

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080319\
 Data File : BF115970.D
 Acq On : 3 Aug 2019 10:07
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 05 01:14:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	171437	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	726685	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	369167	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	718081	20.00	ng	0.00
76) Chrysene-d12	14.03	240	499303	20.00	ng	0.00
87) Perylene-d12	15.50	264	463466	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	822163	80.28	ng	0.00
7) Phenol-d6	6.49	99	1043463	80.76	ng	0.00
23) Nitrobenzene-d5	7.42	82	979499	77.80	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	304070	84.96	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1609483	81.66	ng	0.00
79) Terphenyl-d14	12.97	244	1888232	79.69	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	199171	38.498	ng	100
3) Pyridine	3.36	79	531172	36.754	ng	99
4) n-Nitrosodimethylamine	3.32	42	223810	39.243	ng	95
6) Aniline	6.52	93	725597	39.213	ng	100
8) 2-Chlorophenol	6.65	128	471404	41.628	ng	99
9) Benzaldehyde	6.40	77	334780	37.552	ng	98
10) Phenol	6.50	94	612787	40.274	ng	91
11) bis(2-Chloroethyl)ether	6.59	93	470875	42.093	ng	98
12) 1,3-Dichlorobenzene	6.80	146	521608	39.856	ng	99
13) 1,4-Dichlorobenzene	6.87	146	523669	39.963	ng	98
14) 1,2-Dichlorobenzene	7.03	146	484200	40.129	ng	99
15) Benzyl Alcohol	7.00	79	413037	42.124	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	631800	41.407	ng	94
17) 2-Methylphenol	7.11	107	395342	41.230	ng	99
18) Hexachloroethane	7.37	117	197177	40.869	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	333741	41.683	ng	99
20) 3+4-Methylphenols	7.26	107	460380	40.572	ng	# 89
22) Acetophenone	7.27	105	618322	38.797	ng	99
24) Nitrobenzene	7.44	77	539889	39.717	ng	99
25) Isophorone	7.68	82	978678	40.656	ng	98
26) 2-Nitrophenol	7.76	139	268068	41.836	ng	96
27) 2,4-Dimethylphenol	7.79	122	375590	38.961	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	609211	40.831	ng	99
29) 2,4-Dichlorophenol	8.00	162	410476	40.327	ng	99
30) 1,2,4-Trichlorobenzene	8.08	180	458906	39.551	ng	99
31) Naphthalene	8.16	128	1362240	39.836	ng	99
32) Benzoic acid	7.95	122	222549	32.744	ng	97
33) 4-Chloroaniline	8.20	127	606661	39.705	ng	98
34) Hexachlorobutadiene	8.27	225	266202	39.832	ng	98
35) Caprolactam	8.60	113	133264	40.480	ng	97
36) 4-Chloro-3-methylphenol	8.70	107	437996	41.363	ng	96
37) 2-Methylnaphthalene	8.85	142	897868	39.868	ng	99
38) 1-Methylnaphthalene	8.95	142	860478	40.387	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	417600	42.313	ng	100

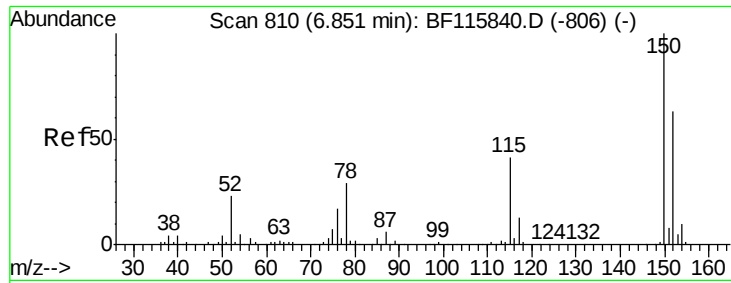
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080319\
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 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	136739	34.500	ng	99
43) 2,4,6-Trichlorophenol	9.14	196	280307	41.263	ng	100
44) 2,4,5-Trichlorophenol	9.18	196	292534	41.659	ng	96
46) 1,1'-Biphenyl	9.32	154	1083633	41.577	ng	99
47) 2-Chloronaphthalene	9.35	162	899474	41.465	ng	98
48) 2-Nitroaniline	9.45	65	304848	42.517	ng	97
49) Acenaphthylene	9.76	152	1351509	42.706	ng	99
50) Dimethylphthalate	9.62	163	1107697	44.068	ng	100
51) 2,6-Dinitrotoluene	9.69	165	239378	43.822	ng	94
52) Acenaphthene	9.93	154	809442	41.692	ng	99
53) 3-Nitroaniline	9.86	138	282485	41.852	ng	92
54) 2,4-Dinitrophenol	9.97	184	93260	38.102	ng	97
55) Dibenzofuran	10.10	168	1185050	41.972	ng	96
56) 4-Nitrophenol	10.02	139	168437	38.956	ng	97
57) 2,4-Dinitrotoluene	10.09	165	315118	43.328	ng	91
58) Fluorene	10.45	166	933676	42.982	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	249778	42.279	ng	98
60) Diethylphthalate	10.32	149	1029536	43.870	ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	473835	43.070	ng	97
62) 4-Nitroaniline	10.47	138	290878	41.701	ng	99
63) Azobenzene	10.60	77	1061910	43.993	ng	98
65) 4,6-Dinitro-2-methylphenol	10.51	198	148887	39.126	ng	97
66) n-Nitrosodiphenylamine	10.56	169	848791	39.271	ng	99
67) 4-Bromophenyl-phenylether	10.93	248	307436	39.994	ng	94
68) Hexachlorobenzene	11.00	284	343282	38.619	ng	97
69) Atrazine	11.09	200	236499	33.261	ng	97
70) Pentachlorophenol	11.20	266	151204	35.037	ng	98
71) Phenanthrene	11.41	178	1412864	38.487	ng	99
72) Anthracene	11.46	178	1435676	38.643	ng	99
73) Carbazole	11.62	167	1315565	39.031	ng	100
74) Di-n-butylphthalate	11.94	149	1627977	41.404	ng	99
75) Fluoranthene	12.60	202	1484427	38.625	ng	97
77) Benzidine	12.72	184	673088	39.902	ng	98
78) Pyrene	12.83	202	1509674	40.110	ng	100
80) Butylbenzylphthalate	13.44	149	690712	43.383	ng	99
81) Benzo(a)anthracene	14.02	228	1294758	40.571	ng	100
82) 3,3'-Dichlorobenzidine	13.97	252	436143	39.337	ng	# 98
83) Chrysene	14.06	228	1235955	39.891	ng	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	940052	45.436	ng	100
85) Di-n-octyl phthalate	14.61	149	1430822	43.540	ng	100
86) Indeno(1,2,3-cd)pyrene	16.99	276	997956	38.350	ng	99
88) Benzo(b)fluoranthene	15.07	252	1088668	40.625	ng	97
89) Benzo(k)fluoranthene	15.10	252	1032782	39.568	ng	99
90) Benzo(a)pyrene	15.44	252	957716	39.979	ng	98
91) Dibenzo(a,h)anthracene	17.00	278	814466	39.278	ng	98
92) Benzo(g,h,i)perylene	17.43	276	784602	38.527	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

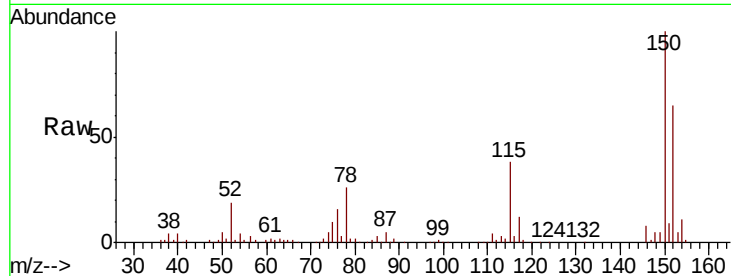


#1

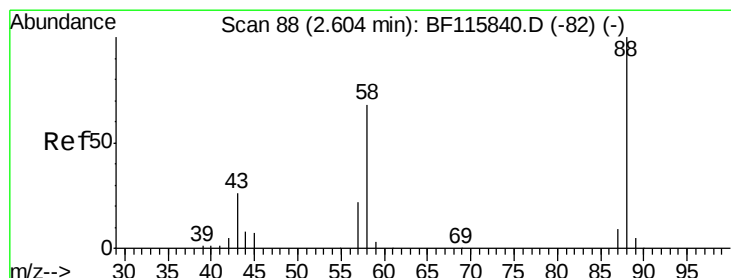
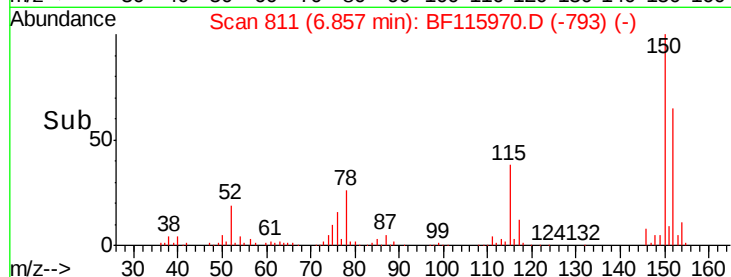
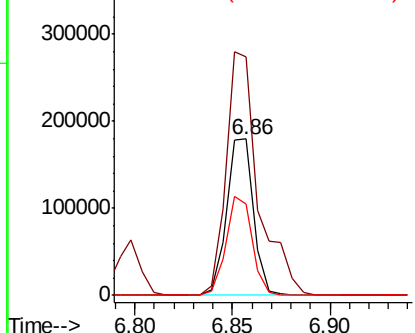
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.01 min
Lab File: BF115970.D
Acq: 3 Aug 2019 10:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 152 Resp: 171437
Ion Ratio Lower Upper
152 100
150 153.0 127.4 191.0
115 58.3 51.8 77.8



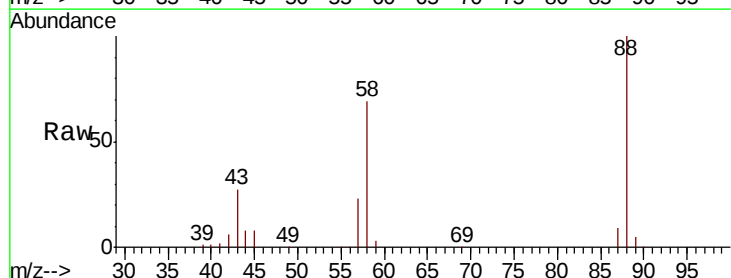
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



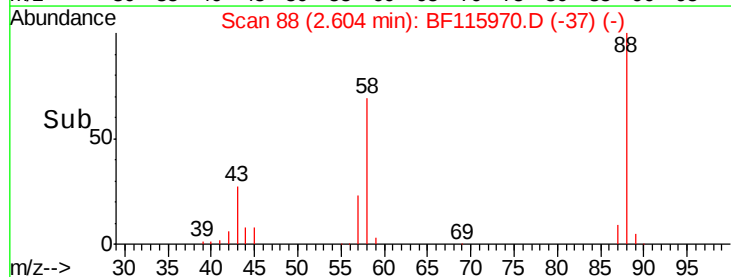
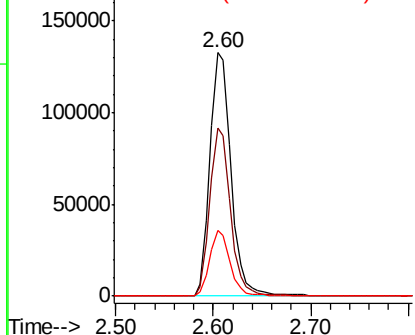
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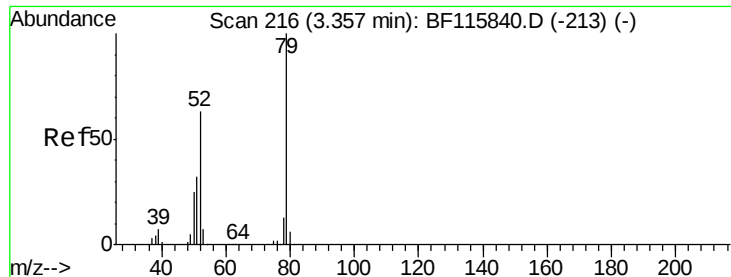
1,4-Dioxane
Concen: 38.498 ng
RT: 2.60 min Scan# 88
Delta R.T. 0.00 min
Lab File: BF115970.D
Acq: 3 Aug 2019 10:07

Tgt Ion: 88 Resp: 199171
Ion Ratio Lower Upper
88 100
58 67.8 54.1 81.1
43 26.1 20.7 31.1



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 36.754 ng

RT: 3.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BF115970.D

Acq: 3 Aug 2019 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

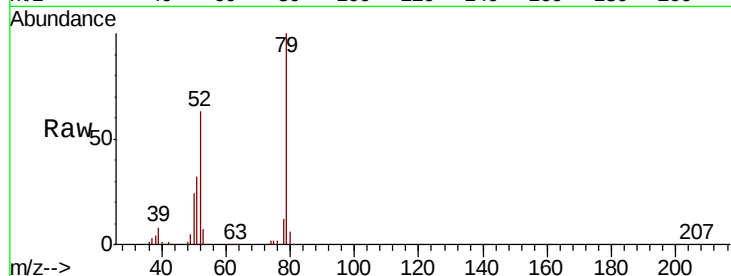
Tgt Ion: 79 Resp: 531172

Ion Ratio Lower Upper

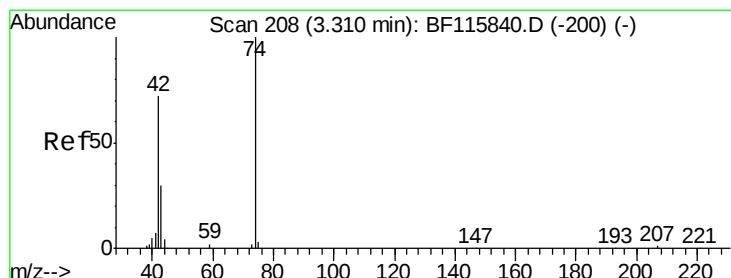
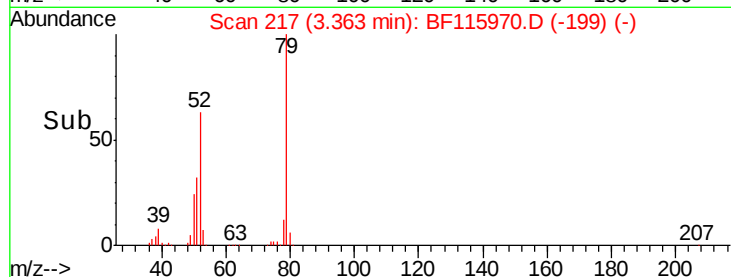
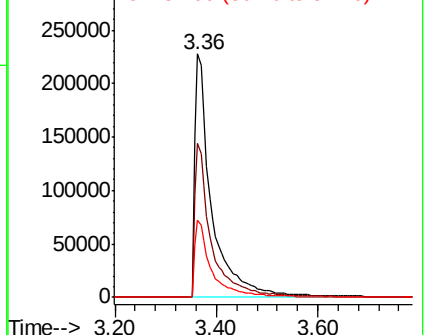
79 100

52 63.2 50.2 75.4

51 31.8 25.8 38.6



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 39.243 ng

RT: 3.32 min Scan# 210

Delta R.T. 0.01 min

Lab File: BF115970.D

Acq: 3 Aug 2019 10:07

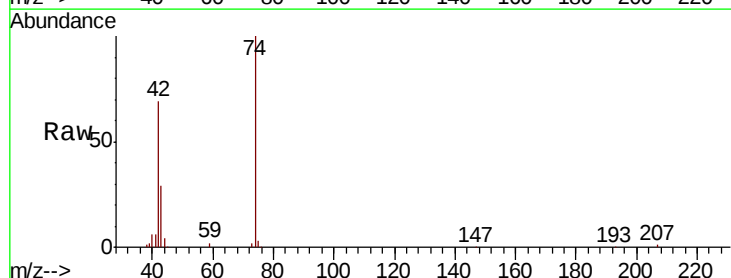
Tgt Ion: 42 Resp: 223810

Ion Ratio Lower Upper

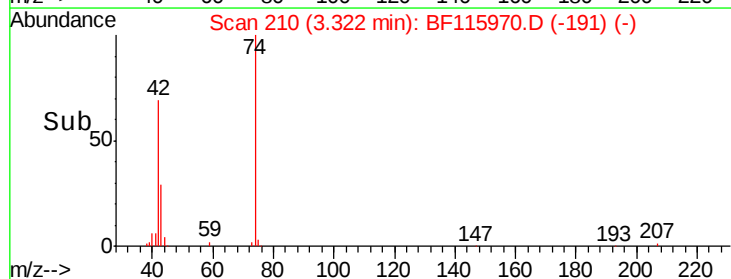
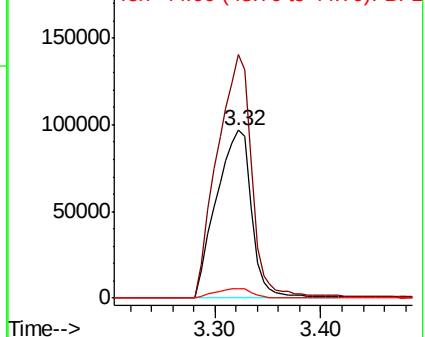
42 100

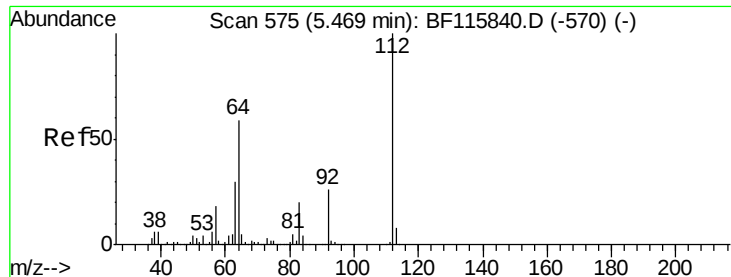
74 145.2 111.0 166.4

44 5.7 4.7 7.1



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 80.283 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF115970.D

Acq: 3 Aug 2019 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

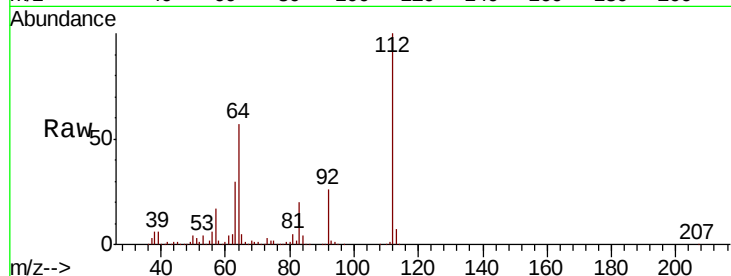
Tgt Ion: 112 Resp: 822163

Ion Ratio Lower Upper

112 100

64 57.2 46.8 70.2

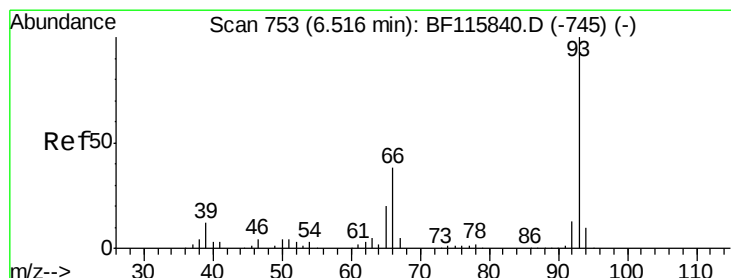
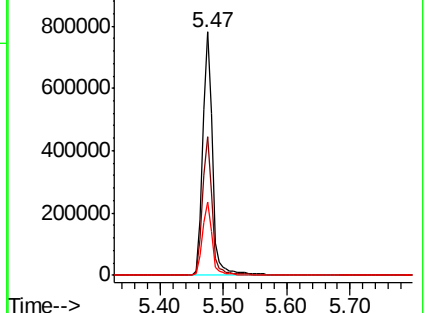
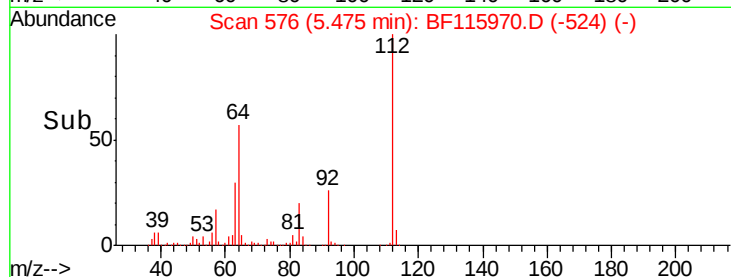
63 30.0 24.2 36.2



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.213 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF115970.D

Acq: 3 Aug 2019 10:07

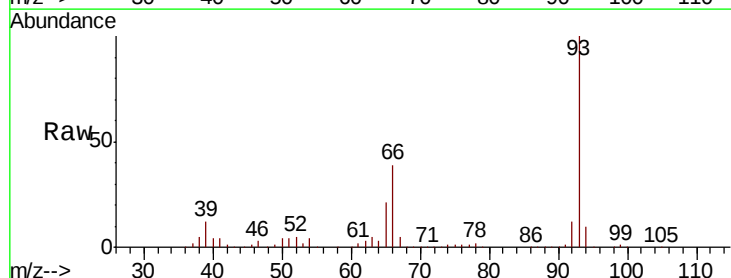
Tgt Ion: 93 Resp: 725597

Ion Ratio Lower Upper

93 100

66 39.3 31.4 47.0

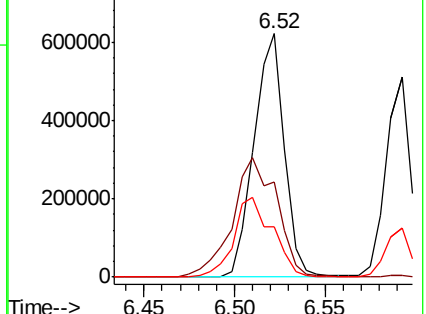
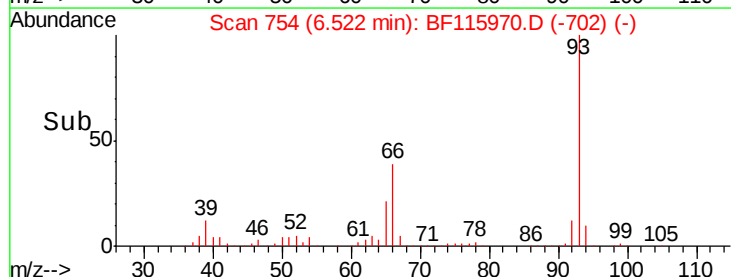
65 20.7 16.5 24.7

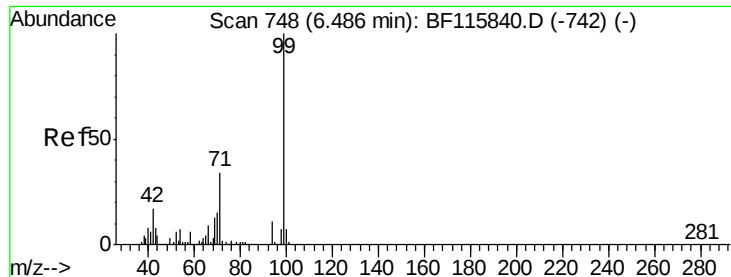


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 80.760 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF115970.D

Acq: 3 Aug 2019 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

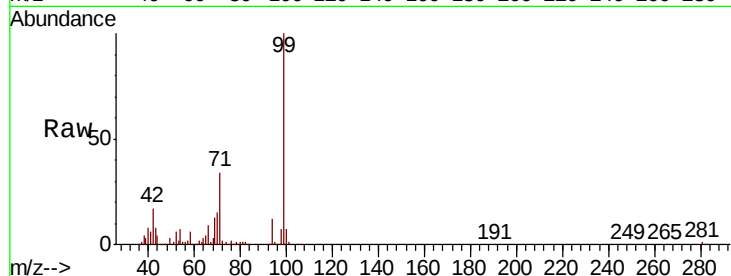
Tgt Ion: 99 Resp: 1043463

Ion Ratio Lower Upper

99 100

42 17.2 13.8 20.6

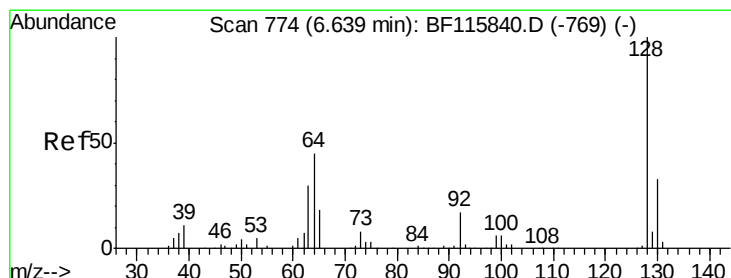
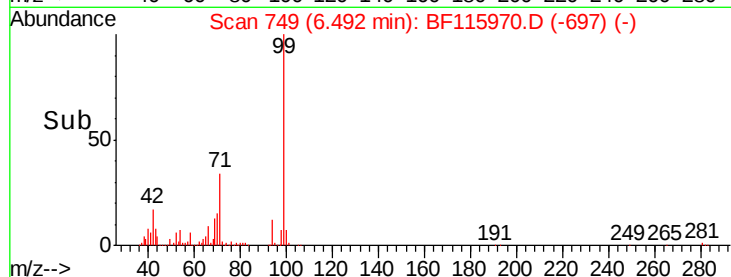
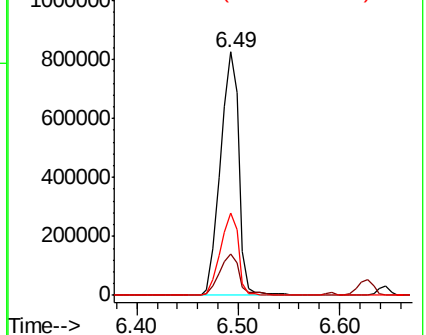
71 33.8 27.1 40.7



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.628 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF115970.D

Acq: 3 Aug 2019 10:07

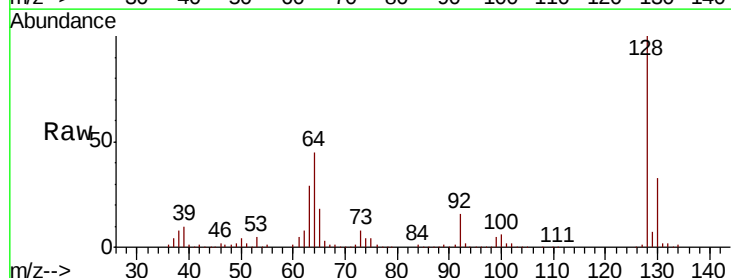
Tgt Ion: 128 Resp: 471404

Ion Ratio Lower Upper

128 100

130 32.9 12.9 52.9

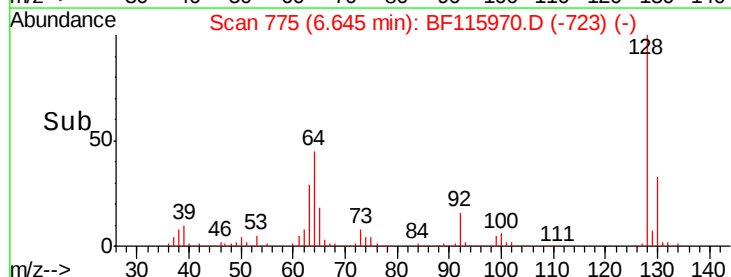
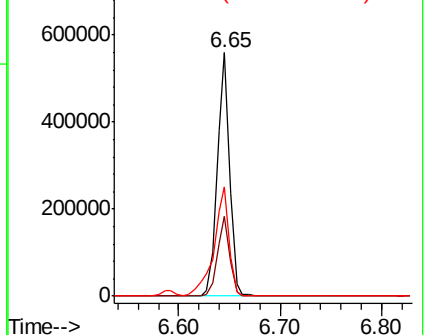
64 44.6 26.1 66.1

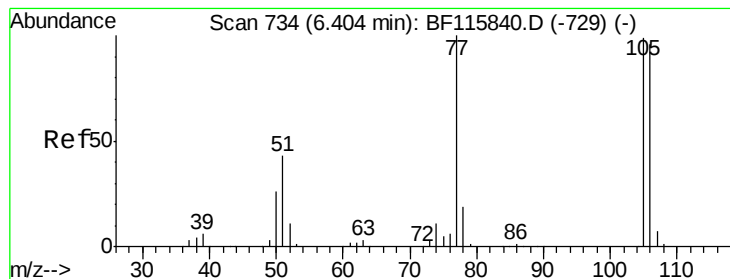


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 37.552 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF115970.D

Acq: 3 Aug 2019 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

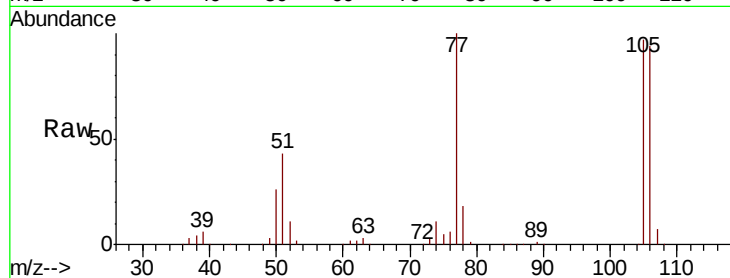
Tgt Ion: 77 Resp: 334780

Ion Ratio Lower Upper

77 100

105 97.4 79.0 119.0

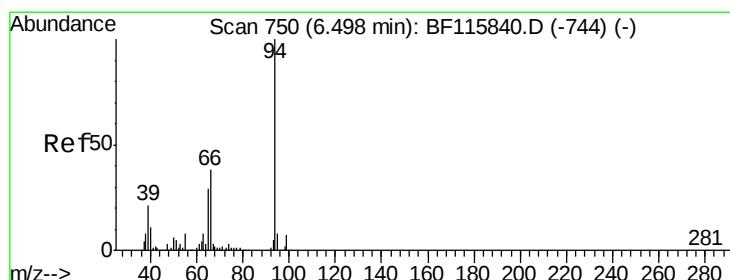
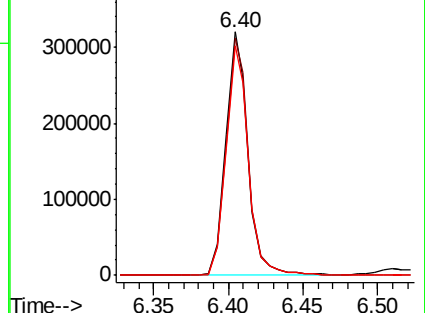
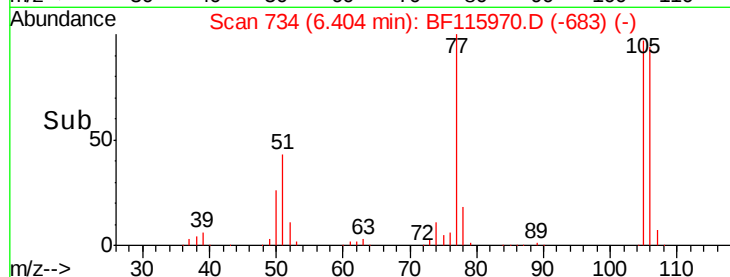
106 94.1 76.2 116.2



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.274 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF115970.D

Acq: 3 Aug 2019 10:07

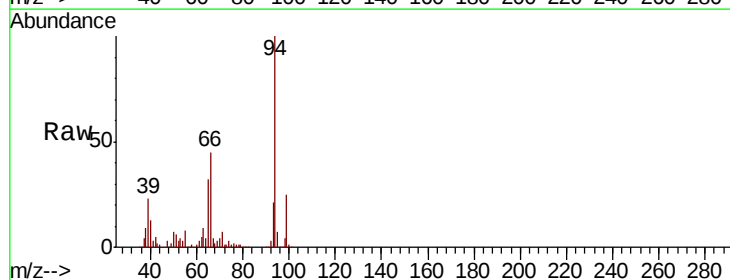
Tgt Ion: 94 Resp: 612787

Ion Ratio Lower Upper

94 100

65 32.4 8.9 48.9

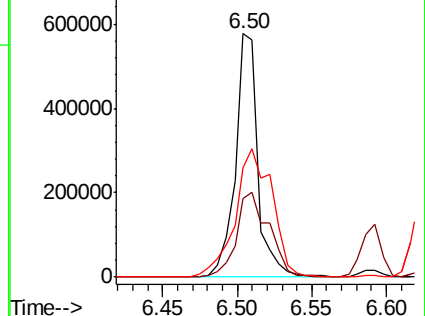
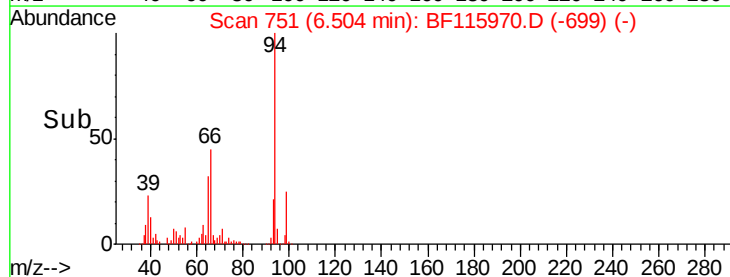
66 44.6 18.0 58.0

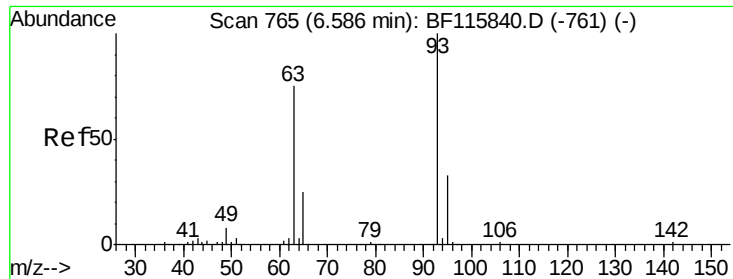


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

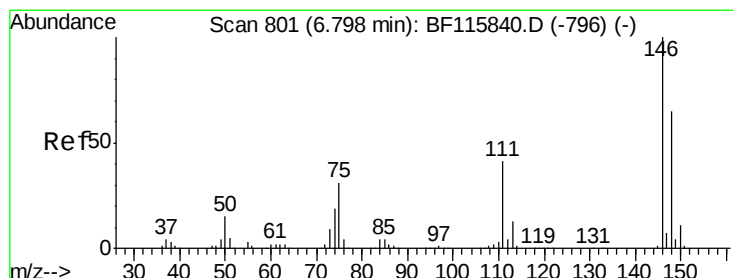
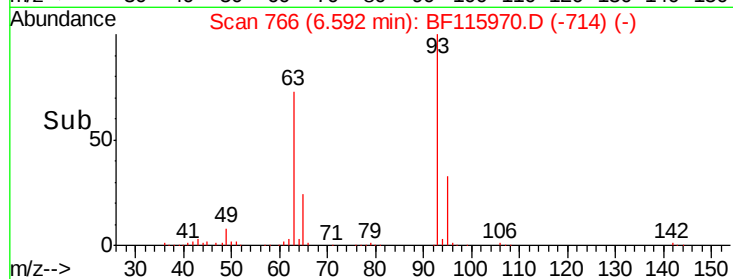
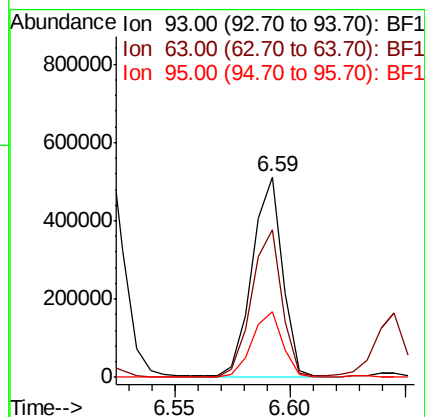
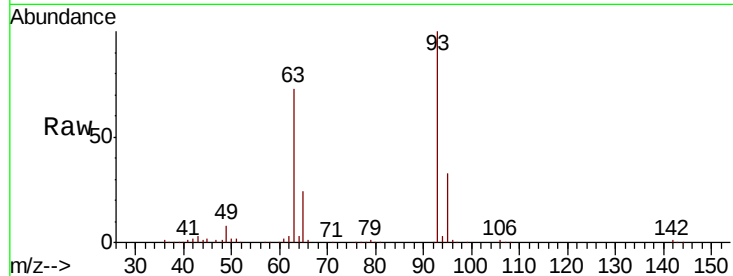




#11
 bis(2-Chloroethyl)ether
 Concen: 42.093 ng
 RT: 6.59 min Scan# 766
 Delta R.T. 0.01 min
 Lab File: BF115970.D
 Acq: 3 Aug 2019 10:07

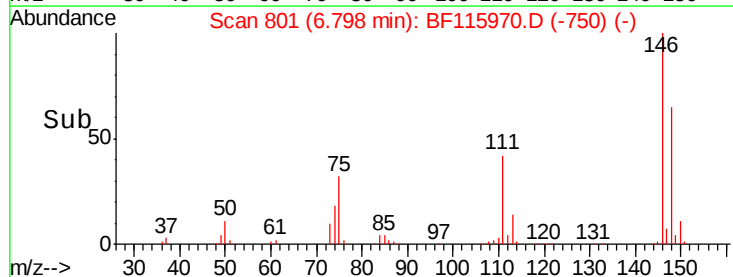
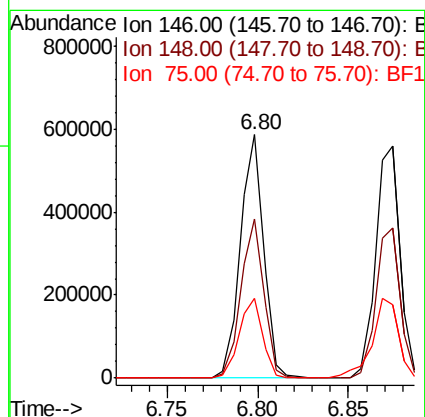
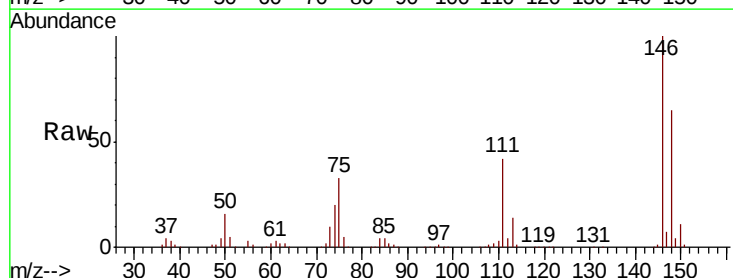
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

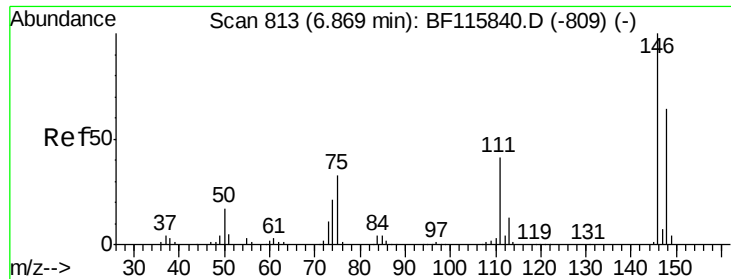
Tgt Ion: 93 Resp: 470875
 Ion Ratio Lower Upper
 93 100
 63 73.3 54.9 94.9
 95 32.8 13.3 53.3



#12
 1,3-Dichlorobenzene
 Concen: 39.856 ng
 RT: 6.80 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: BF115970.D
 Acq: 3 Aug 2019 10:07

Tgt Ion: 146 Resp: 521608
 Ion Ratio Lower Upper
 146 100
 148 65.4 52.1 78.1
 75 32.9 25.0 37.6

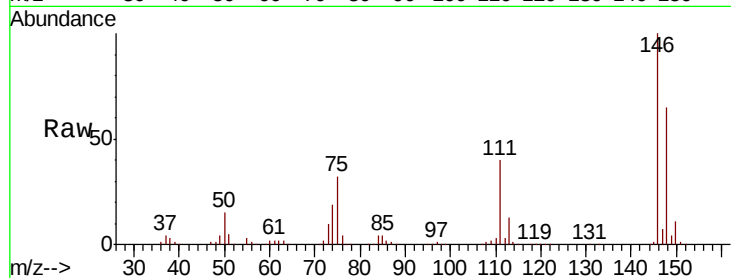




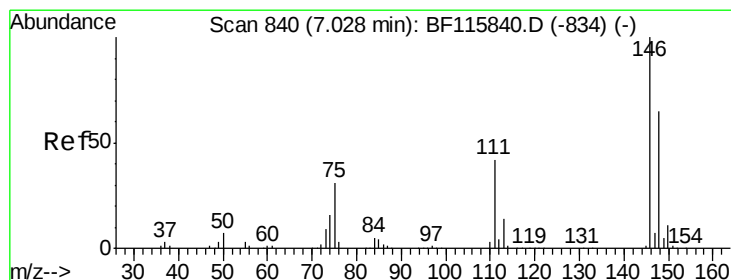
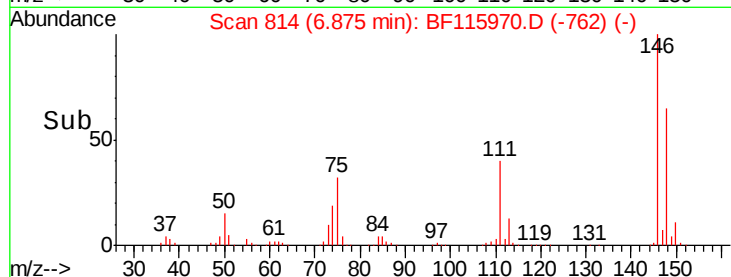
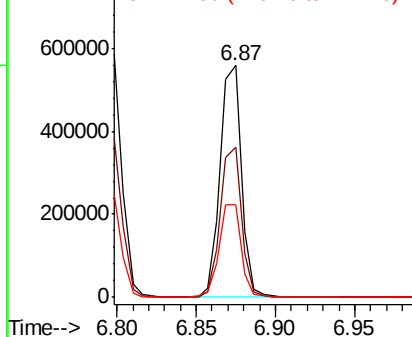
#13
 1,4-Dichlorobenzene
 Concen: 39.963 ng
 RT: 6.87 min Scan# 814
 Delta R.T. 0.01 min
 Lab File: BF115970.D
 Acq: 3 Aug 2019 10:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:146 Resp: 523669
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.2 76.8
 111 39.8 33.2 49.8

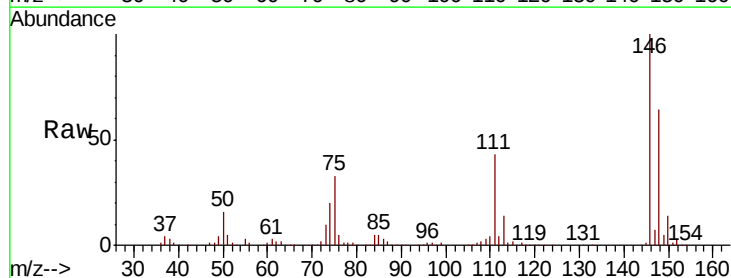


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

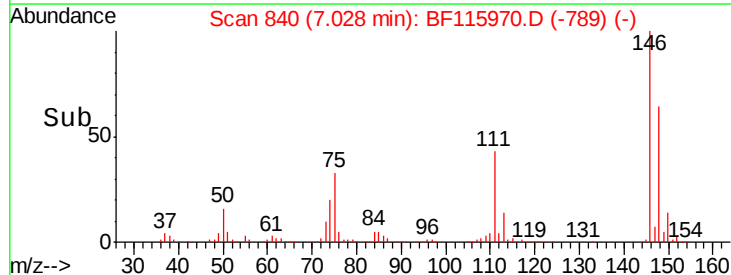
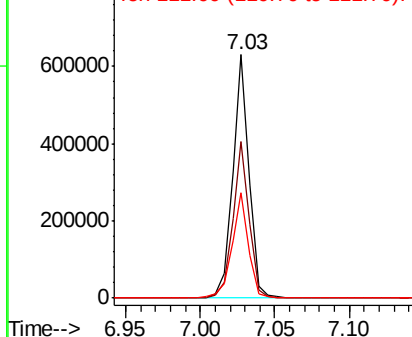


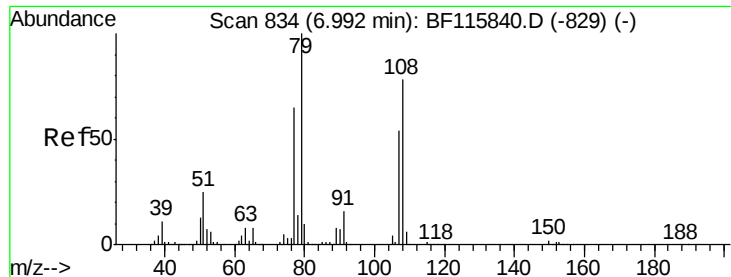
#14
 1,2-Dichlorobenzene
 Concen: 40.129 ng
 RT: 7.03 min Scan# 840
 Delta R.T. 0.00 min
 Lab File: BF115970.D
 Acq: 3 Aug 2019 10:07

Tgt Ion:146 Resp: 484200
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.6 77.4
 111 43.4 33.6 50.4



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.124 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.01 min

Lab File: BF115970.D

Acq: 3 Aug 2019 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

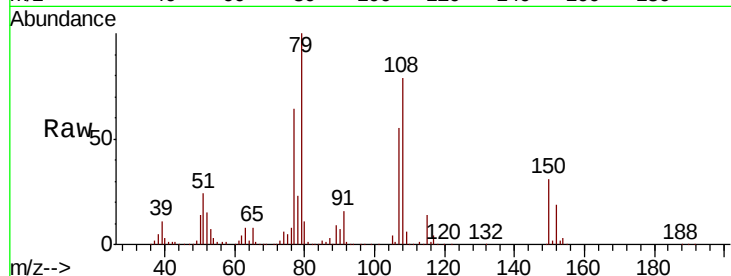
Tgt Ion: 79 Resp: 413037

Ion Ratio Lower Upper

79 100

108 79.3 62.8 94.2

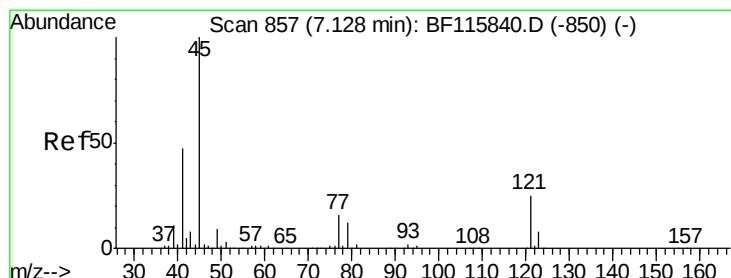
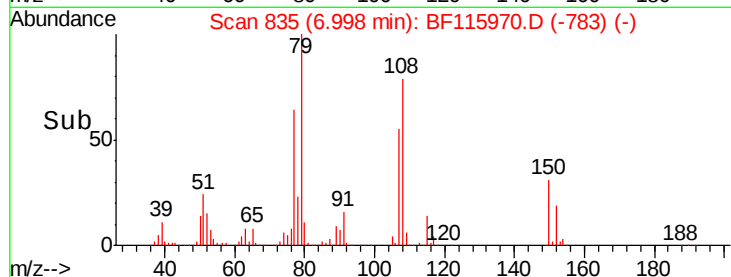
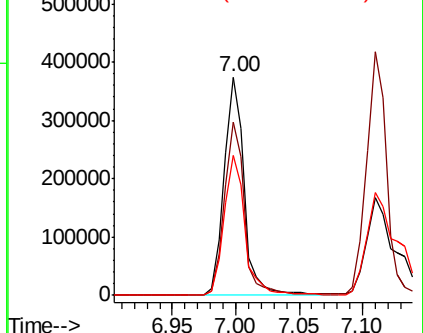
77 64.1 52.0 78.0



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.407 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF115970.D

Acq: 3 Aug 2019 10:07

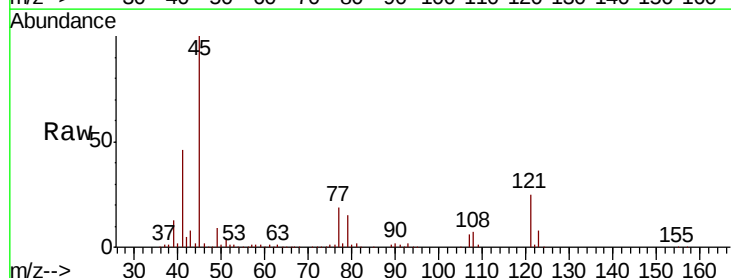
Tgt Ion: 45 Resp: 631800

Ion Ratio Lower Upper

45 100

77 18.8 0.0 36.3

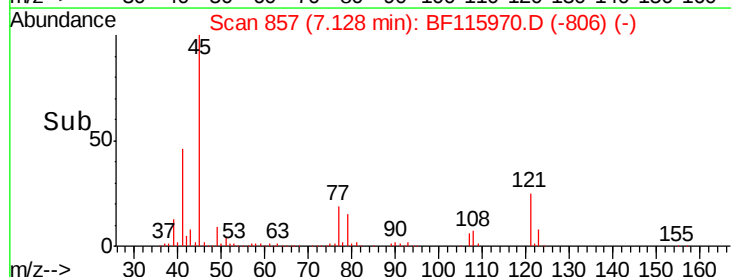
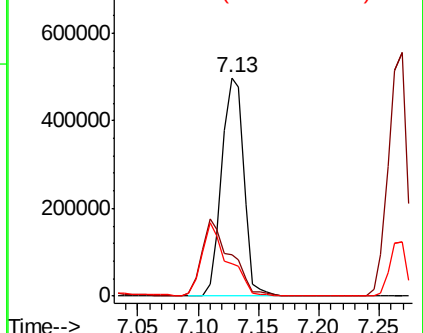
79 14.6 0.0 32.5

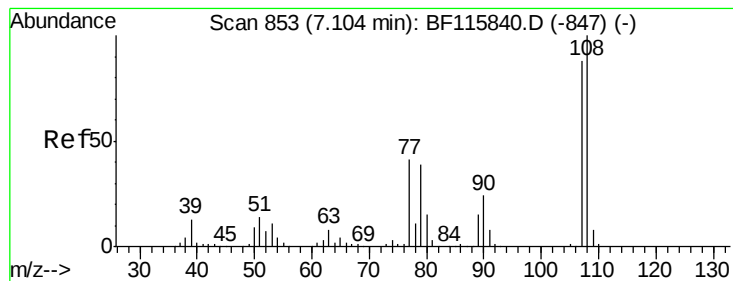


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 41.230 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.01 min

Lab File: BF115970.D

Acq: 3 Aug 2019 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 395342

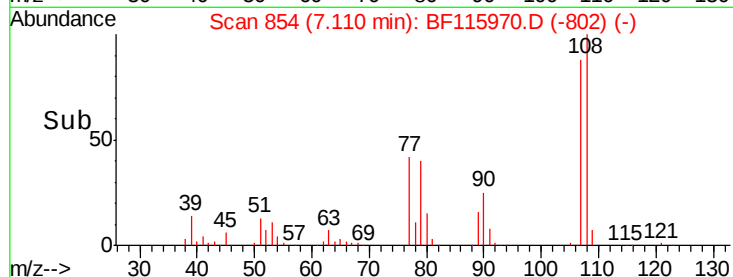
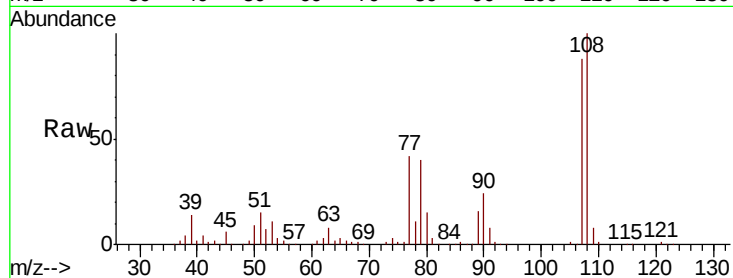
Ion Ratio Lower Upper

107 100

108 113.8 91.4 137.0

77 48.0 37.6 56.4

79 45.7 36.2 54.4

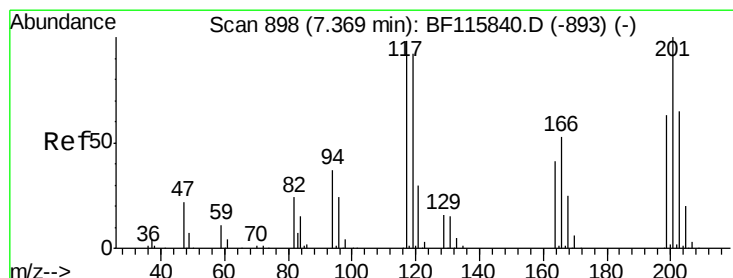
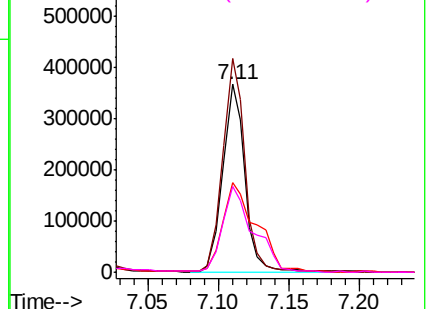


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 40.869 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.00 min

Lab File: BF115970.D

Acq: 3 Aug 2019 10:07

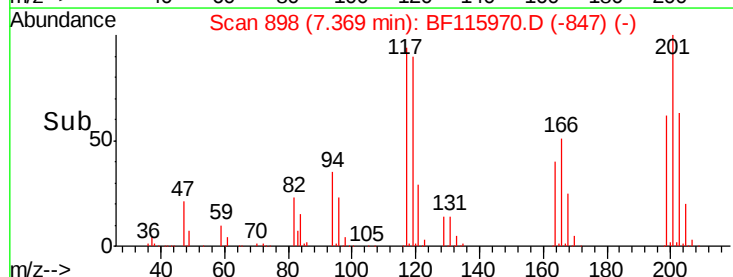
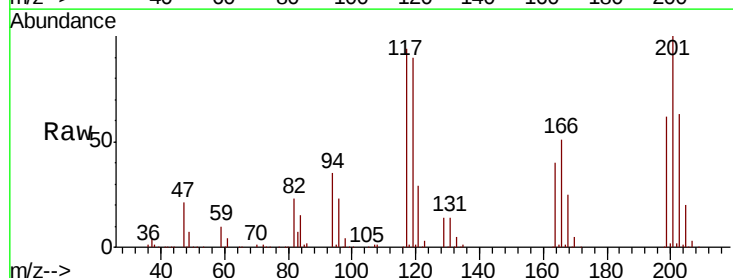
Tgt Ion:117 Resp: 197177

Ion Ratio Lower Upper

117 100

119 95.7 75.8 113.6

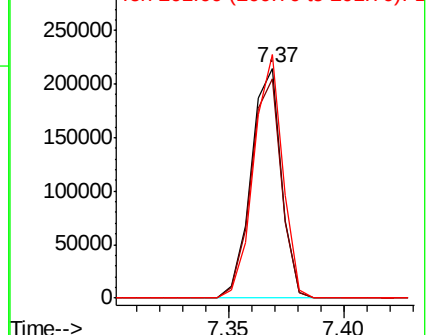
201 106.0 82.0 123.0

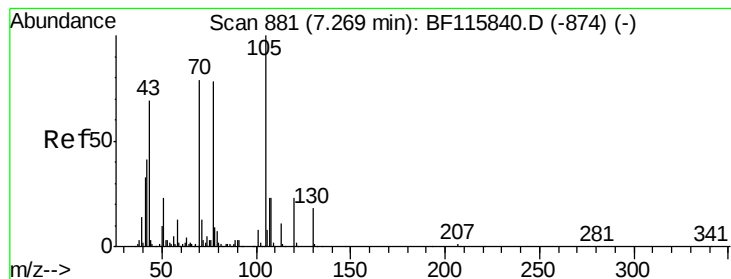


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 41.683 ng

RT: 7.27 min Scan# 882

Delta R.T. 0.01 min

Lab File: BF115970.D

Acq: 3 Aug 2019 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 333741

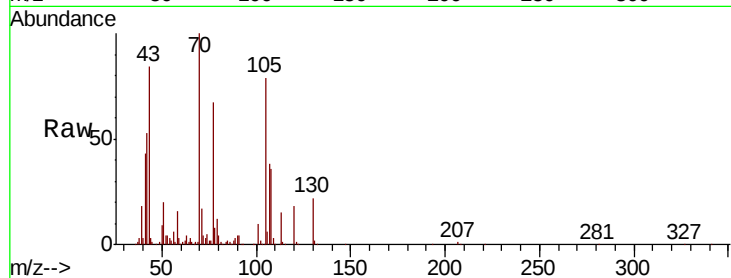
Ion Ratio Lower Upper

70 100

42 52.8 41.8 62.8

101 9.7 7.7 11.5

130 22.1 17.8 26.6



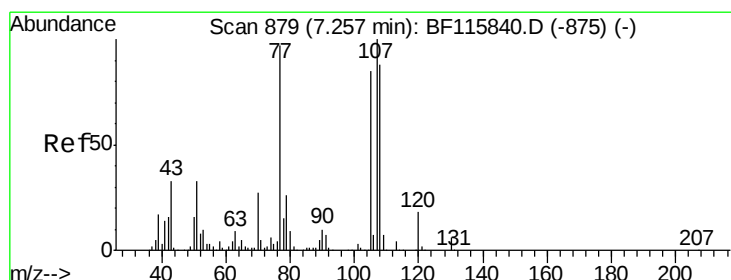
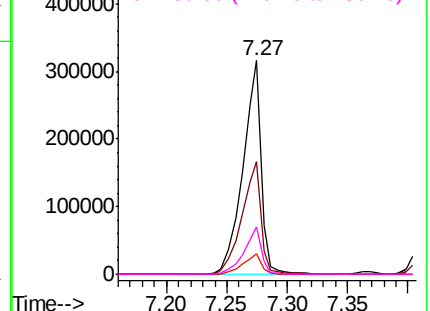
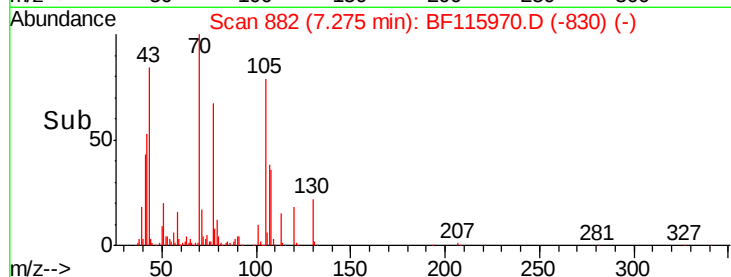
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 40.572 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.01 min

Lab File: BF115970.D

Acq: 3 Aug 2019 10:07

Tgt Ion: 107 Resp: 460380

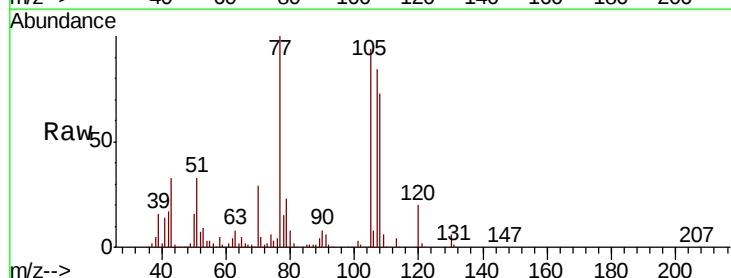
Ion Ratio Lower Upper

107 100

108 86.8 67.9 107.9

77 119.0 77.3 117.3#

79 27.7 6.6 46.6



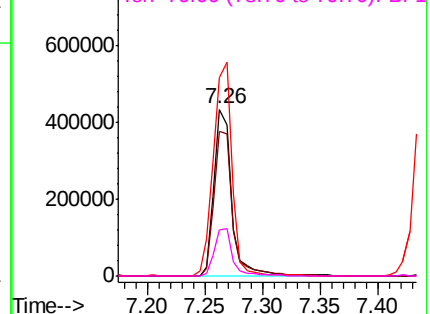
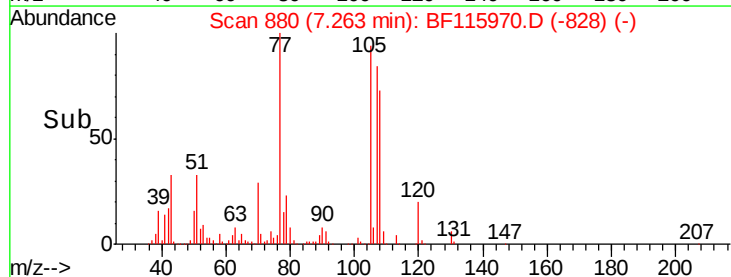
Abundance

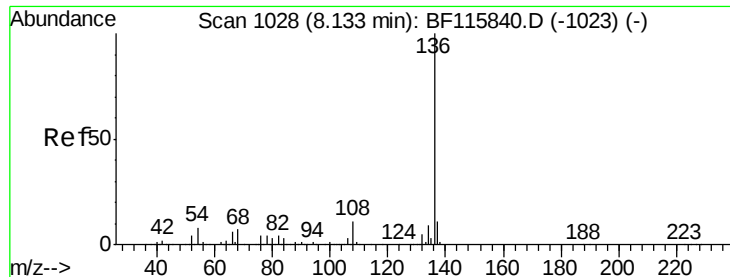
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

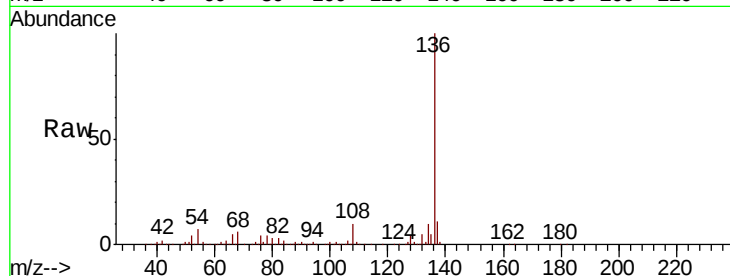




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.01 min
Lab File: BF115970.D
Acq: 3 Aug 2019 10:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	136	Resp:	726685
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	6.5	6.1	9.1
68	5.7	5.4	8.2



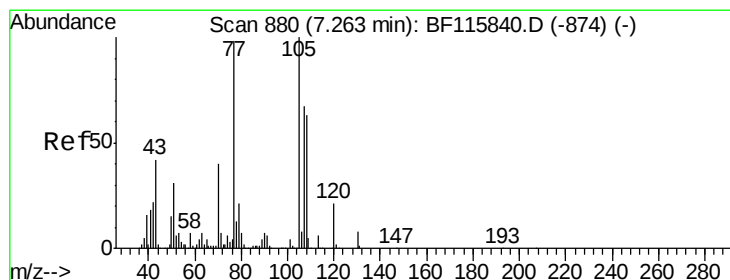
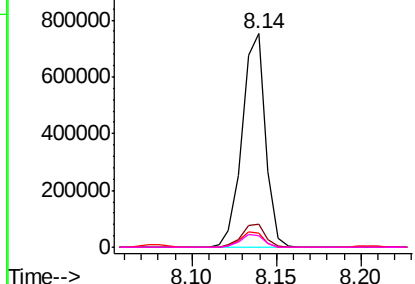
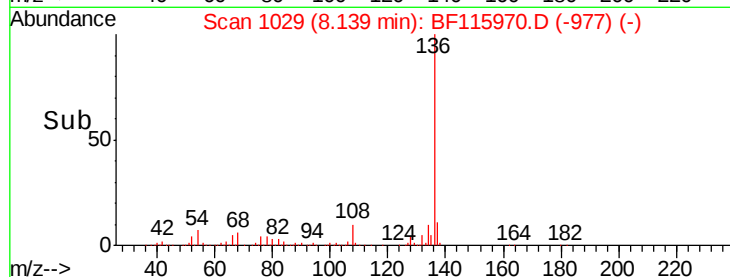
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

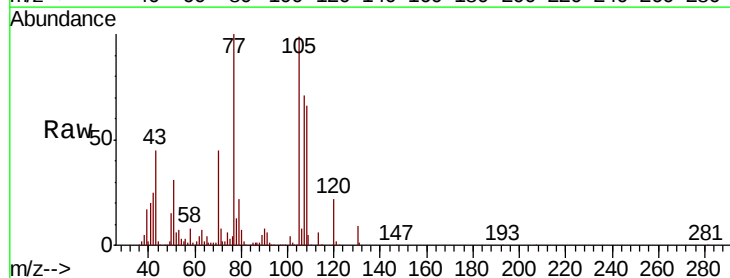
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 38.797 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF115970.D
Acq: 3 Aug 2019 10:07

Tgt Ion:	105	Resp:	618322
Ion	Ratio	Lower	Upper
105	100		
71	7.6	5.4	8.0
51	30.9	24.6	36.8
120	21.7	17.0	25.6



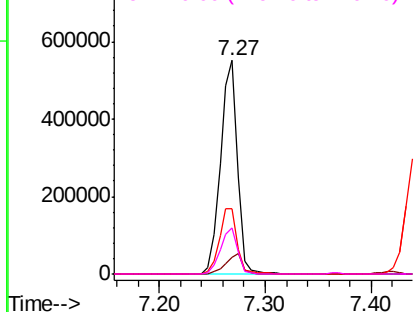
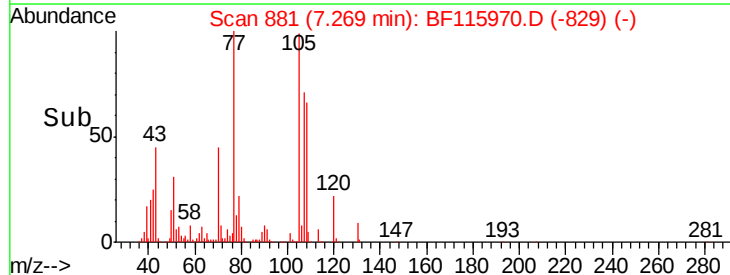
Abundance

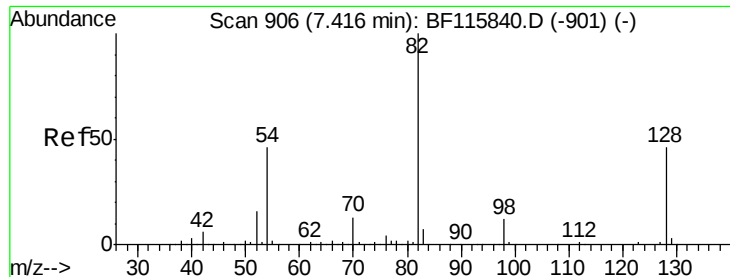
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

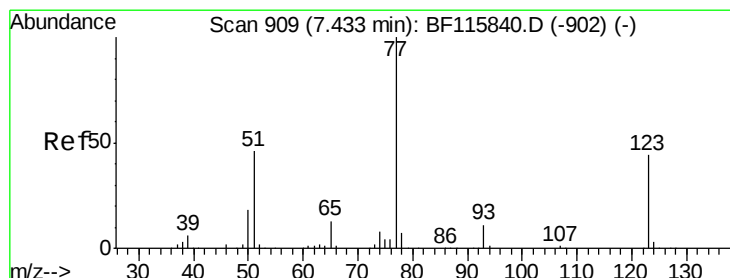
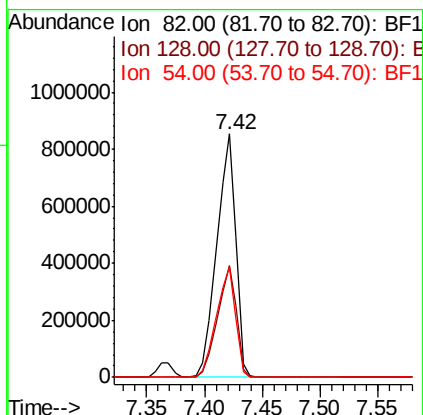
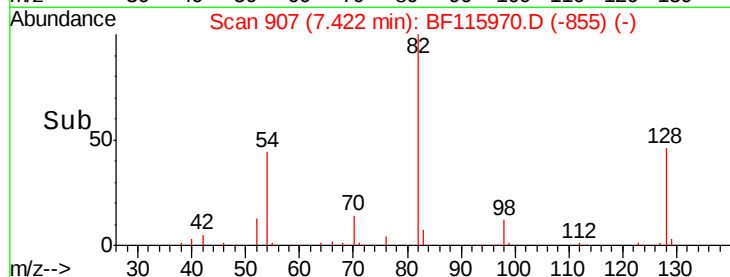
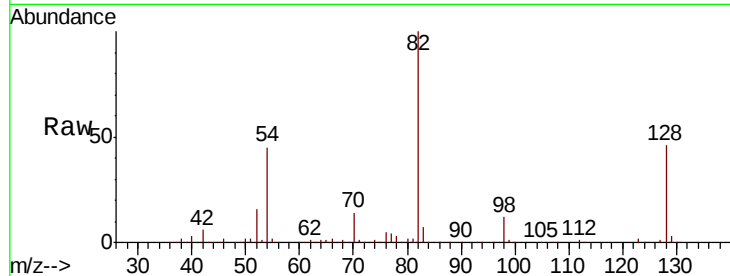




#23
 Nitrobenzene-d5
 Concen: 77.805 ng
 RT: 7.42 min Scan# 907
 Delta R.T. 0.01 min
 Lab File: BF115970.D
 Acq: 3 Aug 2019 10:07

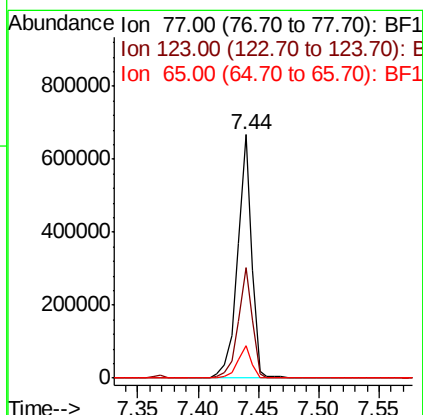
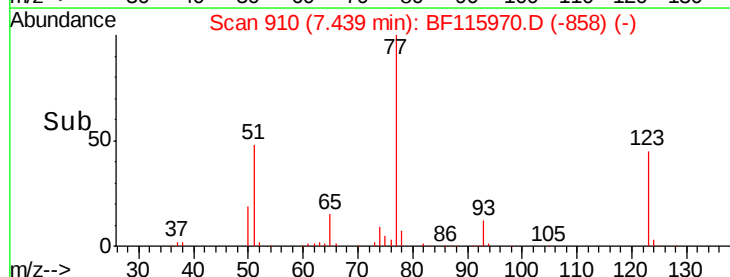
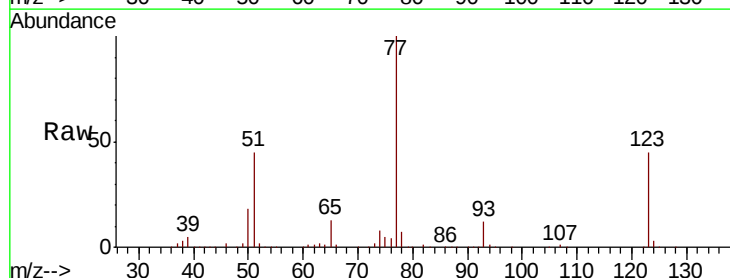
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

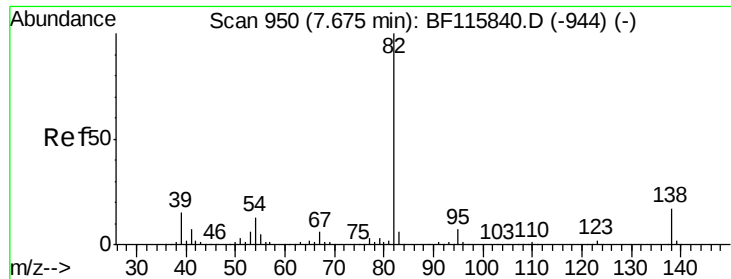
Tgt Ion: 82 Resp: 979499
 Ion Ratio Lower Upper
 82 100
 128 45.8 36.6 55.0
 54 45.4 36.6 55.0



#24
 Nitrobenzene
 Concen: 39.717 ng
 RT: 7.44 min Scan# 910
 Delta R.T. 0.01 min
 Lab File: BF115970.D
 Acq: 3 Aug 2019 10:07

Tgt Ion: 77 Resp: 539889
 Ion Ratio Lower Upper
 77 100
 123 45.2 35.5 53.3
 65 13.5 10.6 15.8





#25

Isophorone

Concen: 40.656 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.01 min

Lab File: BF115970.D

Acq: 3 Aug 2019 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

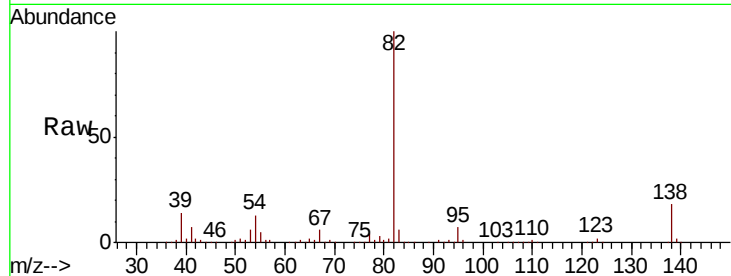
Tgt Ion: 82 Resp: 978678

Ion Ratio Lower Upper

82 100

95 6.8 5.5 8.3

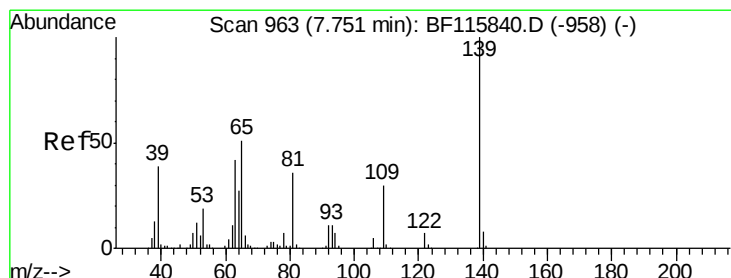
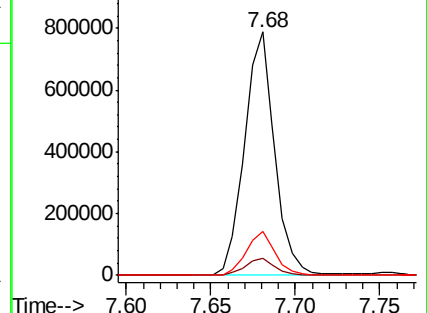
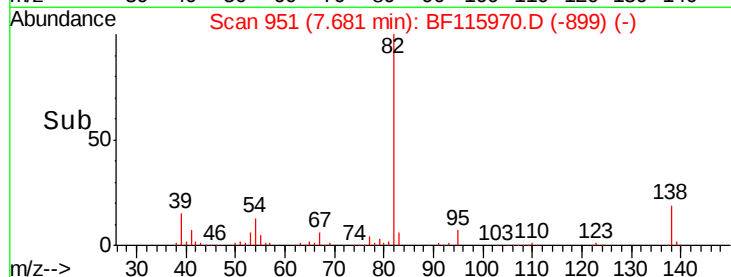
138 18.3 13.9 20.9



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 41.836 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BF115970.D

Acq: 3 Aug 2019 10:07

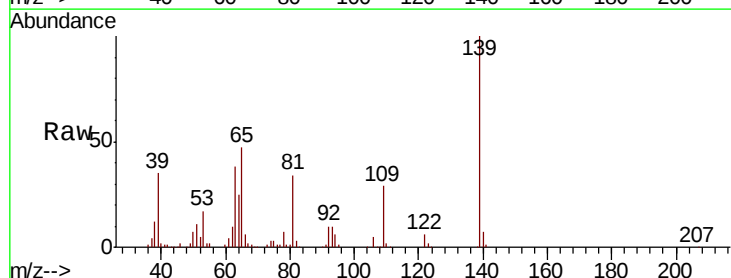
Tgt Ion: 139 Resp: 268068

Ion Ratio Lower Upper

139 100

109 28.6 23.6 35.4

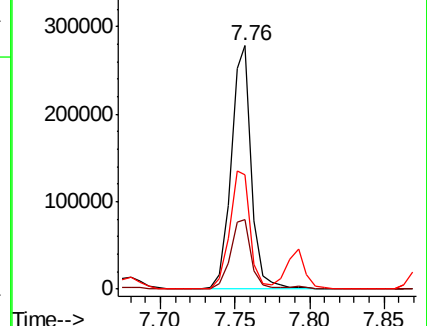
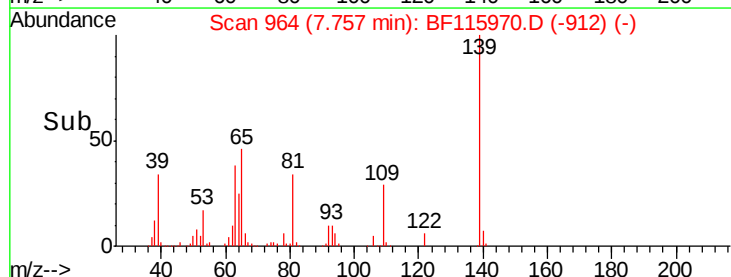
65 46.9 40.6 60.8

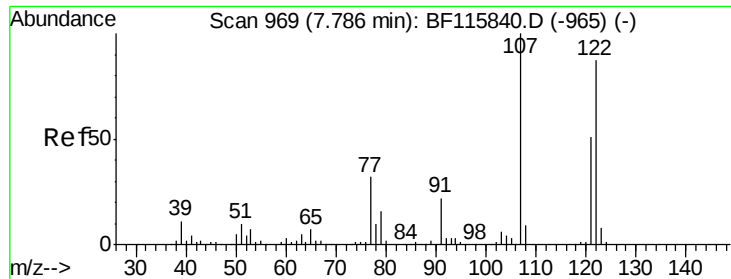


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

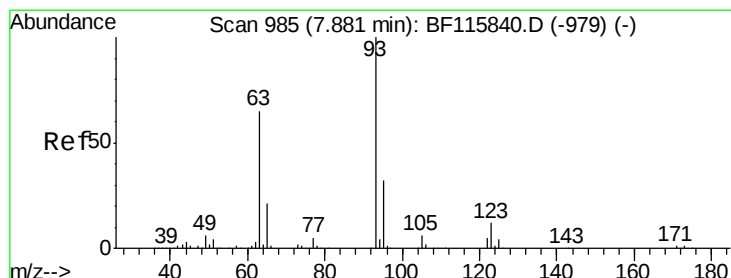
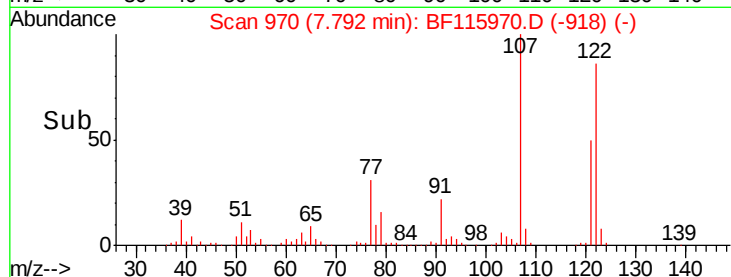
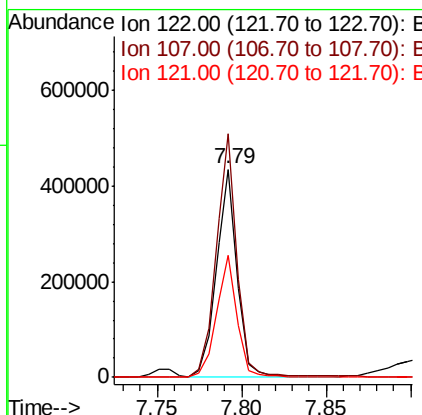
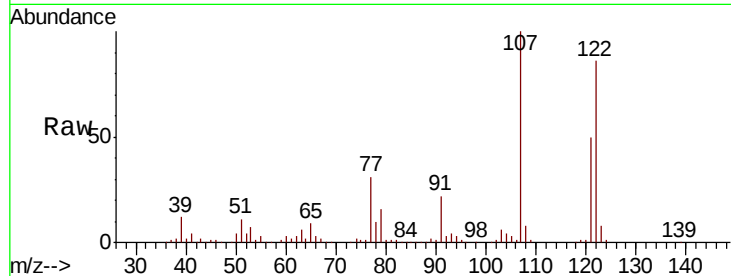




#27
 2,4-Dimethylphenol
 Concen: 38.961 ng
 RT: 7.79 min Scan# 970
 Delta R.T. 0.01 min
 Lab File: BF115970.D
 Acq: 3 Aug 2019 10:07

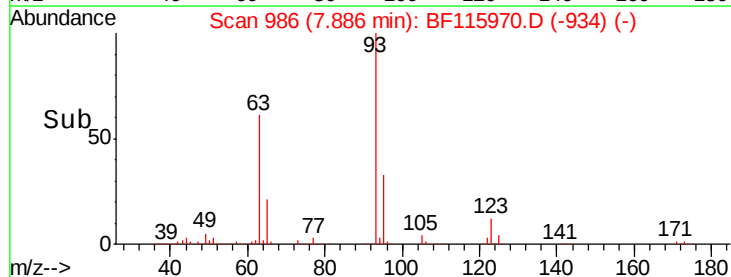
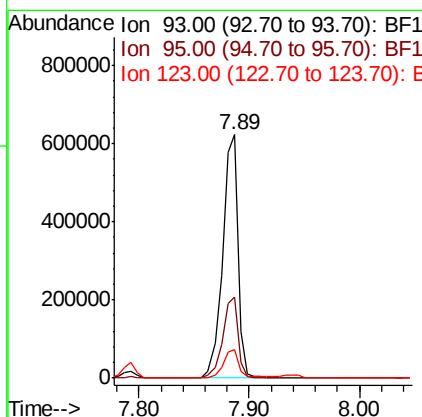
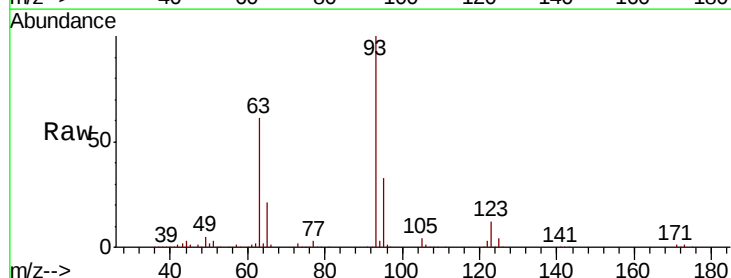
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

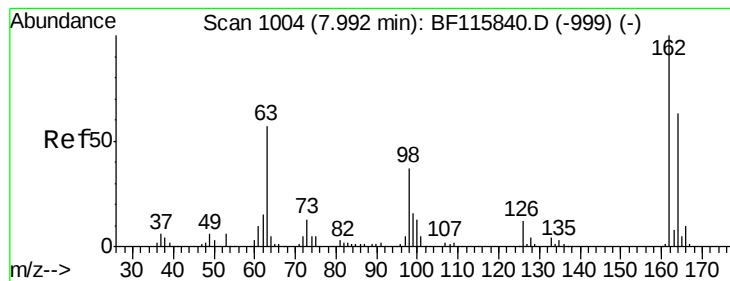
Tgt Ion:122 Resp: 375590
 Ion Ratio Lower Upper
 122 100
 107 116.9 91.7 137.5
 121 58.5 46.6 70.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.831 ng
 RT: 7.89 min Scan# 986
 Delta R.T. 0.01 min
 Lab File: BF115970.D
 Acq: 3 Aug 2019 10:07

Tgt Ion: 93 Resp: 609211
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.0 39.0
 123 12.0 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 40.327 ng

RT: 8.00 min Scan# 1005

Delta R.T. 0.01 min

Lab File: BF115970.D

Acq: 3 Aug 2019 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

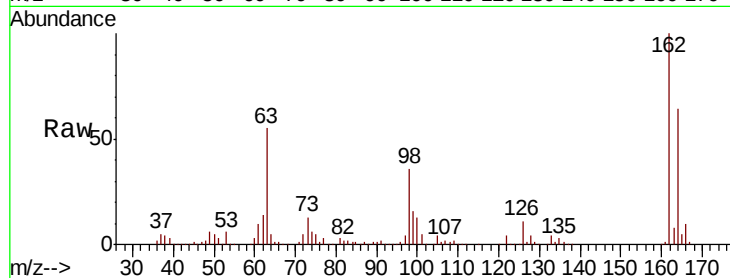
Tgt Ion:162 Resp: 410476

Ion Ratio Lower Upper

162 100

164 63.9 43.2 83.2

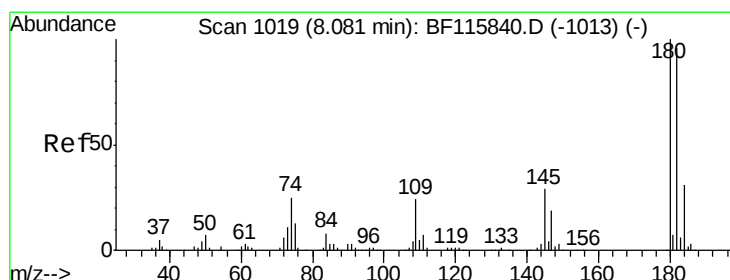
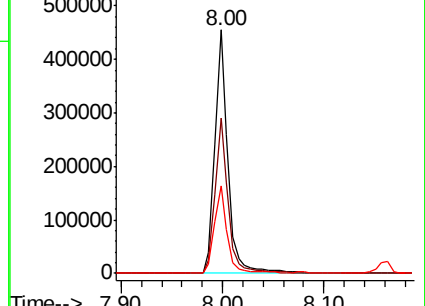
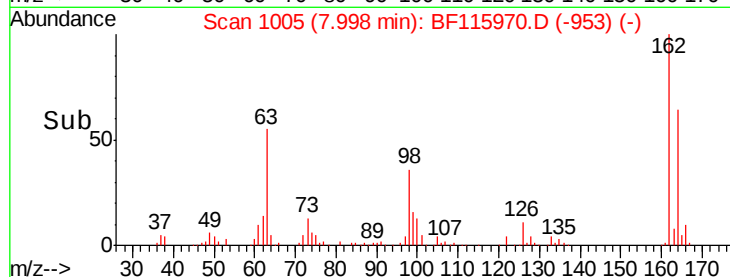
98 36.2 17.3 57.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 39.551 ng

RT: 8.08 min Scan# 1019

Delta R.T. 0.00 min

Lab File: BF115970.D

Acq: 3 Aug 2019 10:07

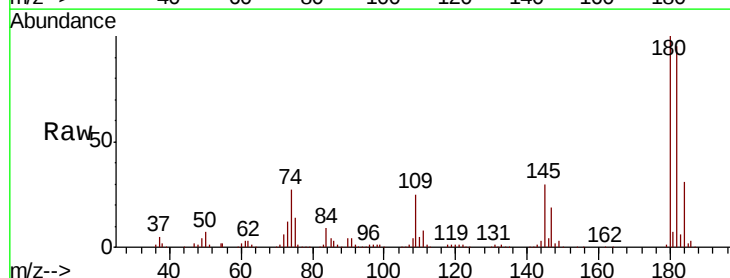
Tgt Ion:180 Resp: 458906

Ion Ratio Lower Upper

180 100

182 95.0 76.6 114.8

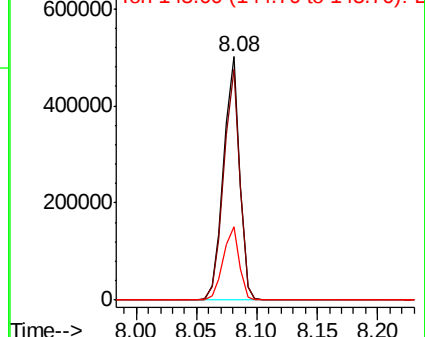
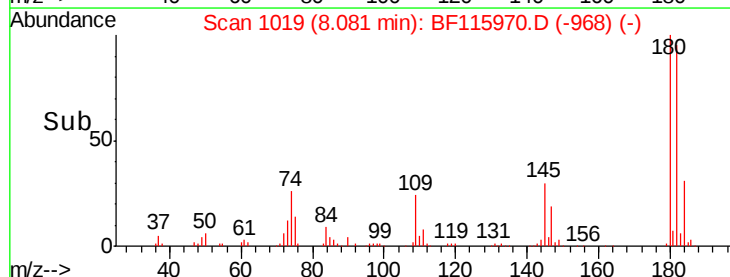
145 30.2 23.2 34.8

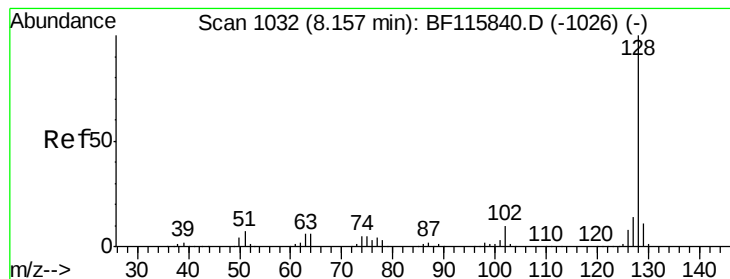


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.836 ng

RT: 8.16 min Scan# 1033

Delta R.T. 0.01 min

Lab File: BF115970.D

Acq: 3 Aug 2019 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

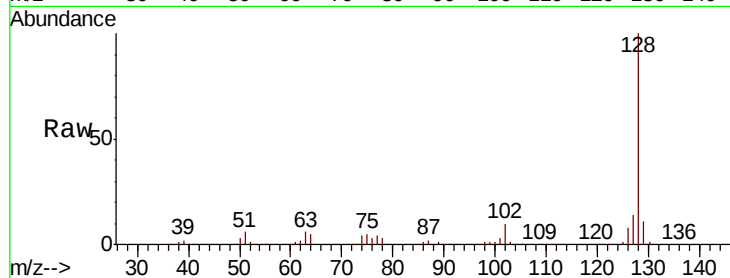
Tgt Ion:128 Resp: 1362240

Ion Ratio Lower Upper

128 100

129 11.2 9.2 13.8

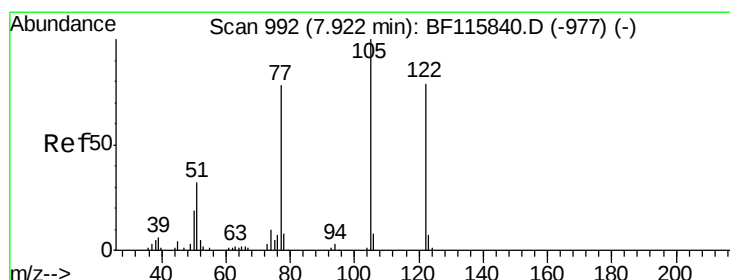
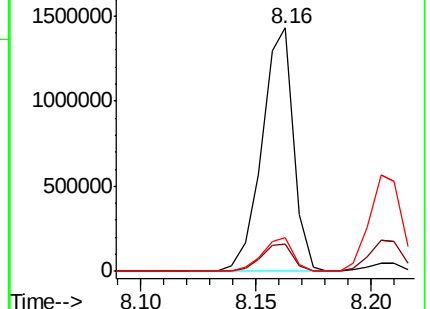
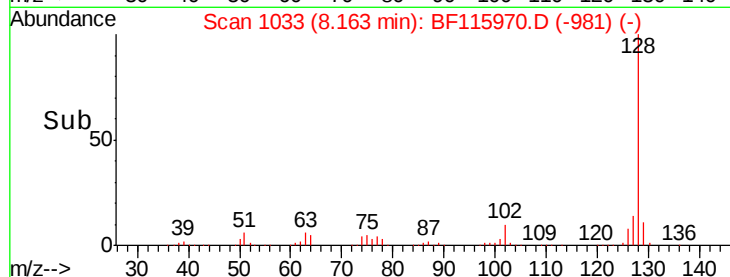
127 14.0 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 32.744 ng

RT: 7.95 min Scan# 996

Delta R.T. 0.02 min

Lab File: BF115970.D

Acq: 3 Aug 2019 10:07

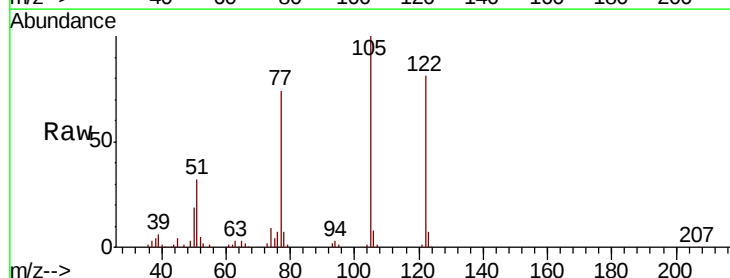
Tgt Ion:122 Resp: 222549

Ion Ratio Lower Upper

122 100

105 123.7 103.1 143.1

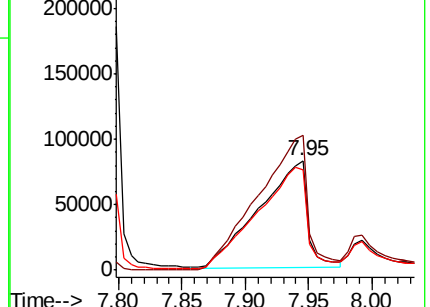
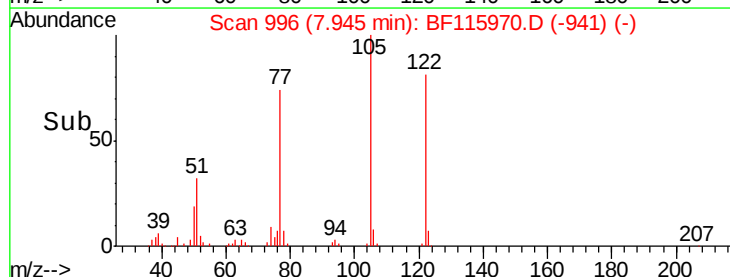
77 91.4 76.8 116.8

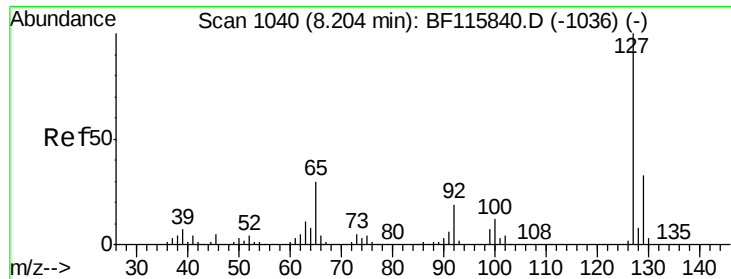


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

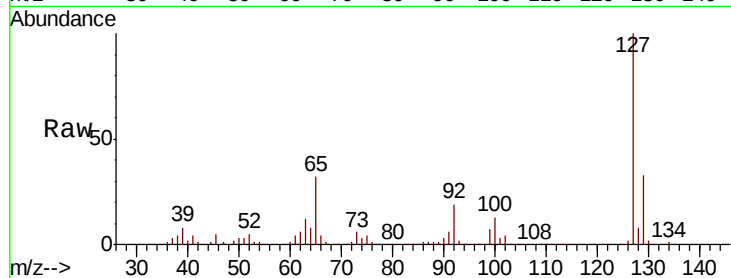




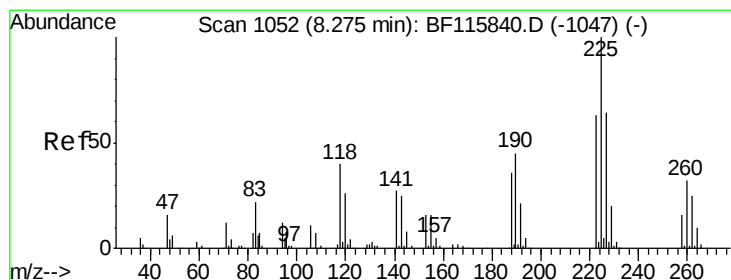
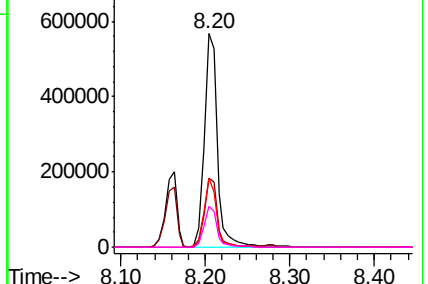
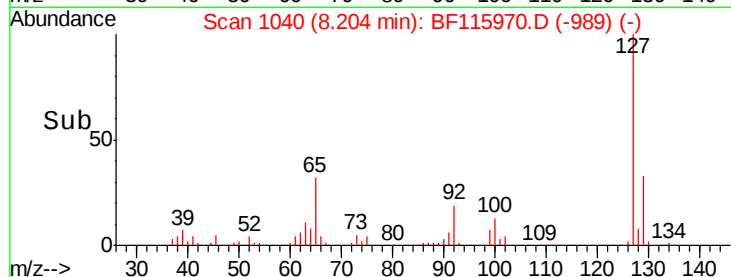
#33
4-Chloroaniline
Concen: 39.705 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF115970.D
Acq: 3 Aug 2019 10:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	127	Resp:	606661
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.0	39.0
65	32.3	23.9	35.9
92	19.4	14.9	22.3

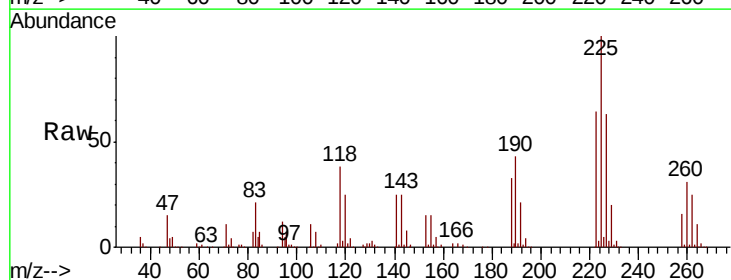


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

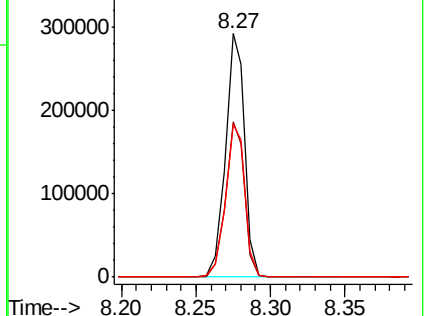
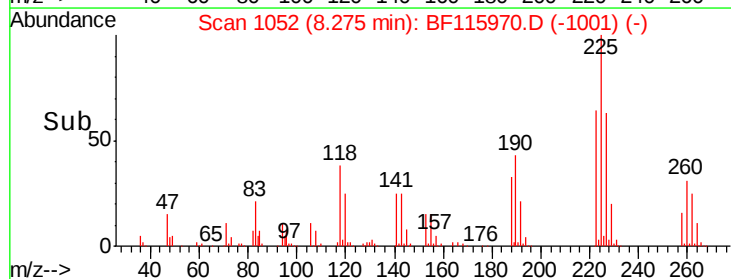


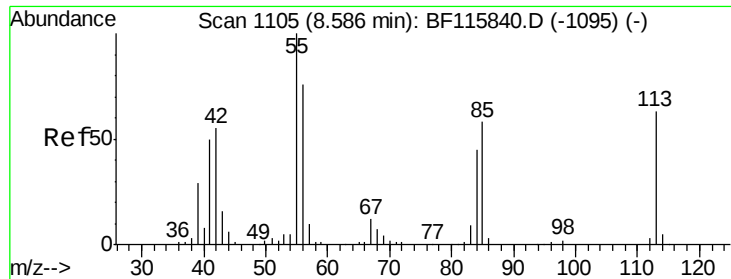
#34
Hexachlorobutadiene
Concen: 39.832 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF115970.D
Acq: 3 Aug 2019 10:07

Tgt Ion:	225	Resp:	266202
Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.4	75.6
227	62.5	51.6	77.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

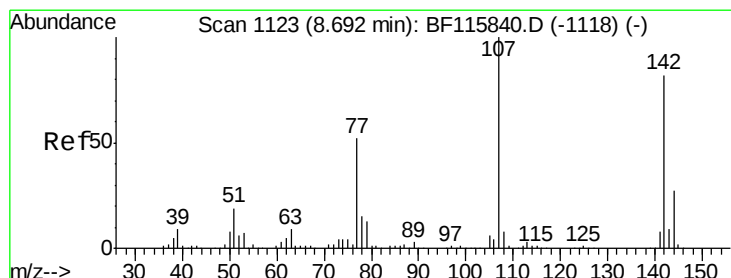
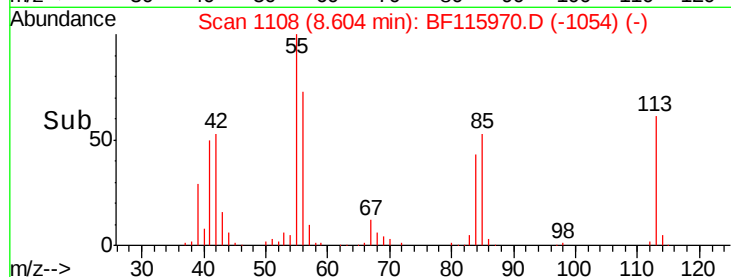
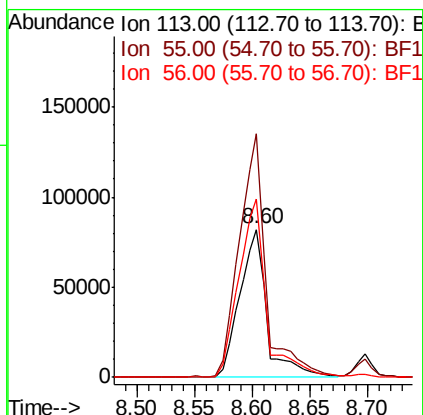
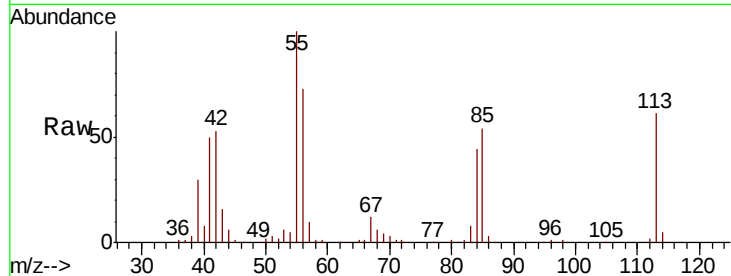




#35
 Caprolactam
 Concen: 40.480 ng
 RT: 8.60 min Scan# 1108
 Delta R.T. 0.02 min
 Lab File: BF115970.D
 Acq: 3 Aug 2019 10:07

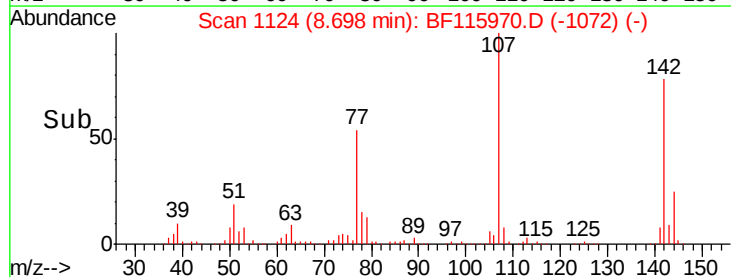
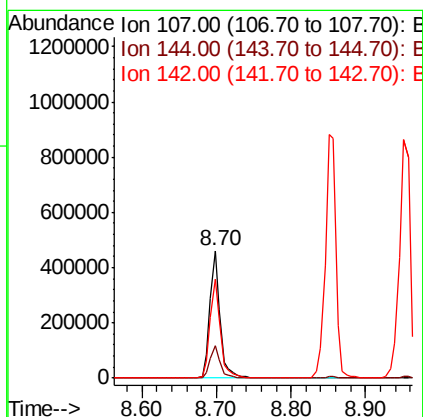
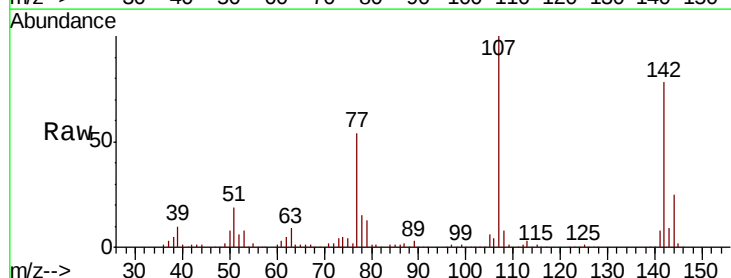
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

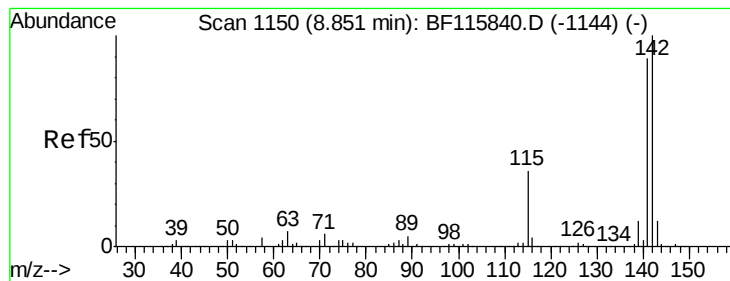
Tgt Ion:113 Resp: 133264
 Ion Ratio Lower Upper
 113 100
 55 164.4 138.1 178.1
 56 120.5 100.6 140.6



#36
 4-Chloro-3-methylphenol
 Concen: 41.363 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. 0.01 min
 Lab File: BF115970.D
 Acq: 3 Aug 2019 10:07

Tgt Ion:107 Resp: 437996
 Ion Ratio Lower Upper
 107 100
 144 25.4 21.4 32.0
 142 78.2 65.5 98.3





#37

2-Methylnaphthalene

Concen: 39.868 ng

RT: 8.85 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BF115970.D

Acq: 3 Aug 2019 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

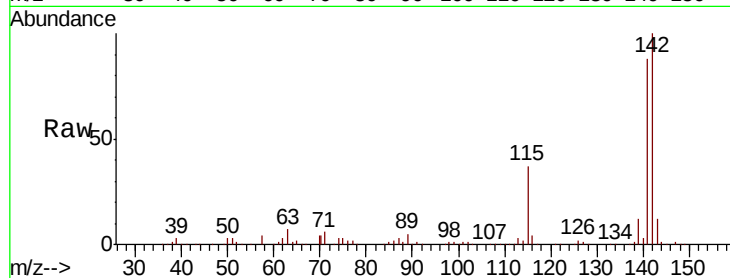
Tgt Ion:142 Resp: 897868

Ion Ratio Lower Upper

142 100

141 88.2 71.4 107.2

115 36.7 28.9 43.3

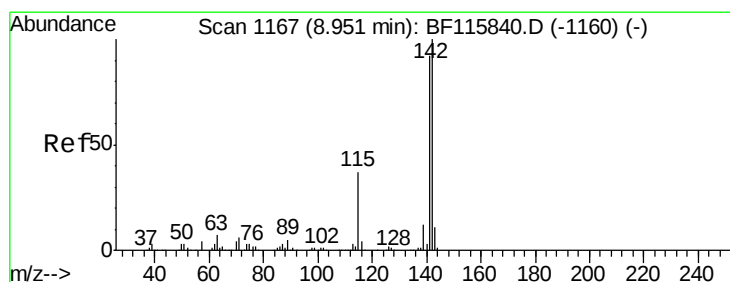
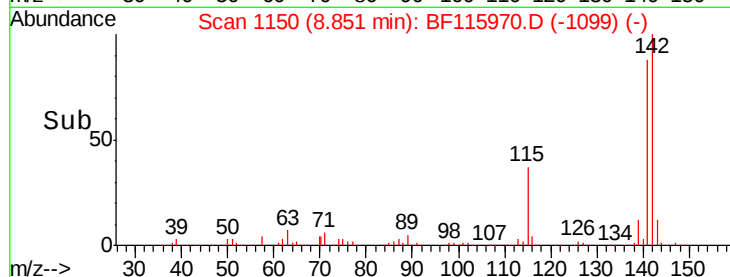
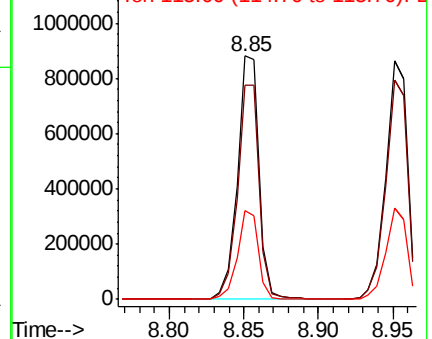


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 40.387 ng

RT: 8.95 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BF115970.D

Acq: 3 Aug 2019 10:07

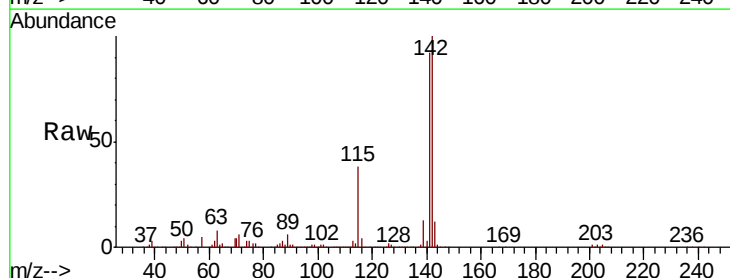
Tgt Ion:142 Resp: 860478

Ion Ratio Lower Upper

142 100

141 92.0 73.8 110.6

116 4.2 3.1 4.7

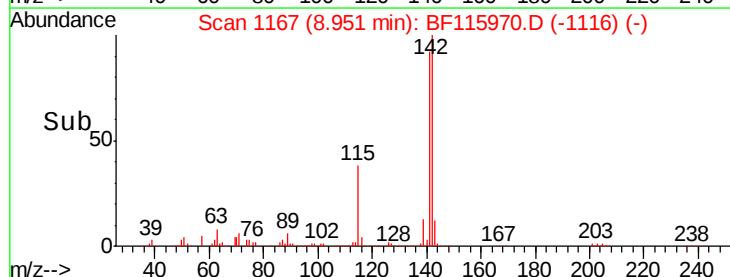
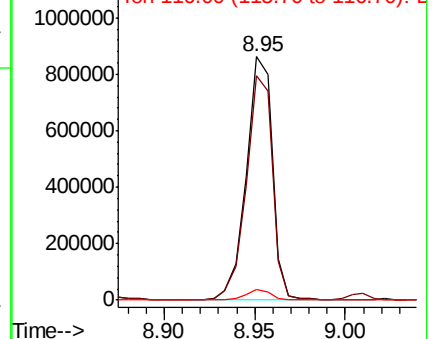


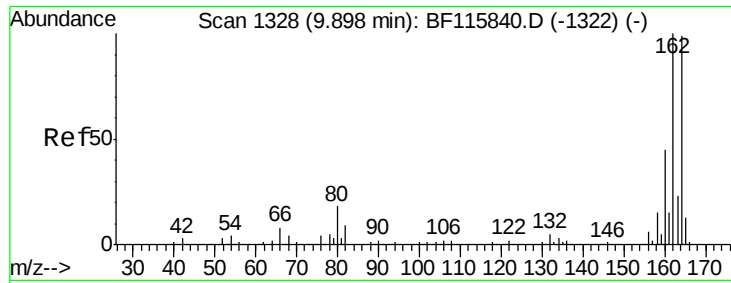
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

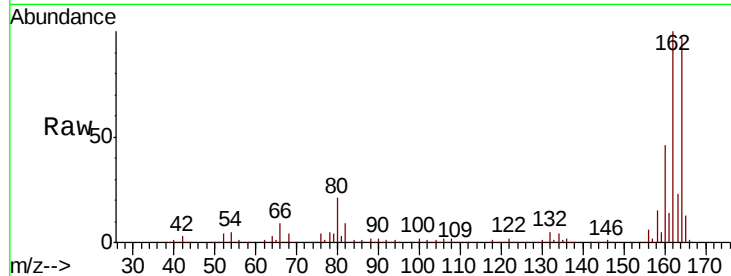




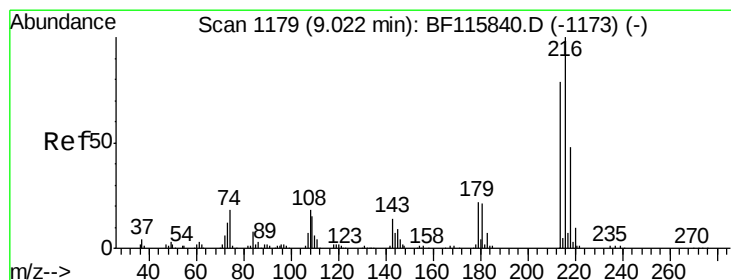
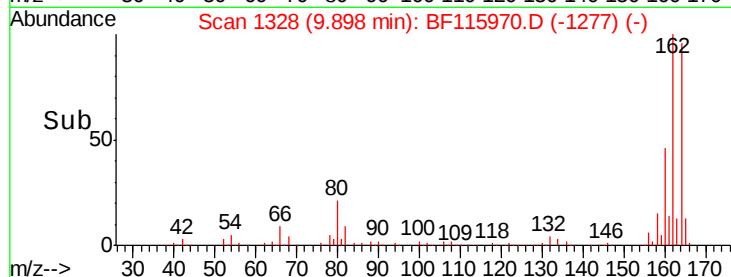
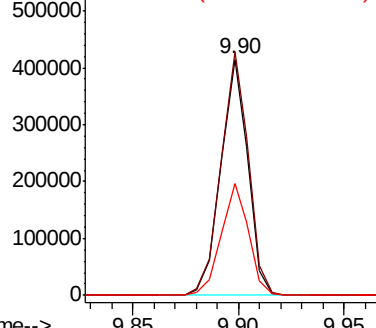
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF115970.D
Acq: 3 Aug 2019 10:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 369167
Ion Ratio Lower Upper
164 100
162 103.1 80.8 121.2
160 47.1 36.2 54.4

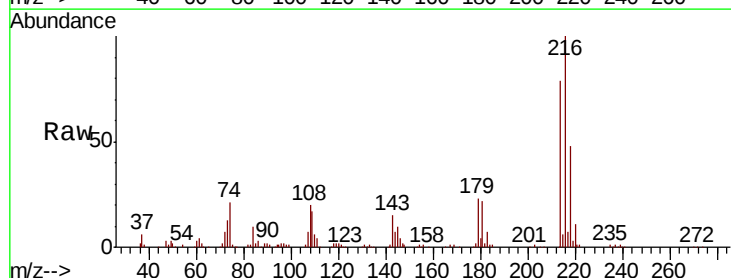


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

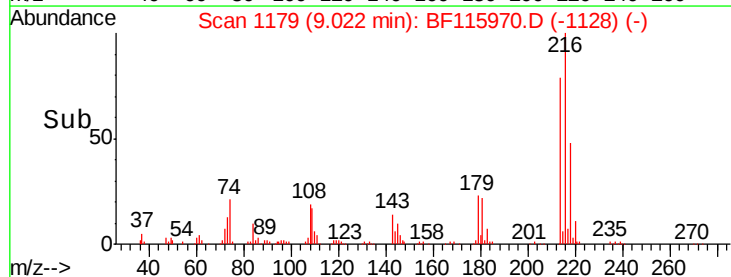
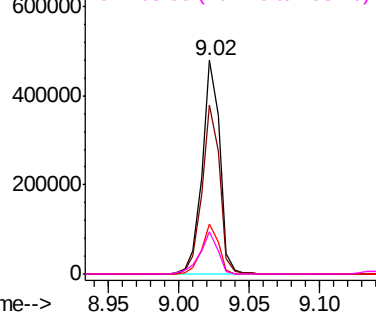


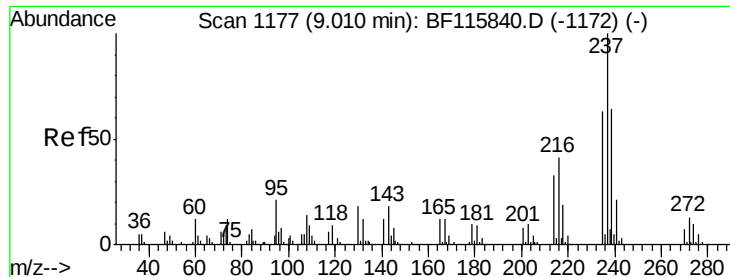
#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.313 ng
RT: 9.02 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BF115970.D
Acq: 3 Aug 2019 10:07

Tgt Ion:216 Resp: 417600
Ion Ratio Lower Upper
216 100
214 78.7 62.8 94.2
179 22.4 17.6 26.4
108 20.2 16.1 24.1



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 34.500 ng

RT: 9.01 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BF115970.D

Acq: 3 Aug 2019 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

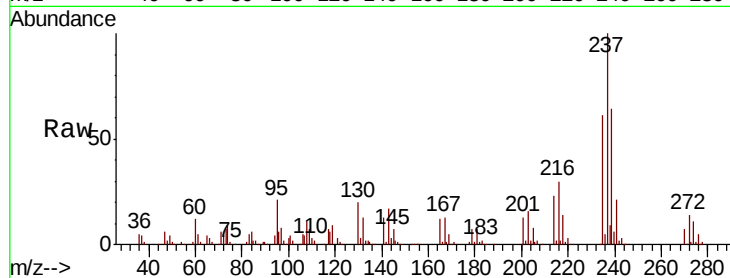
Tgt Ion:237 Resp: 136739

Ion Ratio Lower Upper

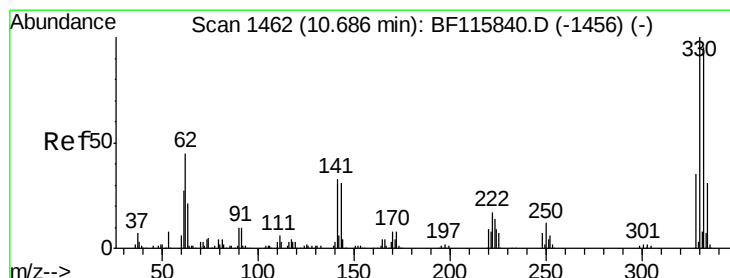
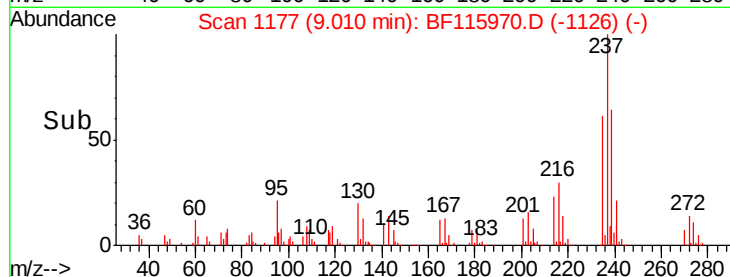
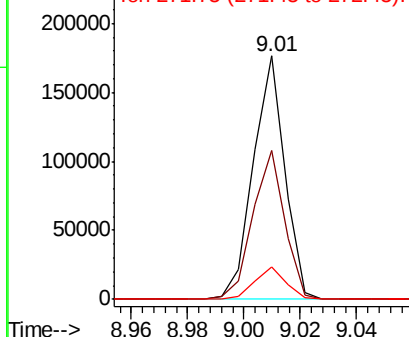
237 100

235 61.2 42.5 82.5

272 13.5 0.0 33.3



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 84.955 ng

RT: 10.69 min Scan# 1463

Delta R.T. 0.01 min

Lab File: BF115970.D

Acq: 3 Aug 2019 10:07

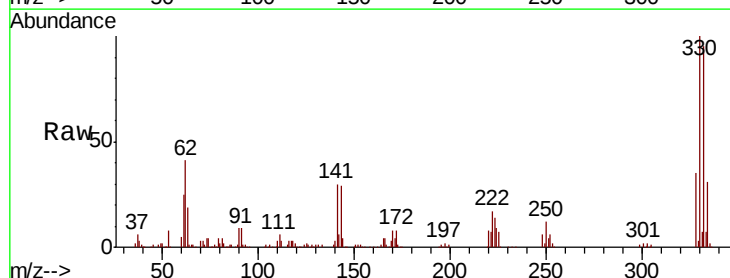
Tgt Ion:330 Resp: 304070

Ion Ratio Lower Upper

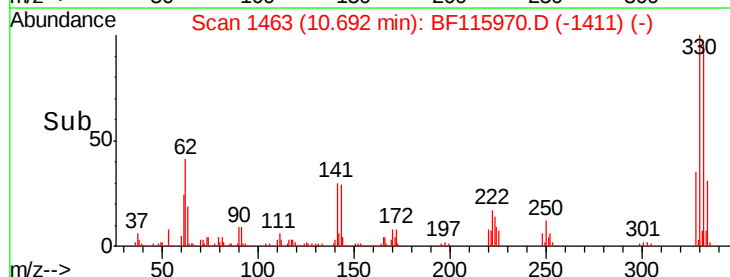
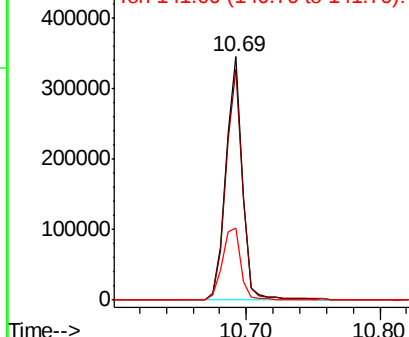
330 100

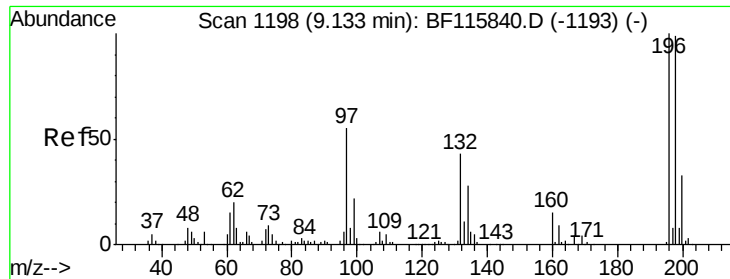
332 96.1 77.7 116.5

141 33.7 28.1 42.1



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

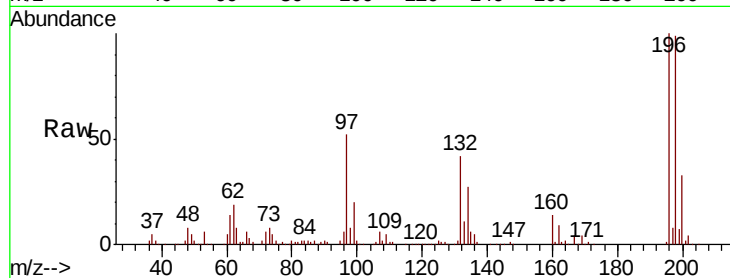




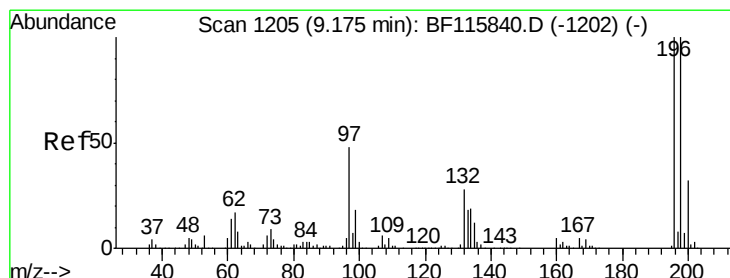
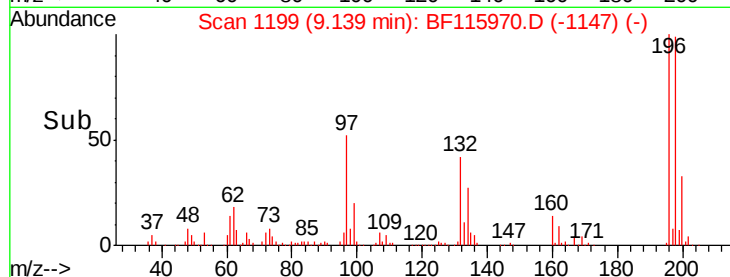
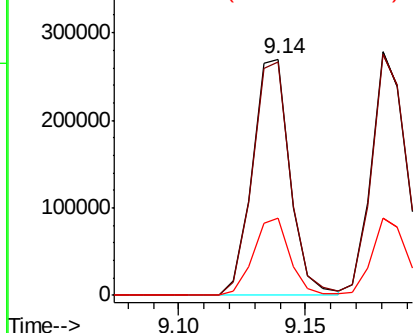
#43
 2,4,6-Trichlorophenol
 Concen: 41.263 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF115970.D
 Acq: 3 Aug 2019 10:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.8	79.1	118.7
200	32.6	26.0	39.0



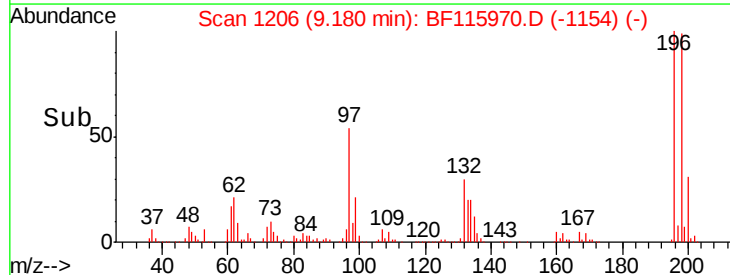
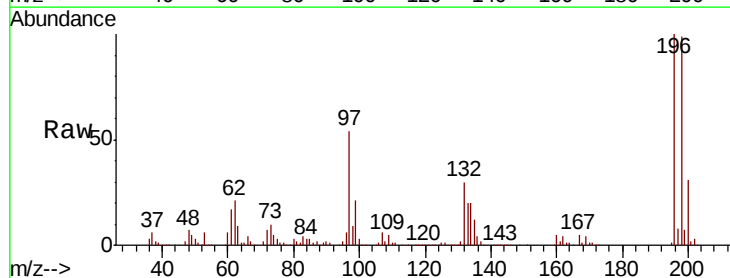
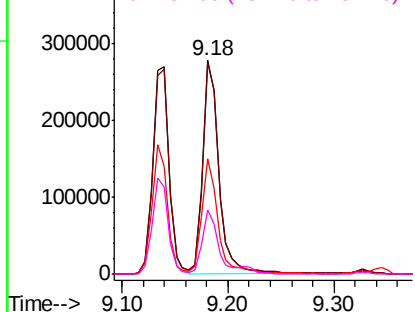
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

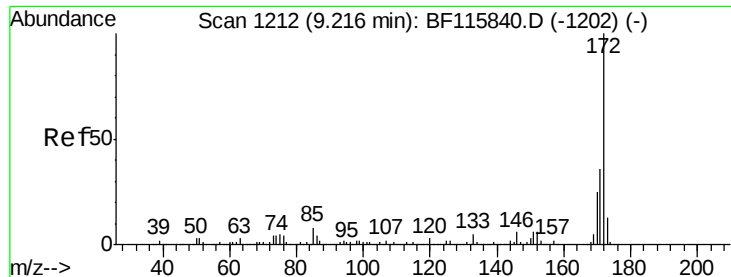


#44
 2,4,5-Trichlorophenol
 Concen: 41.659 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BF115970.D
 Acq: 3 Aug 2019 10:07

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.8	80.1	120.1
97	54.2	38.9	58.3
132	30.0	22.6	33.8

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

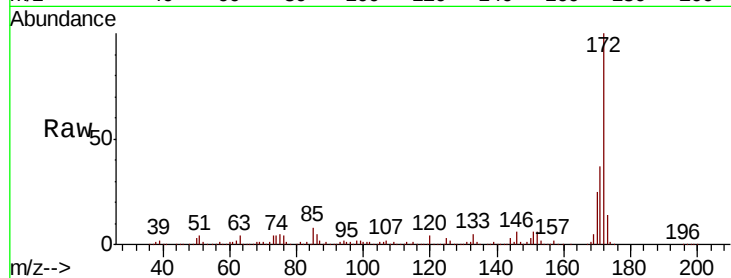




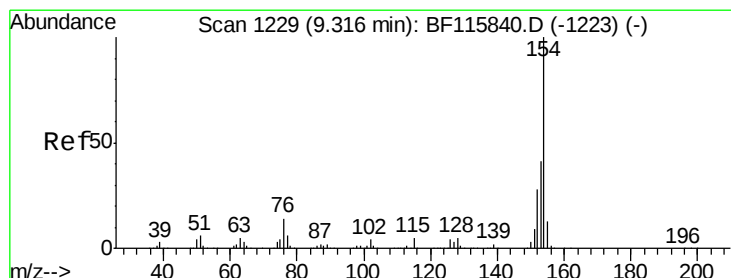
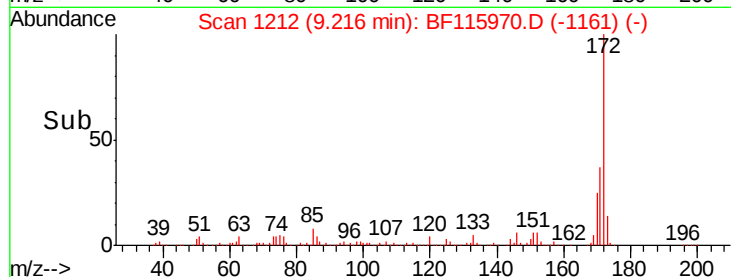
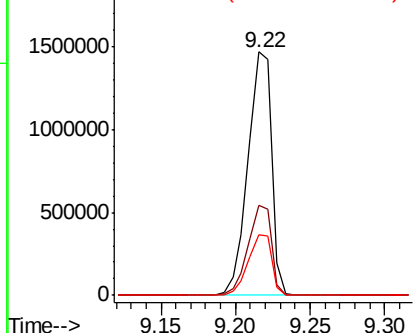
#45
2-Fluorobiphenyl
Concen: 81.662 ng
RT: 9.22 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF115970.D
Acq: 3 Aug 2019 10:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 1609483
Ion Ratio Lower Upper
172 100
171 36.8 29.1 43.7
170 25.1 20.1 30.1

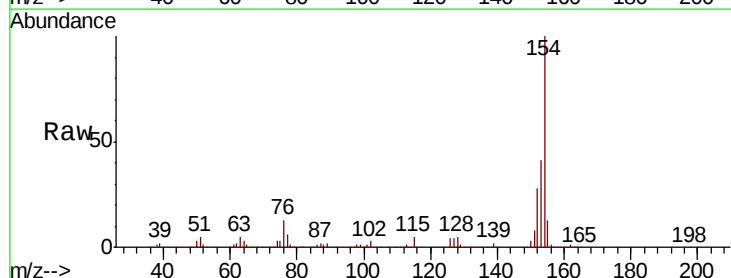


Abundance Ion 172.00 (171.70 to 172.70): E
2000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

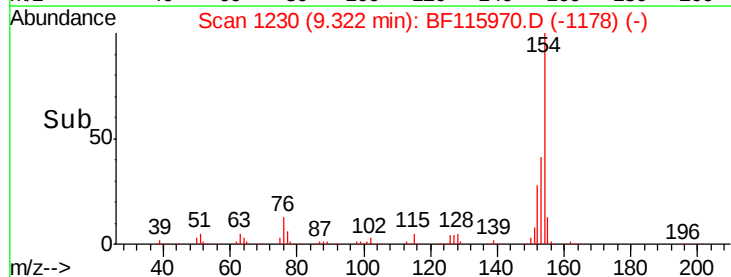
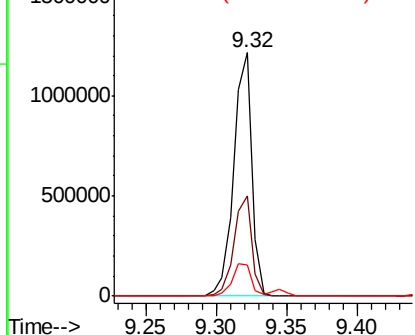


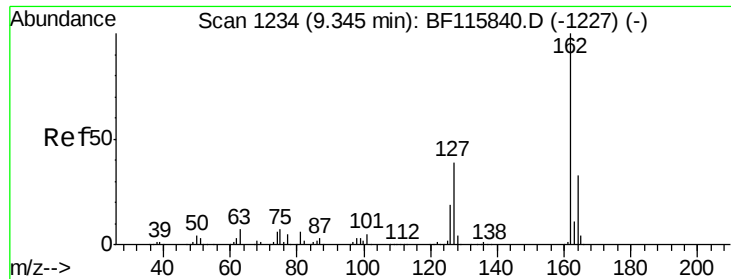
#46
1,1'-Biphenyl
Concen: 41.577 ng
RT: 9.32 min Scan# 1230
Delta R.T. 0.01 min
Lab File: BF115970.D
Acq: 3 Aug 2019 10:07

Tgt Ion:154 Resp: 1083633
Ion Ratio Lower Upper
154 100
153 41.1 20.9 60.9
76 12.9 0.0 34.3



Abundance Ion 154.00 (153.70 to 154.70): E
1500000 Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

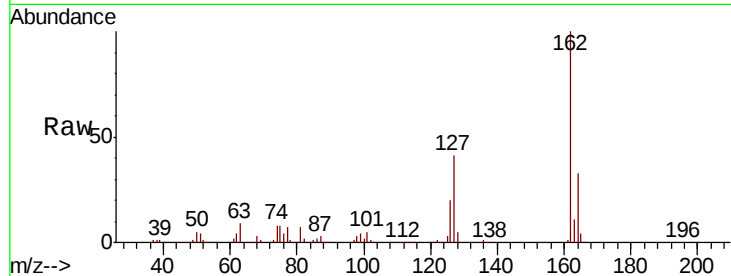




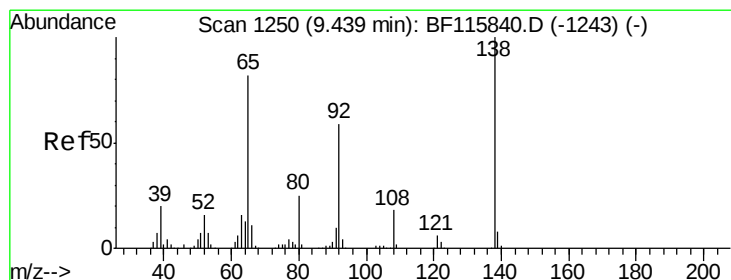
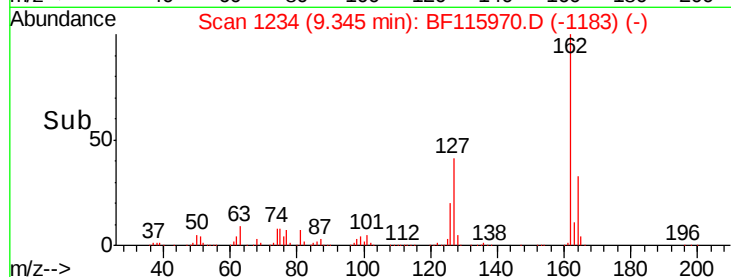
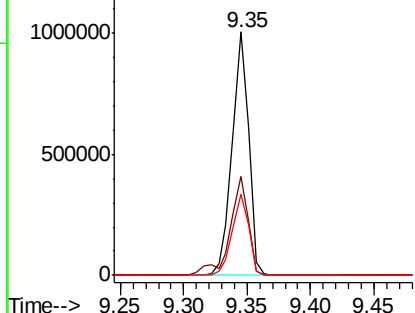
#47
 2-Chloronaphthalene
 Concen: 41.465 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. 0.00 min
 Lab File: BF115970.D
 Acq: 3 Aug 2019 10:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.8	31.3	46.9
164	33.3	26.6	40.0

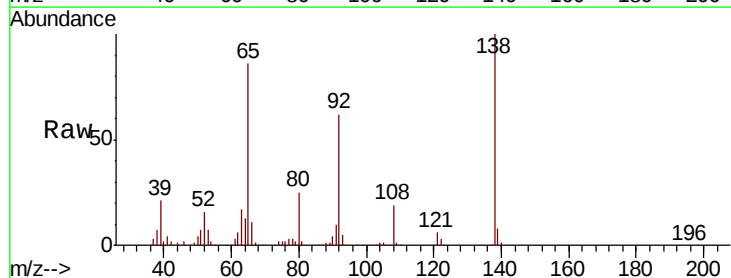


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

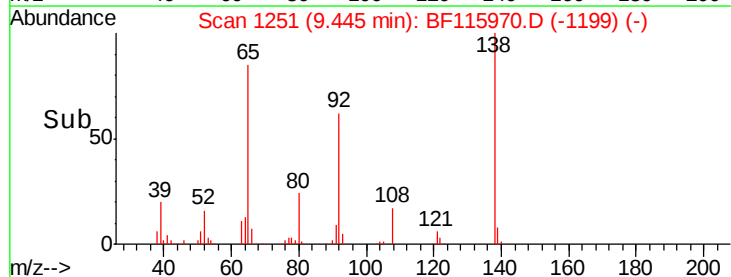
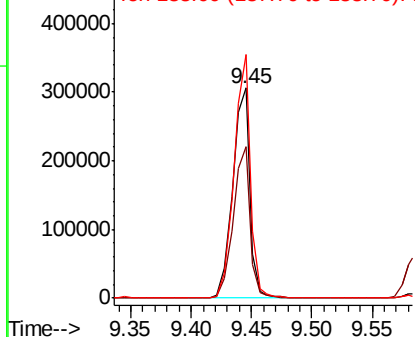


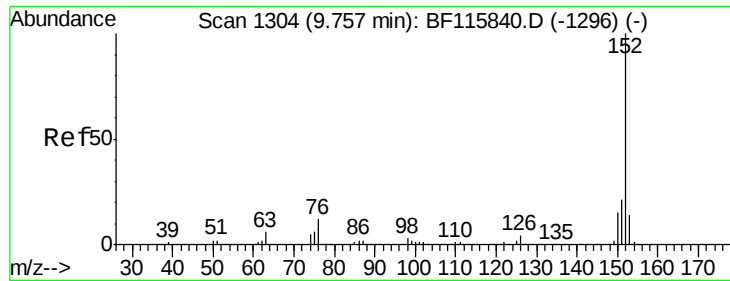
#48
 2-Nitroaniline
 Concen: 42.517 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. 0.01 min
 Lab File: BF115970.D
 Acq: 3 Aug 2019 10:07

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.0	57.1	85.7
138	116.0	97.1	145.7



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.706 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.01 min

Lab File: BF115970.D

Acq: 3 Aug 2019 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

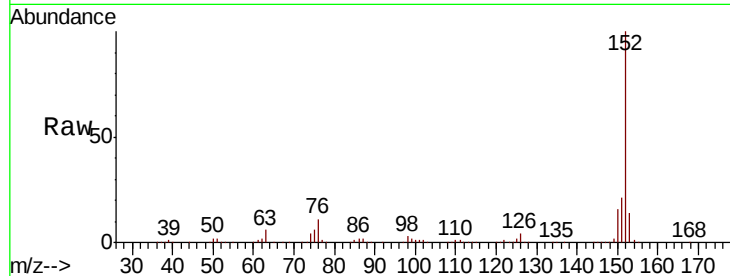
Tgt Ion:152 Resp: 1351509

Ion Ratio Lower Upper

152 100

151 21.2 16.8 25.2

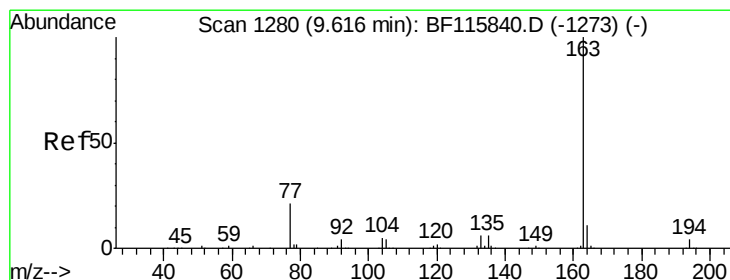
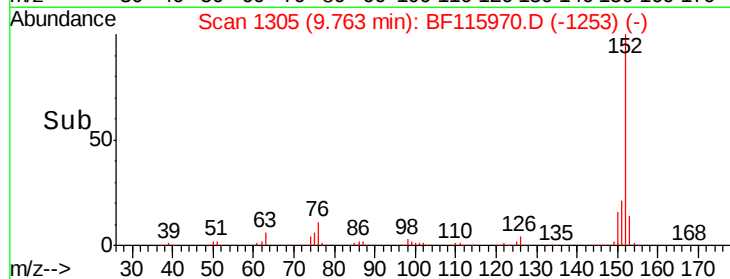
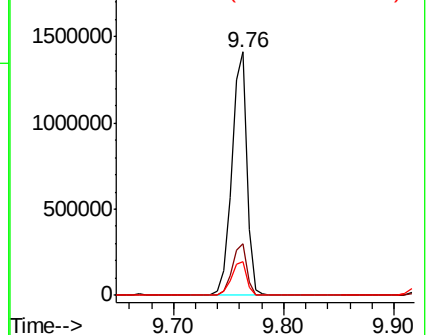
153 14.1 11.6 17.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.068 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.01 min

Lab File: BF115970.D

Acq: 3 Aug 2019 10:07

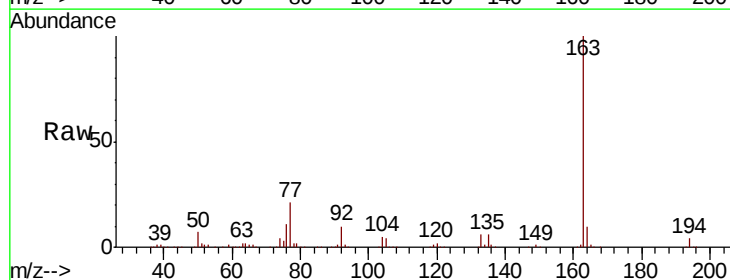
Tgt Ion:163 Resp: 1107697

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

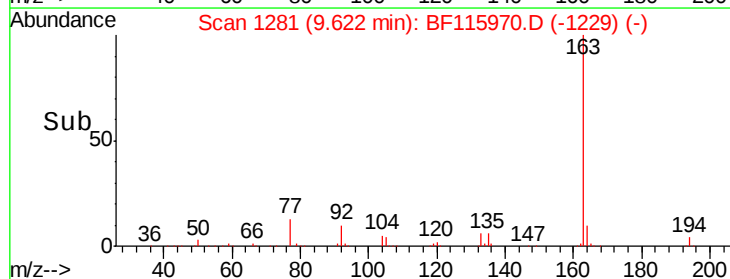
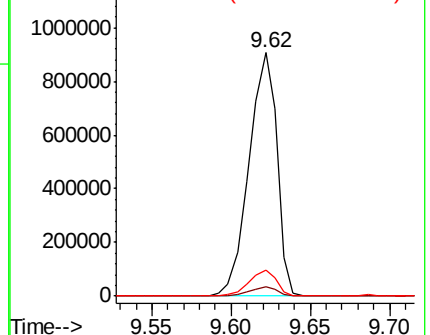
164 10.5 8.4 12.6

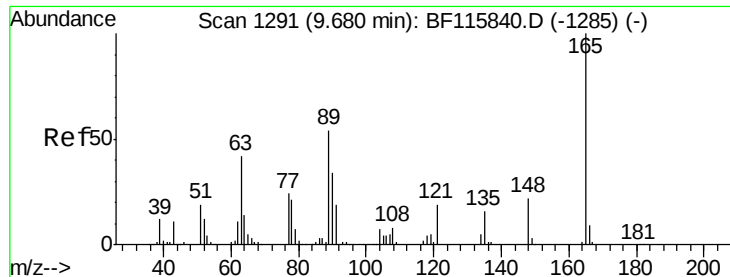


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 43.822 ng

RT: 9.69 min Scan# 1292

Delta R.T. 0.01 min

Lab File: BF115970.D

Acq: 3 Aug 2019 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

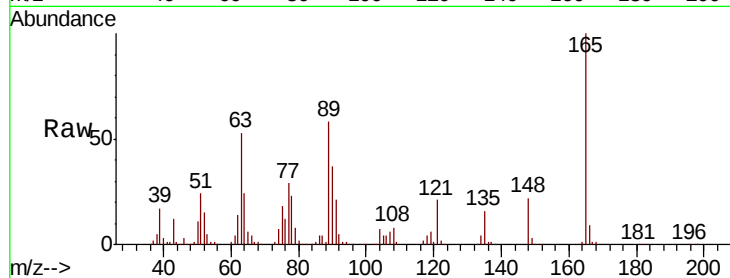
Tgt Ion:165 Resp: 239378

Ion Ratio Lower Upper

165 100

63 53.3 39.4 59.2

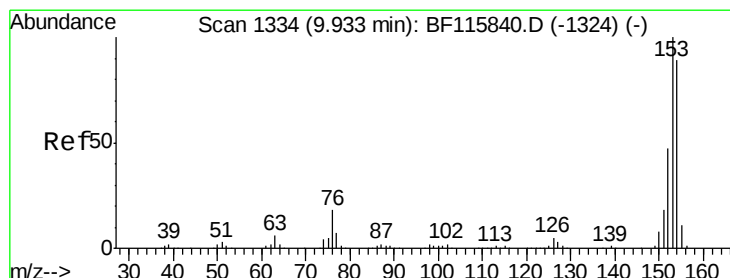
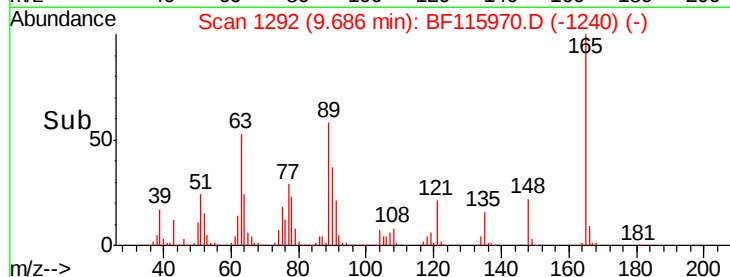
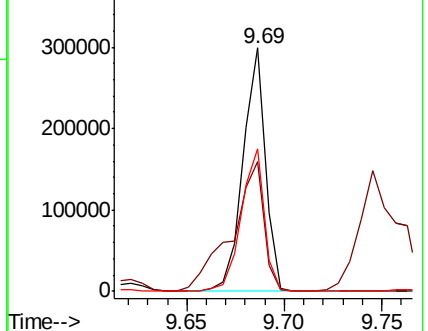
89 58.5 43.0 64.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 41.692 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF115970.D

Acq: 3 Aug 2019 10:07

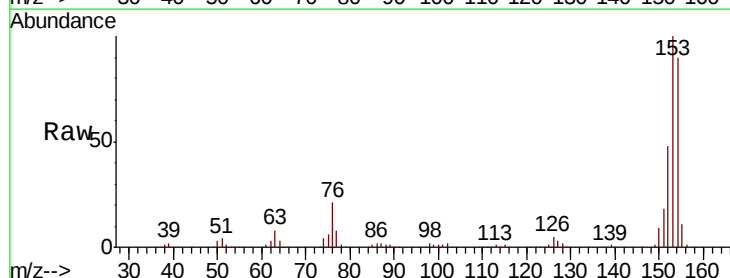
Tgt Ion:154 Resp: 809442

Ion Ratio Lower Upper

154 100

153 111.4 90.1 135.1

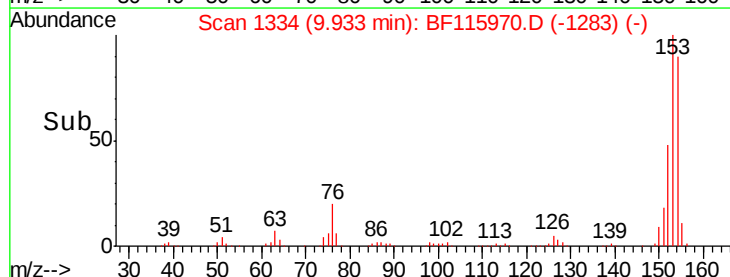
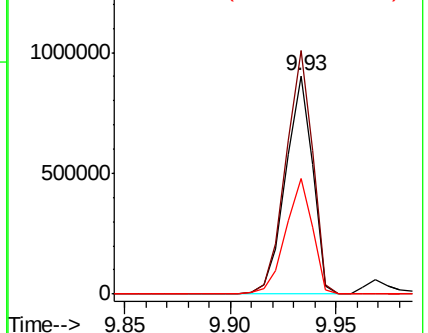
152 53.2 42.6 63.8

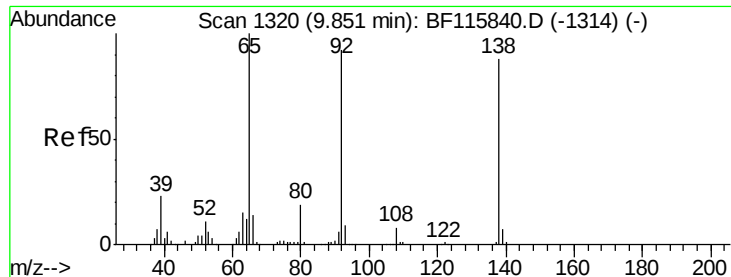


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

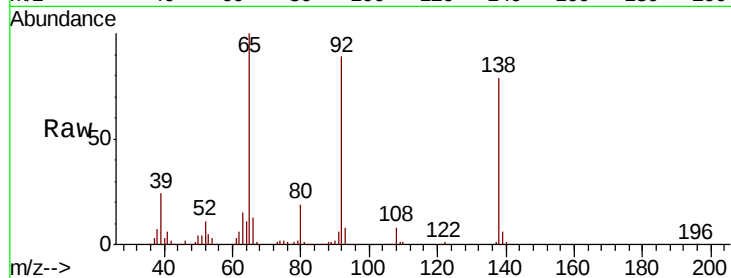




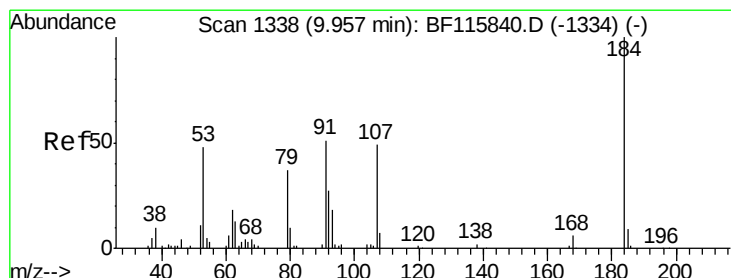
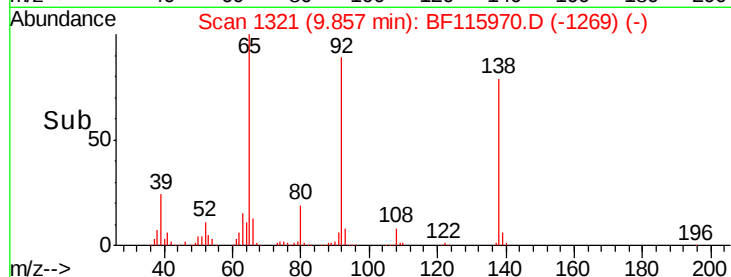
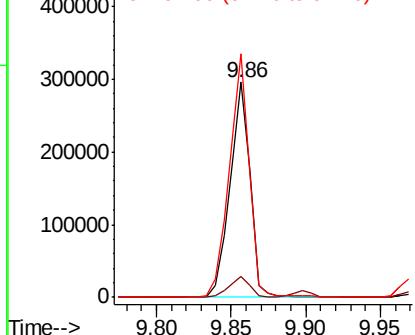
#53
 3-Nitroaniline
 Concen: 41.852 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. 0.01 min
 Lab File: BF115970.D
 Acq: 3 Aug 2019 10:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:138 Resp: 282485
 Ion Ratio Lower Upper
 138 100
 108 9.8 7.4 11.2
 92 113.3 83.9 125.9

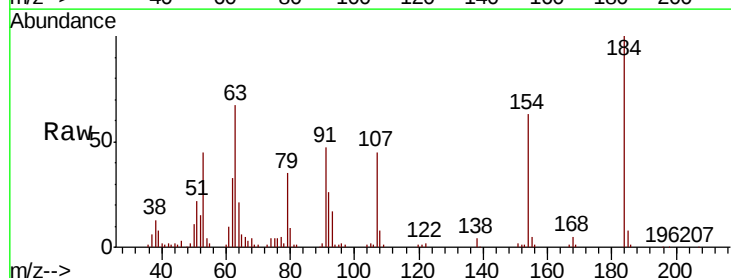


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

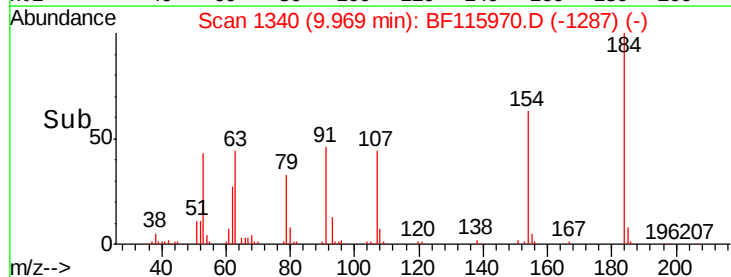
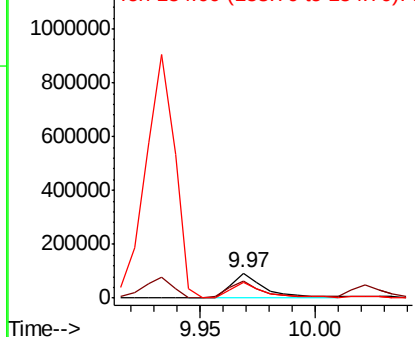


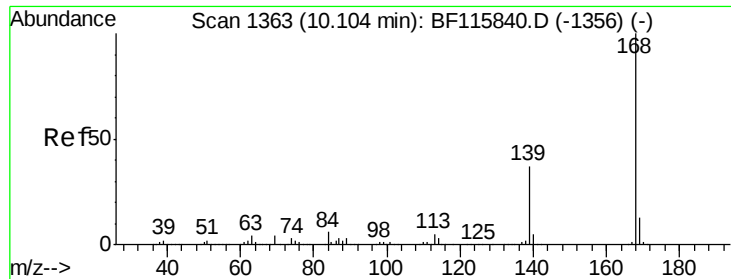
#54
 2,4-Dinitrophenol
 Concen: 38.102 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. 0.01 min
 Lab File: BF115970.D
 Acq: 3 Aug 2019 10:07

Tgt Ion:184 Resp: 93260
 Ion Ratio Lower Upper
 184 100
 63 67.4 56.7 85.1
 154 63.1 51.9 77.9



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

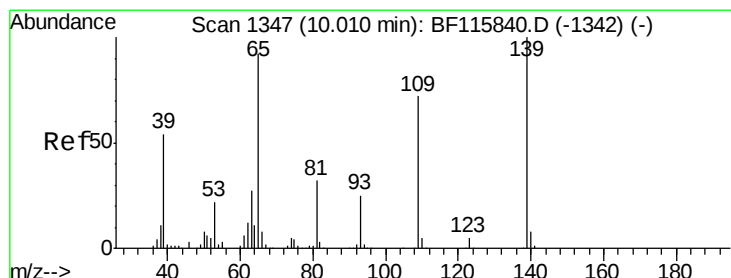
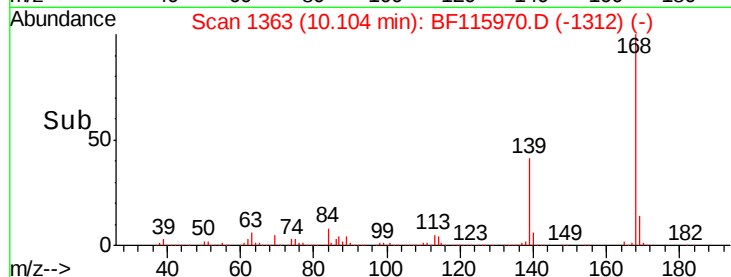
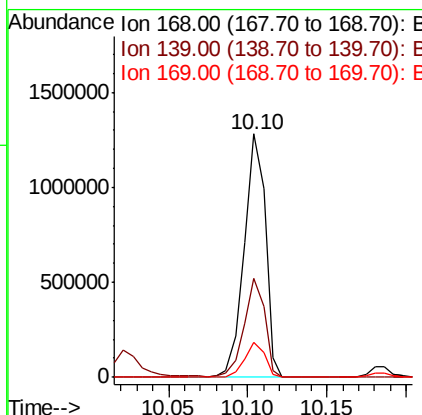
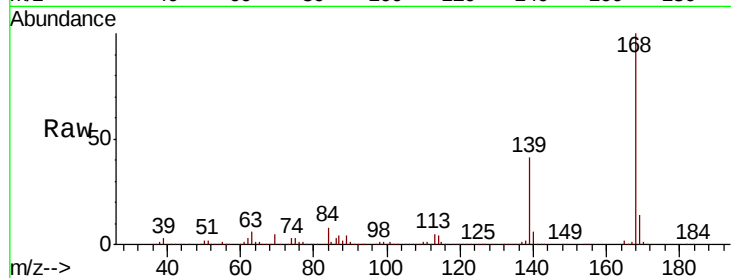




#55
Dibenzofuran
Concen: 41.972 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BF115970.D
Acq: 3 Aug 2019 10:07

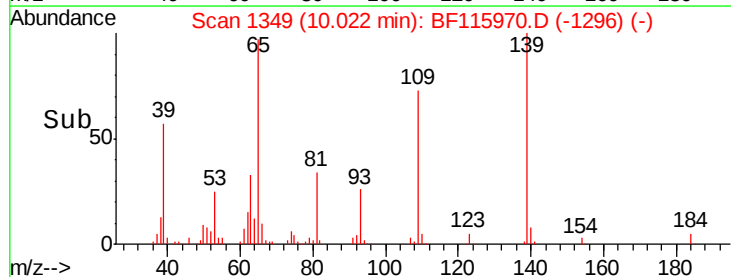
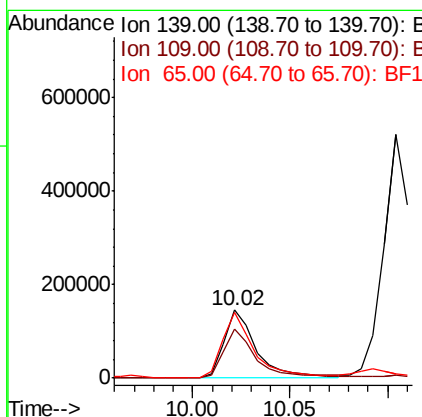
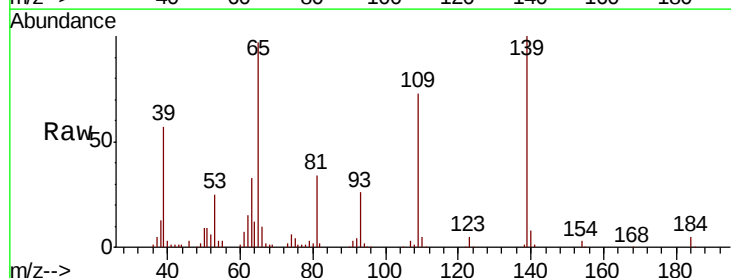
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

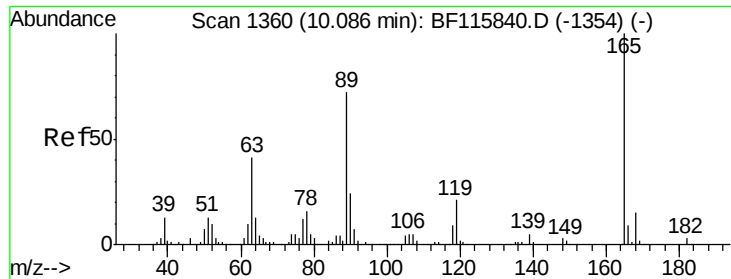
Tgt Ion:168 Resp: 1185050
Ion Ratio Lower Upper
168 100
139 40.6 30.2 45.2
169 14.2 10.8 16.2



#56
4-Nitrophenol
Concen: 38.956 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF115970.D
Acq: 3 Aug 2019 10:07

Tgt Ion:139 Resp: 168437
Ion Ratio Lower Upper
139 100
109 72.5 52.0 92.0
65 97.3 72.6 112.6





#57

2,4-Dinitrotoluene

Concen: 43.328 ng

RT: 10.09 min Scan# 1361

Delta R.T. 0.01 min

Lab File: BF115970.D

Acq: 3 Aug 2019 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:165 Resp: 315118

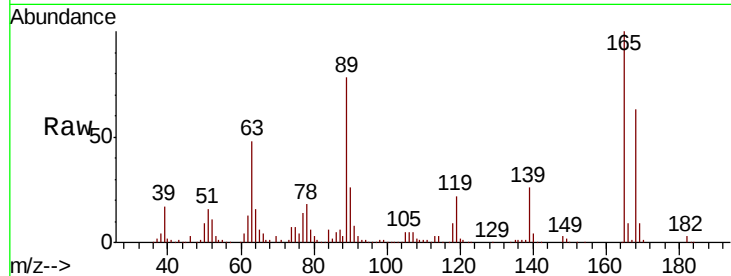
Ion Ratio Lower Upper

165 100

63 48.4 33.2 49.8

89 77.7 57.3 85.9

182 2.6 2.1 3.1

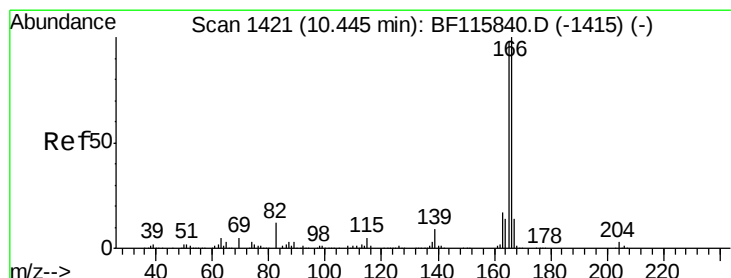
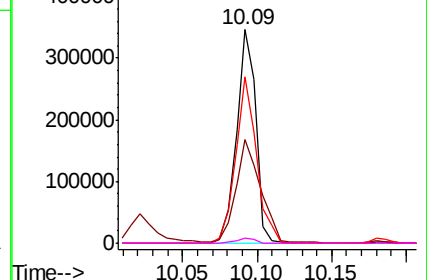
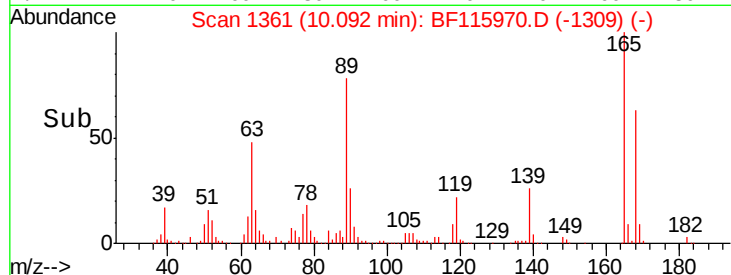


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 42.982 ng

RT: 10.45 min Scan# 1422

Delta R.T. 0.01 min

Lab File: BF115970.D

Acq: 3 Aug 2019 10:07

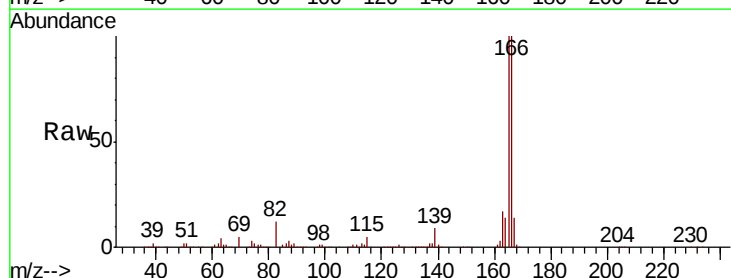
Tgt Ion:166 Resp: 933676

Ion Ratio Lower Upper

166 100

165 99.7 78.6 118.0

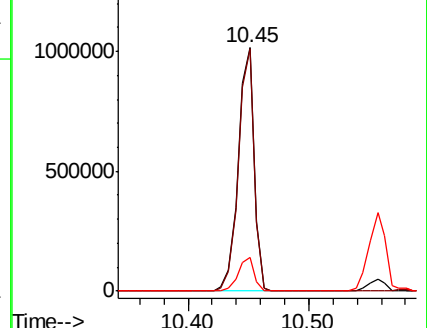
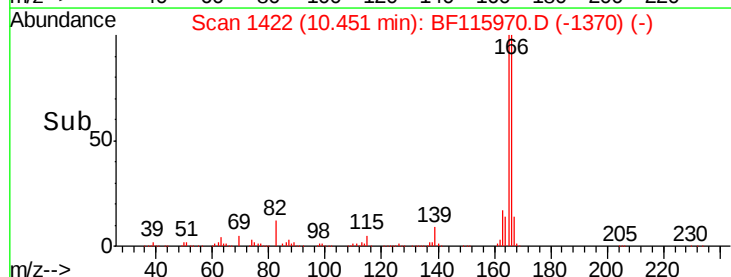
167 13.6 10.9 16.3

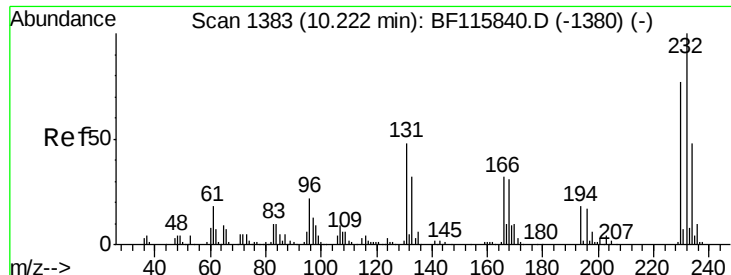


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

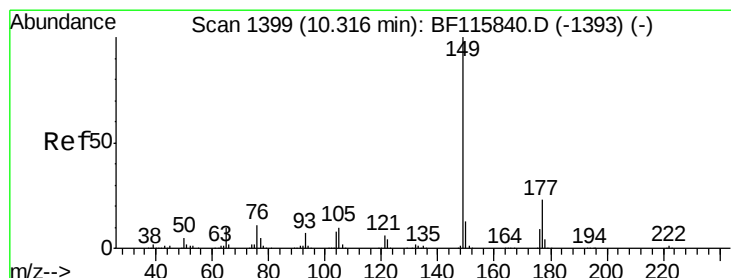
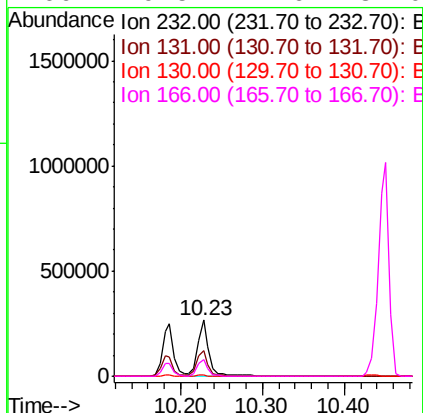
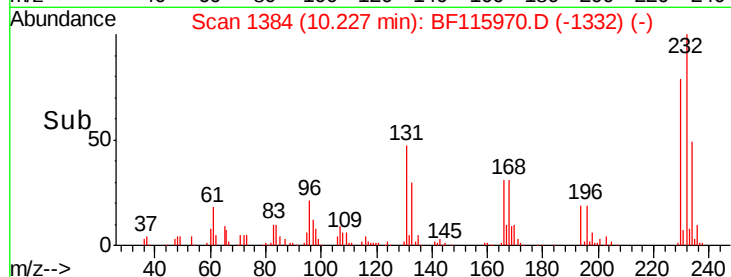
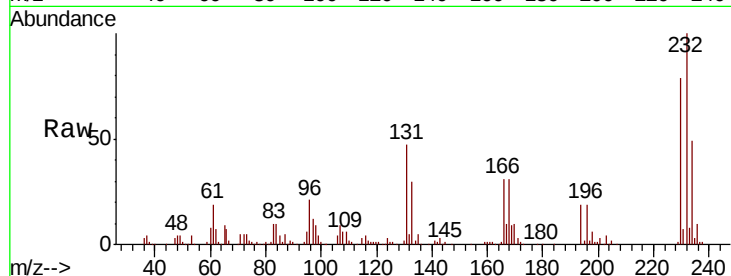




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.279 ng
RT: 10.23 min Scan# 1384
Delta R.T. 0.01 min
Lab File: BF115970.D
Acq: 3 Aug 2019 10:07

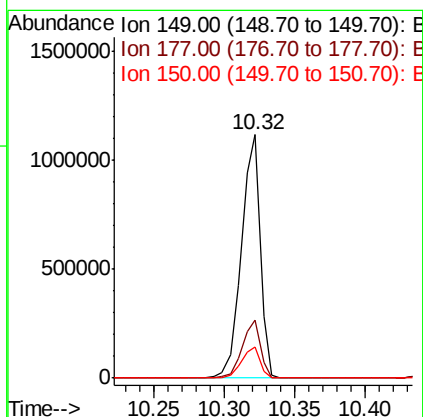
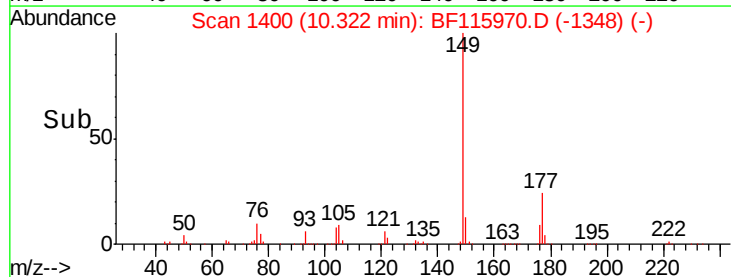
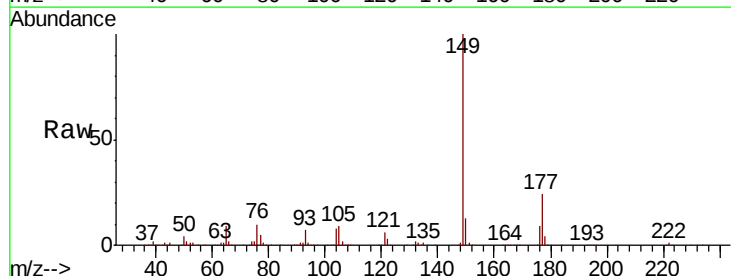
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

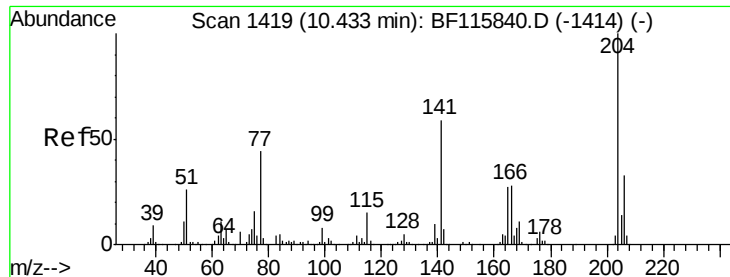
Tgt Ion: 232 Resp: 249778
Ion Ratio Lower Upper
232 100
131 45.4 37.6 56.4
130 2.3 1.8 2.8
166 29.5 24.6 37.0



#60
Diethylphthalate
Concen: 43.870 ng
RT: 10.32 min Scan# 1400
Delta R.T. 0.01 min
Lab File: BF115970.D
Acq: 3 Aug 2019 10:07

Tgt Ion: 149 Resp: 1029536
Ion Ratio Lower Upper
149 100
177 23.6 18.4 27.6
150 12.6 10.1 15.1

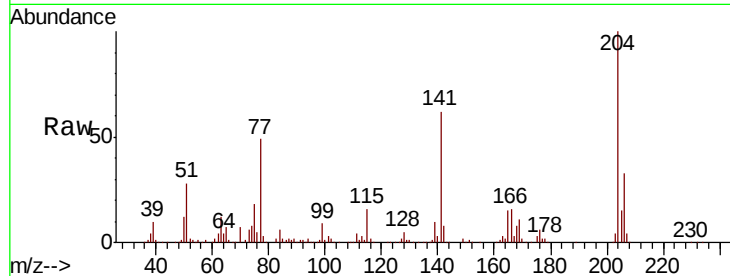




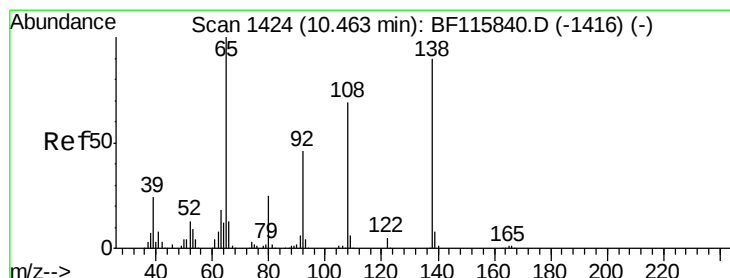
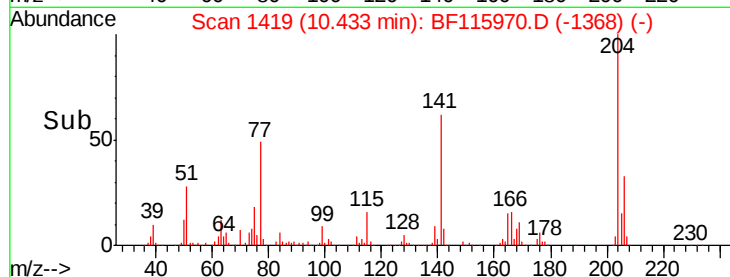
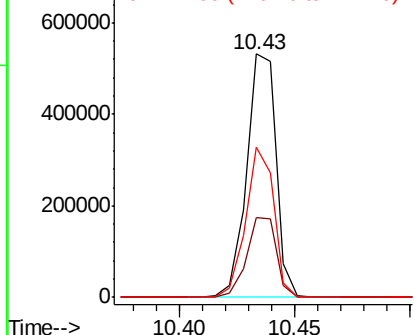
#61
 4-Chlorophenyl-phenylether
 Concen: 43.070 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. 0.00 min
 Lab File: BF115970.D
 Acq: 3 Aug 2019 10:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:204 Resp: 473835
 Ion Ratio Lower Upper
 204 100
 206 32.7 26.4 39.6
 141 61.9 47.0 70.4

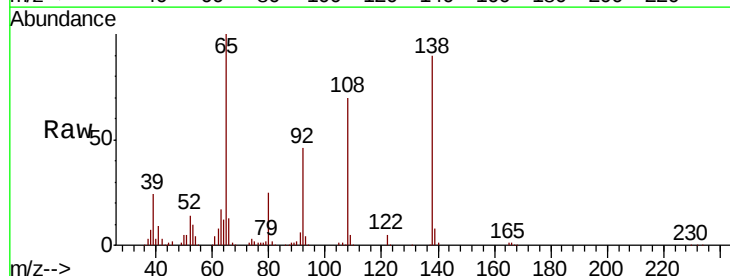


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

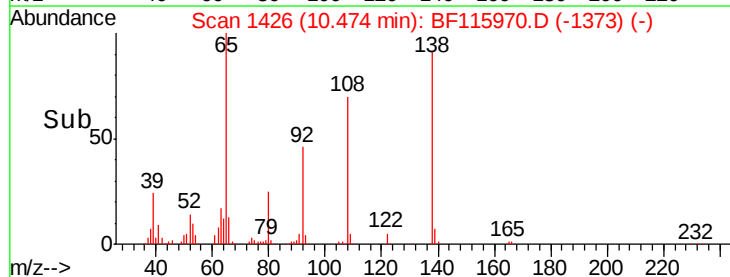
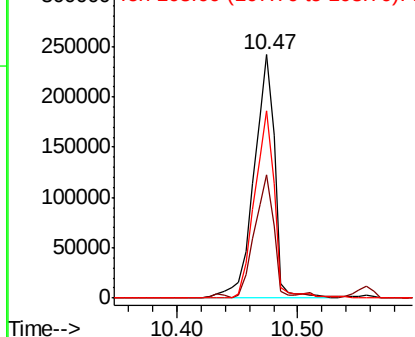


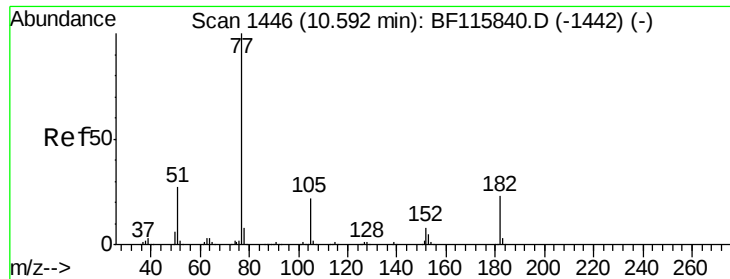
#62
 4-Nitroaniline
 Concen: 41.701 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.01 min
 Lab File: BF115970.D
 Acq: 3 Aug 2019 10:07

Tgt Ion:138 Resp: 290878
 Ion Ratio Lower Upper
 138 100
 92 50.6 31.0 71.0
 108 77.1 56.7 96.7



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 108.00 (107.70 to 108.70): E

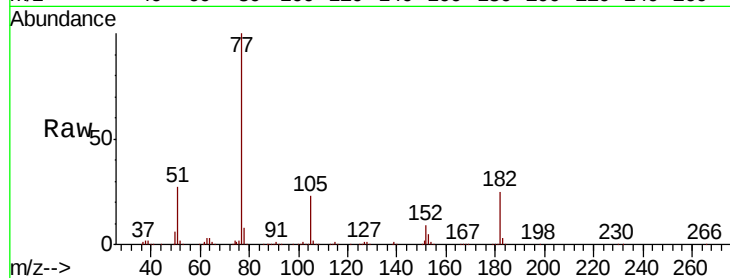




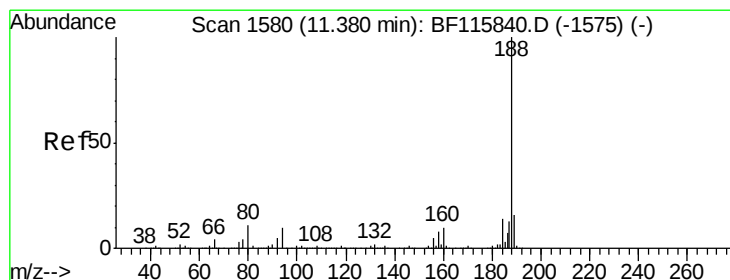
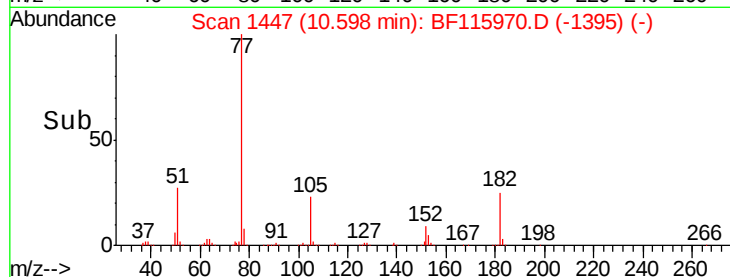
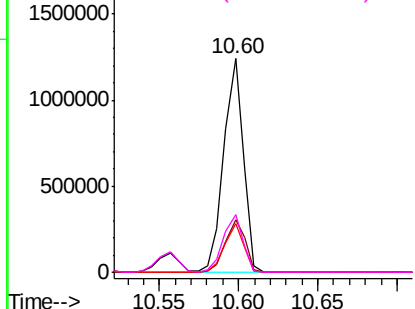
#63
Azobenzene
Concen: 43.993 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.01 min
Lab File: BF115970.D
Acq: 3 Aug 2019 10:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 1061910
Ion Ratio Lower Upper
77 100
182 24.7 2.6 42.6
105 22.6 1.6 41.6
51 27.2 7.4 47.4

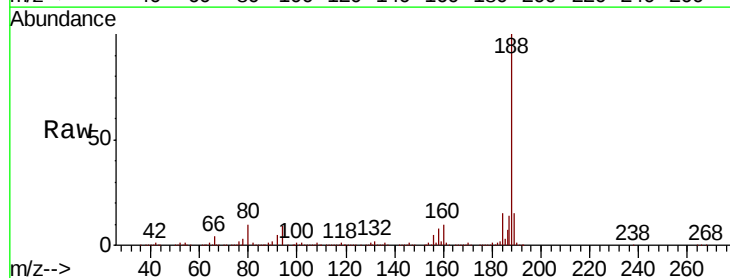


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

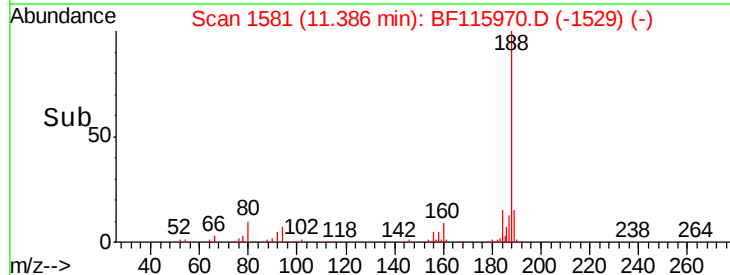
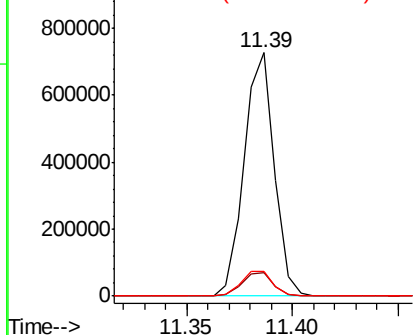


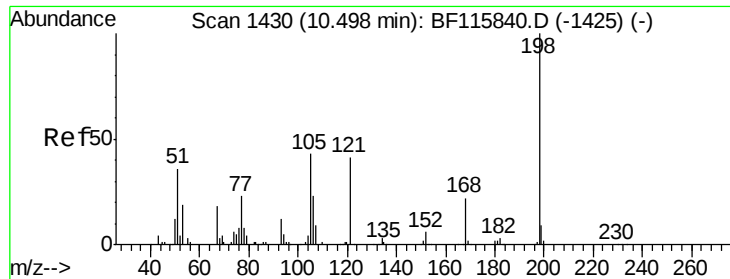
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. 0.01 min
Lab File: BF115970.D
Acq: 3 Aug 2019 10:07

Tgt Ion: 188 Resp: 718081
Ion Ratio Lower Upper
188 100
94 9.5 8.0 12.0
80 10.3 8.6 12.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

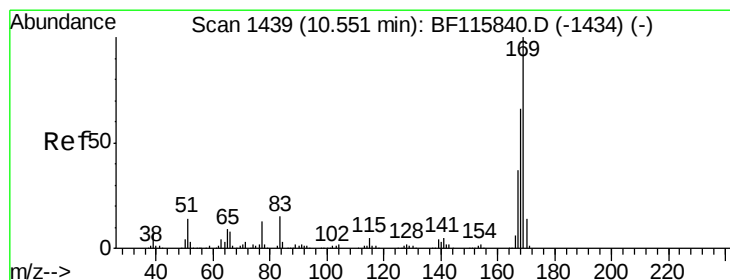
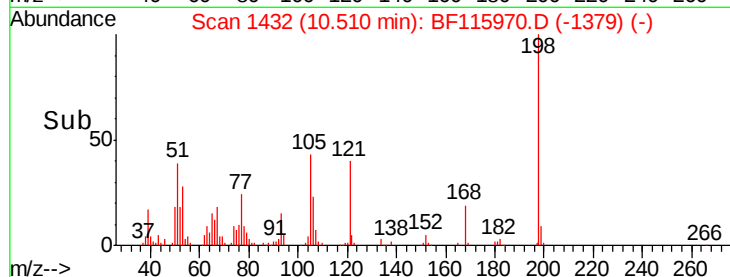
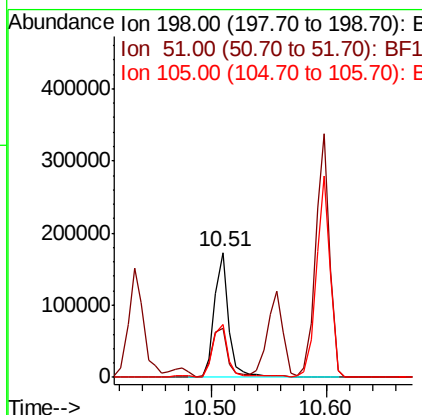
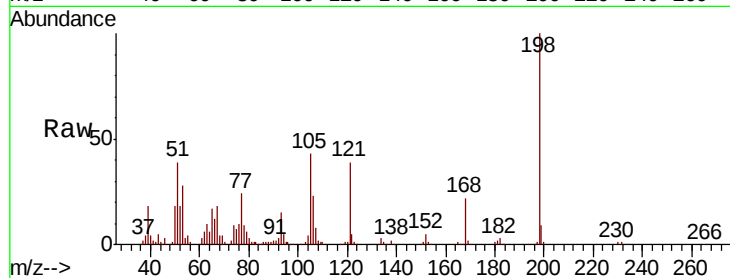




#65
 4,6-Dinitro-2-methylphenol
 Concen: 39.126 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: BF115970.D
 Acq: 3 Aug 2019 10:07

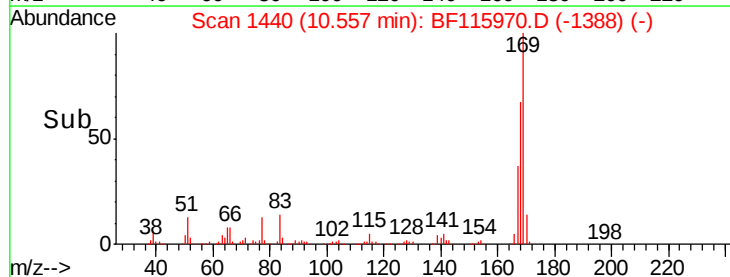
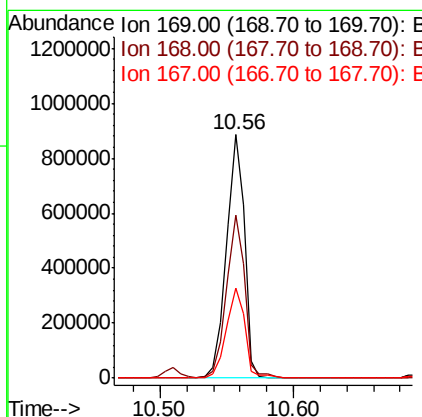
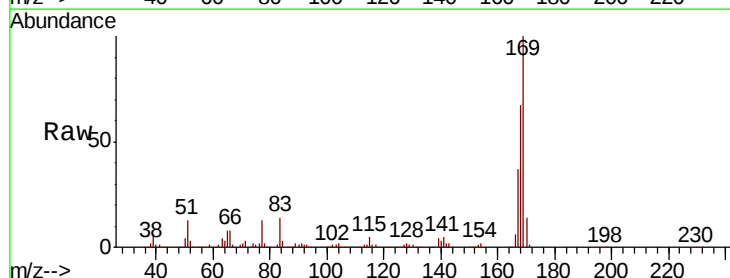
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

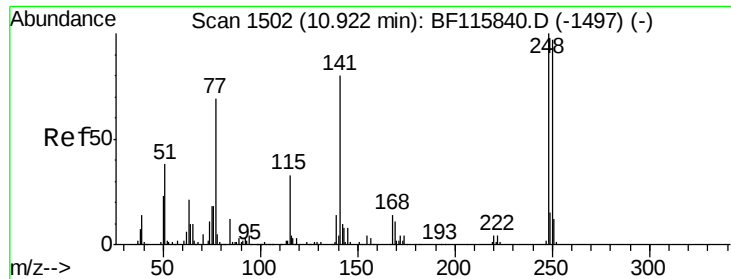
Tgt Ion:198 Resp: 148887
 Ion Ratio Lower Upper
 198 100
 51 39.1 21.1 61.1
 105 42.7 24.5 64.5



#66
 n-Nitrosodiphenylamine
 Concen: 39.271 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.01 min
 Lab File: BF115970.D
 Acq: 3 Aug 2019 10:07

Tgt Ion:169 Resp: 848791
 Ion Ratio Lower Upper
 169 100
 168 66.9 53.0 79.6
 167 36.9 29.9 44.9

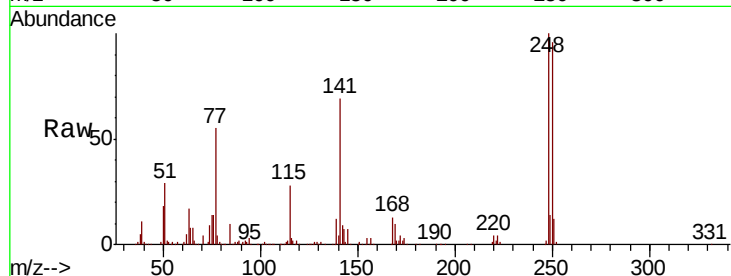




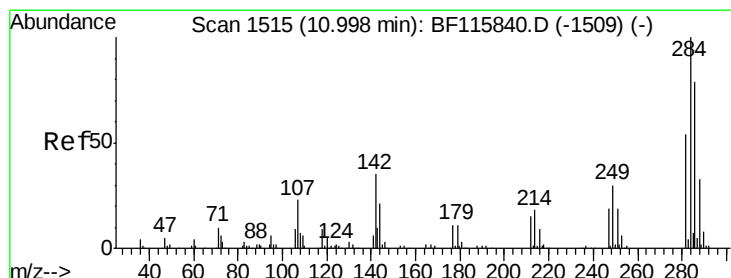
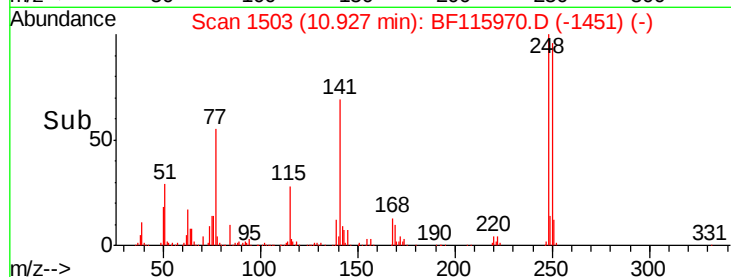
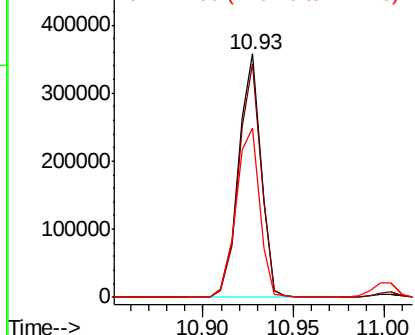
#67
4-Bromophenyl-phenylether
Concen: 39.994 ng
RT: 10.93 min Scan# 1503
Delta R.T. 0.01 min
Lab File: BF115970.D
Acq: 3 Aug 2019 10:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 248 Resp: 307436
Ion Ratio Lower Upper
248 100
250 96.0 77.8 116.6
141 69.5 64.3 96.5

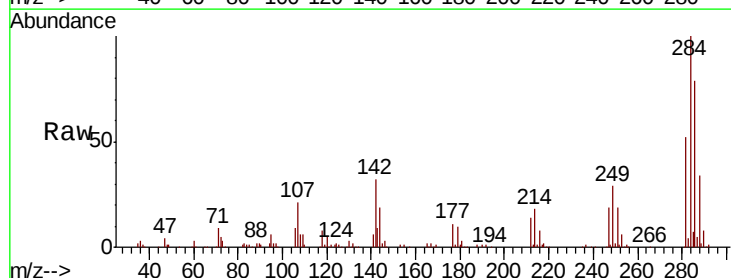


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

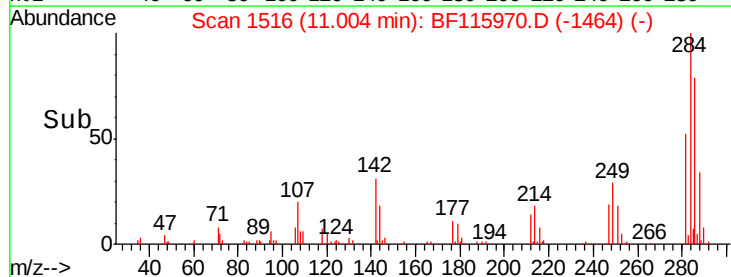
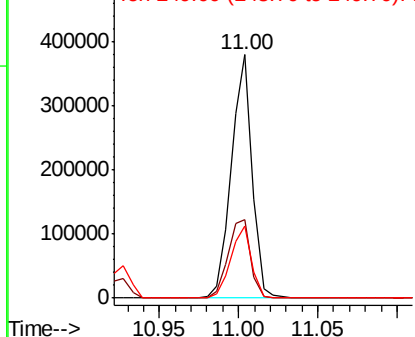


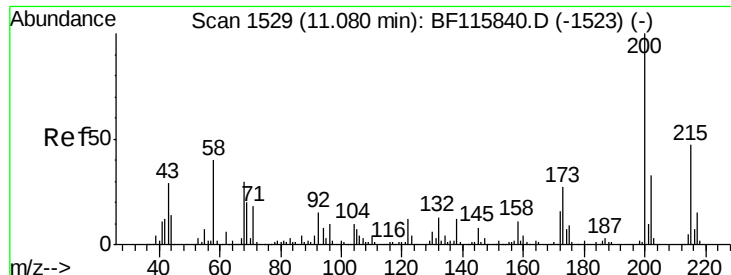
#68
Hexachlorobenzene
Concen: 38.619 ng
RT: 11.00 min Scan# 1516
Delta R.T. 0.01 min
Lab File: BF115970.D
Acq: 3 Aug 2019 10:07

Tgt Ion: 284 Resp: 343282
Ion Ratio Lower Upper
284 100
142 32.1 28.2 42.2
249 29.4 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

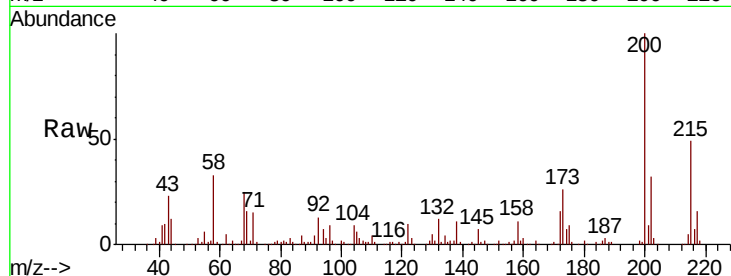




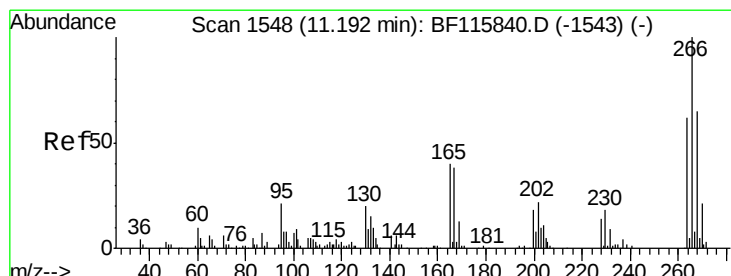
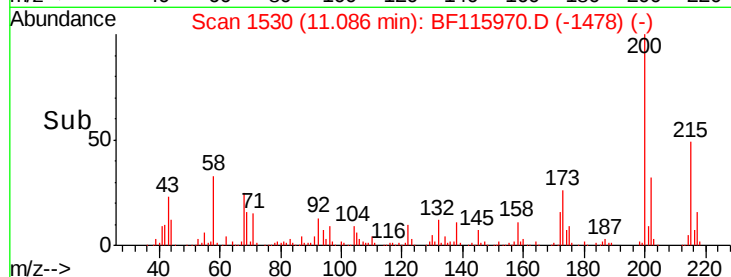
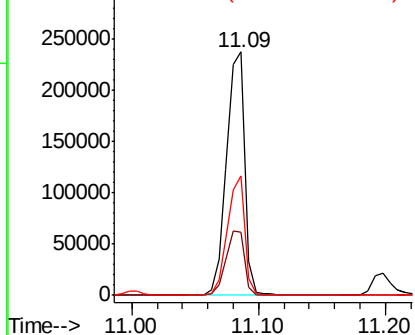
#69
 Atrazine
 Concen: 33.261 ng
 RT: 11.09 min Scan# 1530
 Delta R.T. 0.01 min
 Lab File: BF115970.D
 Acq: 3 Aug 2019 10:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.2	7.3	47.3
215	48.9	26.9	66.9

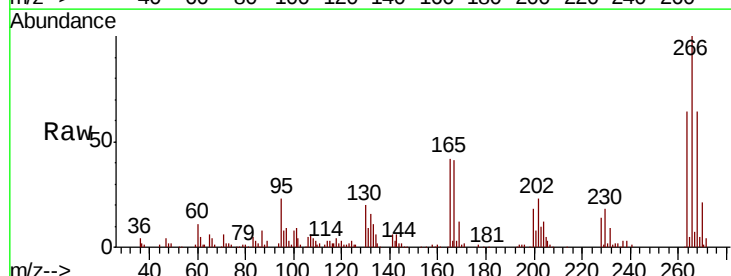


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

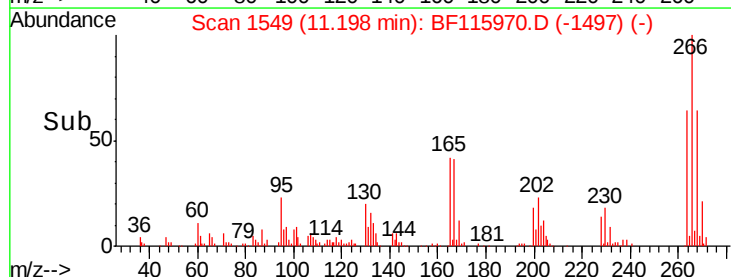
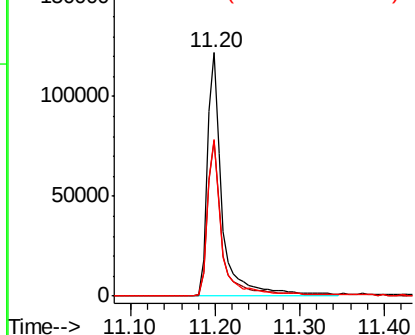


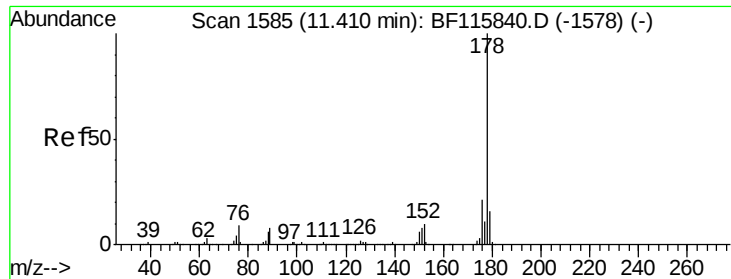
#70
 Pentachlorophenol
 Concen: 35.037 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. 0.01 min
 Lab File: BF115970.D
 Acq: 3 Aug 2019 10:07

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.0	51.6	77.4
264	64.3	49.4	74.0



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

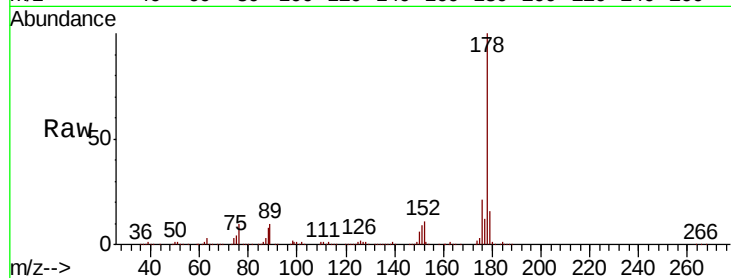




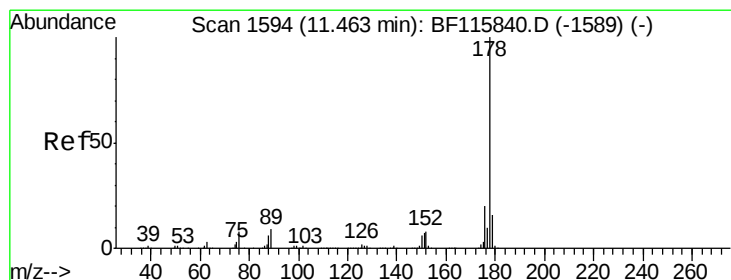
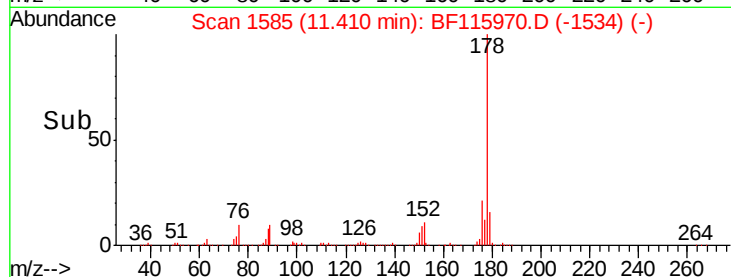
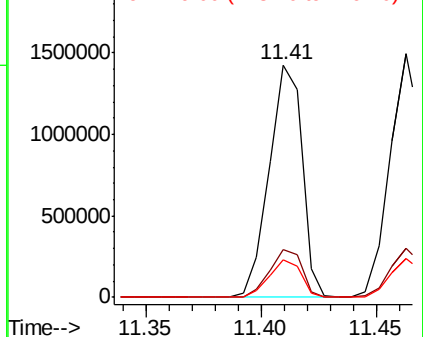
#71
Phenanthrene
Concen: 38.487 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF115970.D
Acq: 3 Aug 2019 10:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 1412864
Ion Ratio Lower Upper
178 100
176 20.5 16.5 24.7
179 16.1 12.6 18.8

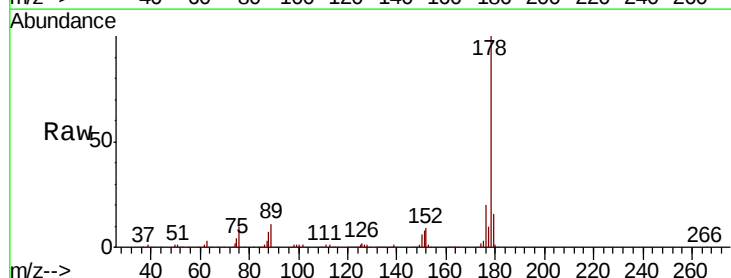


Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

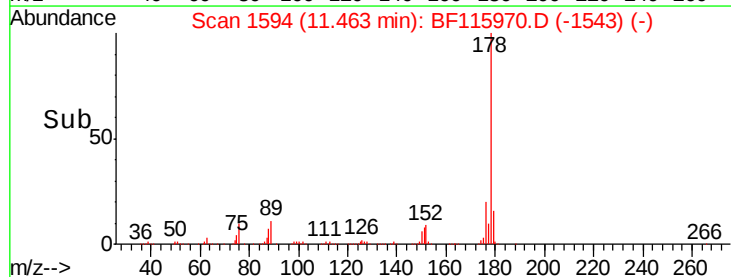
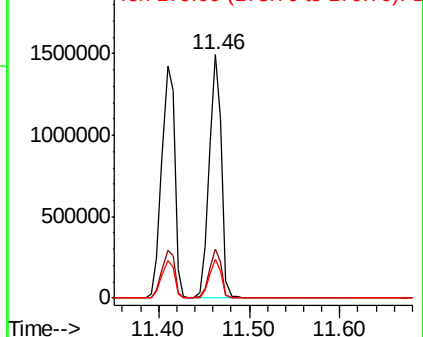


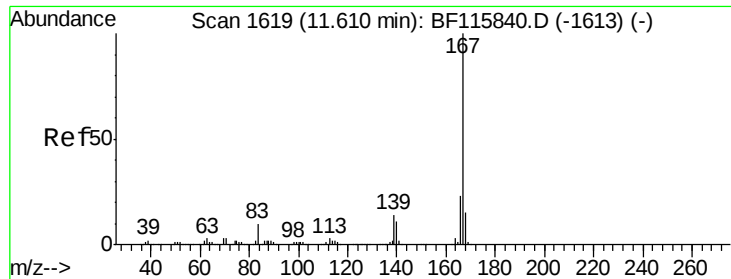
#72
Anthracene
Concen: 38.643 ng
RT: 11.46 min Scan# 1594
Delta R.T. 0.00 min
Lab File: BF115970.D
Acq: 3 Aug 2019 10:07

Tgt Ion:178 Resp: 1435676
Ion Ratio Lower Upper
178 100
176 20.1 15.7 23.5
179 16.1 12.4 18.6



Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

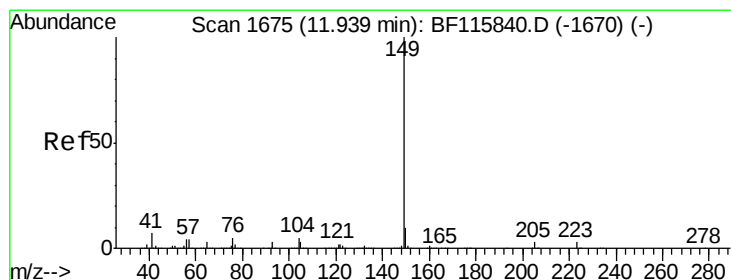
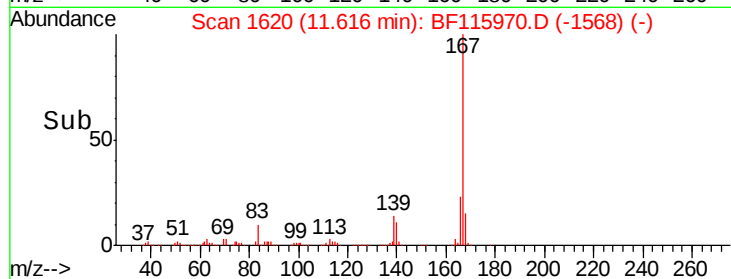
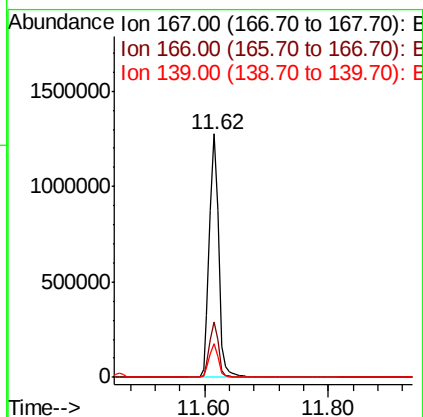
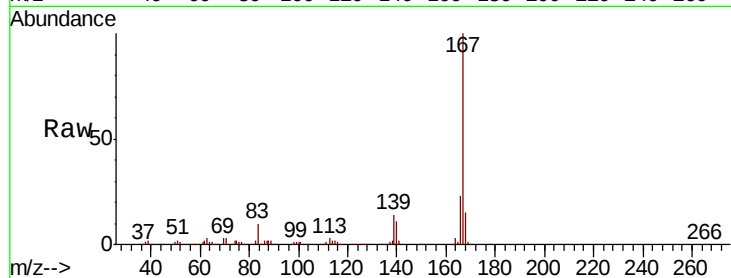




#73
 Carbazole
 Concen: 39.031 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. 0.01 min
 Lab File: BF115970.D
 Acq: 3 Aug 2019 10:07

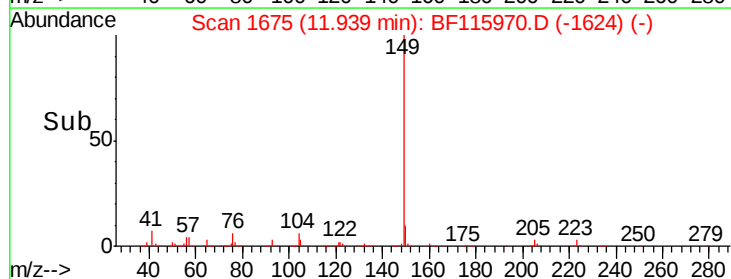
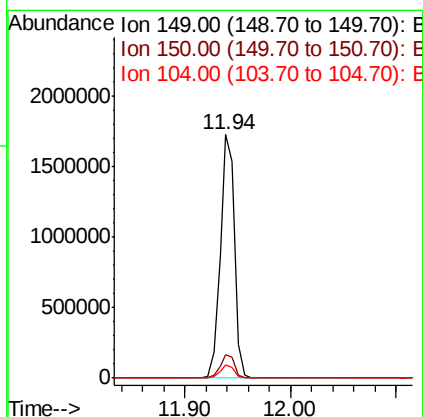
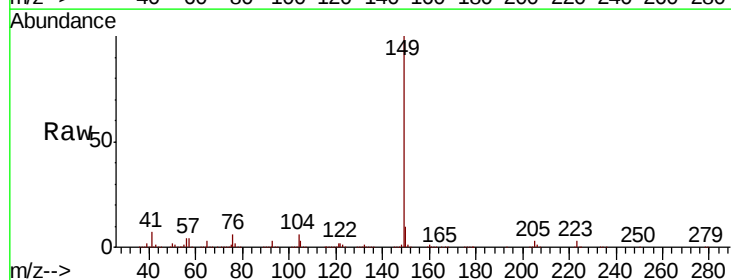
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

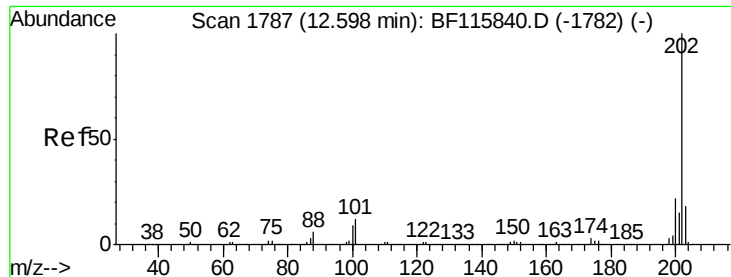
Tgt Ion:167 Resp: 1315565
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.0 27.0
 139 14.0 11.4 17.2



#74
 Di-n-butylphthalate
 Concen: 41.404 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. 0.00 min
 Lab File: BF115970.D
 Acq: 3 Aug 2019 10:07

Tgt Ion:149 Resp: 1627977
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.7 11.5
 104 5.5 4.3 6.5





#75

Fluoranthene

Concen: 38.625 ng

RT: 12.60 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BF115970.D

Acq: 3 Aug 2019 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

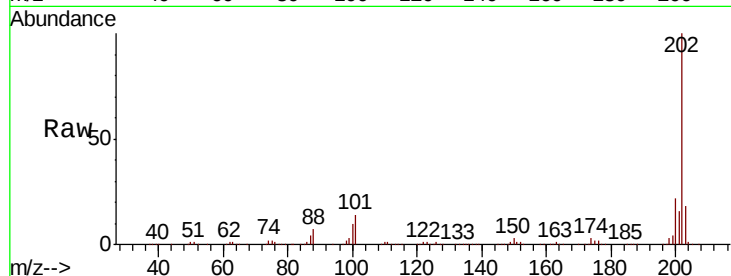
Tgt Ion:202 Resp: 1484427

Ion Ratio Lower Upper

202 100

101 13.5 0.0 31.5

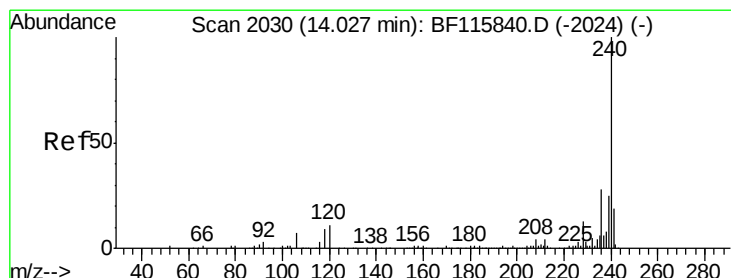
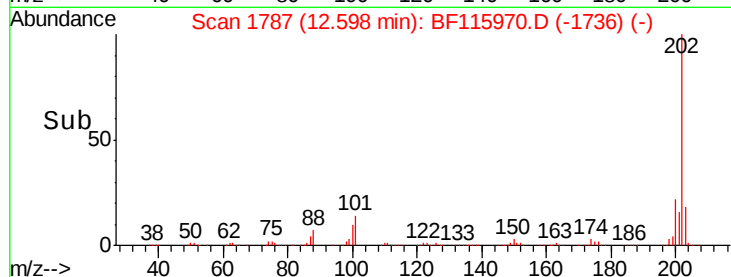
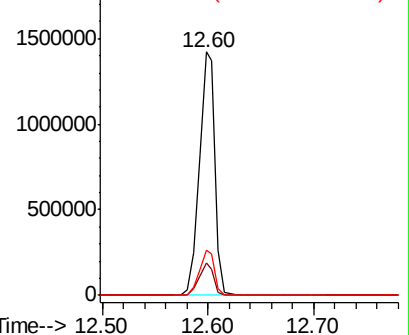
203 18.4 0.0 37.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2031

Delta R.T. 0.01 min

Lab File: BF115970.D

Acq: 3 Aug 2019 10:07

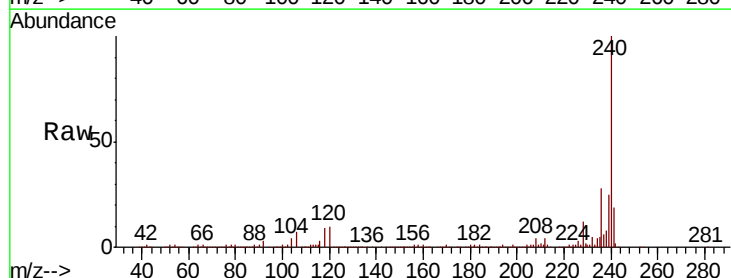
Tgt Ion:240 Resp: 499303

Ion Ratio Lower Upper

240 100

120 10.4 8.5 12.7

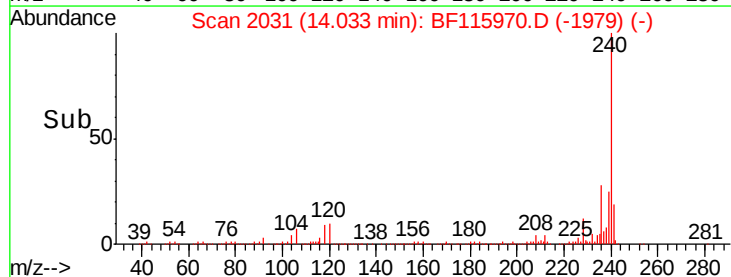
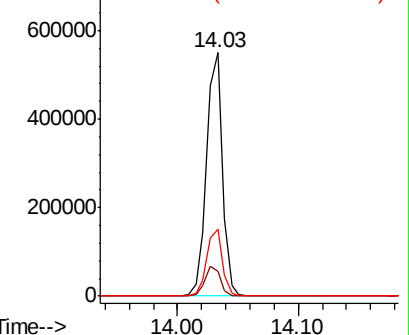
236 27.7 22.2 33.2

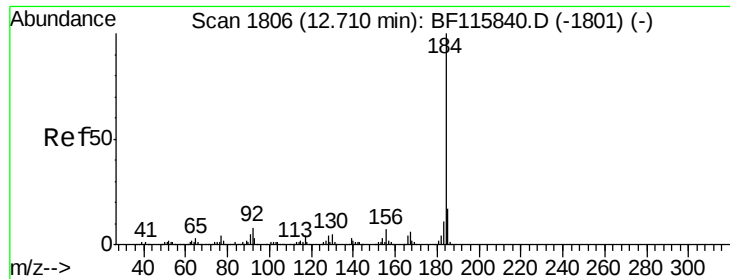


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 39.902 ng

RT: 12.72 min Scan# 1807

Delta R.T. 0.01 min

Lab File: BF115970.D

Acq: 3 Aug 2019 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

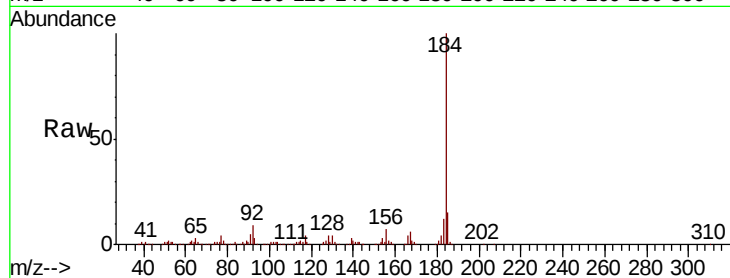
Tgt Ion:184 Resp: 673088

Ion Ratio Lower Upper

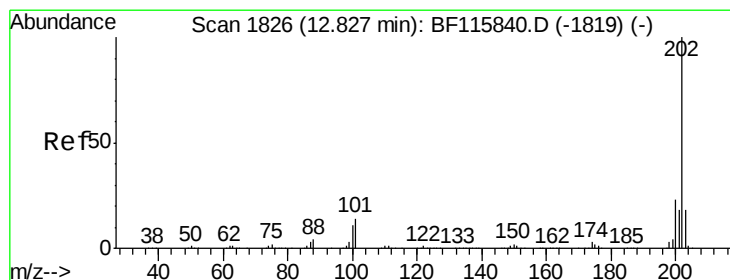
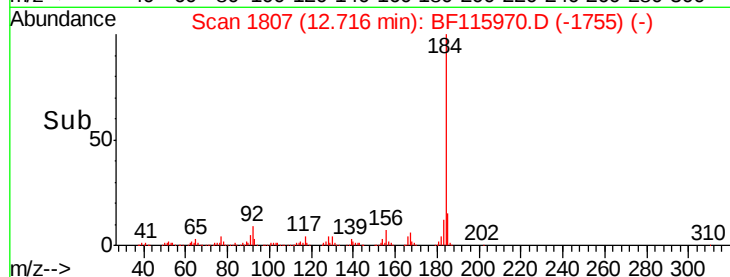
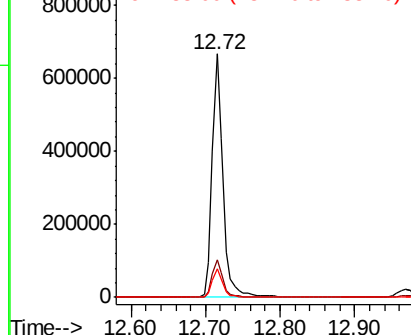
184 100

185 15.5 13.4 20.2

183 11.7 9.1 13.7



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.110 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.01 min

Lab File: BF115970.D

Acq: 3 Aug 2019 10:07

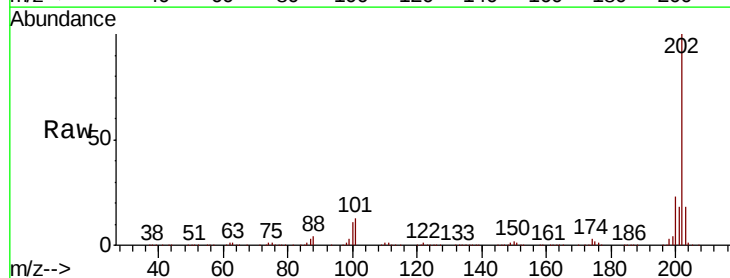
Tgt Ion:202 Resp: 1509674

Ion Ratio Lower Upper

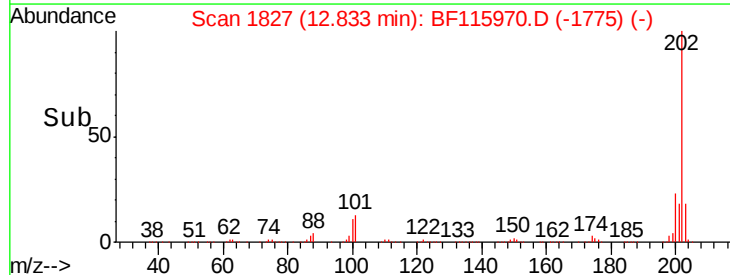
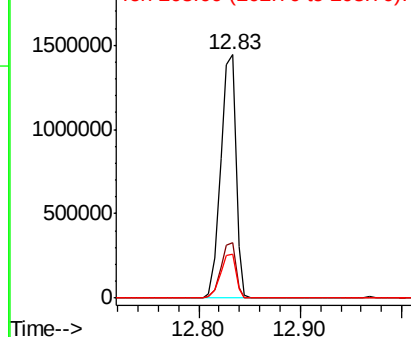
202 100

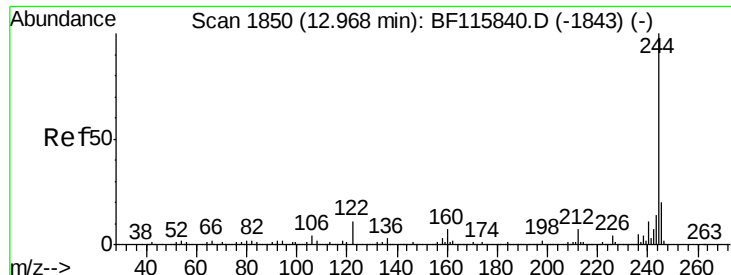
200 22.7 18.2 27.2

203 18.0 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.687 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BF115970.D

Acq: 3 Aug 2019 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

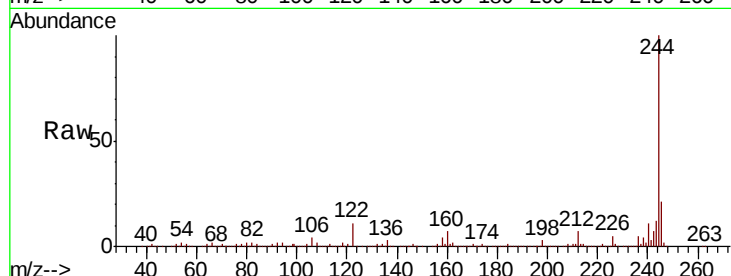
Tgt Ion:244 Resp: 1888232

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

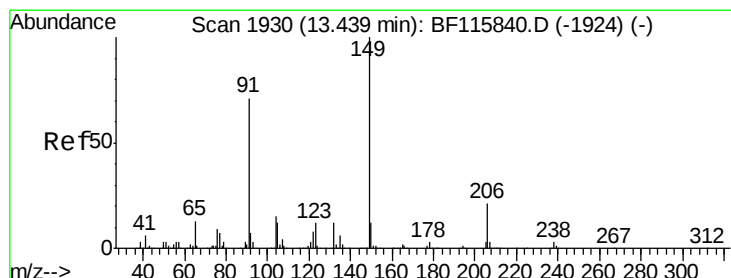
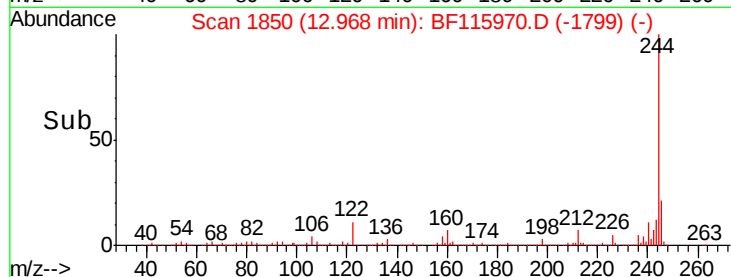
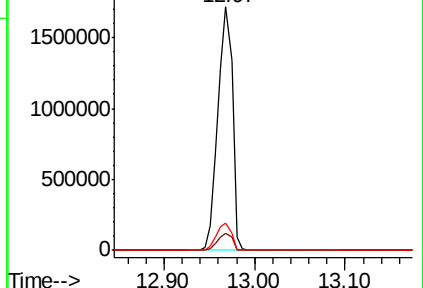
122 11.4 8.6 13.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.383 ng

RT: 13.44 min Scan# 1930

Delta R.T. 0.00 min

Lab File: BF115970.D

Acq: 3 Aug 2019 10:07

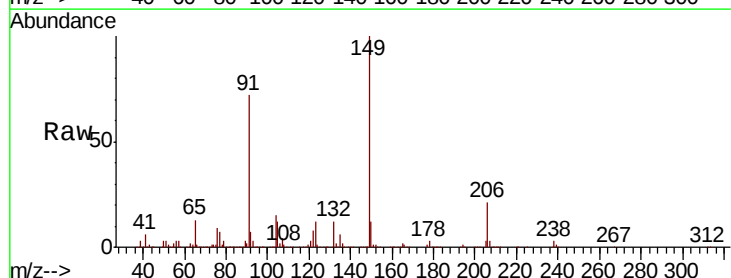
Tgt Ion:149 Resp: 690712

Ion Ratio Lower Upper

149 100

91 72.5 57.0 85.6

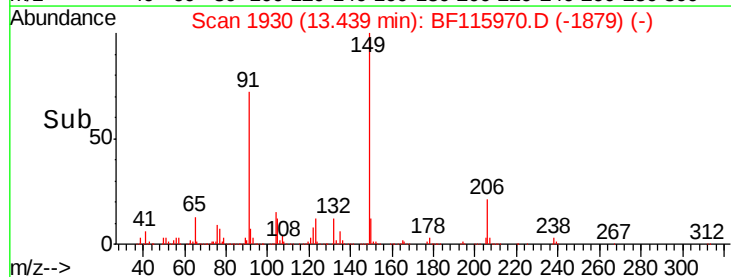
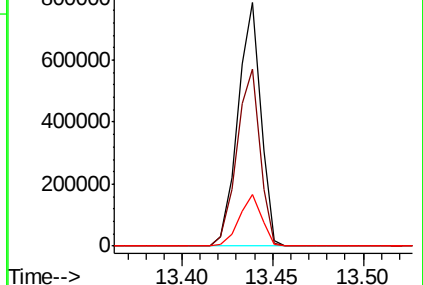
206 21.4 16.9 25.3

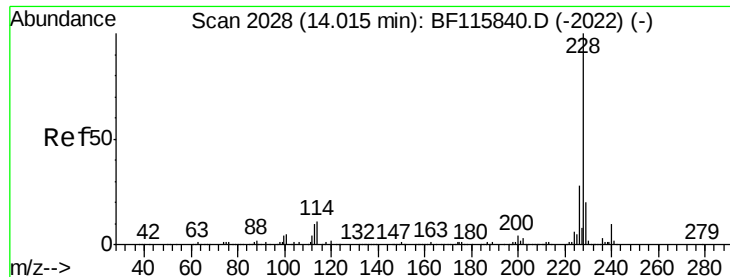


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.571 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.01 min

Lab File: BF115970.D

Acq: 3 Aug 2019 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

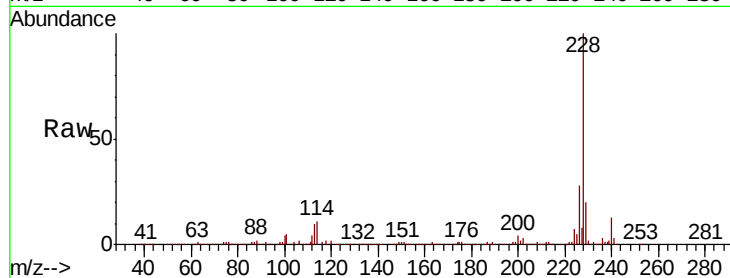
Tgt Ion:228 Resp: 1294758

Ion Ratio Lower Upper

228 100

226 28.1 22.5 33.7

229 20.2 16.1 24.1

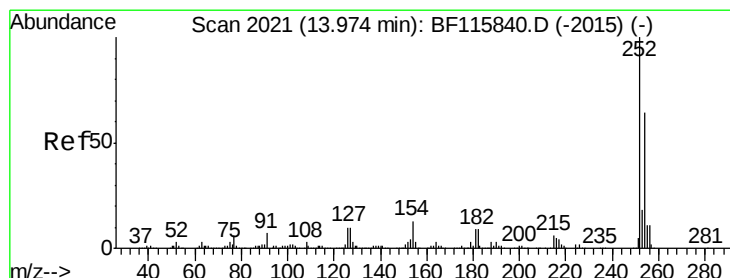
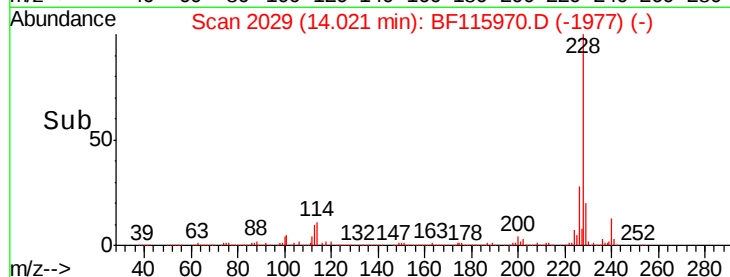
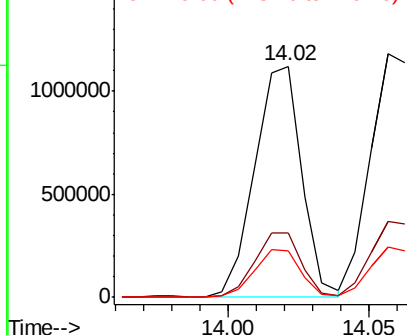


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 39.337 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.00 min

Lab File: BF115970.D

Acq: 3 Aug 2019 10:07

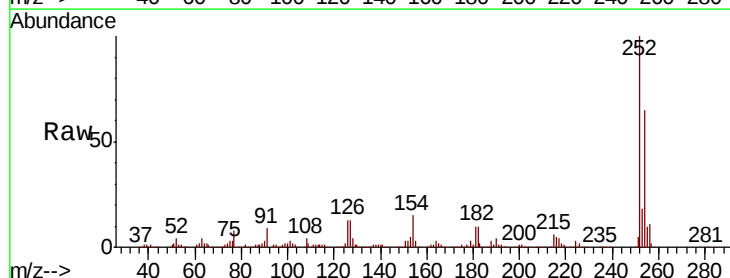
Tgt Ion:252 Resp: 436143

Ion Ratio Lower Upper

252 100

254 64.5 51.2 76.8

126 13.2 8.1 12.1#

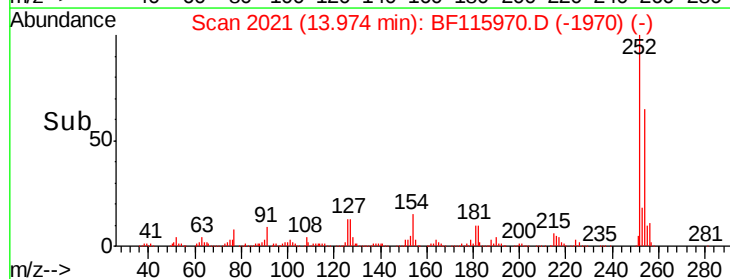
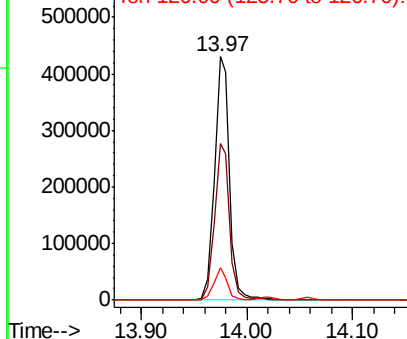


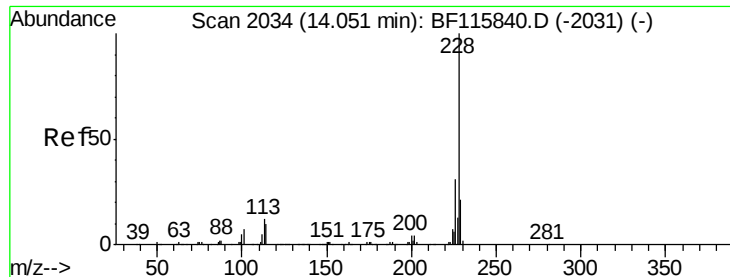
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.891 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF115970.D

Acq: 3 Aug 2019 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

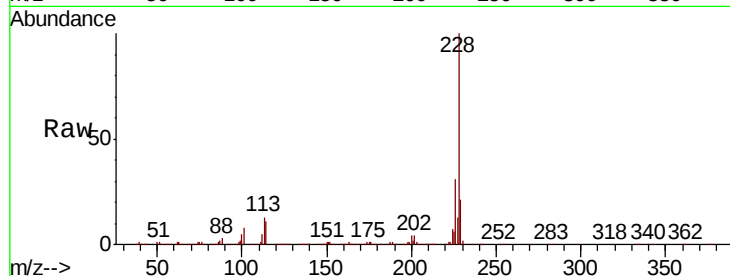
Tgt Ion:228 Resp: 1235955

Ion Ratio Lower Upper

228 100

226 31.4 24.8 37.2

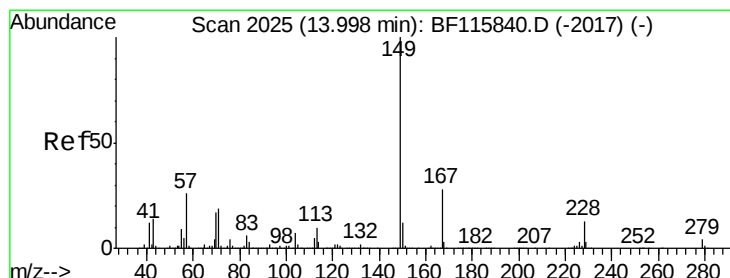
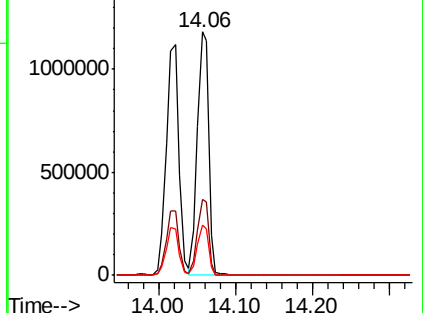
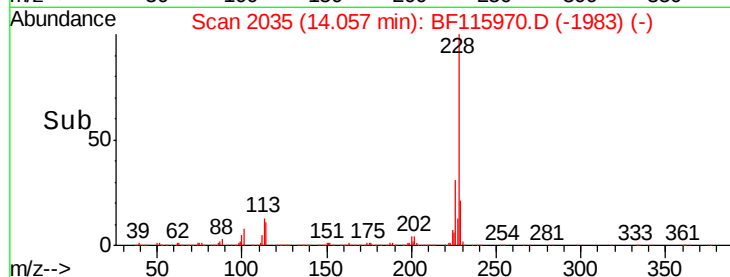
229 20.7 16.4 24.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.436 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF115970.D

Acq: 3 Aug 2019 10:07

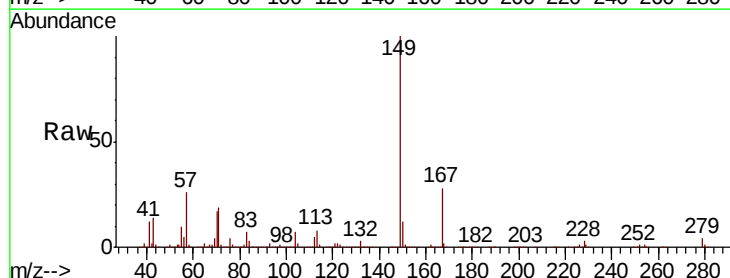
Tgt Ion:149 Resp: 940052

Ion Ratio Lower Upper

149 100

167 27.7 22.4 33.6

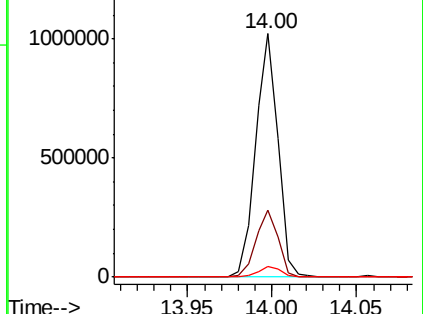
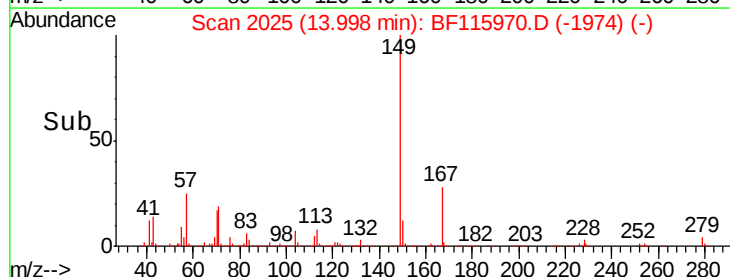
279 4.2 3.3 4.9

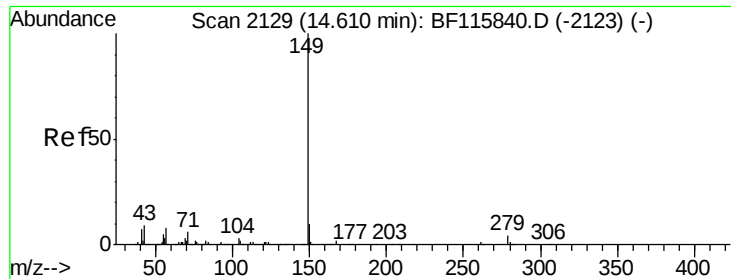


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.540 ng

RT: 14.61 min Scan# 2129

Delta R.T. 0.00 min

Lab File: BF115970.D

Acq: 3 Aug 2019 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

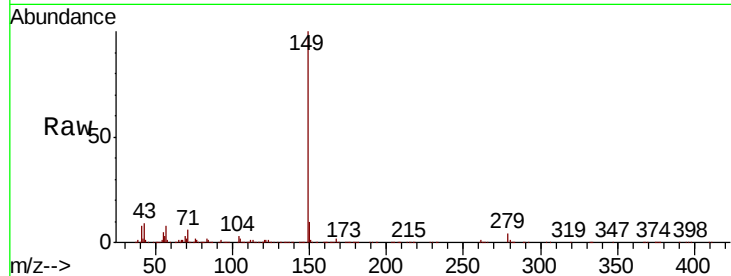
Tgt Ion:149 Resp: 1430822

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

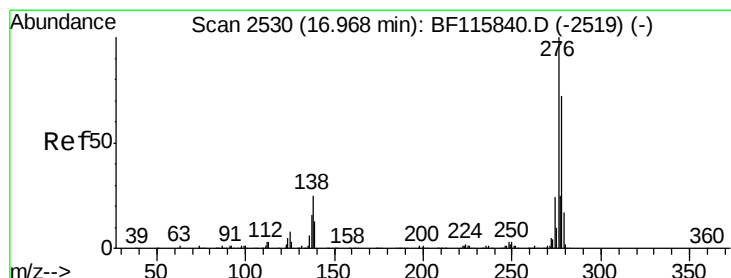
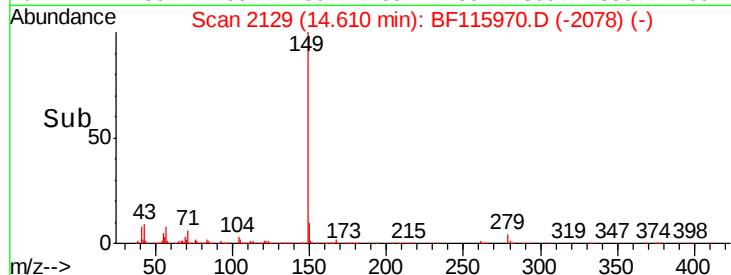
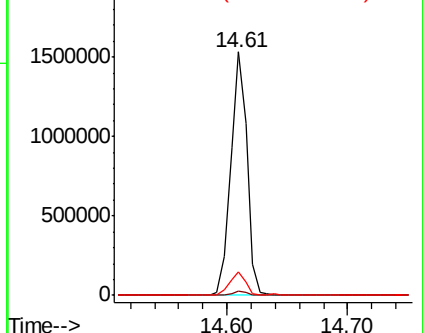
43 9.3 7.4 11.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 38.350 ng

RT: 16.99 min Scan# 2534

Delta R.T. 0.02 min

Lab File: BF115970.D

Acq: 3 Aug 2019 10:07

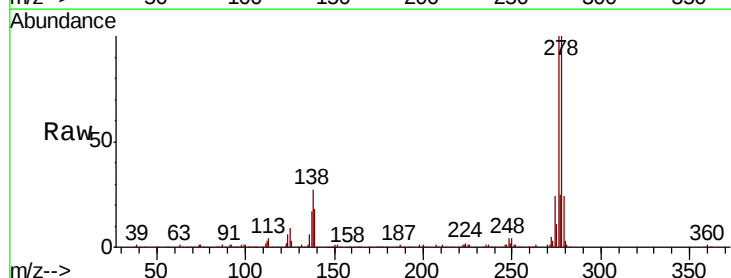
Tgt Ion:276 Resp: 997956

Ion Ratio Lower Upper

276 100

138 25.0 19.6 29.4

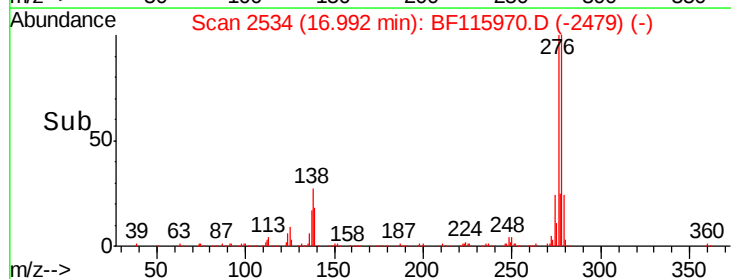
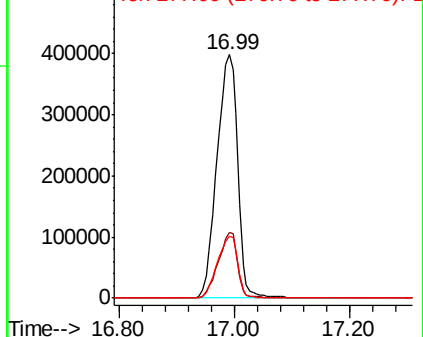
277 25.0 20.1 30.1

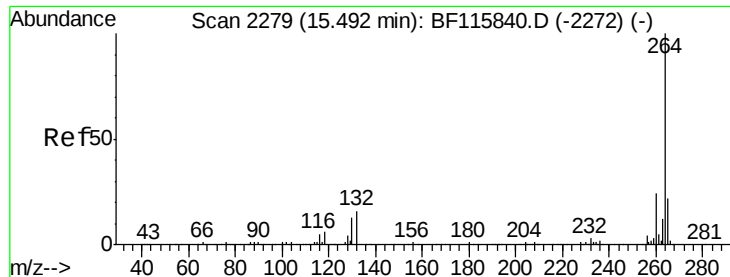


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

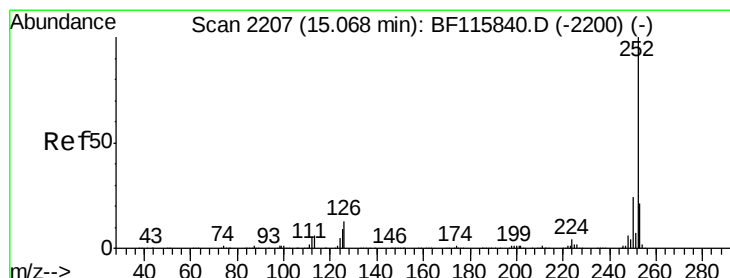
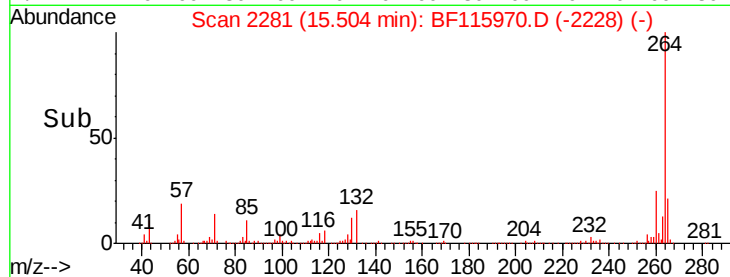
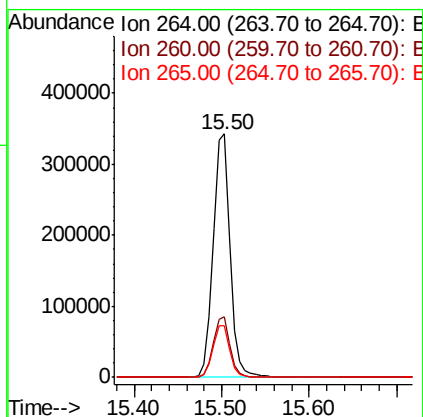
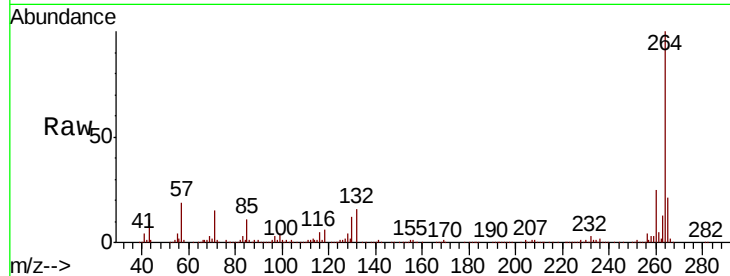




#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2281
 Delta R.T. 0.01 min
 Lab File: BF115970.D
 Acq: 3 Aug 2019 10:07

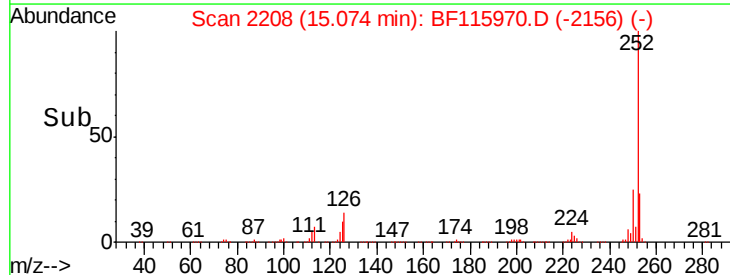
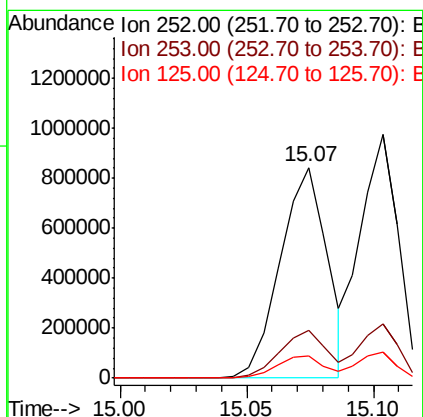
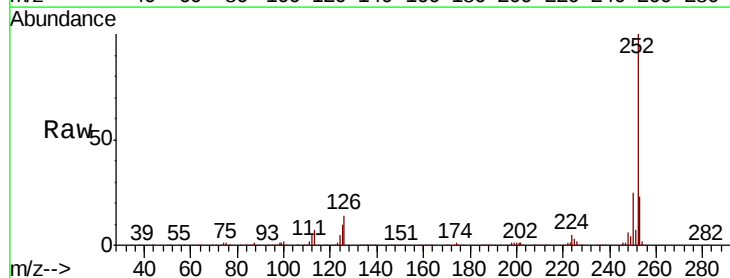
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

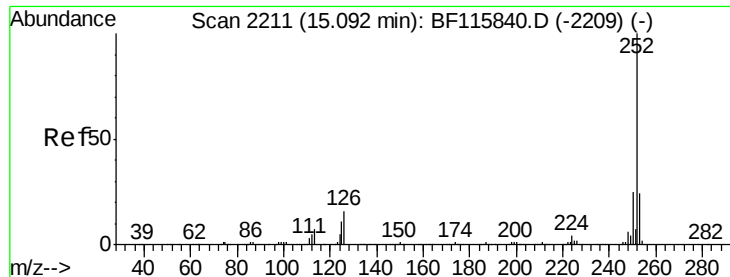
Tgt Ion: 264 Resp: 463466
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.4 29.2
 265 21.4 17.5 26.3



#88
 Benzo(b)fluoranthene
 Concen: 40.625 ng
 RT: 15.07 min Scan# 2208
 Delta R.T. 0.01 min
 Lab File: BF115970.D
 Acq: 3 Aug 2019 10:07

Tgt Ion: 252 Resp: 1088668
 Ion Ratio Lower Upper
 252 100
 253 23.0 17.2 25.8
 125 10.3 7.4 11.0

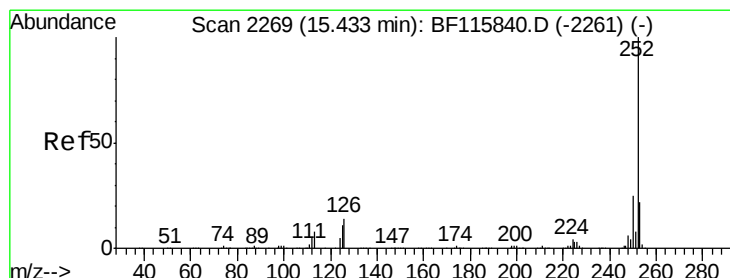
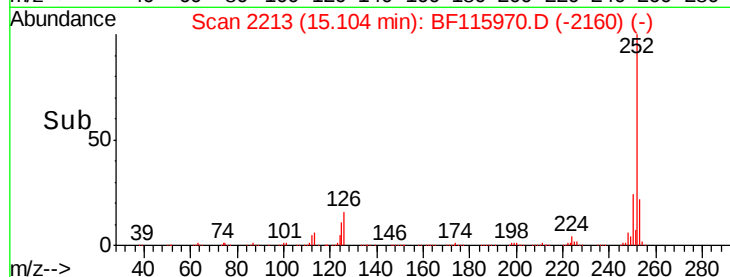
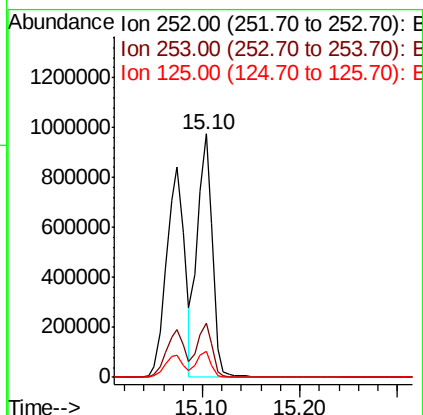
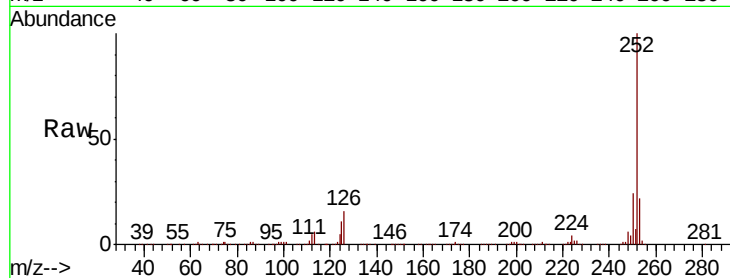




#89
Benzo(k)fluoranthene
Concen: 39.568 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.01 min
Lab File: BF115970.D
Acq: 3 Aug 2019 10:07

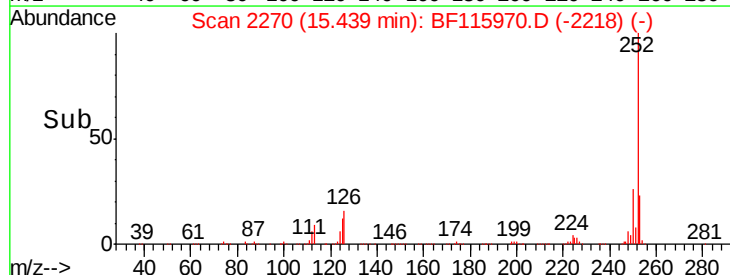
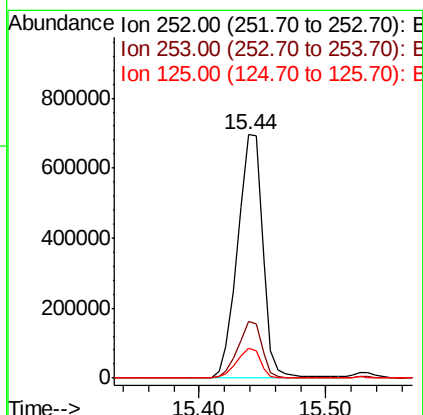
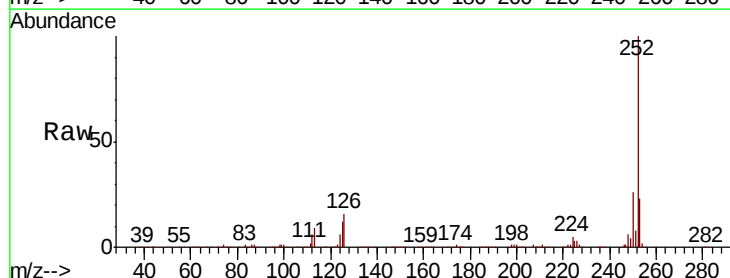
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

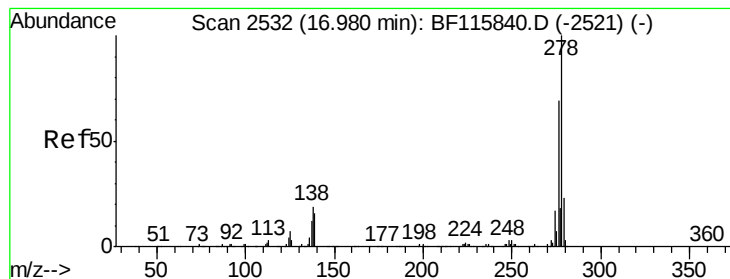
Tgt Ion:252 Resp: 1032782
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.4
125 10.8 8.9 13.3



#90
Benzo(a)pyrene
Concen: 39.979 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF115970.D
Acq: 3 Aug 2019 10:07

Tgt Ion:252 Resp: 957716
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.6
125 12.3 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 39.278 ng

RT: 17.00 min Scan# 2535

Delta R.T. 0.02 min

Lab File: BF115970.D

Acq: 3 Aug 2019 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

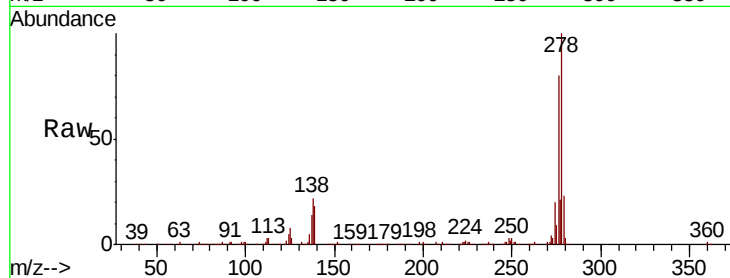
Tgt Ion:278 Resp: 814466

Ion Ratio Lower Upper

278 100

139 17.6 12.6 19.0

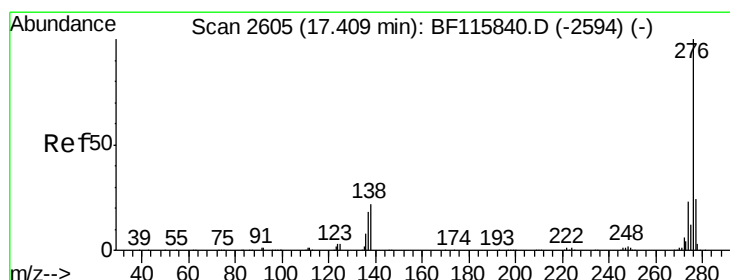
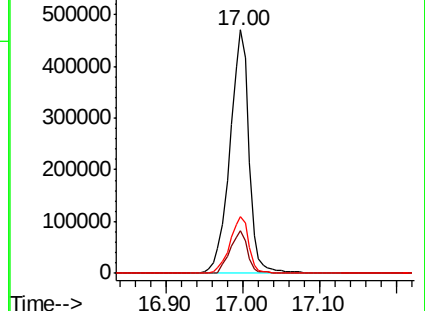
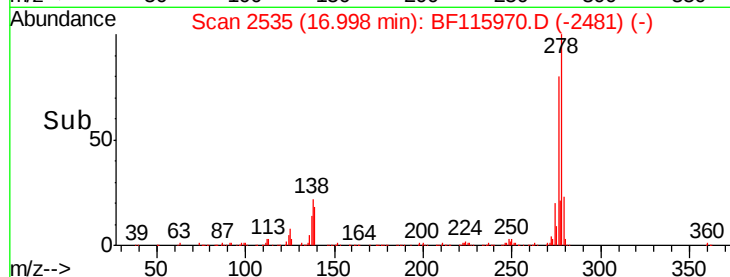
279 23.4 18.8 28.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 38.527 ng

RT: 17.43 min Scan# 2609

Delta R.T. 0.02 min

Lab File: BF115970.D

Acq: 3 Aug 2019 10:07

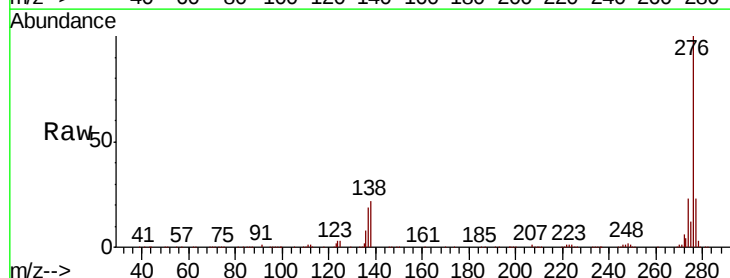
Tgt Ion:276 Resp: 784602

Ion Ratio Lower Upper

276 100

277 23.5 19.5 29.3

138 22.1 17.8 26.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

