

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	R.T.	QIon	Response	Conc	Units	Dev(Min)
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	R.T.	QIon	Response	Conc	Units	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

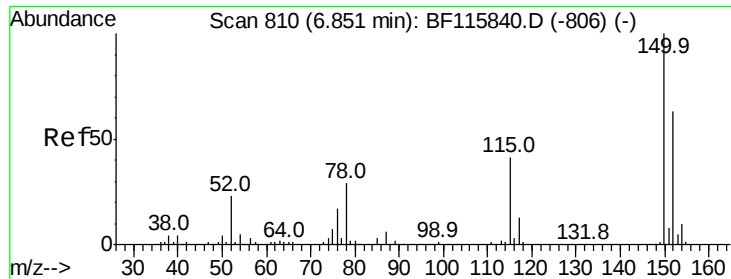
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080319\
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 Response via : Initial Calibration

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

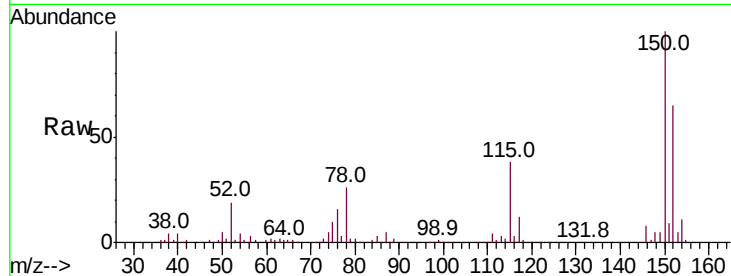


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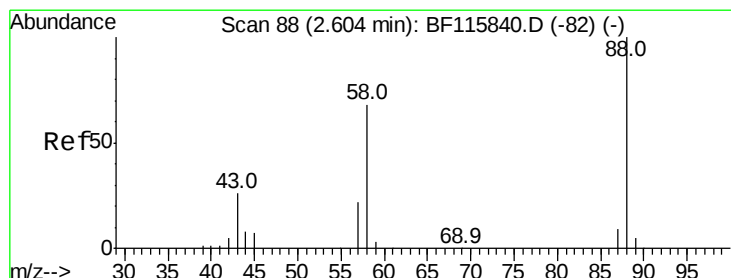
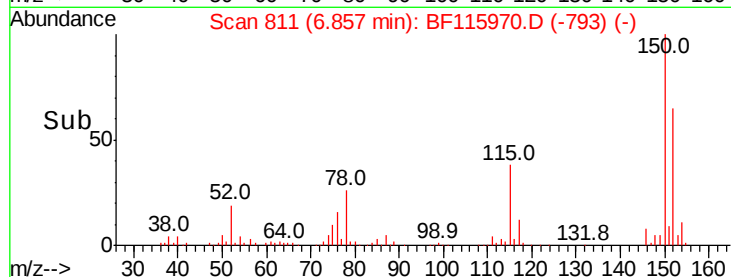
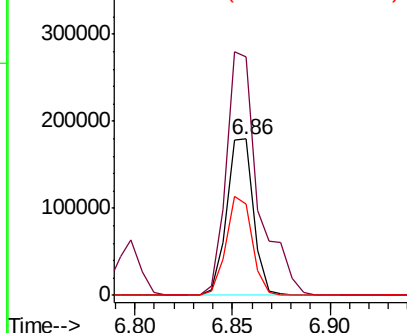
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 811
 Delta R.T. 0.01 min
 Lab File: BF115970.D
 Acq: 3 Aug 2019 10:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

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



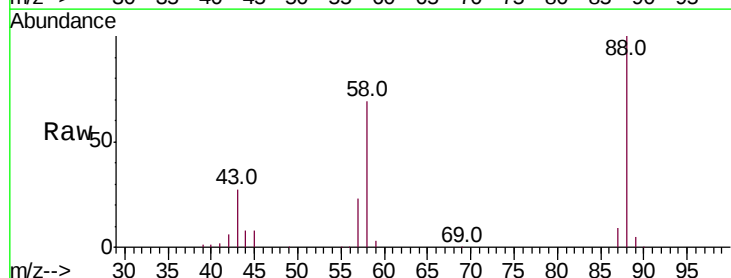
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



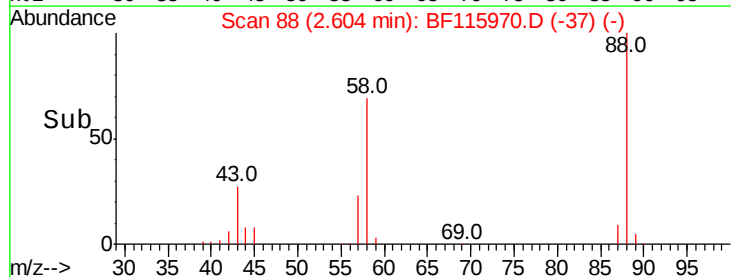
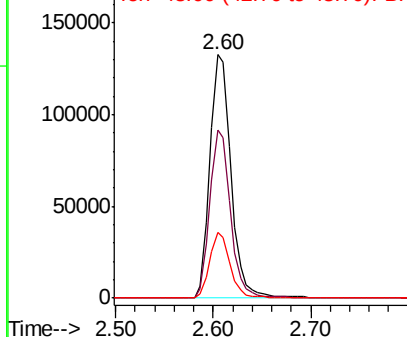
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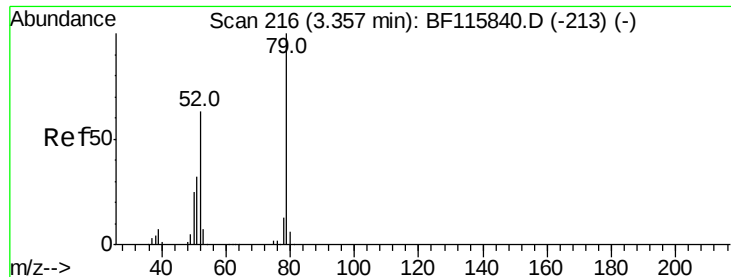
1,4-Dioxane
 Concen: 38.498 ng
 RT: 2.60 min Scan# 88
 Delta R.T. 0.00 min
 Lab File: BF115970.D
 Acq: 3 Aug 2019 10:07

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

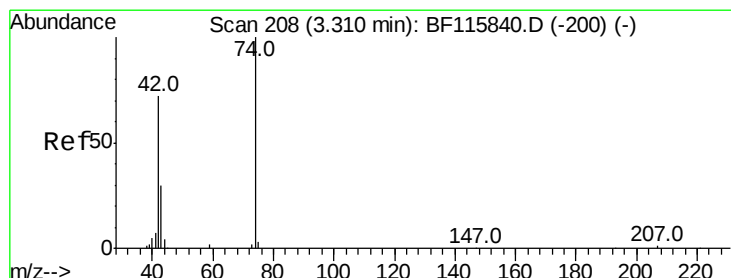
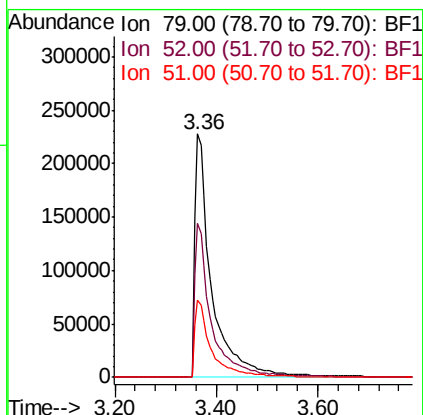
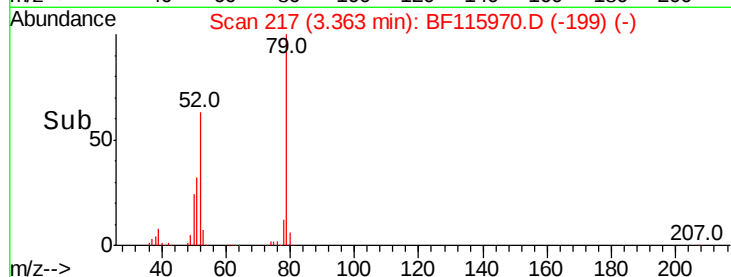
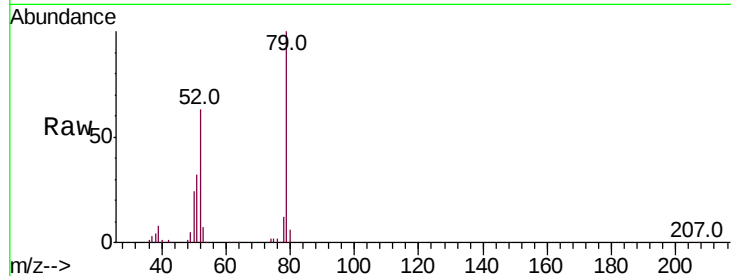




#3
 Pvridine
 Concen: 36.754 ng
 RT: 3.36 min Scan# 217
 Delta R.T. 0.01 min
 Lab File: BF115970.D
 Acq: 3 Aug 2019 10:07

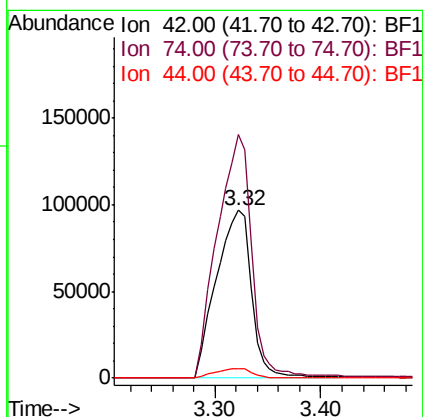
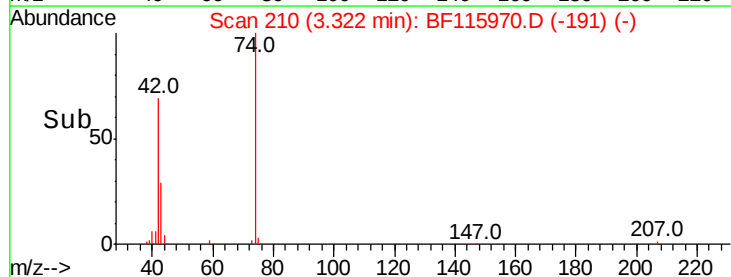
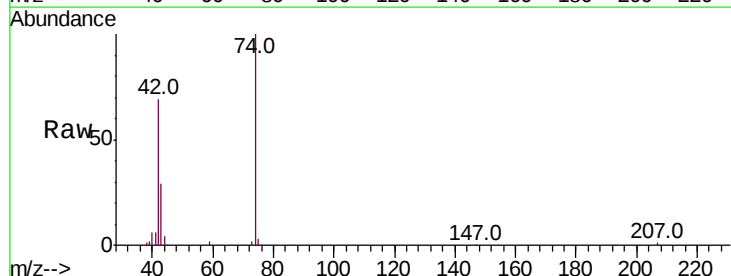
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

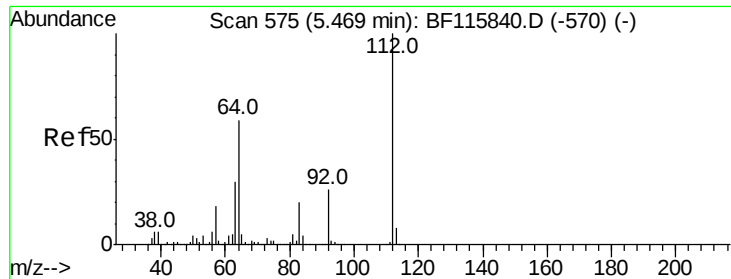
Tot Ion: 79 Resp: 531172
 Ion Ratio Lower Upper
 79 100
 52 63.2 50.2 75.4
 51 31.8 25.8 38.6



#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





#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

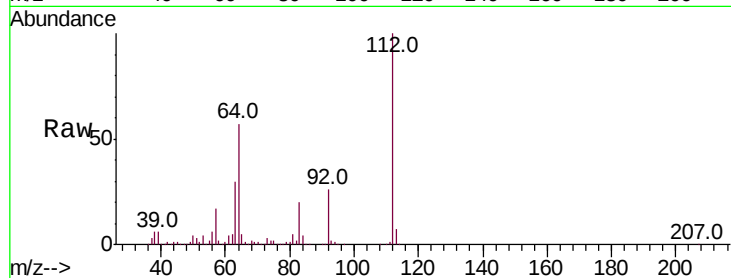
Tot Ion:112 Resp: 822163

Ion Ratio Lower Upper

112 100

64 57.2 46.8 70.2

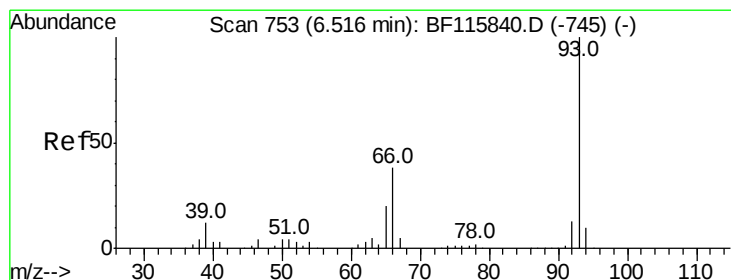
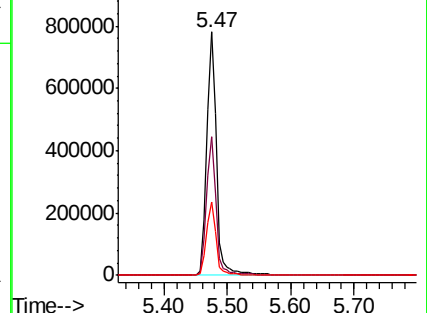
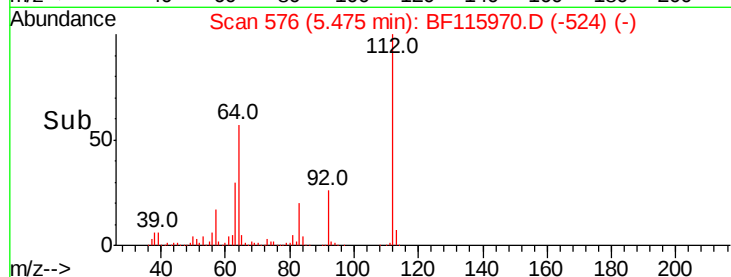
63 30.0 24.2 36.2



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

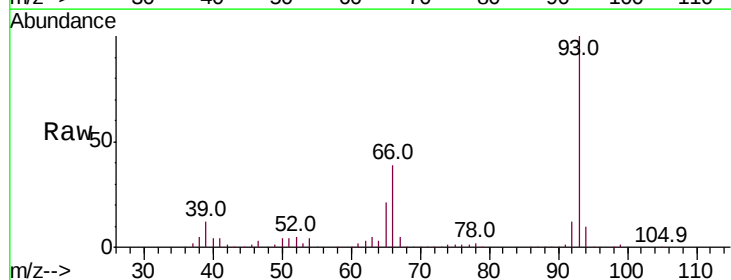
Tgt Ion: 93 Resp: 725597

Ion Ratio Lower Upper

93 100

66 39.3 31.4 47.0

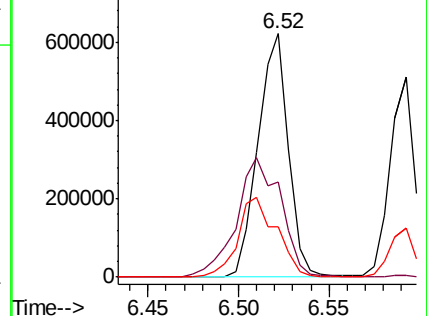
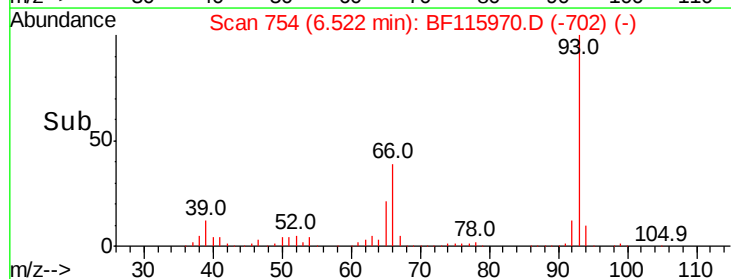
65 20.7 16.5 24.7

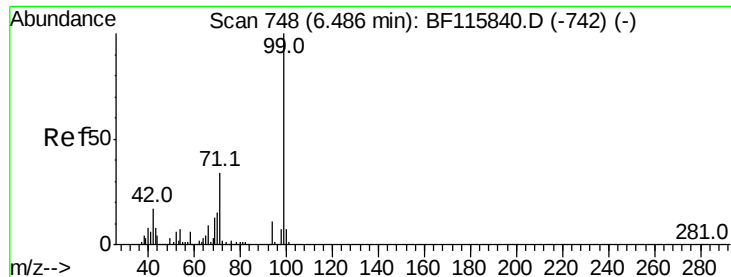


Abundance Ion 93.00 (92.70 to 93.70): BF1

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 :

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ClientSampleId :

SSTDCCC040

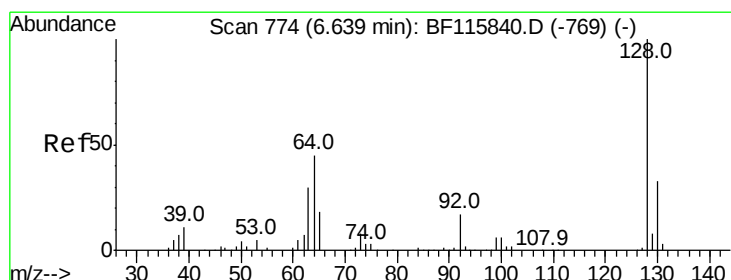
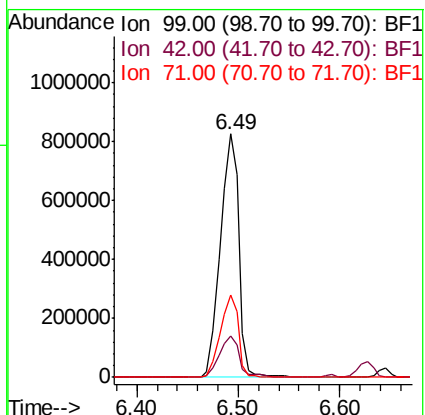
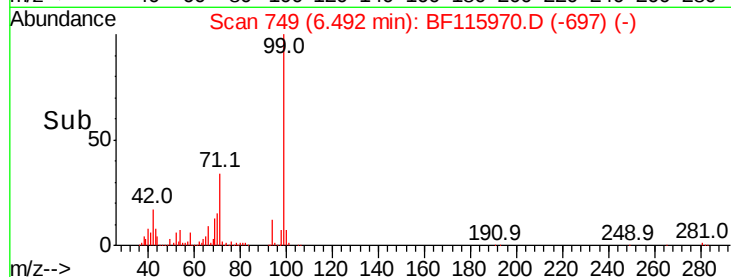
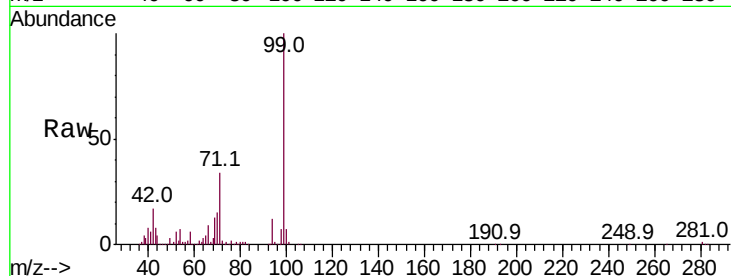
Tot Ion: 99 Resp: 1043463

Ion Ratio Lower Upper

99 100

42 17.2 13.8 20.6

71 33.8 27.1 40.7



#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

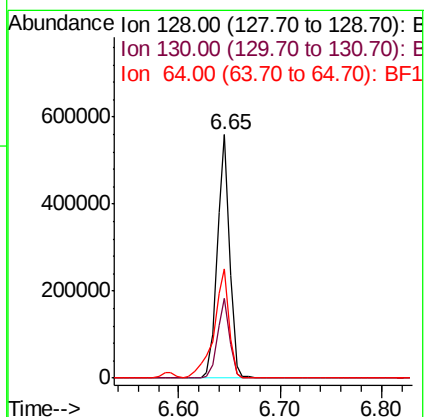
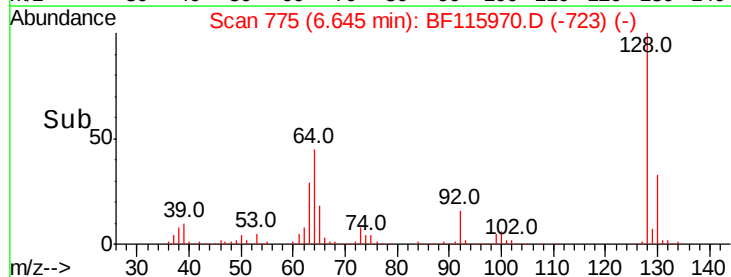
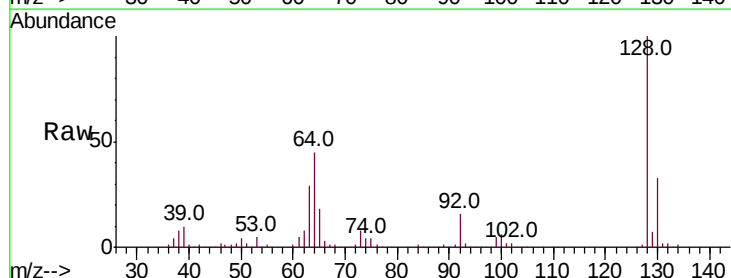
Tgt Ion: 128 Resp: 471404

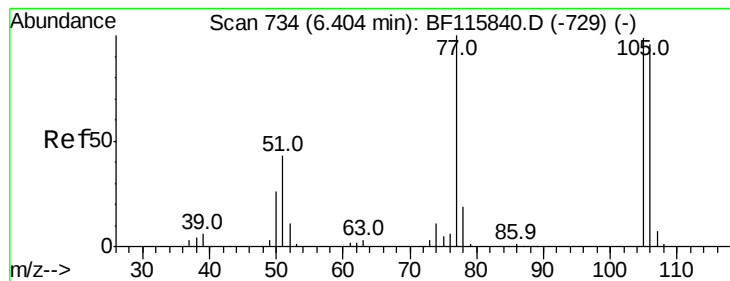
Ion Ratio Lower Upper

128 100

130 32.9 12.9 52.9

64 44.6 26.1 66.1





#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

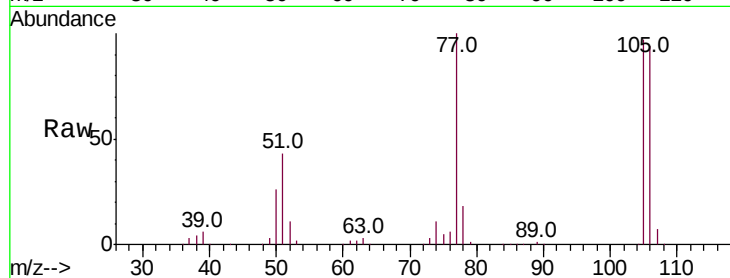
Tot Ion: 77 Resp: 334780

Ion Ratio Lower Upper

77 100

105 97.4 79.0 119.0

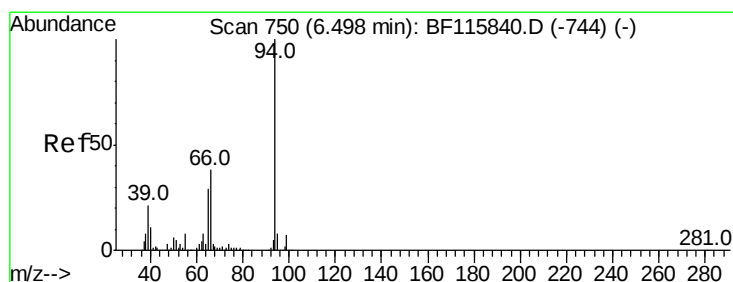
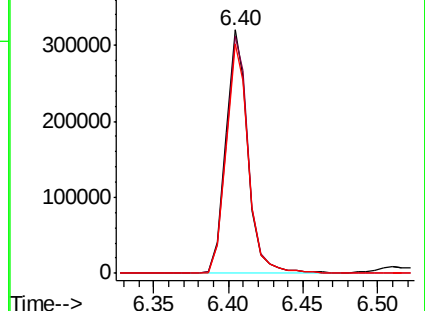
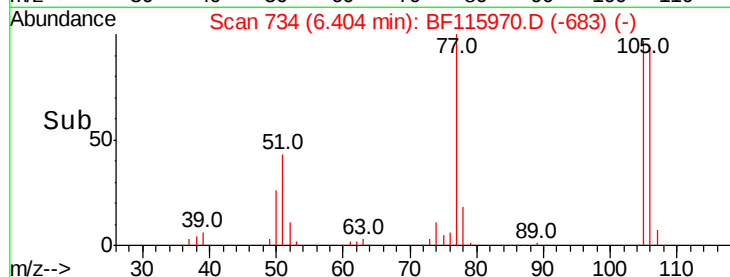
106 94.1 76.2 116.2



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

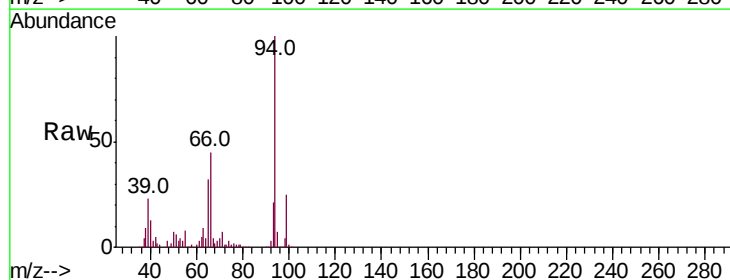
Tgt Ion: 94 Resp: 612787

Ion Ratio Lower Upper

94 100

65 32.4 8.9 48.9

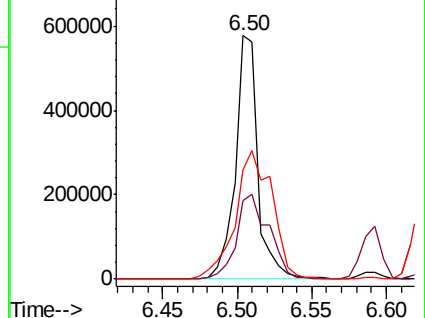
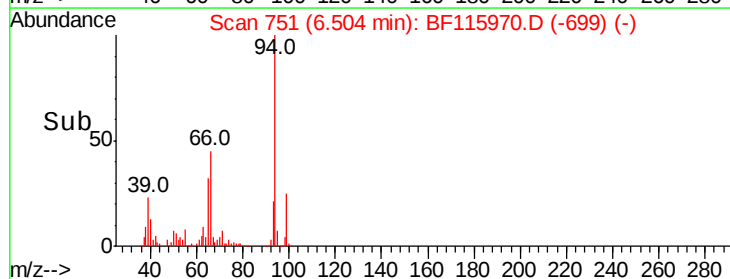
66 44.6 18.0 58.0

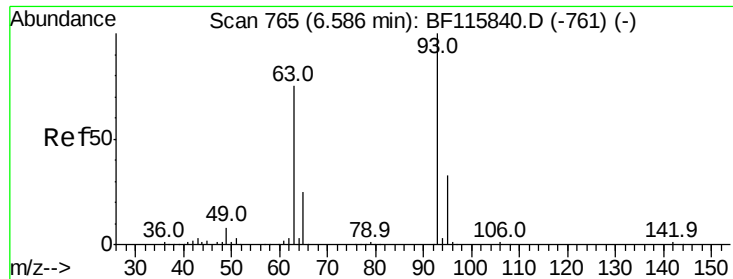


Abundance Ion 94.00 (93.70 to 94.70): BF1

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

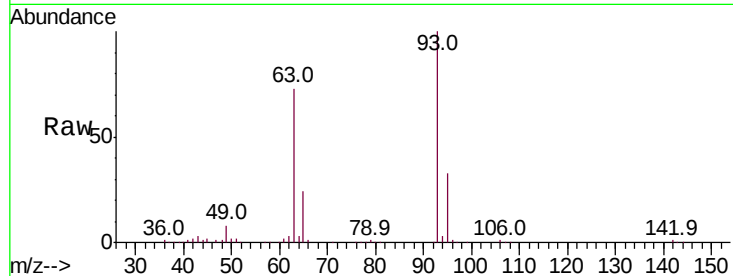
Tot Ion: 93 Resp: 470875

Ion Ratio Lower Upper

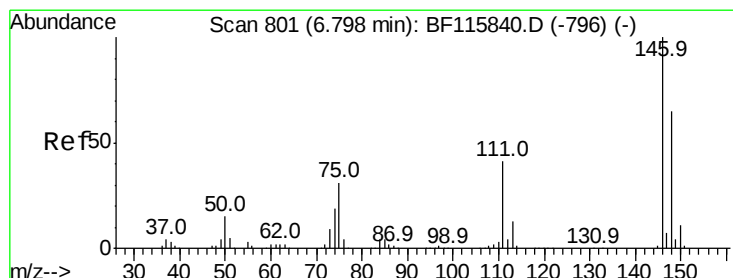
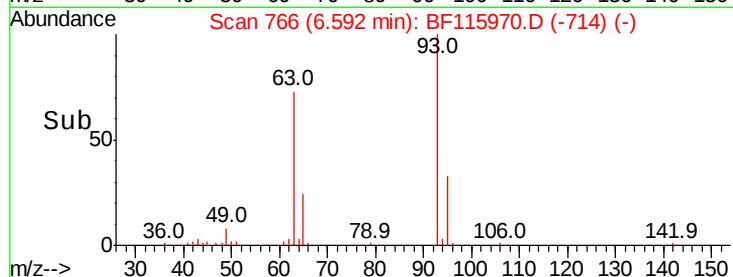
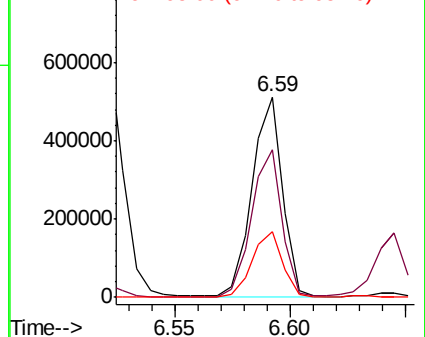
93 100

63 73.3 54.9 94.9

95 32.8 13.3 53.3



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#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

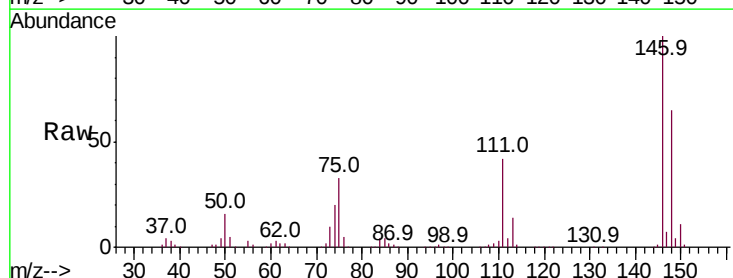
Tgt Ion: 146 Resp: 521608

Ion Ratio Lower Upper

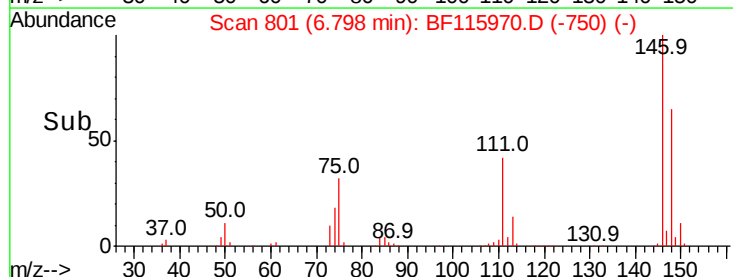
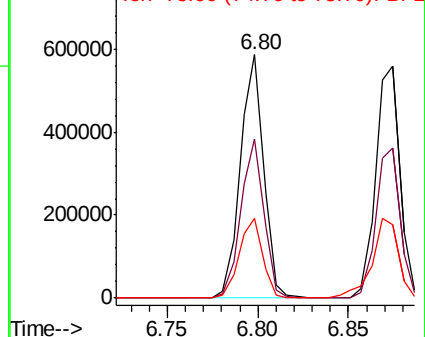
146 100

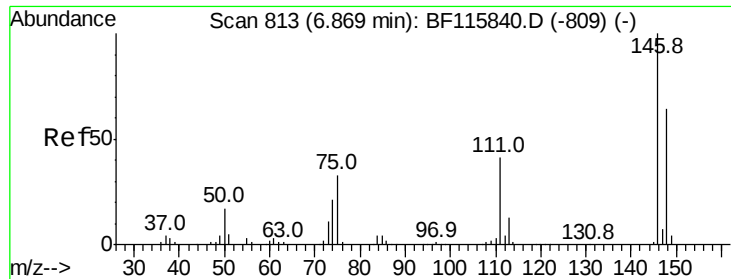
148 65.4 52.1 78.1

75 32.9 25.0 37.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

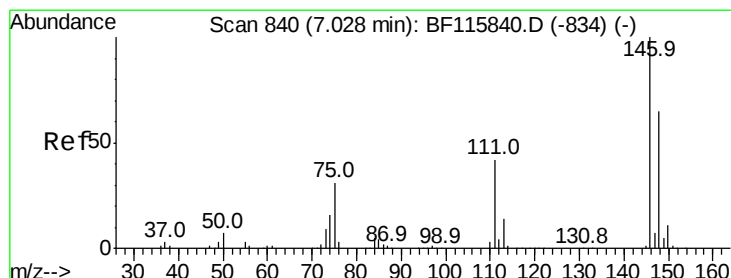
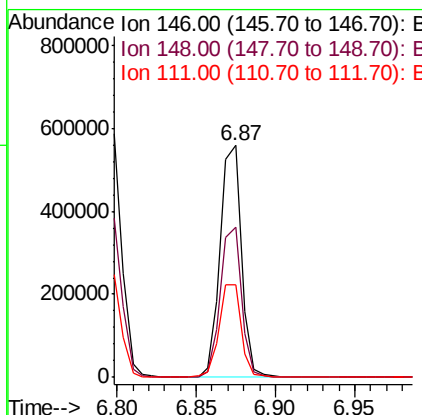
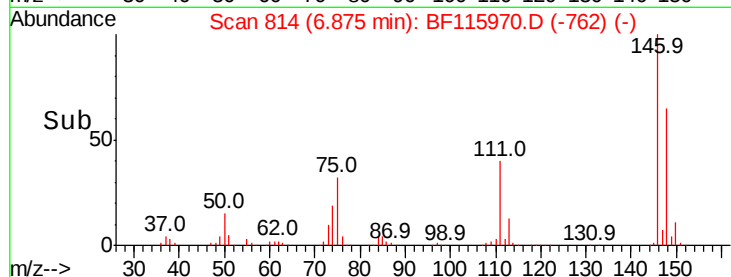
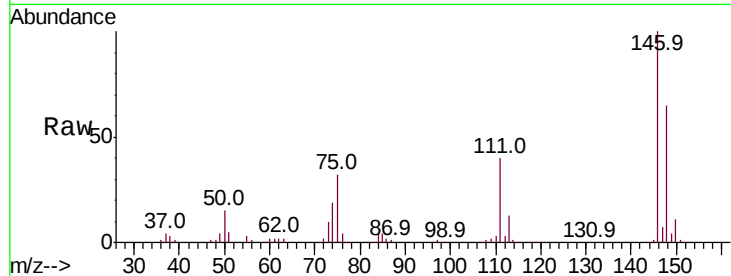




#13
 1,4-Dichlorobenzene
 Concen: 39.963 ng
 RT: 6.87 min Scan# 814
 Delta R.T. 0.01 min
 Lab File: BF115970.D
 Acq: 3 Aug 2019 10:07

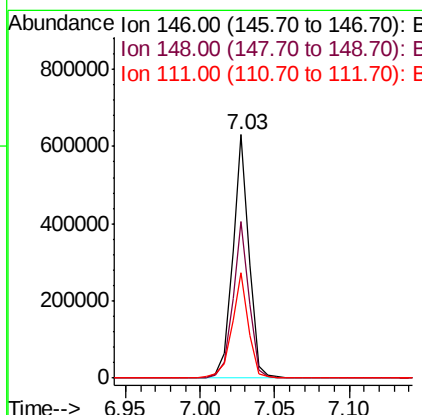
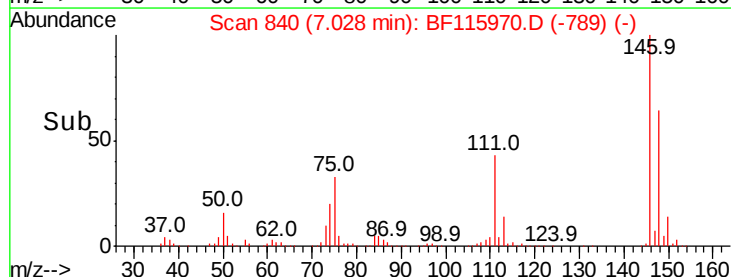
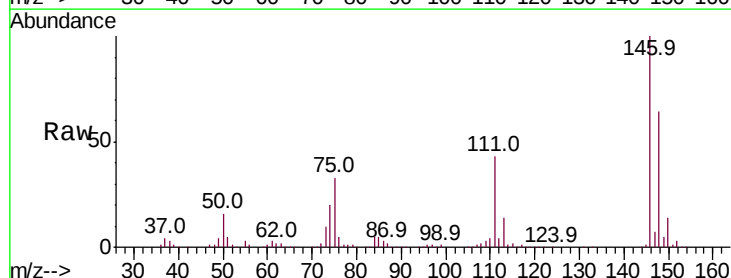
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

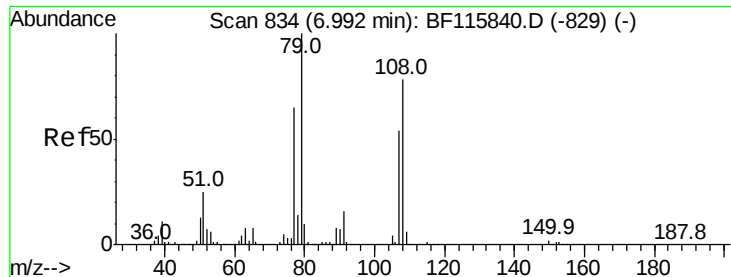
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.2	76.8
111	39.8	33.2	49.8



#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	Ratio	Lower	Upper
146	100		
148	64.5	51.6	77.4
111	43.4	33.6	50.4





#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

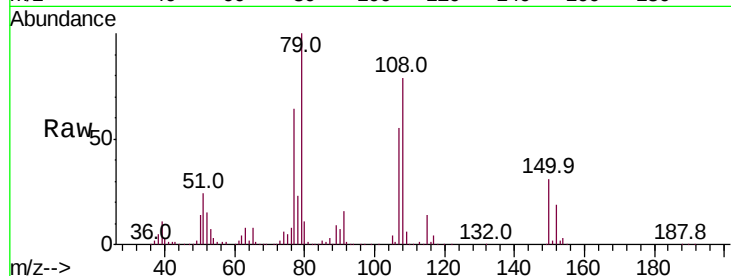
Tot Ion: 79 Resp: 413037

Ion Ratio Lower Upper

79 100

108 79.3 62.8 94.2

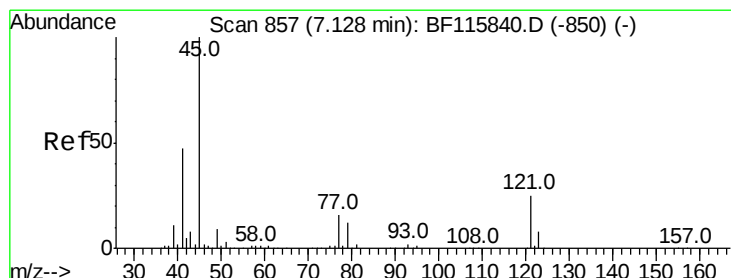
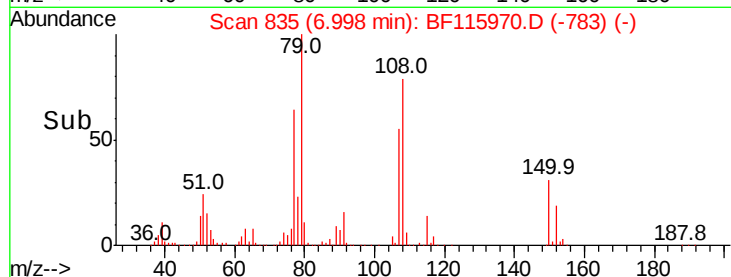
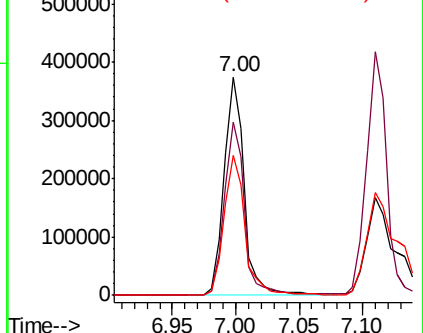
77 64.1 52.0 78.0



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

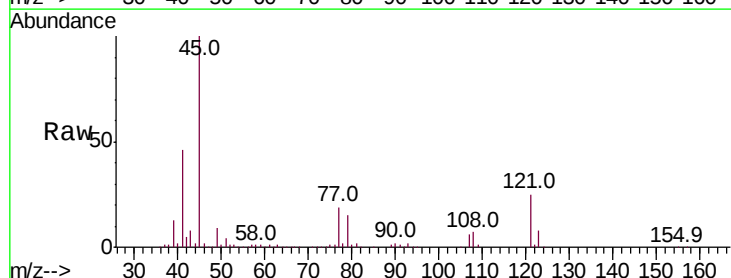
Tgt Ion: 45 Resp: 631800

Ion Ratio Lower Upper

45 100

77 18.8 0.0 36.3

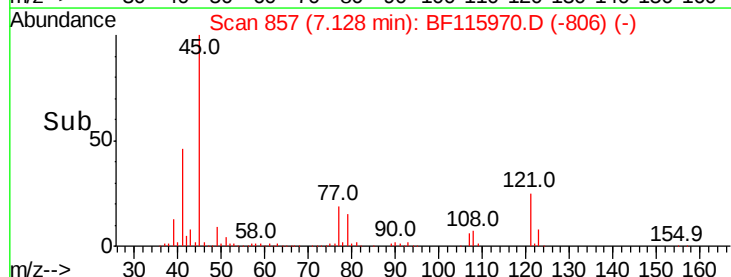
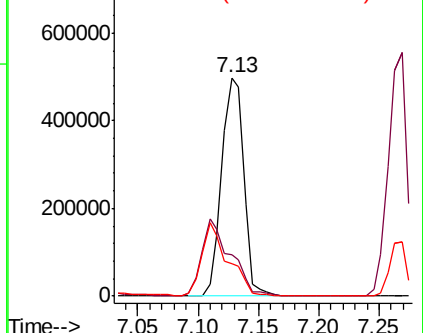
79 14.6 0.0 32.5

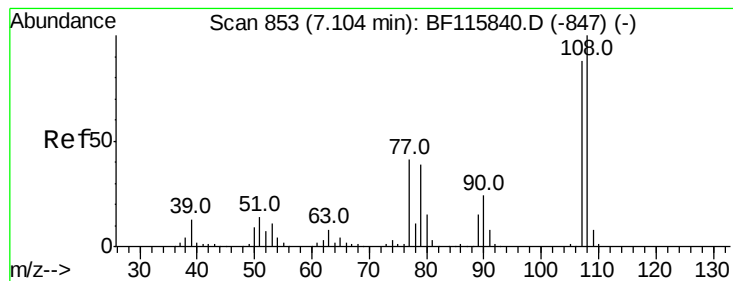


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

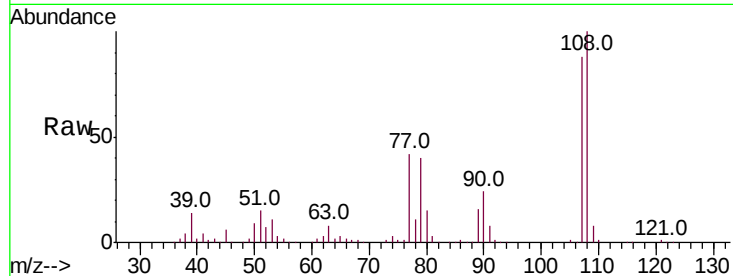




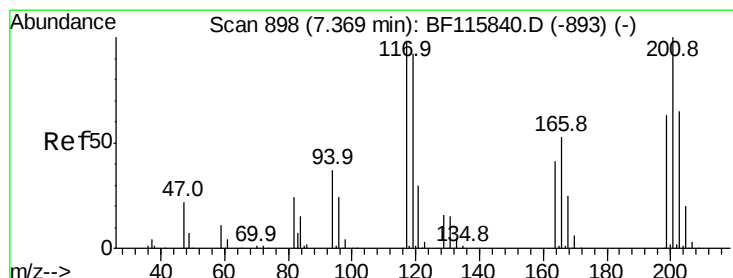
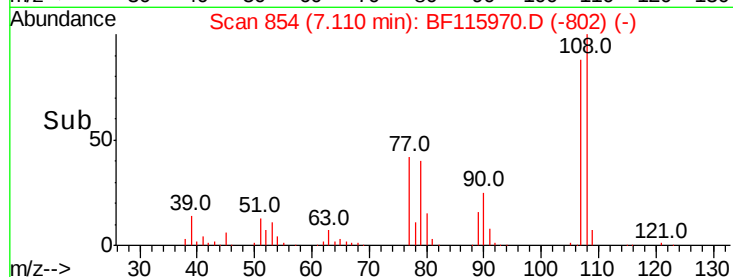
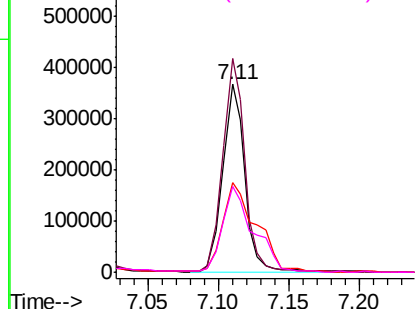
#17
2-Methylphenol
Concen: 41.230 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF115970.D
Acq: 3 Aug 2019 10:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot 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

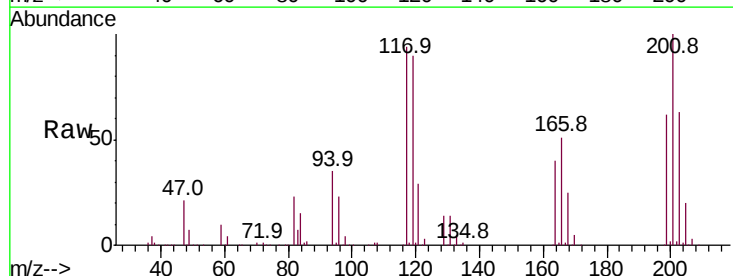


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

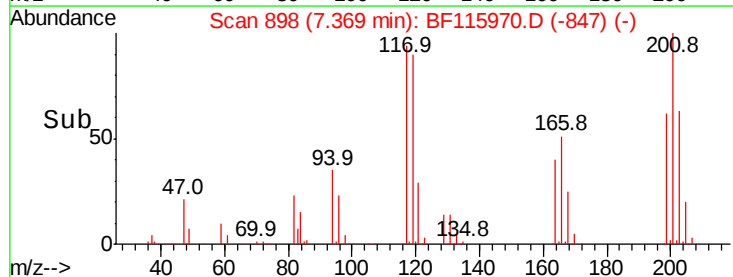
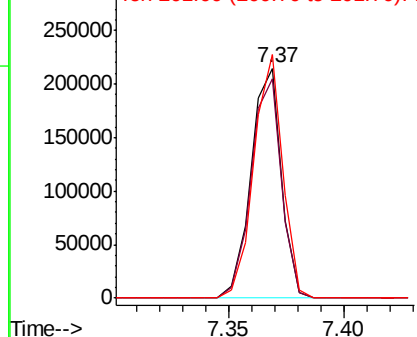


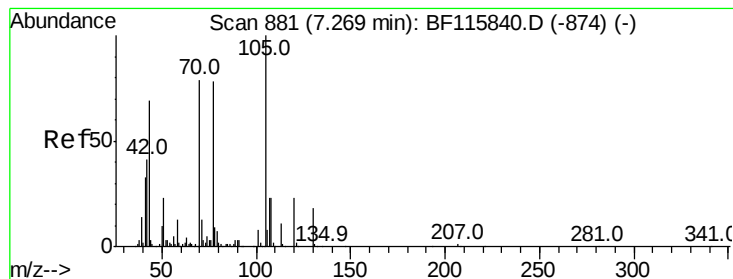
#18
Hexachloroethane
Concen: 40.869 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF115970.D
Acq: 3 Aug 2019 10:07

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

Tot Ion: 70 Resp: 333741

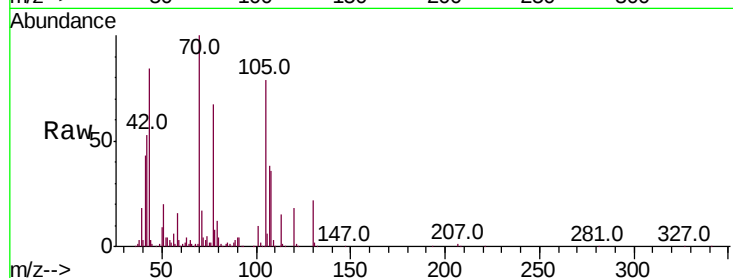
Ion Ratio Lower Upper

70 100

42 52.8 41.8 62.8

101 9.7 7.7 11.5

130 22.1 17.8 26.6



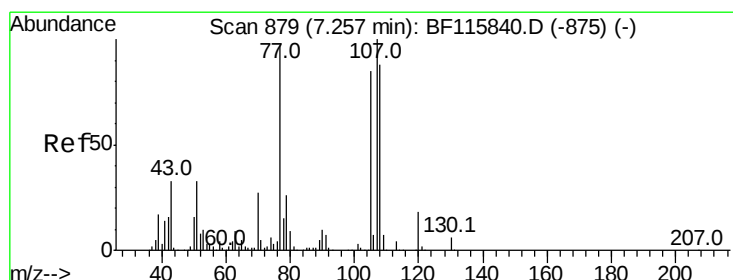
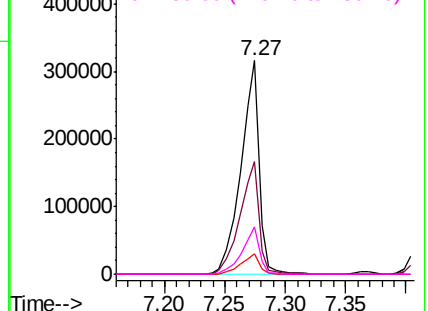
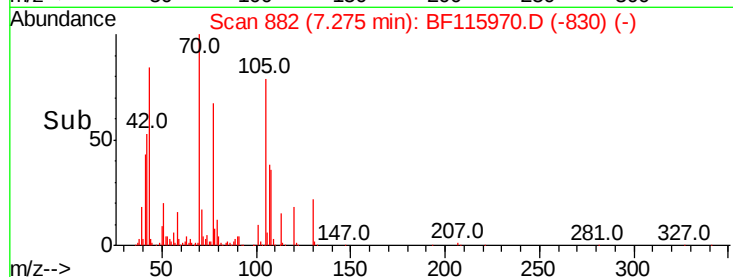
Abundance

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): E

Ion 130.00 (129.70 to 130.70): E



#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

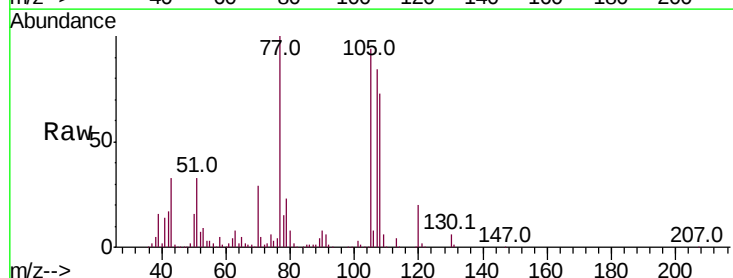
Ion Ratio Lower Upper

107 100

108 86.8 67.9 107.9

77 119.0 77.3 117.3#

79 27.7 6.6 46.6



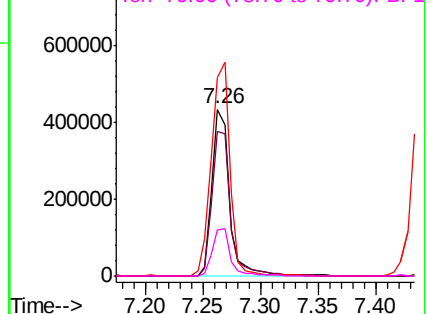
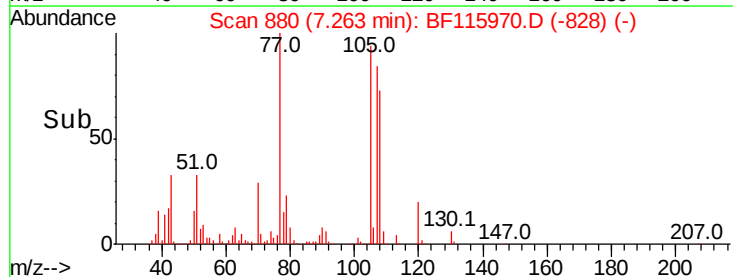
Abundance

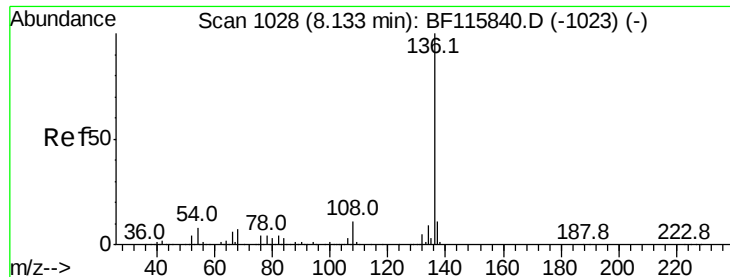
Ion 107.00 (106.70 to 107.70): E

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

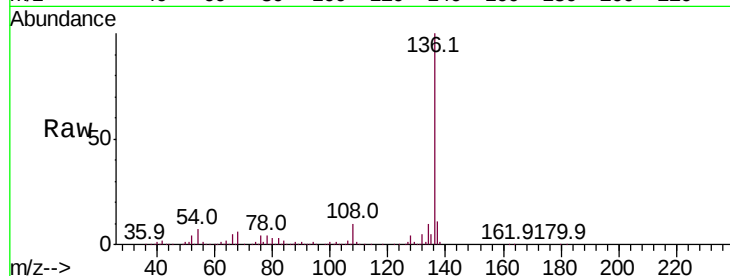




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.01 min
Lab File: BF115970.D
Acq: 3 Aug 2019 10:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot 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



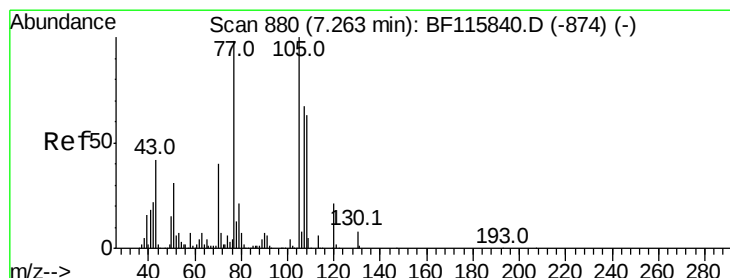
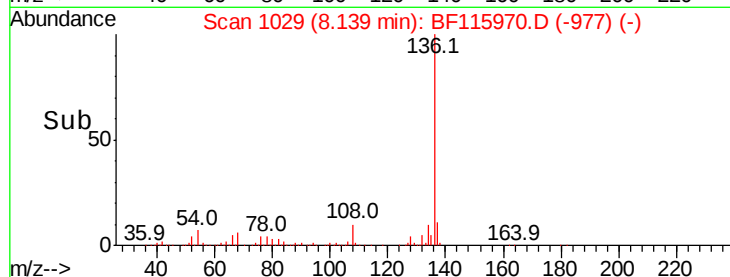
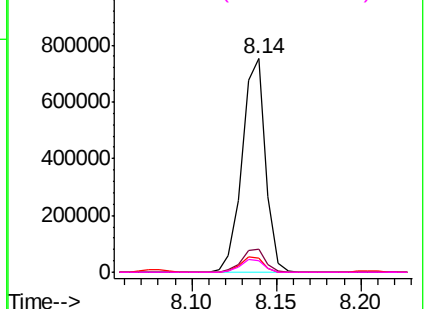
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

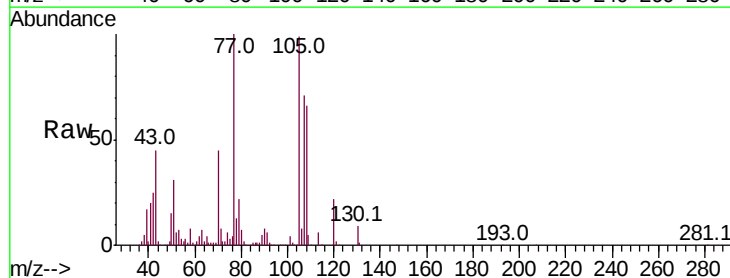
Ion 54.00 (53.70 to 54.70): BF1

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



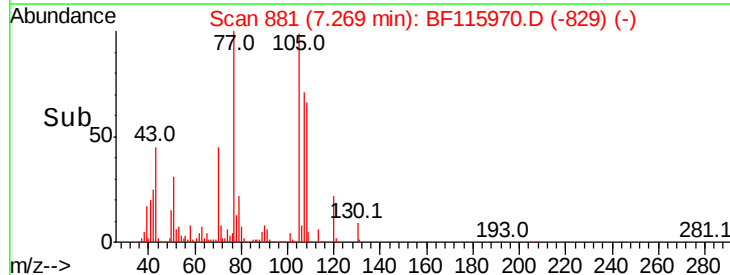
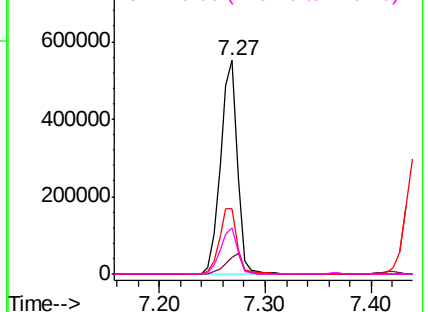
Abundance

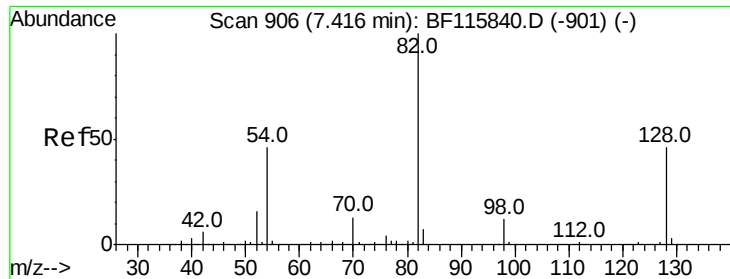
Ion 105.00 (104.70 to 105.70): E

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

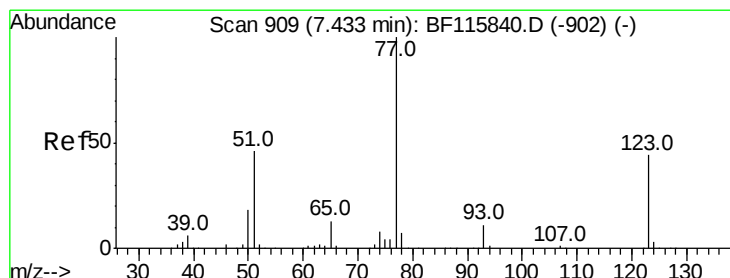
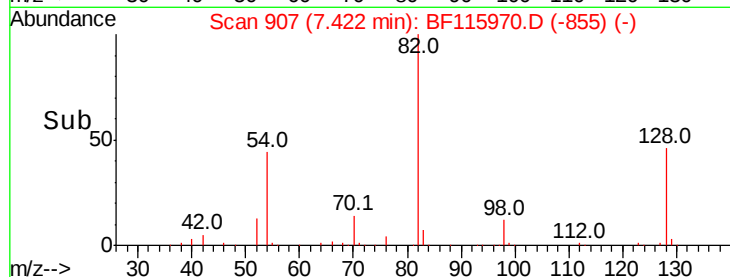
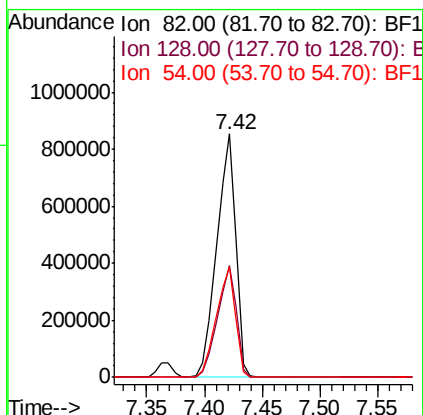
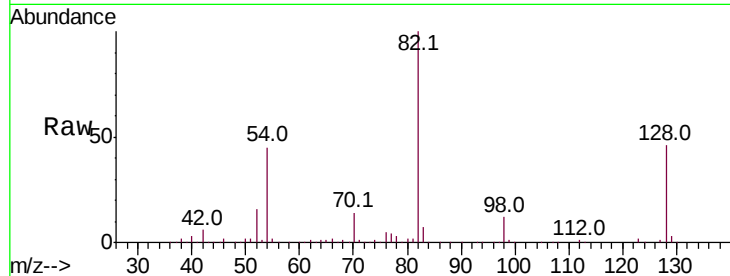




#23
 Nitrobenzene-d5
 Concen: 77.805 ng
 RT: 7.42 min Scan# 907
 Delta R.T. 0.01 min
 Lab File: BF115970.D
 Acq: 3 Aug 2019 10:07

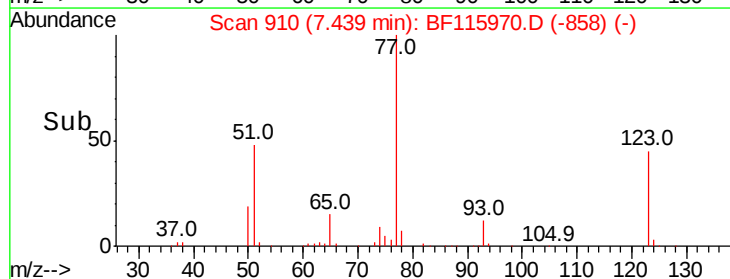
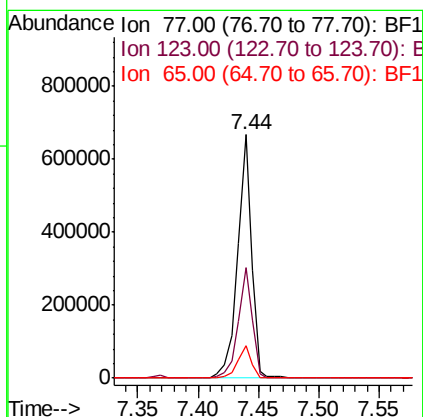
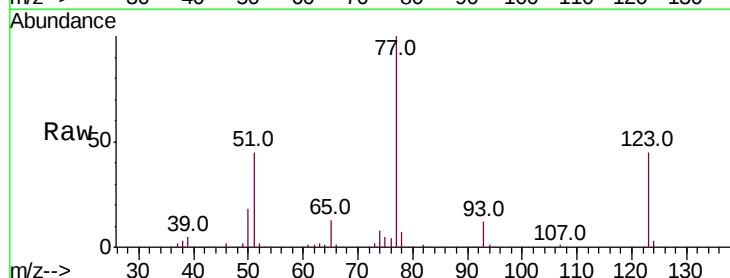
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

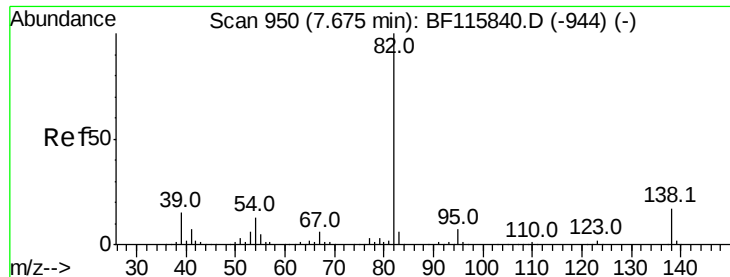
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.8	36.6	55.0
54	45.4	36.6	55.0



#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	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

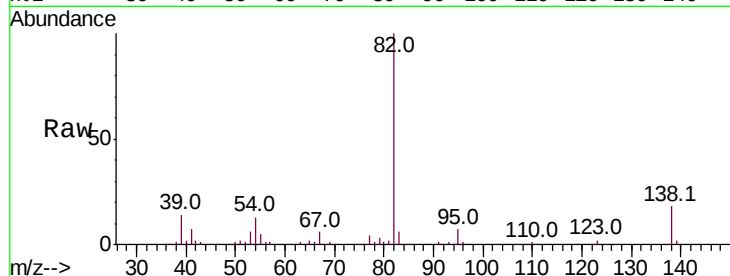
Tot Ion: 82 Resp: 978678

Ion Ratio Lower Upper

82 100

95 6.8 5.5 8.3

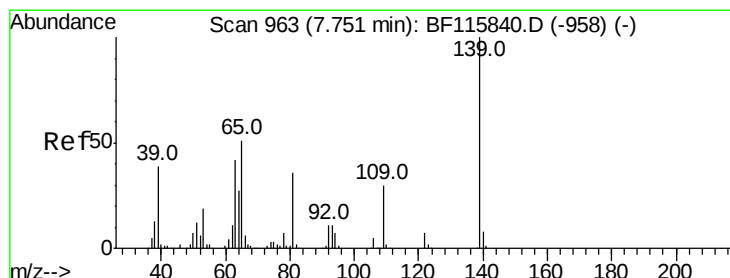
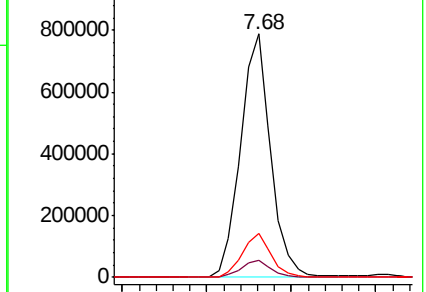
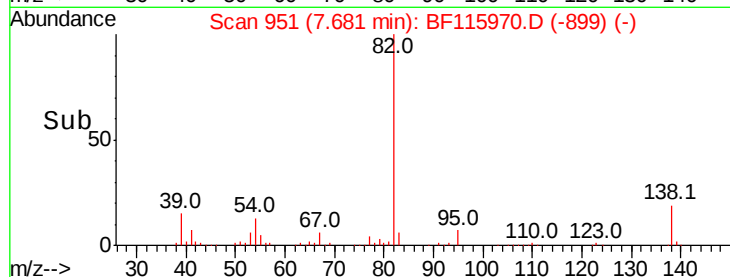
138 18.3 13.9 20.9



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

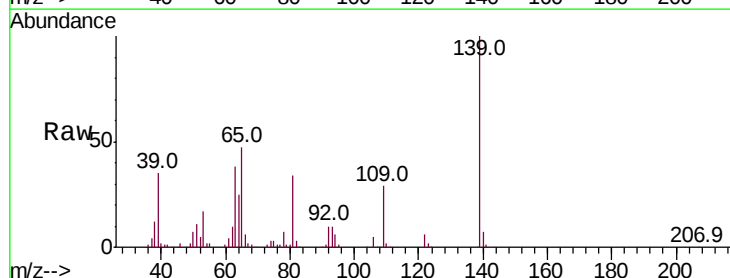
Tgt Ion: 139 Resp: 268068

Ion Ratio Lower Upper

139 100

109 28.6 23.6 35.4

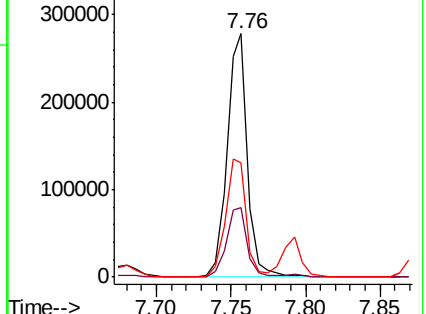
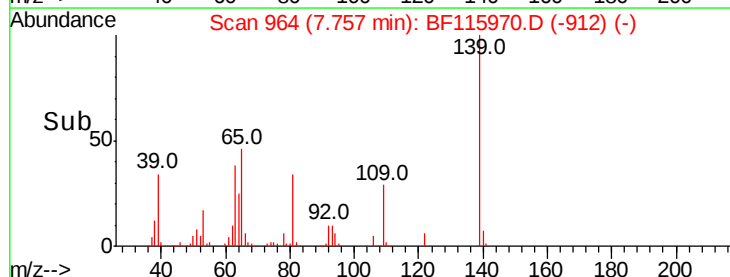
65 46.9 40.6 60.8

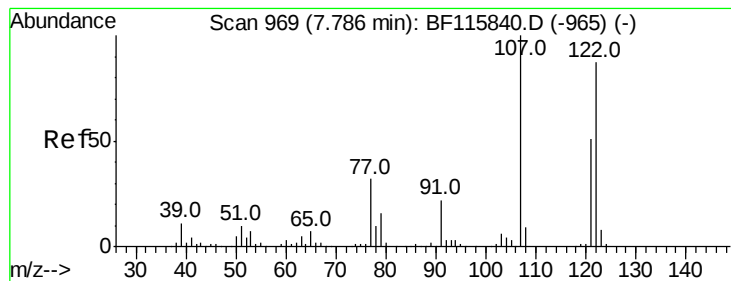


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

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

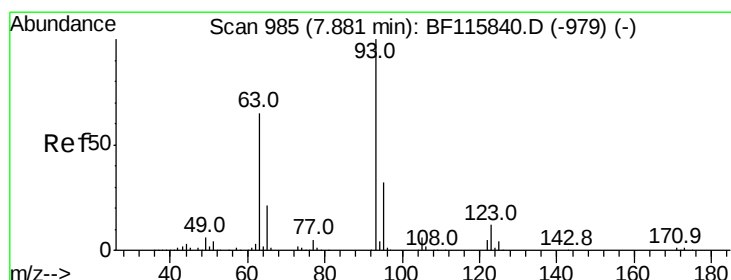
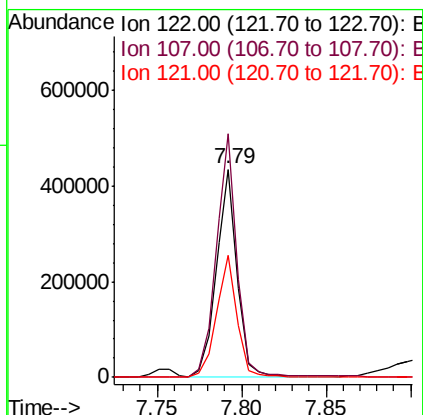
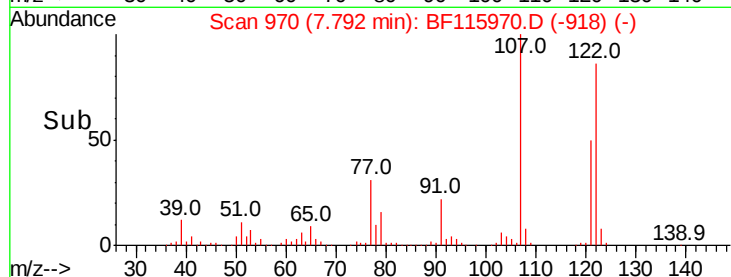
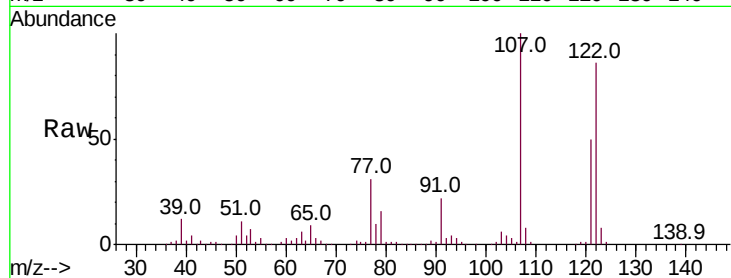
Tot Ion:122 Resp: 375590

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

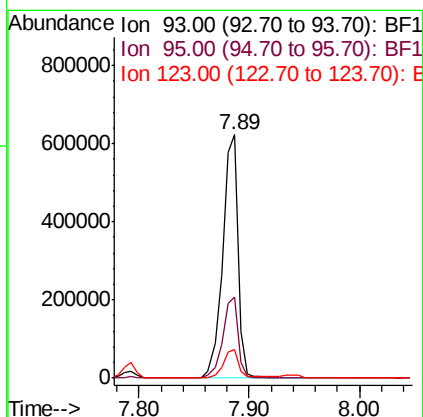
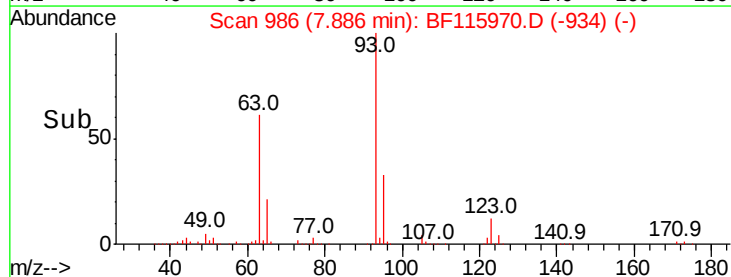
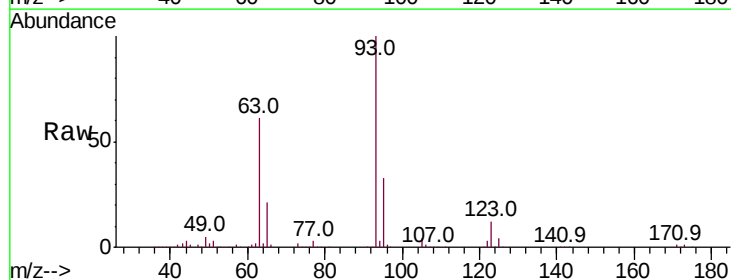
Tgt Ion: 93 Resp: 609211

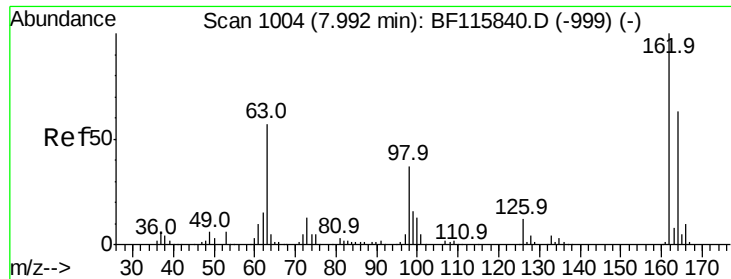
Ion Ratio Lower Upper

93 100

95 33.1 26.0 39.0

123 12.0 9.5 14.3

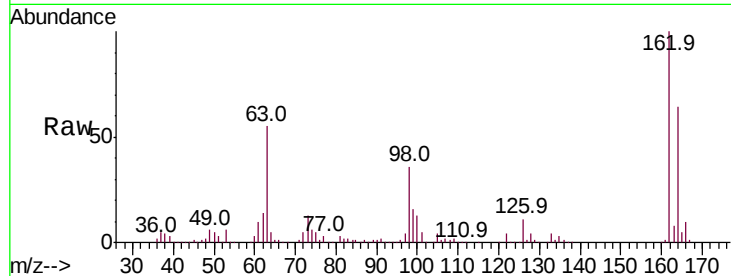




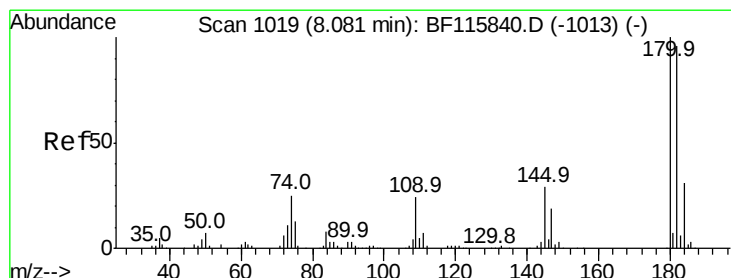
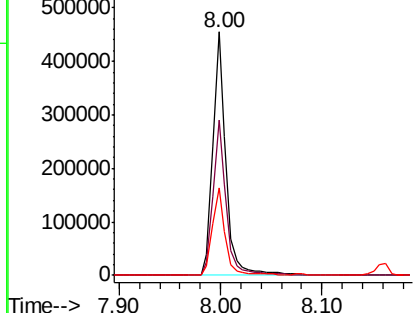
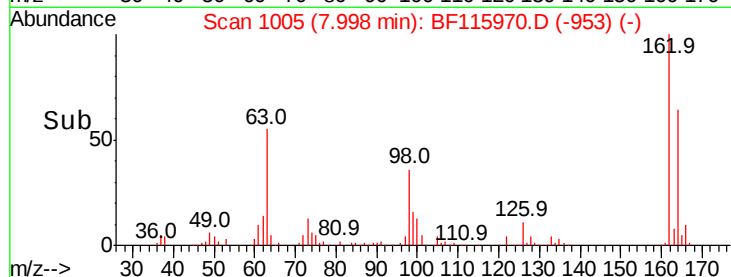
#29
 2,4-Dichlorophenol
 Concen: 40.327 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. 0.01 min
 Lab File: BF115970.D
 Acq: 3 Aug 2019 10:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	43.2	83.2
98	36.2	17.3	57.3

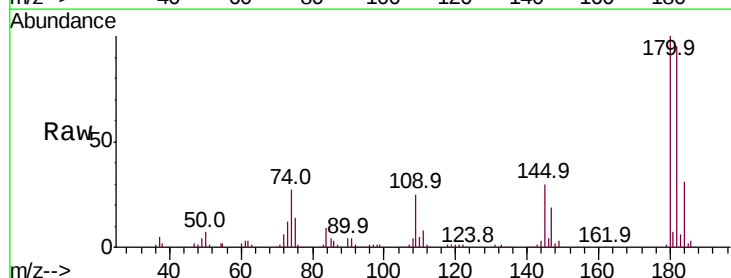


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

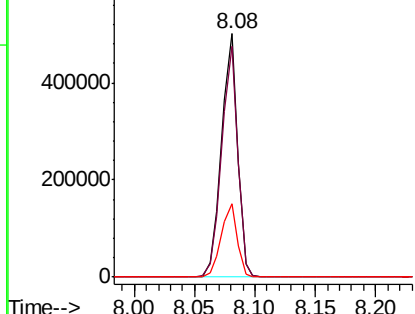
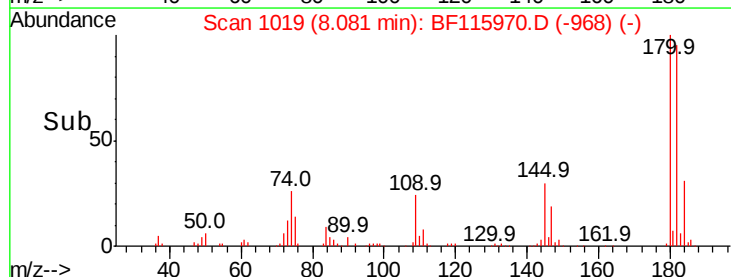


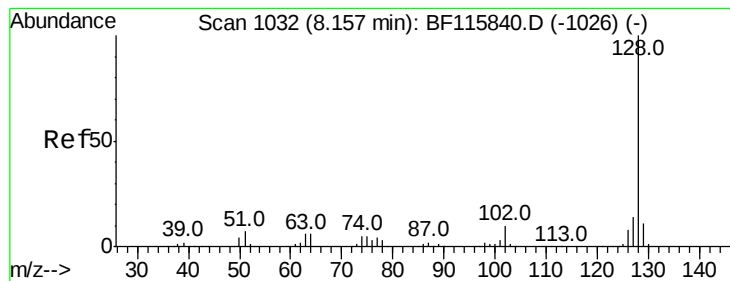
#30
 1,2,4-Trichlorobenzene
 Concen: 39.551 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BF115970.D
 Acq: 3 Aug 2019 10:07

Tgt Ion	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

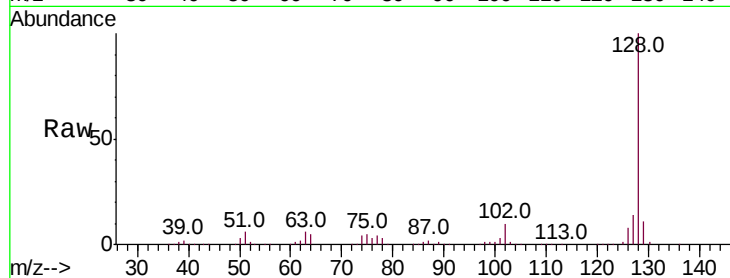
Tot Ion:128 Resp: 1362240

Ion Ratio Lower Upper

128 100

129 11.2 9.2 13.8

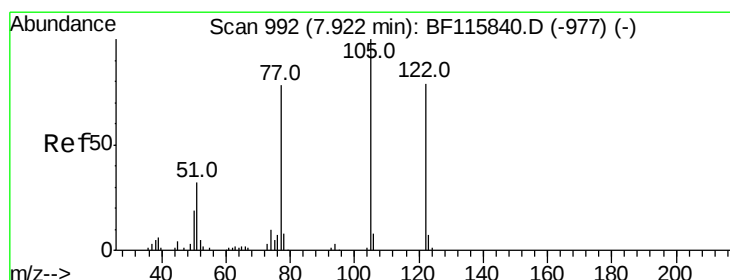
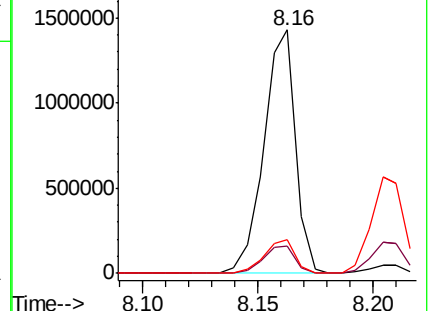
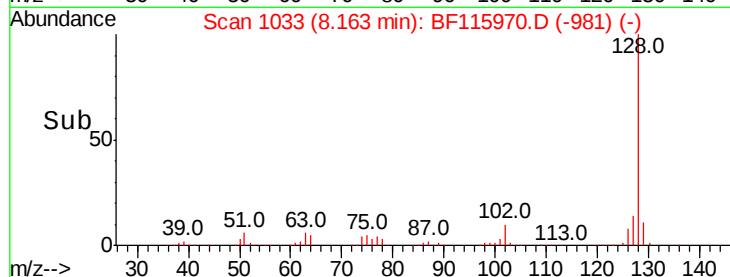
127 14.0 11.0 16.4



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

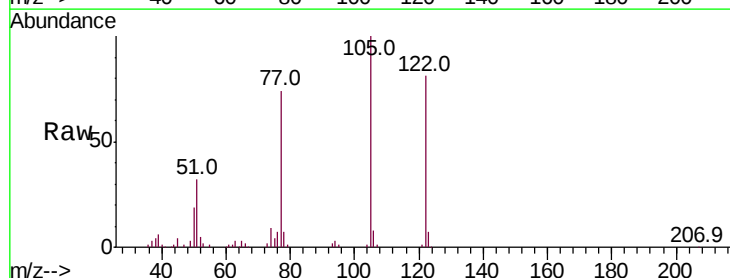
Tgt Ion:122 Resp: 222549

Ion Ratio Lower Upper

122 100

105 123.7 103.1 143.1

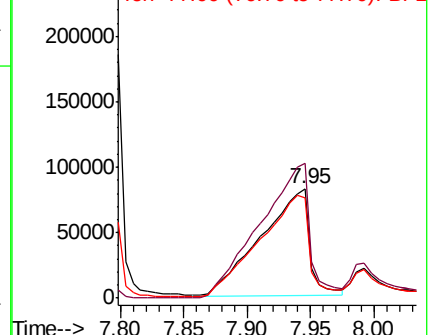
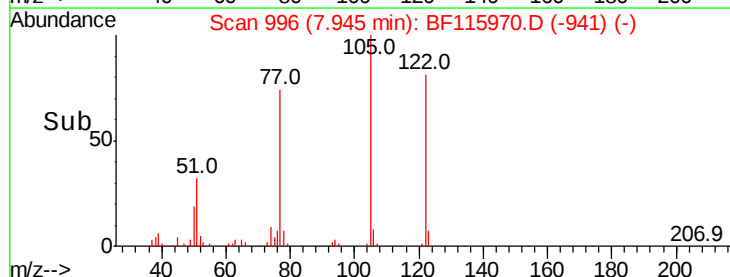
77 91.4 76.8 116.8

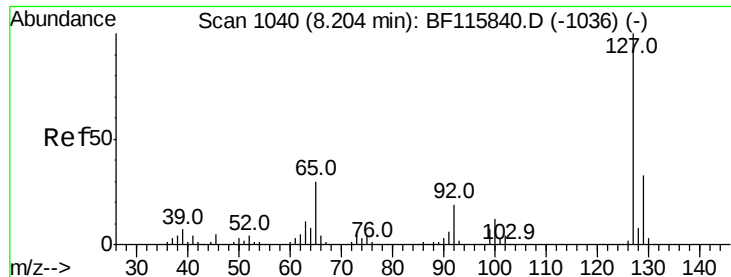


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

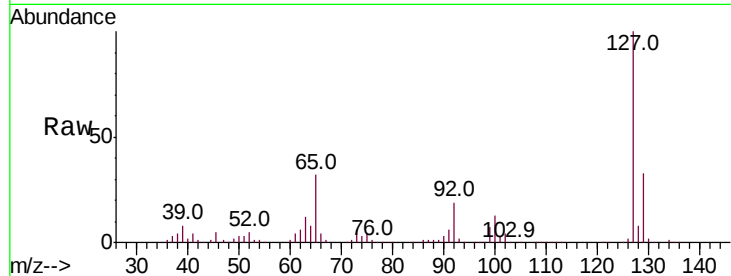




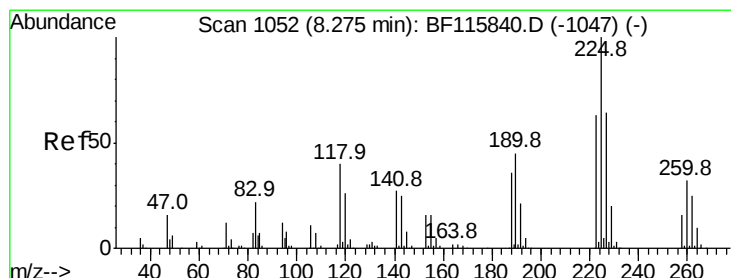
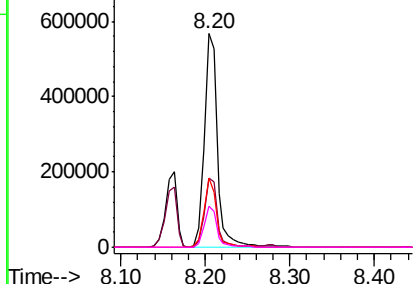
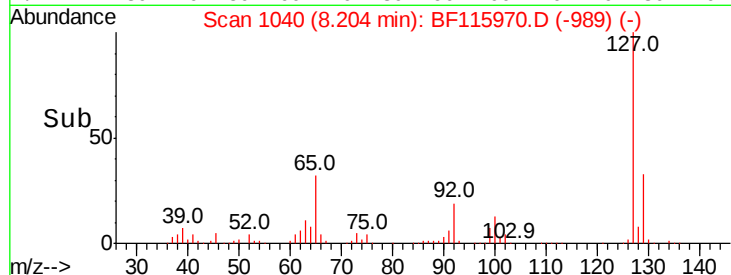
#33
4-Chloroaniline
Concen: 39.705 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF115970.D
Acq: 3 Aug 2019 10:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot 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

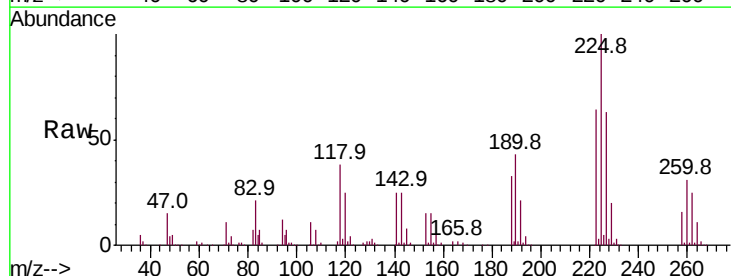


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

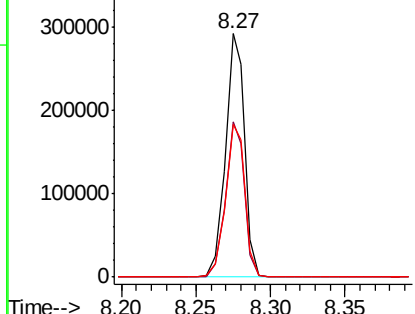
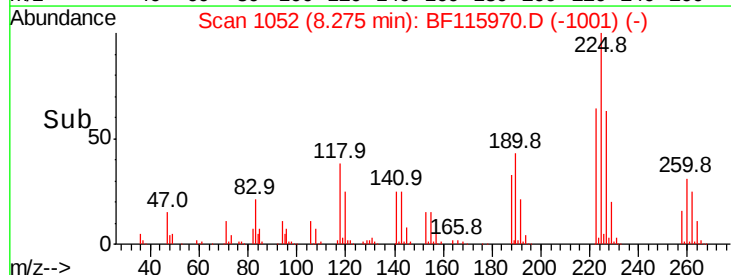


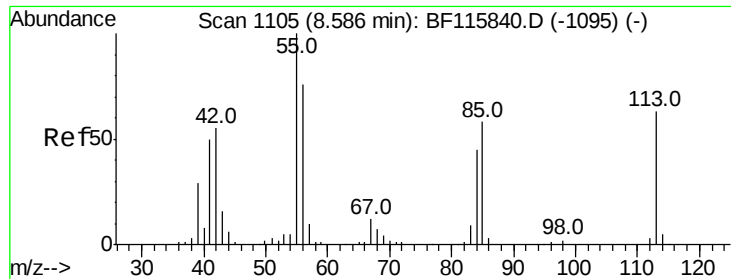
#34
Hexachlorobutadiene
Concen: 39.832 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF115970.D
Acq: 3 Aug 2019 10:07

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

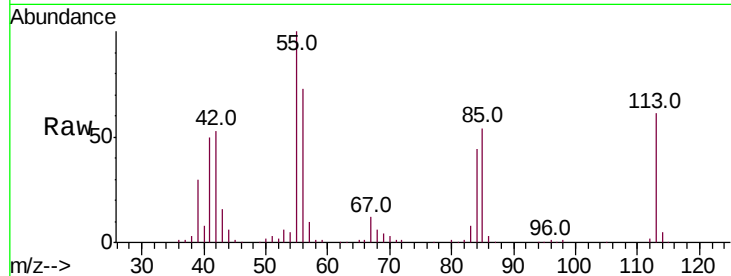




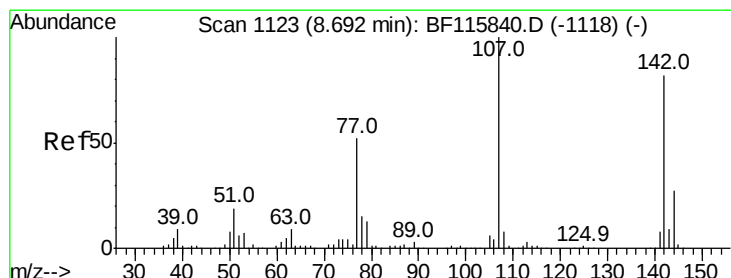
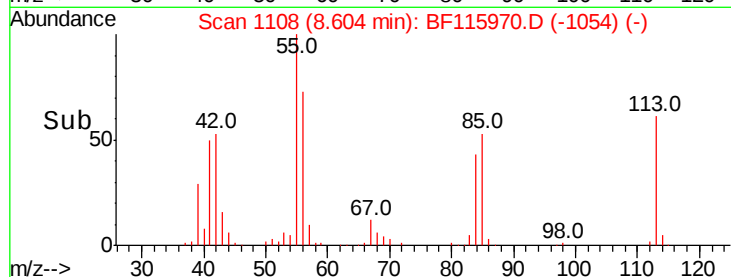
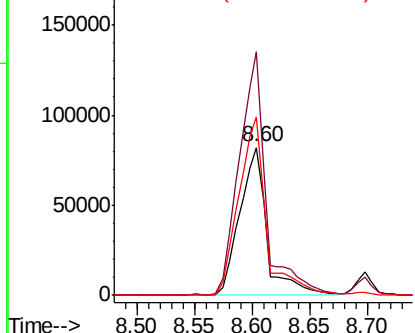
#35
Caprolactam
Concen: 40.480 ng
RT: 8.60 min Scan# 1108
Delta R.T. 0.02 min
Lab File: BF115970.D
Acq: 3 Aug 2019 10:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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

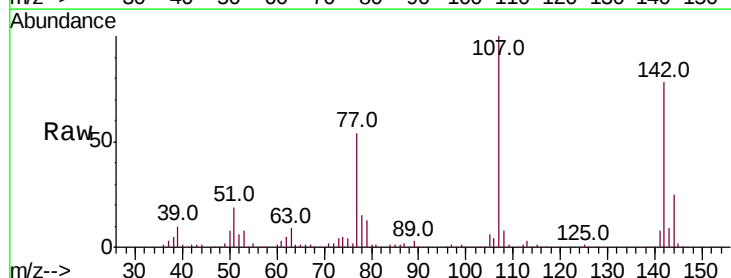


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

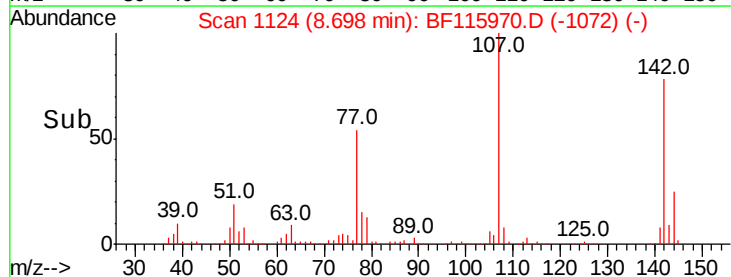
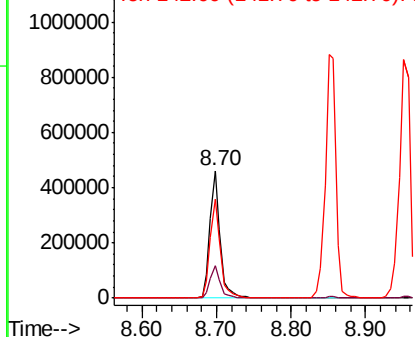


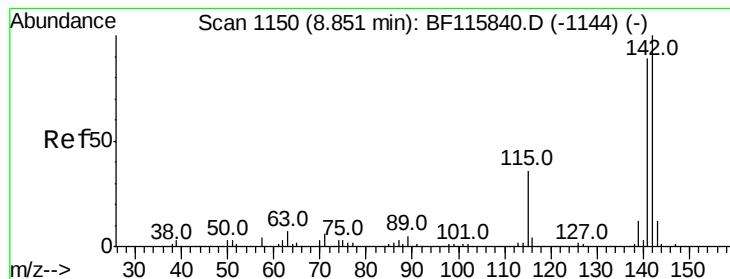
#36
4-Chloro-3-methylphenol
Concen: 41.363 ng
RT: 8.70 min Scan# 1124
Delta R.T. 0.01 min
Lab File: BF115970.D
Acq: 3 Aug 2019 10:07

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



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





#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

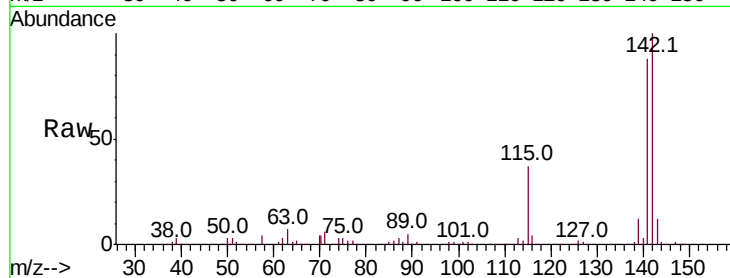
Tot Ion:142 Resp: 897868

Ion Ratio Lower Upper

142 100

141 88.2 71.4 107.2

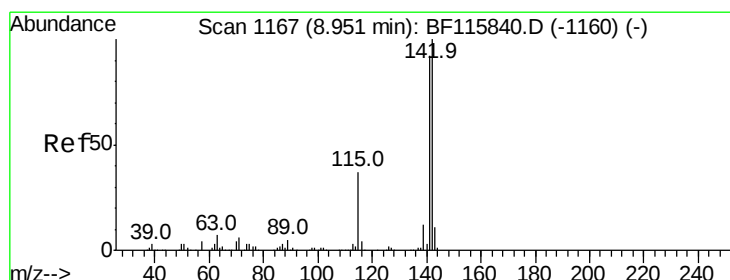
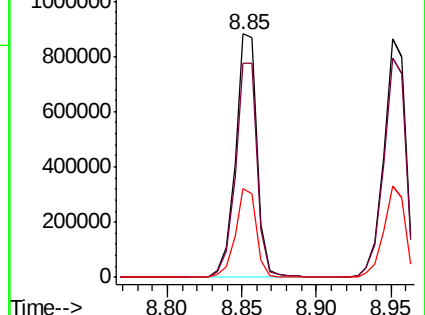
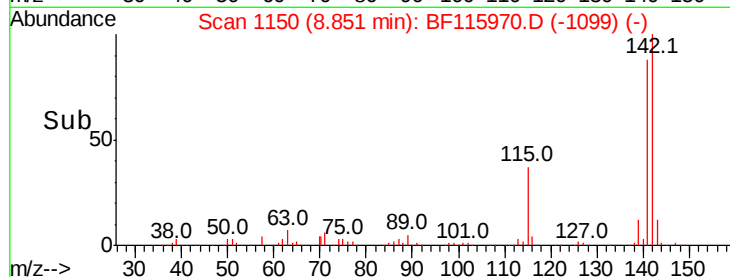
115 36.7 28.9 43.3



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

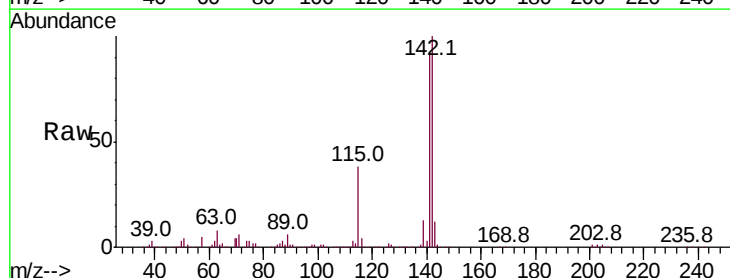
Tgt Ion:142 Resp: 860478

Ion Ratio Lower Upper

142 100

141 92.0 73.8 110.6

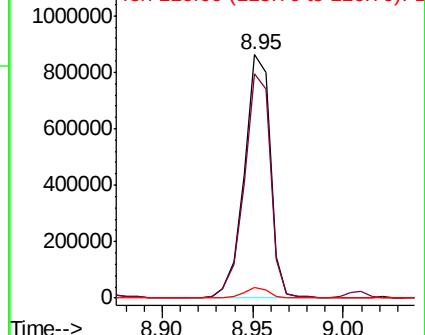
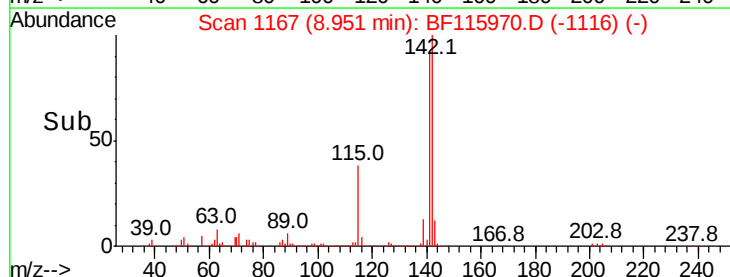
116 4.2 3.1 4.7

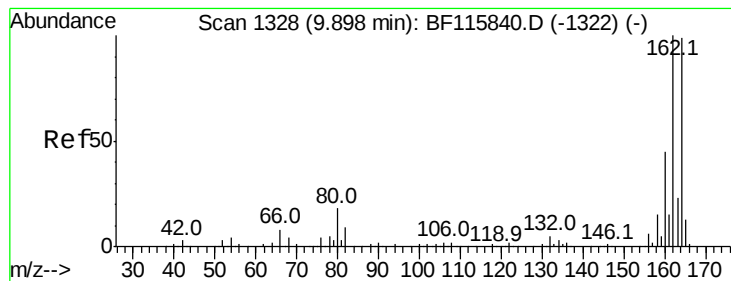


Abundance Ion 142.00 (141.70 to 142.70): E

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

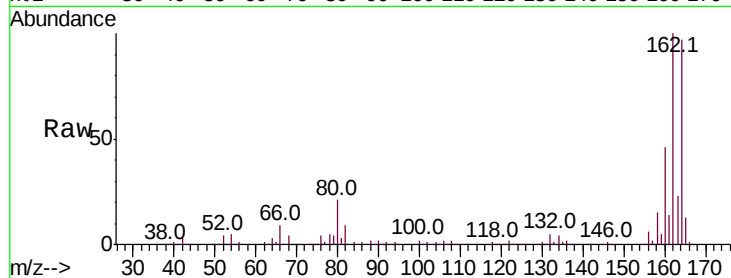
Tot Ion:164 Resp: 369167

Ion Ratio Lower Upper

164 100

162 103.1 80.8 121.2

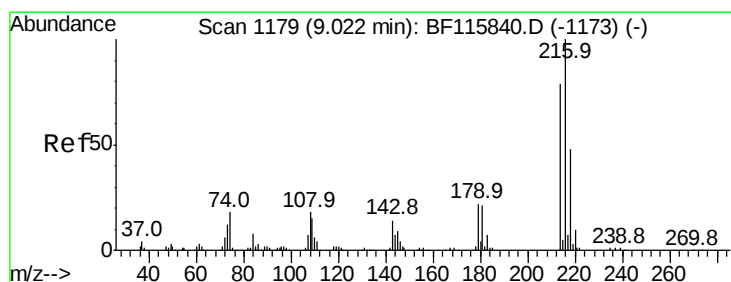
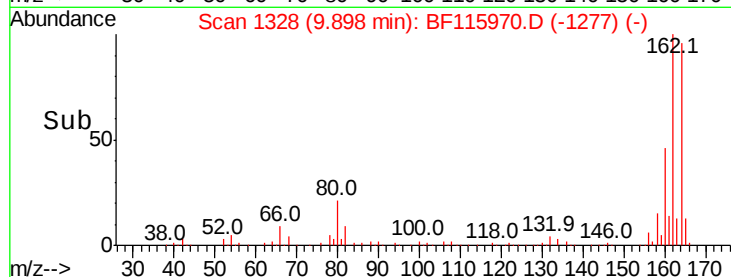
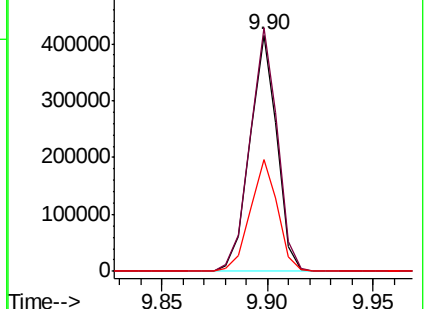
160 47.1 36.2 54.4



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

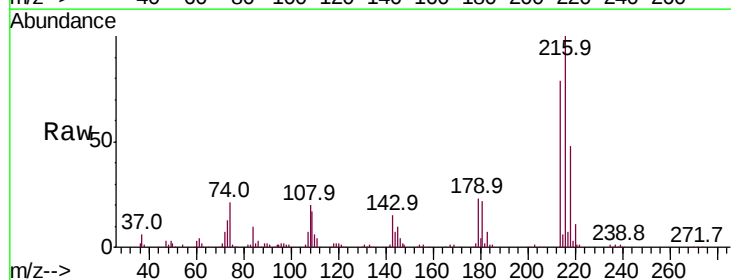
Ion Ratio Lower Upper

216 100

214 78.7 62.8 94.2

179 22.4 17.6 26.4

108 20.2 16.1 24.1

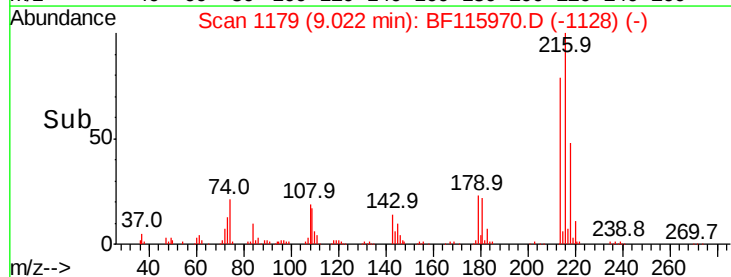
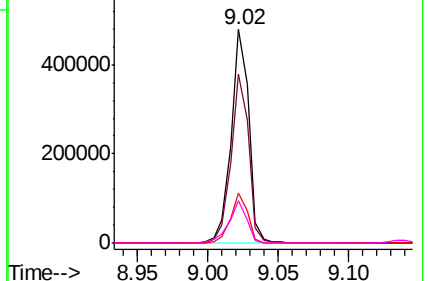


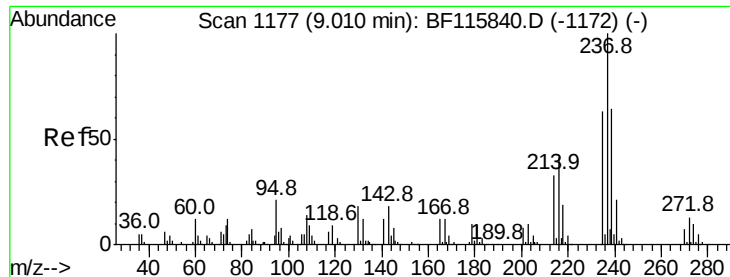
Abundance Ion 216.00 (215.70 to 216.70): E

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

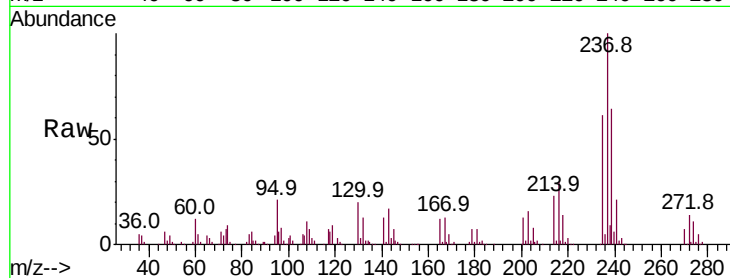
Tot Ion:237 Resp: 136739

Ion Ratio Lower Upper

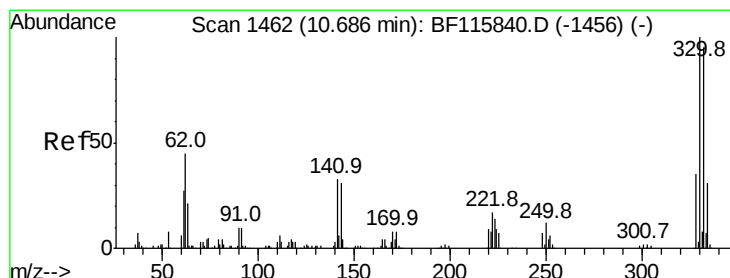
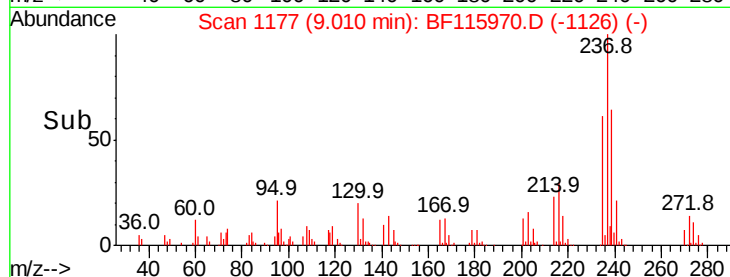
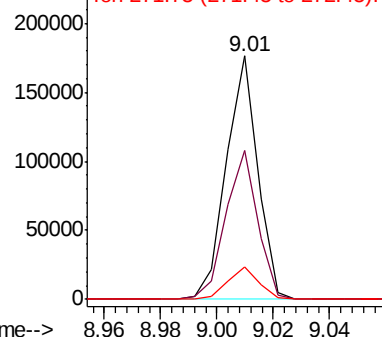
237 100

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

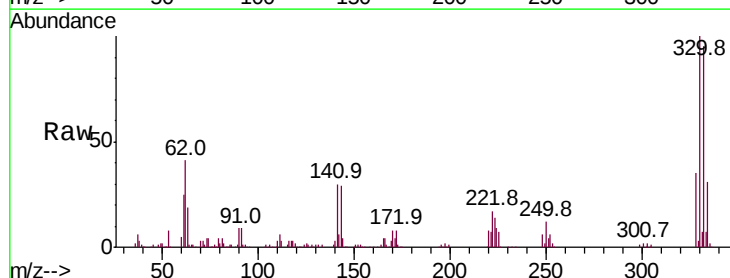
Tgt Ion:330 Resp: 304070

Ion Ratio Lower Upper

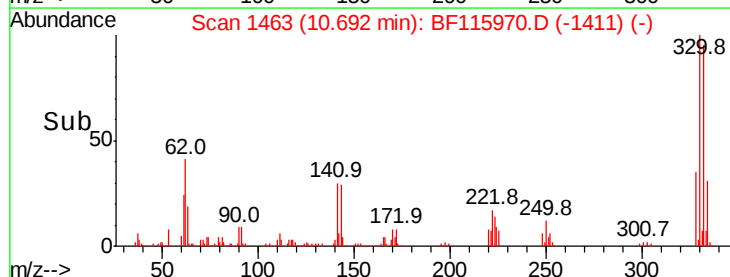
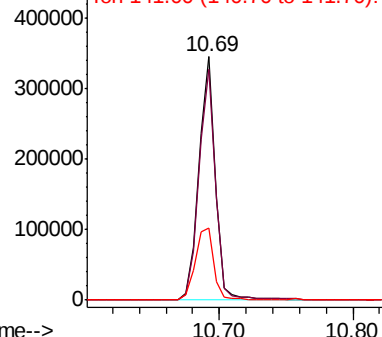
330 100

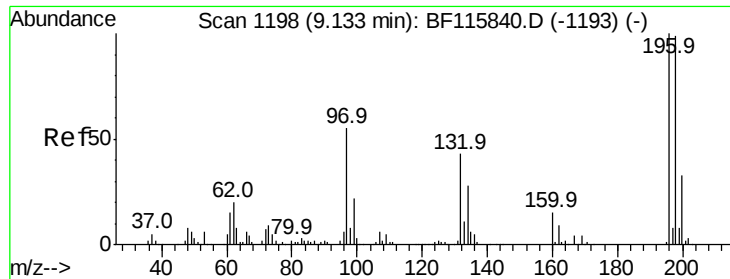
332 96.1 77.7 116.5

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

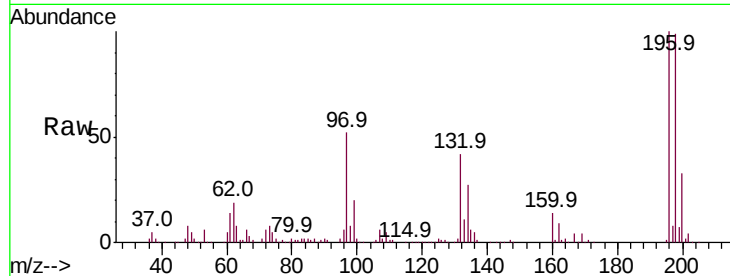




#43
 2,4,6-Trichlorophenol
 Concen: 41.263 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF115970.D
 Acq: 3 Aug 2019 10:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

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

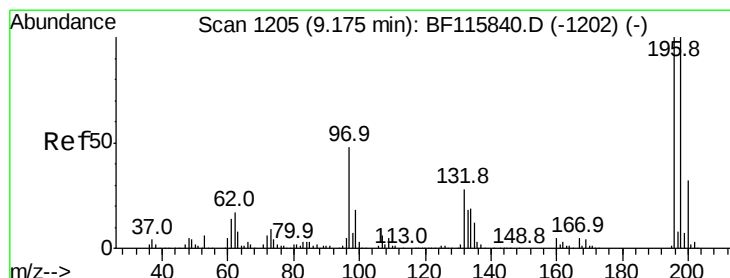
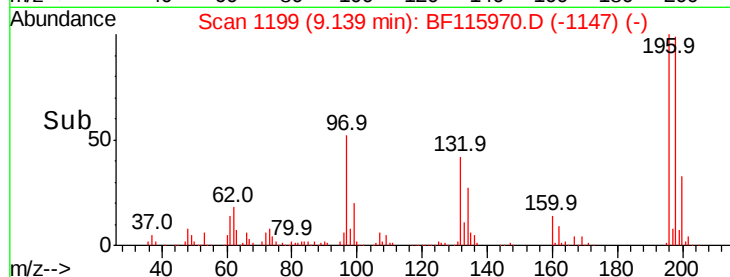
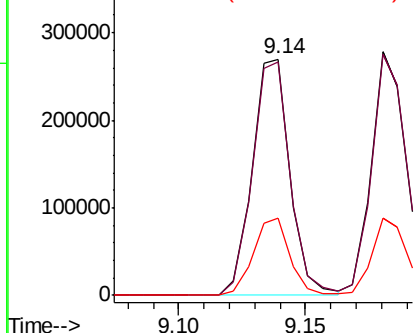


Abundance

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

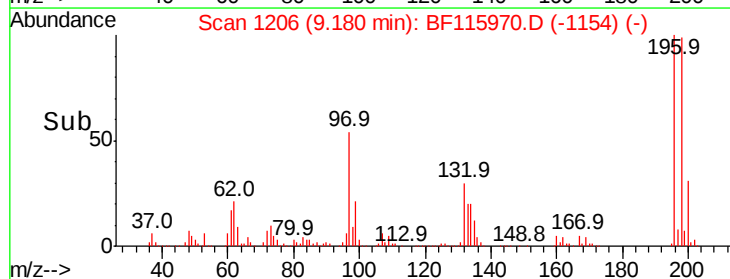
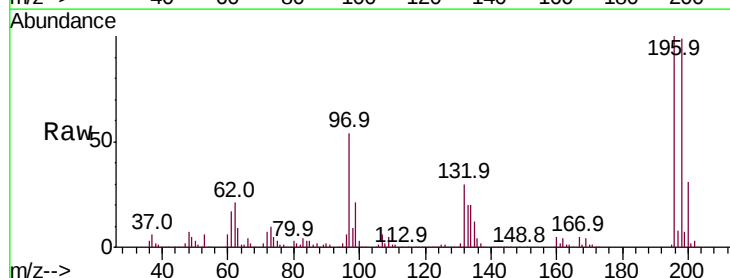
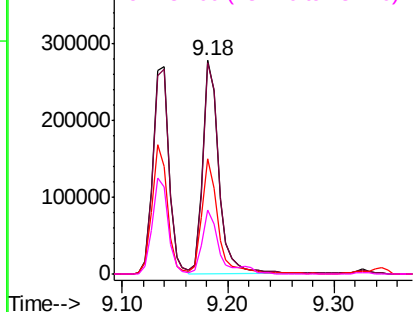
Abundance

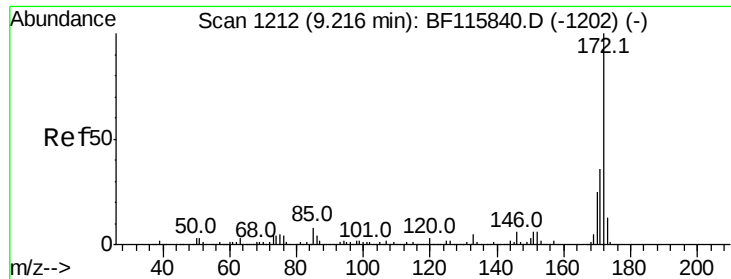
Ion 196.00 (195.70 to 196.70): E

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

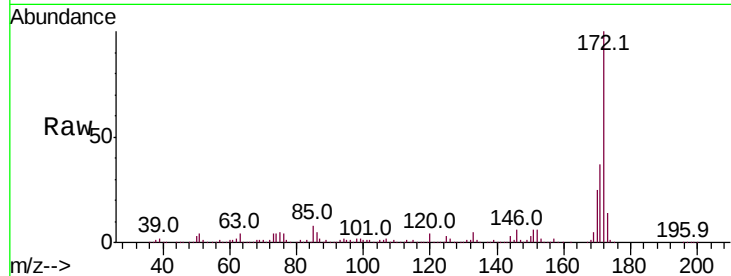




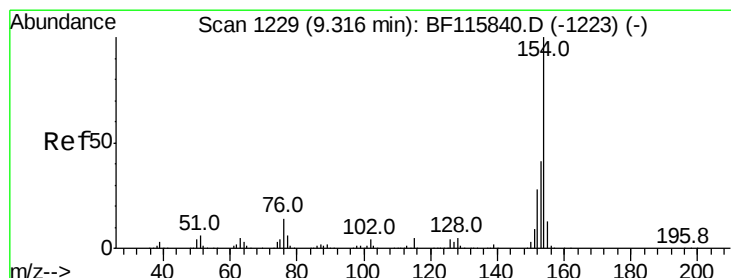
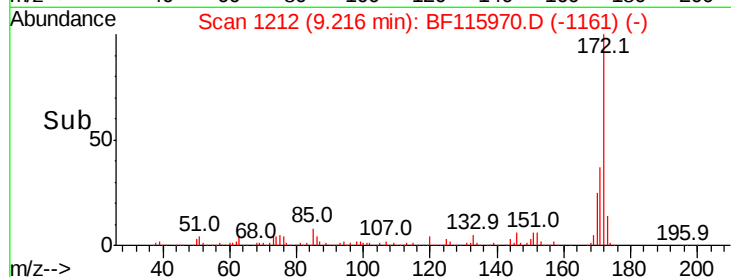
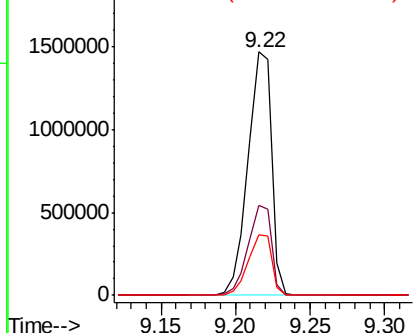
#45
2-Fluorobiphenyl
Concen: 81.662 ng
RT: 9.22 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF115970.D
Acq: 3 Aug 2019 10:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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

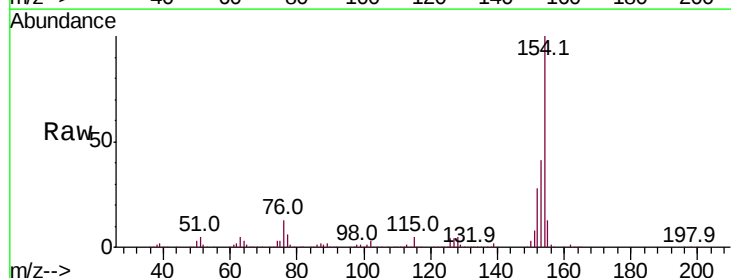


Abundance Ion 172.00 (171.70 to 172.70): E
2000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

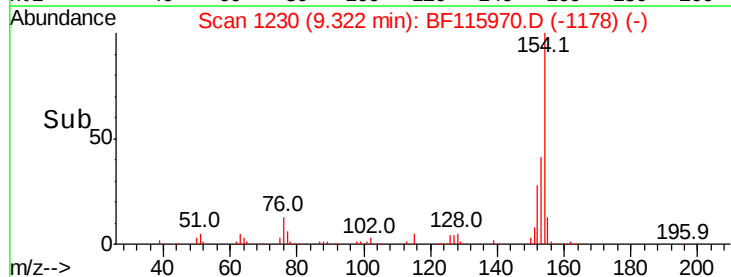
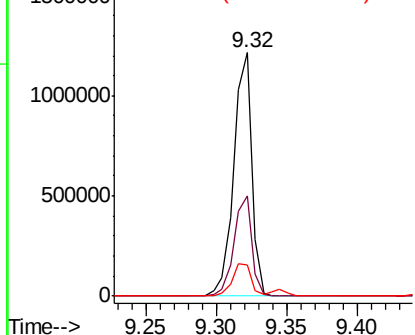


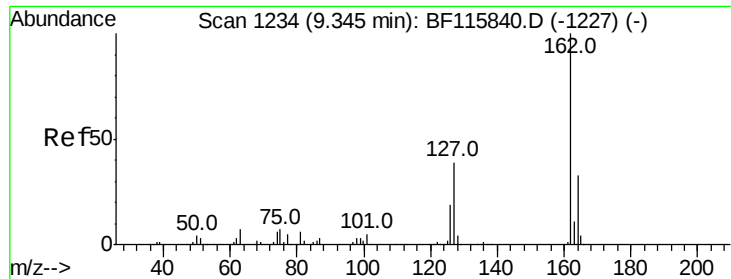
#46
1,1'-Biphenyl
Concen: 41.577 ng
RT: 9.32 min Scan# 1230
Delta R.T. 0.01 min
Lab File: BF115970.D
Acq: 3 Aug 2019 10:07

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

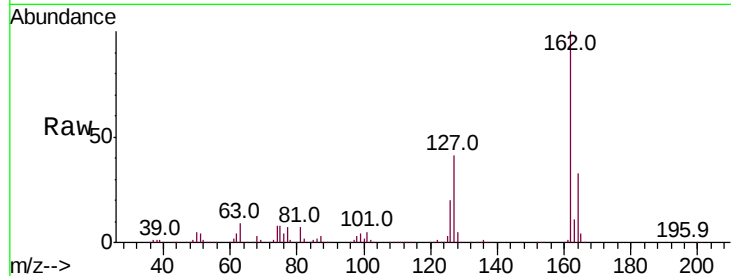




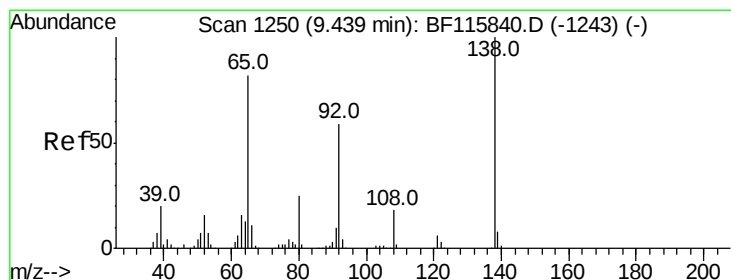
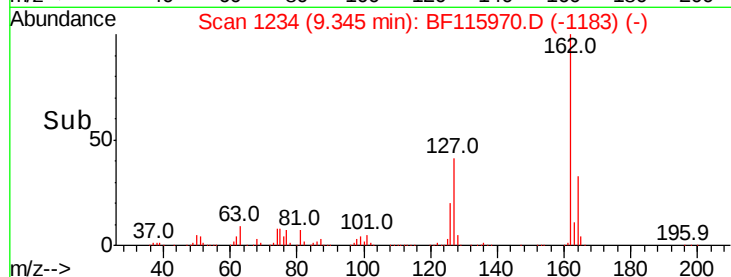
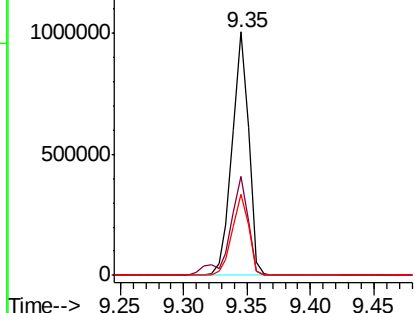
#47
 2-Chloronaphthalene
 Concen: 41.465 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. 0.00 min
 Lab File: BF115970.D
 Acq: 3 Aug 2019 10:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	162	Resp:	899474
Ion	Ratio	Lower	Upper
162	100		
127	40.8	31.3	46.9
164	33.3	26.6	40.0

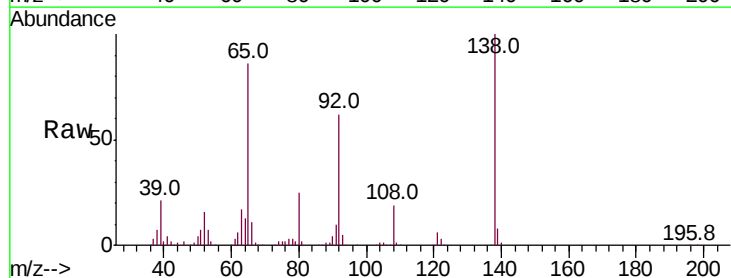


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

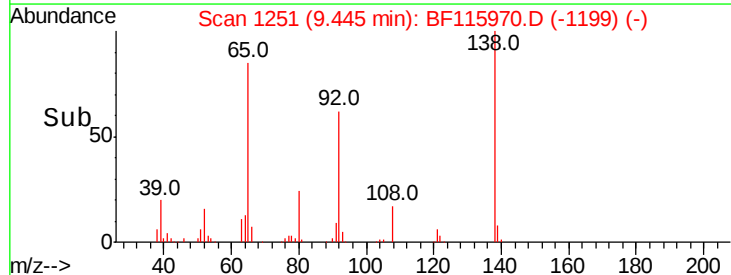
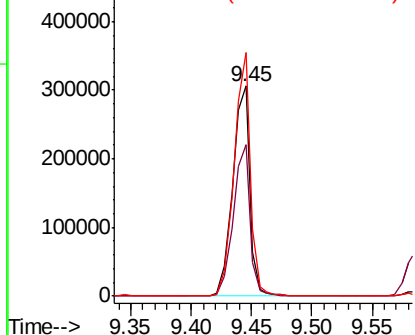


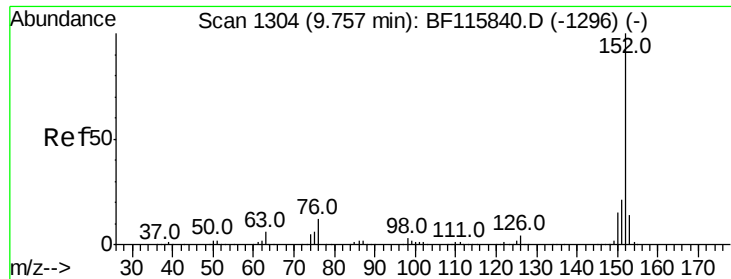
#48
 2-Nitroaniline
 Concen: 42.517 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. 0.01 min
 Lab File: BF115970.D
 Acq: 3 Aug 2019 10:07

Tgt Ion:	65	Resp:	304848
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

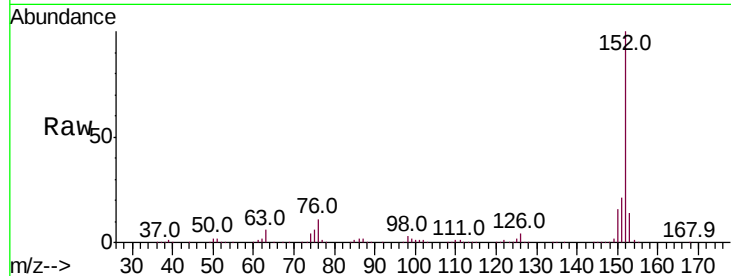
Tot Ion:152 Resp: 1351509

Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.8	25.2
153	14.1	11.6	17.4

152 100

151 21.2 16.8 25.2

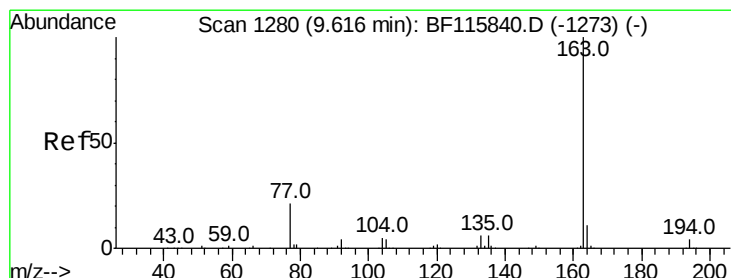
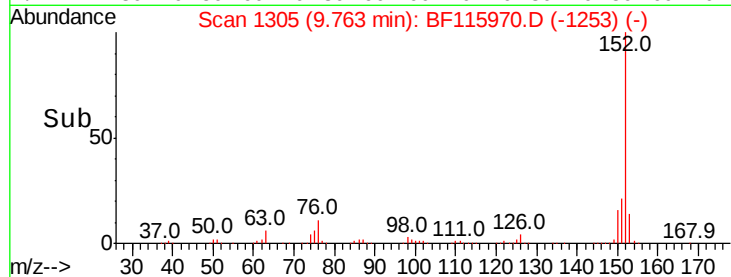
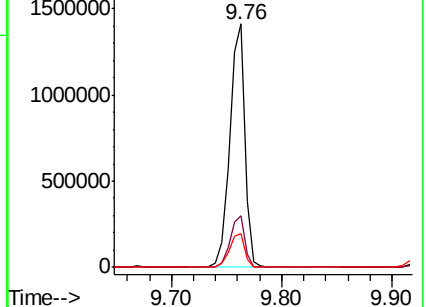
153 14.1 11.6 17.4



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

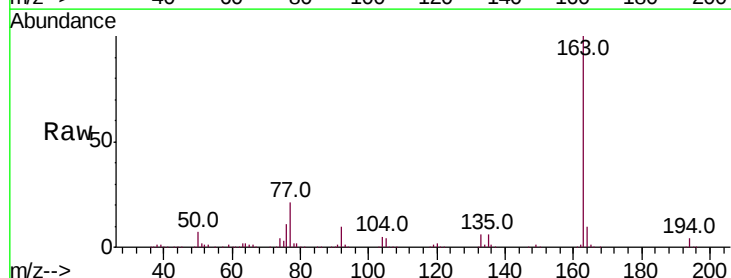
Tgt Ion:163 Resp: 1107697

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.6
164	10.5	8.4	12.6

163 100

194 3.9 3.0 4.6

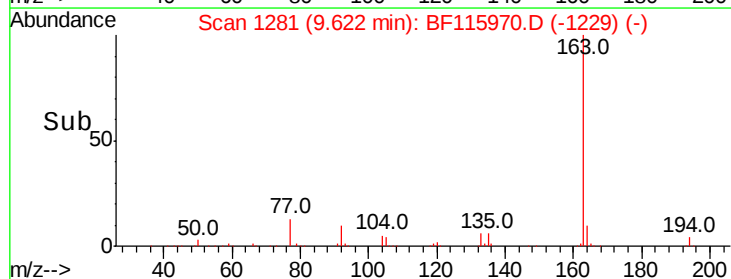
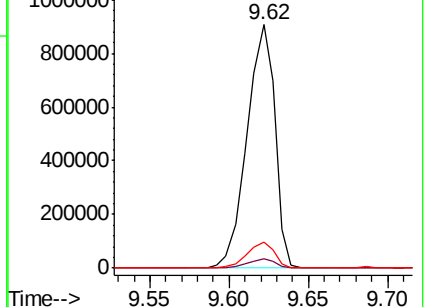
164 10.5 8.4 12.6

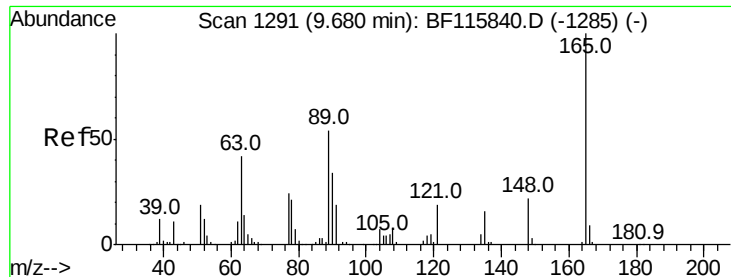


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

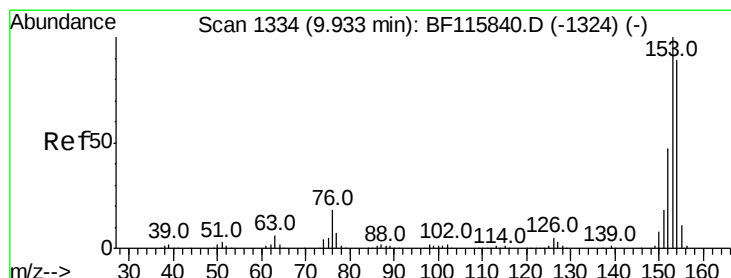
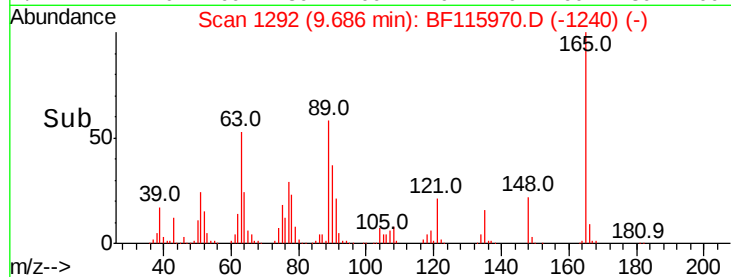
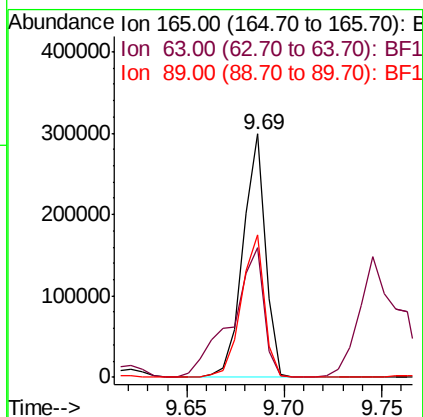
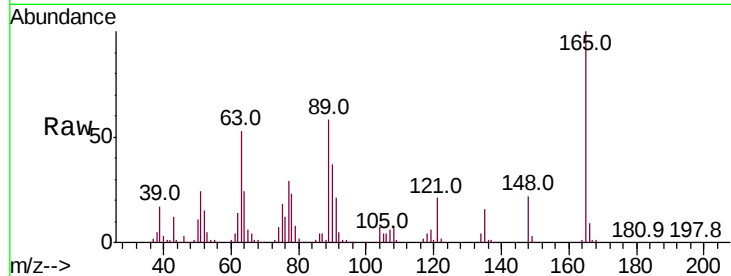




#51
 2,6-Dinitrotoluene
 Concen: 43.822 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. 0.01 min
 Lab File: BF115970.D
 Acq: 3 Aug 2019 10:07

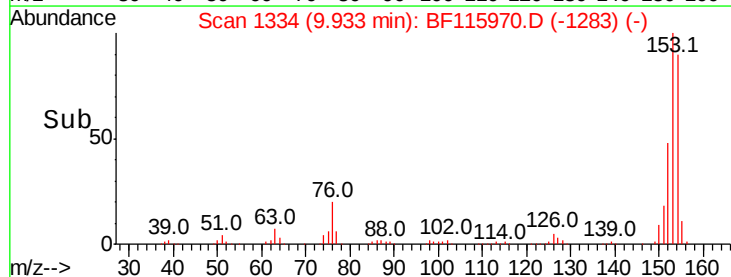
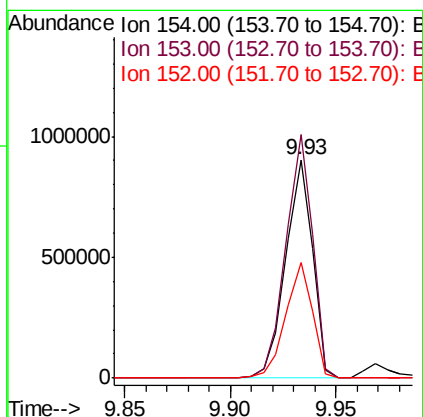
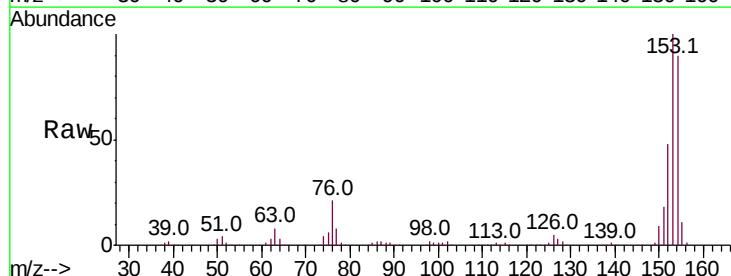
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

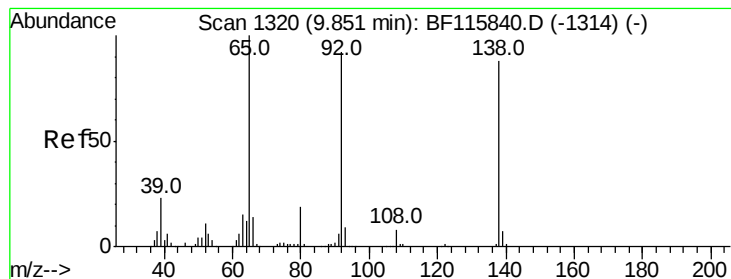
Tot Ion	Ratio	Lower	Upper
165	100		
63	53.3	39.4	59.2
89	58.5	43.0	64.6



#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	Ratio	Lower	Upper
154	100		
153	111.4	90.1	135.1
152	53.2	42.6	63.8





#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

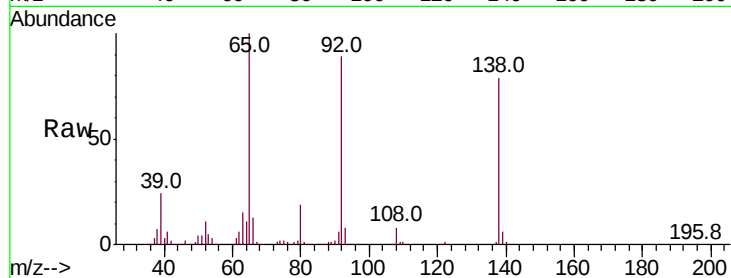
Tot Ion:138 Resp: 282485

Ion Ratio Lower Upper

138 100

108 9.8 7.4 11.2

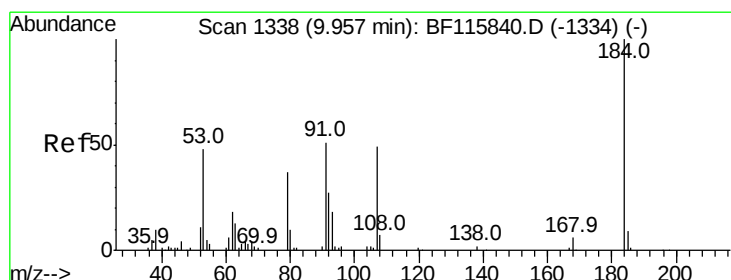
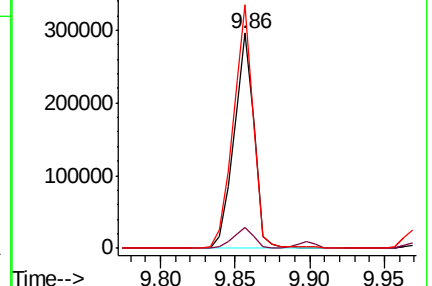
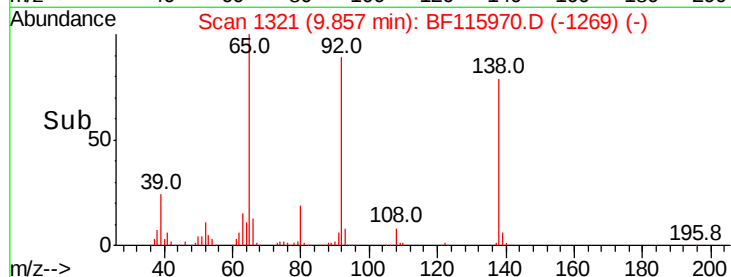
92 113.3 83.9 125.9



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

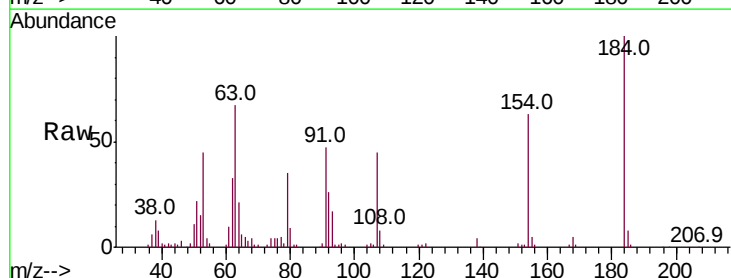
Tgt Ion:184 Resp: 93260

Ion Ratio Lower Upper

184 100

63 67.4 56.7 85.1

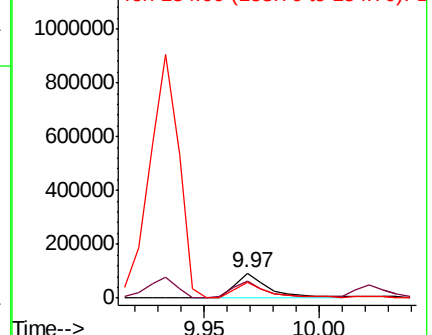
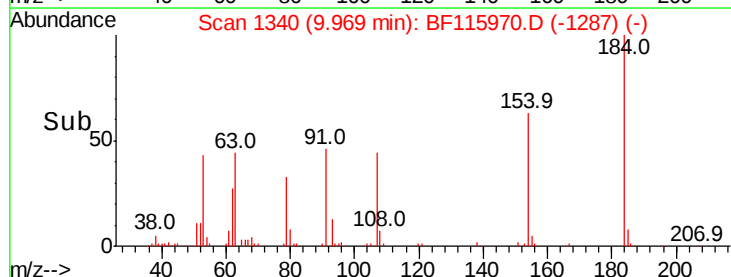
154 63.1 51.9 77.9

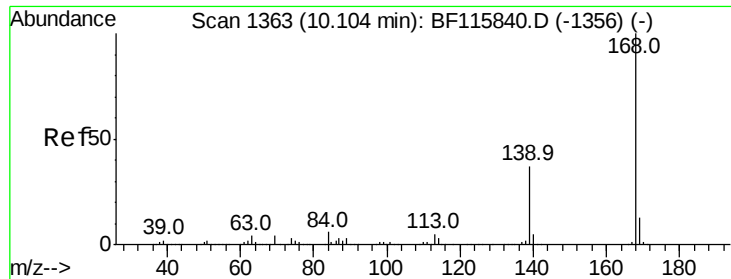


Abundance Ion 184.00 (183.70 to 184.70): E

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

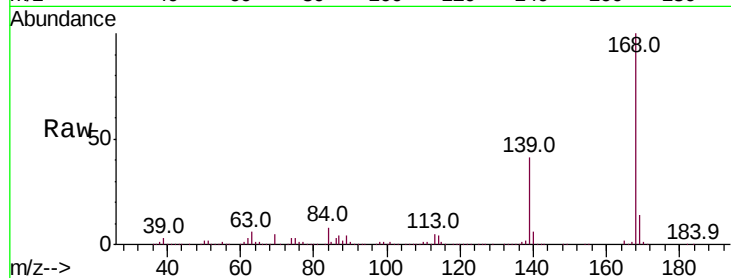
Tot Ion:168 Resp: 1185050

Ion Ratio Lower Upper

168 100

139 40.6 30.2 45.2

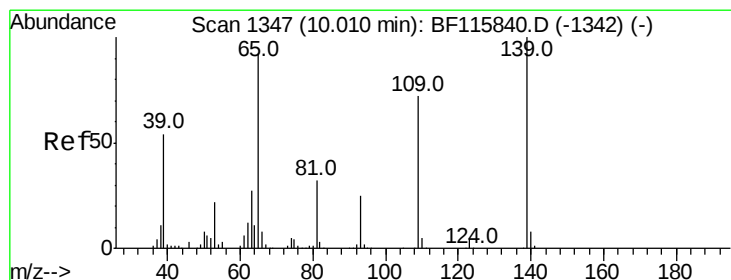
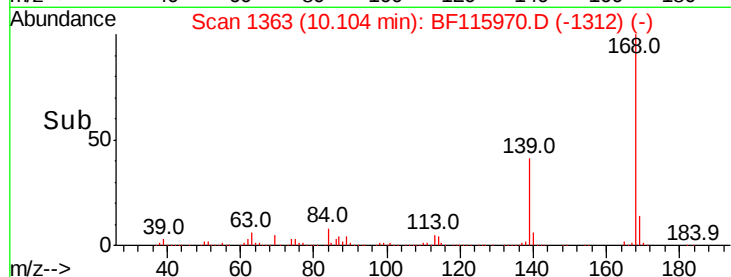
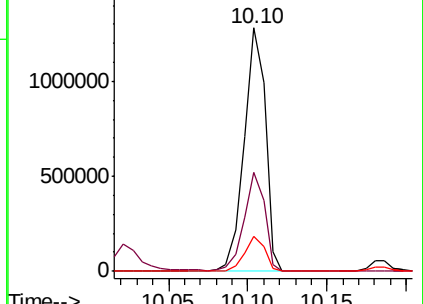
169 14.2 10.8 16.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#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

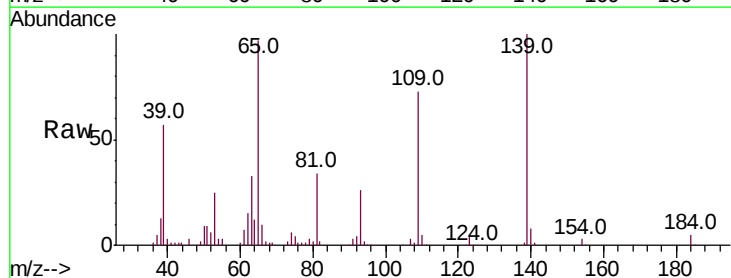
Tgt Ion:139 Resp: 168437

Ion Ratio Lower Upper

139 100

109 72.5 52.0 92.0

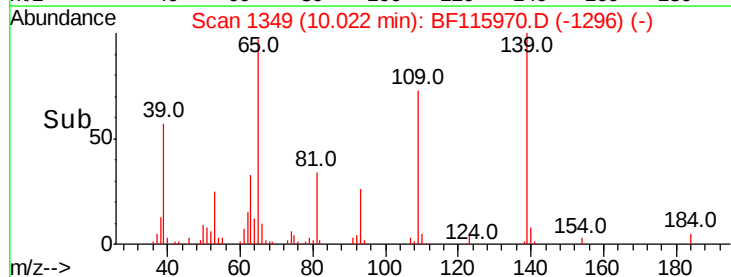
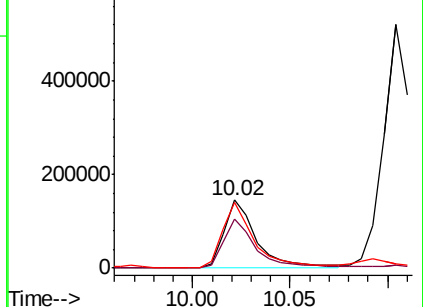
65 97.3 72.6 112.6

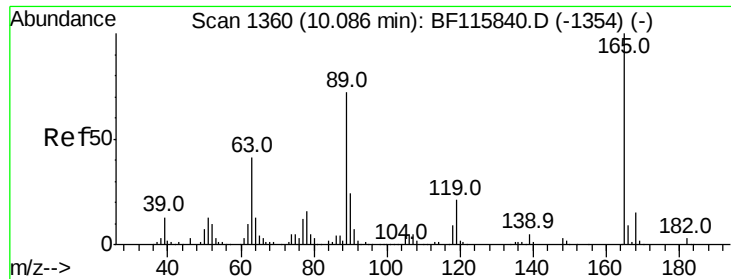


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

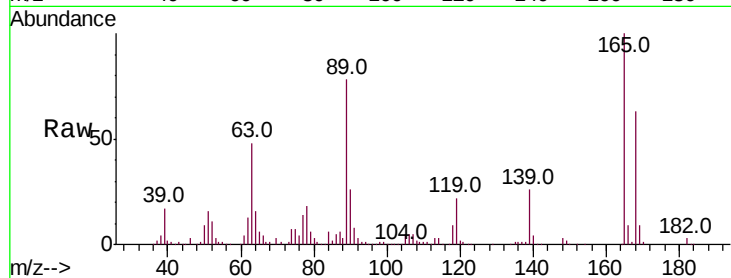




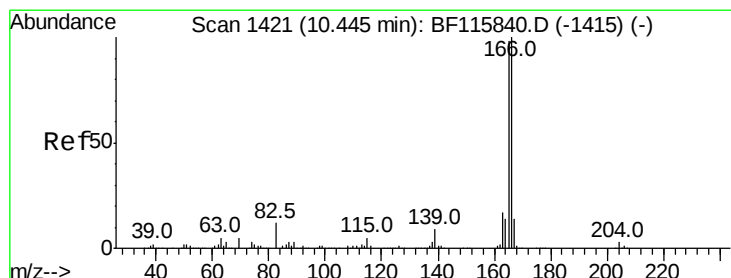
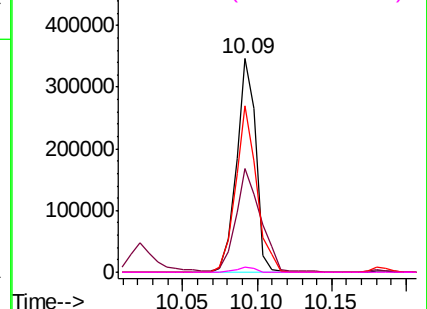
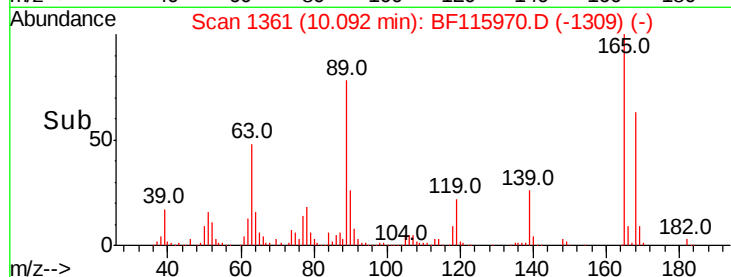
#57
2,4-Dinitrotoluene
Concen: 43.328 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.01 min
Lab File: BF115970.D
Acq: 3 Aug 2019 10:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot 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

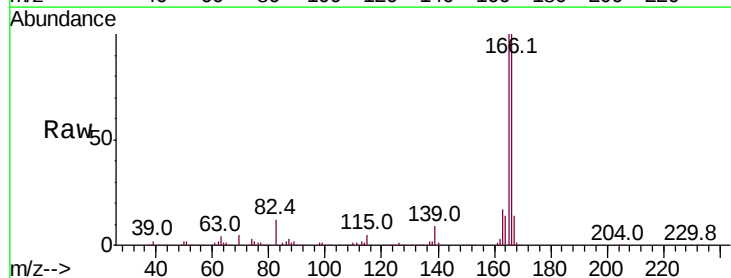


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

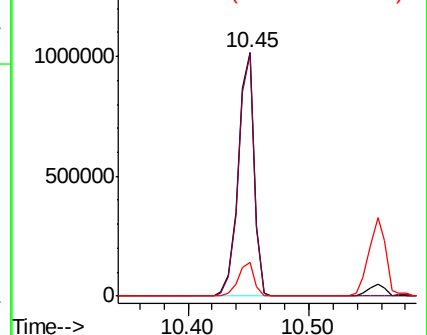
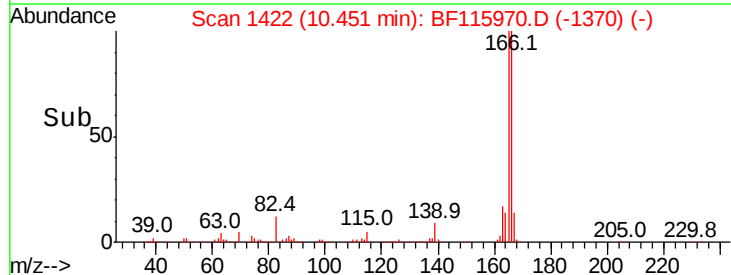


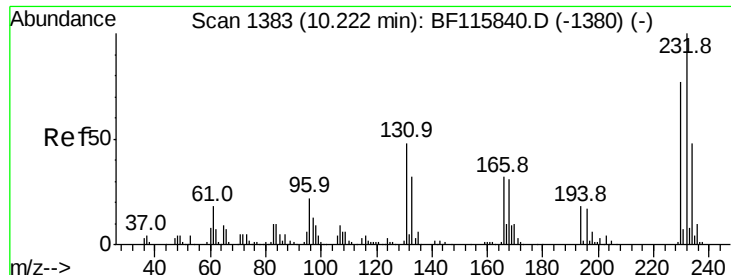
#58
Fluorene
Concen: 42.982 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.01 min
Lab File: BF115970.D
Acq: 3 Aug 2019 10:07

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

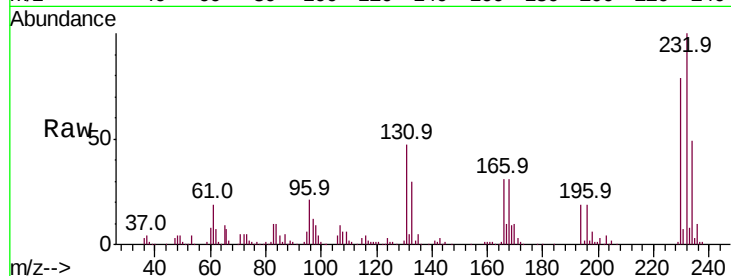




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.279 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. 0.01 min
 Lab File: BF115970.D
 Acq: 3 Aug 2019 10:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot 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



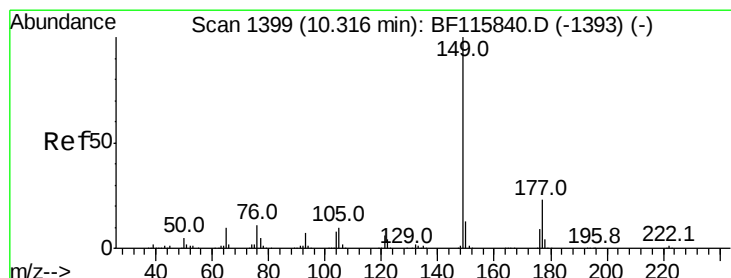
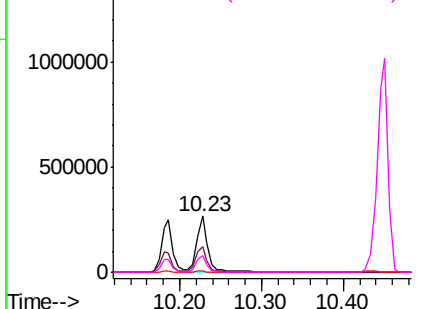
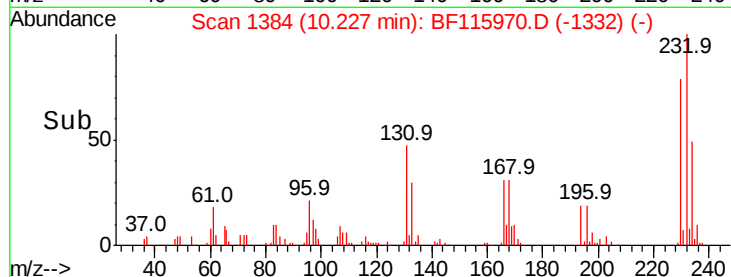
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

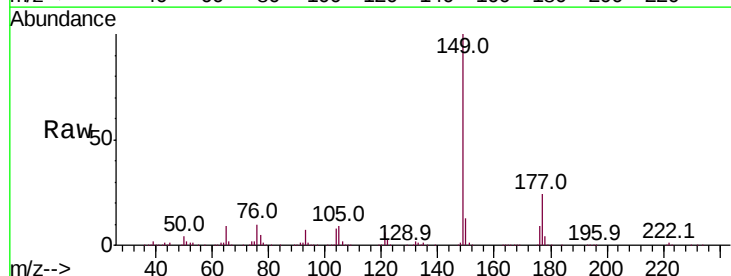
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#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	Ratio	Lower	Upper
149	100		
177	23.6	18.4	27.6
150	12.6	10.1	15.1

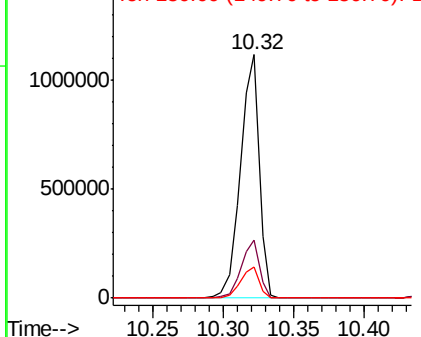
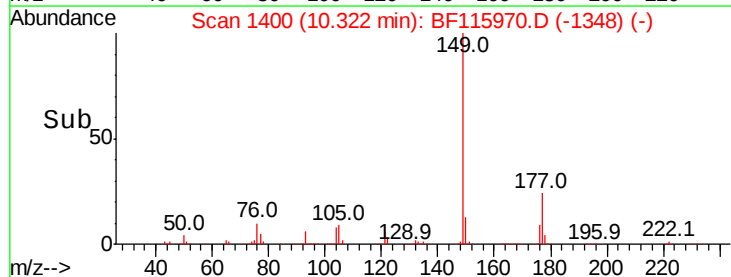


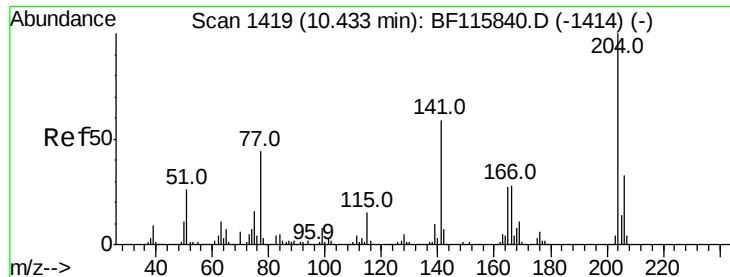
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

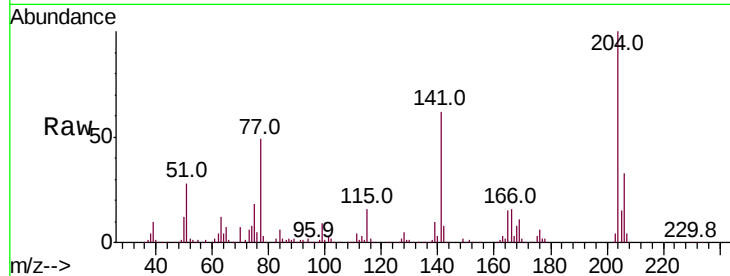




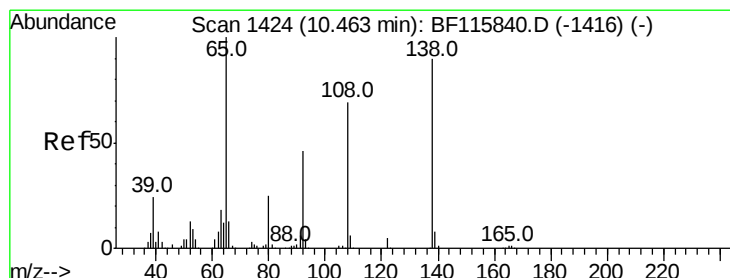
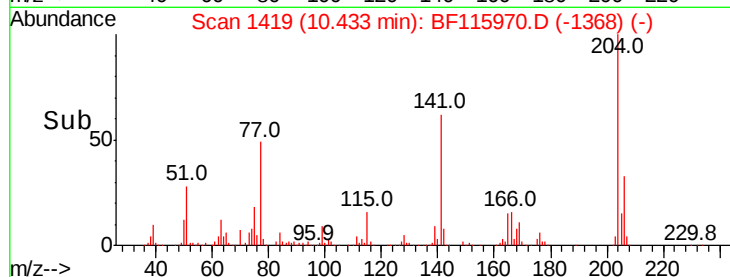
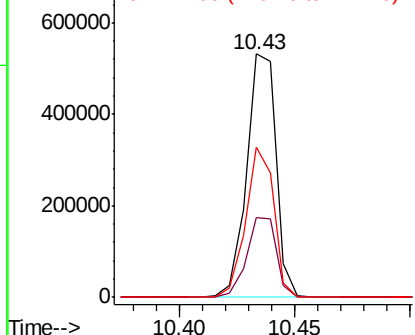
#61
4-Chlorophenyl-phenylether
Concen: 43.070 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF115970.D
Acq: 3 Aug 2019 10:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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

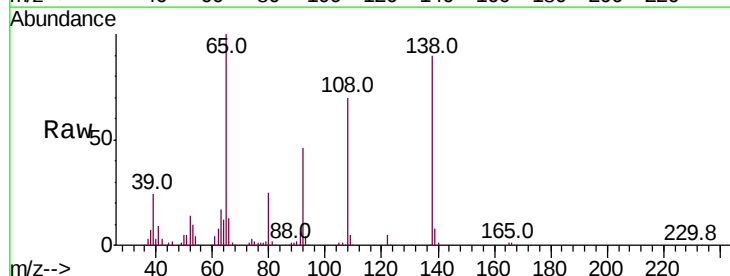


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

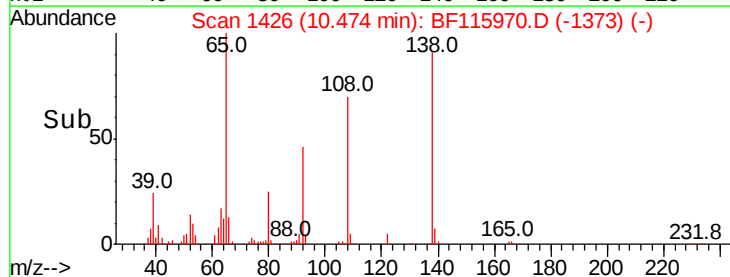
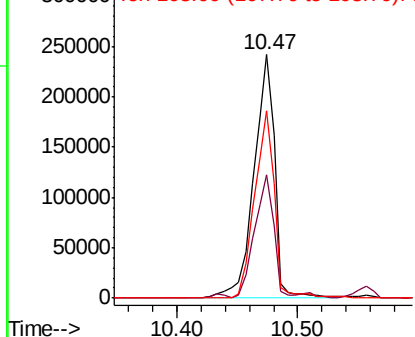


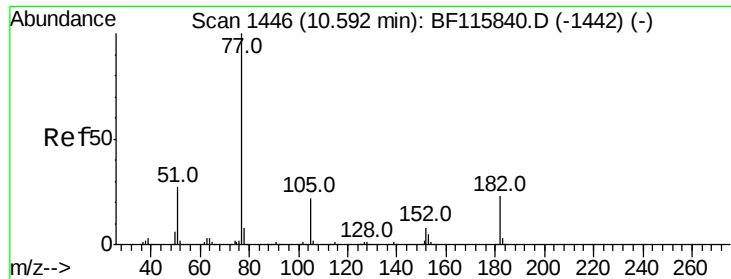
#62
4-Nitroaniline
Concen: 41.701 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.01 min
Lab File: BF115970.D
Acq: 3 Aug 2019 10:07

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

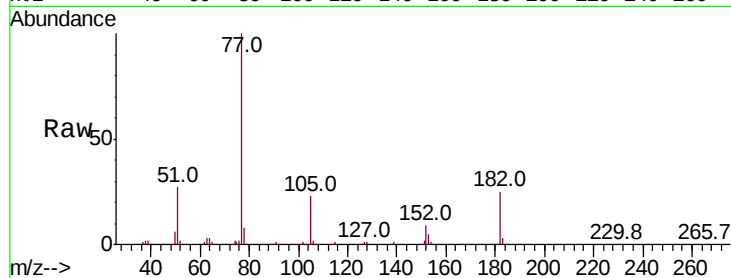




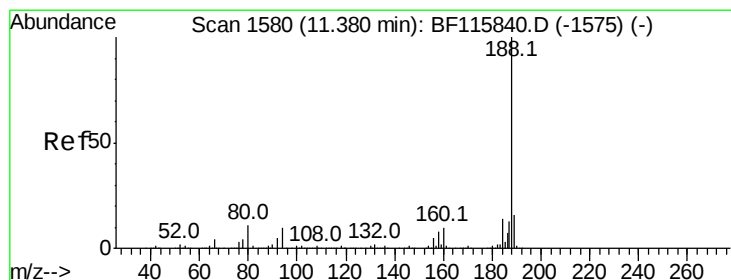
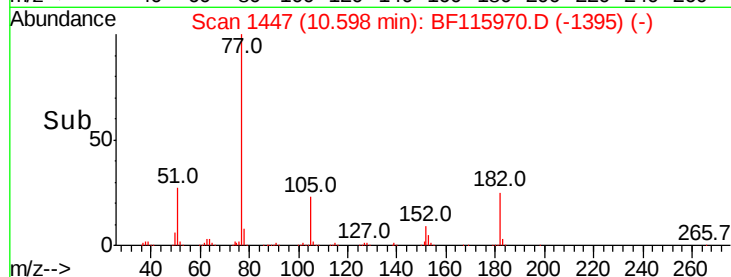
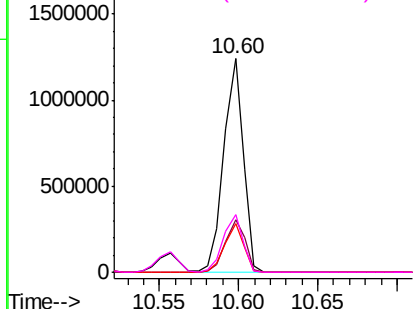
#63
Azobenzene
Concen: 43.993 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.01 min
Lab File: BF115970.D
Acq: 3 Aug 2019 10:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot 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

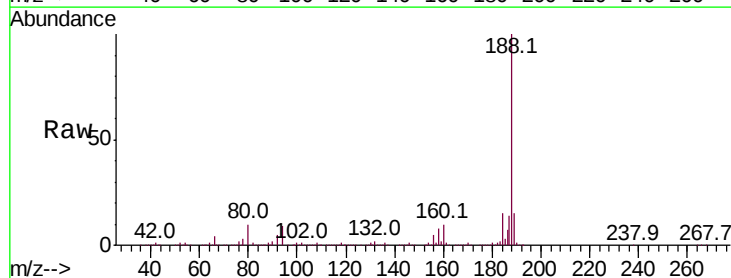


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

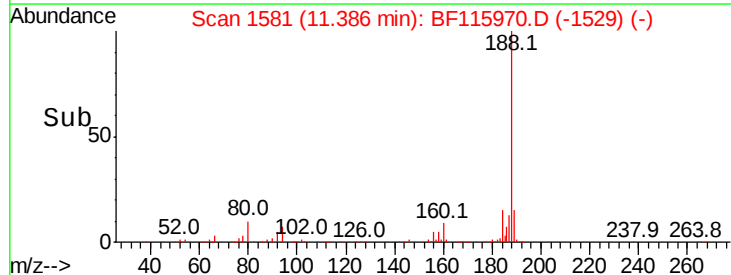
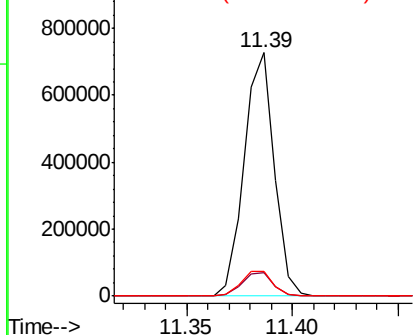


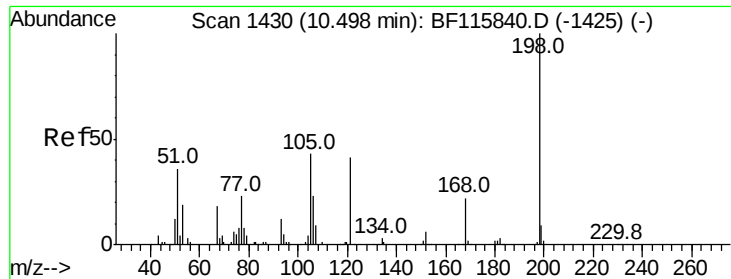
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. 0.01 min
Lab File: BF115970.D
Acq: 3 Aug 2019 10:07

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

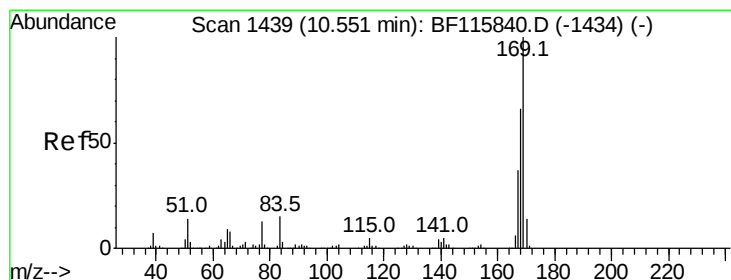
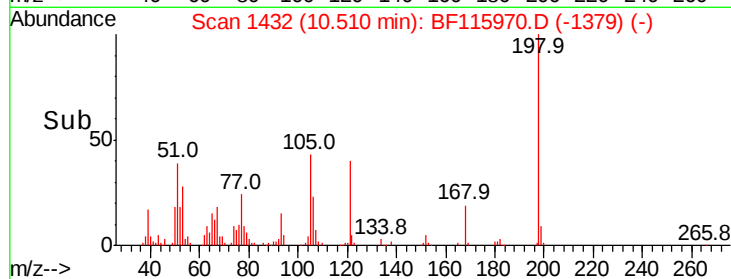
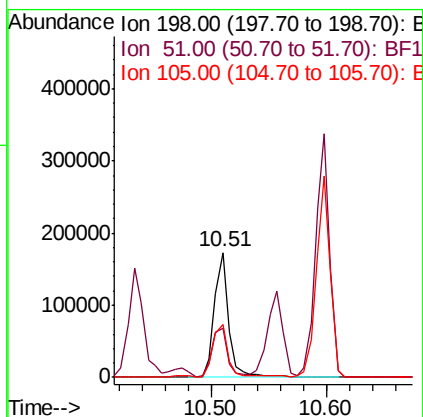
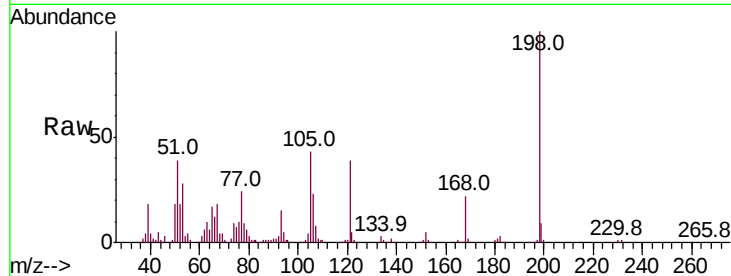




#65
4,6-Dinitro-2-methylphenol
Concen: 39.126 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.01 min
Lab File: BF115970.D
Acq: 3 Aug 2019 10:07

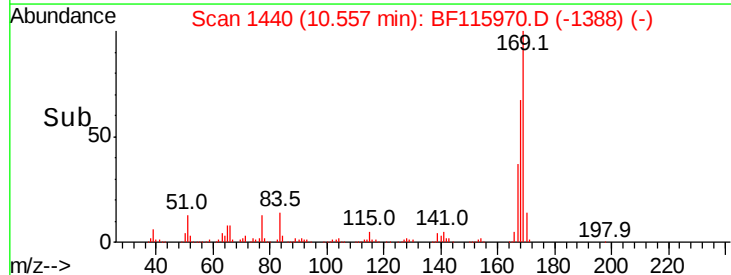
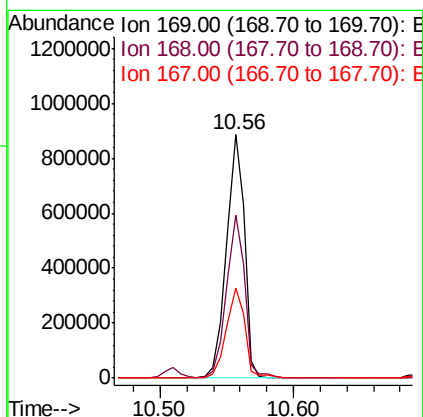
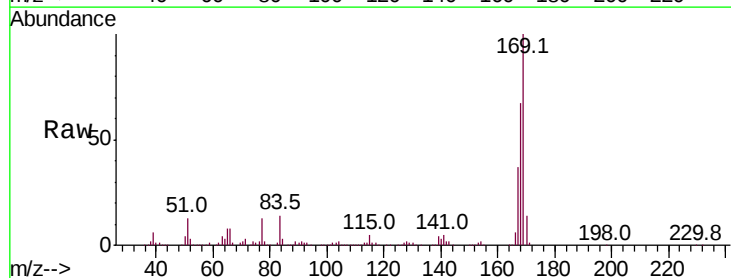
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

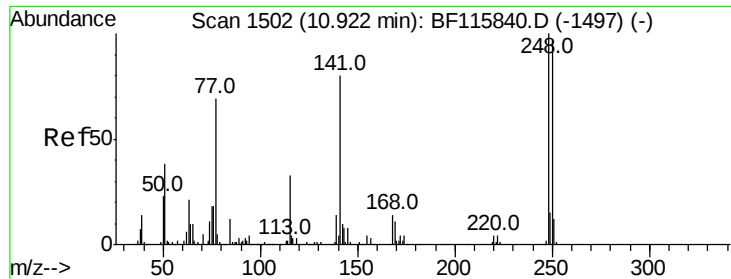
Tot Ion:198 Resp: 148887
Ion Ratio Lower Upper
198 100
51 39.1 21.1 61.1
105 42.7 24.5 64.5



#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

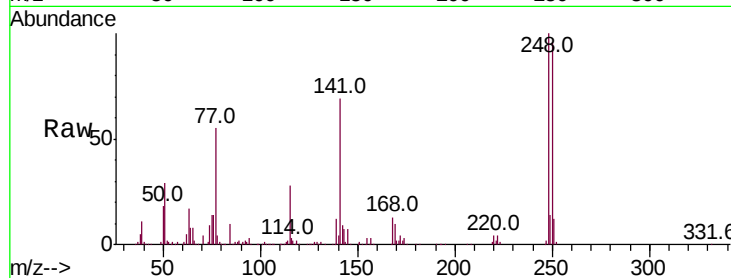




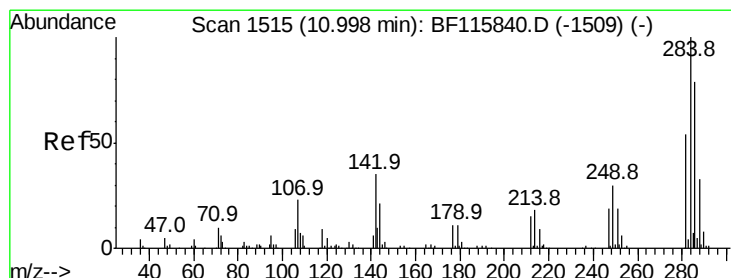
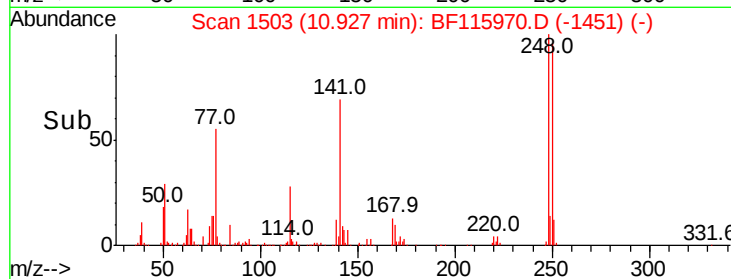
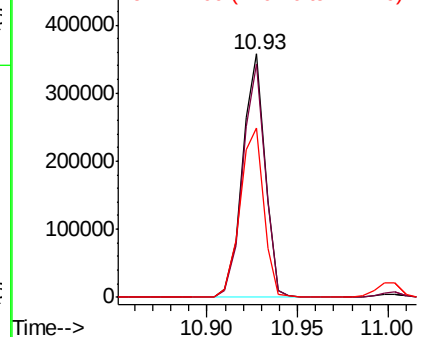
#67
4-Bromophenyl-phenylether
Concen: 39.994 ng
RT: 10.93 min Scan# 1503
Delta R.T. 0.01 min
Lab File: BF115970.D
Acq: 3 Aug 2019 10:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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

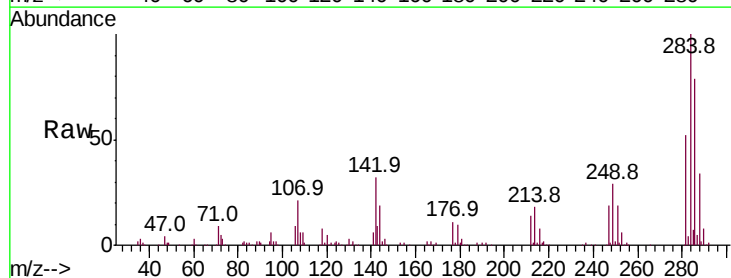


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

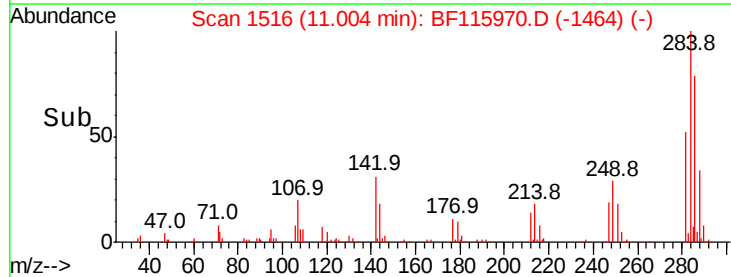
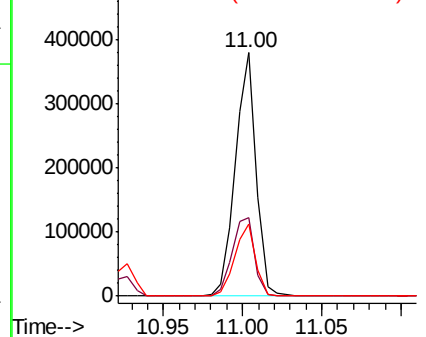


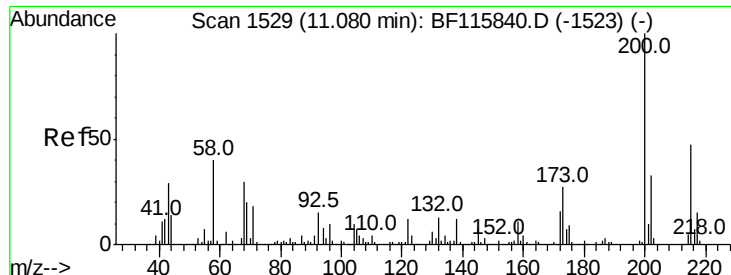
#68
Hexachlorobenzene
Concen: 38.619 ng
RT: 11.00 min Scan# 1516
Delta R.T. 0.01 min
Lab File: BF115970.D
Acq: 3 Aug 2019 10:07

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

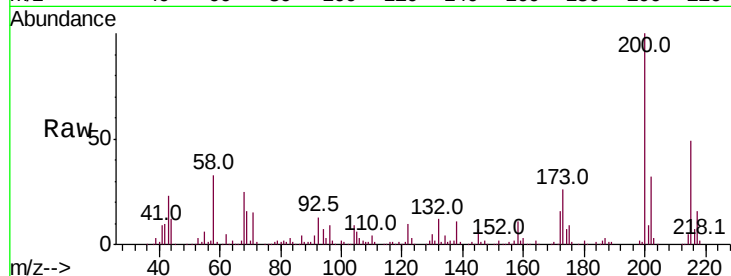




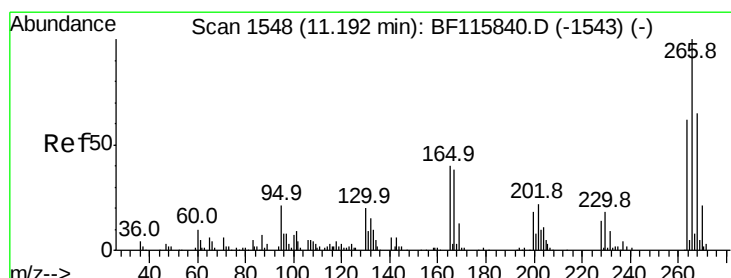
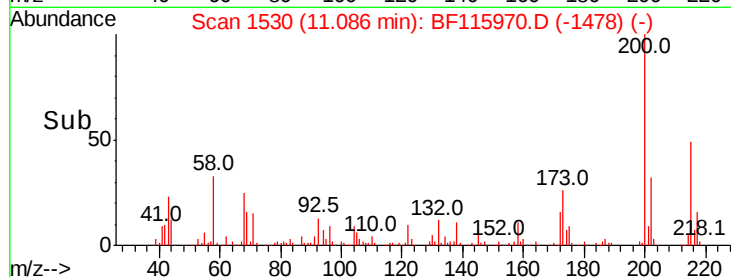
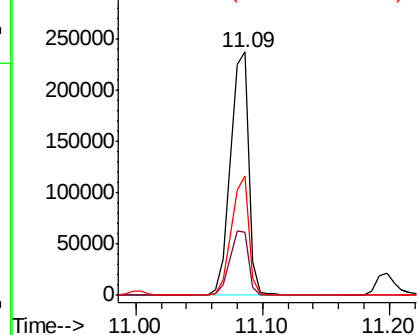
#69
 Atrazine
 Concen: 33.261 ng
 RT: 11.09 min Scan# 1530
 Delta R.T. 0.01 min
 Lab File: BF115970.D
 Acq: 3 Aug 2019 10:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

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

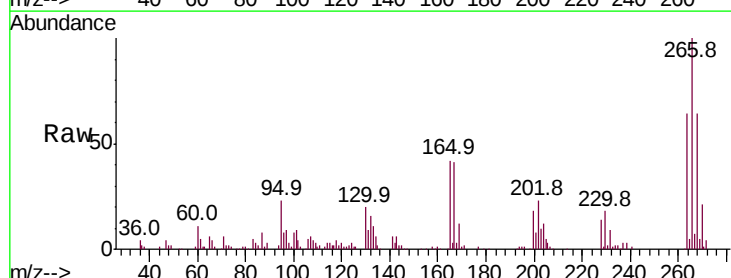


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

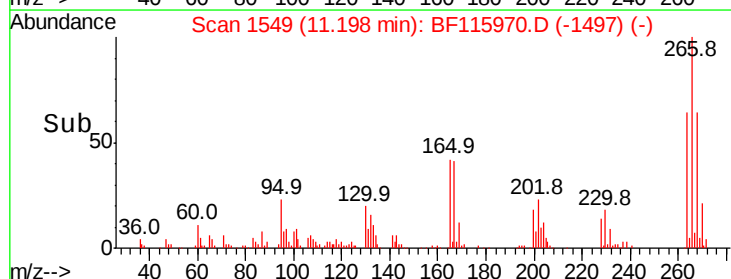
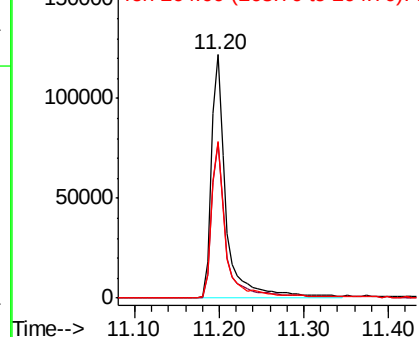


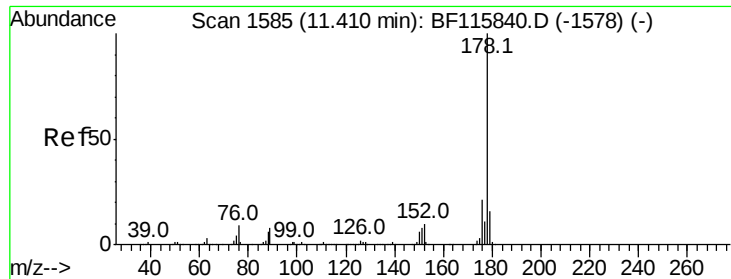
#70
 Pentachlorophenol
 Concen: 35.037 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. 0.01 min
 Lab File: BF115970.D
 Acq: 3 Aug 2019 10:07

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

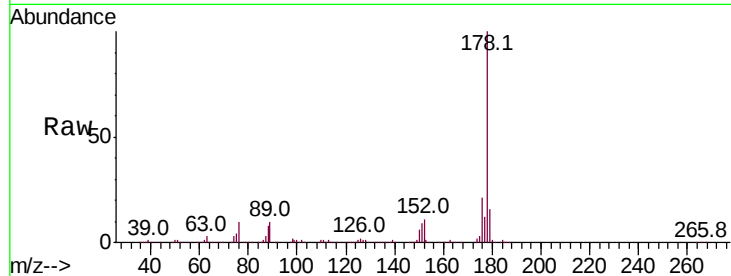
Tot Ion:178 Resp: 1412864

Ion Ratio Lower Upper

178 100

176 20.5 16.5 24.7

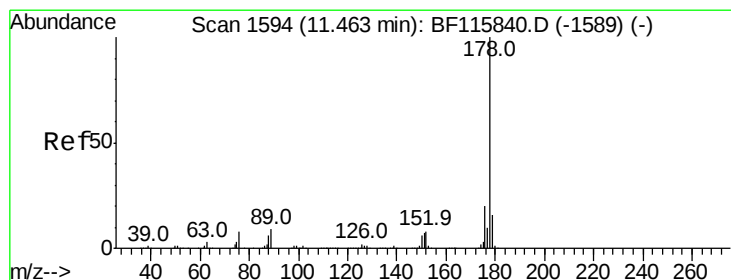
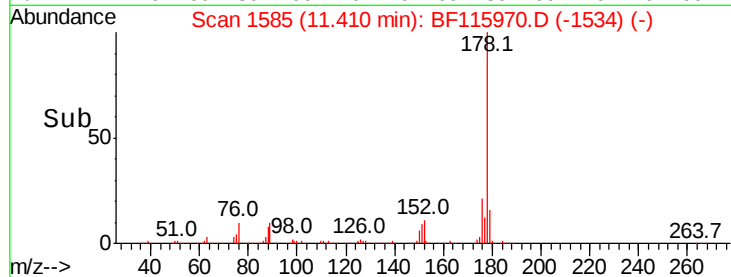
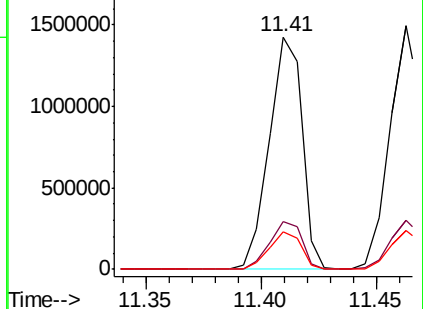
179 16.1 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

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

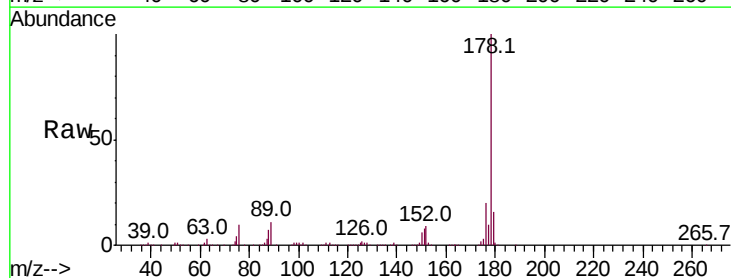
Tgt Ion:178 Resp: 1435676

Ion Ratio Lower Upper

178 100

176 20.1 15.7 23.5

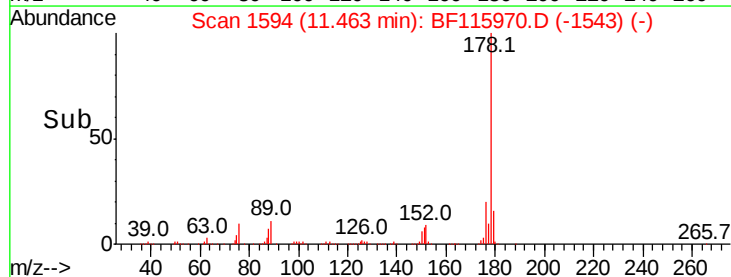
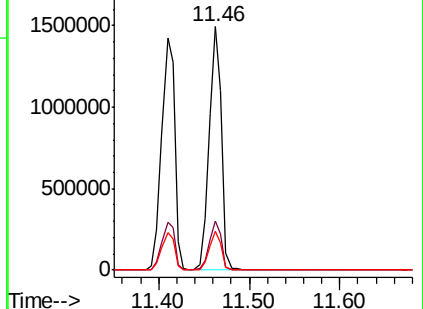
179 16.1 12.4 18.6

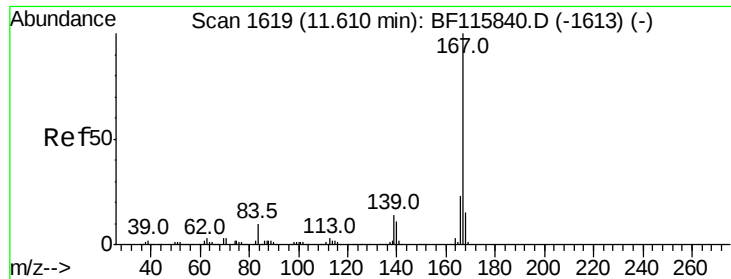


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



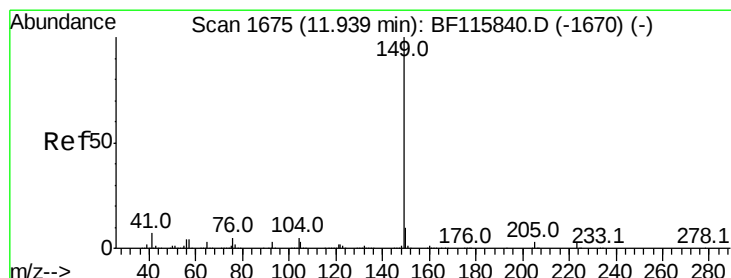
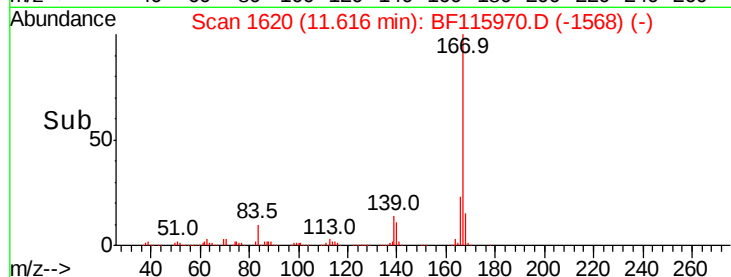
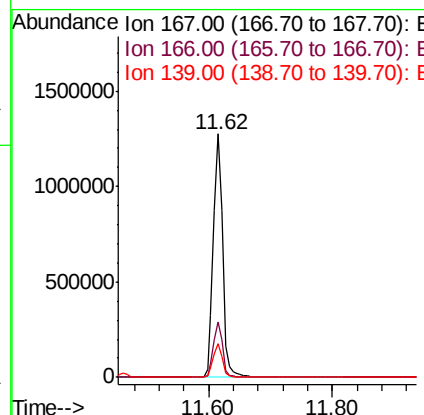
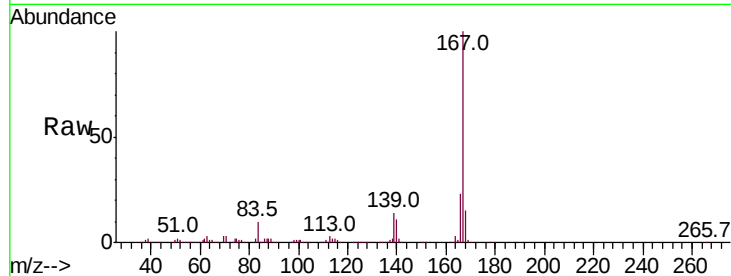


#73
 Carbazole
 Concen: 39.031 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. 0.01 min
 Lab File: BF115970.D
 Acq: 3 Aug 2019 10:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:167 Resp: 1315565

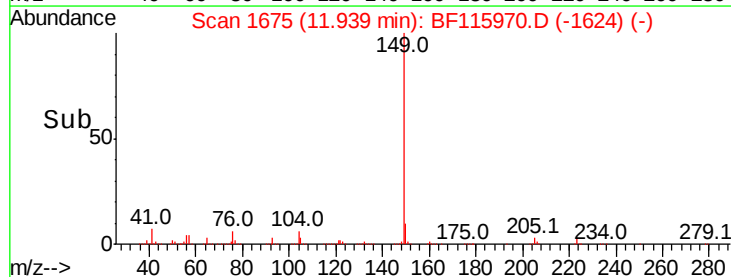
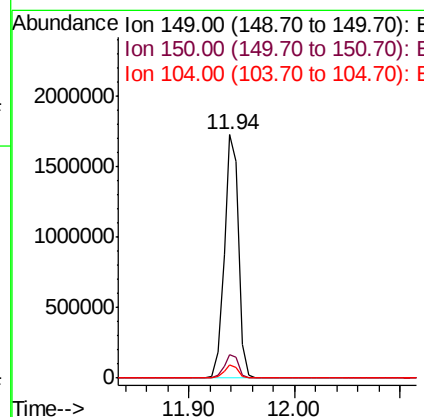
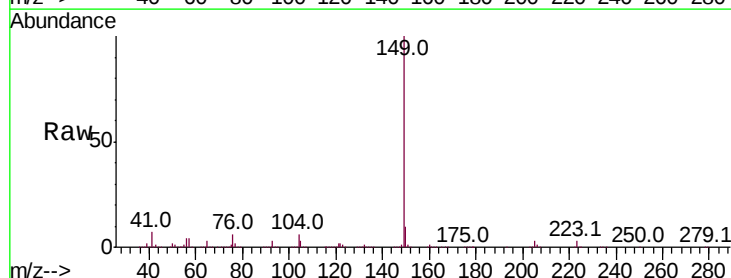
Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.0	27.0
139	14.0	11.4	17.2

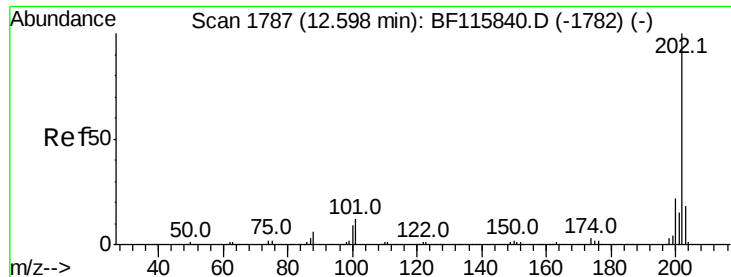


#74
 Di-n-butylphthalate
 Concen: 41.404 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. 0.00 min
 Lab File: BF115970.D
 Acq: 3 Aug 2019 10:07

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



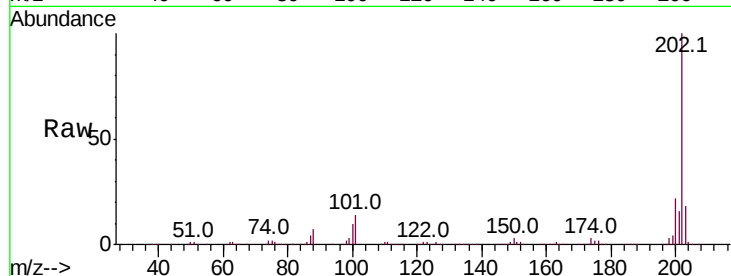


#75
 Fluoranthene
 Concen: 38.625 ng
 RT: 12.60 min Scan# 1787
 Delta R.T. 0.00 min
 Lab File: BF115970.D
 Acq: 3 Aug 2019 10:07

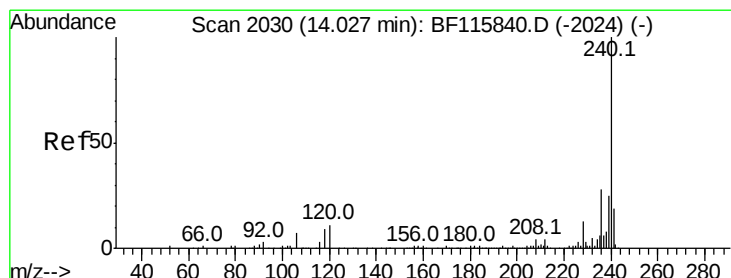
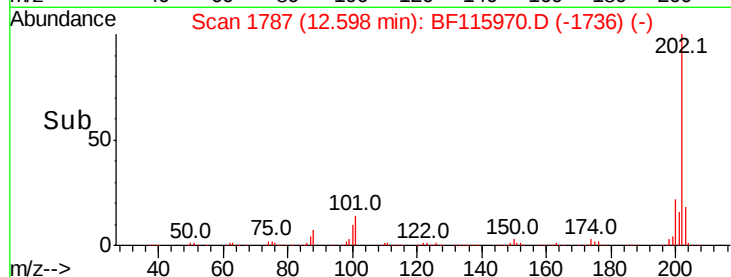
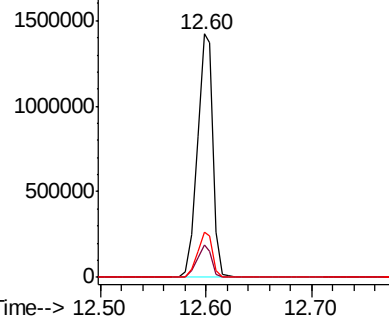
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:202 Resp: 1484427

Ion	Ratio	Lower	Upper
202	100		
101	13.5	0.0	31.5
203	18.4	0.0	37.9



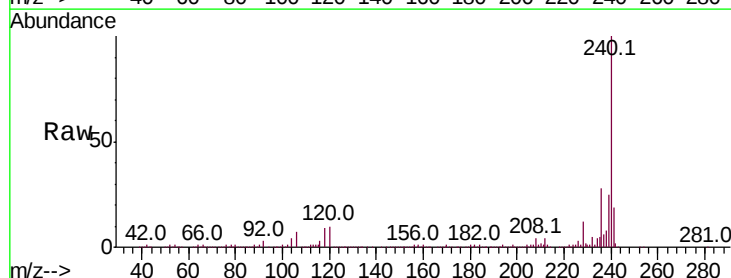
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E



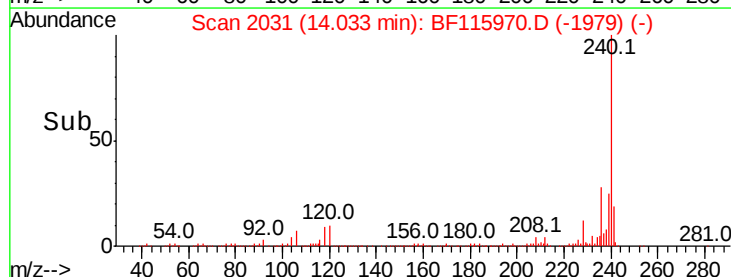
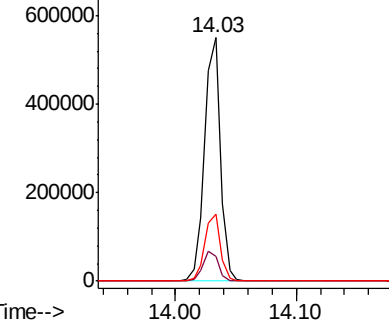
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. 0.01 min
 Lab File: BF115970.D
 Acq: 3 Aug 2019 10:07

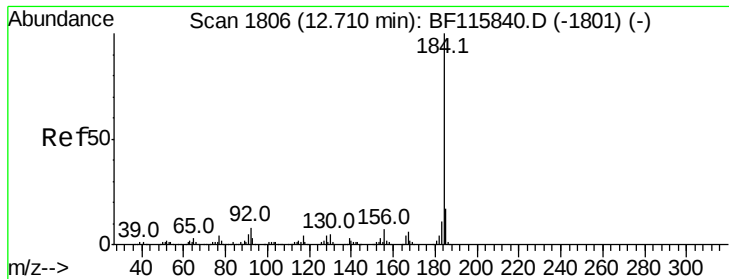
Tgt Ion:240 Resp: 499303

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

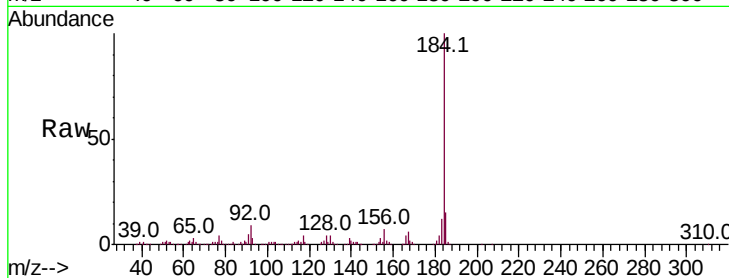
Tot Ion:184 Resp: 673088

Ion Ratio Lower Upper

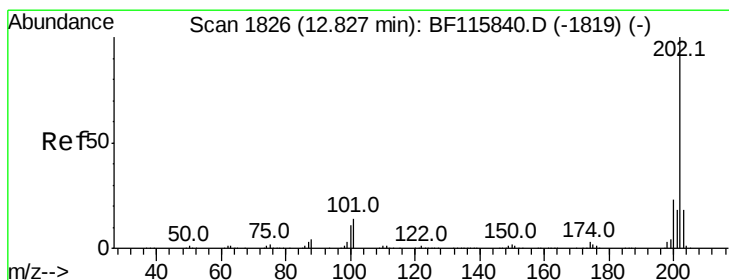
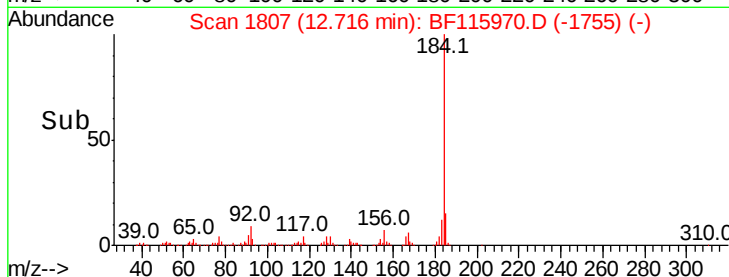
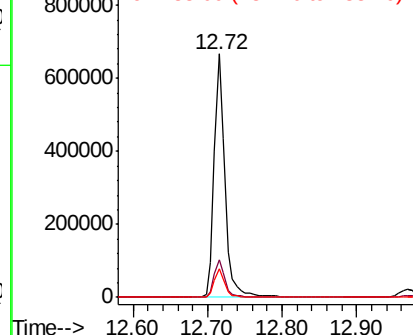
184 100

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

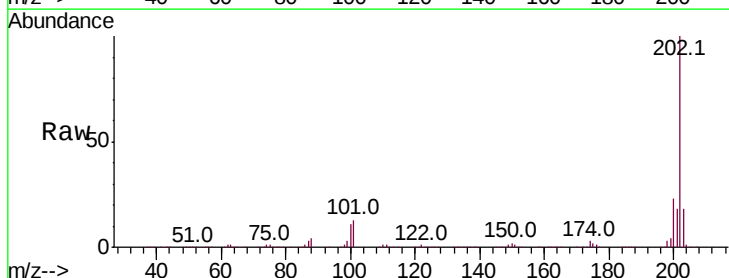
Tgt Ion:202 Resp: 1509674

Ion Ratio Lower Upper

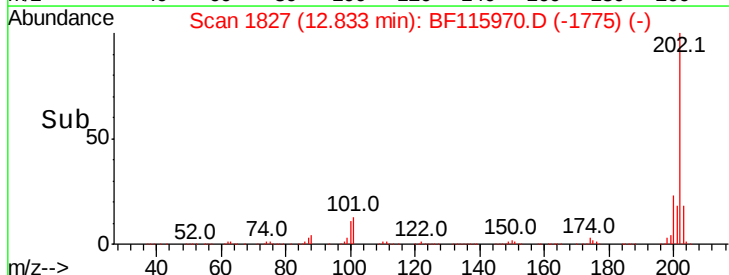
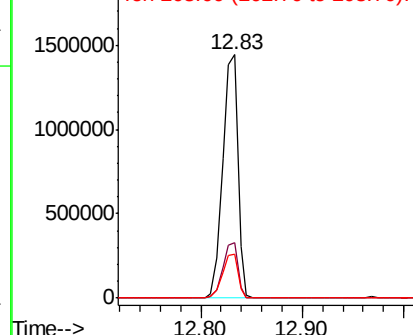
202 100

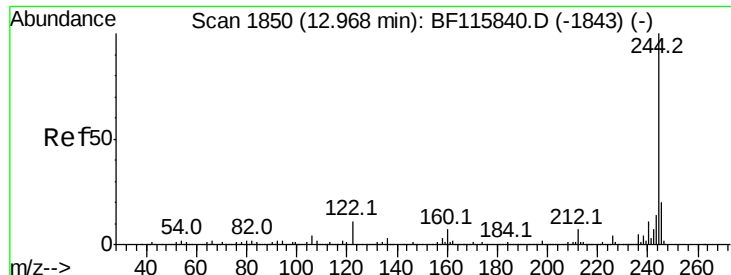
200 22.7 18.2 27.2

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

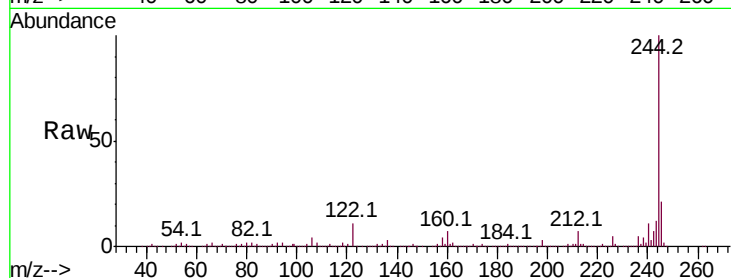
Tot Ion:244 Resp: 1888232

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

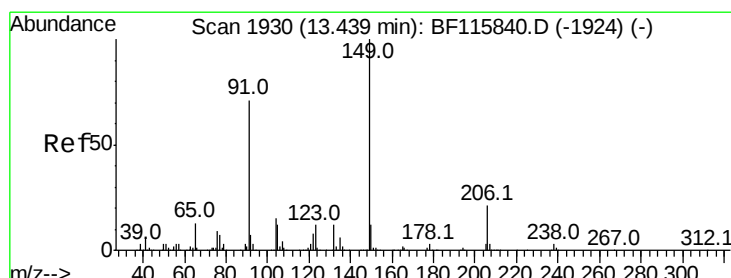
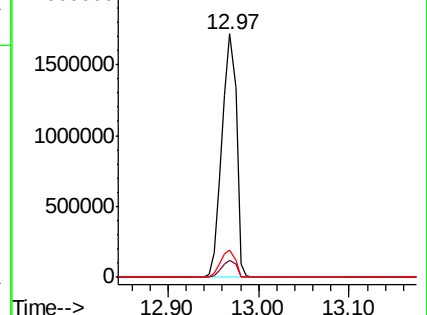
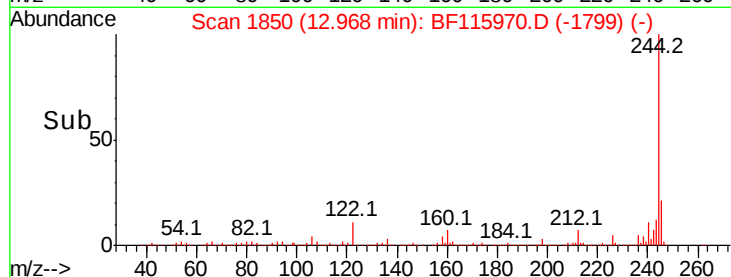
122 11.4 8.6 13.0



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

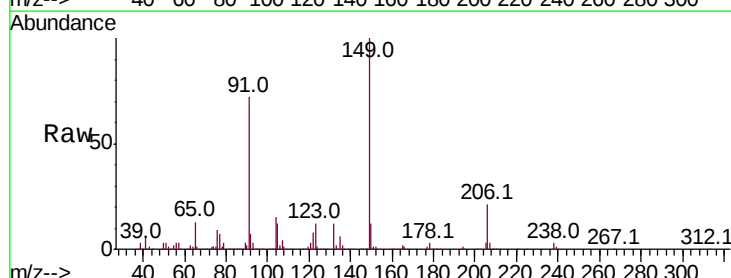
Tgt Ion:149 Resp: 690712

Ion Ratio Lower Upper

149 100

91 72.5 57.0 85.6

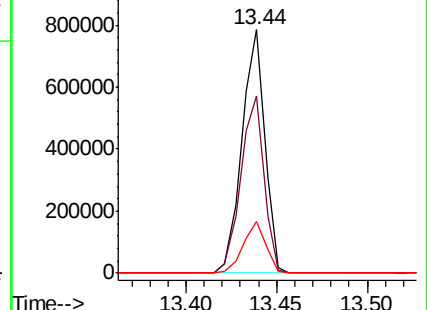
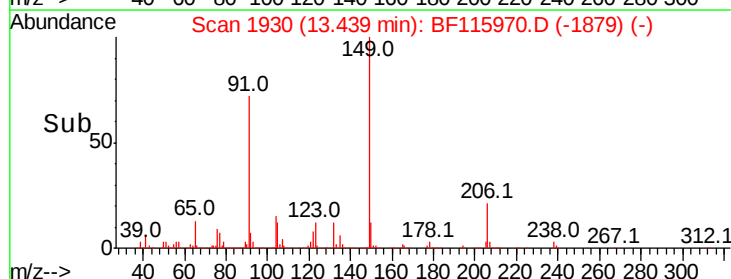
206 21.4 16.9 25.3

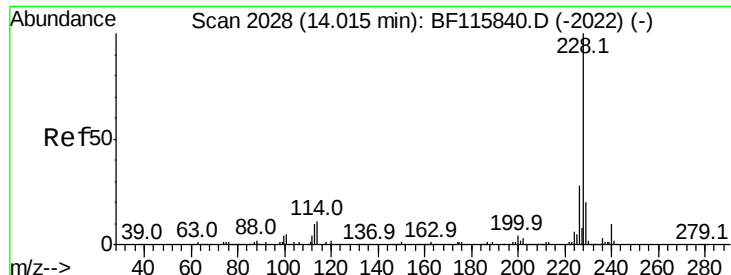


Abundance Ion 149.00 (148.70 to 149.70): E

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

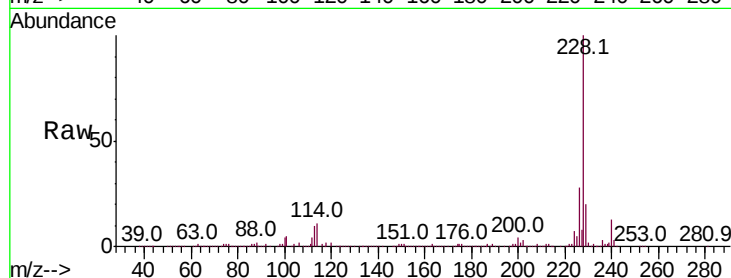
Tot Ion:228 Resp: 1294758

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.5	33.7
229	20.2	16.1	24.1

228 100

226 28.1 22.5 33.7

229 20.2 16.1 24.1

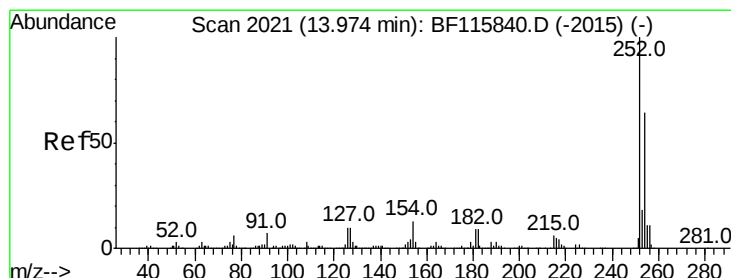
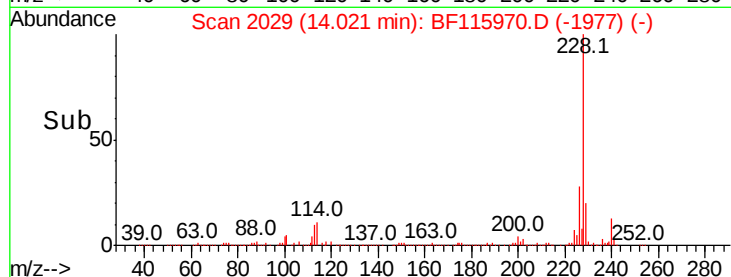
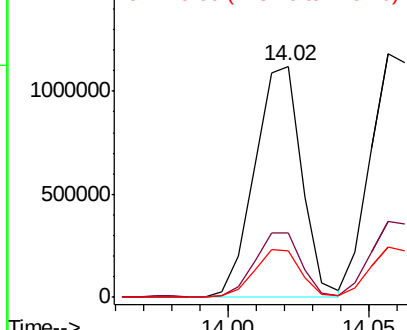


Abundance

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

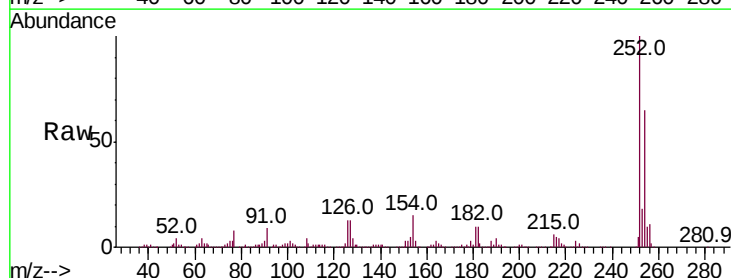
Tgt Ion:252 Resp: 436143

Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.2	76.8
126	13.2	8.1	12.1

252 100

254 64.5 51.2 76.8

126 13.2 8.1 12.1#

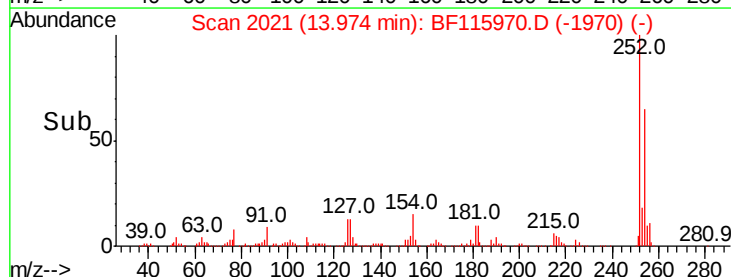
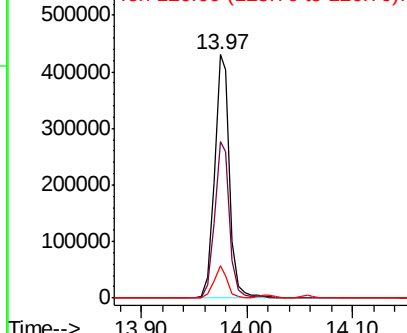


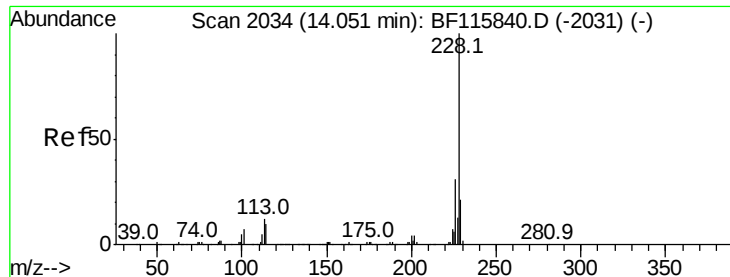
Abundance

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

Chrvsene

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

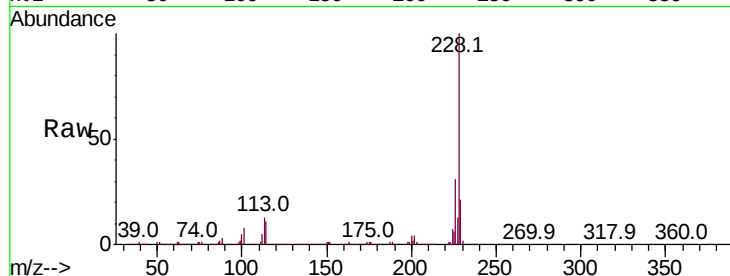
Tot Ion:228 Resp: 1235955

Ion Ratio Lower Upper

228 100

226 31.4 24.8 37.2

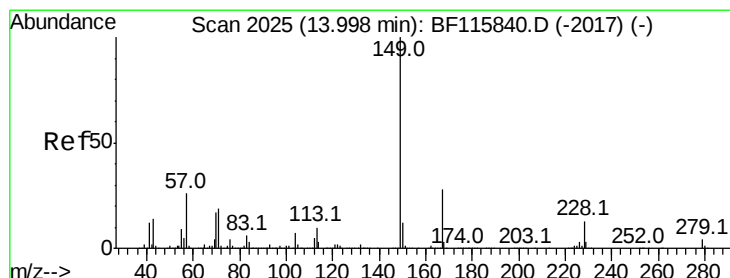
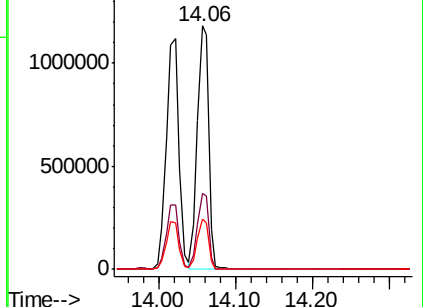
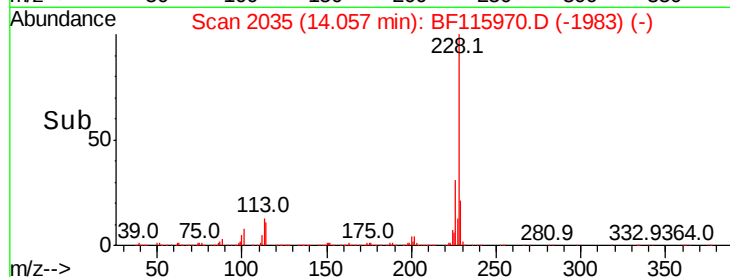
229 20.7 16.4 24.6



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

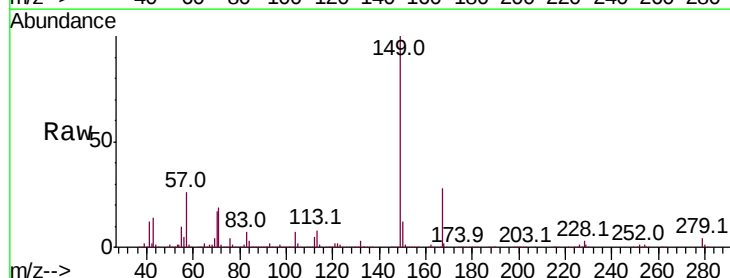
Tgt Ion:149 Resp: 940052

Ion Ratio Lower Upper

149 100

167 27.7 22.4 33.6

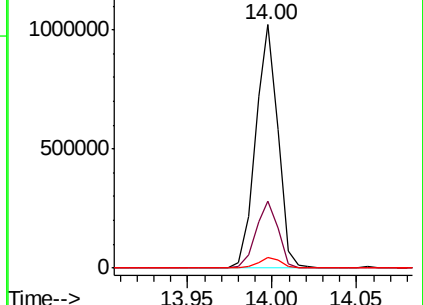
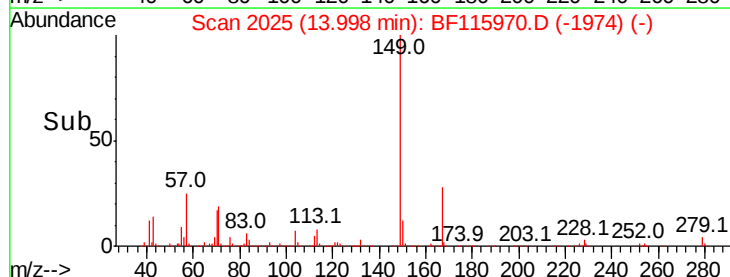
279 4.2 3.3 4.9

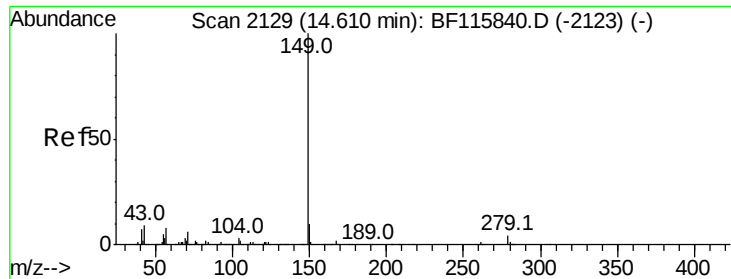


Abundance Ion 149.00 (148.70 to 149.70): E

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

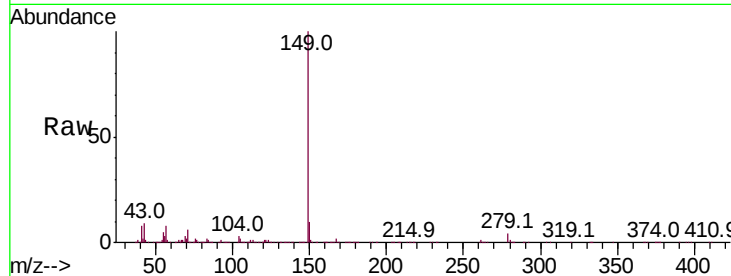
Tot Ion:149 Resp: 1430822

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

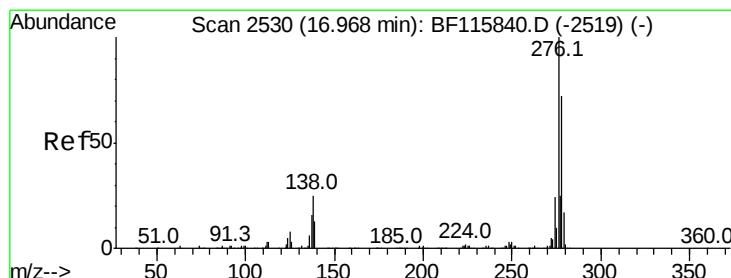
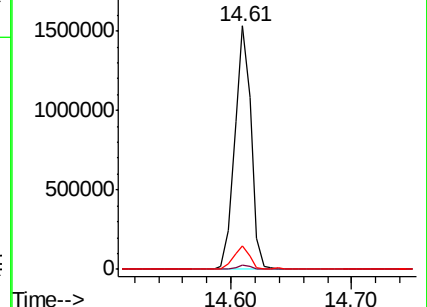
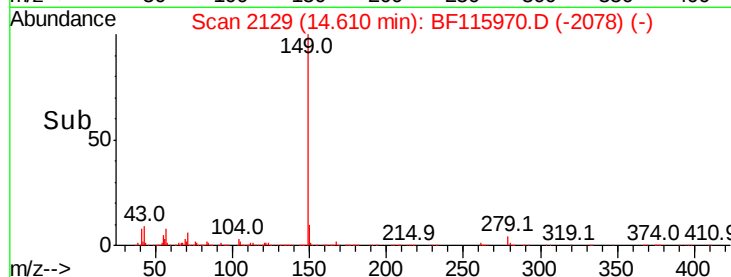
43 9.3 7.4 11.0



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

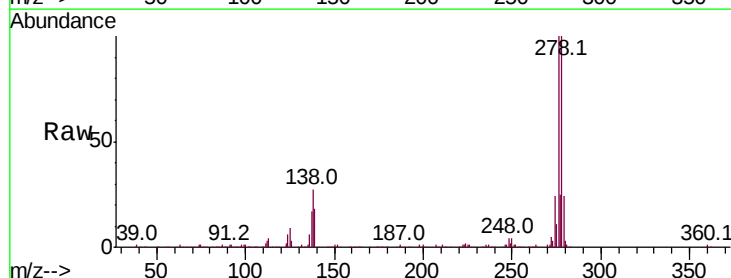
Tgt Ion:276 Resp: 997956

Ion Ratio Lower Upper

276 100

138 25.0 19.6 29.4

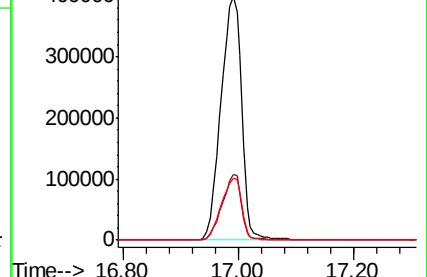
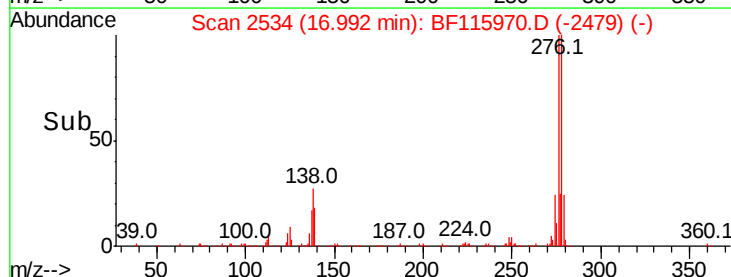
277 25.0 20.1 30.1

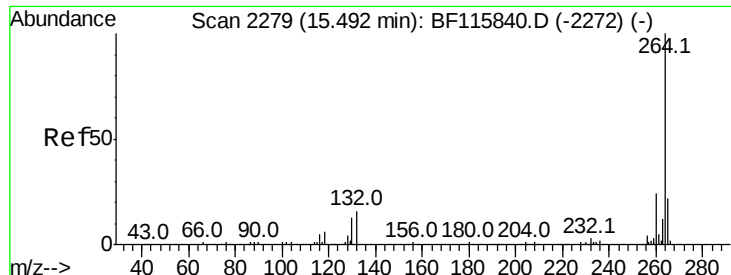


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



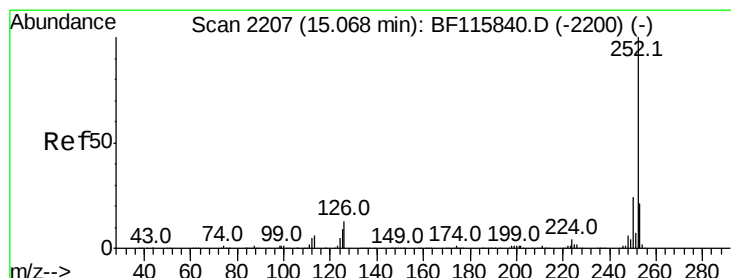
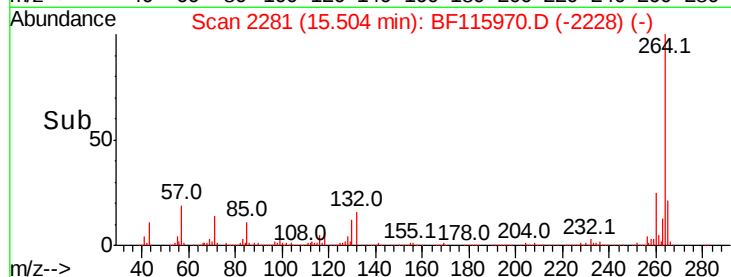
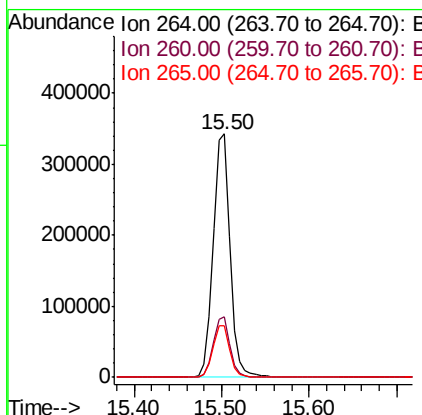
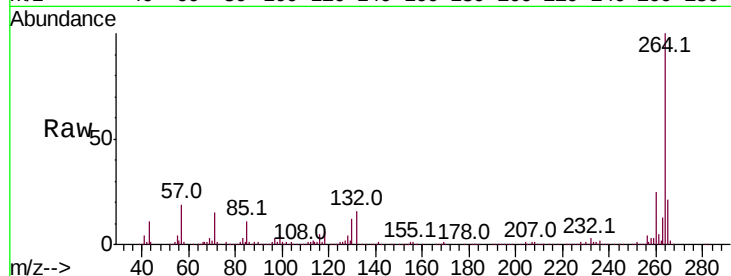


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.01 min
Lab File: BF115970.D
Acq: 3 Aug 2019 10:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:264 Resp: 463466

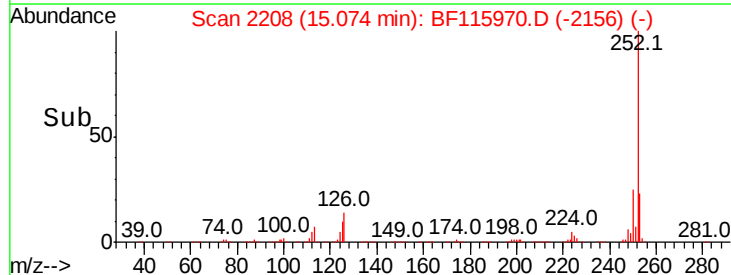
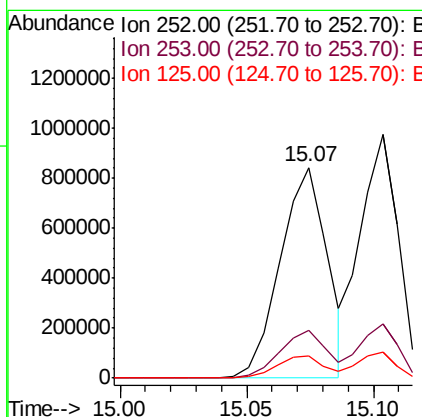
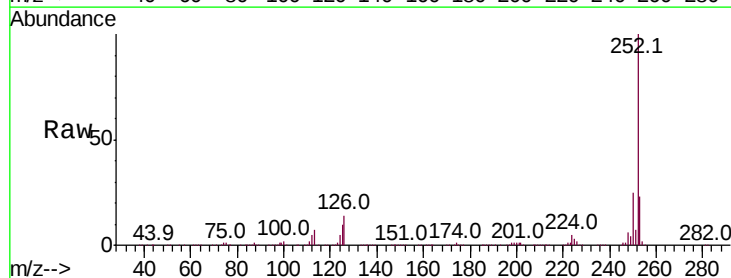
Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.4	29.2
265	21.4	17.5	26.3

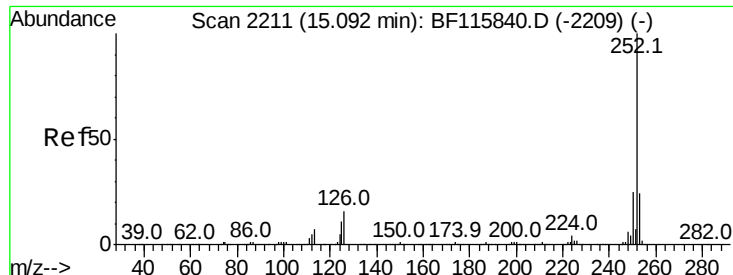


#88
Benzo(b)fluoranthene
Concen: 40.625 ng
RT: 15.07 min Scan# 2208
Delta R.T. 0.01 min
Lab File: BF115970.D
Acq: 3 Aug 2019 10:07

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

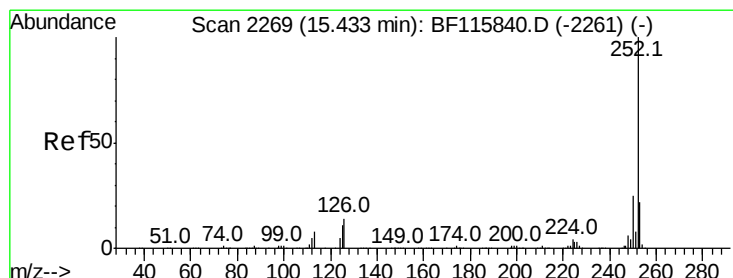
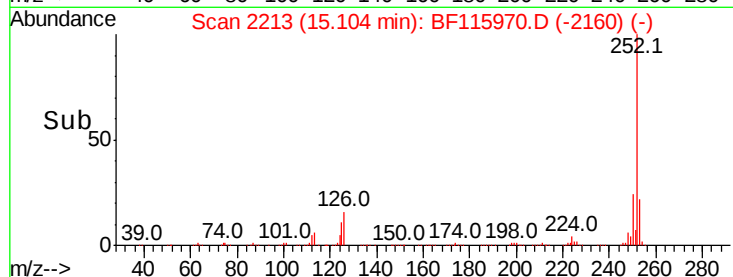
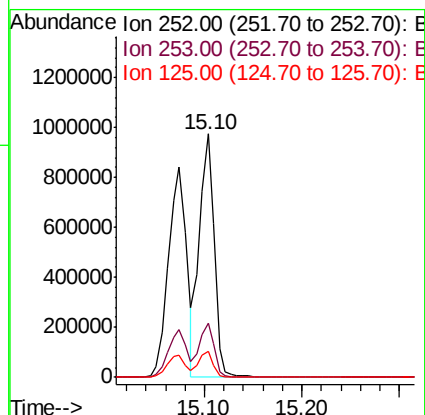
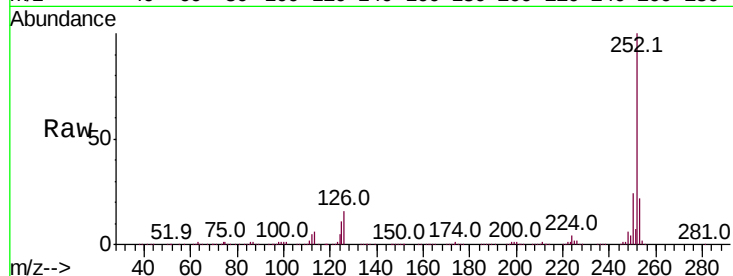




#89
Benzo(k)fluoranthene
Concen: 39.568 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.01 min
Lab File: BF115970.D
Acq: 3 Aug 2019 10:07

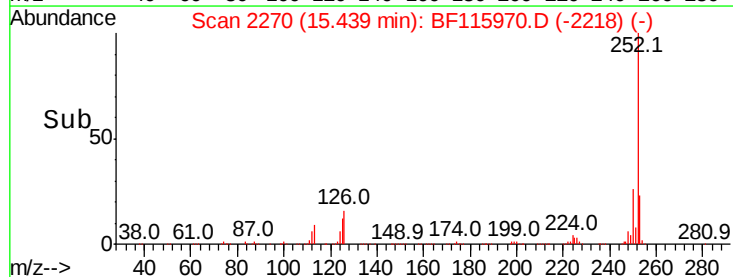
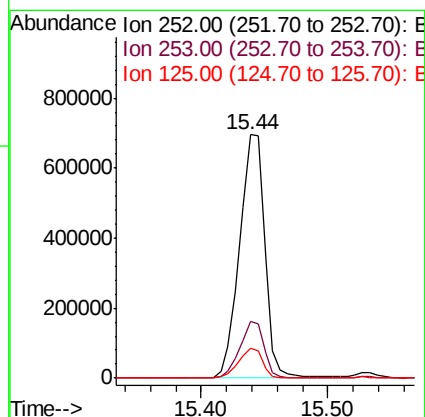
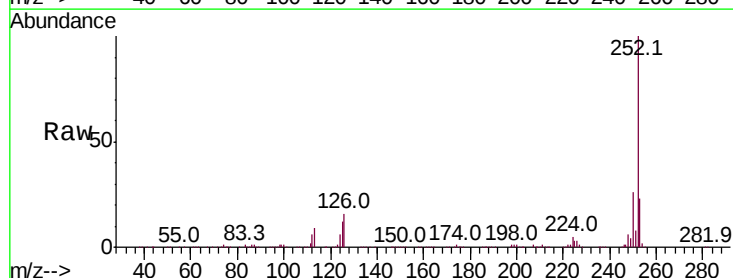
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

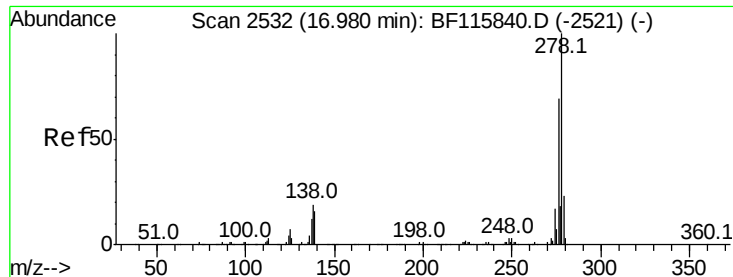
Tot Ion:252 Resp: 1032782
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.4
125 10.8 8.9 13.3



#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

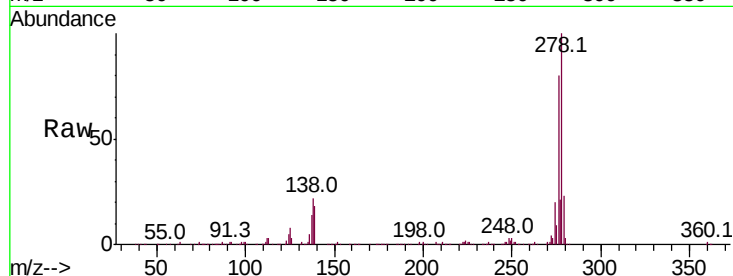
Tot Ion:278 Resp: 814466

Ion Ratio Lower Upper

278 100

139 17.6 12.6 19.0

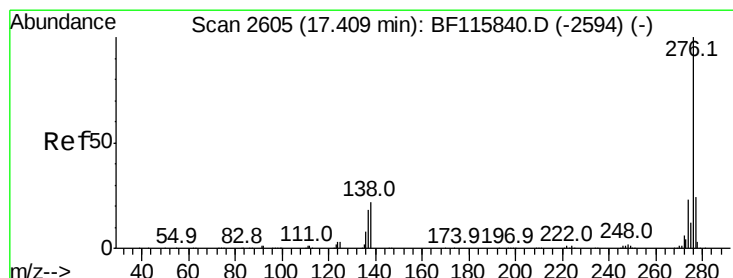
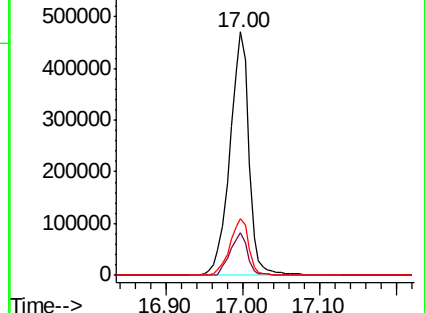
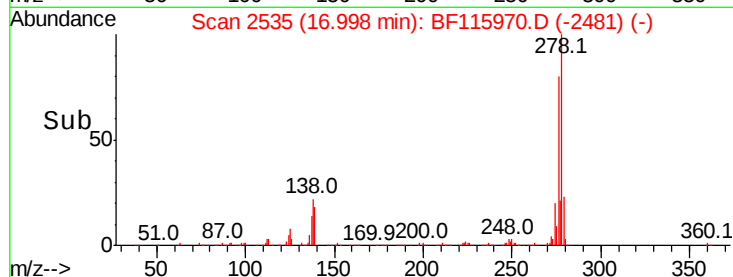
279 23.4 18.8 28.2



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

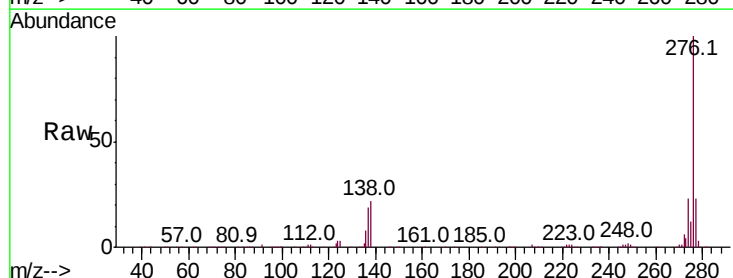
Tgt Ion:276 Resp: 784602

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

