

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
 Data File : BF115909.D
 Acq On : 1 Aug 2019 16:28
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 02 04:57:36 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	179490	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	724899	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	383066	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	661886	20.00	ng	0.00
76) Chrysene-d12	14.03	240	435323	20.00	ng	0.00
87) Perylene-d12	15.50	264	401378	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	853982	79.65	ng	0.01
7) Phenol-d6	6.49	99	1088184	80.44	ng	0.00
23) Nitrobenzene-d5	7.42	82	999424	79.58	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	291241	78.42	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1563369	76.44	ng	0.00
79) Terphenyl-d14	12.97	244	1735514	84.01	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	213044	39.332	ng	100
3) Pyridine	3.37	79	596713	39.437	ng	98
4) n-Nitrosodimethylamine	3.33	42	244362	40.924	ng	99
6) Aniline	6.52	93	781025	40.315	ng	100
8) 2-Chlorophenol	6.65	128	477191	40.248	ng	100
9) Benzaldehyde	6.40	77	355865	38.127	ng	100
10) Phenol	6.51	94	637980	40.049	ng	85
11) bis(2-Chloroethyl)ether	6.59	93	467114	39.884	ng	100
12) 1,3-Dichlorobenzene	6.80	146	537607	39.235	ng	98
13) 1,4-Dichlorobenzene	6.87	146	543663	39.627	ng	99
14) 1,2-Dichlorobenzene	7.03	146	503328	39.843	ng	98
15) Benzyl Alcohol	7.00	79	424920	41.391	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	626847	39.239	ng	97
17) 2-Methylphenol	7.11	107	411046	40.944	ng	99
18) Hexachloroethane	7.37	117	200047	39.604	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	323222	38.558	ng	99
20) 3+4-Methylphenols	7.26	107	469231	39.497	ng	# 89
22) Acetophenone	7.27	105	614559	38.656	ng	98
24) Nitrobenzene	7.44	77	537233	39.619	ng	98
25) Isophorone	7.68	82	947211	39.445	ng	99
26) 2-Nitrophenol	7.76	139	264596	41.395	ng	96
27) 2,4-Dimethylphenol	7.79	122	382960	39.823	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	585210	39.319	ng	99
29) 2,4-Dichlorophenol	8.00	162	410876	40.465	ng	99
30) 1,2,4-Trichlorobenzene	8.08	180	460116	39.753	ng	99
31) Naphthalene	8.16	128	1346125	39.462	ng	100
32) Benzoic acid	7.94	122	234519	34.590	ng	98
33) 4-Chloroaniline	8.20	127	622689	40.855	ng	98
34) Hexachlorobutadiene	8.28	225	258892	38.833	ng	99
35) Caprolactam	8.60	113	135838	41.364	ng	95
36) 4-Chloro-3-methylphenol	8.70	107	426671	40.392	ng	99
37) 2-Methylnaphthalene	8.86	142	869585	38.707	ng	99
38) 1-Methylnaphthalene	8.95	142	830934	39.096	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	405362	39.583	ng	99

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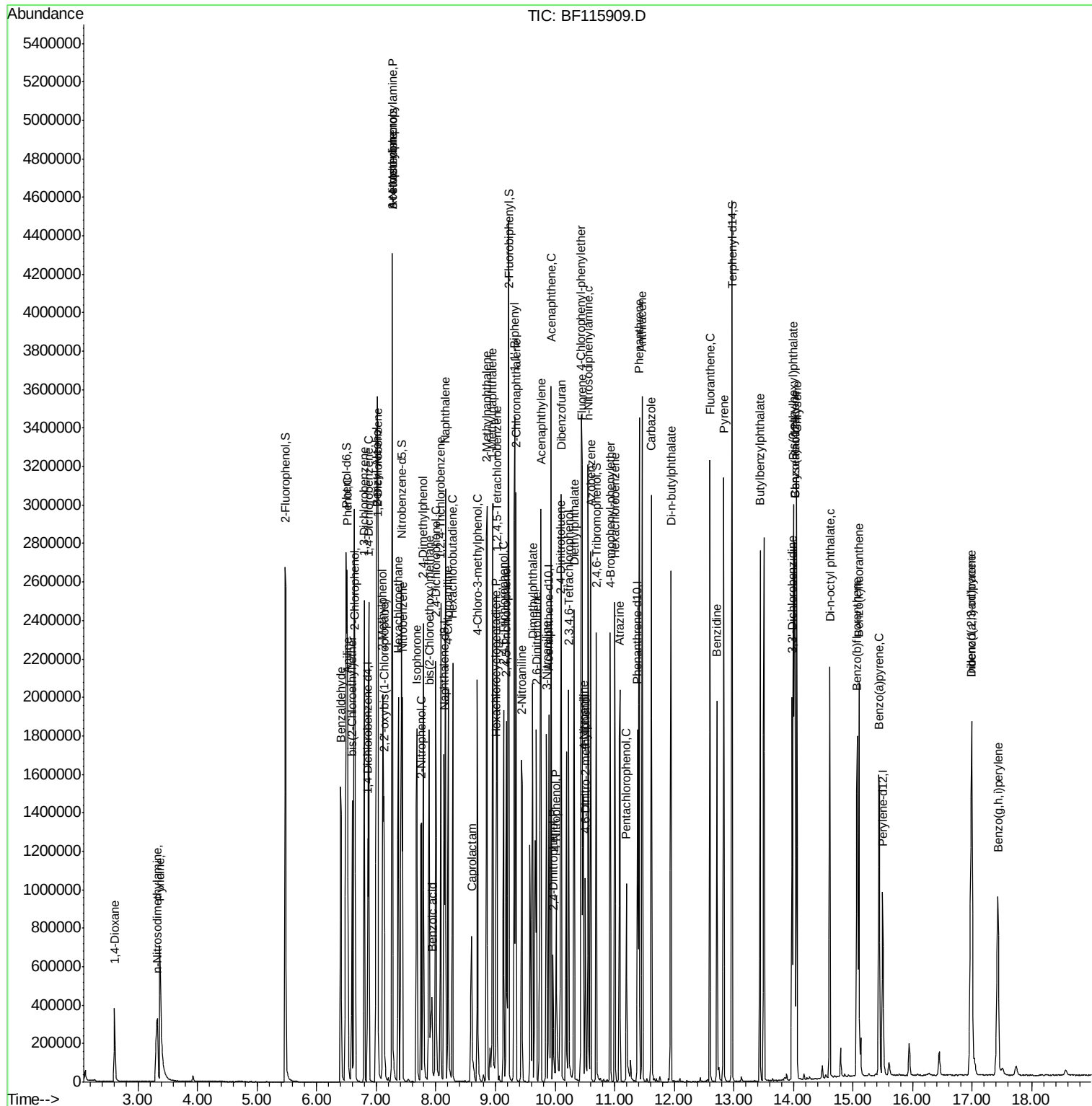
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	141739	34.470	ng	99
43) 2,4,6-Trichlorophenol	9.13	196	283245	40.183	ng	98
44) 2,4,5-Trichlorophenol	9.18	196	293605	40.294	ng	97
46) 1,1'-Biphenyl	9.32	154	1048777	38.780	ng	98
47) 2-Chloronaphthalene	9.35	162	893820	39.710	ng	98
48) 2-Nitroaniline	9.44	65	305880	41.113	ng	91
49) Acenaphthylene	9.76	152	1294747	39.428	ng	99
50) Dimethylphthalate	9.62	163	1049179	40.225	ng	100
51) 2,6-Dinitrotoluene	9.69	165	228645	40.338	ng	99
52) Acenaphthene	9.93	154	782844	38.859	ng	99
53) 3-Nitroaniline	9.86	138	284819	40.667	ng	94
54) 2,4-Dinitrophenol	9.97	184	96702	38.080	ng	93
55) Dibenzofuran	10.10	168	1156494	39.474	ng	96
56) 4-Nitrophenol	10.02	139	173913	38.763	ng	99
57) 2,4-Dinitrotoluene	10.09	165	302291	40.056	ng	94
58) Fluorene	10.45	166	882541	39.153	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.23	232	242878	39.620	ng	99
60) Diethylphthalate	10.32	149	956182	39.266	ng	99
61) 4-Chlorophenyl-phenylether	10.44	204	446872	39.145	ng	96
62) 4-Nitroaniline	10.47	138	290656	40.157	ng	99
63) Azobenzene	10.60	77	977927	39.044	ng	98
65) 4,6-Dinitro-2-methylphenol	10.50	198	142886	40.737	ng	89
66) n-Nitrosodiphenylamine	10.56	169	794479	39.879	ng	99
67) 4-Bromophenyl-phenylether	10.93	248	284699	40.181	ng	94
68) Hexachlorobenzene	11.00	284	323723	39.511	ng	98
69) Atrazine	11.09	200	258589	39.455	ng	98
70) Pentachlorophenol	11.20	266	159499	40.097	ng	99
71) Phenanthrene	11.41	178	1342055	39.662	ng	99
72) Anthracene	11.46	178	1354166	39.544	ng	99
73) Carbazole	11.62	167	1248814	40.196	ng	99
74) Di-n-butylphthalate	11.94	149	1432743	39.532	ng	100
75) Fluoranthene	12.60	202	1387014	39.155	ng	97
77) Benzidine	12.72	184	735123	49.984	ng	98
78) Pyrene	12.83	202	1409048	42.939	ng	100
80) Butylbenzylphthalate	13.44	149	586382	42.243	ng	98
81) Benzo(a)anthracene	14.02	228	1116897	40.141	ng	100
82) 3,3'-Dichlorobenzidine	13.97	252	401441	41.528	ng	# 99
83) Chrysene	14.06	228	1060817	39.271	ng	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	737050	40.860	ng	99
85) Di-n-octyl phthalate	14.61	149	1079960	37.693	ng	100
86) Indeno(1,2,3-cd)pyrene	16.99	276	1010542	44.541	ng	99
88) Benzo(b)fluoranthene	15.07	252	895040	38.566	ng	98
89) Benzo(k)fluoranthene	15.10	252	882753	39.051	ng	99
90) Benzo(a)pyrene	15.43	252	820806	39.564	ng	99
91) Dibenzo(a,h)anthracene	16.99	278	815164	45.392	ng	99
92) Benzo(g,h,i)perylene	17.43	276	847642	48.062	ng	97

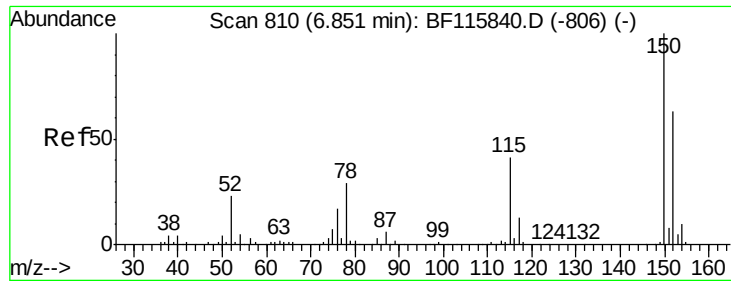
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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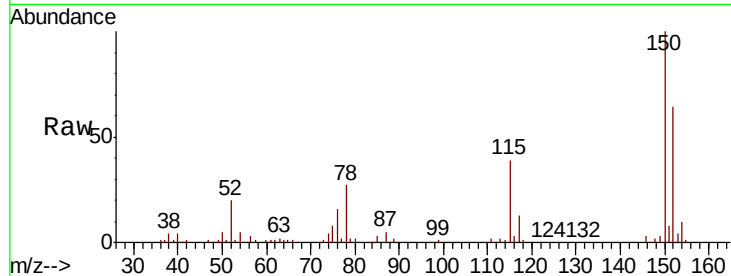


#1

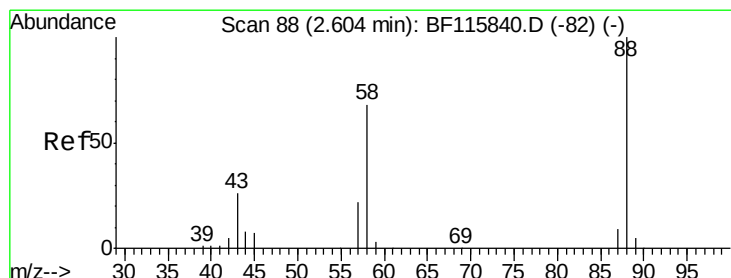
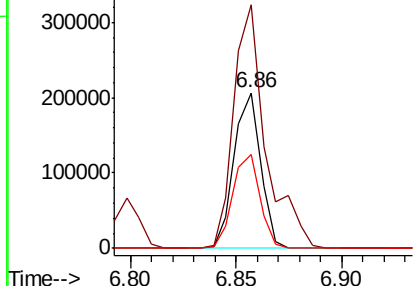
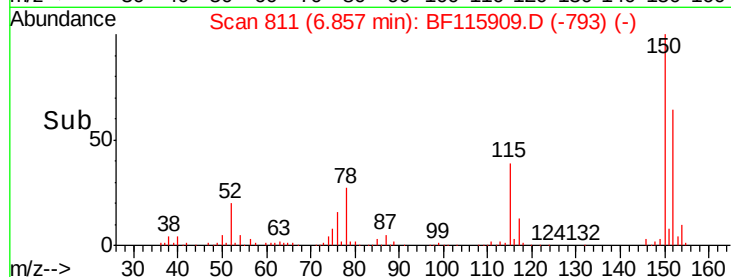
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.01 min
Lab File: BF115909.D
Acq: 1 Aug 2019 16:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 179490
Ion Ratio Lower Upper
152 100
150 156.2 127.4 191.0
115 60.5 51.8 77.8



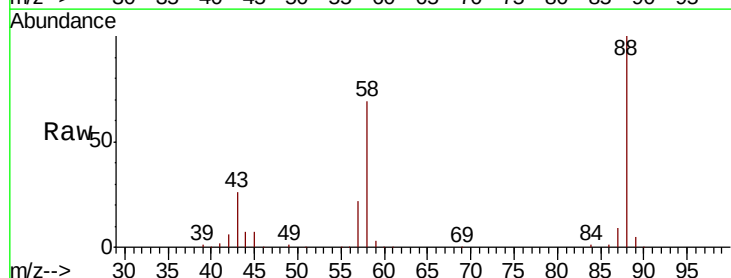
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



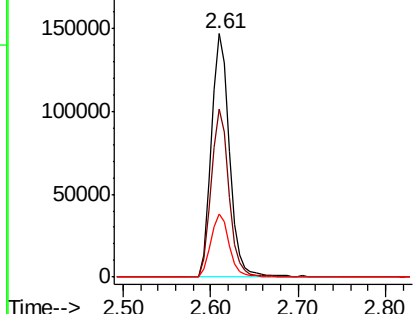
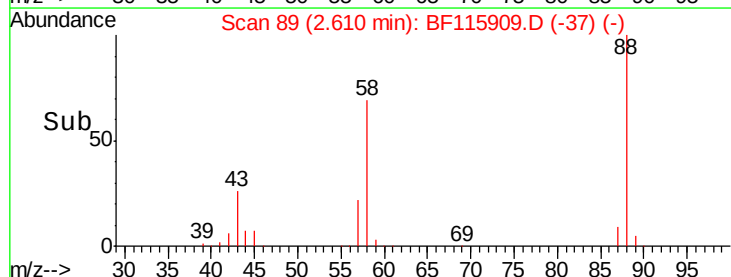
#2

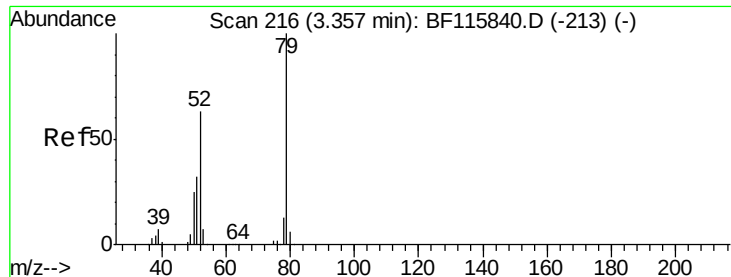
1,4-Dioxane
Concen: 39.332 ng
RT: 2.61 min Scan# 89
Delta R.T. 0.01 min
Lab File: BF115909.D
Acq: 1 Aug 2019 16:28

Tgt Ion: 88 Resp: 213044
Ion Ratio Lower Upper
88 100
58 67.5 54.1 81.1
43 26.3 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: 39.437 ng

RT: 3.37 min Scan# 219

Delta R.T. 0.02 min

Lab File: BF115909.D

Acq: 1 Aug 2019 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

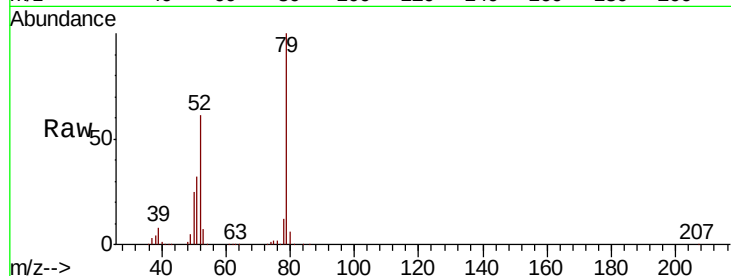
Tot Ion: 79 Resp: 596713

Ion Ratio Lower Upper

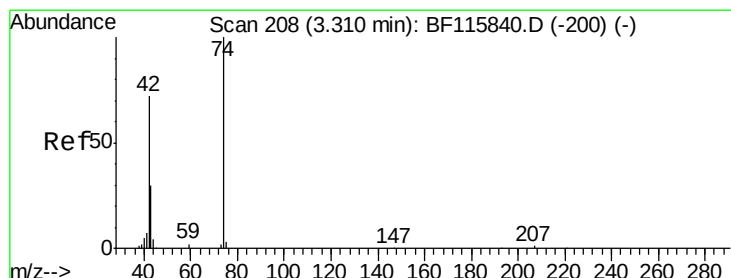
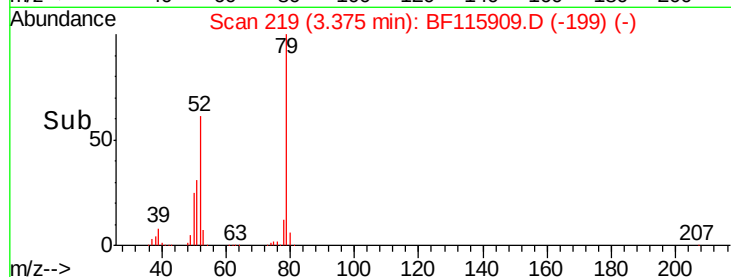
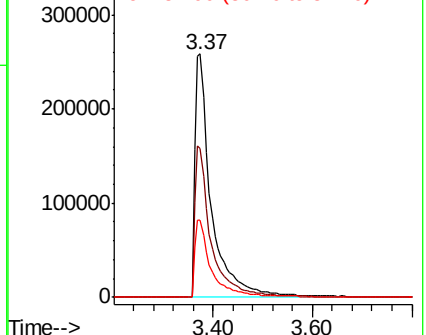
79 100

52 61.3 50.2 75.4

51 31.5 25.8 38.6



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



#4

n-Nitrosodimethylamine

Concen: 40.924 ng

RT: 3.33 min Scan# 211

Delta R.T. 0.02 min

Lab File: BF115909.D

Acq: 1 Aug 2019 16:28

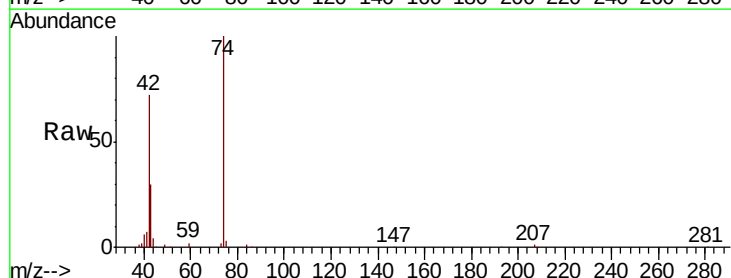
Tgt Ion: 42 Resp: 244362

Ion Ratio Lower Upper

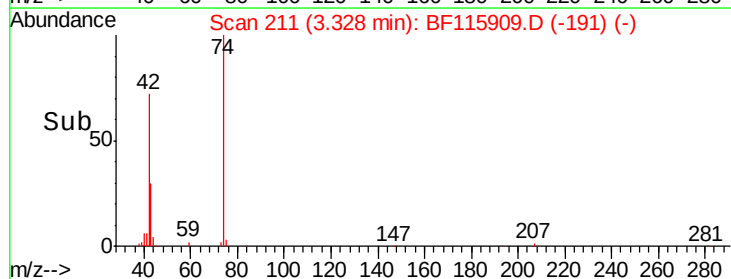
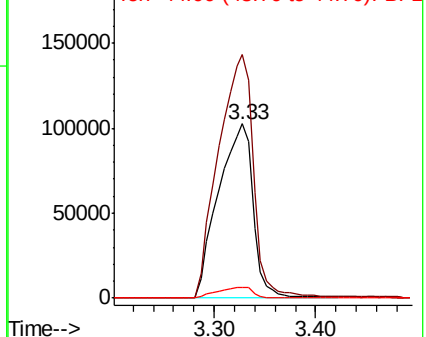
42 100

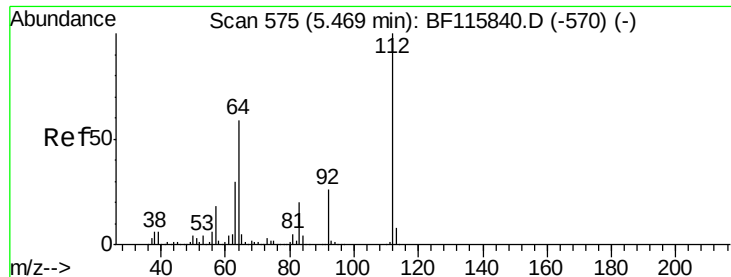
74 139.7 111.0 166.4

44 6.1 4.7 7.1



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





#5

2-Fluorophenol

Concen: 79.649 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.01 min

Lab File: BF115909.D

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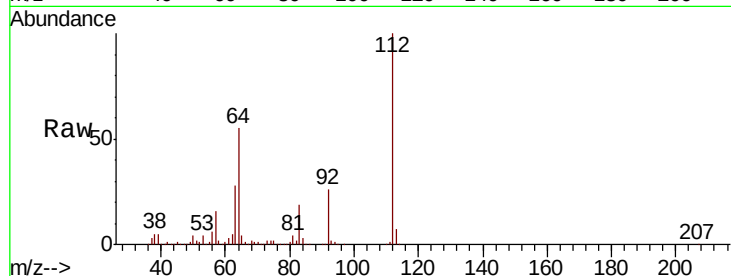
Tot Ion:112 Resp: 853982

Ion Ratio Lower Upper

112 100

64 55.0 46.8 70.2

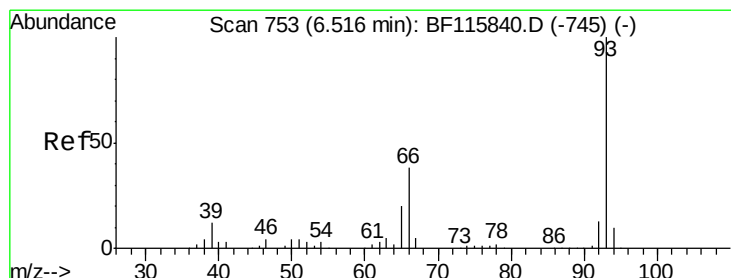
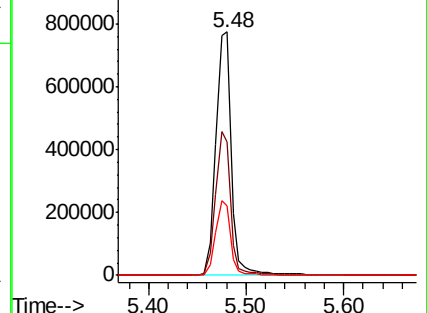
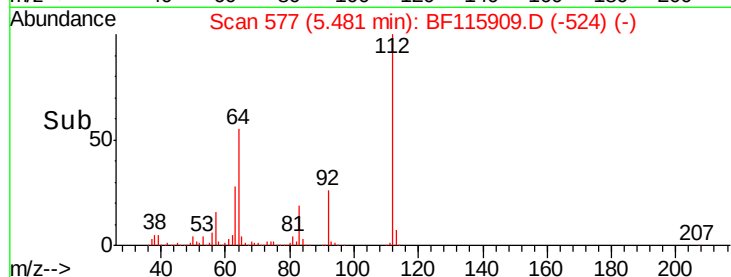
63 28.4 24.2 36.2



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: 40.315 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF115909.D

Acq: 1 Aug 2019 16:28

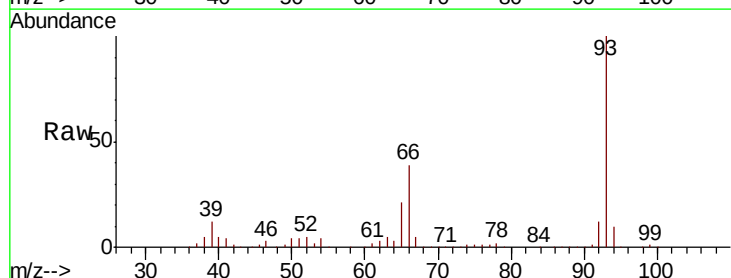
Tgt Ion: 93 Resp: 781025

Ion Ratio Lower Upper

93 100

66 39.5 31.4 47.0

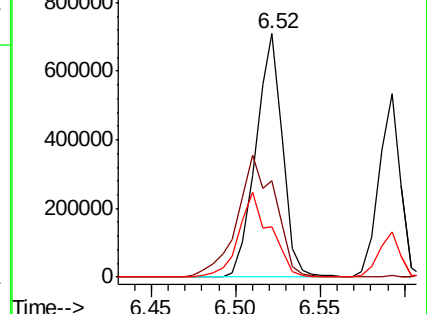
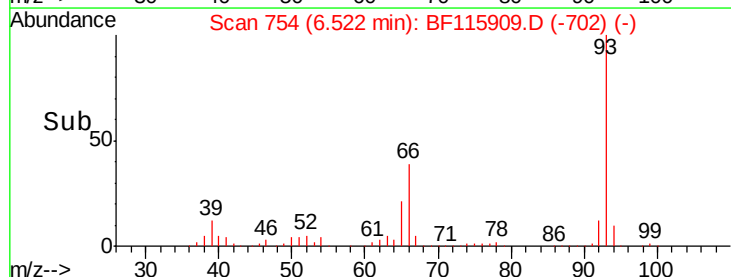
65 20.8 16.5 24.7

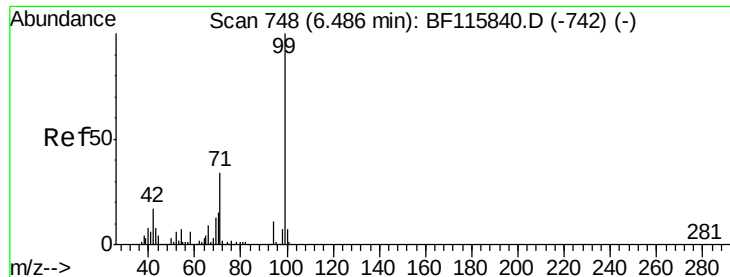


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 80.443 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF115909.D

Acq: 1 Aug 2019 16:28

Instrument :

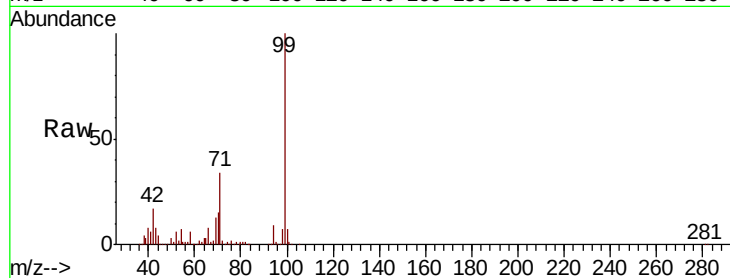
BNA_F

ClientSampleId :

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Tot Ion: 99 Resp: 1088184

Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.8	20.6
71	33.7	27.1	40.7

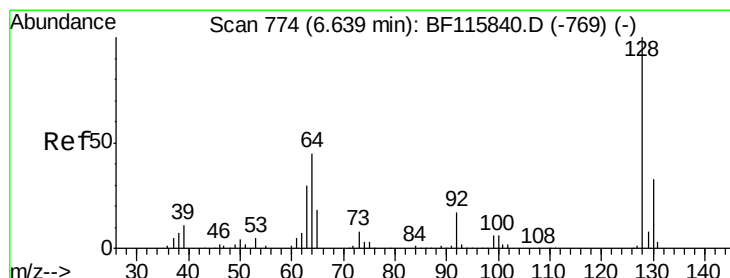
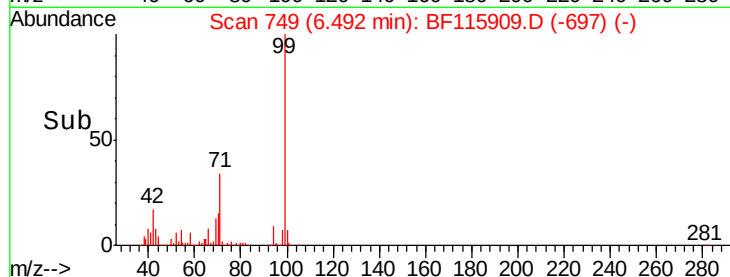
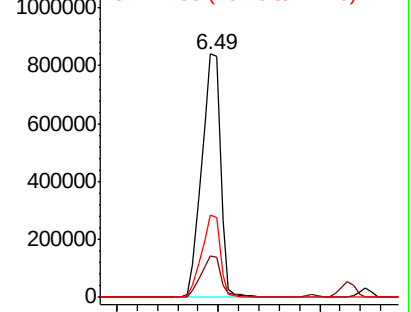


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.248 ng

RT: 6.65 min Scan# 775

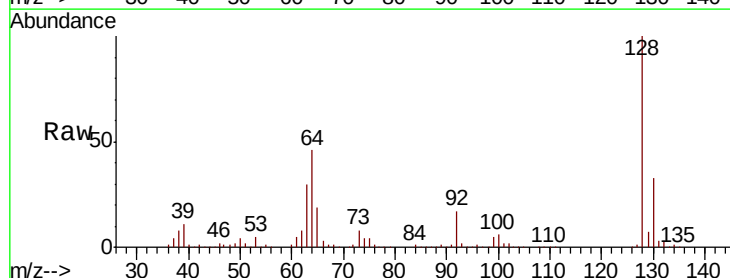
Delta R.T. 0.01 min

Lab File: BF115909.D

Acq: 1 Aug 2019 16:28

Tgt Ion: 128 Resp: 477191

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.9	52.9
64	46.4	26.1	66.1

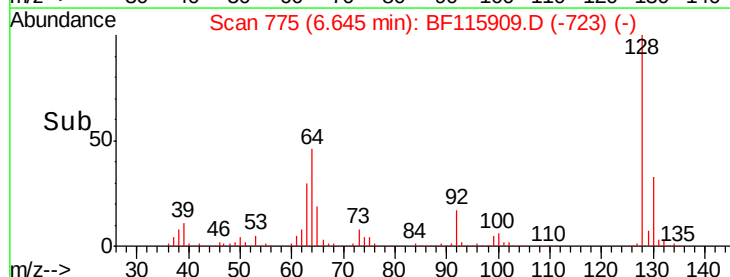
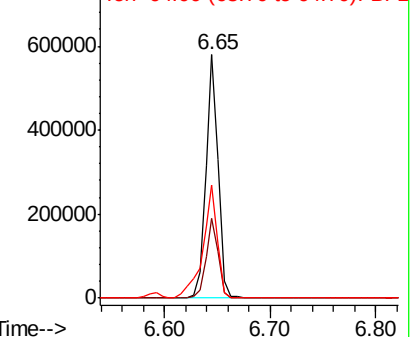


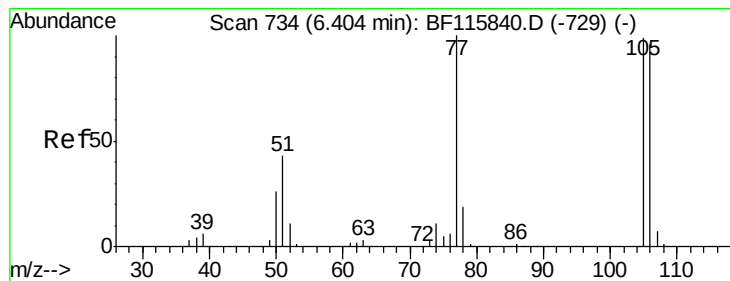
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 38.127 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.00 min

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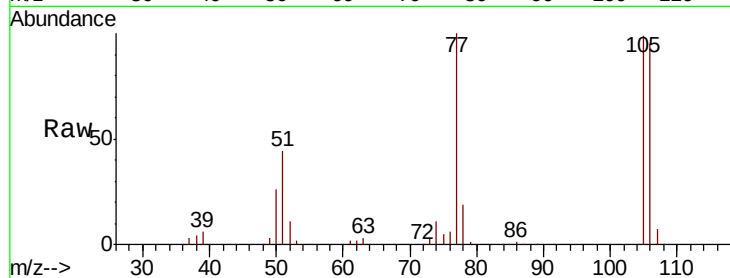
Tot Ion: 77 Resp: 355865

Ion Ratio Lower Upper

77 100

105 98.9 79.0 119.0

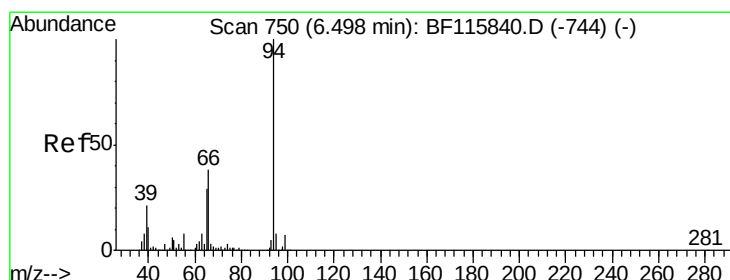
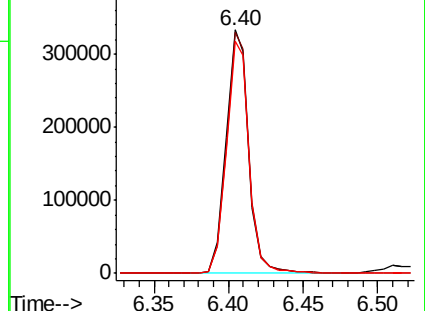
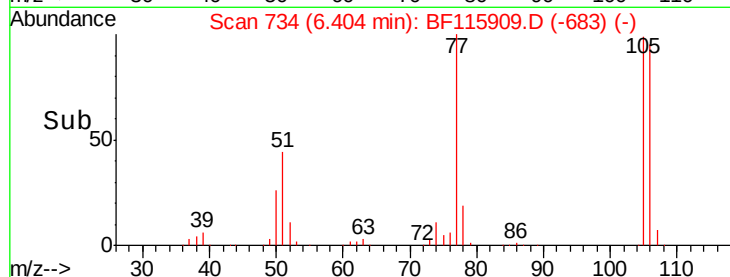
106 95.4 76.2 116.2



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: 40.049 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF115909.D

Acq: 1 Aug 2019 16:28

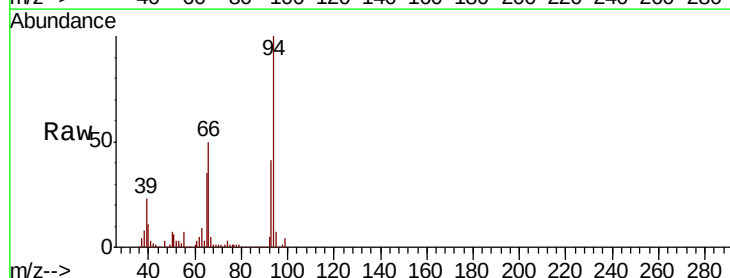
Tgt Ion: 94 Resp: 637980

Ion Ratio Lower Upper

94 100

65 34.5 8.9 48.9

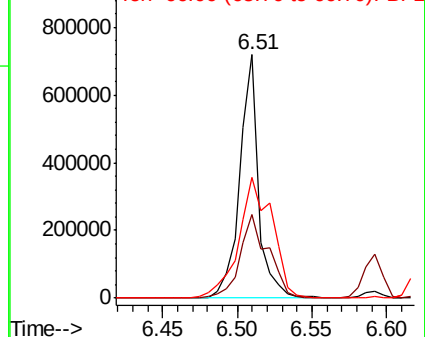
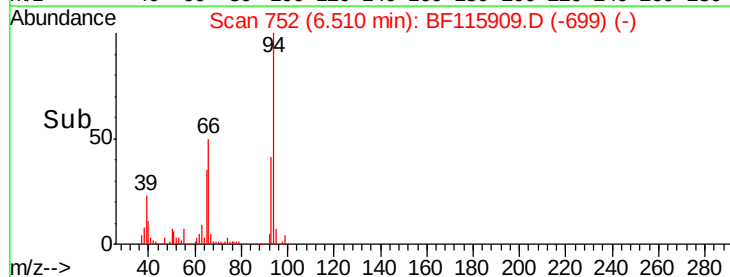
66 49.5 18.0 58.0

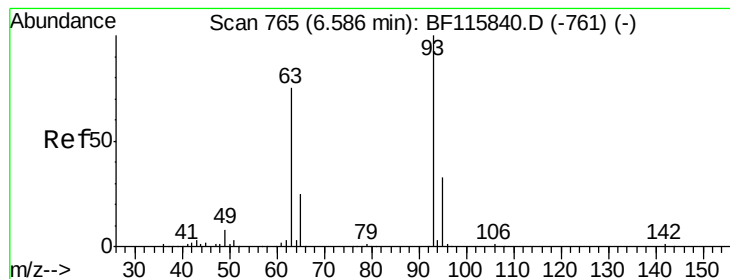


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 39.884 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF115909.D

Acq: 1 Aug 2019 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

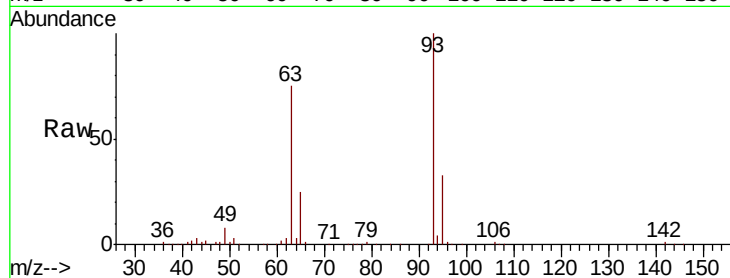
Tot Ion: 93 Resp: 467114

Ion Ratio Lower Upper

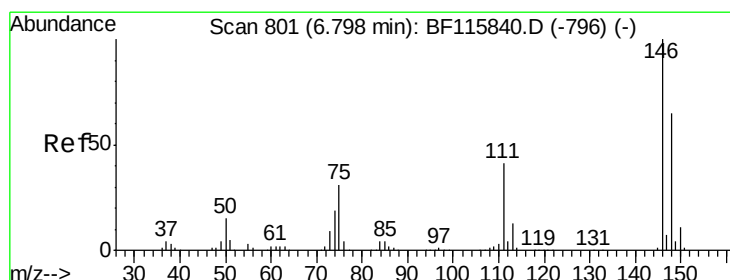
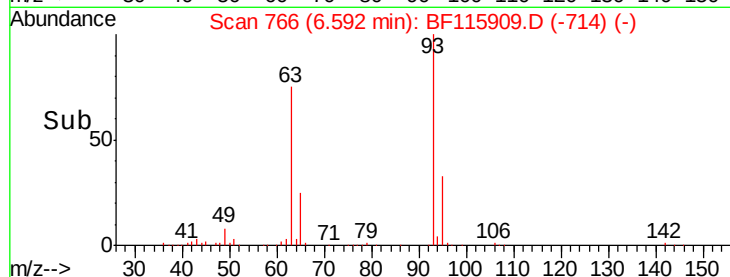
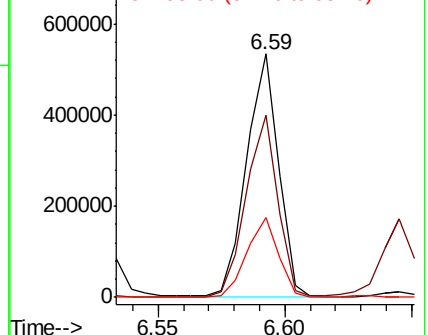
93 100

63 74.7 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: 39.235 ng

RT: 6.80 min Scan# 801

Delta R.T. -0.00 min

Lab File: BF115909.D

Acq: 1 Aug 2019 16:28

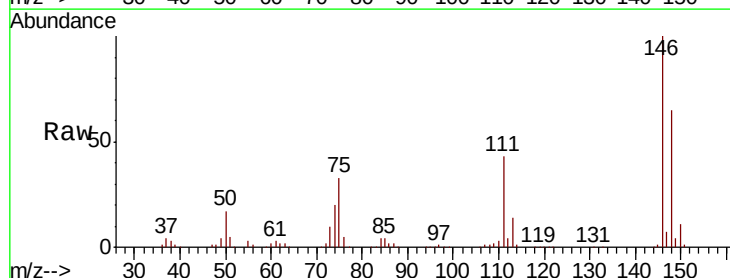
Tgt Ion: 146 Resp: 537607

Ion Ratio Lower Upper

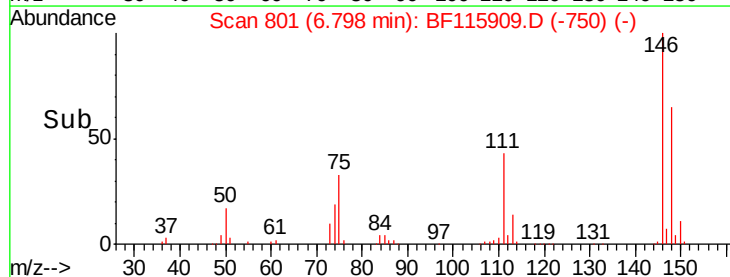
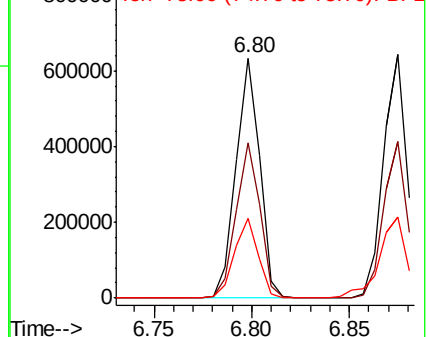
146 100

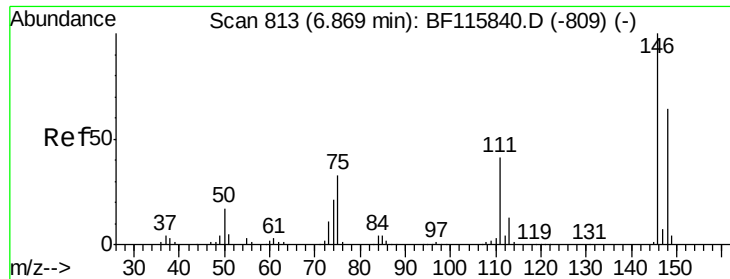
148 64.8 52.1 78.1

75 33.4 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

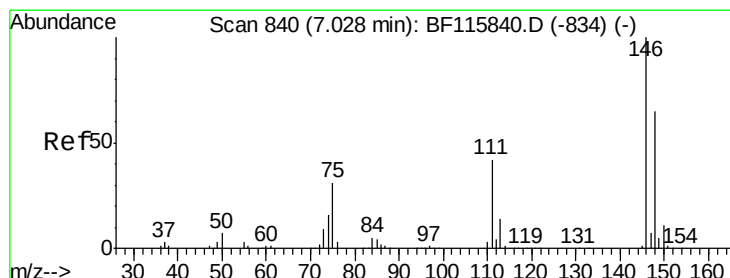
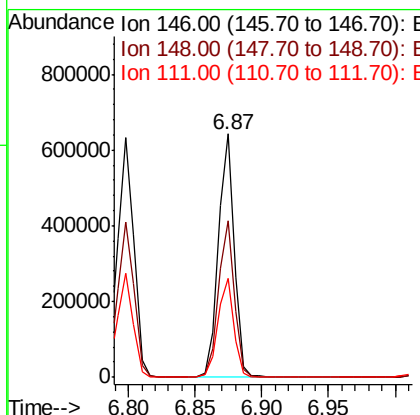
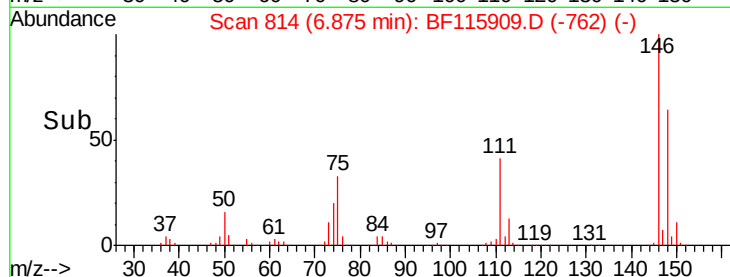
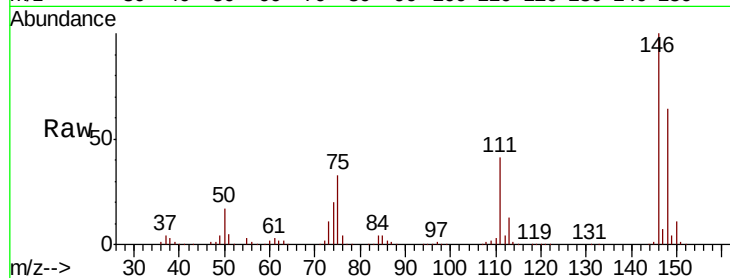




#13
 1,4-Dichlorobenzene
 Concen: 39.627 ng
 RT: 6.87 min Scan# 814
 Delta R.T. 0.01 min
 Lab File: BF115909.D
 Acq: 1 Aug 2019 16:28

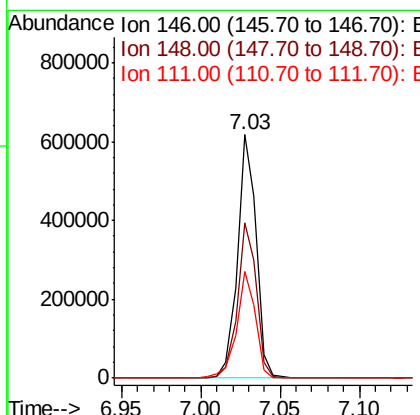
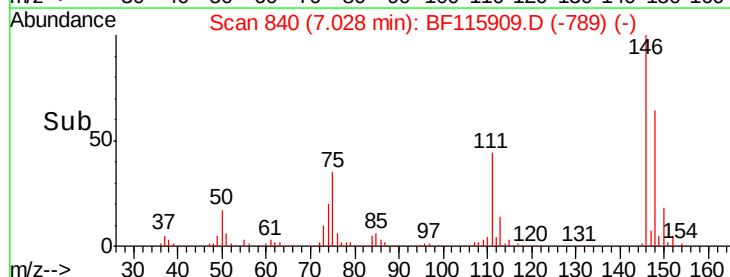
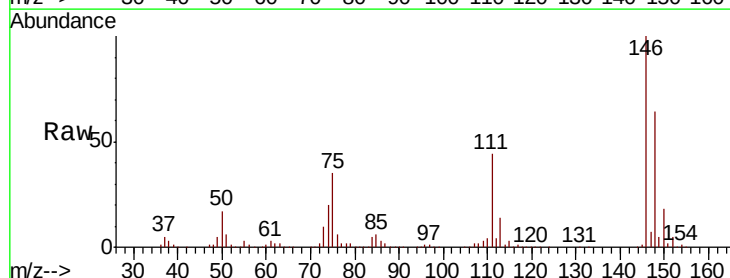
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

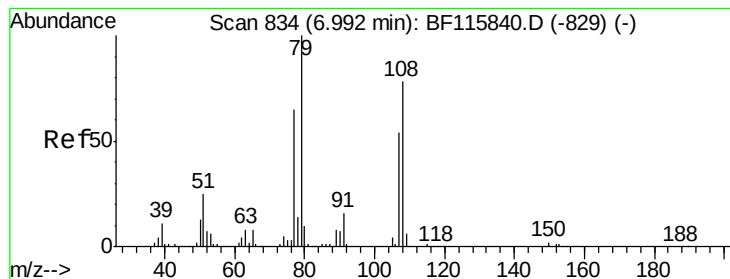
Tot Ion:146 Resp: 543663
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.2 76.8
 111 40.8 33.2 49.8



#14
 1,2-Dichlorobenzene
 Concen: 39.843 ng
 RT: 7.03 min Scan# 840
 Delta R.T. -0.00 min
 Lab File: BF115909.D
 Acq: 1 Aug 2019 16:28

Tgt Ion:146 Resp: 503328
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.6 77.4
 111 43.9 33.6 50.4





#15

Benzyl Alcohol

Concen: 41.391 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.01 min

Lab File: BF115909.D

Acq: 1 Aug 2019 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

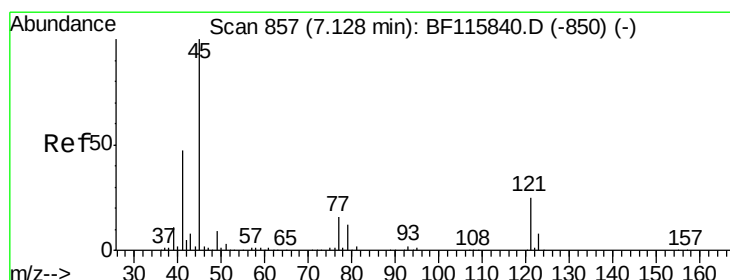
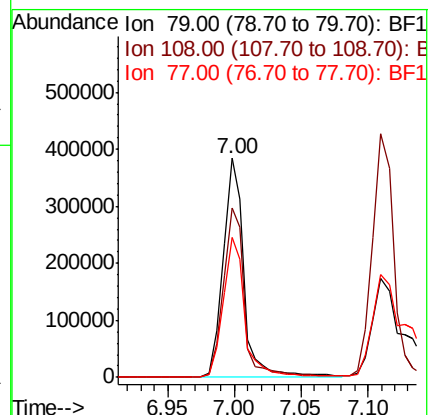
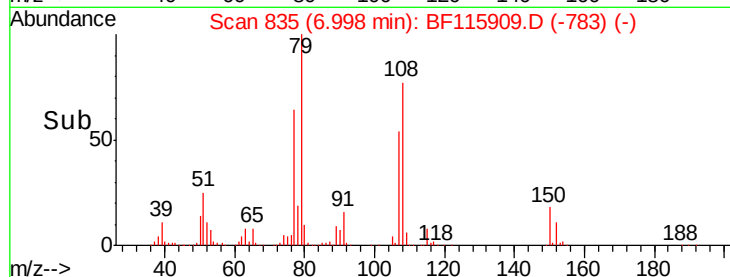
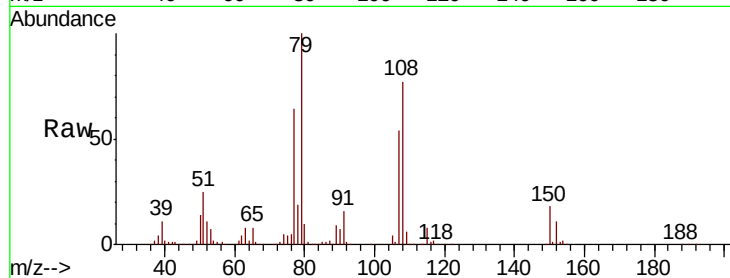
Tot Ion: 79 Resp: 424920

Ion Ratio Lower Upper

79 100

108 77.4 62.8 94.2

77 64.2 52.0 78.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.239 ng

RT: 7.13 min Scan# 858

Delta R.T. 0.01 min

Lab File: BF115909.D

Acq: 1 Aug 2019 16:28

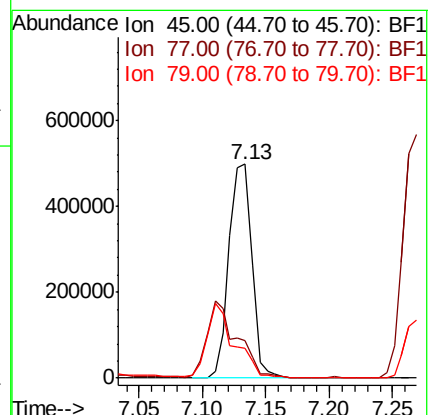
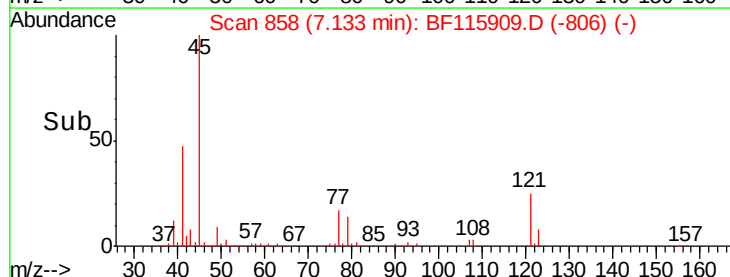
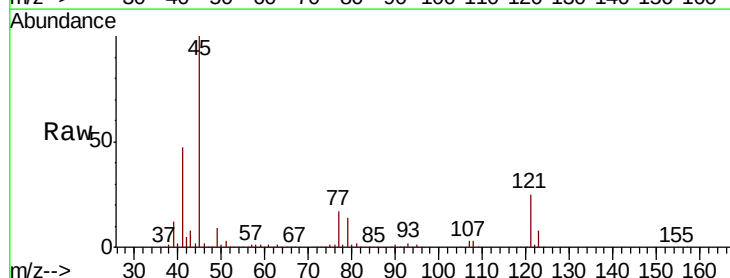
Tgt Ion: 45 Resp: 626847

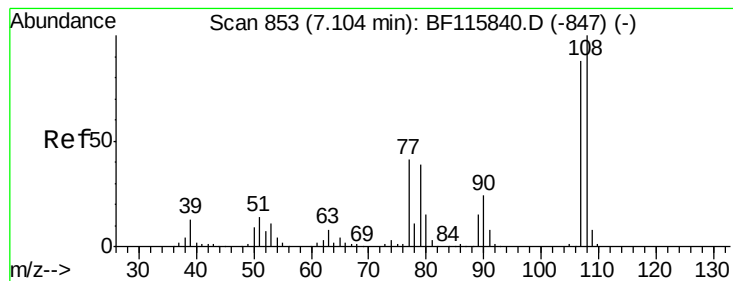
Ion Ratio Lower Upper

45 100

77 17.3 0.0 36.3

79 13.9 0.0 32.5

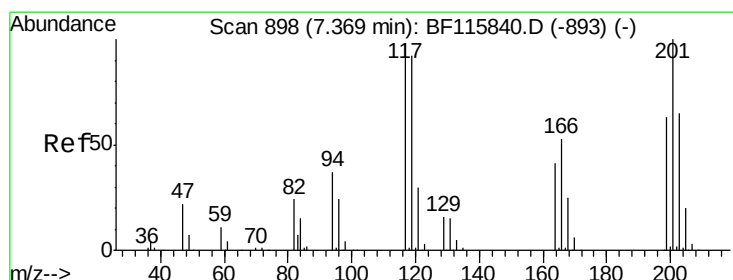
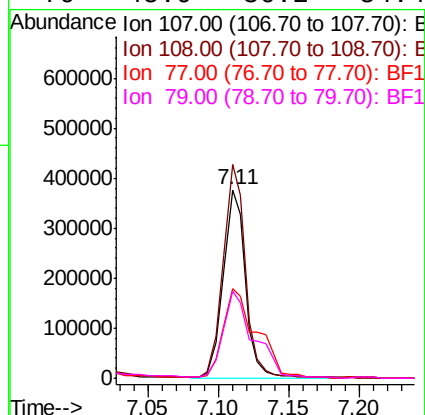
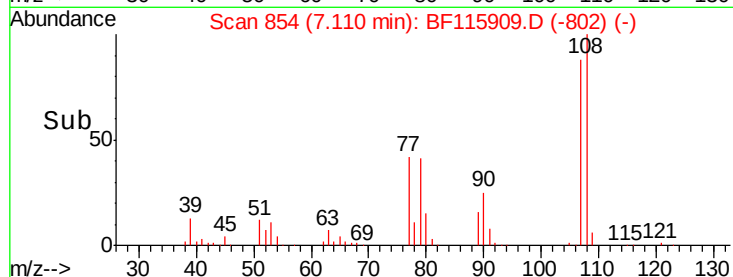
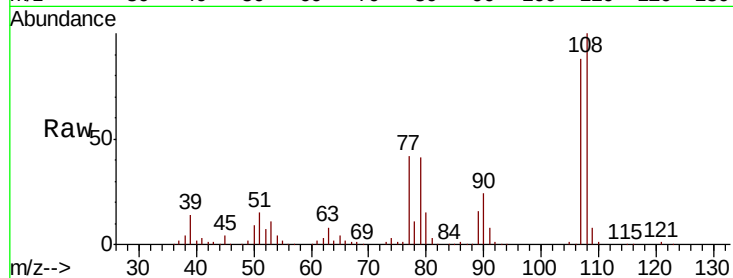




#17
2-Methylphenol
Concen: 40.944 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF115909.D
Acq: 1 Aug 2019 16:28

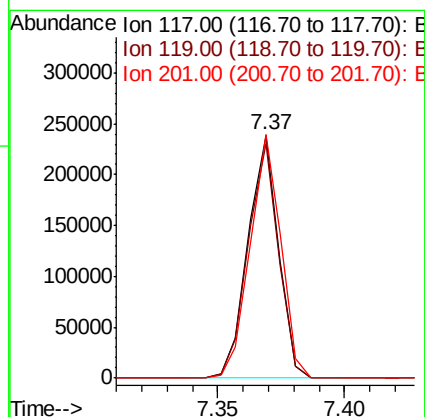
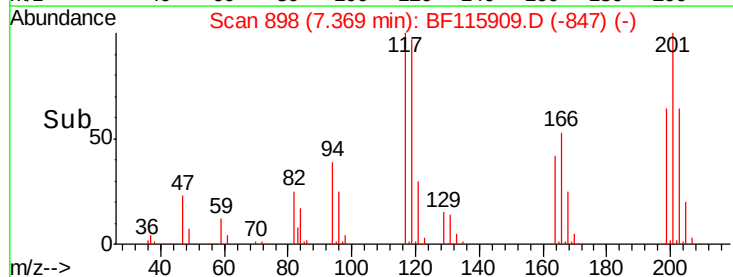
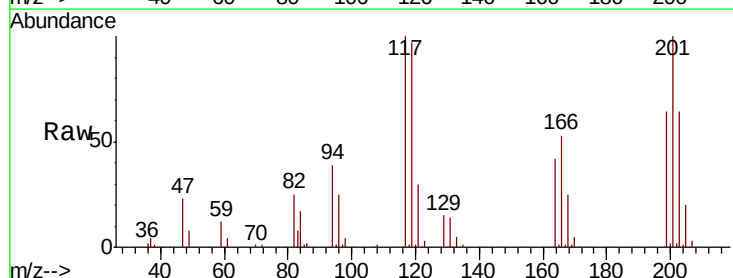
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

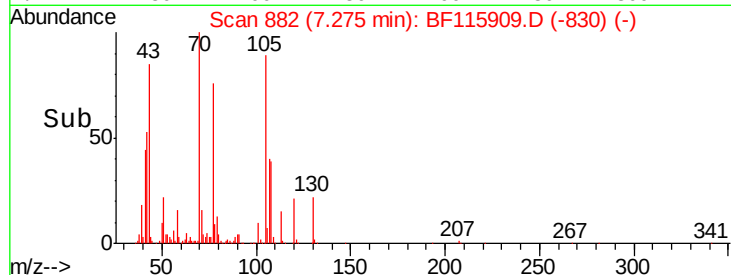
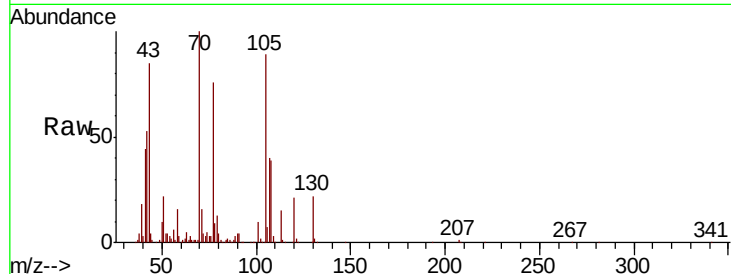
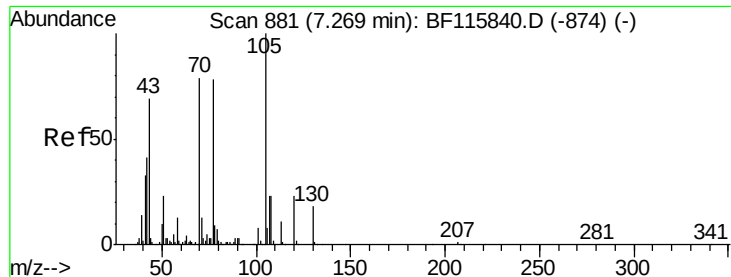
Tot Ion:107 Resp: 411046
Ion Ratio Lower Upper
107 100
108 113.3 91.4 137.0
77 47.8 37.6 56.4
79 45.9 36.2 54.4



#18
Hexachloroethane
Concen: 39.604 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF115909.D
Acq: 1 Aug 2019 16:28

Tgt Ion:117 Resp: 200047
Ion Ratio Lower Upper
117 100
119 96.8 75.8 113.6
201 100.3 82.0 123.0

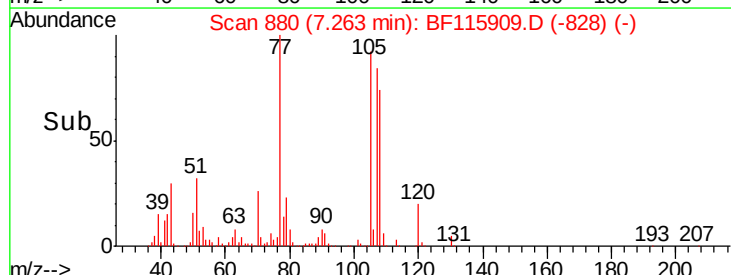
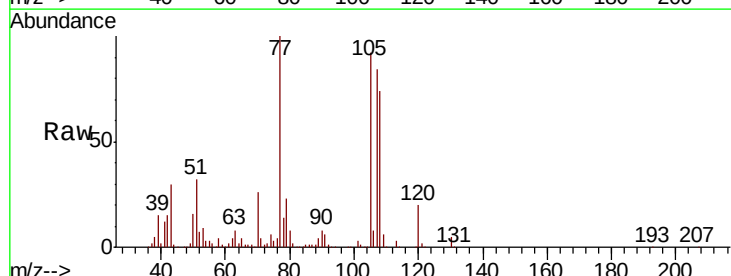
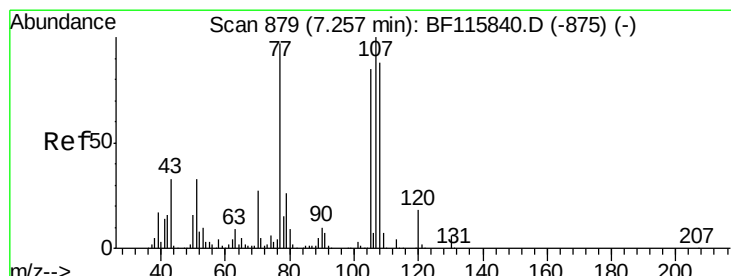
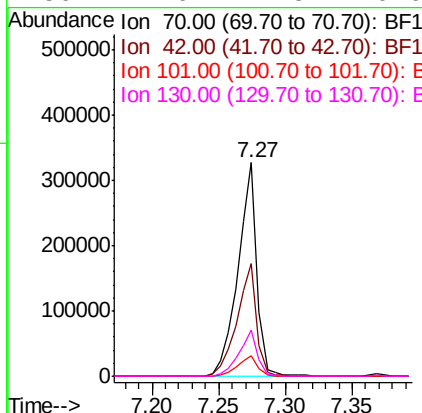




#19
n-Nitroso-di-n-propylamine
Concen: 38.558 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.01 min
Lab File: BF115909.D
Acq: 1 Aug 2019 16:28

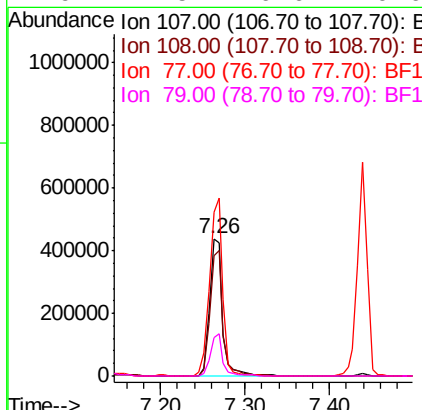
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

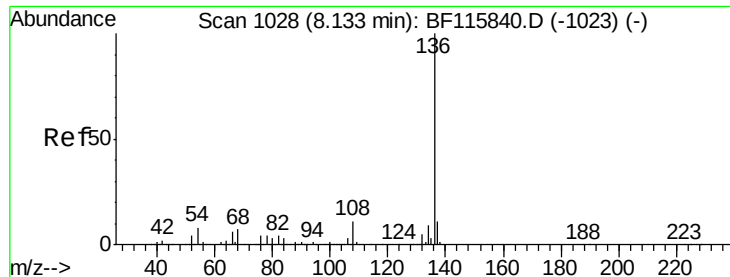
Tot Ion:	70	Resp:	323222
Ion	Ratio	Lower	Upper
70	100		
42	52.8	41.8	62.8
101	9.8	7.7	11.5
130	21.6	17.8	26.6



#20
3+4-Methylphenols
Concen: 39.497 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.01 min
Lab File: BF115909.D
Acq: 1 Aug 2019 16:28

Tgt Ion:	107	Resp:	469231
Ion	Ratio	Lower	Upper
107	100		
108	87.6	67.9	107.9
77	119.1	77.3	117.3#
79	27.5	6.6	46.6

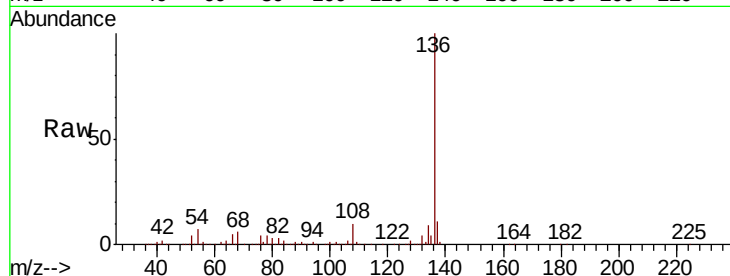




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.01 min
Lab File: BF115909.D
Acq: 1 Aug 2019 16:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:136	Resp:	724899
Ion	Ratio	Lower Upper
136	100	
137	11.1	9.1 13.7
54	7.0	6.1 9.1
68	5.9	5.4 8.2



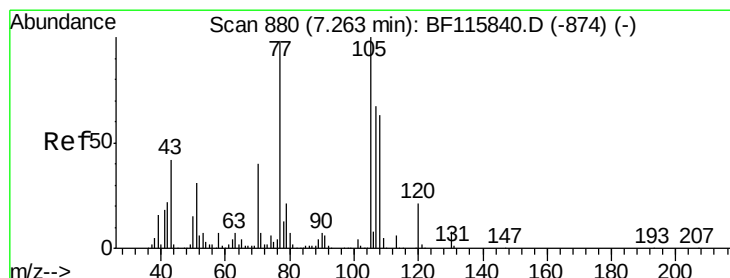
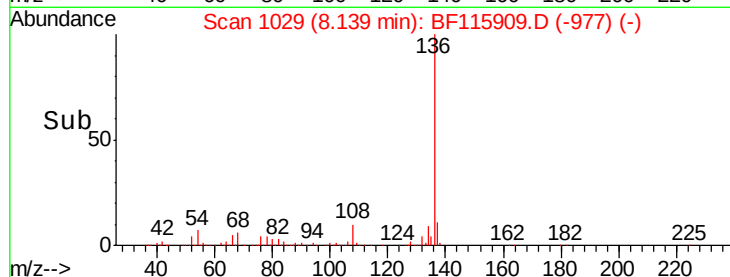
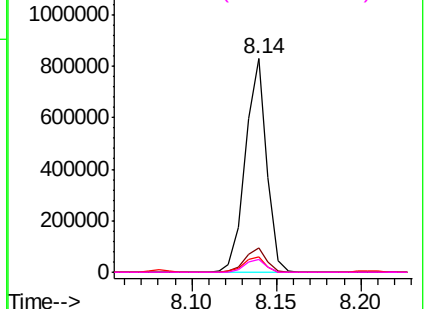
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

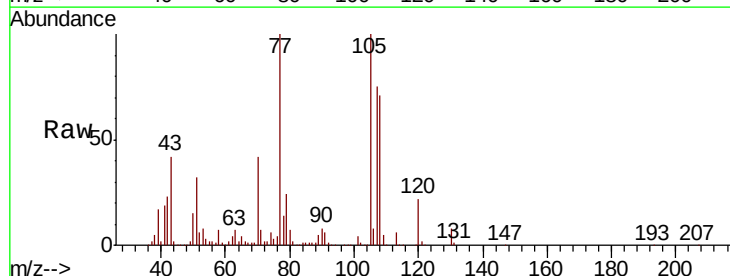
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 38.656 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF115909.D
Acq: 1 Aug 2019 16:28

Tgt Ion:105	Resp:	614559
Ion	Ratio	Lower Upper
105	100	
71	7.2	5.4 8.0
51	31.9	24.6 36.8
120	21.9	17.0 25.6



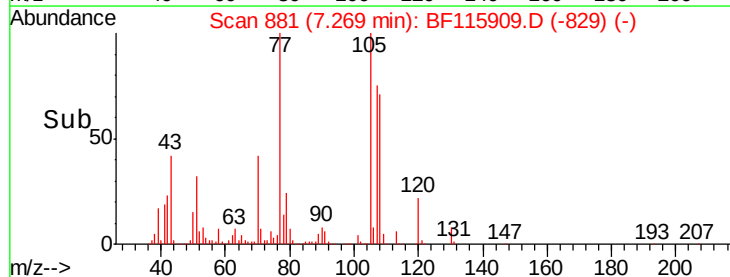
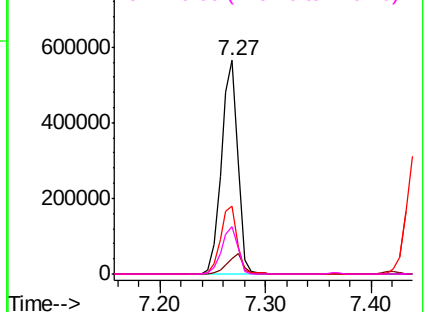
Abundance

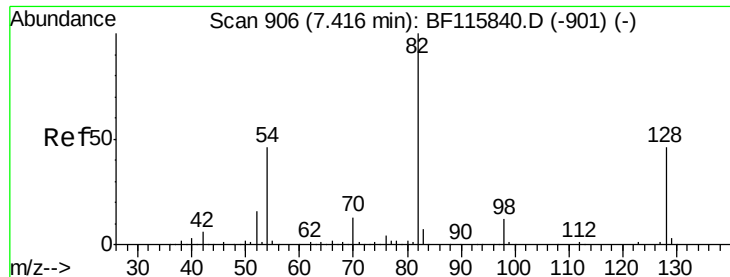
Ion 105.00 (104.70 to 105.70): E

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

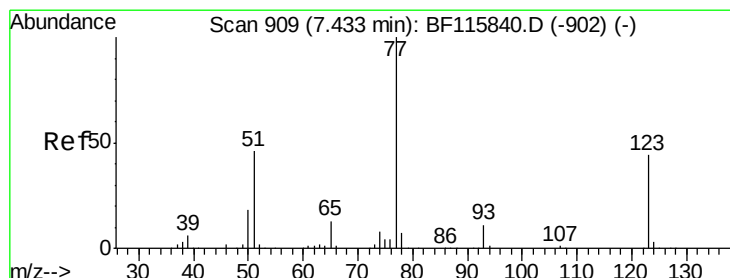
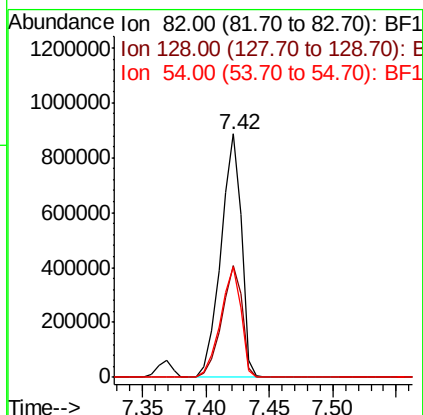
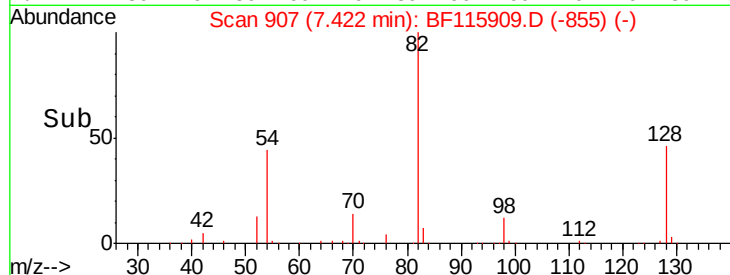
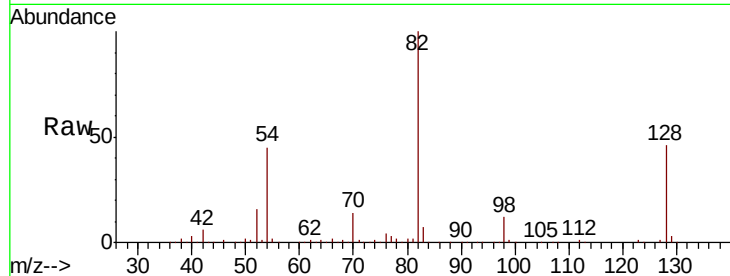




#23
Nitrobenzene-d5
Concen: 79.583 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.01 min
Lab File: BF115909.D
Acq: 1 Aug 2019 16:28

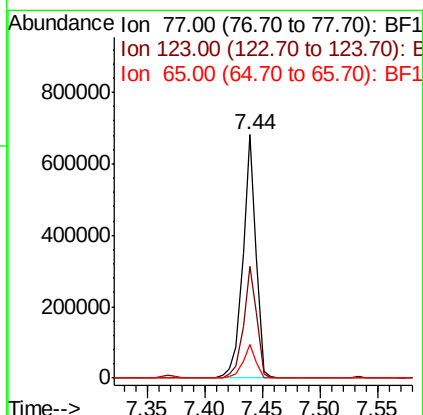
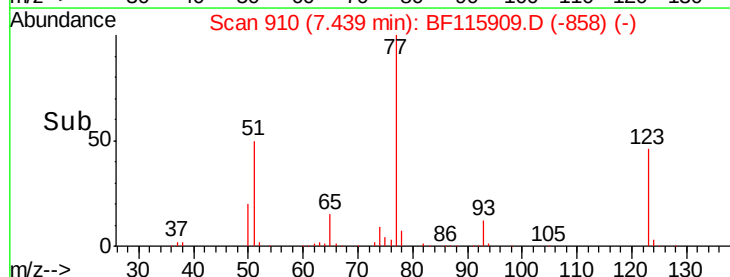
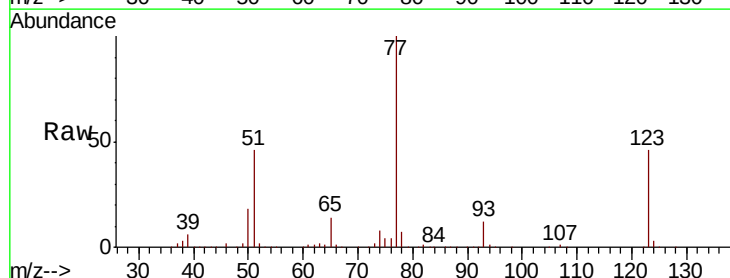
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

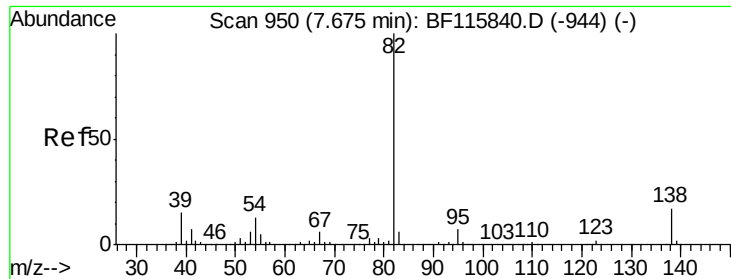
Tot Ion: 82 Resp: 999424
Ion Ratio Lower Upper
82 100
128 45.7 36.6 55.0
54 45.2 36.6 55.0



#24
Nitrobenzene
Concen: 39.619 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.01 min
Lab File: BF115909.D
Acq: 1 Aug 2019 16:28

Tgt Ion: 77 Resp: 537233
Ion Ratio Lower Upper
77 100
123 45.9 35.5 53.3
65 13.6 10.6 15.8





#25

Isophorone

Concen: 39.445 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.01 min

Lab File: BF115909.D

Acq: 1 Aug 2019 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

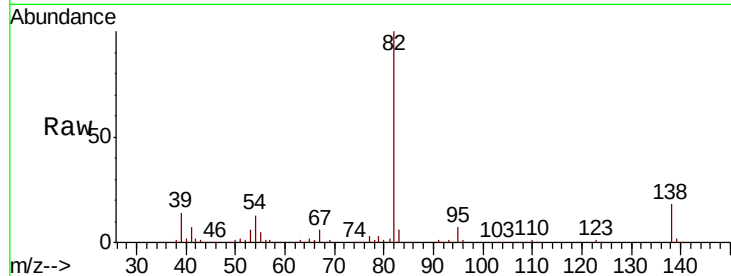
Tot Ion: 82 Resp: 947211

Ion Ratio Lower Upper

82 100

95 6.8 5.5 8.3

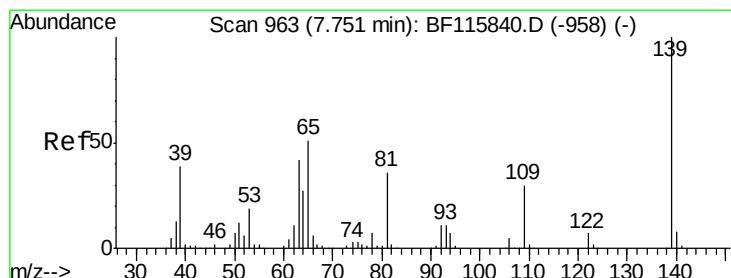
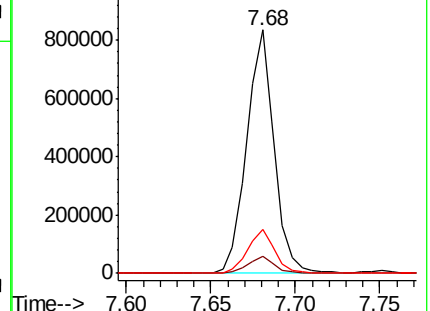
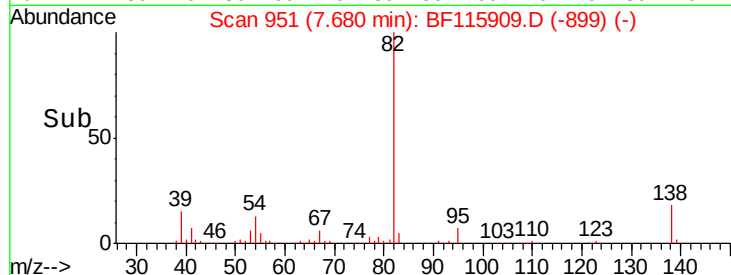
138 17.9 13.9 20.9



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: 41.395 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BF115909.D

Acq: 1 Aug 2019 16:28

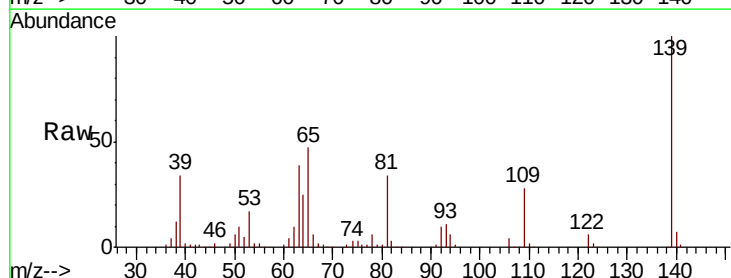
Tgt Ion: 139 Resp: 264596

Ion Ratio Lower Upper

139 100

109 28.1 23.6 35.4

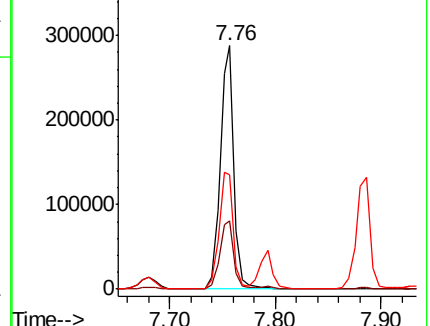
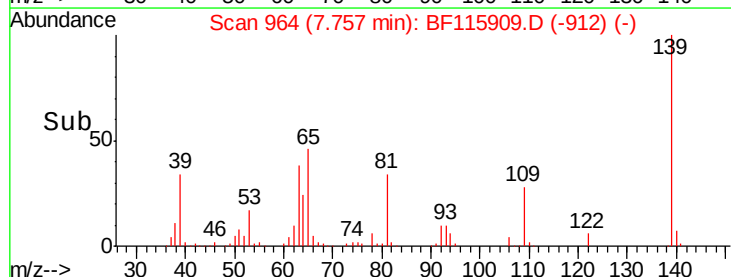
65 46.8 40.6 60.8

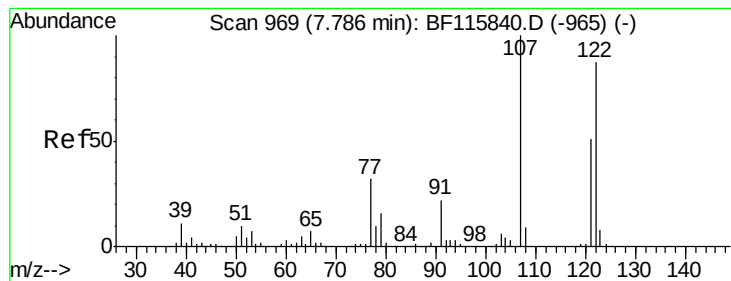


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 39.823 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF115909.D

Acq: 1 Aug 2019 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

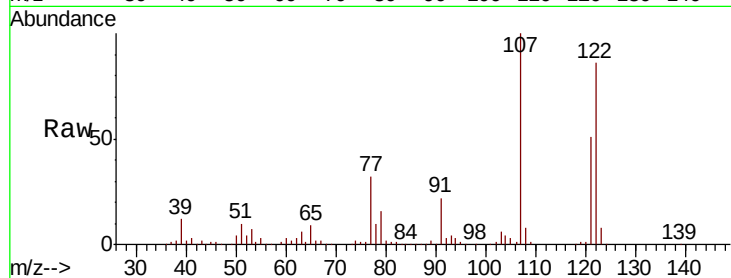
Tot Ion:122 Resp: 382960

Ion Ratio Lower Upper

122 100

107 116.8 91.7 137.5

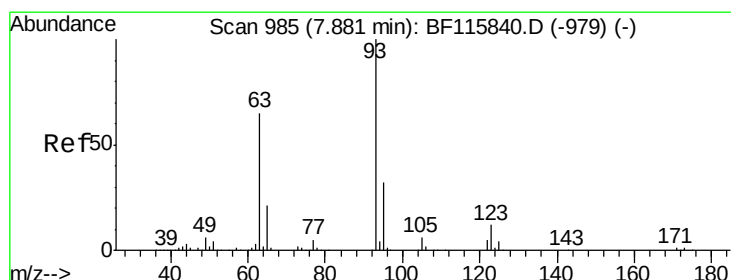
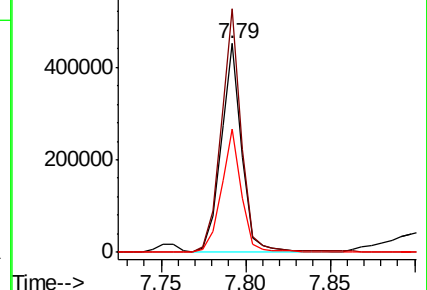
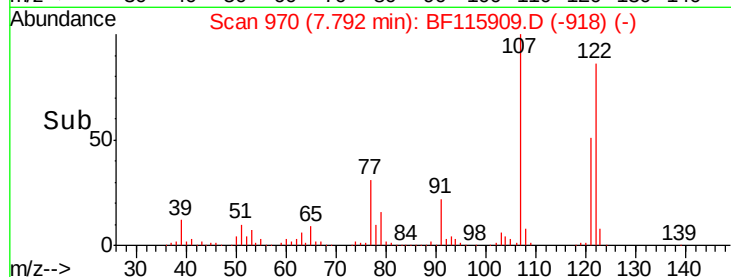
121 59.3 46.6 70.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.319 ng

RT: 7.89 min Scan# 986

Delta R.T. 0.01 min

Lab File: BF115909.D

Acq: 1 Aug 2019 16:28

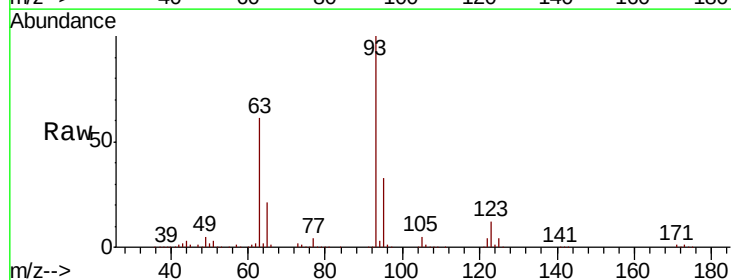
Tgt Ion: 93 Resp: 585210

Ion Ratio Lower Upper

93 100

95 32.9 26.0 39.0

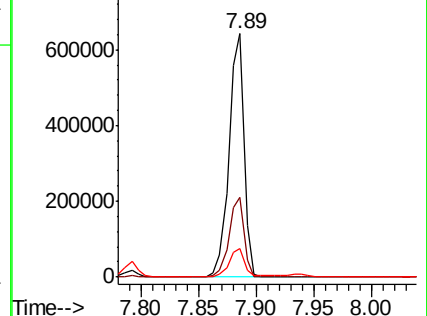
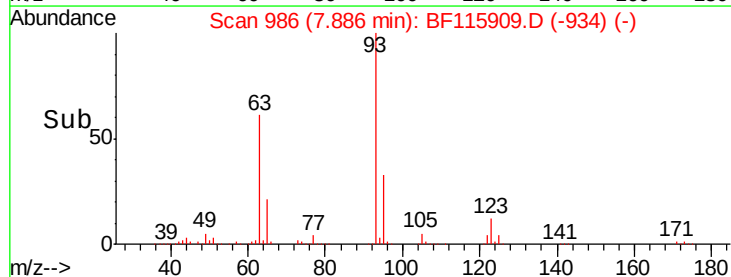
123 12.0 9.5 14.3

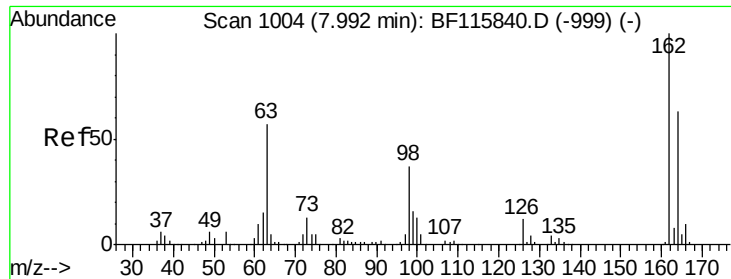


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

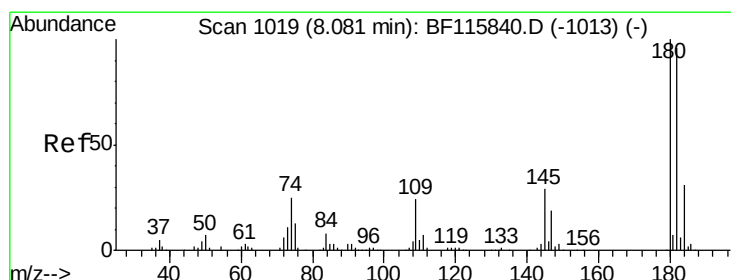
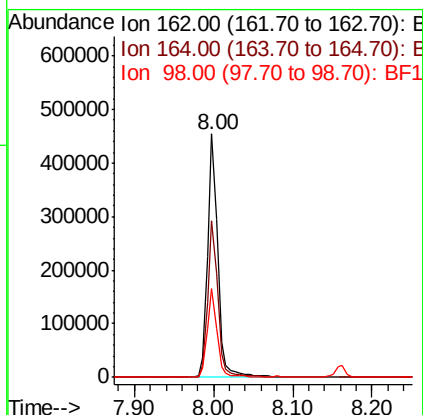
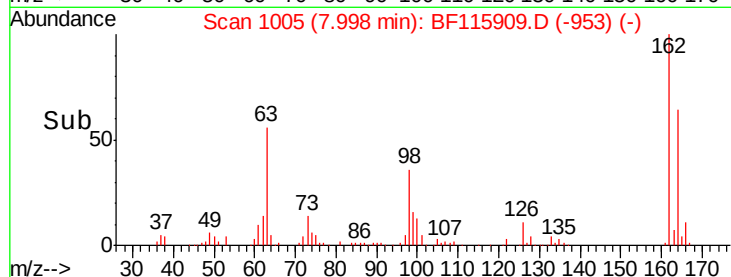
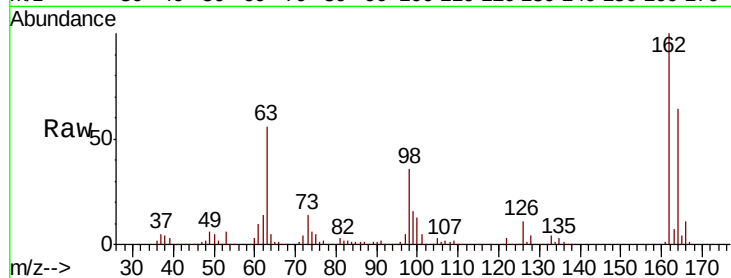




#29
2,4-Dichlorophenol
Concen: 40.465 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.01 min
Lab File: BF115909.D
Acq: 1 Aug 2019 16:28

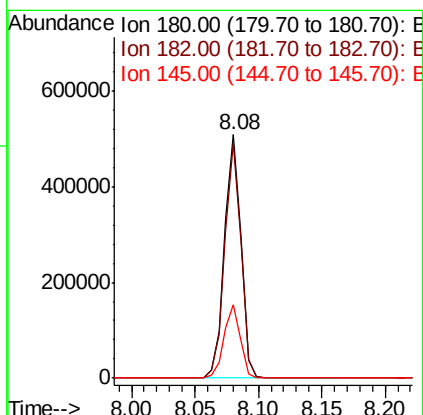
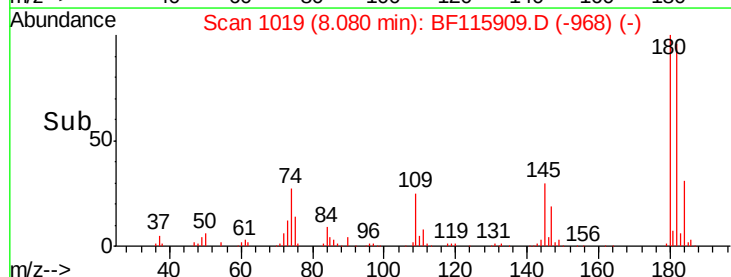
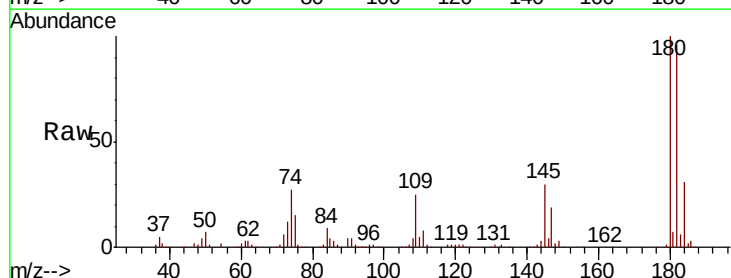
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

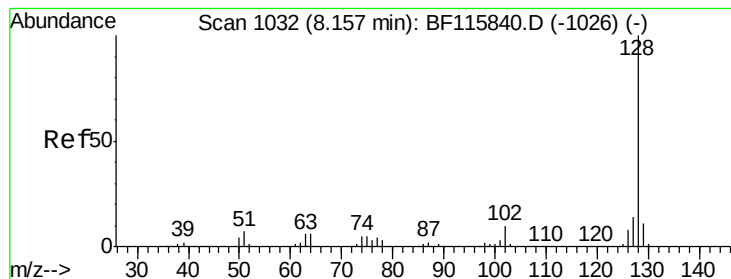
Tot Ion:162 Resp: 410876
Ion Ratio Lower Upper
162 100
164 64.3 43.2 83.2
98 36.4 17.3 57.3



#30
1,2,4-Trichlorobenzene
Concen: 39.753 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BF115909.D
Acq: 1 Aug 2019 16:28

Tgt Ion:180 Resp: 460116
Ion Ratio Lower Upper
180 100
182 96.3 76.6 114.8
145 30.0 23.2 34.8





#31

Naphthalene

Concen: 39.462 ng

RT: 8.16 min Scan# 1033

Delta R.T. 0.01 min

Lab File: BF115909.D

Acq: 1 Aug 2019 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

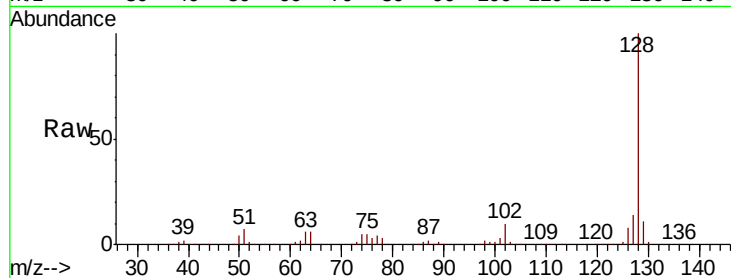
Tot Ion:128 Resp: 1346125

Ion Ratio Lower Upper

128 100

129 11.5 9.2 13.8

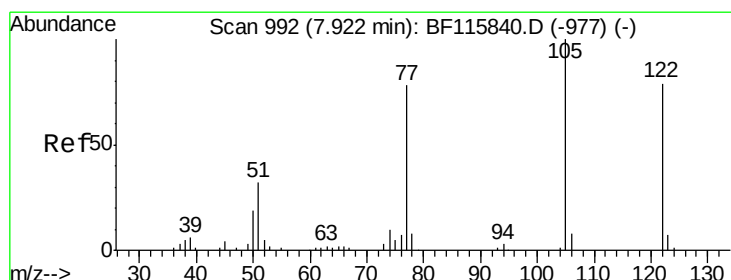
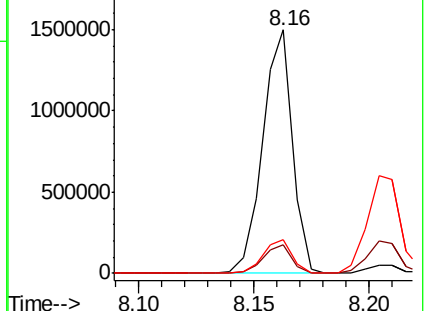
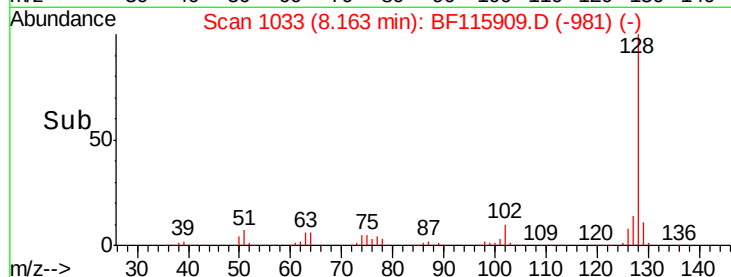
127 13.9 11.0 16.4



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: 34.590 ng

RT: 7.94 min Scan# 995

Delta R.T. 0.02 min

Lab File: BF115909.D

Acq: 1 Aug 2019 16:28

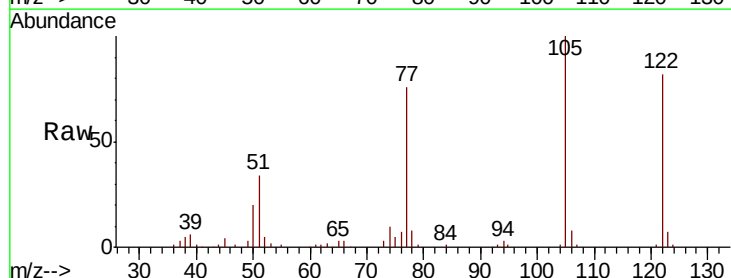
Tgt Ion:122 Resp: 234519

Ion Ratio Lower Upper

122 100

105 122.1 103.1 143.1

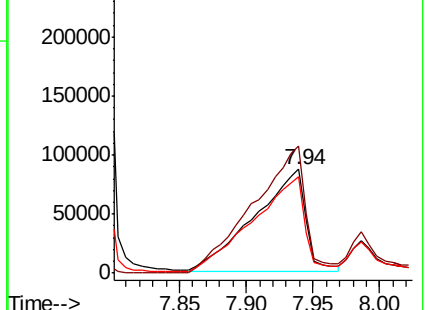
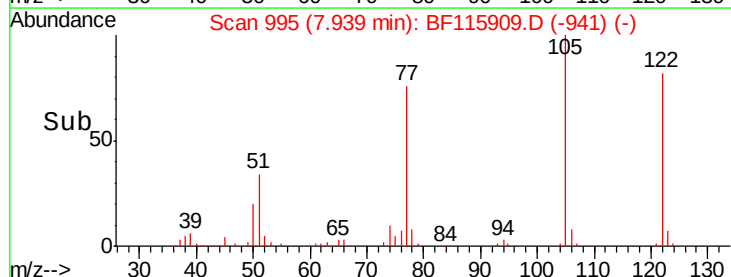
77 93.2 76.8 116.8

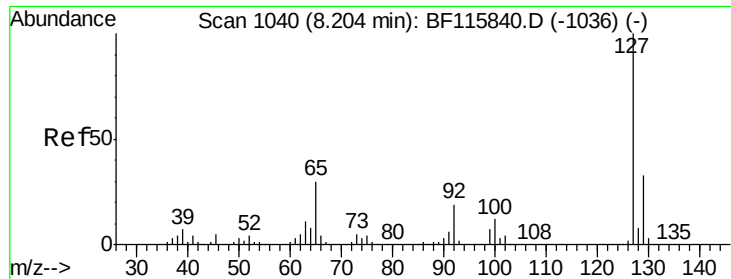


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

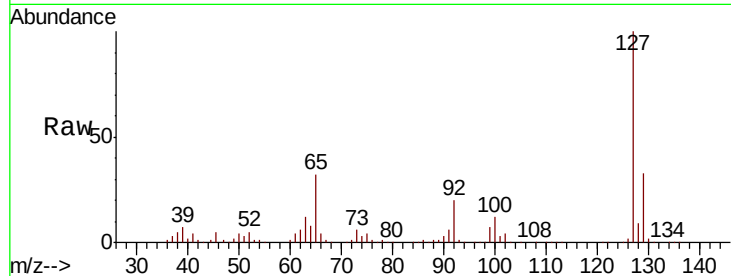




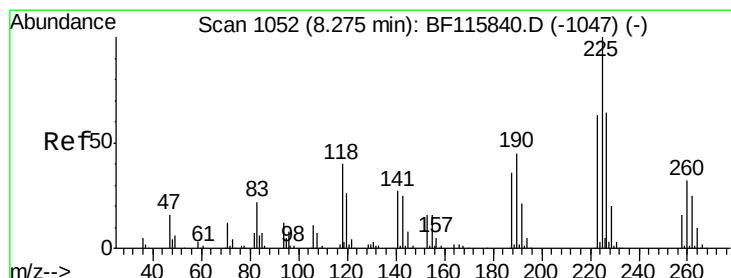
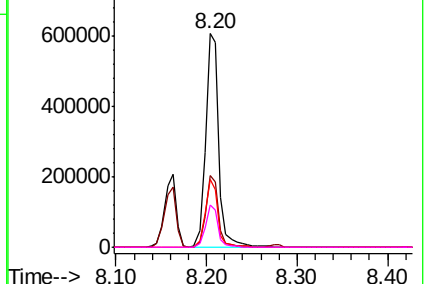
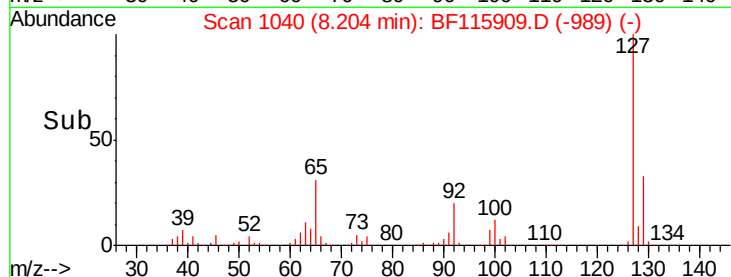
#33
4-Chloroaniline
Concen: 40.855 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF115909.D
Acq: 1 Aug 2019 16:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	622689
Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.0	39.0
65	31.6	23.9	35.9
92	19.7	14.9	22.3

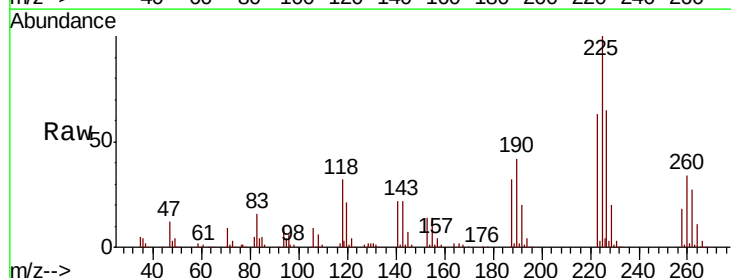


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

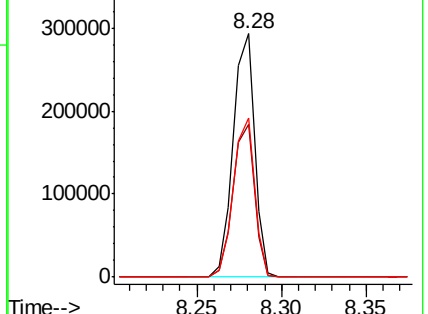
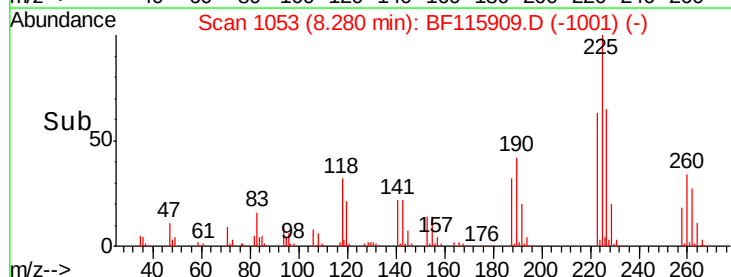


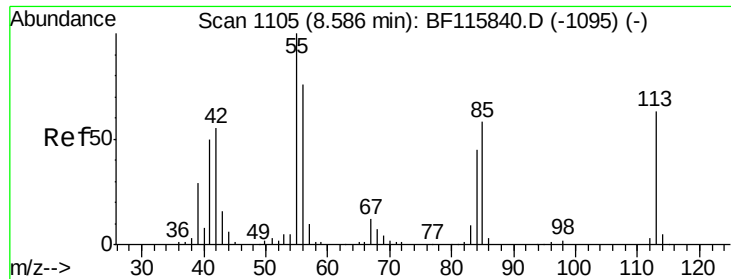
#34
Hexachlorobutadiene
Concen: 38.833 ng
RT: 8.28 min Scan# 1053
Delta R.T. 0.01 min
Lab File: BF115909.D
Acq: 1 Aug 2019 16:28

Tgt Ion:	225	Resp:	258892
Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.4	75.6
227	65.3	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

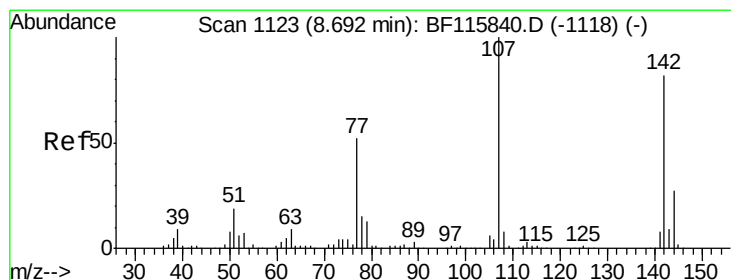
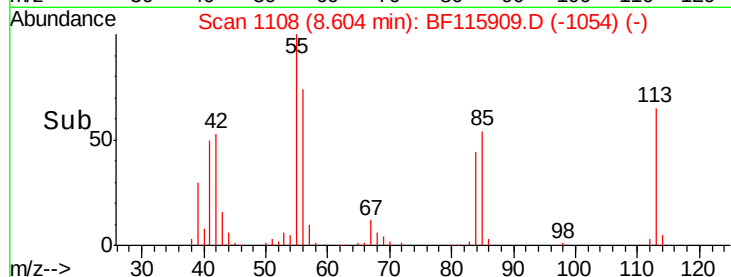
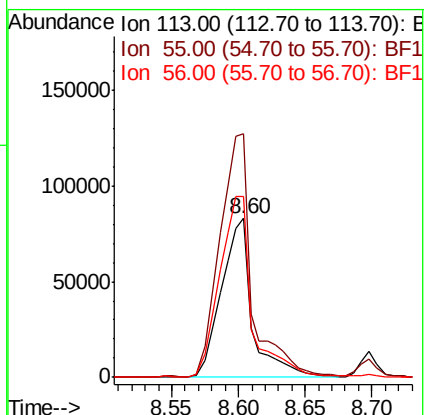
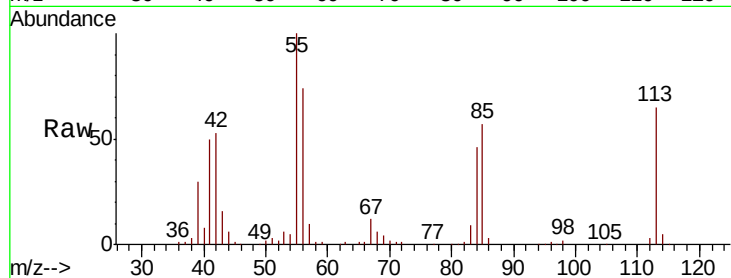




#35
Caprolactam
Concen: 41.364 ng
RT: 8.60 min Scan# 1108
Delta R.T. 0.02 min
Lab File: BF115909.D
Acq: 1 Aug 2019 16:28

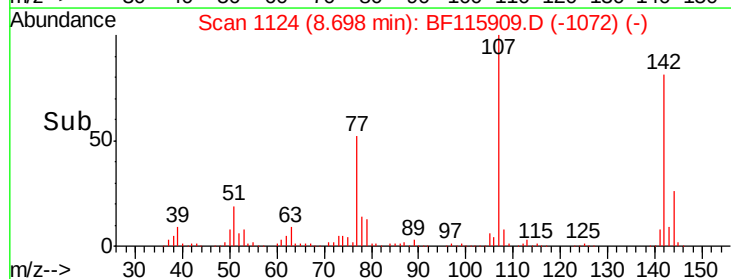
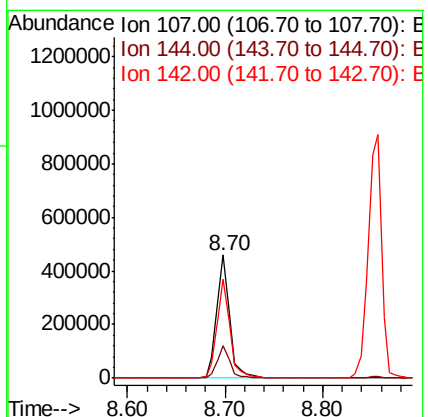
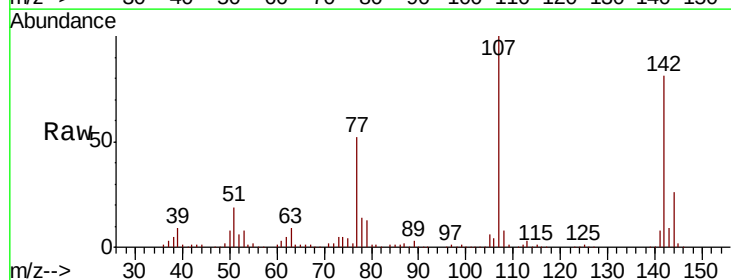
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

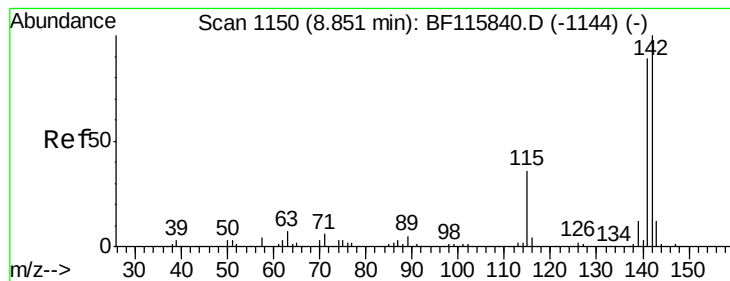
Tot Ion:113 Resp: 135838
Ion Ratio Lower Upper
113 100
55 153.1 138.1 178.1
56 113.9 100.6 140.6



#36
4-Chloro-3-methylphenol
Concen: 40.392 ng
RT: 8.70 min Scan# 1124
Delta R.T. 0.01 min
Lab File: BF115909.D
Acq: 1 Aug 2019 16:28

Tgt Ion:107 Resp: 426671
Ion Ratio Lower Upper
107 100
144 26.0 21.4 32.0
142 80.7 65.5 98.3





#37

2-Methylnaphthalene

Concen: 38.707 ng

RT: 8.86 min Scan# 1151

Delta R.T. 0.01 min

Lab File: BF115909.D

Acq: 1 Aug 2019 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

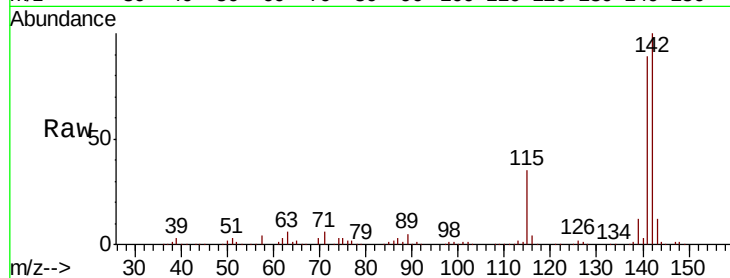
Tot Ion:142 Resp: 869585

Ion Ratio Lower Upper

142 100

141 89.5 71.4 107.2

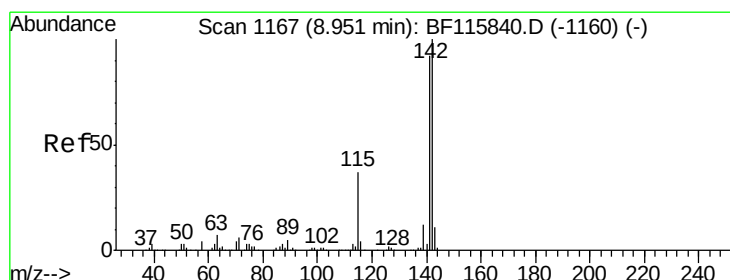
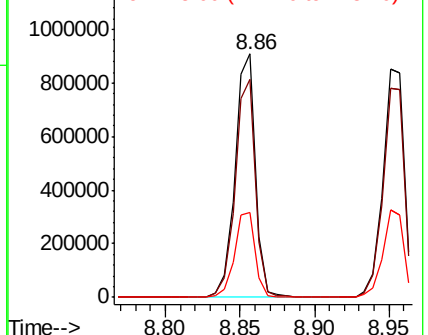
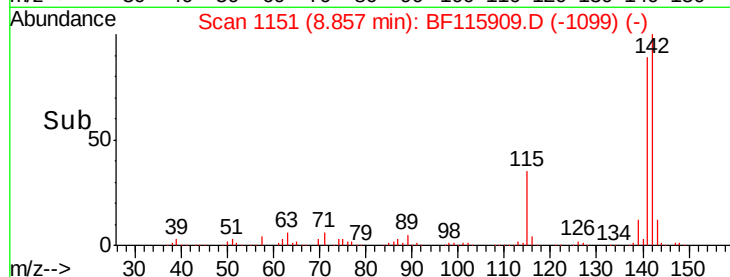
115 35.1 28.9 43.3



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: 39.096 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BF115909.D

Acq: 1 Aug 2019 16:28

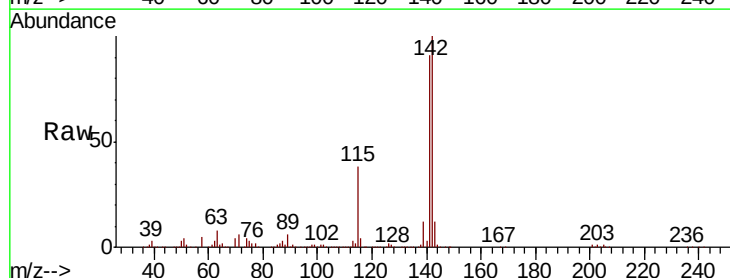
Tgt Ion:142 Resp: 830934

Ion Ratio Lower Upper

142 100

141 91.2 73.8 110.6

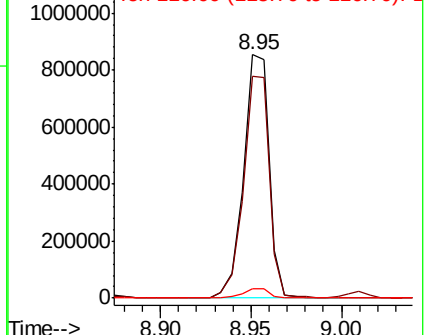
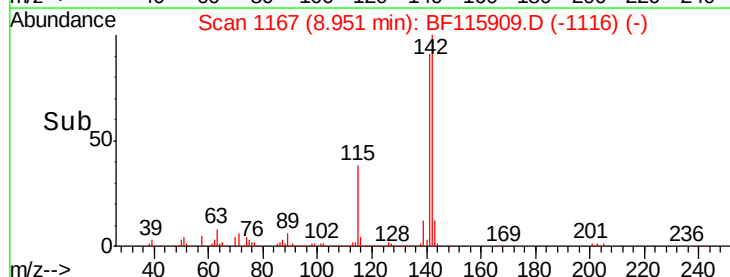
116 4.0 3.1 4.7

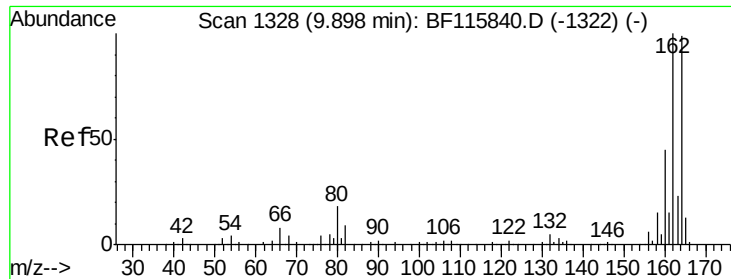


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

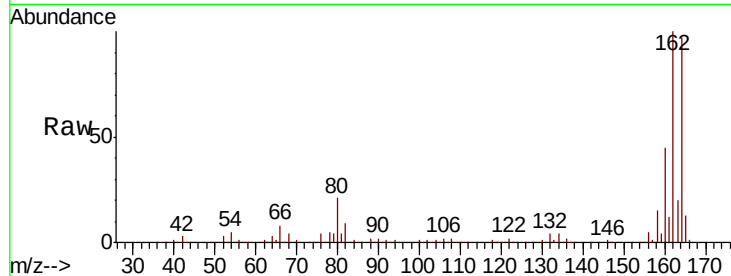




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BF115909.D
Acq: 1 Aug 2019 16:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.7	80.8	121.2
160	46.1	36.2	54.4

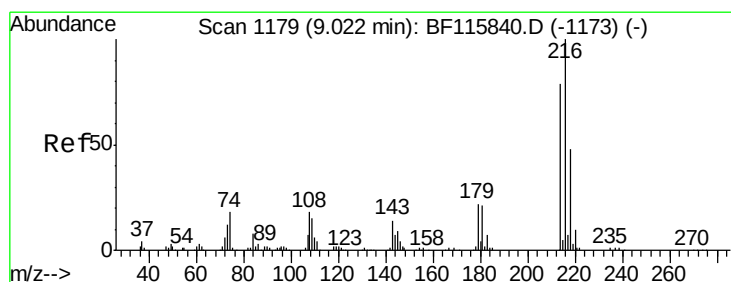
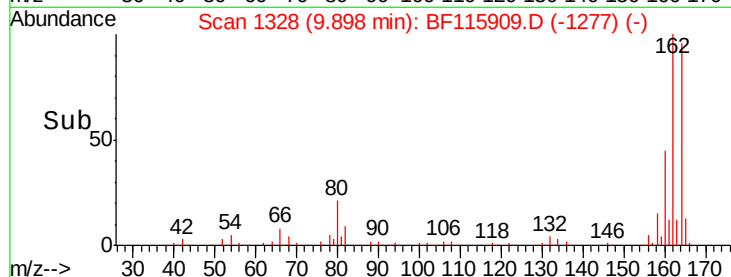
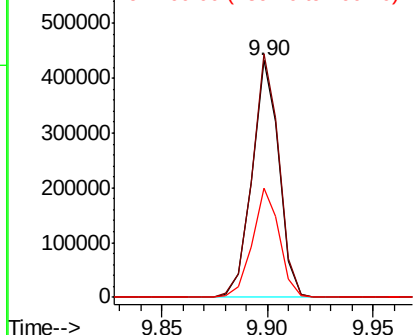


Abundance

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: 39.583 ng
RT: 9.02 min Scan# 1179
Delta R.T. -0.00 min
Lab File: BF115909.D
Acq: 1 Aug 2019 16:28

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.7	62.8	94.2
179	22.3	17.6	26.4
108	20.4	16.1	24.1

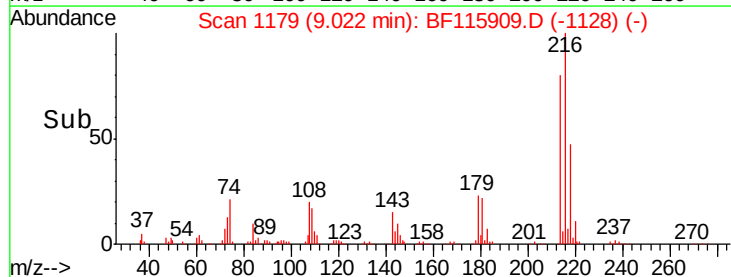
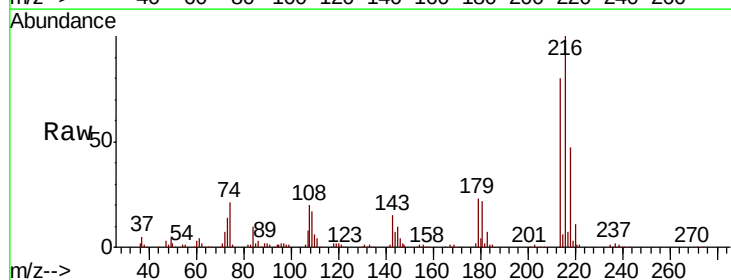
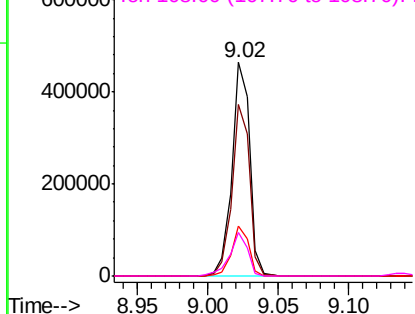
Abundance

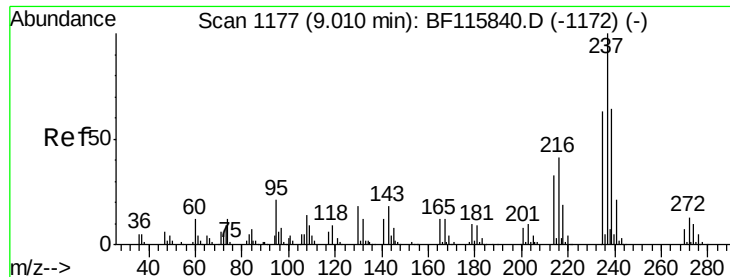
Ion 216.00 (215.70 to 216.70): E

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

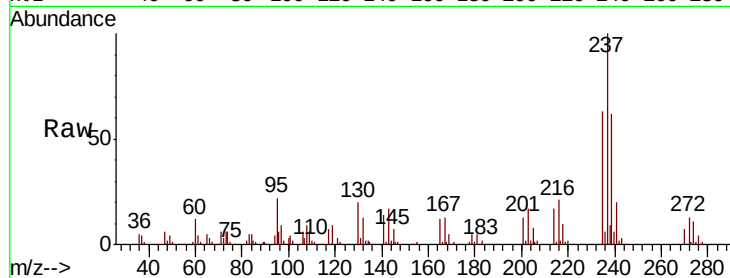




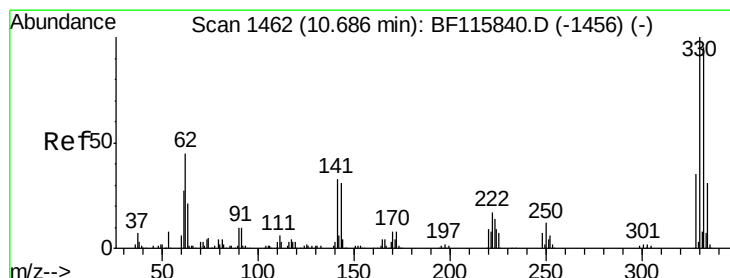
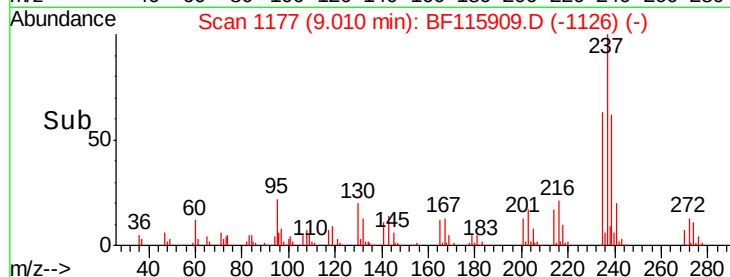
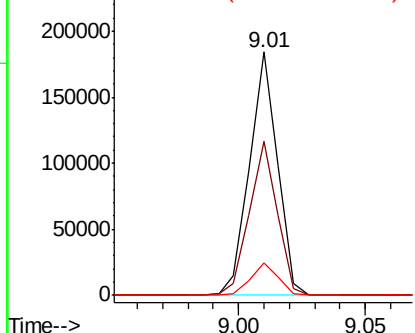
#41
Hexachlorocyclopentadiene
Concen: 34.470 ng
RT: 9.01 min Scan# 1177
Delta R.T. 0.00 min
Lab File: BF115909.D
Acq: 1 Aug 2019 16:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	237	Resp:	141739
Ion Ratio	Lower	Upper	
237	100		
235	63.3	42.5	82.5
272	13.3	0.0	33.3

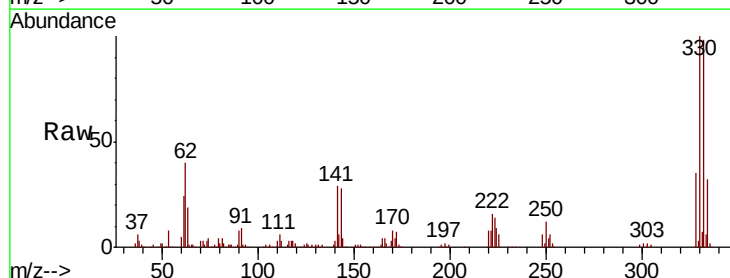


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

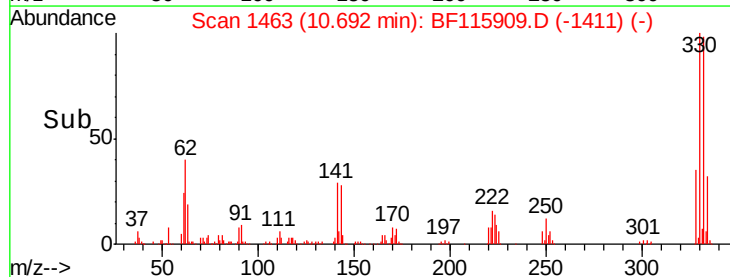
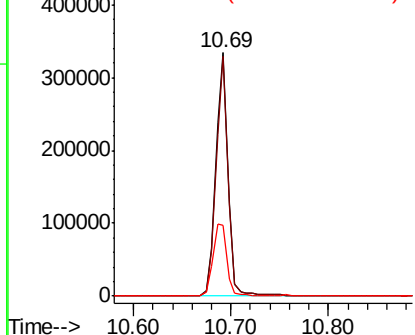


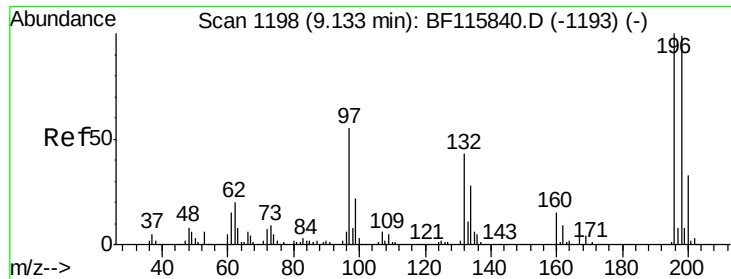
#42
2,4,6-Tribromophenol
Concen: 78.419 ng
RT: 10.69 min Scan# 1463
Delta R.T. 0.01 min
Lab File: BF115909.D
Acq: 1 Aug 2019 16:28

Tgt Ion:	330	Resp:	291241
Ion Ratio	Lower	Upper	
330	100		
332	96.3	77.7	116.5
141	33.4	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

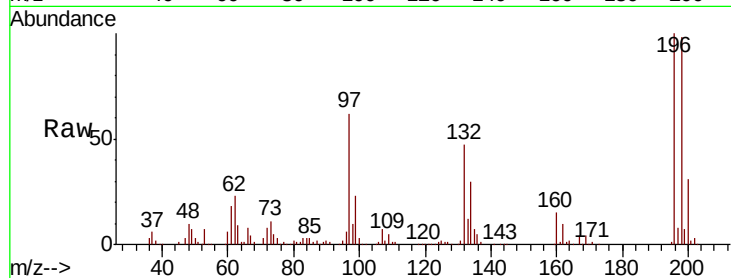




#43
 2,4,6-Trichlorophenol
 Concen: 40.183 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.00 min
 Lab File: BF115909.D
 Acq: 1 Aug 2019 16:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.6	79.1	118.7
200	30.7	26.0	39.0

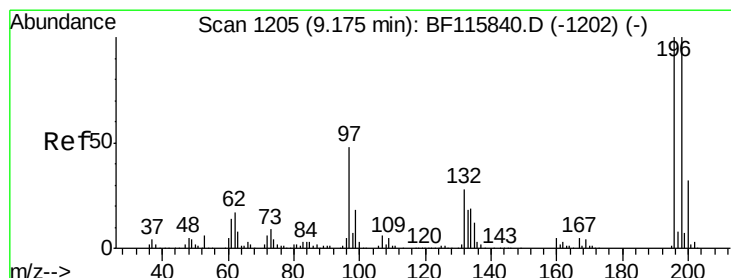
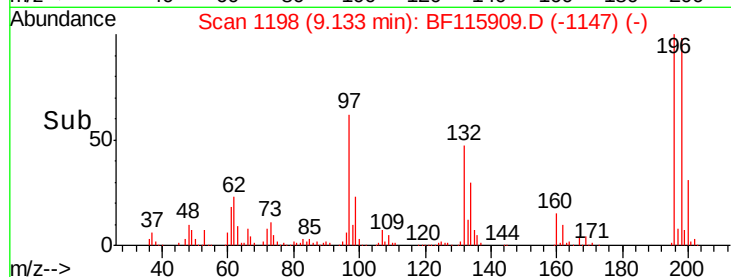
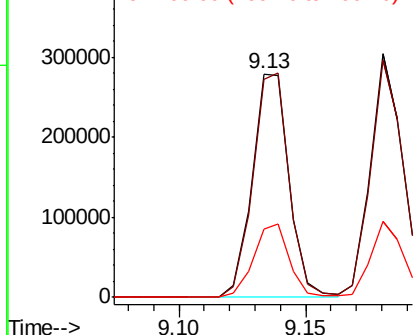


Abundance

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: 40.294 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BF115909.D
 Acq: 1 Aug 2019 16:28

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.4	80.1	120.1
97	51.4	38.9	58.3
132	29.5	22.6	33.8

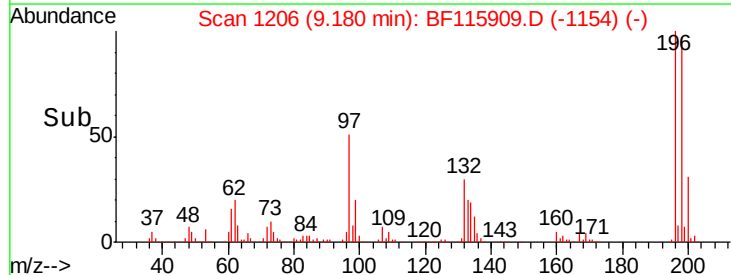
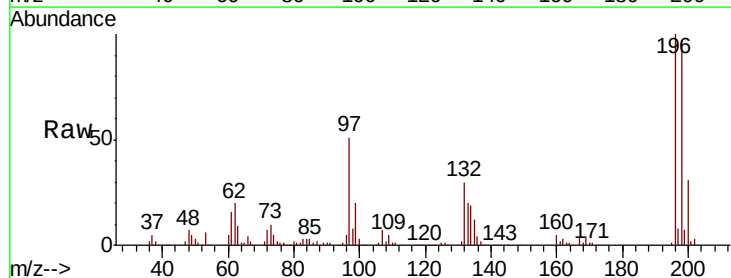
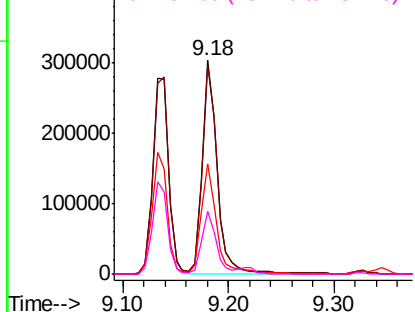
Abundance

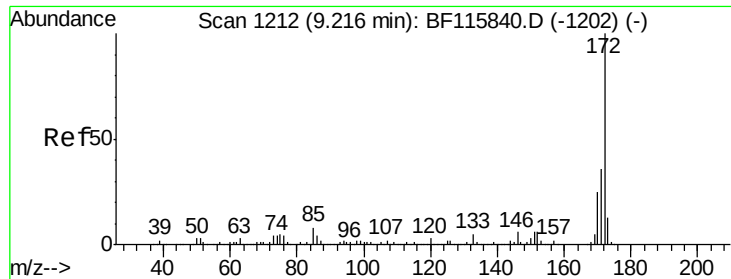
Ion 196.00 (195.70 to 196.70): E

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

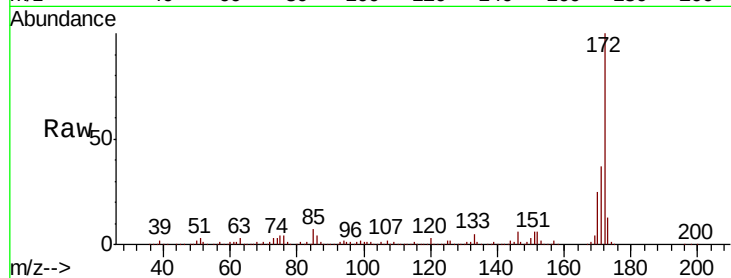




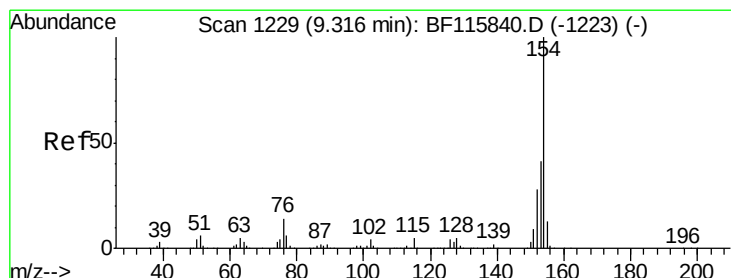
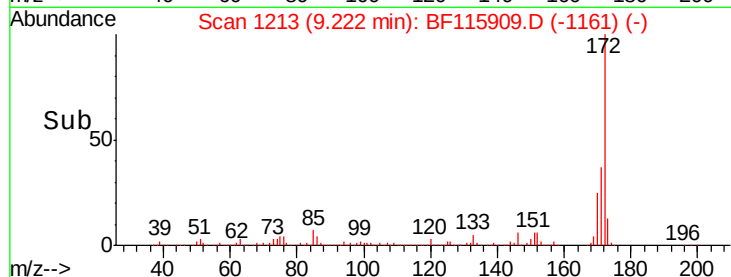
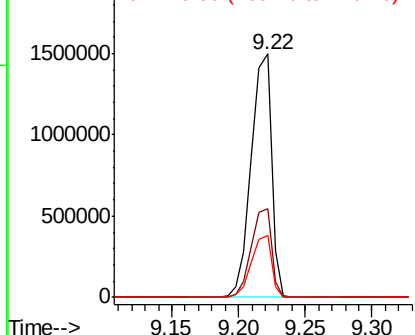
#45
2-Fluorobiphenyl
Concen: 76.444 ng
RT: 9.22 min Scan# 1213
Delta R.T. 0.01 min
Lab File: BF115909.D
Acq: 1 Aug 2019 16:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:172 Resp: 1563369
Ion Ratio Lower Upper
172 100
171 36.5 29.1 43.7
170 25.2 20.1 30.1

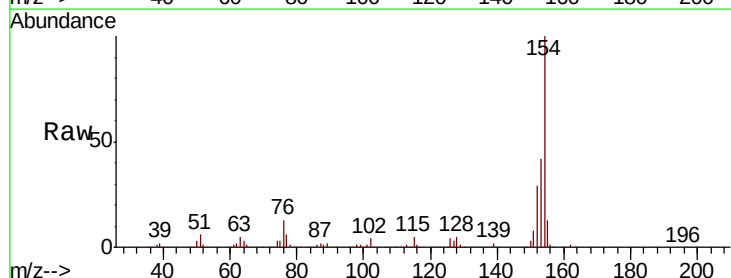


Abundance Ion 172.00 (171.70 to 172.70): E
2000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

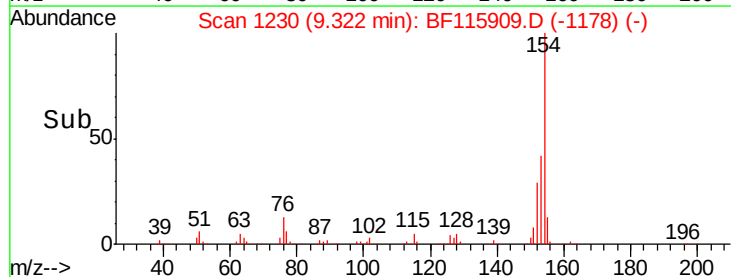
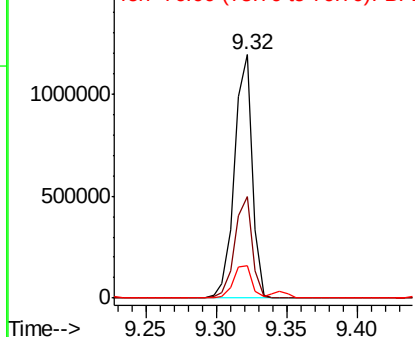


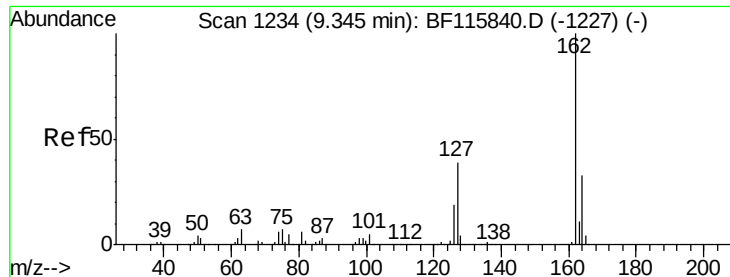
#46
1,1'-Biphenyl
Concen: 38.780 ng
RT: 9.32 min Scan# 1230
Delta R.T. 0.01 min
Lab File: BF115909.D
Acq: 1 Aug 2019 16:28

Tgt Ion:154 Resp: 1048777
Ion Ratio Lower Upper
154 100
153 41.8 20.9 60.9
76 13.5 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

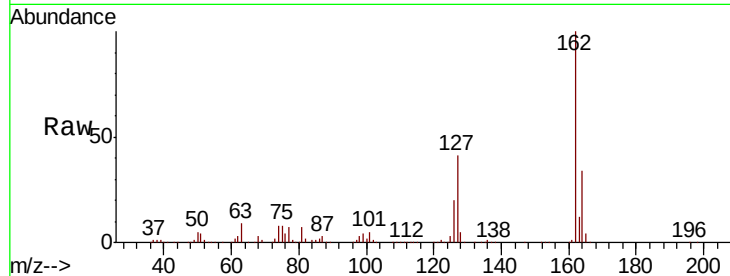




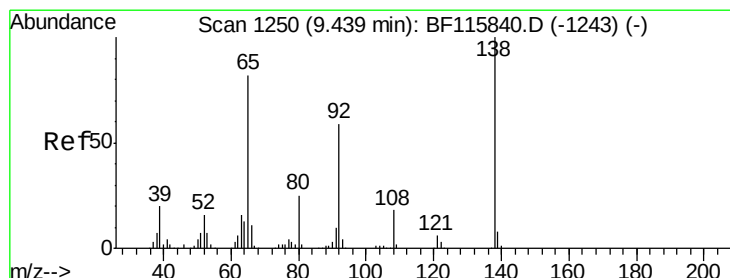
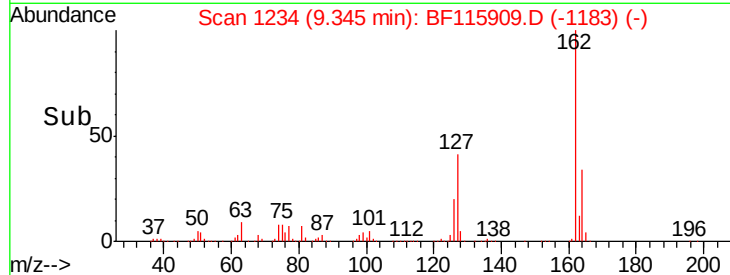
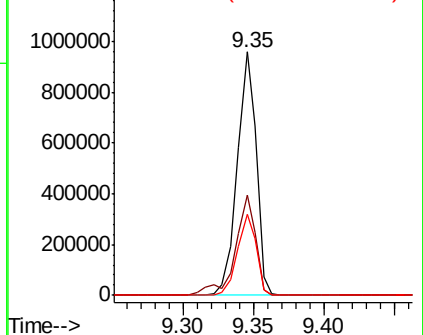
#47
 2-Chloronaphthalene
 Concen: 39.710 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. -0.00 min
 Lab File: BF115909.D
 Acq: 1 Aug 2019 16:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.9	31.3	46.9
164	33.5	26.6	40.0

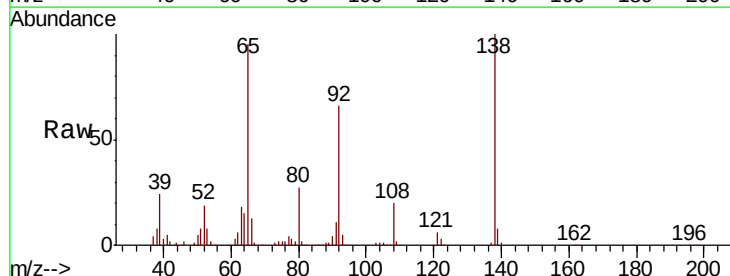


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

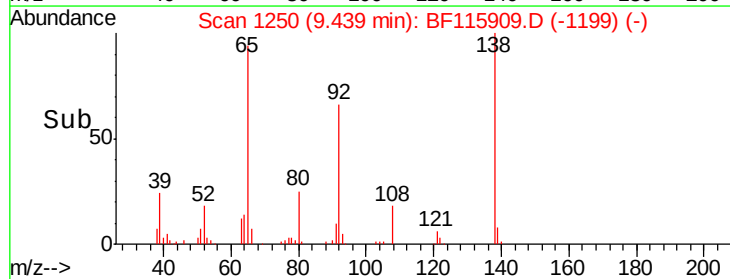
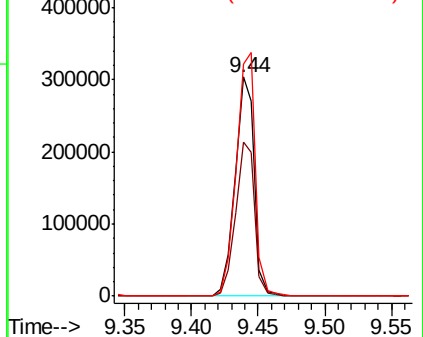


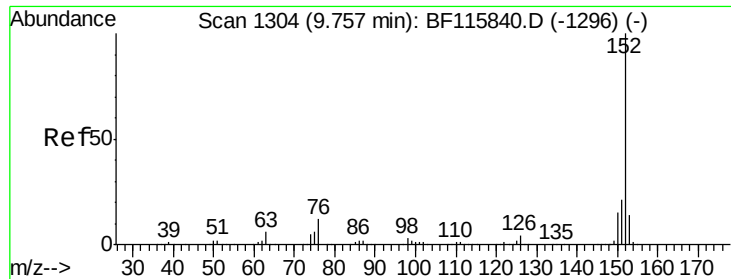
#48
 2-Nitroaniline
 Concen: 41.113 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. -0.00 min
 Lab File: BF115909.D
 Acq: 1 Aug 2019 16:28

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.3	57.1	85.7
138	105.7	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: 39.428 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.01 min

Lab File: BF115909.D

Acq: 1 Aug 2019 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

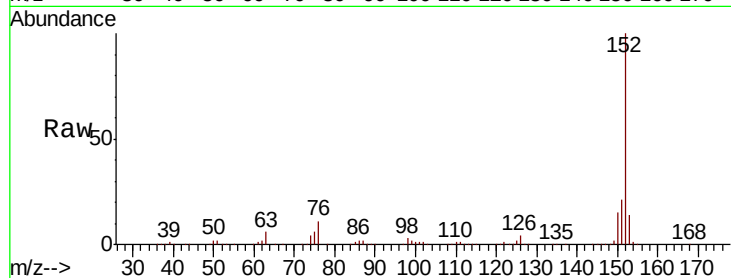
Tot Ion:152 Resp: 1294747

Ion Ratio Lower Upper

152 100

151 21.1 16.8 25.2

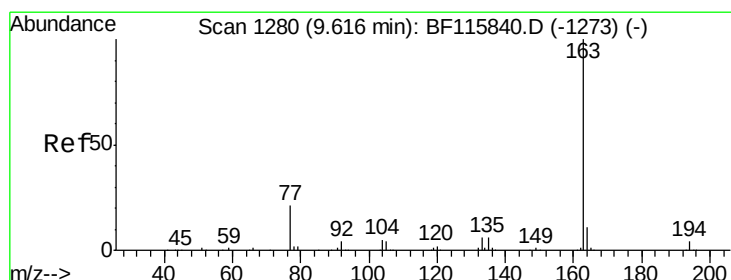
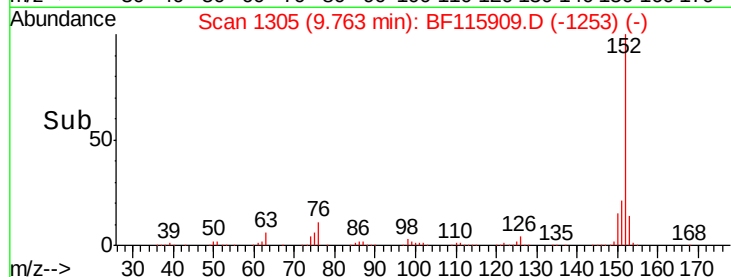
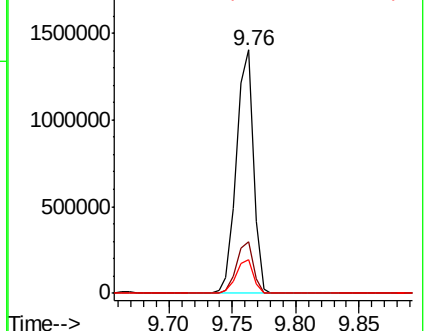
153 14.0 11.6 17.4



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: 40.225 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.01 min

Lab File: BF115909.D

Acq: 1 Aug 2019 16:28

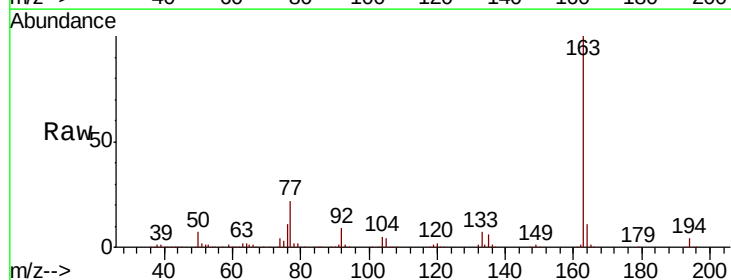
Tgt Ion:163 Resp: 1049179

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

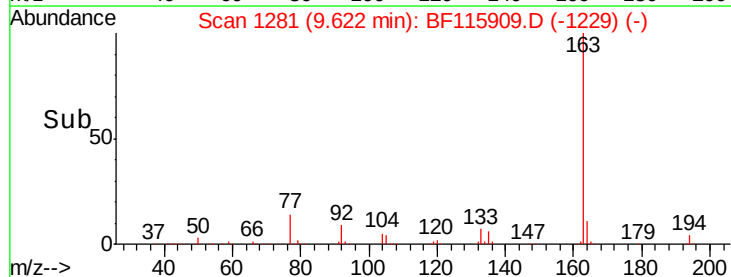
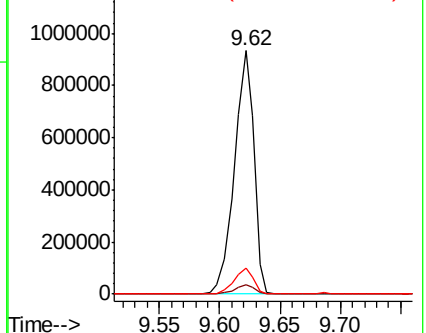
164 10.5 8.4 12.6

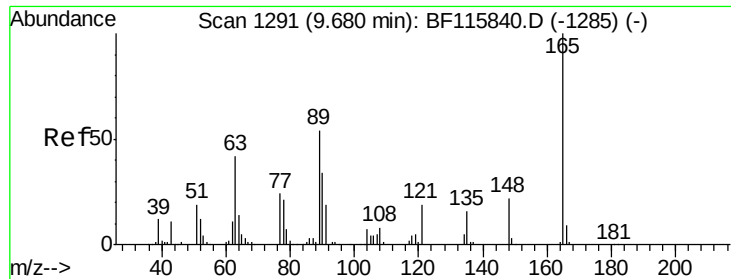


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

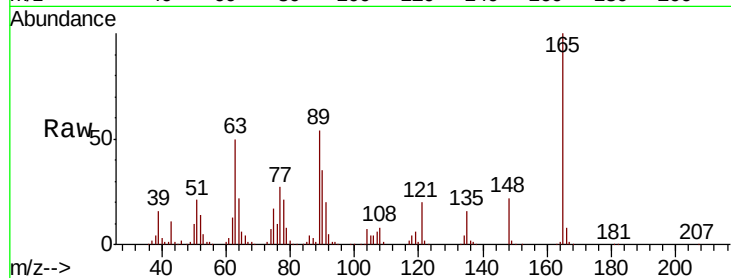




#51
 2,6-Dinitrotoluene
 Concen: 40.338 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. 0.01 min
 Lab File: BF115909.D
 Acq: 1 Aug 2019 16:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	49.7	39.4	59.2
89	54.1	43.0	64.6

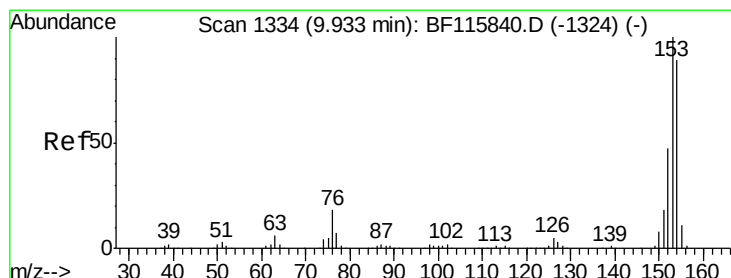
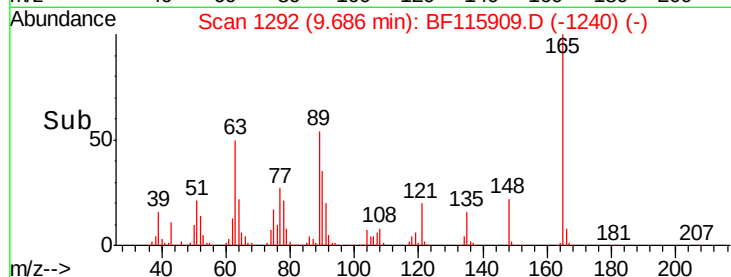
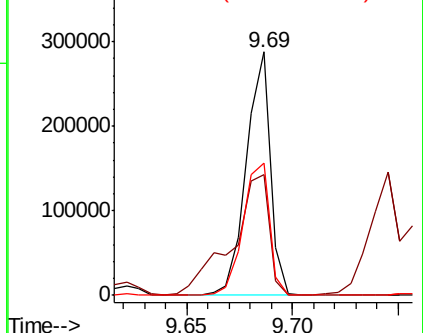


Abundance

Ion 165.00 (164.70 to 165.70): E

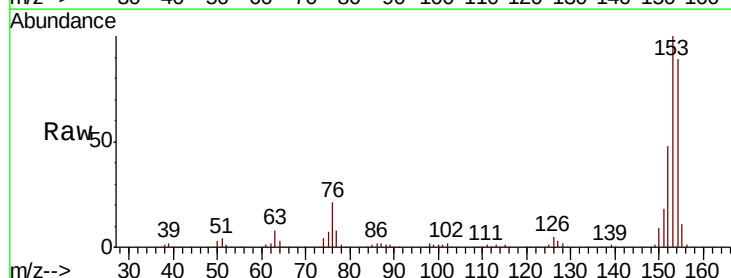
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52
 Acenaphthene
 Concen: 38.859 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: BF115909.D
 Acq: 1 Aug 2019 16:28

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.0	90.1	135.1
152	54.1	42.6	63.8

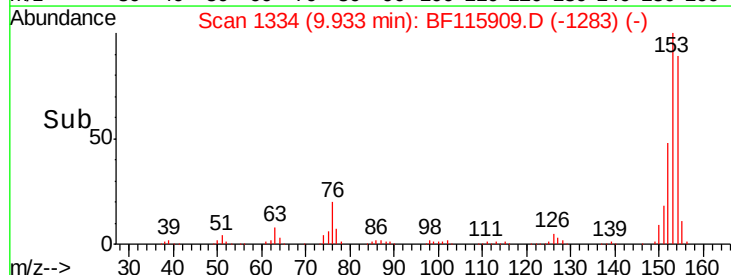
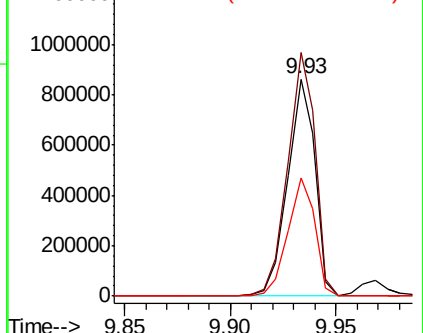


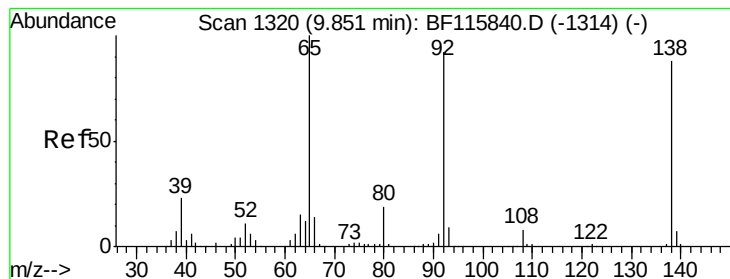
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 40.667 ng

RT: 9.86 min Scan# 1321

Delta R.T. 0.01 min

Lab File: BF115909.D

Acq: 1 Aug 2019 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

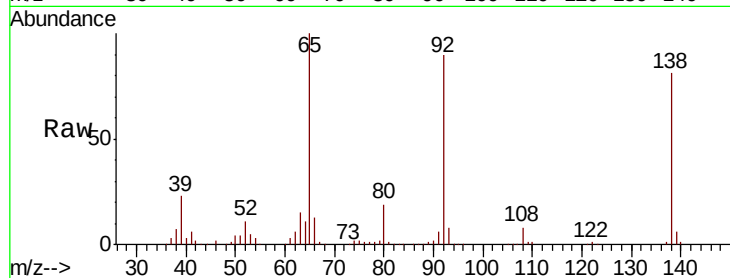
Tot Ion:138 Resp: 284819

Ion Ratio Lower Upper

138 100

108 10.1 7.4 11.2

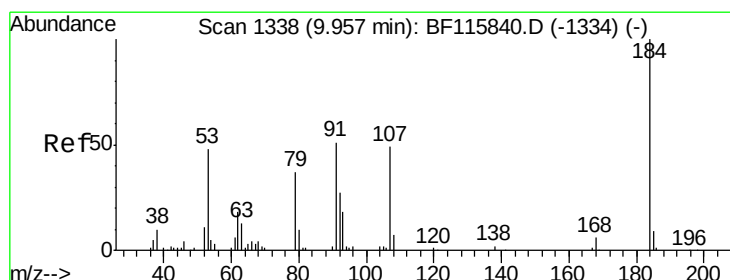
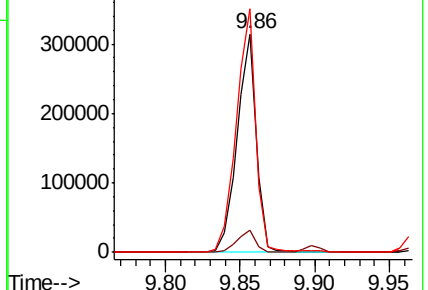
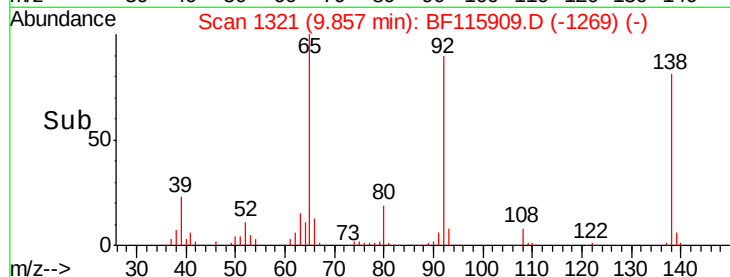
92 111.4 83.9 125.9



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: 38.080 ng

RT: 9.97 min Scan# 1340

Delta R.T. 0.01 min

Lab File: BF115909.D

Acq: 1 Aug 2019 16:28

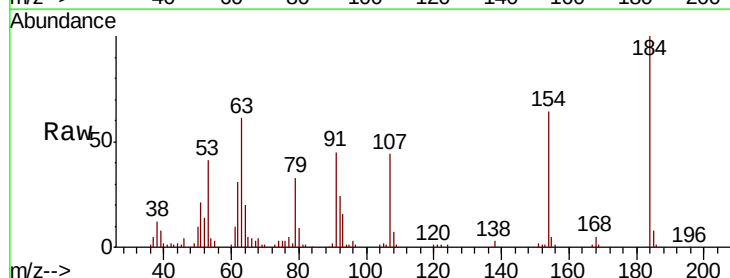
Tgt Ion:184 Resp: 96702

Ion Ratio Lower Upper

184 100

63 61.1 56.7 85.1

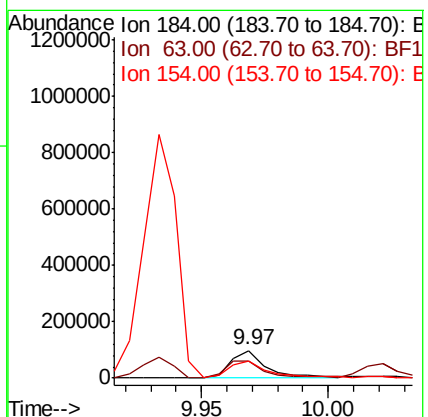
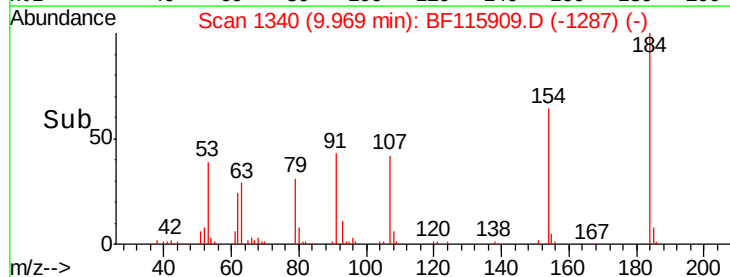
154 63.7 51.9 77.9

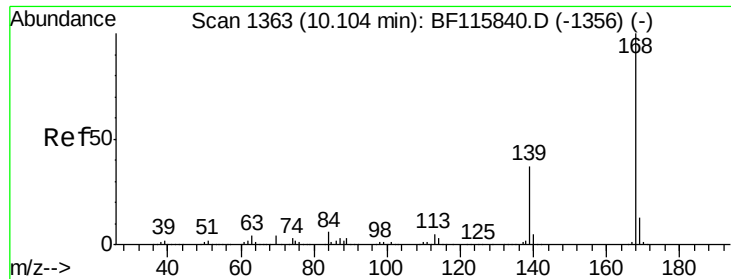


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

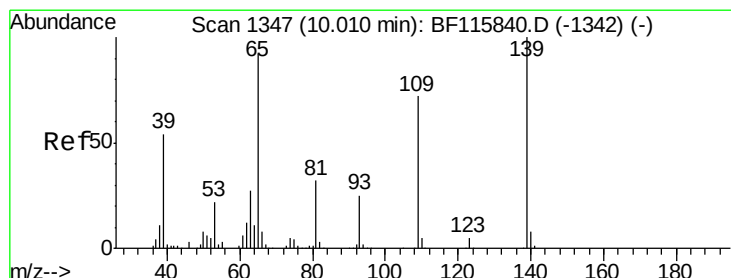
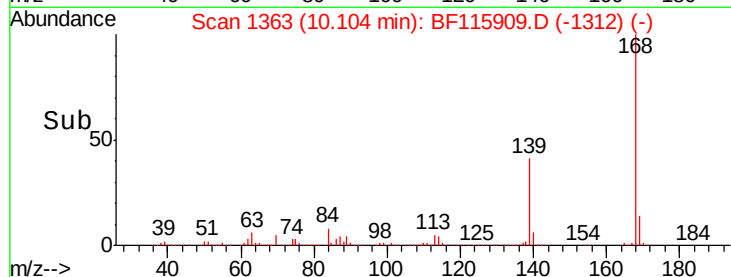
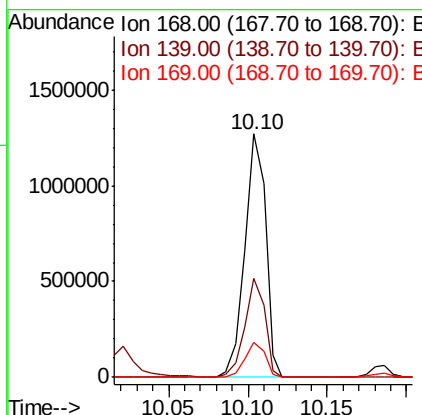
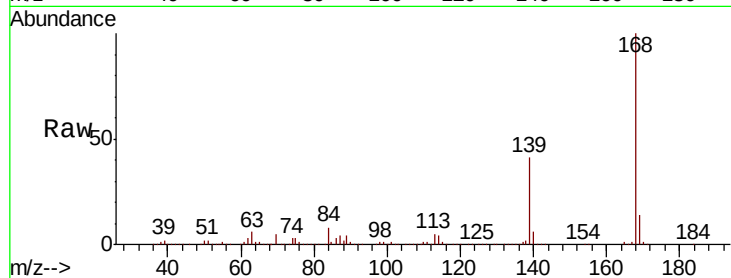




#55
Dibenzofuran
Concen: 39.474 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.00 min
Lab File: BF115909.D
Acq: 1 Aug 2019 16:28

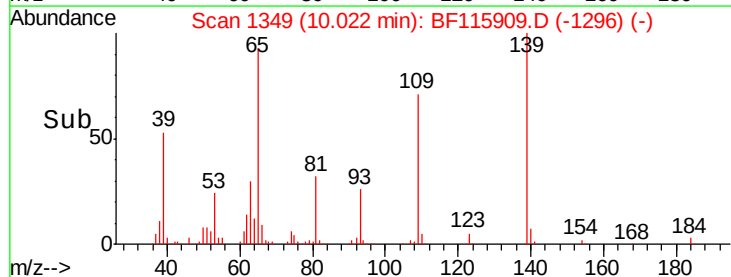
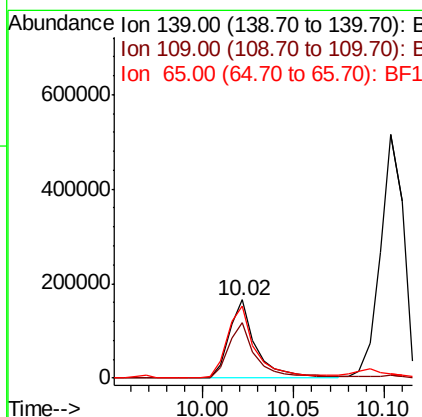
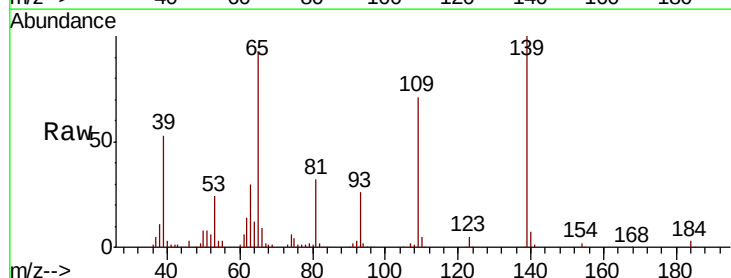
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

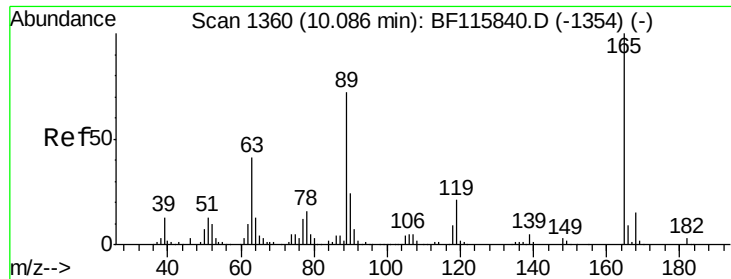
Tot Ion:168 Resp: 1156494
Ion Ratio Lower Upper
168 100
139 40.6 30.2 45.2
169 14.3 10.8 16.2



#56
4-Nitrophenol
Concen: 38.763 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF115909.D
Acq: 1 Aug 2019 16:28

Tgt Ion:139 Resp: 173913
Ion Ratio Lower Upper
139 100
109 71.0 52.0 92.0
65 92.7 72.6 112.6





#57

2,4-Dinitrotoluene

Concen: 40.056 ng

RT: 10.09 min Scan# 1361

Delta R.T. 0.01 min

Lab File: BF115909.D

Acq: 1 Aug 2019 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:165 Resp: 302291

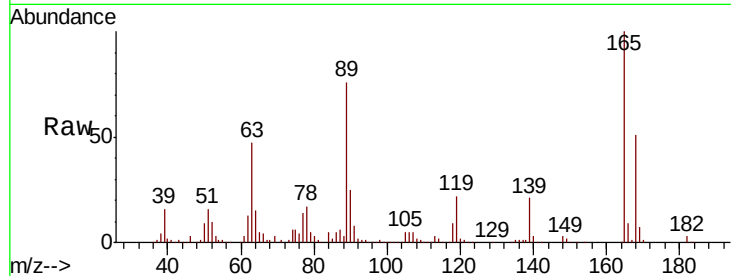
Ion Ratio Lower Upper

165 100

63 46.6 33.2 49.8

89 75.8 57.3 85.9

182 2.5 2.1 3.1

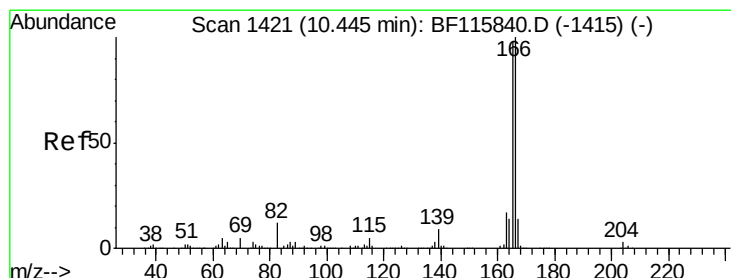
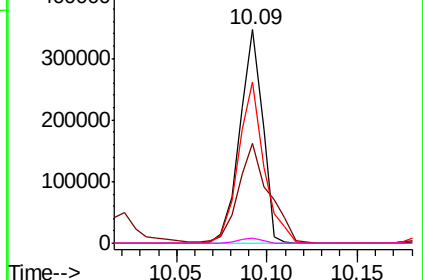
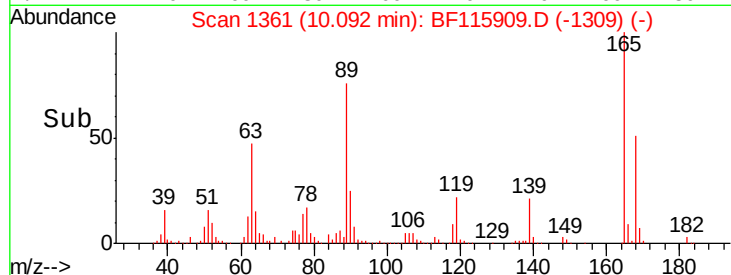


Abundance Ion 165.00 (164.70 to 165.70): E

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: 39.153 ng

RT: 10.45 min Scan# 1422

Delta R.T. 0.01 min

Lab File: BF115909.D

Acq: 1 Aug 2019 16:28

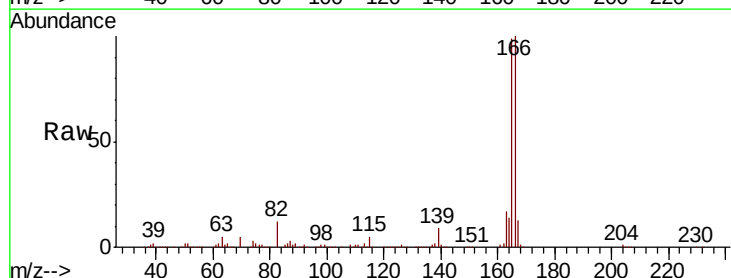
Tgt Ion:166 Resp: 882541

Ion Ratio Lower Upper

166 100

165 98.7 78.6 118.0

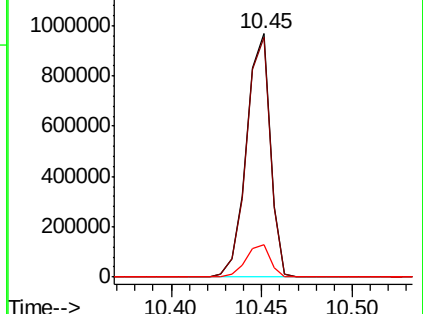
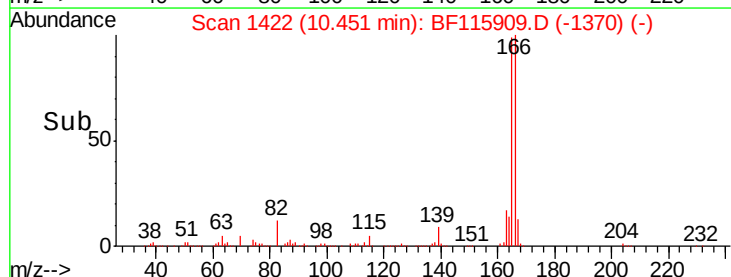
167 13.4 10.9 16.3

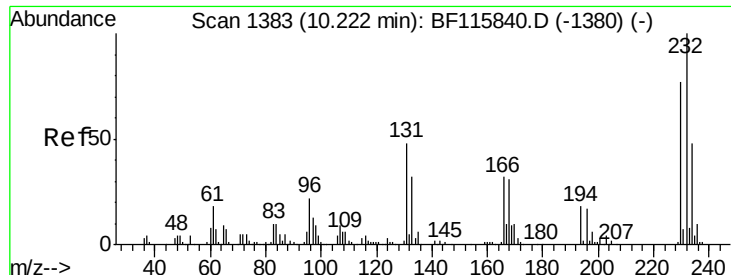


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

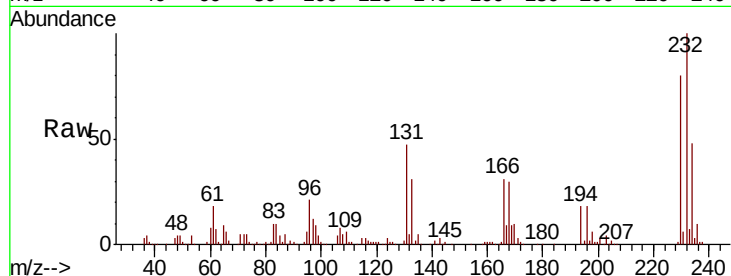




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.620 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. 0.01 min
 Lab File: BF115909.D
 Acq: 1 Aug 2019 16:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.1	37.6	56.4
130	2.3	1.8	2.8
166	30.2	24.6	37.0



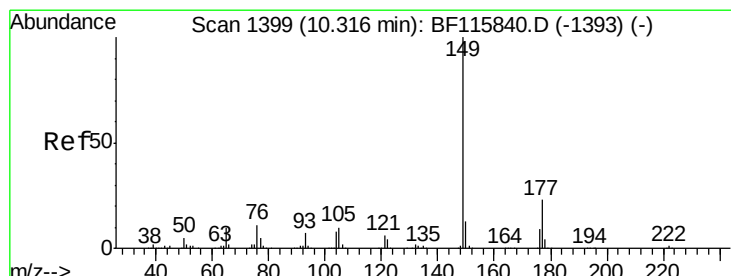
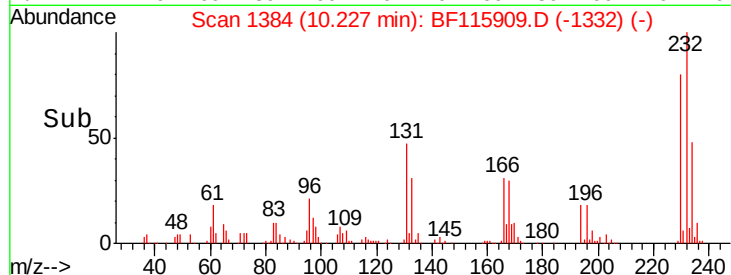
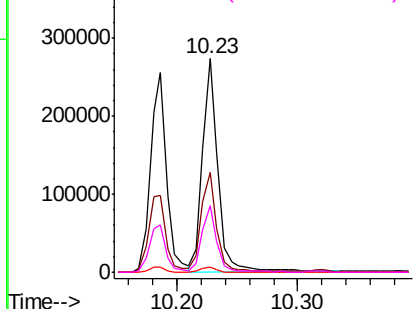
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

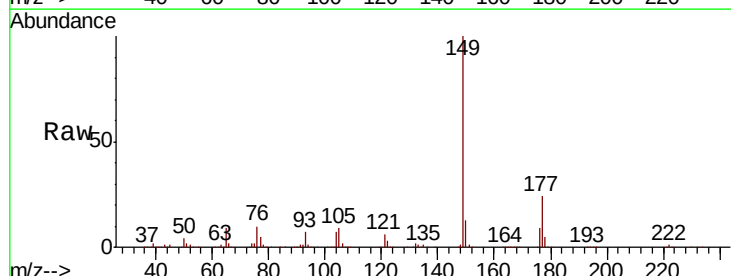
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 39.266 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. 0.01 min
 Lab File: BF115909.D
 Acq: 1 Aug 2019 16:28

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.8	18.4	27.6
150	12.7	10.1	15.1

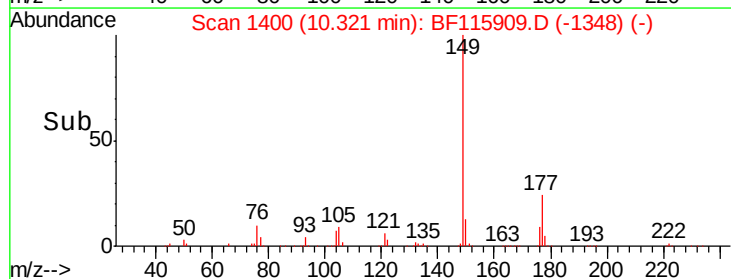
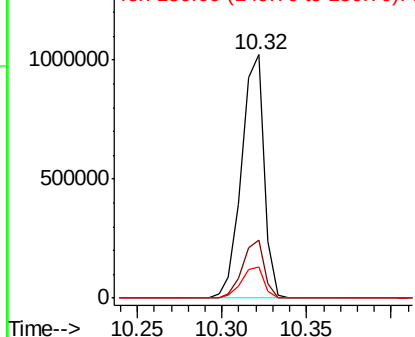


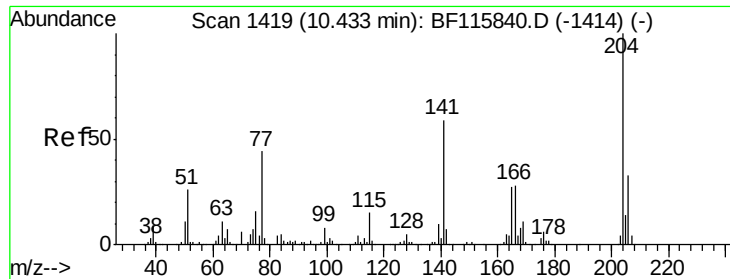
Abundance

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

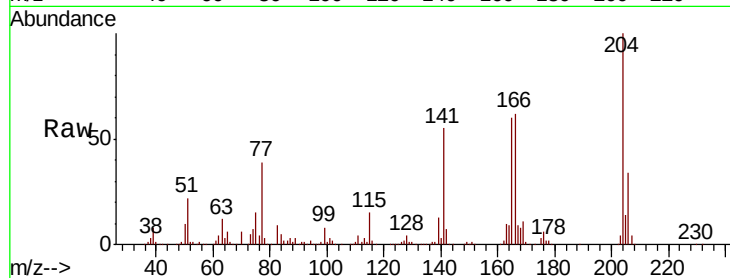




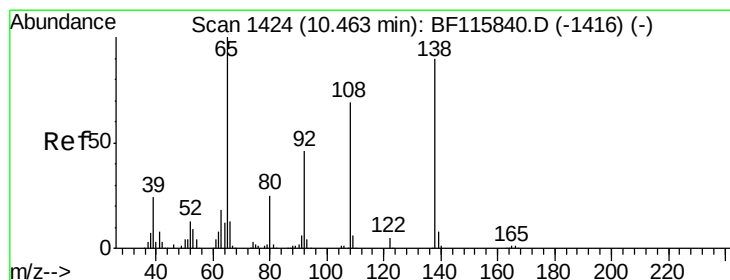
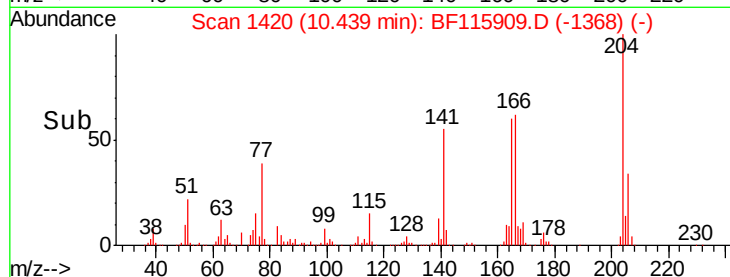
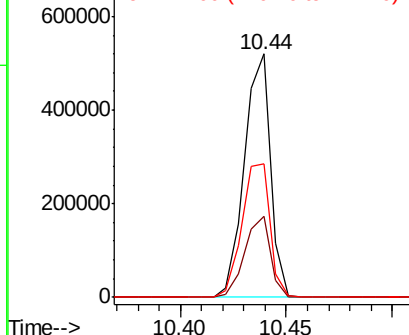
#61
4-Chlorophenyl-phenylether
Concen: 39.145 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.01 min
Lab File: BF115909.D
Acq: 1 Aug 2019 16:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:204 Resp: 446872
Ion Ratio Lower Upper
204 100
206 33.6 26.4 39.6
141 55.0 47.0 70.4

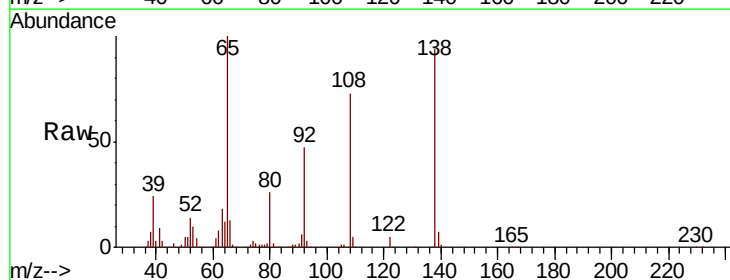


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

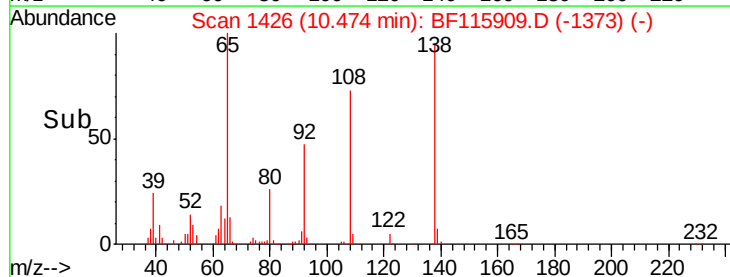
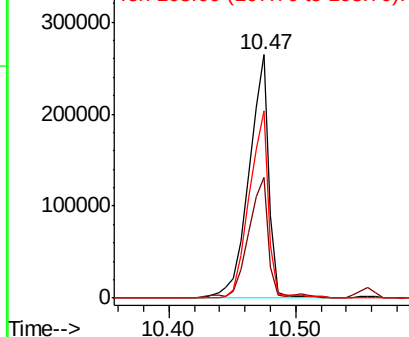


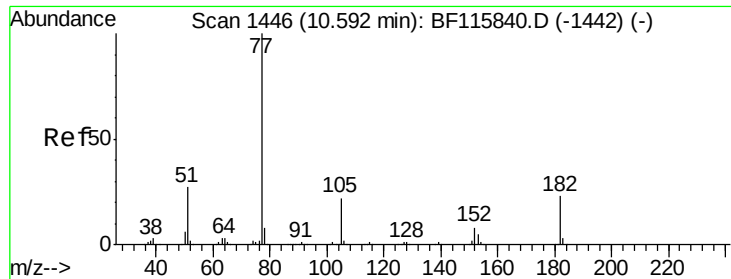
#62
4-Nitroaniline
Concen: 40.157 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.01 min
Lab File: BF115909.D
Acq: 1 Aug 2019 16:28

Tgt Ion:138 Resp: 290656
Ion Ratio Lower Upper
138 100
92 49.4 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: 39.044 ng

RT: 10.60 min Scan# 1447

Delta R.T. 0.01 min

Lab File: BF115909.D

Acq: 1 Aug 2019 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 977927

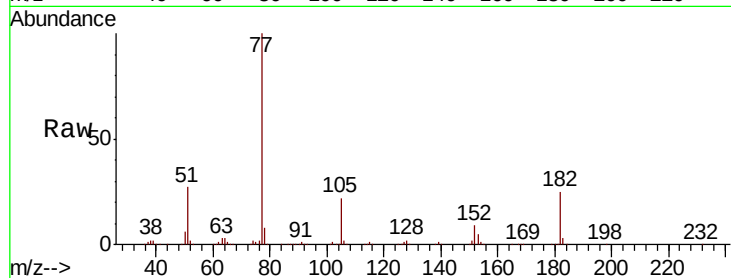
Ion Ratio Lower Upper

77 100

182 25.0 2.6 42.6

105 22.3 1.6 41.6

51 27.3 7.4 47.4

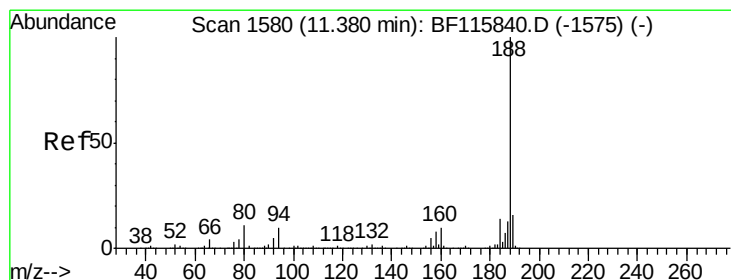
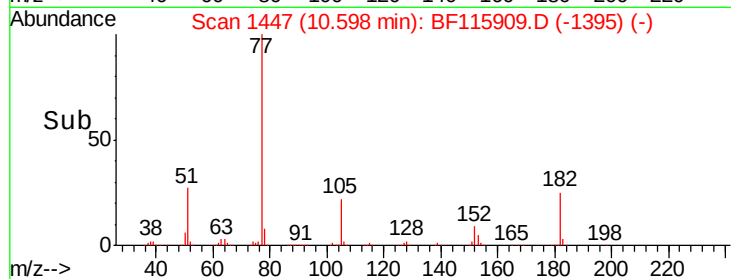
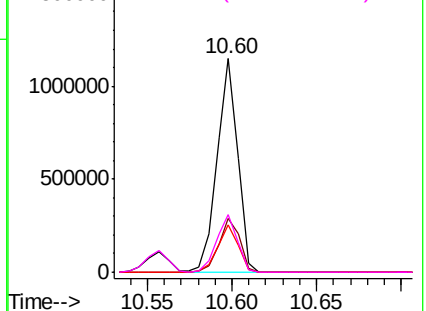


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF115909.D

Acq: 1 Aug 2019 16:28

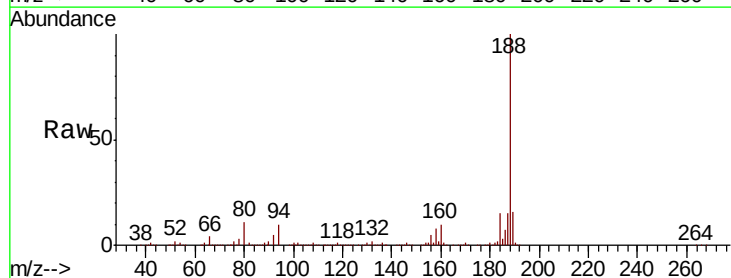
Tgt Ion: 188 Resp: 661886

Ion Ratio Lower Upper

188 100

94 9.6 8.0 12.0

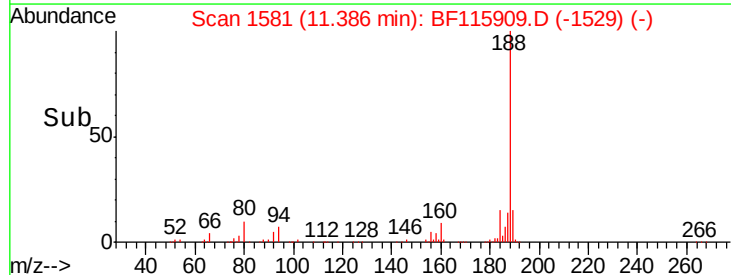
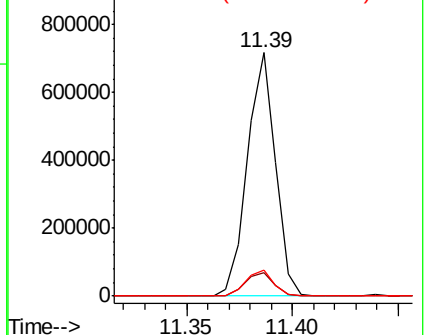
80 10.8 8.6 12.8

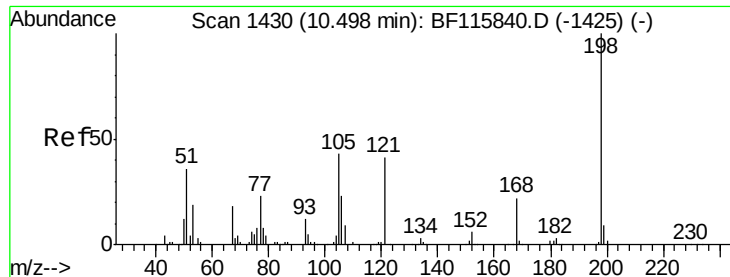


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

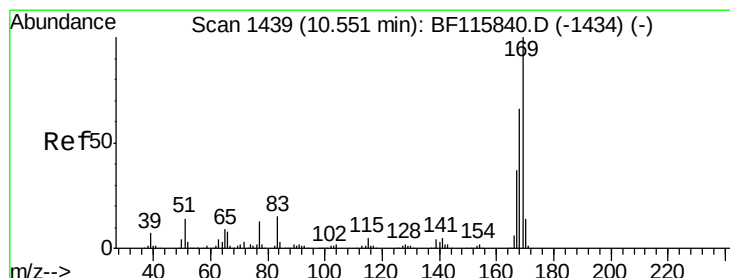
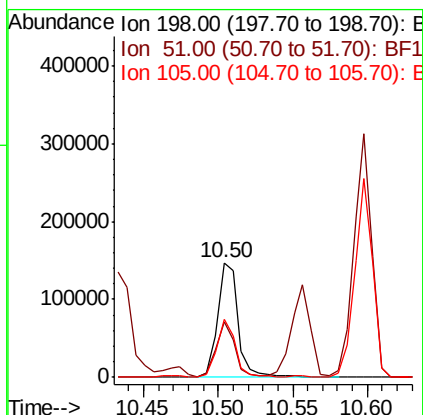
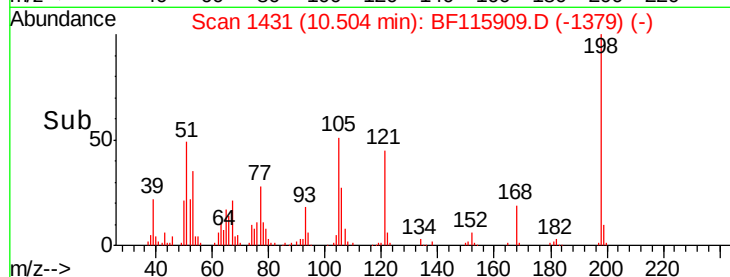
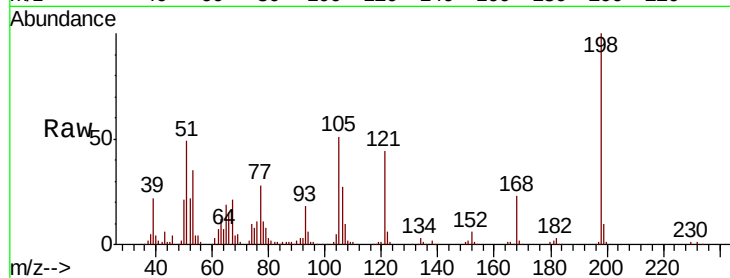




#65
4,6-Dinitro-2-methylphenol
Concen: 40.737 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BF115909.D
Acq: 1 Aug 2019 16:28

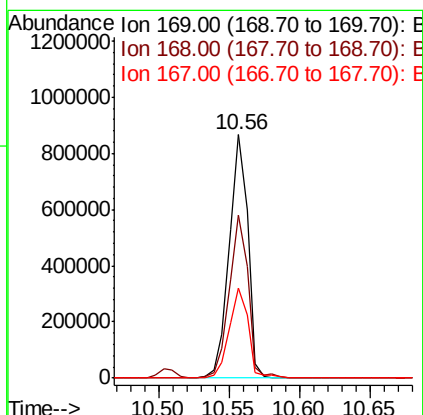
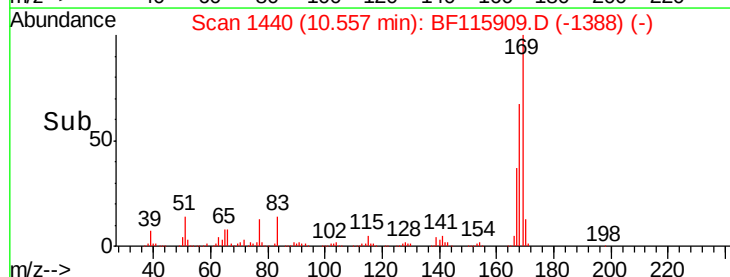
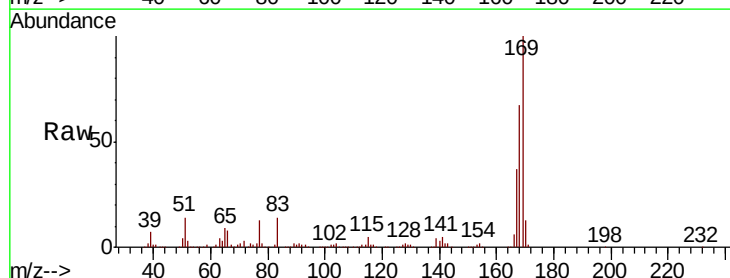
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

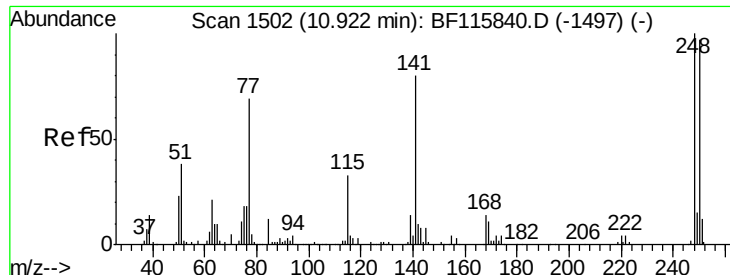
Tot Ion:198 Resp: 142886
Ion Ratio Lower Upper
198 100
51 48.8 21.1 61.1
105 50.7 24.5 64.5



#66
n-Nitrosodiphenylamine
Concen: 39.879 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.01 min
Lab File: BF115909.D
Acq: 1 Aug 2019 16:28

Tgt Ion:169 Resp: 794479
Ion Ratio Lower Upper
169 100
168 66.7 53.0 79.6
167 37.0 29.9 44.9

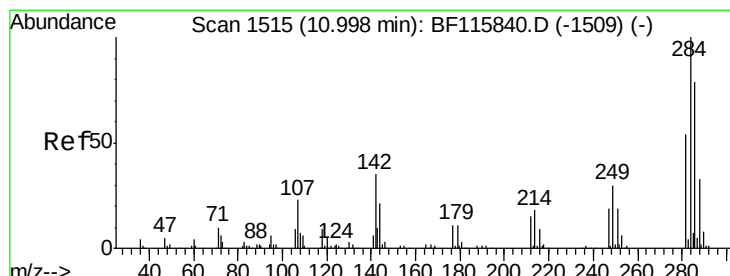
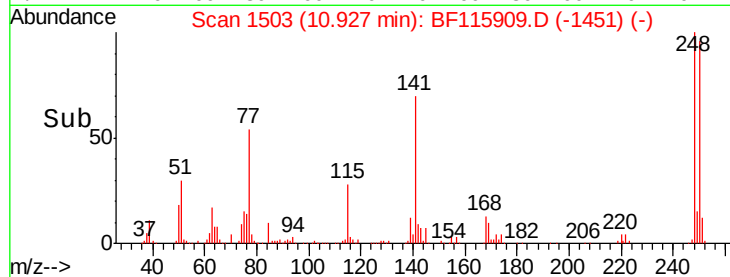
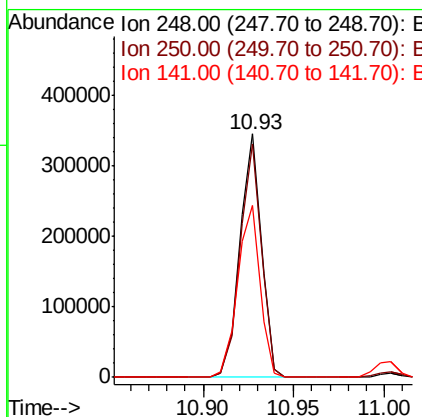
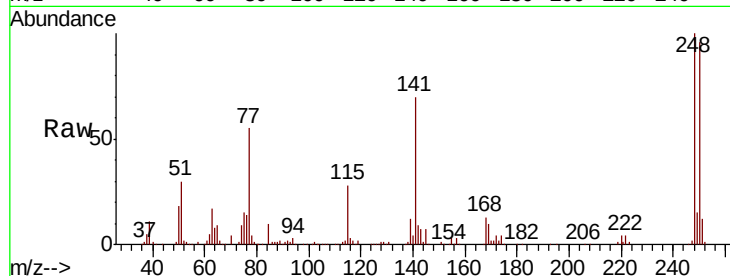




#67
 4-Bromophenyl-phenylether
 Concen: 40.181 ng
 RT: 10.93 min Scan# 1503
 Delta R.T. 0.01 min
 Lab File: BF115909.D
 Acq: 1 Aug 2019 16:28

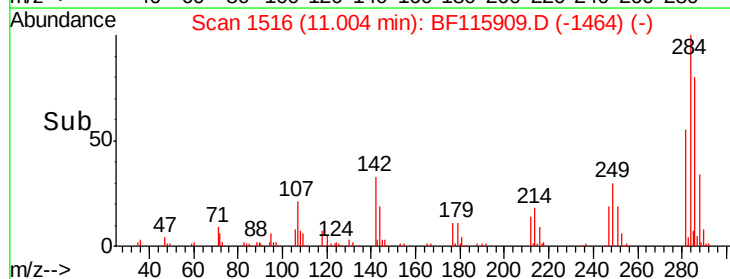
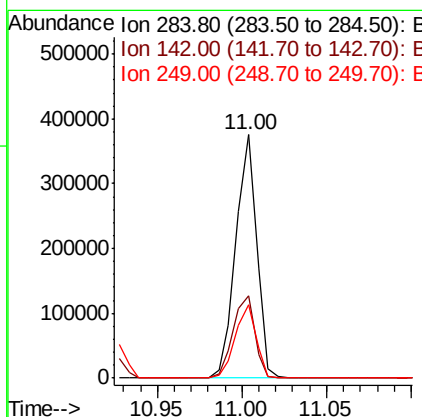
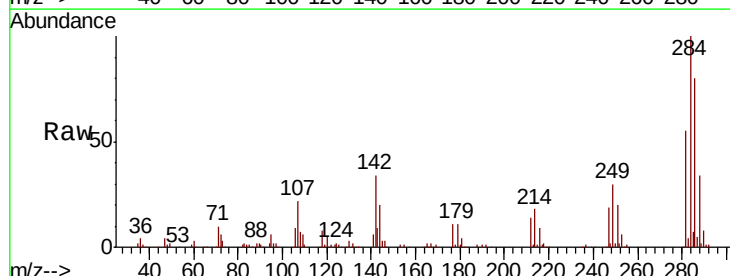
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

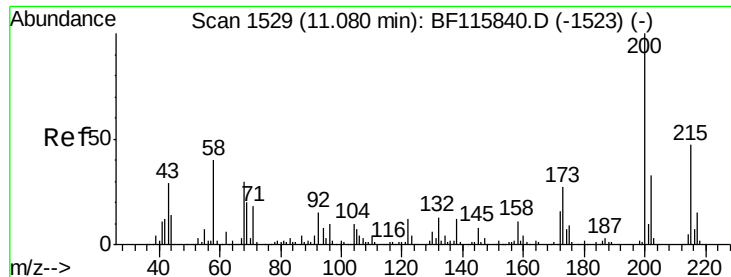
Tot	Ion:248	Resp:	284699
Ion	Ratio	Lower	Upper
248	100		
250	96.0	77.8	116.6
141	70.4	64.3	96.5



#68
 Hexachlorobenzene
 Concen: 39.511 ng
 RT: 11.00 min Scan# 1516
 Delta R.T. 0.01 min
 Lab File: BF115909.D
 Acq: 1 Aug 2019 16:28

Tgt	Ion:284	Resp:	323723
Ion	Ratio	Lower	Upper
284	100		
142	33.9	28.2	42.2
249	30.4	24.0	36.0

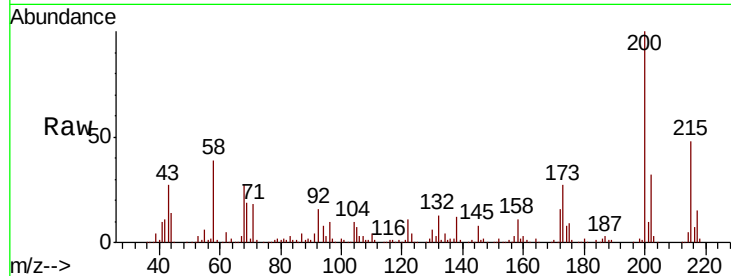




#69
 Atrazine
 Concen: 39.455 ng
 RT: 11.09 min Scan# 1530
 Delta R.T. 0.01 min
 Lab File: BF115909.D
 Acq: 1 Aug 2019 16:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.8	7.3	47.3
215	48.4	26.9	66.9

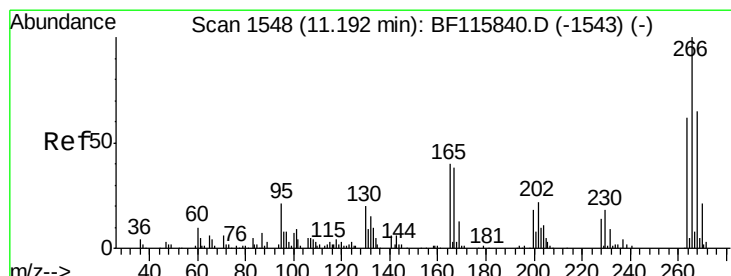
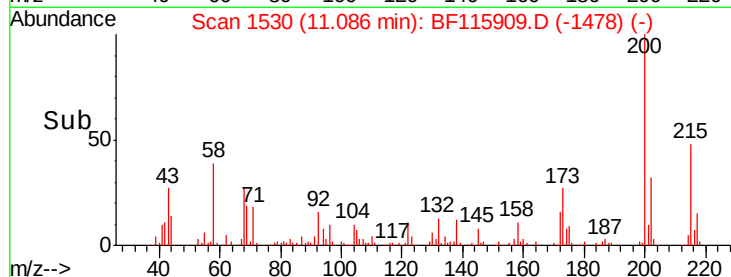
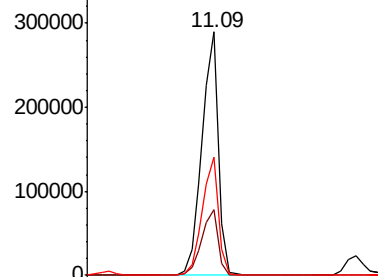


Abundance

Ion 200.00 (199.70 to 200.70): E

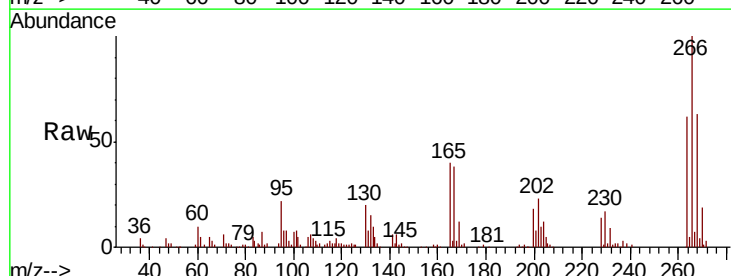
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 40.097 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. 0.01 min
 Lab File: BF115909.D
 Acq: 1 Aug 2019 16:28

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.7	51.6	77.4
264	62.0	49.4	74.0

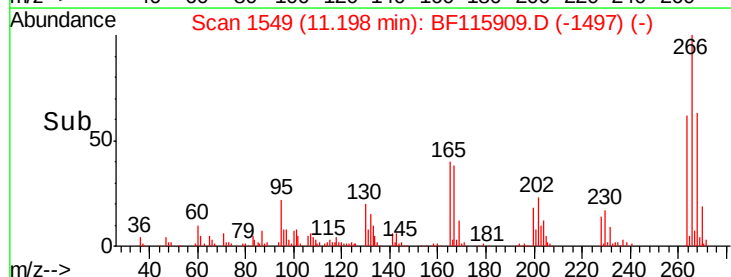
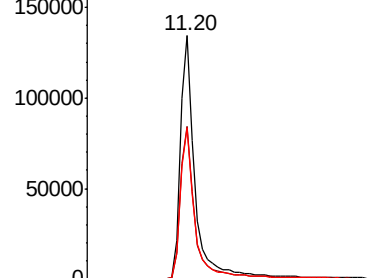


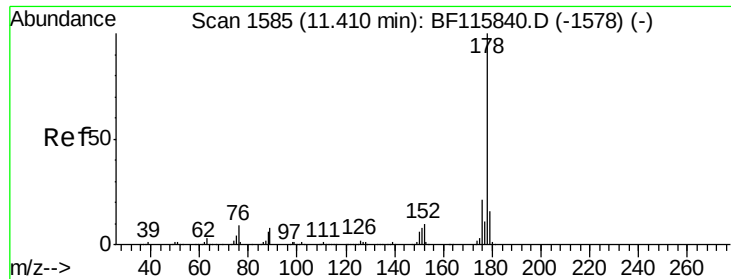
Abundance

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: 39.662 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BF115909.D

Acq: 1 Aug 2019 16:28

Instrument :

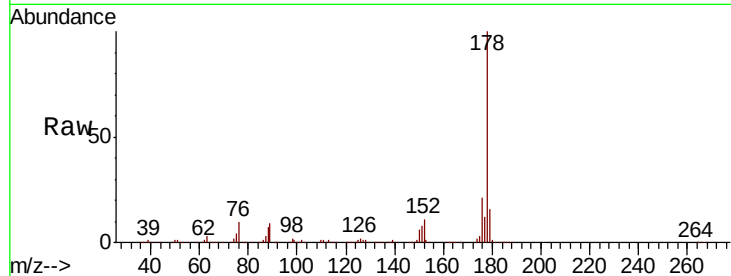
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 1342055

Ion	Ratio	Lower	Upper
178	100		
176	21.0	16.5	24.7
179	16.5	12.6	18.8

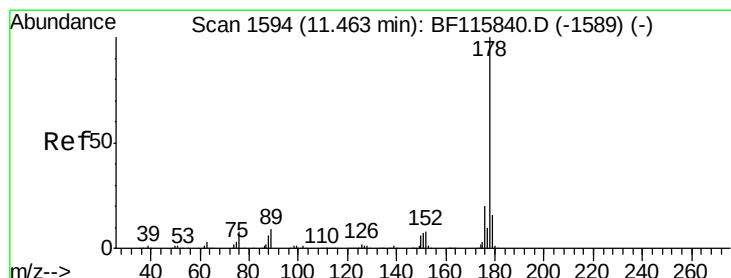
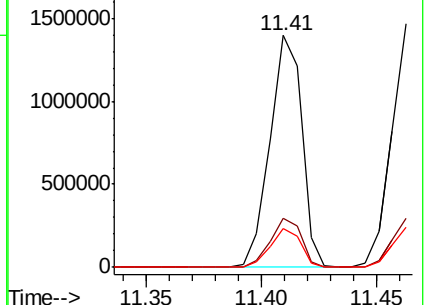
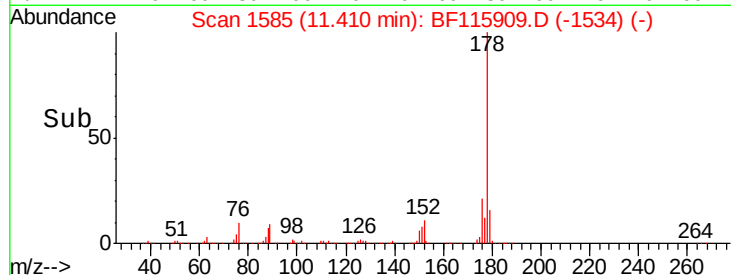


Abundance

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: 39.544 ng

RT: 11.46 min Scan# 1594

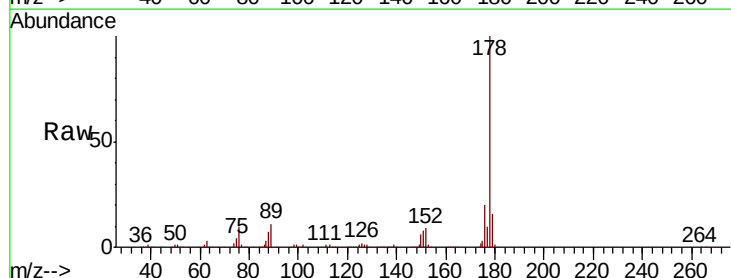
Delta R.T. -0.00 min

Lab File: BF115909.D

Acq: 1 Aug 2019 16:28

Tgt Ion:178 Resp: 1354166

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.7	23.5
179	16.2	12.4	18.6

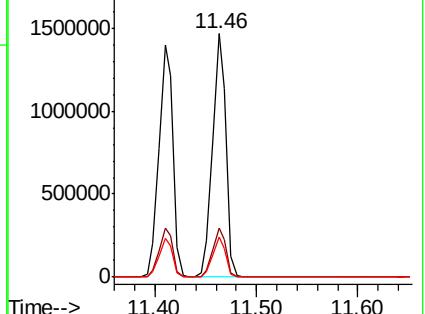
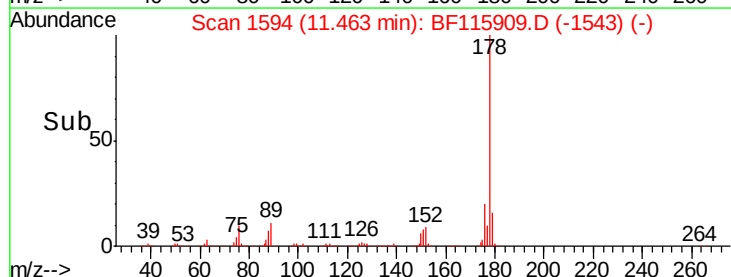


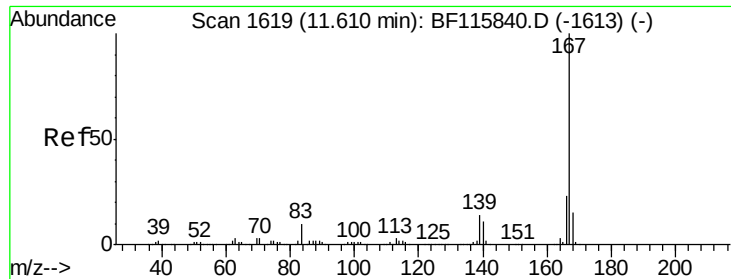
Abundance

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

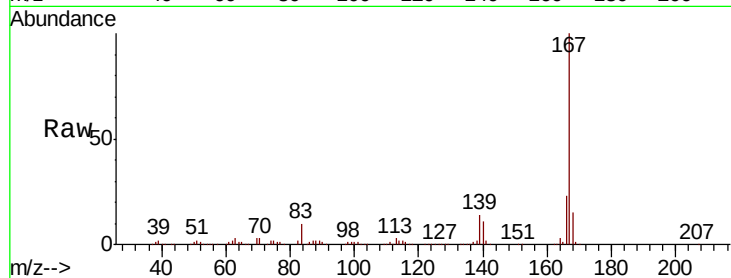




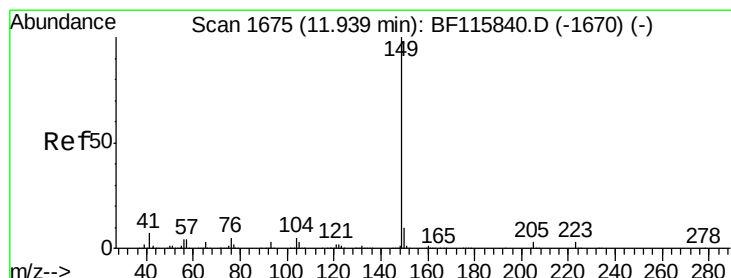
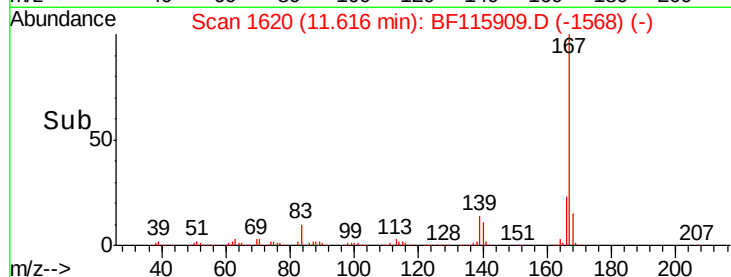
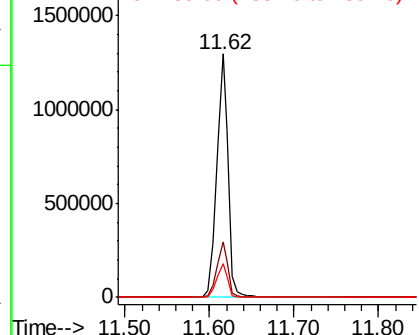
#73
 Carbazole
 Concen: 40.196 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. 0.01 min
 Lab File: BF115909.D
 Acq: 1 Aug 2019 16:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:167 Resp: 1248814
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.0 27.0
 139 14.0 11.4 17.2

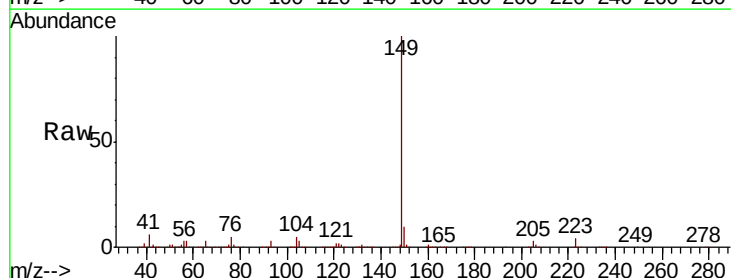


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

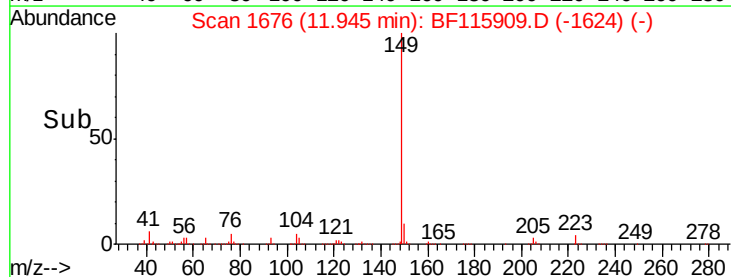
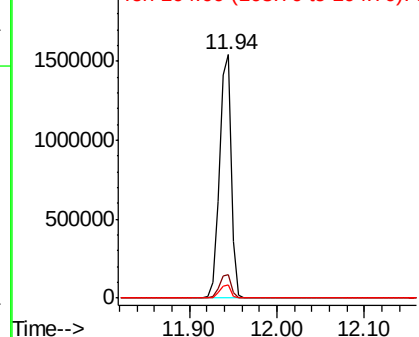


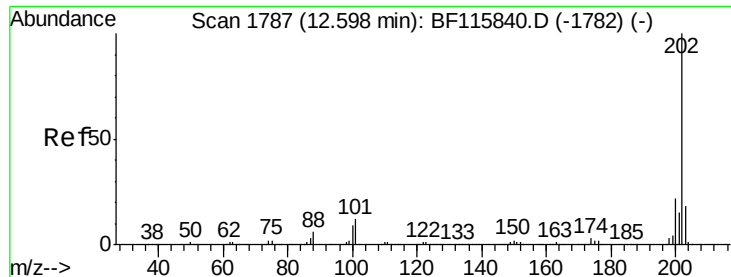
#74
 Di-n-butylphthalate
 Concen: 39.532 ng
 RT: 11.94 min Scan# 1676
 Delta R.T. 0.01 min
 Lab File: BF115909.D
 Acq: 1 Aug 2019 16:28

Tgt Ion:149 Resp: 1432743
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.7 11.5
 104 5.2 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E

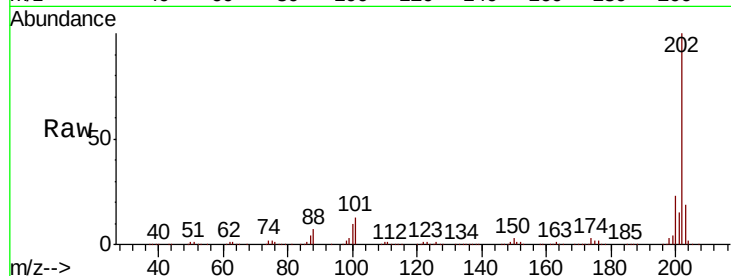




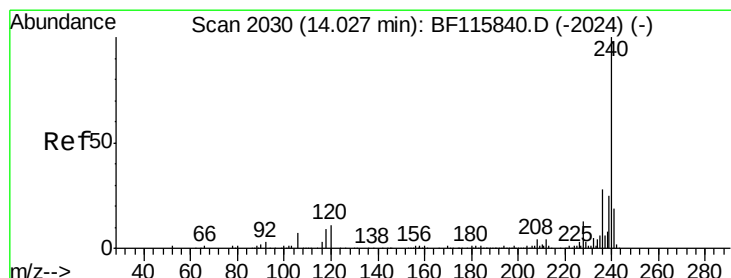
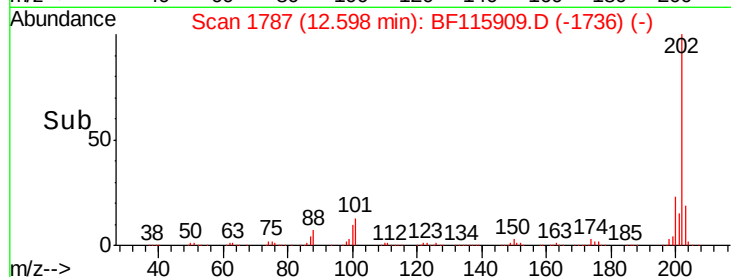
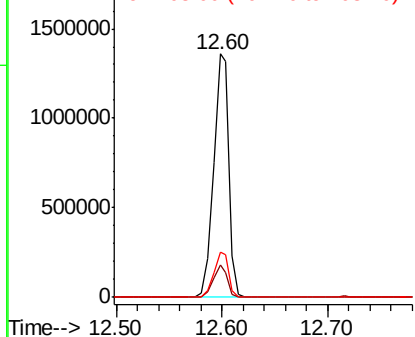
#75
 Fluoranthene
 Concen: 39.155 ng
 RT: 12.60 min Scan# 1787
 Delta R.T. -0.00 min
 Lab File: BF115909.D
 Acq: 1 Aug 2019 16:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:202 Resp: 1387014
 Ion Ratio Lower Upper
 202 100
 101 13.3 0.0 31.5
 203 18.6 0.0 37.9

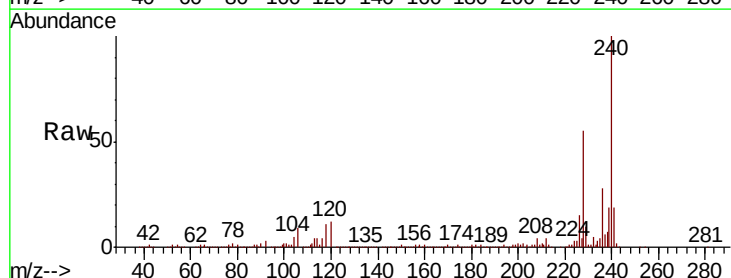


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

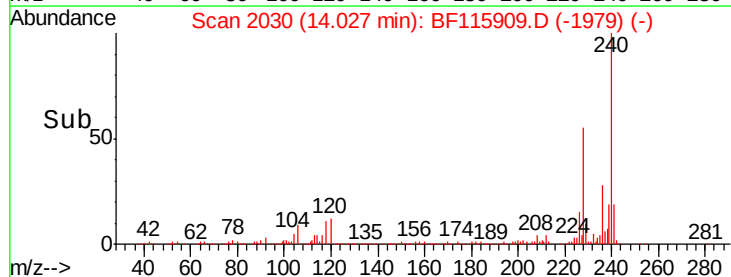
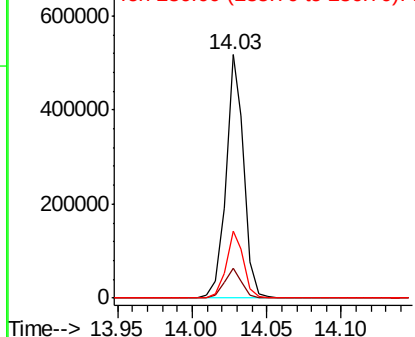


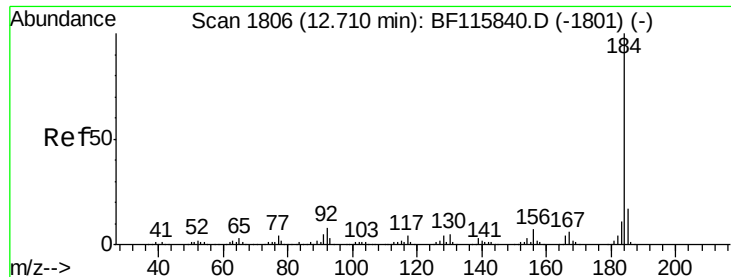
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.00 min
 Lab File: BF115909.D
 Acq: 1 Aug 2019 16:28

Tgt Ion:240 Resp: 435323
 Ion Ratio Lower Upper
 240 100
 120 12.5 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: 49.984 ng

RT: 12.72 min Scan# 1807

Delta R.T. 0.01 min

Lab File: BF115909.D

Acq: 1 Aug 2019 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

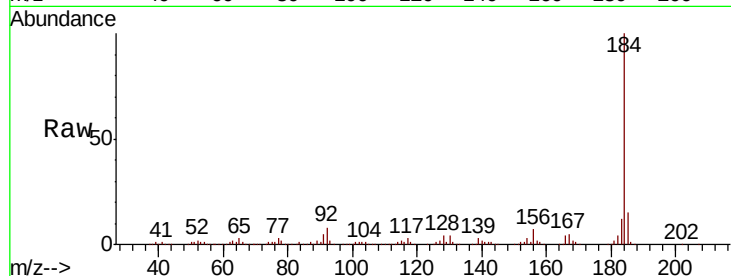
Tot Ion:184 Resp: 735123

Ion Ratio Lower Upper

184 100

185 15.3 13.4 20.2

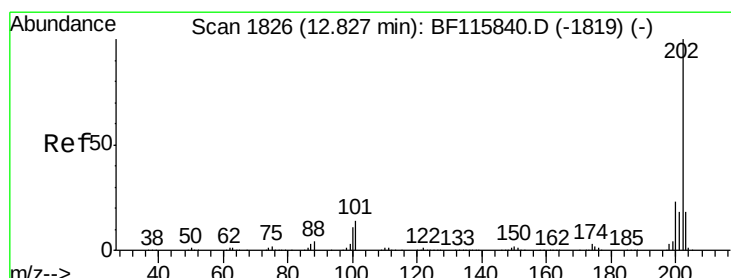
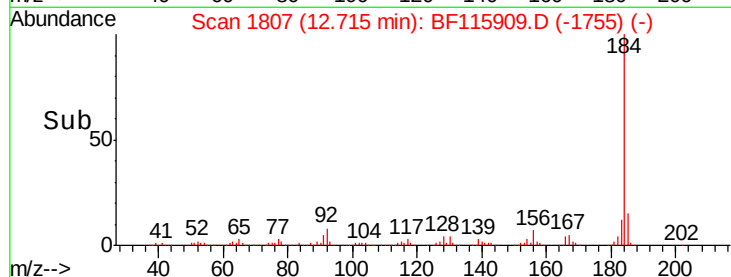
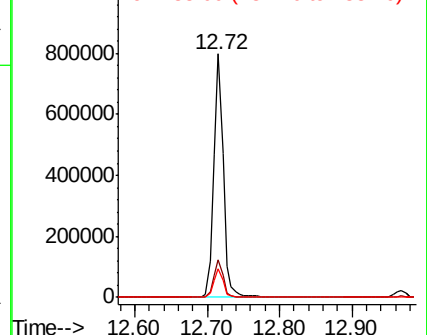
183 11.8 9.1 13.7



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: 42.939 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.00 min

Lab File: BF115909.D

Acq: 1 Aug 2019 16:28

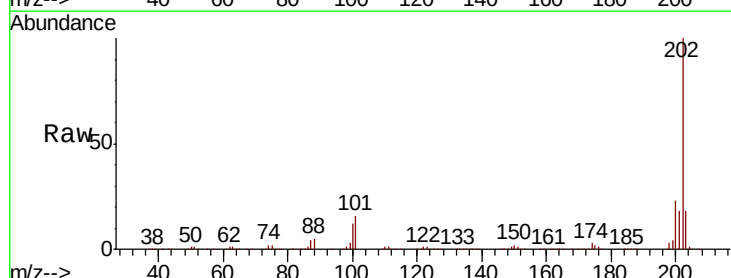
Tgt Ion:202 Resp: 1409048

Ion Ratio Lower Upper

202 100

200 22.8 18.2 27.2

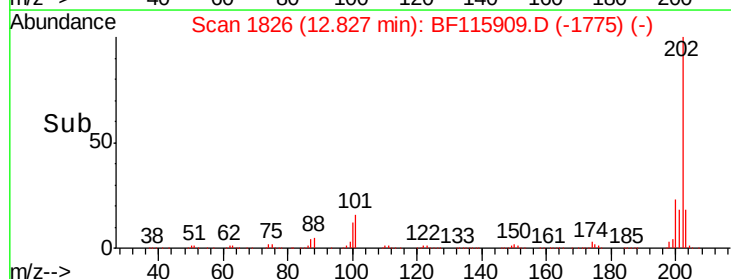
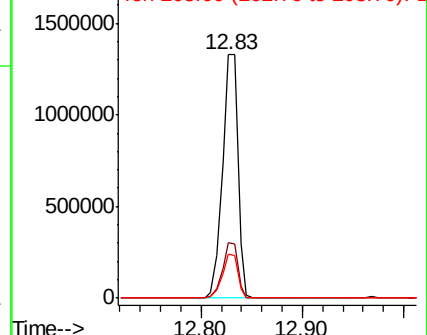
203 18.1 14.3 21.5

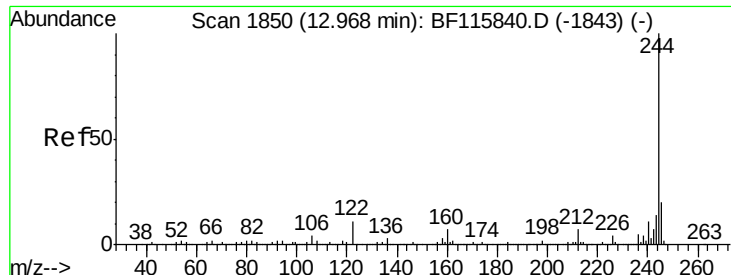


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

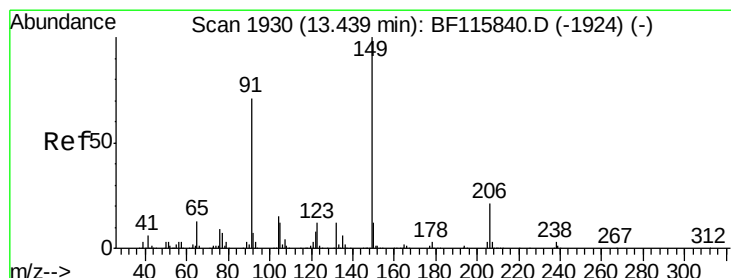
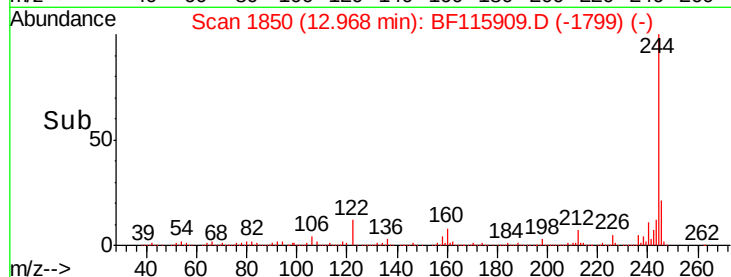
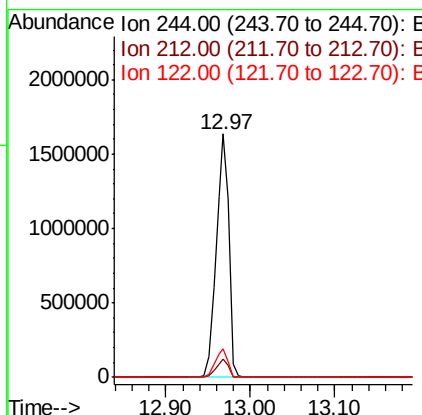
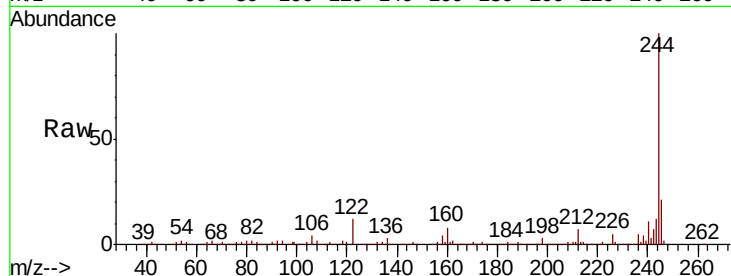




#79
 Terphenyl-d14
 Concen: 84.007 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. -0.00 min
 Lab File: BF115909.D
 Acq: 1 Aug 2019 16:28

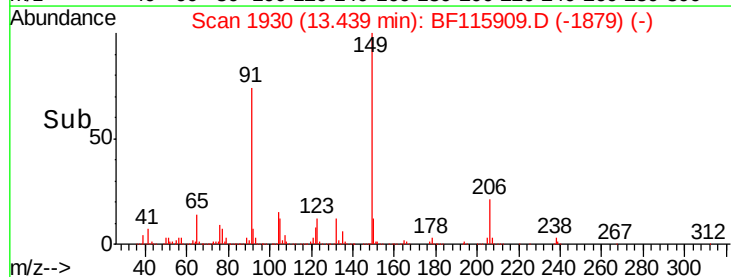
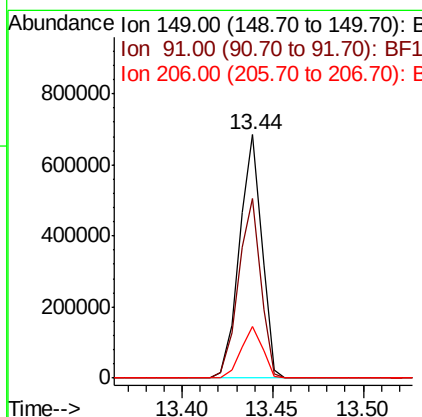
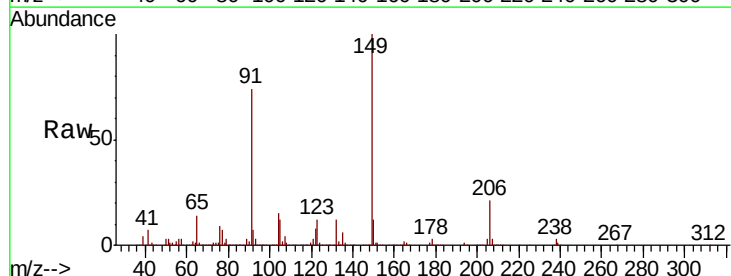
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

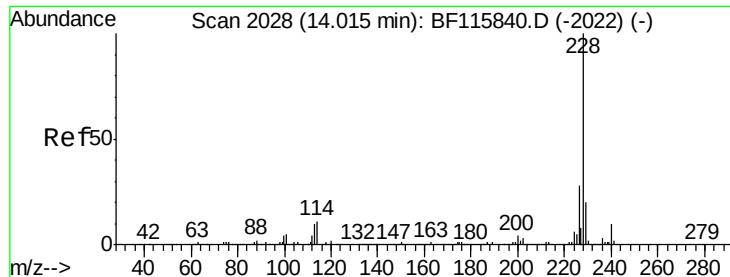
Tot Ion:244 Resp: 1735514
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.6 8.4
 122 11.7 8.6 13.0



#80
 Butylbenzylphthalate
 Concen: 42.243 ng
 RT: 13.44 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: BF115909.D
 Acq: 1 Aug 2019 16:28

Tgt Ion:149 Resp: 586382
 Ion Ratio Lower Upper
 149 100
 91 73.8 57.0 85.6
 206 21.0 16.9 25.3





#81

Benzo(a)anthracene

Concen: 40.141 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BF115909.D

Acq: 1 Aug 2019 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

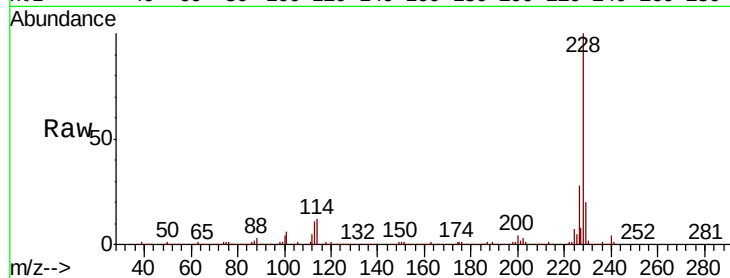
Tot Ion:228 Resp: 1116897

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.5	33.7
229	20.3	16.1	24.1

228 100

226 28.1 22.5 33.7

229 20.3 16.1 24.1

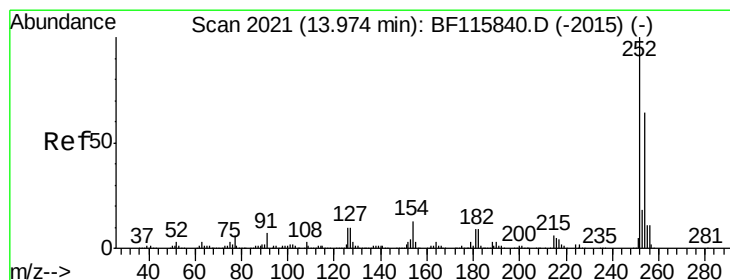
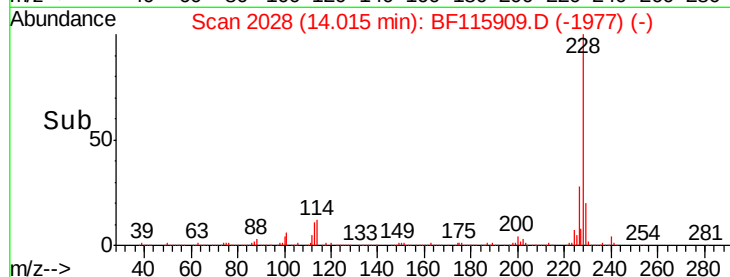
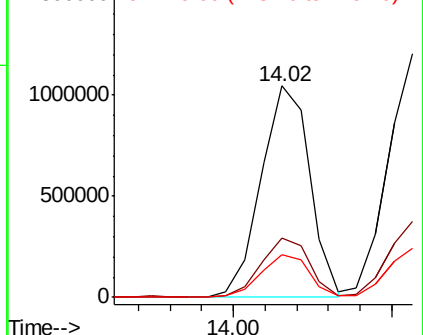


Abundance

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: 41.528 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.00 min

Lab File: BF115909.D

Acq: 1 Aug 2019 16:28

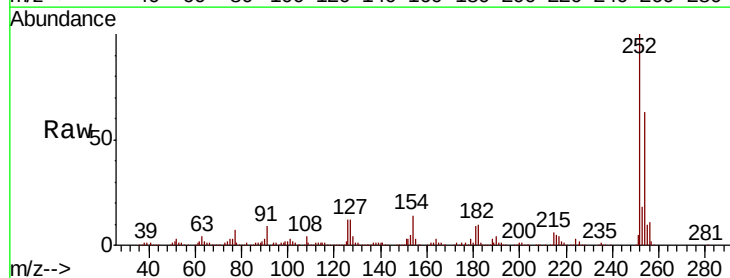
Tgt Ion:252 Resp: 401441

Ion	Ratio	Lower	Upper
252	100		
254	63.4	51.2	76.8
126	12.3	8.1	12.1

252 100

254 63.4 51.2 76.8

126 12.3 8.1 12.1#

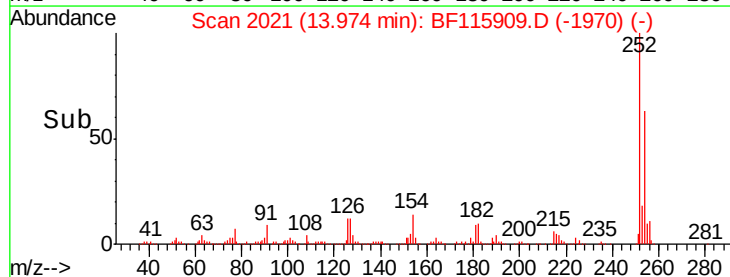
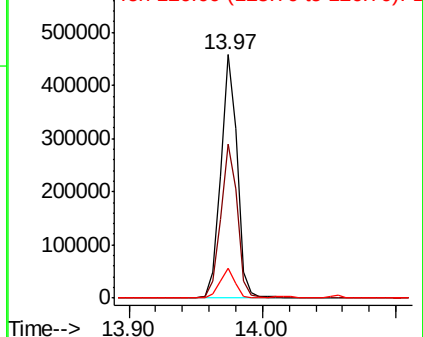


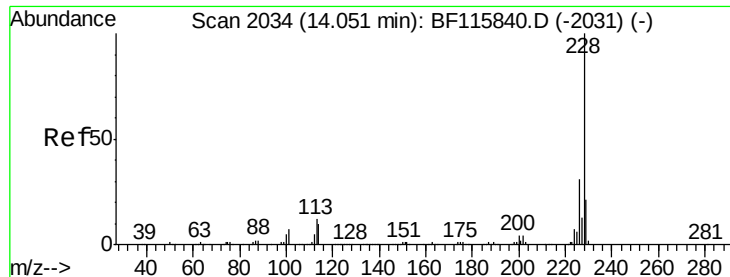
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.271 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF115909.D

Acq: 1 Aug 2019 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

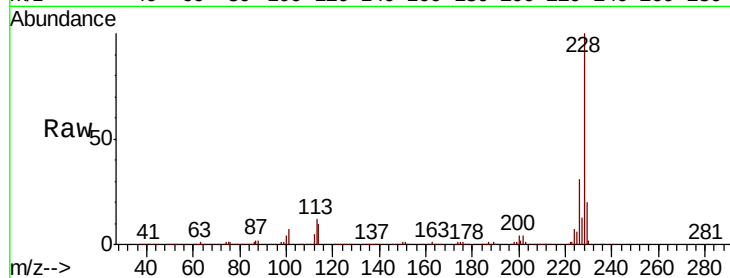
Tot Ion:228 Resp: 1060817

Ion Ratio Lower Upper

228 100

226 31.4 24.8 37.2

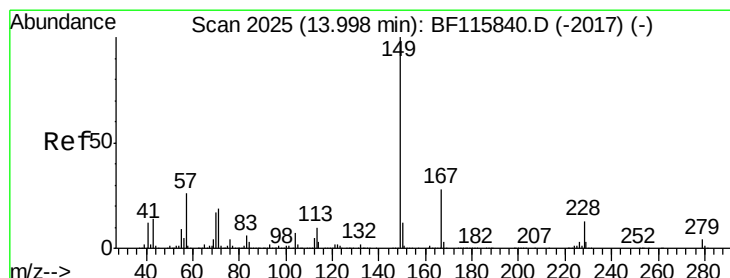
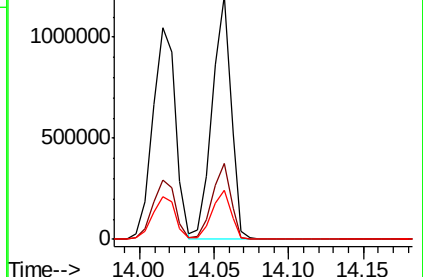
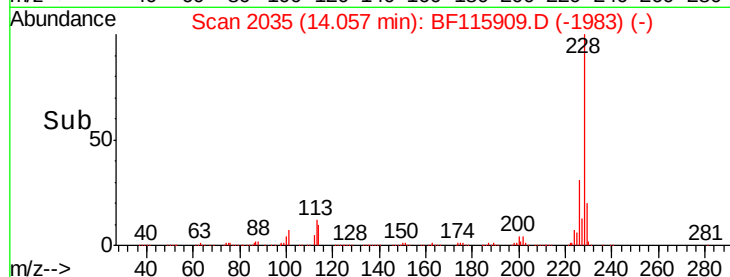
229 20.1 16.4 24.6



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: 40.860 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BF115909.D

Acq: 1 Aug 2019 16:28

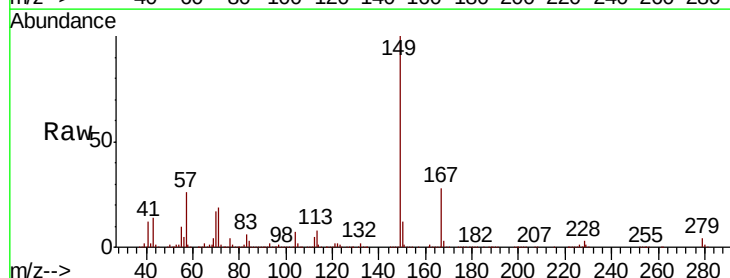
Tgt Ion:149 Resp: 737050

Ion Ratio Lower Upper

149 100

167 28.3 22.4 33.6

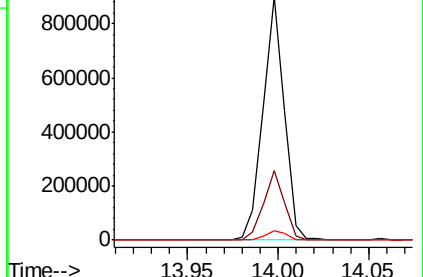
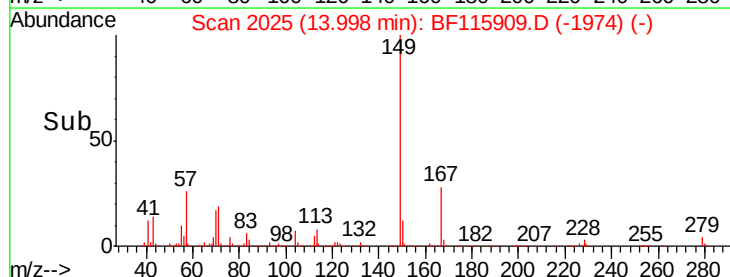
279 4.1 3.3 4.9

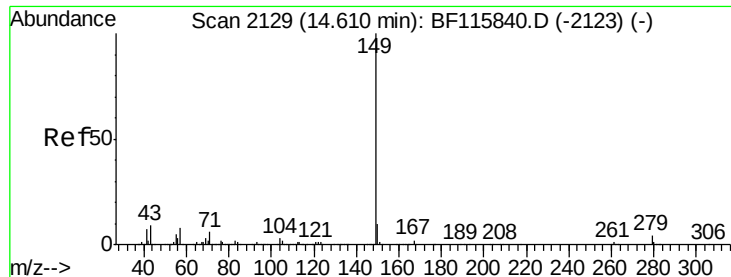


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 37.693 ng

RT: 14.61 min Scan# 2129

Delta R.T. -0.00 min

Lab File: BF115909.D

Acq: 1 Aug 2019 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

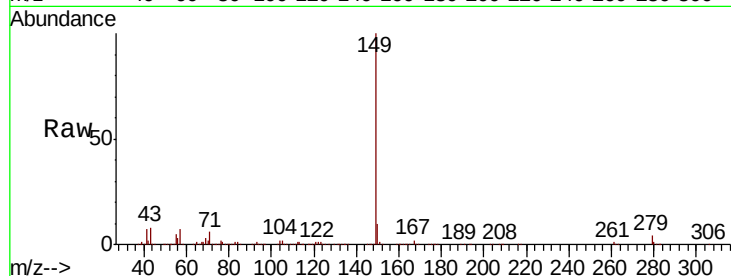
Tot Ion:149 Resp: 1079960

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

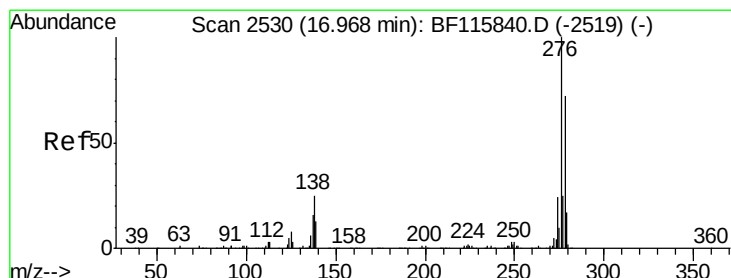
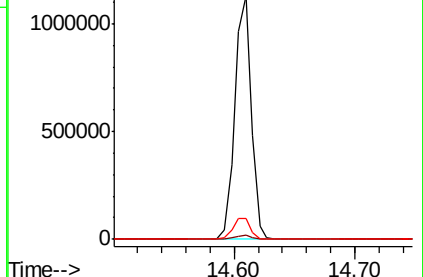
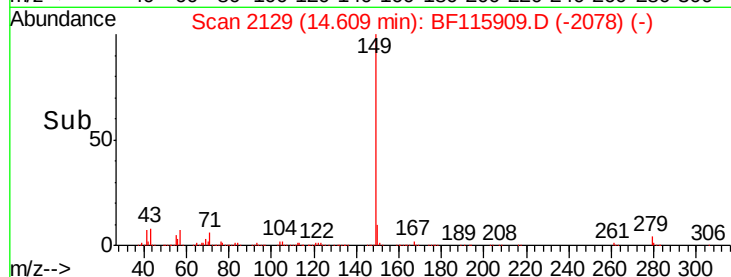
43 9.0 7.4 11.0



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: 44.541 ng

RT: 16.99 min Scan# 2533

Delta R.T. 0.02 min

Lab File: BF115909.D

Acq: 1 Aug 2019 16:28

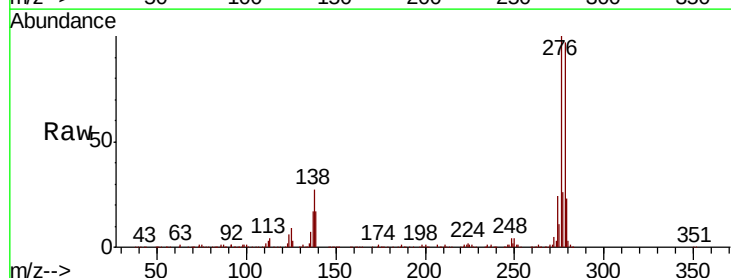
Tgt Ion:276 Resp: 1010542

Ion Ratio Lower Upper

276 100

138 25.0 19.6 29.4

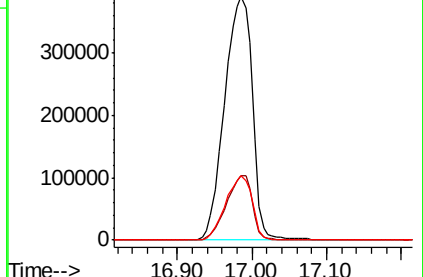
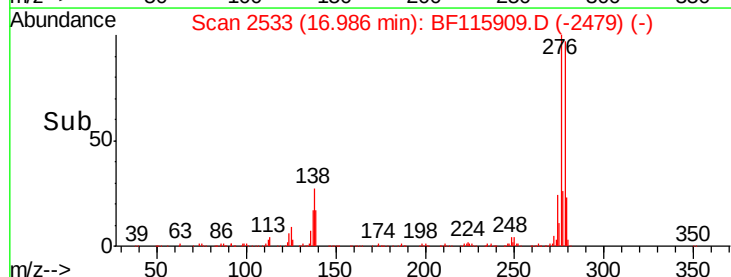
277 25.3 20.1 30.1

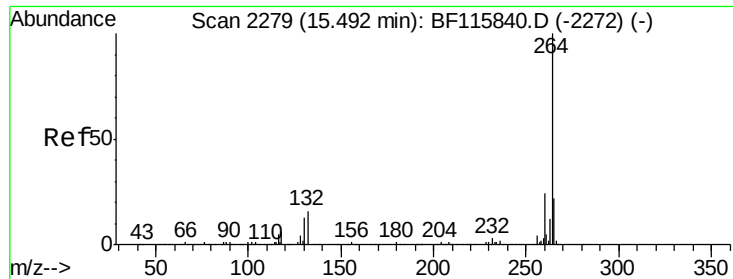


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

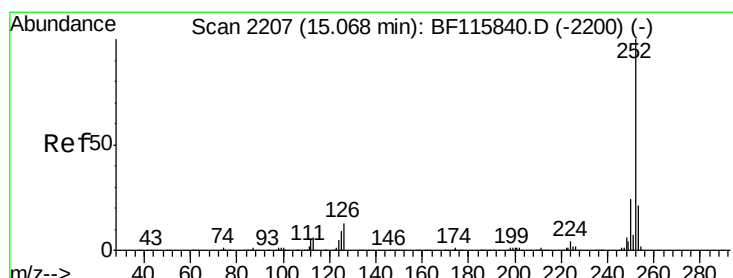
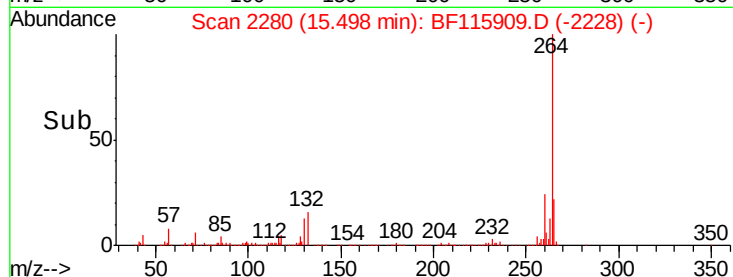
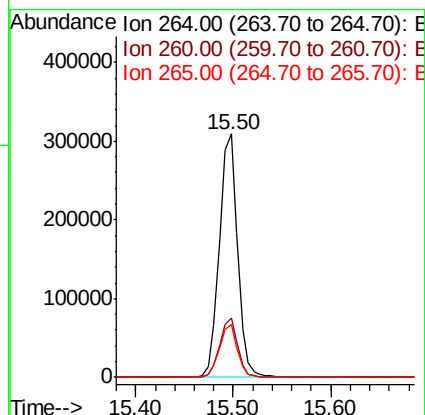
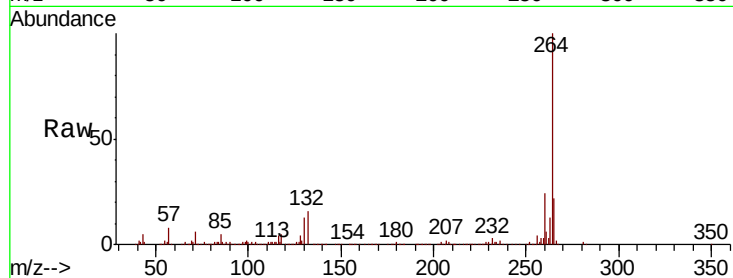




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.01 min
Lab File: BF115909.D
Acq: 1 Aug 2019 16:28

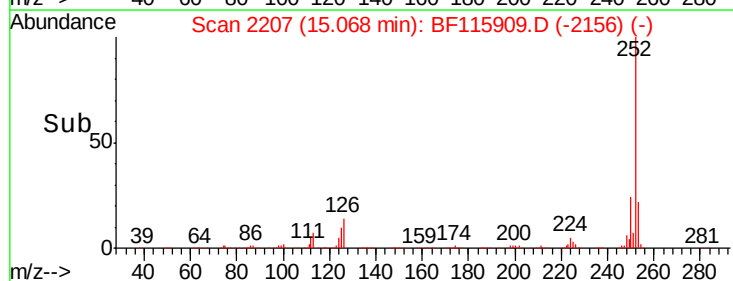
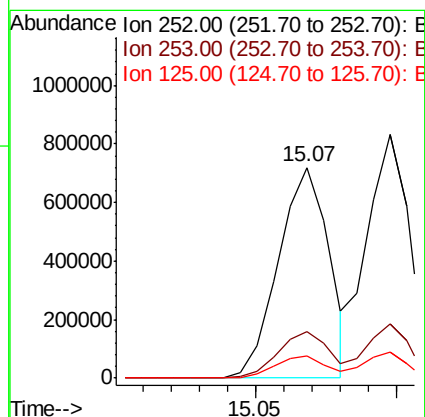
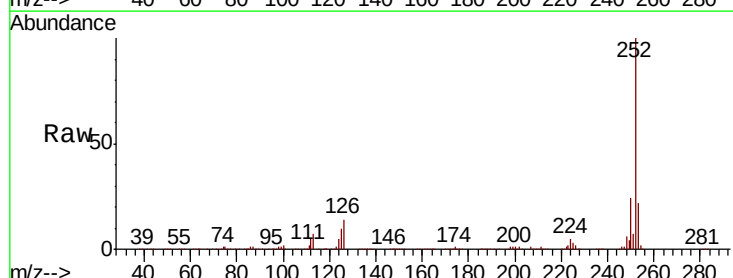
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

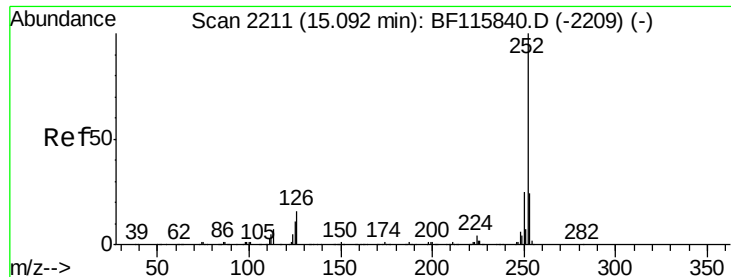
Tot Ion:264 Resp: 401378
Ion Ratio Lower Upper
264 100
260 24.5 19.4 29.2
265 21.5 17.5 26.3



#88
Benzo(b)fluoranthene
Concen: 38.566 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.00 min
Lab File: BF115909.D
Acq: 1 Aug 2019 16:28

Tgt Ion:252 Resp: 895040
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 10.4 7.4 11.0

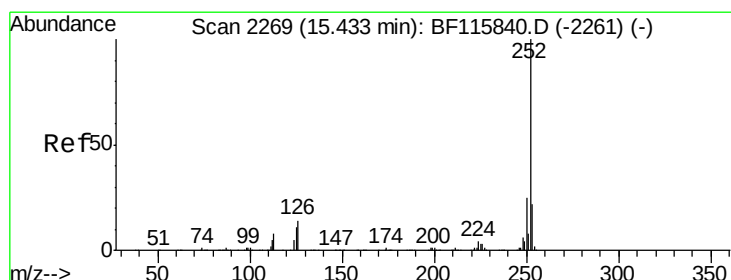
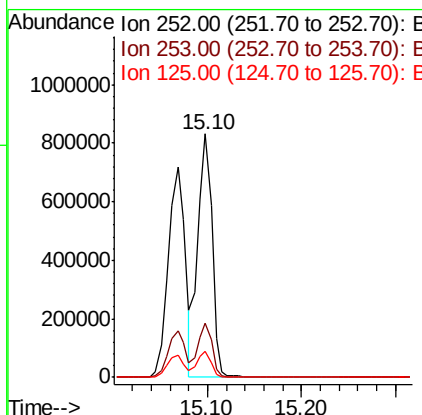
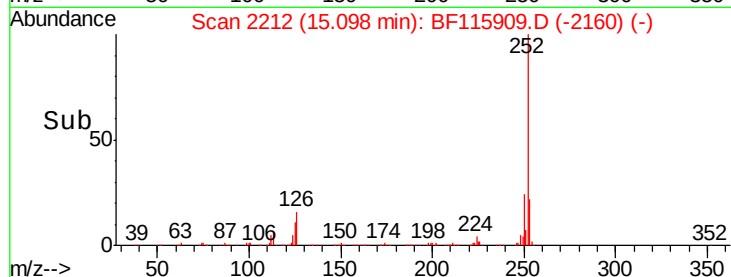
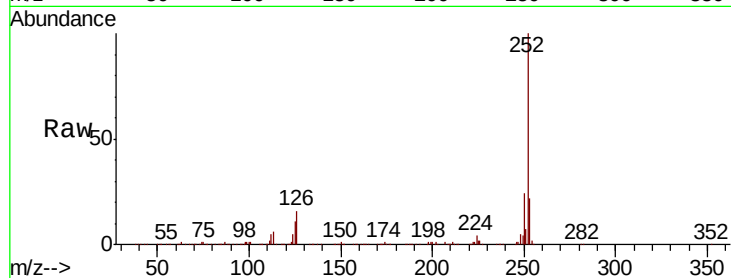




#89
Benzo(k)fluoranthene
Concen: 39.051 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.01 min
Lab File: BF115909.D
Acq: 1 Aug 2019 16:28

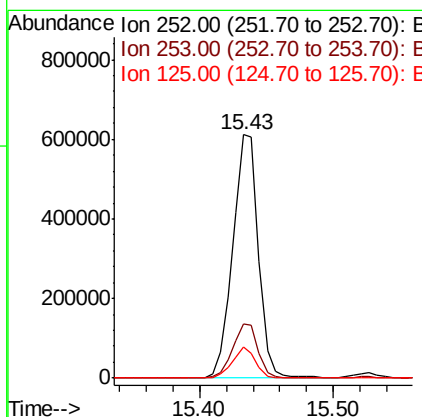
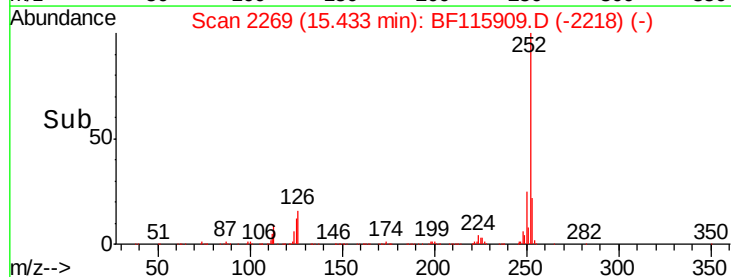
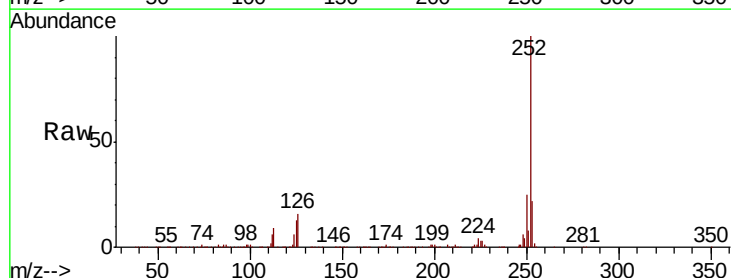
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

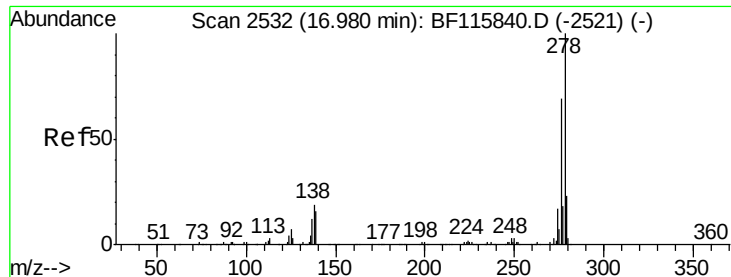
Tot Ion:252 Resp: 882753
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.4
125 10.7 8.9 13.3



#90
Benzo(a)pyrene
Concen: 39.564 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.00 min
Lab File: BF115909.D
Acq: 1 Aug 2019 16:28

Tgt Ion:252 Resp: 820806
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 12.6 8.8 13.2



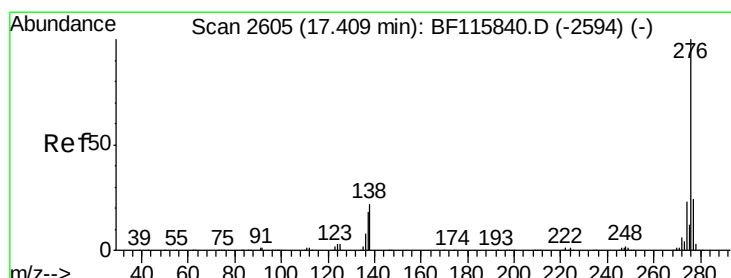
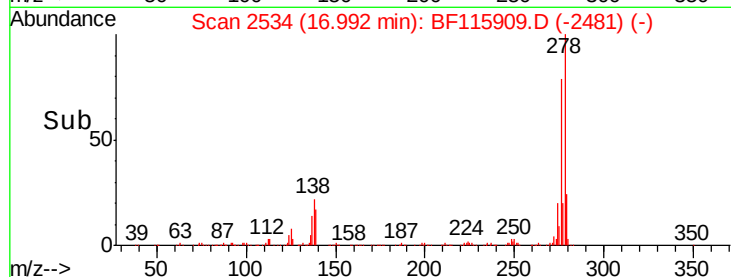
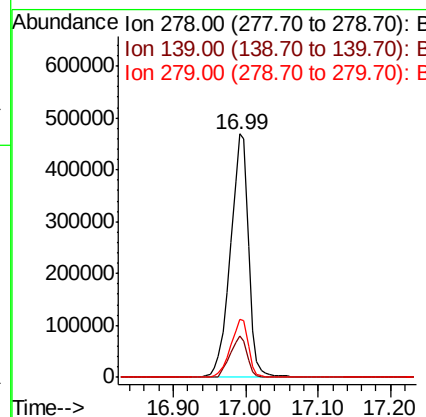
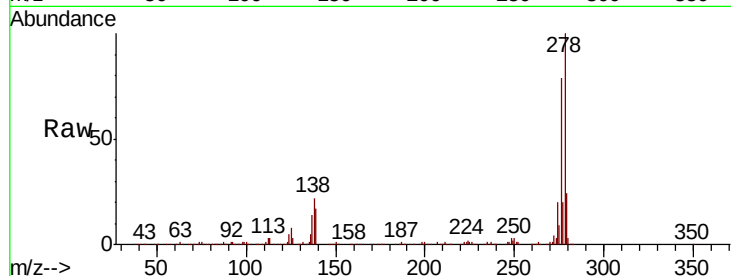


#91
Dibenzo(a,h)anthracene
Concen: 45.392 ng
RT: 16.99 min Scan# 2534
Delta R.T. 0.01 min
Lab File: BF115909.D
Acq: 1 Aug 2019 16:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:278 Resp: 815164

Ion	Ratio	Lower	Upper
278	100		
139	17.1	12.6	19.0
279	23.8	18.8	28.2



#92
Benzo(g,h,i)perylene
Concen: 48.062 ng
RT: 17.43 min Scan# 2609
Delta R.T. 0.02 min
Lab File: BF115909.D
Acq: 1 Aug 2019 16:28

Tgt Ion:276 Resp: 847642

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.5	29.3
138	20.5	17.8	26.8

