

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080119\
 Data File : BF115906.D
 Acq On : 1 Aug 2019 14:32
 Operator : HP/JU
 Sample : K4066-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-AMS

Quant Time: Aug 02 04:54:41 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	6.85	152	139900	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	531836	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	269578	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	431466	20.00	ng	0.00
76) Chrysene-d12	14.03	240	280939	20.00	ng	0.00
87) Perylene-d12	15.50	264	339028	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1093556	130.86	ng	0.02
7) Phenol-d6	6.50	99	1470605	139.48	ng	0.01
23) Nitrobenzene-d5	7.42	82	938243	101.83	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	346382	132.53	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1443328	100.28	ng	0.00
79) Terphenyl-d14	12.97	244	1241280	93.10	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.67	88	139045	32.935	ng	99
3) Pyridine	3.43	79	373539	31.674	ng	100
4) n-Nitrosodimethylamine	3.37	42	172472	37.058	ng	94
6) Aniline	6.52	93	215163	14.249	ng	# 78
8) 2-Chlorophenol	6.65	128	362855	39.265	ng	98
9) Benzaldehyde	6.40	77	213962	29.410	ng	99
10) Phenol	6.51	94	463472	37.328	ng	98
11) bis(2-Chloroethyl)ether	6.59	93	350597	38.406	ng	99
12) 1,3-Dichlorobenzene	6.80	146	391344	36.643	ng	100
13) 1,4-Dichlorobenzene	6.87	146	398072	37.226	ng	100
14) 1,2-Dichlorobenzene	7.03	146	365574	37.128	ng	100
15) Benzyl Alcohol	7.00	79	321687	40.203	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	459337	36.890	ng	96
17) 2-Methylphenol	7.11	107	305543	39.048	ng	100
18) Hexachloroethane	7.37	117	139313	35.385	ng	97
19) n-Nitroso-di-n-propylamine	7.27	70	250066	38.273	ng	100
20) 3+4-Methylphenols	7.26	107	376275	40.636	ng	# 78
22) Acetophenone	7.26	105	491947	42.177	ng	99
24) Nitrobenzene	7.43	77	401440	40.352	ng	100
25) Isophorone	7.67	82	708282	40.203	ng	99
26) 2-Nitrophenol	7.75	139	194894	41.559	ng	99
27) 2,4-Dimethylphenol	7.79	122	324921	46.053	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	435316	39.865	ng	99
29) 2,4-Dichlorophenol	8.00	162	309565	41.555	ng	96
30) 1,2,4-Trichlorobenzene	8.08	180	334317	39.370	ng	100
31) Naphthalene	8.16	128	1038425	41.492	ng	100
32) Benzoic acid	7.92	122	118338	23.790	ng	98
33) 4-Chloroaniline	8.20	127	85703	7.664	ng	99
34) Hexachlorobutadiene	8.27	225	187412	38.316	ng	97
35) Caprolactam	8.58	113	69091	28.676	ng	98
36) 4-Chloro-3-methylphenol	8.70	107	325183	41.960	ng	95
37) 2-Methylnaphthalene	8.85	142	689477	41.831	ng	99
38) 1-Methylnaphthalene	8.95	142	645205	41.378	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	307106	42.613	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	93292	32.622	ng	99
43) 2,4,6-Trichlorophenol	9.14	196	203115	40.946	ng	98
44) 2,4,5-Trichlorophenol	9.18	196	218020	42.517	ng	100
46) 1,1'-Biphenyl	9.32	154	821704	43.175	ng	100
47) 2-Chloronaphthalene	9.35	162	646124	40.790	ng	99
48) 2-Nitroaniline	9.44	65	206842	39.505	ng	95
49) Acenaphthylene	9.76	152	1015703	43.952	ng	100
50) Dimethylphthalate	9.62	163	954714	52.013	ng	99
51) 2,6-Dinitrotoluene	9.68	165	165794	41.564	ng	93
52) Acenaphthene	9.93	154	599654	42.296	ng	98
53) 3-Nitroaniline	9.85	138	83368	16.914	ng	88
54) 2,4-Dinitrophenol	9.96	184	60318	34.640	ng	96
55) Dibenzofuran	10.10	168	888747	43.106	ng	98
56) 4-Nitrophenol	10.02	139	260812	82.604	ng	96
57) 2,4-Dinitrotoluene	10.09	165	217259	40.908	ng	91
58) Fluorene	10.45	166	672648	42.404	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	166822	38.669	ng	100
60) Diethylphthalate	10.32	149	710755	41.475	ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	334746	41.668	ng	98
62) 4-Nitroaniline	10.46	138	153539	30.143	ng	99
63) Azobenzene	10.60	77	734376	41.663	ng	96
65) 4,6-Dinitro-2-methylphenol	10.50	198	54411	23.797	ng	97
66) n-Nitrosodiphenylamine	10.56	169	596796	45.954	ng	99
67) 4-Bromophenyl-phenylether	10.93	248	199692	43.234	ng	92
68) Hexachlorobenzene	11.00	284	213845	40.039	ng	94
69) Atrazine	11.08	200	181873	42.570	ng	99
70) Pentachlorophenol	11.20	266	195957	75.571	ng	99
71) Phenanthrene	11.41	178	1296229	58.766	ng	99
72) Anthracene	11.46	178	1024949	45.914	ng	99
73) Carbazole	11.62	167	850764	42.008	ng	98
74) Di-n-butylphthalate	11.94	149	1028107	43.517	ng	100
75) Fluoranthene	12.60	202	1473234	63.799	ng	100
77) Benzidine	12.72	184	403520	42.515	ng	96
78) Pyrene	12.83	202	1437899	67.897	ng	99
80) Butylbenzylphthalate	13.44	149	359551	40.136	ng	98
81) Benzo(a)anthracene	14.02	228	1096891	61.086	ng	98
82) 3,3'-Dichlorobenzidine	13.97	252	205485	32.938	ng	99
83) Chrysene	14.06	228	1029074	59.030	ng	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	488530	41.966	ng	99
85) Di-n-octyl phthalate	14.61	149	828396	44.802	ng	100
86) Indeno(1,2,3-cd)pyrene	16.99	276	893302	61.010	ng	100
88) Benzo(b)fluoranthene	15.10	252	931181	47.502	ng	98
89) Benzo(k)fluoranthene	15.10	252	931181	48.769	ng	98
90) Benzo(a)pyrene	15.44	252	1074847	61.337	ng	99
91) Dibenzo(a,h)anthracene	17.00	278	642900	42.384	ng	99
92) Benzo(g,h,i)perylene	17.44	276	724994	48.667	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 810

Delta R.T. 0.00 min

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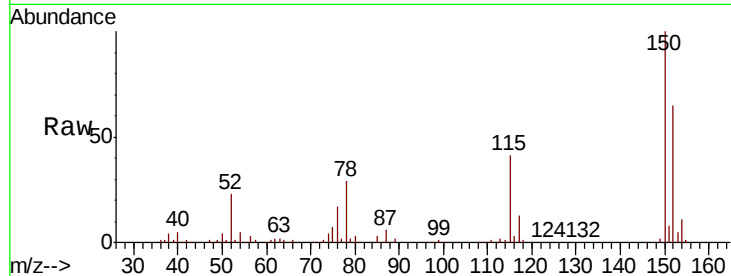
Tgt Ion:152 Resp: 139900

Ion Ratio Lower Upper

152 100

150 153.3 127.4 191.0

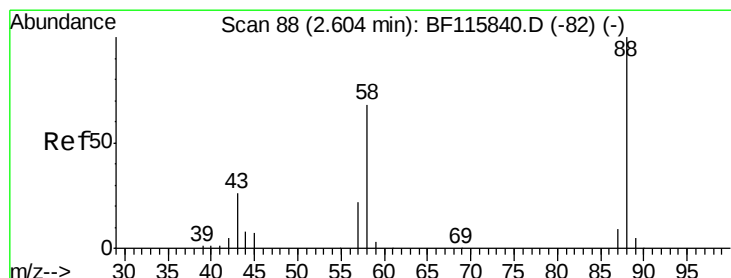
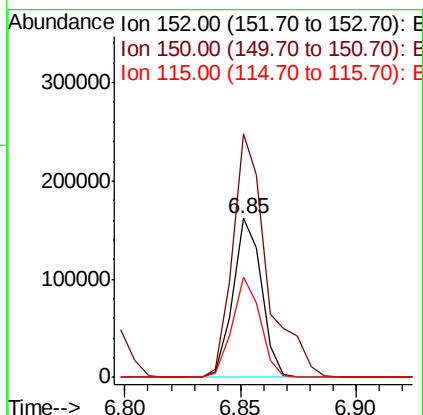
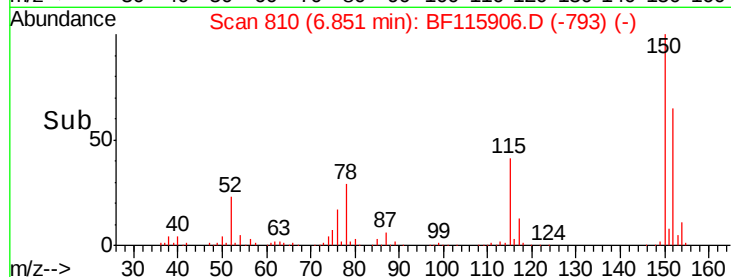
115 62.9 51.8 77.8



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: 32.935 ng

RT: 2.67 min Scan# 99

Delta R.T. 0.06 min

Lab File: BF115906.D

Acq: 1 Aug 2019 14:32

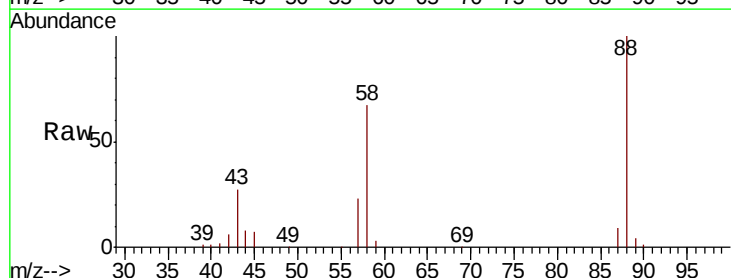
Tgt Ion: 88 Resp: 139045

Ion Ratio Lower Upper

88 100

58 68.4 54.1 81.1

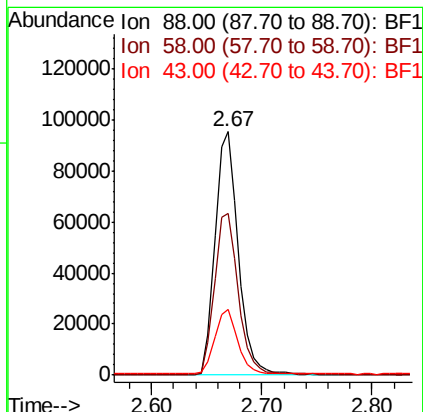
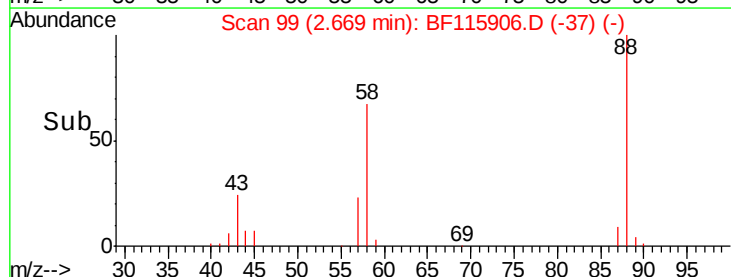
43 26.5 20.7 31.1

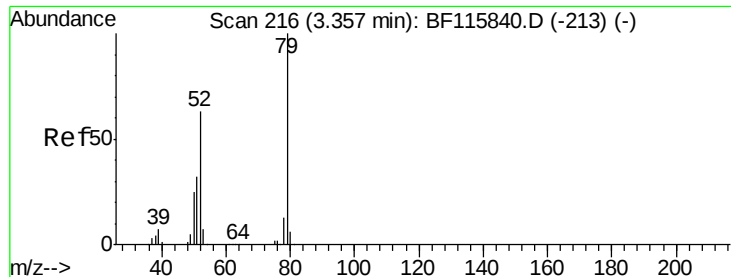


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 31.674 ng

RT: 3.43 min Scan# 229

Delta R.T. 0.08 min

Lab File: BF115906.D

Acq: 1 Aug 2019 14:32

Instrument :

BNA_F

ClientSampleId :

TP-1-AMS

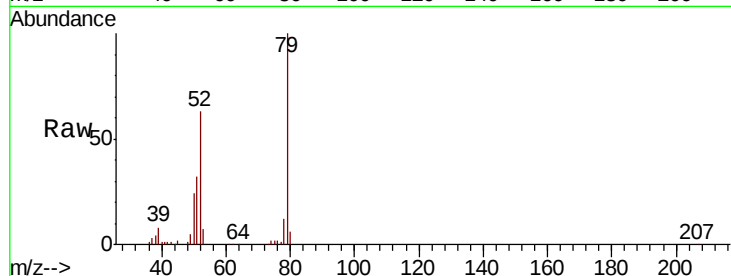
Tgt Ion: 79 Resp: 373539

Ion Ratio Lower Upper

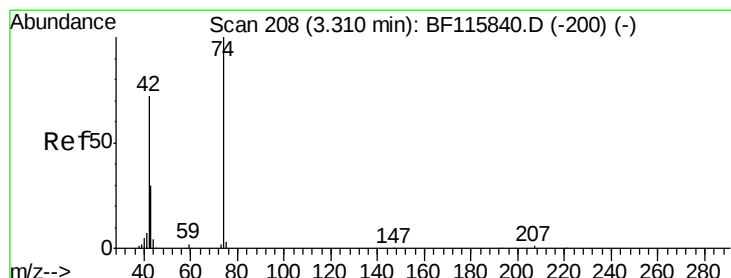
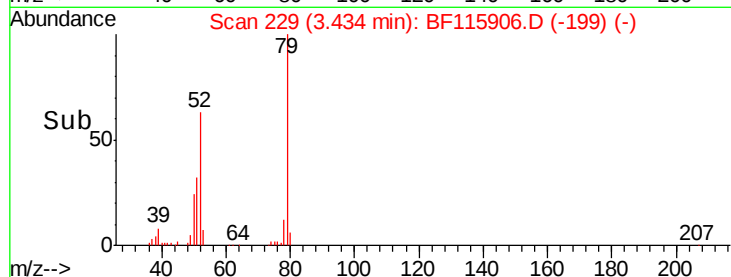
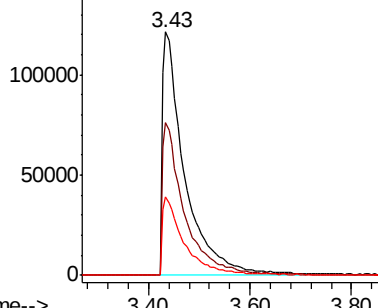
79 100

52 62.5 50.2 75.4

51 32.4 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: 37.058 ng

RT: 3.37 min Scan# 218

Delta R.T. 0.06 min

Lab File: BF115906.D

Acq: 1 Aug 2019 14:32

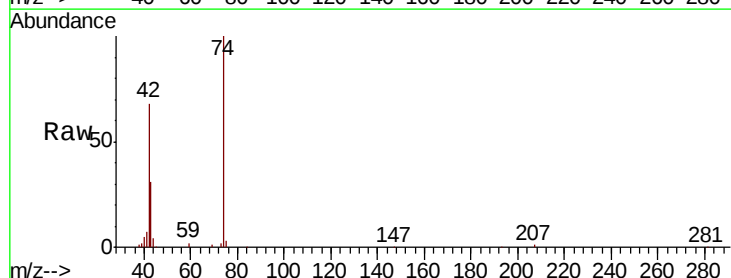
Tgt Ion: 42 Resp: 172472

Ion Ratio Lower Upper

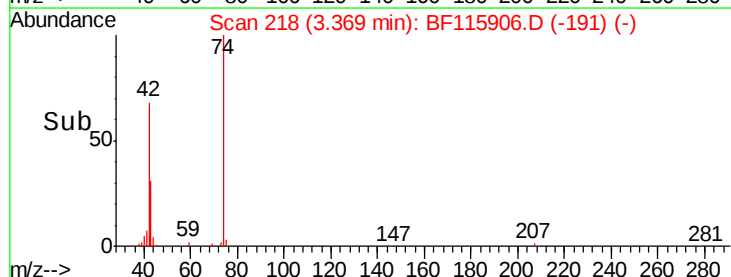
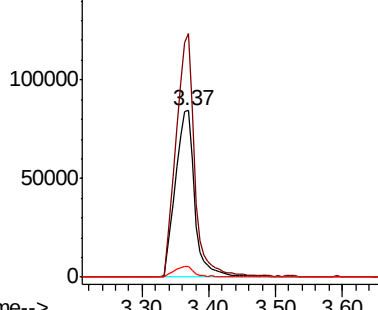
42 100

74 146.3 111.0 166.4

44 6.3 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: 130.856 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.02 min

Lab File: BF115906.D

Acq: 1 Aug 2019 14:32

Instrument :

BNA_F

ClientSampled :

TP-1-AMS

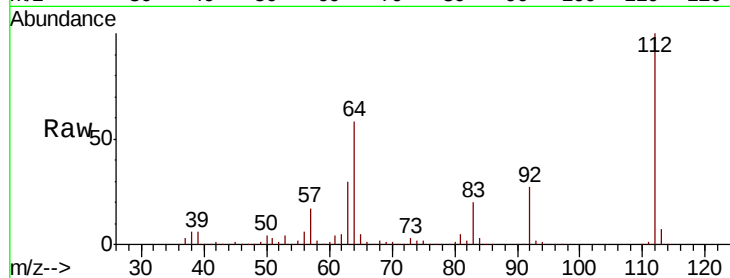
Tgt Ion: 112 Resp: 1093556

Ion Ratio Lower Upper

112 100

64 58.0 46.8 70.2

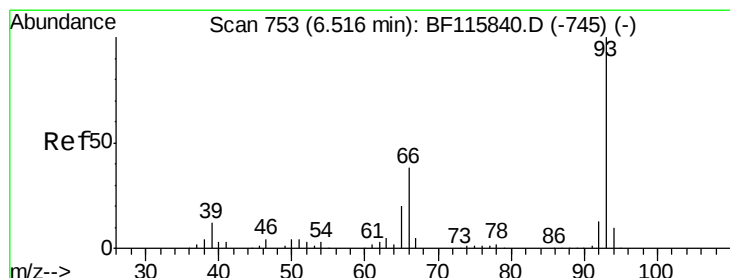
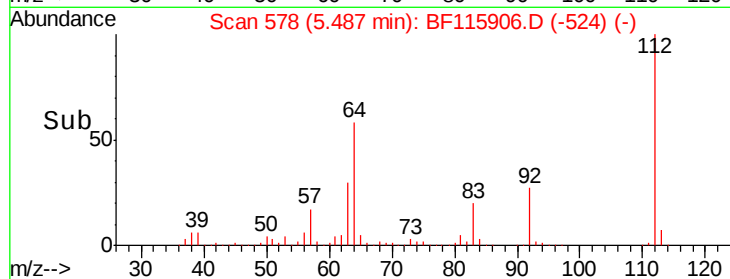
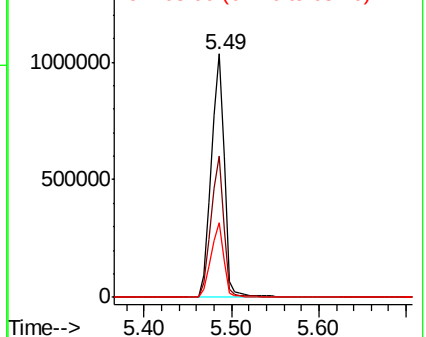
63 30.4 24.2 36.2



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: 14.249 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF115906.D

Acq: 1 Aug 2019 14:32

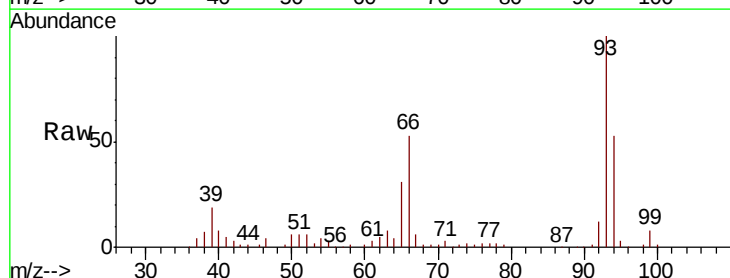
Tgt Ion: 93 Resp: 215163

Ion Ratio Lower Upper

93 100

66 52.7 31.4 47.0#

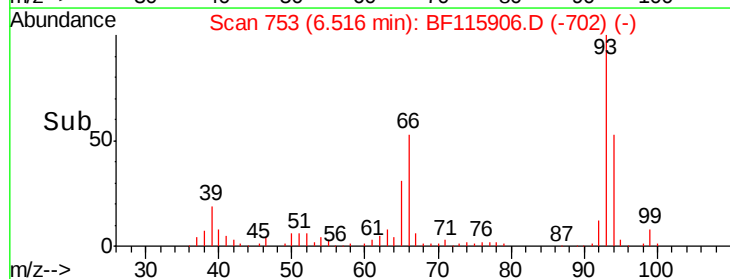
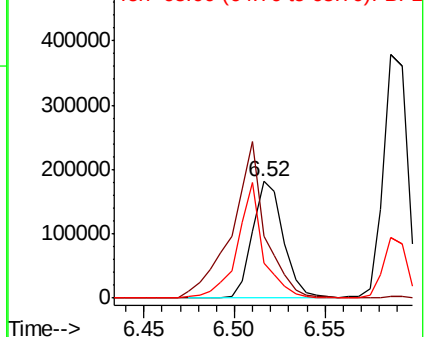
65 30.5 16.5 24.7#

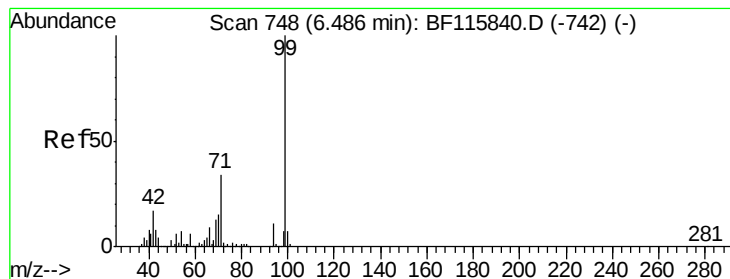


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 139.477 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF115906.D

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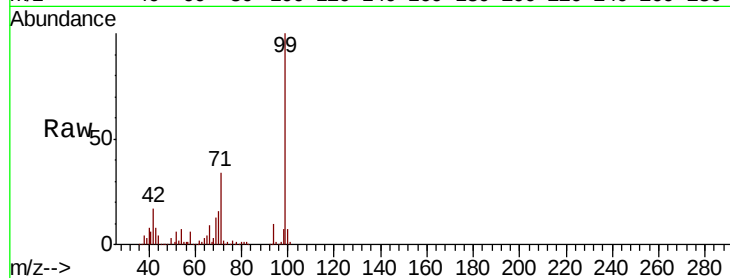
Tgt Ion: 99 Resp: 1470605

Ion Ratio Lower Upper

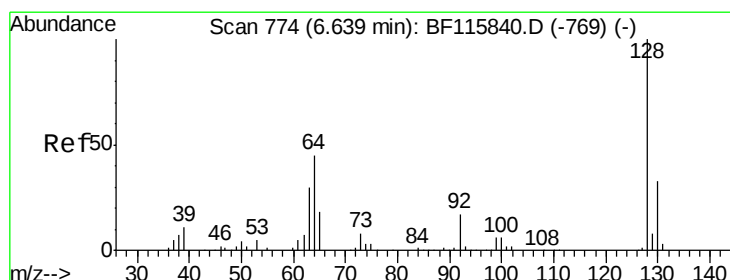
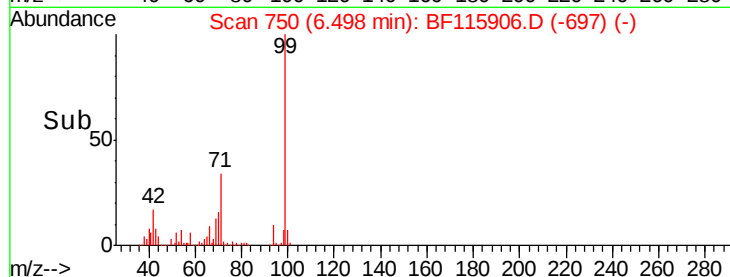
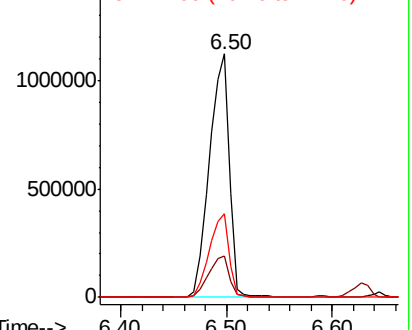
99 100

42 16.8 13.8 20.6

71 34.5 27.1 40.7



Abundance Ion 99.00 (98.70 to 99.70): BF1
1500000
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.265 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF115906.D

Acq: 1 Aug 2019 14:32

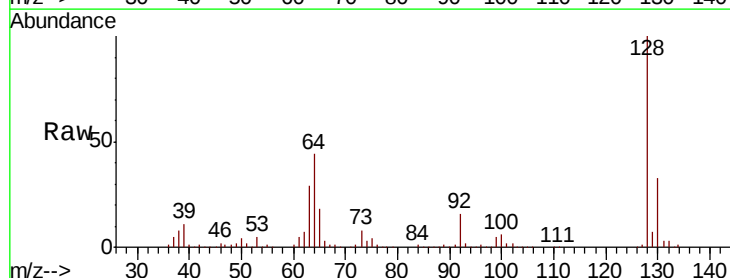
Tgt Ion: 128 Resp: 362855

Ion Ratio Lower Upper

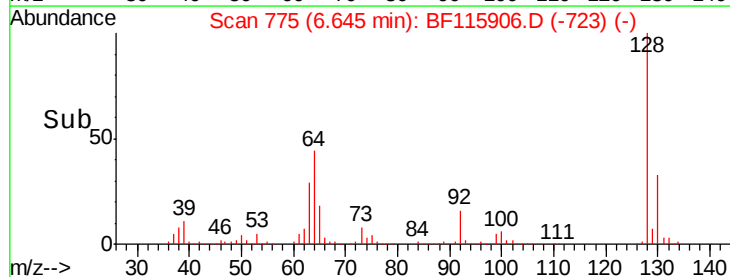
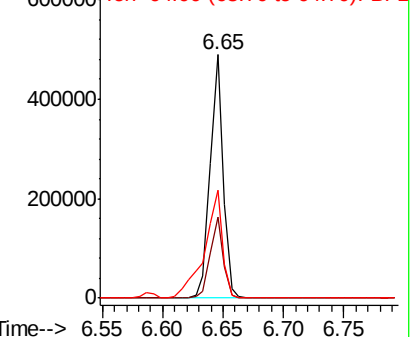
128 100

130 33.3 12.9 52.9

64 44.3 26.1 66.1



Abundance Ion 128.00 (127.70 to 128.70): E
600000
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 29.410 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF115906.D

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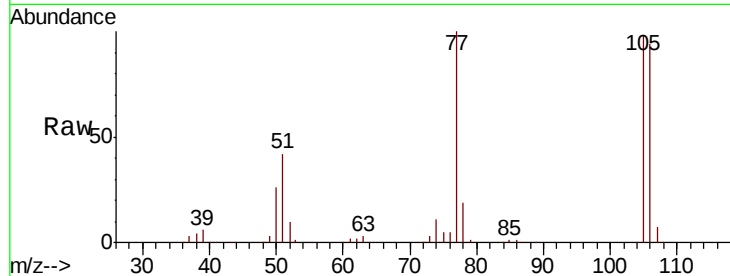
Tgt Ion: 77 Resp: 213962

Ion Ratio Lower Upper

77 100

105 98.1 79.0 119.0

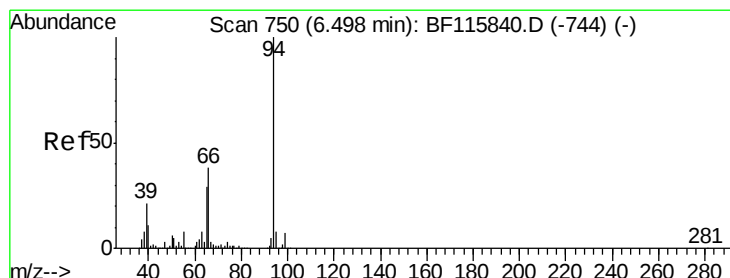
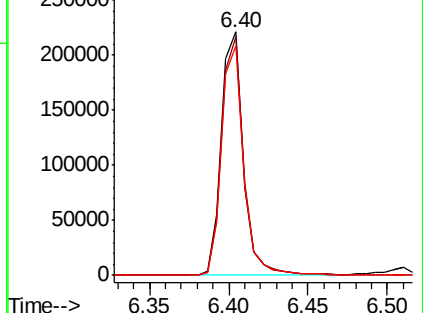
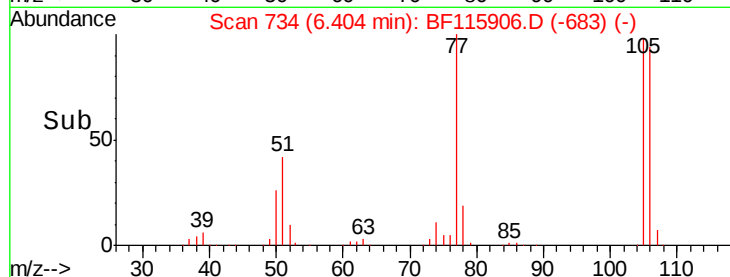
106 94.2 76.2 116.2



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: 37.328 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF115906.D

Acq: 1 Aug 2019 14:32

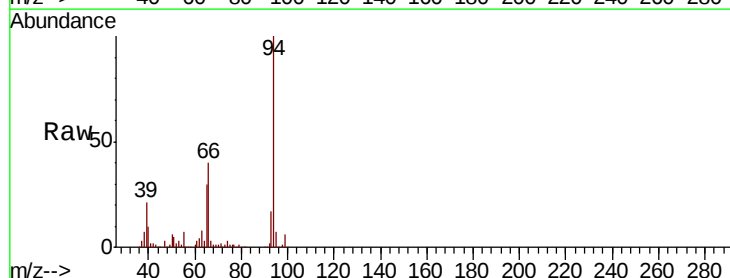
Tgt Ion: 94 Resp: 463472

Ion Ratio Lower Upper

94 100

65 29.6 8.9 48.9

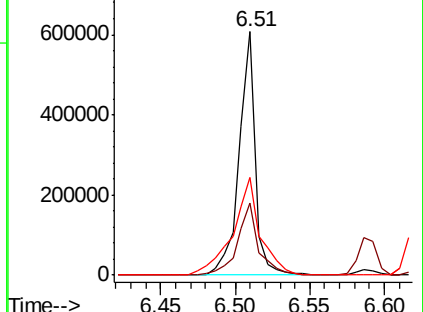
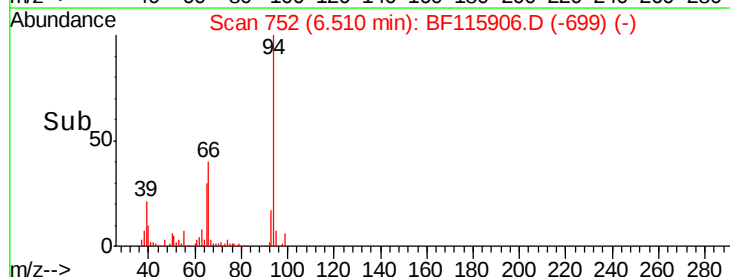
66 39.9 18.0 58.0

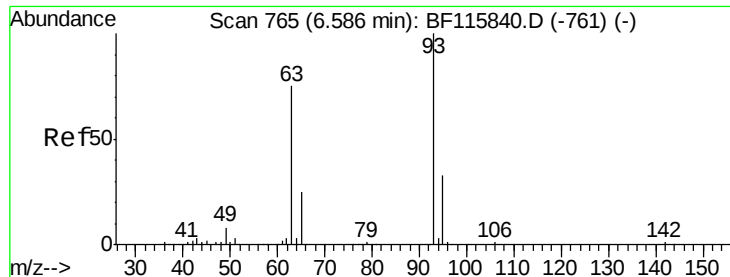


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

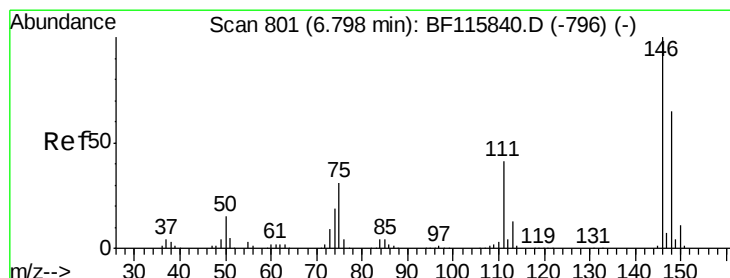
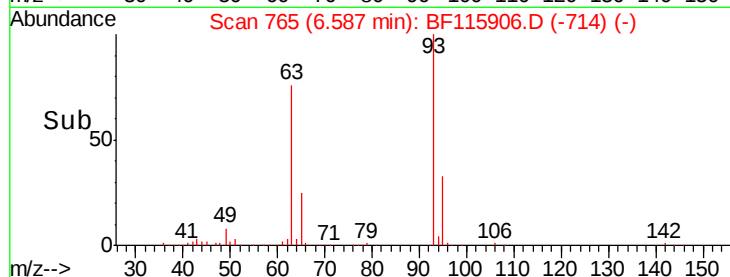
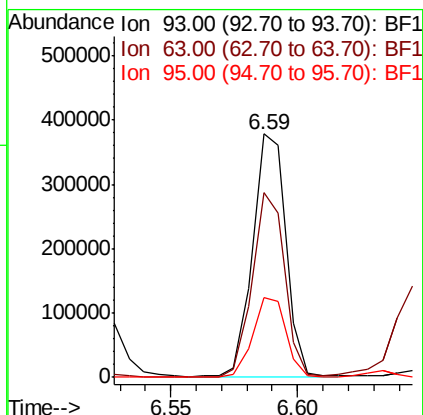
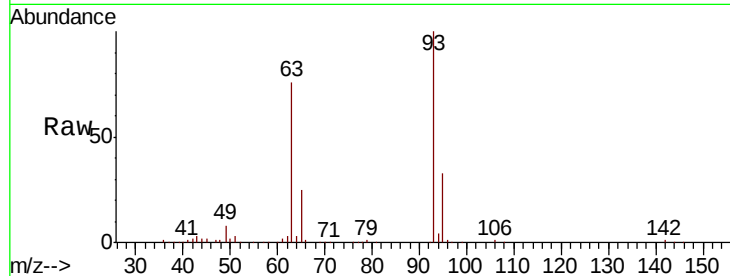




#11
bis(2-Chloroethyl)ether
Concen: 38.406 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF115906.D
Acq: 1 Aug 2019 14:32

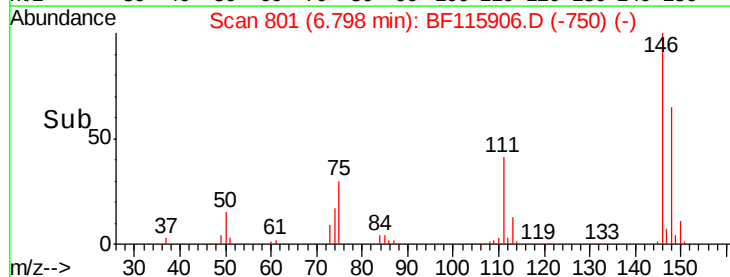
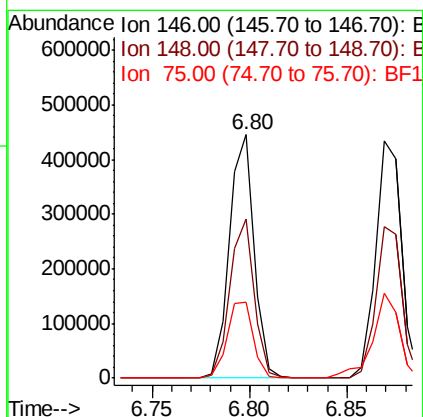
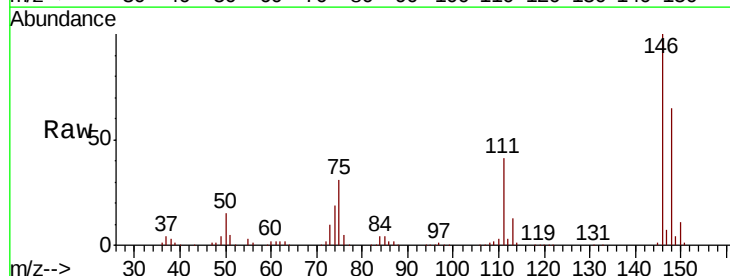
Instrument :
BNA_F
ClientSampleId :
TP-1-AMS

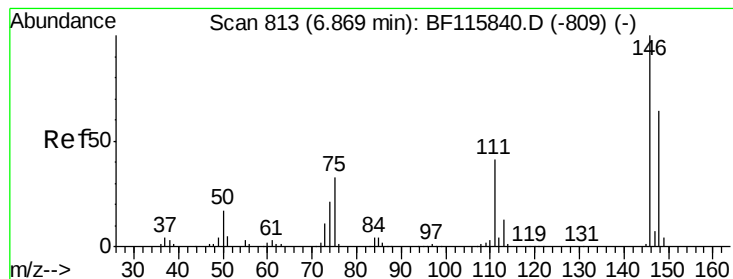
Tgt Ion: 93 Resp: 350597
Ion Ratio Lower Upper
93 100
63 75.9 54.9 94.9
95 32.6 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 36.643 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF115906.D
Acq: 1 Aug 2019 14:32

Tgt Ion: 146 Resp: 391344
Ion Ratio Lower Upper
146 100
148 65.2 52.1 78.1
75 31.0 25.0 37.6





#13

1,4-Dichlorobenzene

Concen: 37.226 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF115906.D

Acq: 1 Aug 2019 14:32

Instrument :

BNA_F

ClientSampleId :

TP-1-AMS

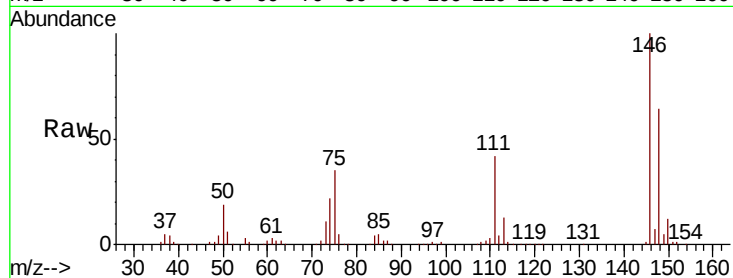
Tgt Ion:146 Resp: 398072

Ion Ratio Lower Upper

146 100

148 63.8 51.2 76.8

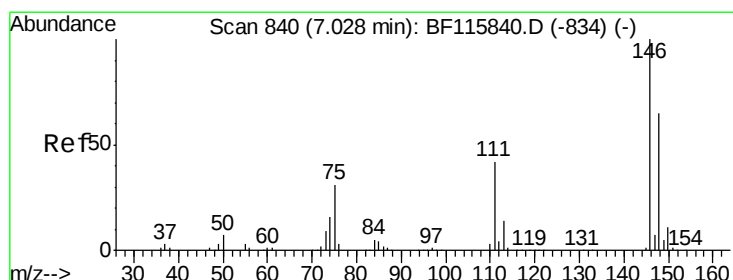
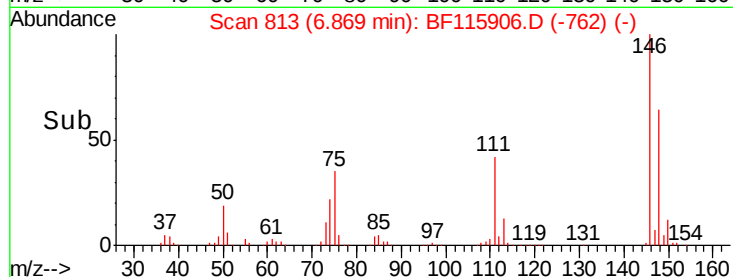
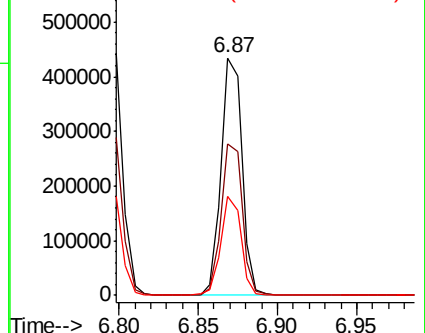
111 41.6 33.2 49.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.128 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF115906.D

Acq: 1 Aug 2019 14:32

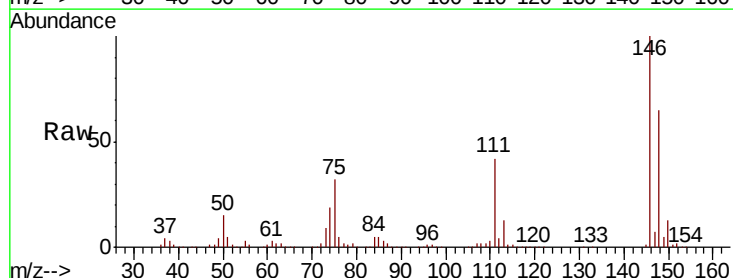
Tgt Ion:146 Resp: 365574

Ion Ratio Lower Upper

146 100

148 64.8 51.6 77.4

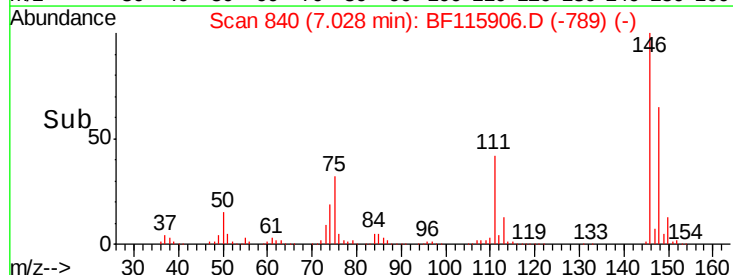
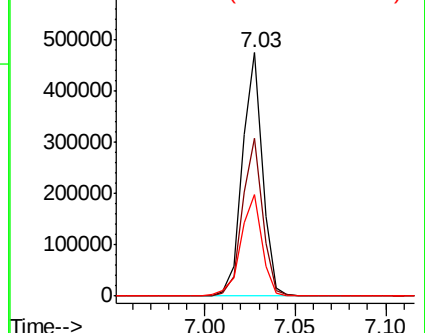
111 41.6 33.6 50.4

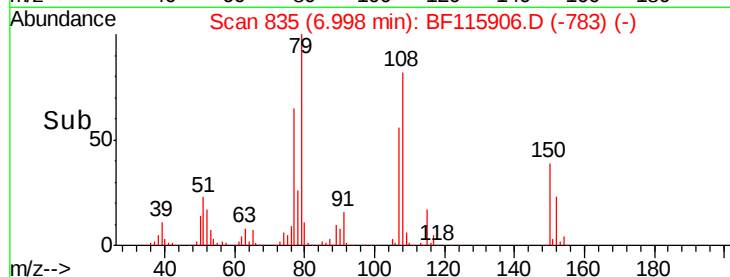
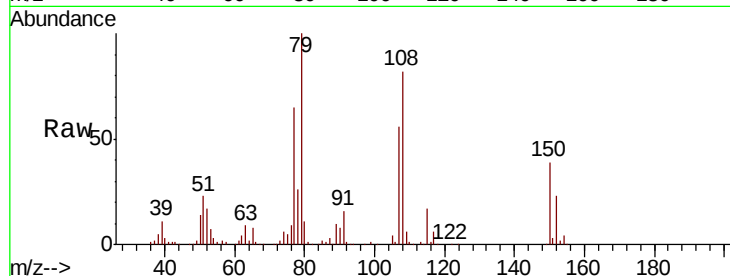
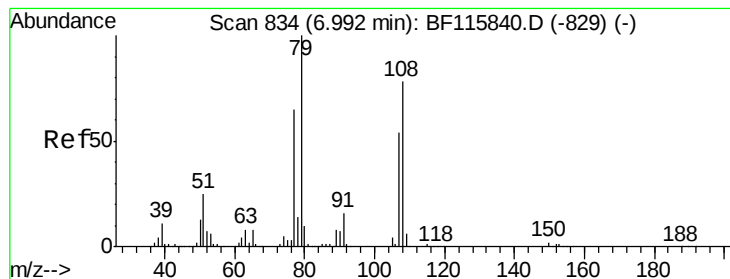


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.203 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.01 min

Lab File: BF115906.D

Acq: 1 Aug 2019 14:32

Instrument :

BNA_F

ClientSampleId :

TP-1-AMS

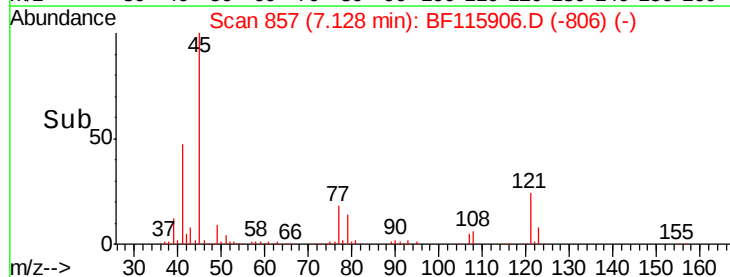
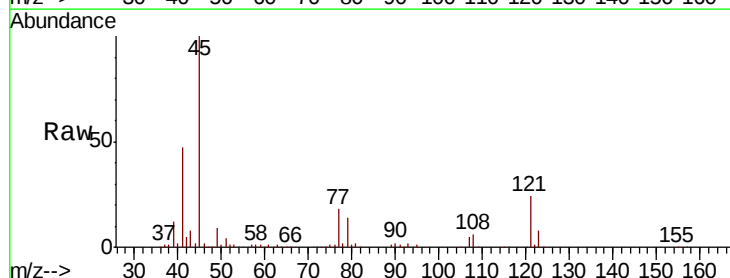
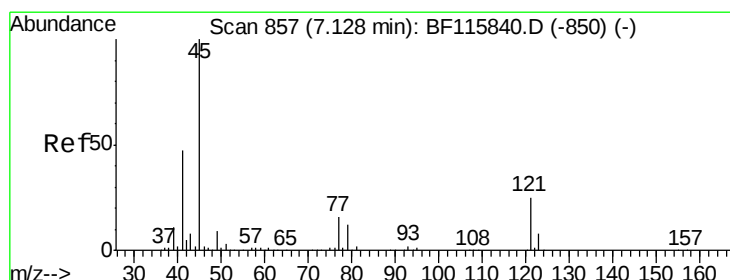
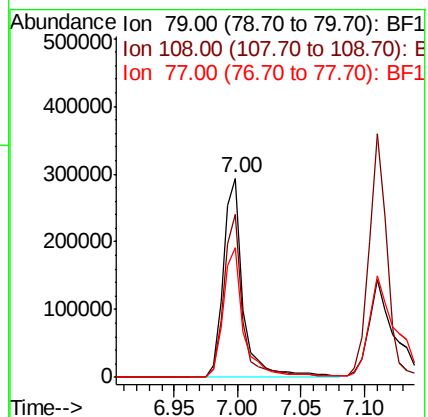
Tgt Ion: 79 Resp: 321687

Ion Ratio Lower Upper

79 100

108 82.1 62.8 94.2

77 65.0 52.0 78.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.890 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF115906.D

Acq: 1 Aug 2019 14:32

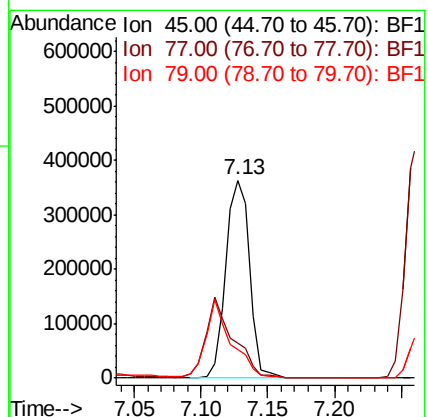
Tgt Ion: 45 Resp: 459337

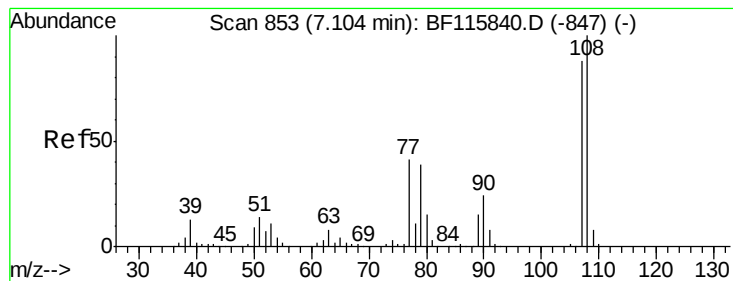
Ion Ratio Lower Upper

45 100

77 17.9 0.0 36.3

79 14.2 0.0 32.5





#17

2-Methylphenol

Concen: 39.048 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.01 min

Lab File: BF115906.D

Acq: 1 Aug 2019 14:32

Instrument :

BNA_F

ClientSampleId :

TP-1-AMS

Tgt Ion:107 Resp: 305543

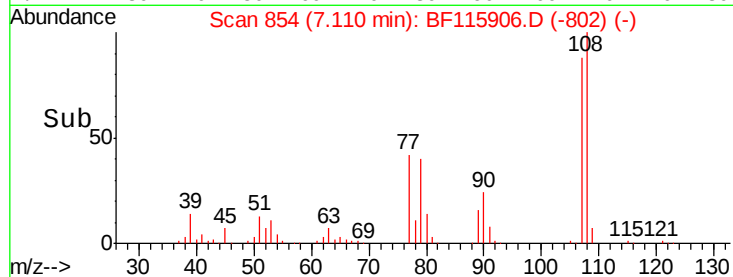
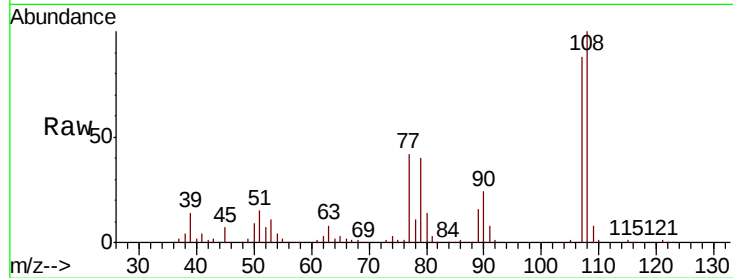
Ion Ratio Lower Upper

107 100

108 113.9 91.4 137.0

77 47.5 37.6 56.4

79 45.6 36.2 54.4

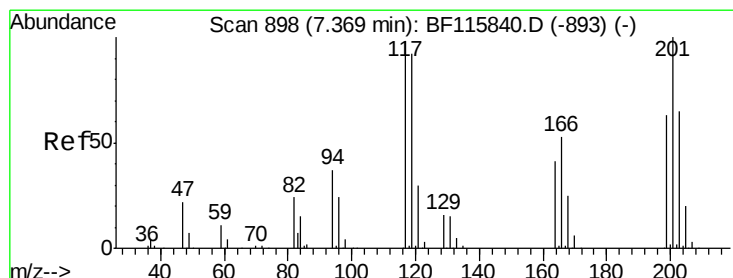
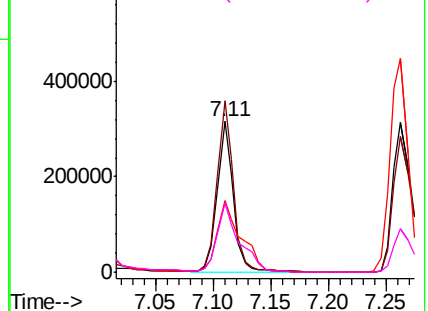


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 35.385 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.00 min

Lab File: BF115906.D

Acq: 1 Aug 2019 14:32

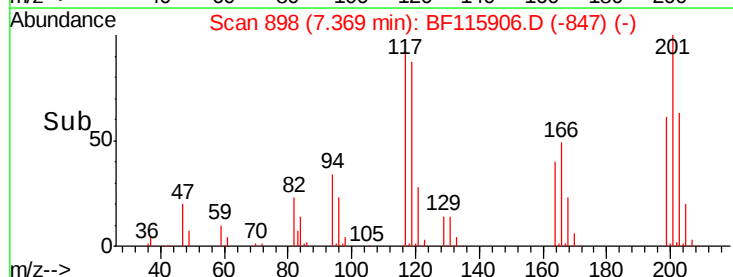
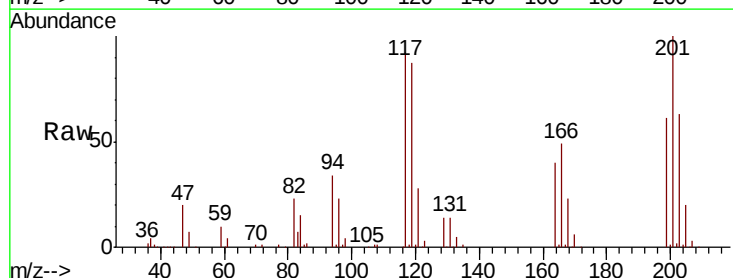
Tgt Ion:117 Resp: 139313

Ion Ratio Lower Upper

117 100

119 94.8 75.8 113.6

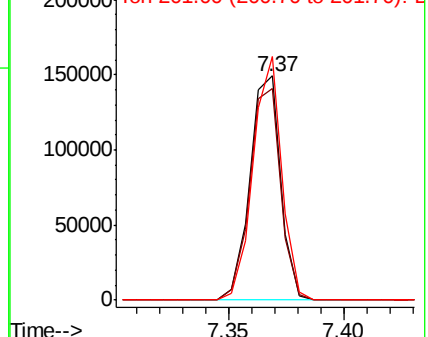
201 108.8 82.0 123.0



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

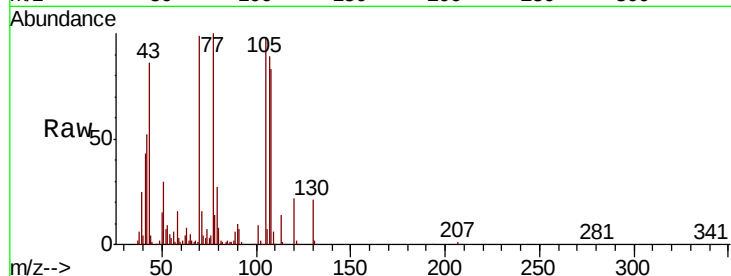




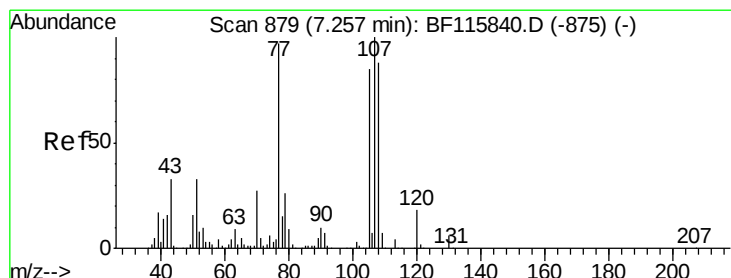
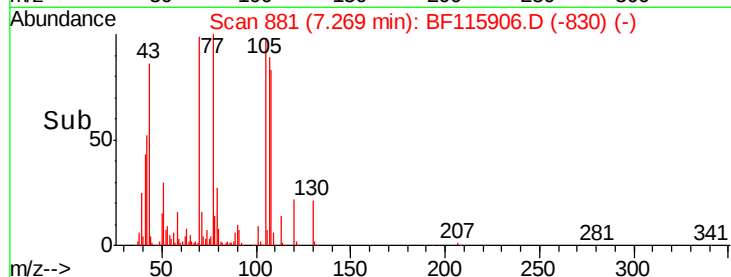
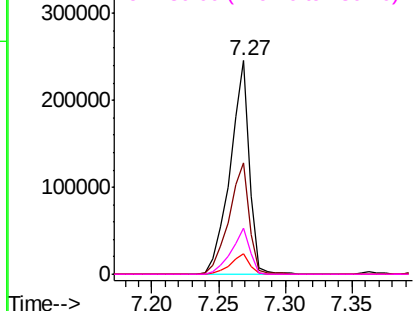
#19
n-Nitroso-di-n-propylamine
Concen: 38.273 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF115906.D
Acq: 1 Aug 2019 14:32

Instrument :
BNA_F
ClientSampleId :
TP-1-AMS

Tgt Ion: 70 Resp: 250066
Ion Ratio Lower Upper
70 100
42 52.4 41.8 62.8
101 9.4 7.7 11.5
130 21.5 17.8 26.6

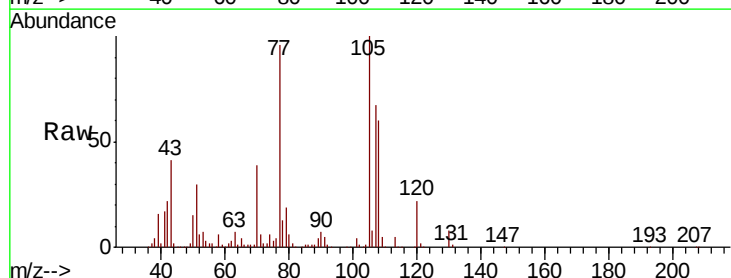


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

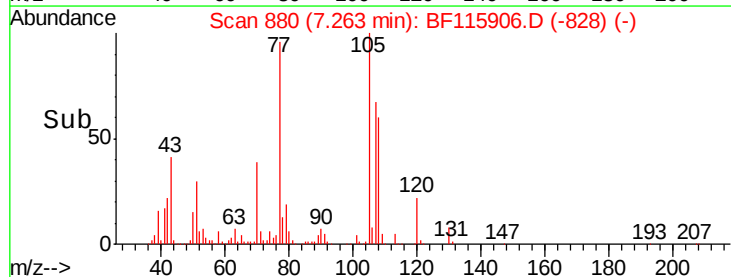
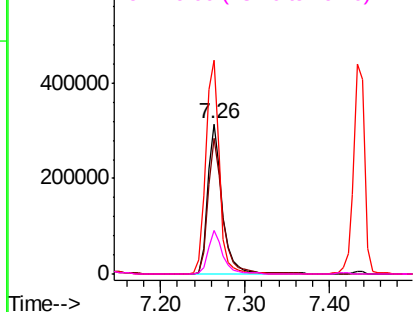


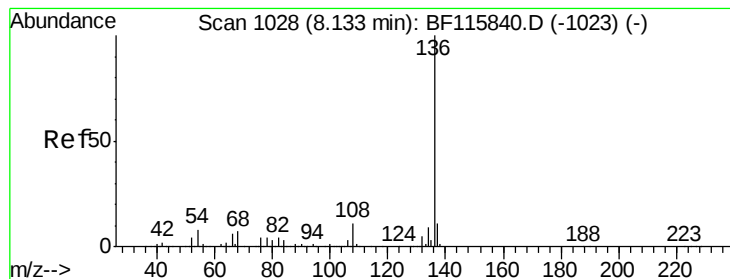
#20
3+4-Methylphenols
Concen: 40.636 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.01 min
Lab File: BF115906.D
Acq: 1 Aug 2019 14:32

Tgt Ion: 107 Resp: 376275
Ion Ratio Lower Upper
107 100
108 89.8 67.9 107.9
77 142.0 77.3 117.3#
79 28.5 6.6 46.6



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF115906.D

Acq: 1 Aug 2019 14:32

Instrument :

BNA_F

ClientSampleId :

TP-1-AMS

Tgt Ion:136 Resp: 531836

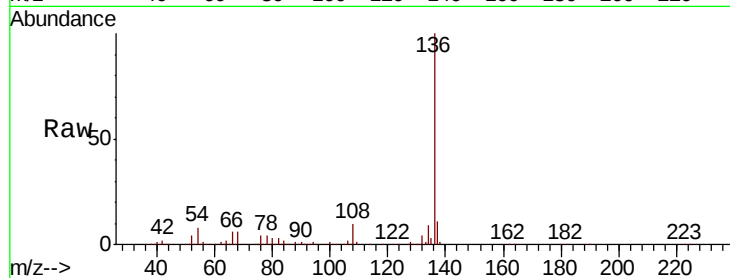
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 7.5 6.1 9.1

68 6.4 5.4 8.2

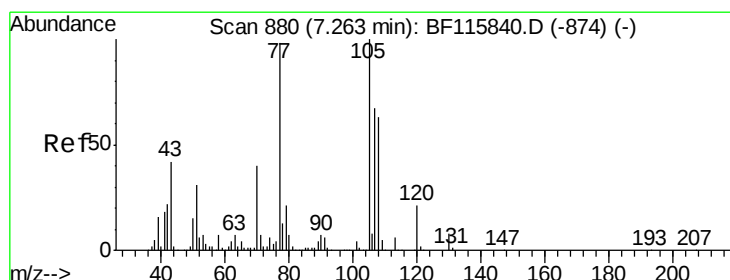
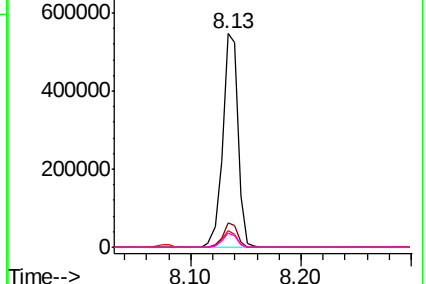
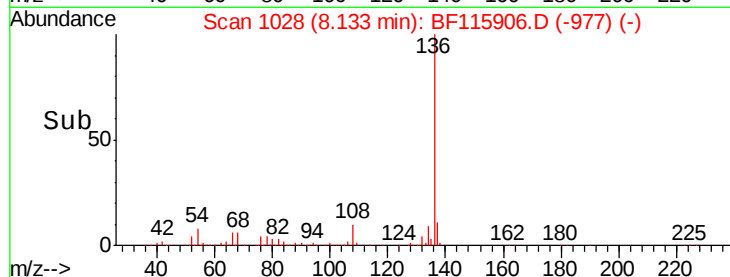


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.177 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF115906.D

Acq: 1 Aug 2019 14:32

Tgt Ion:105 Resp: 491947

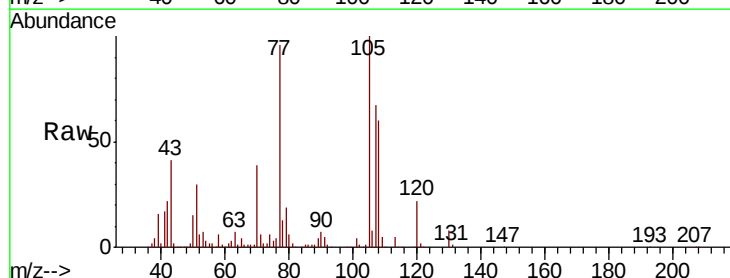
Ion Ratio Lower Upper

105 100

71 6.4 5.4 8.0

51 30.3 24.6 36.8

120 22.1 17.0 25.6

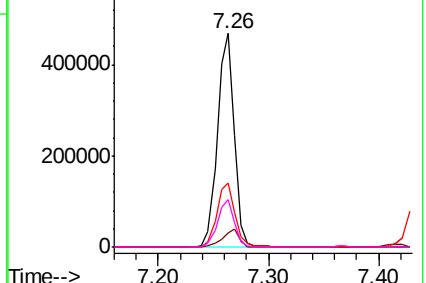
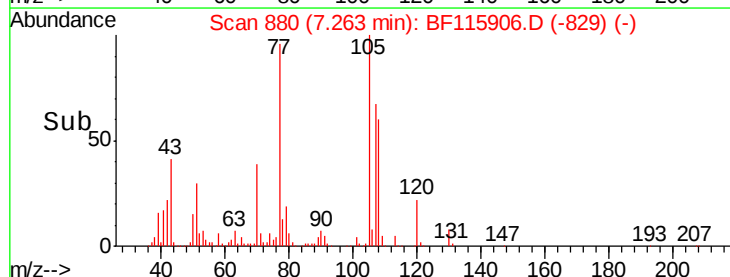


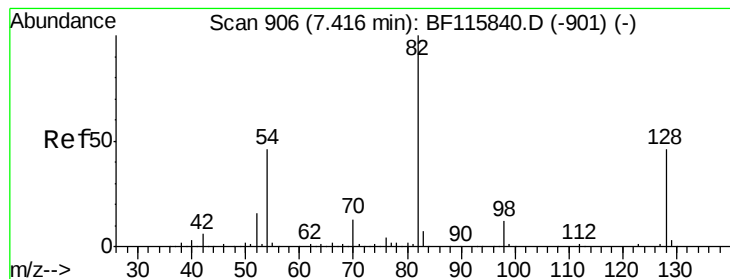
Abundance Ion 105.00 (104.70 to 105.70): E

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: 101.833 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.00 min

Lab File: BF115906.D

Acq: 1 Aug 2019 14:32

Instrument :

BNA_F

ClientSampleId :

TP-1-AMS

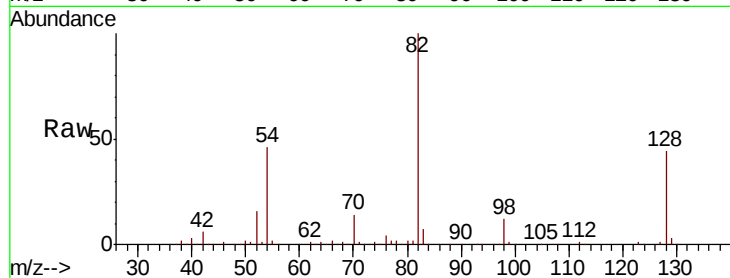
Tgt Ion: 82 Resp: 938243

Ion Ratio Lower Upper

82 100

128 44.4 36.6 55.0

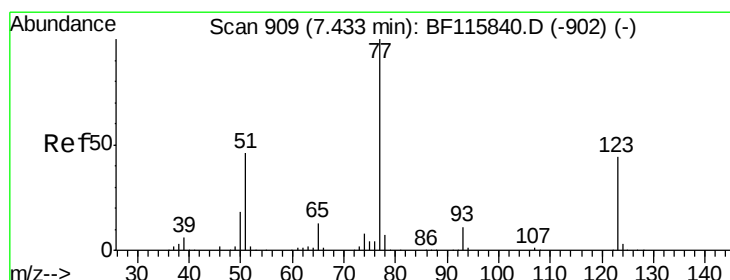
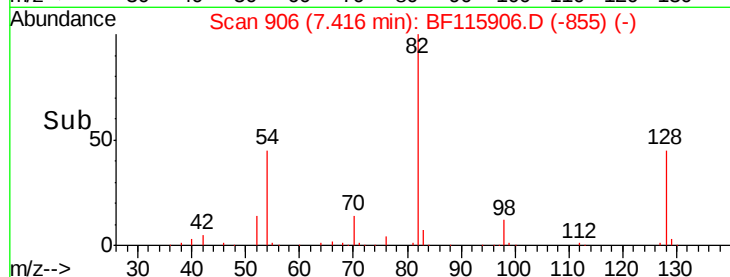
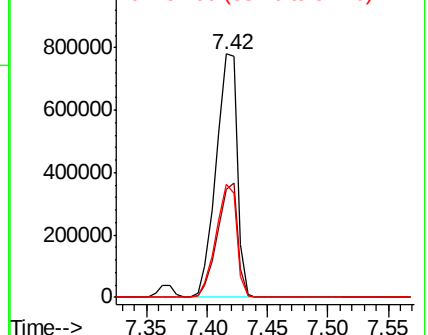
54 46.2 36.6 55.0



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 40.352 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.00 min

Lab File: BF115906.D

Acq: 1 Aug 2019 14:32

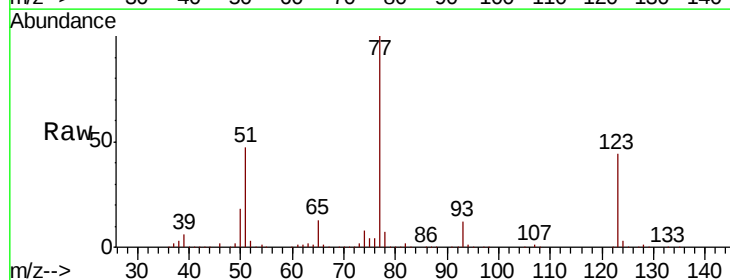
Tgt Ion: 77 Resp: 401440

Ion Ratio Lower Upper

77 100

123 44.2 35.5 53.3

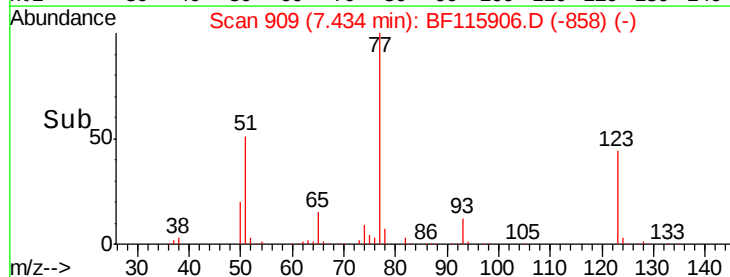
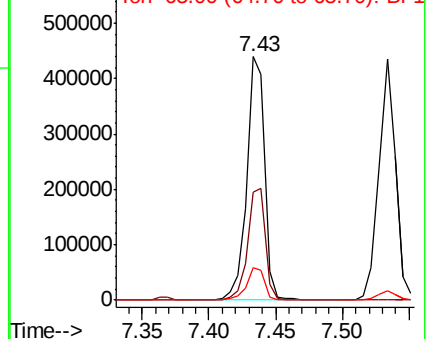
65 13.4 10.6 15.8

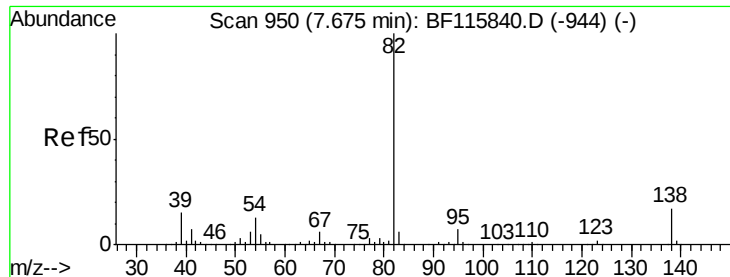


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 40.203 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF115906.D

Acq: 1 Aug 2019 14:32

Instrument :

BNA_F

ClientSampleId :

TP-1-AMS

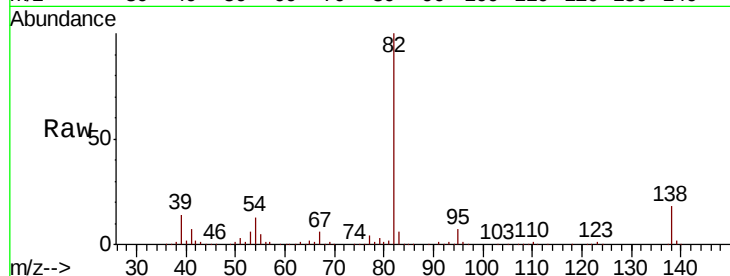
Tgt Ion: 82 Resp: 708282

Ion Ratio Lower Upper

82 100

95 6.8 5.5 8.3

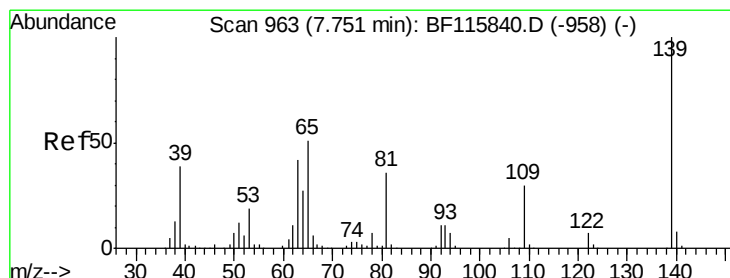
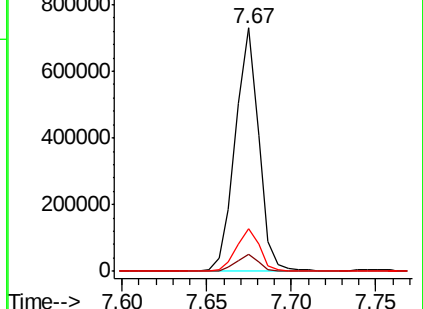
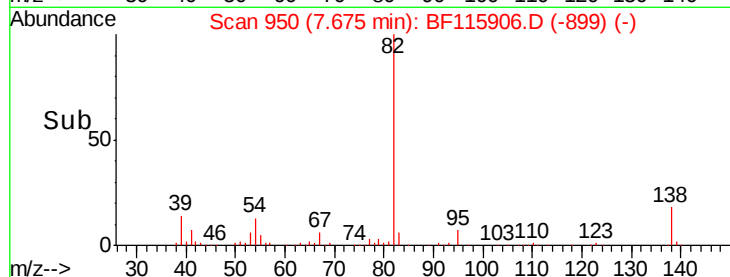
138 17.8 13.9 20.9



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: 41.559 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF115906.D

Acq: 1 Aug 2019 14:32

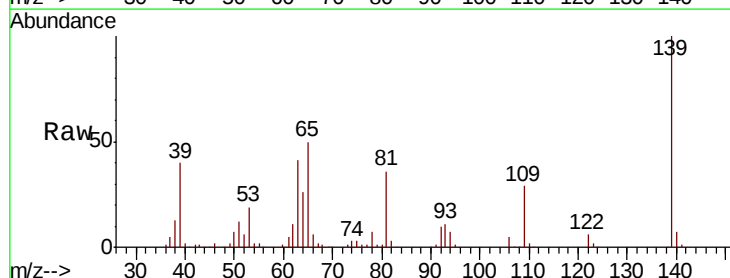
Tgt Ion: 139 Resp: 194894

Ion Ratio Lower Upper

139 100

109 28.6 23.6 35.4

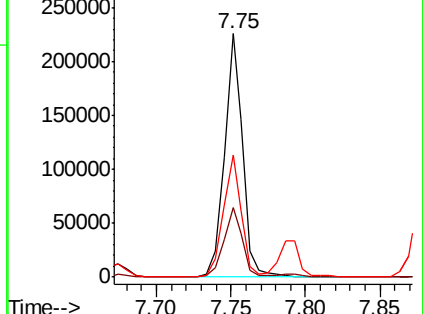
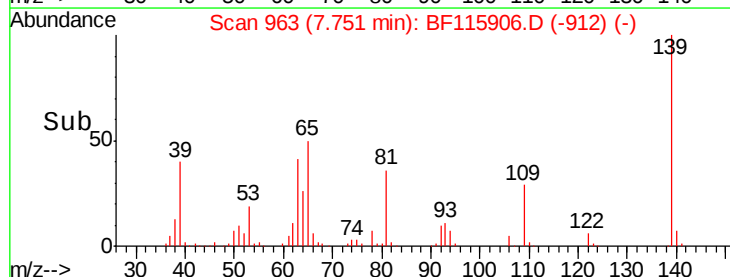
65 50.3 40.6 60.8

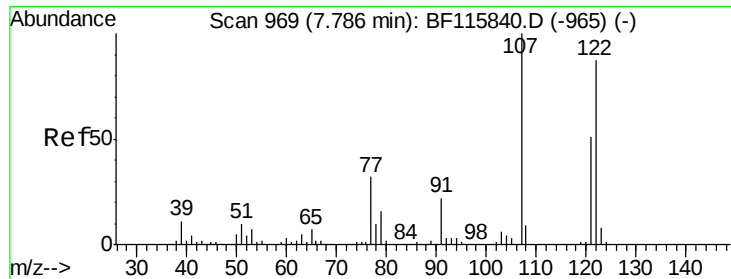


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

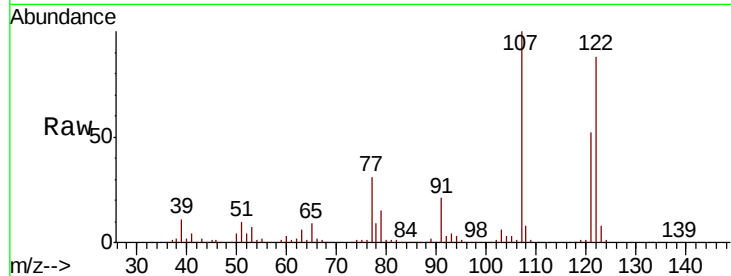




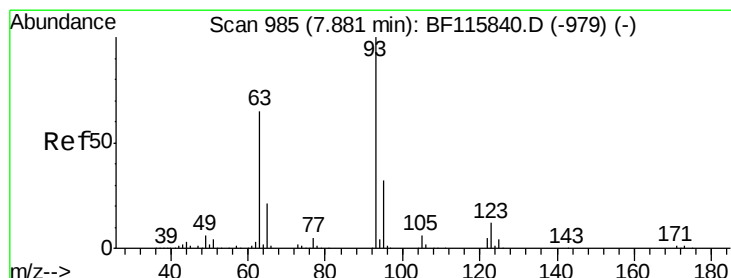
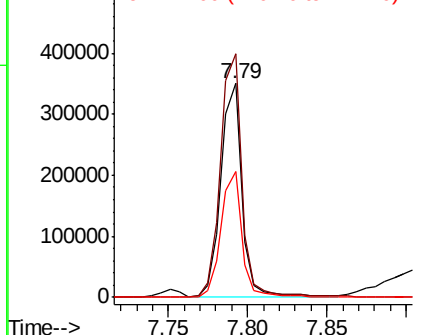
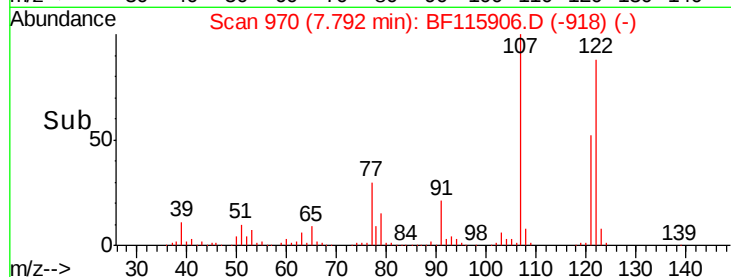
#27
 2,4-Dimethylphenol
 Concen: 46.053 ng
 RT: 7.79 min Scan# 970
 Delta R.T. 0.01 min
 Lab File: BF115906.D
 Acq: 1 Aug 2019 14:32

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-AMS

Tgt Ion:122 Resp: 324921
 Ion Ratio Lower Upper
 122 100
 107 114.0 91.7 137.5
 121 58.9 46.6 70.0

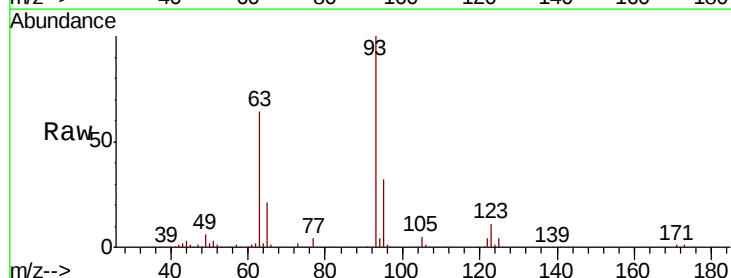


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

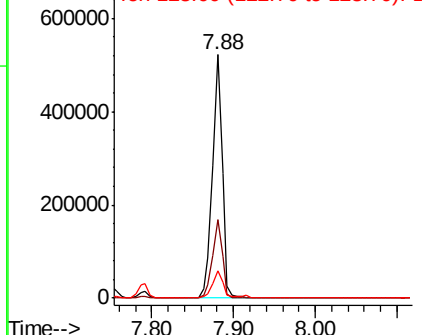
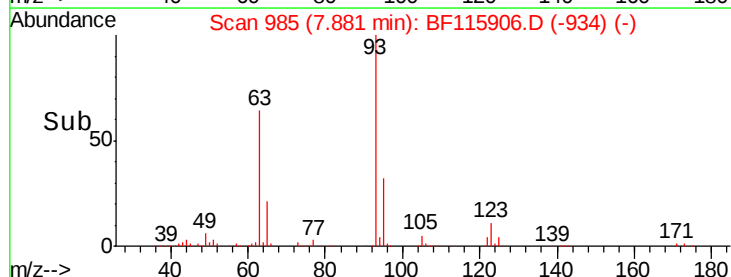


#28
 bis(2-Chloroethoxy)methane
 Concen: 39.865 ng
 RT: 7.88 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: BF115906.D
 Acq: 1 Aug 2019 14:32

Tgt Ion: 93 Resp: 435316
 Ion Ratio Lower Upper
 93 100
 95 32.3 26.0 39.0
 123 11.4 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

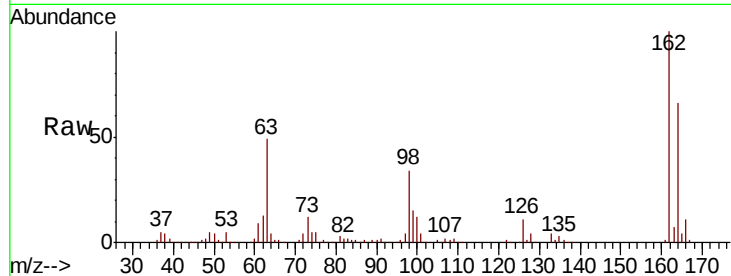




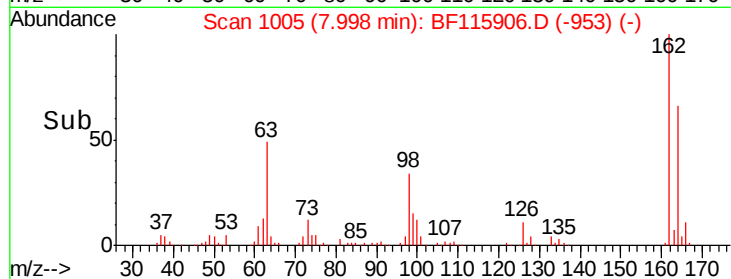
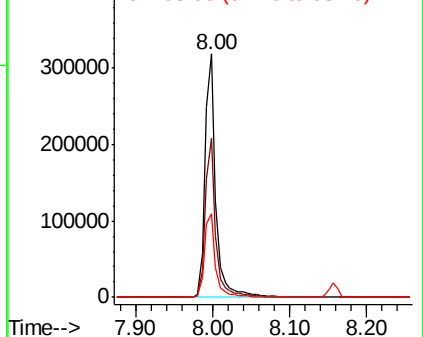
#29
2,4-Dichlorophenol
Concen: 41.555 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.01 min
Lab File: BF115906.D
Acq: 1 Aug 2019 14:32

Instrument :
BNA_F
ClientSampleId :
TP-1-AMS

Tgt Ion:162 Resp: 309565
Ion Ratio Lower Upper
162 100
164 65.6 43.2 83.2
98 34.1 17.3 57.3

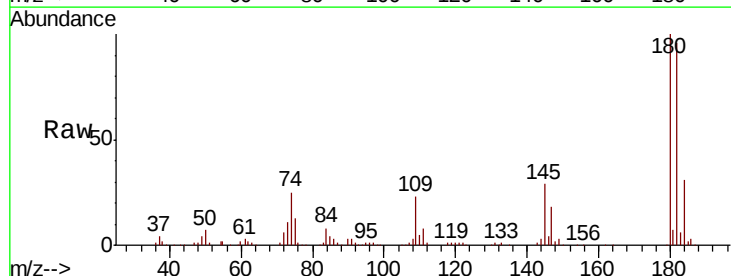


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

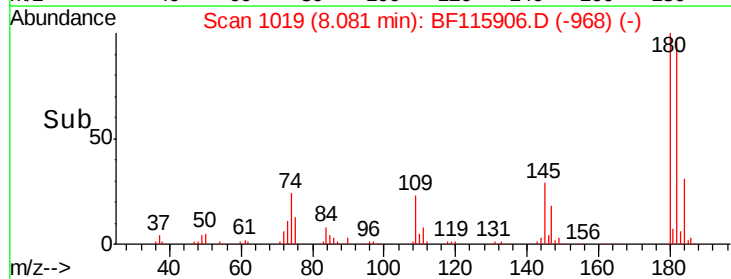
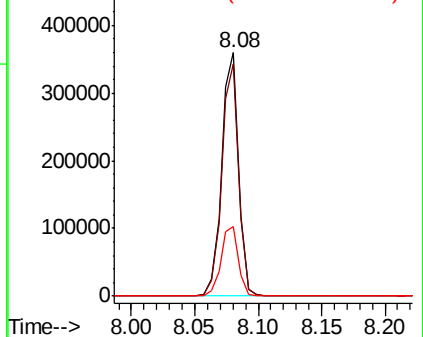


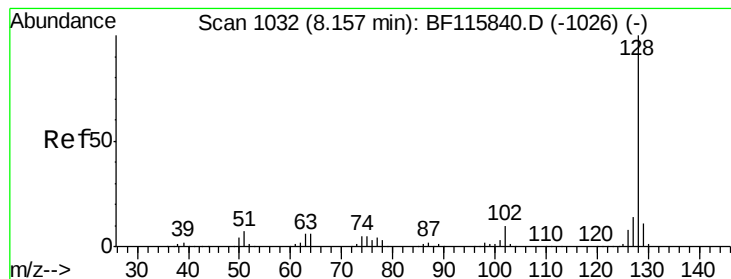
#30
1,2,4-Trichlorobenzene
Concen: 39.370 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF115906.D
Acq: 1 Aug 2019 14:32

Tgt Ion:180 Resp: 334317
Ion Ratio Lower Upper
180 100
182 95.5 76.6 114.8
145 28.7 23.2 34.8



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.492 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF115906.D

Acq: 1 Aug 2019 14:32

Instrument :

BNA_F

ClientSampleId :

TP-1-AMS

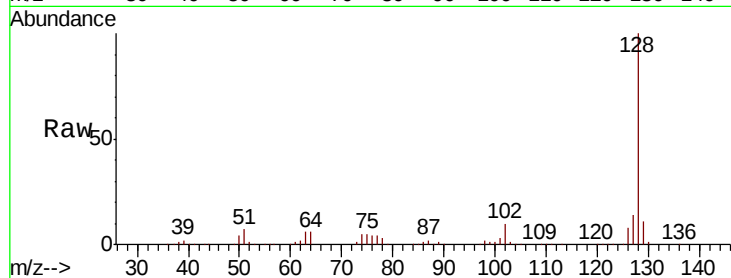
Tgt Ion:128 Resp: 1038425

Ion Ratio Lower Upper

128 100

129 11.5 9.2 13.8

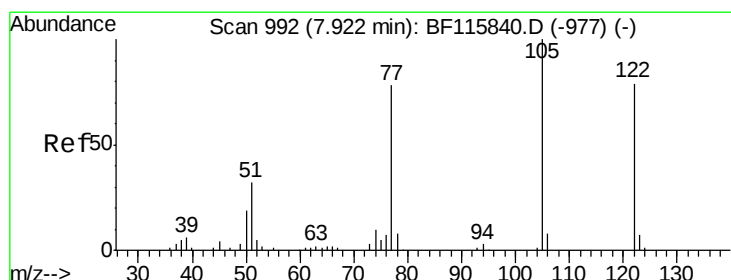
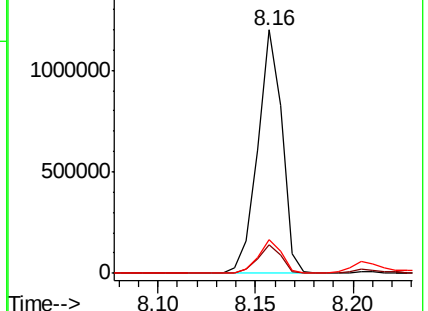
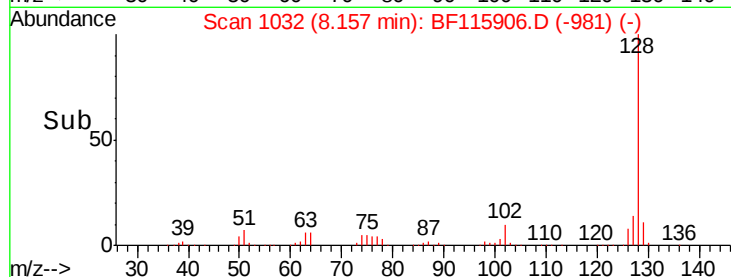
127 13.9 11.0 16.4



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: 23.790 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.01 min

Lab File: BF115906.D

Acq: 1 Aug 2019 14:32

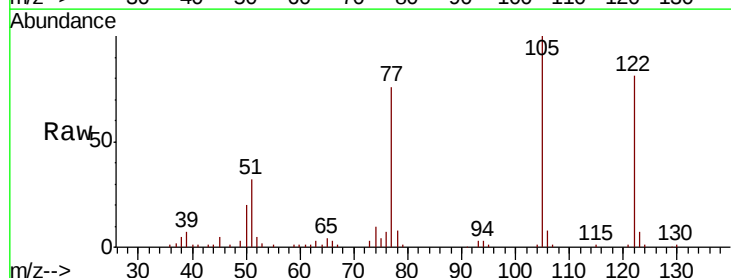
Tgt Ion:122 Resp: 118338

Ion Ratio Lower Upper

122 100

105 123.9 103.1 143.1

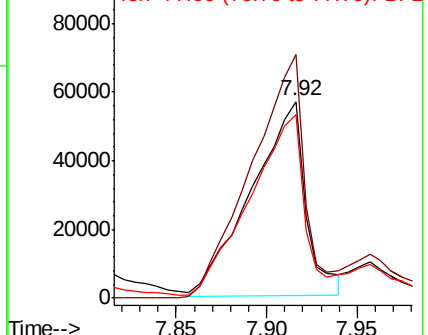
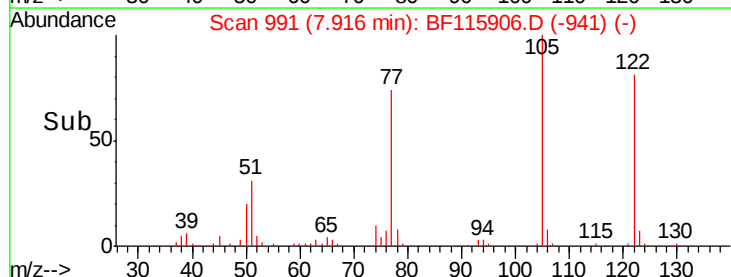
77 93.7 76.8 116.8

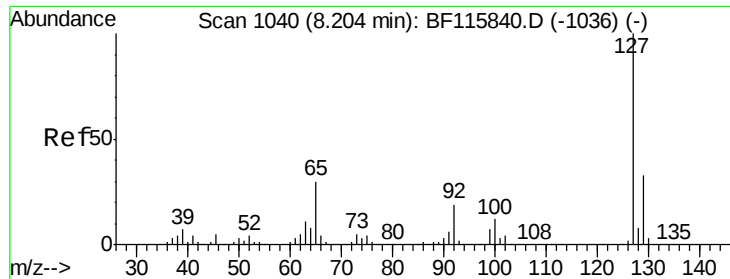


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

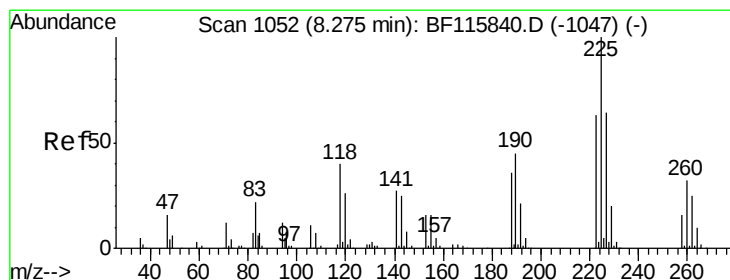
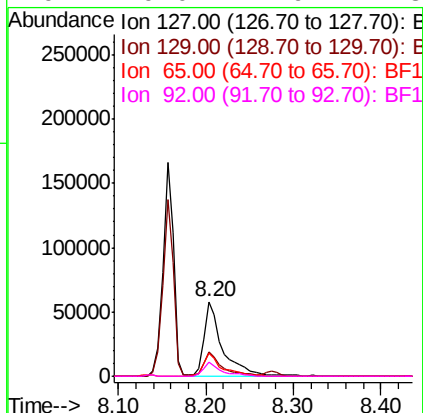
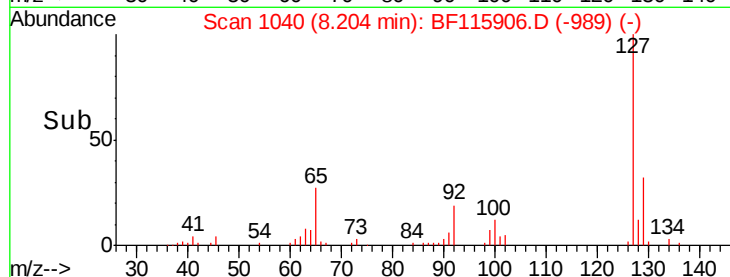
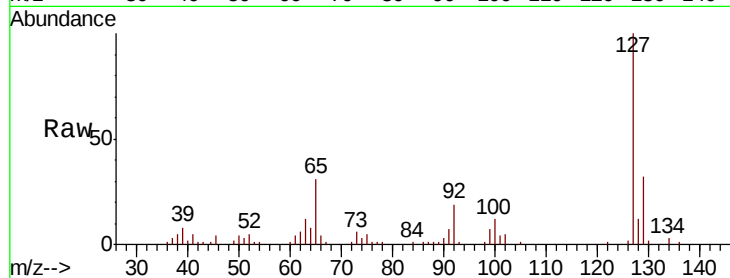




#33
4-Chloroaniline
Concen: 7.664 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF115906.D
Acq: 1 Aug 2019 14:32

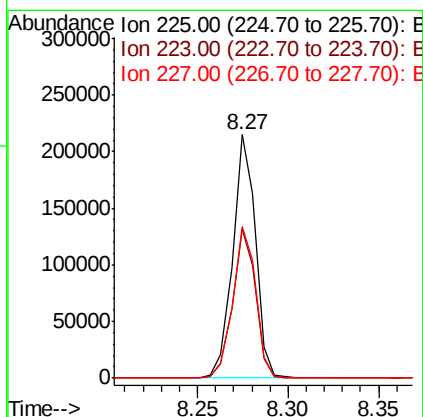
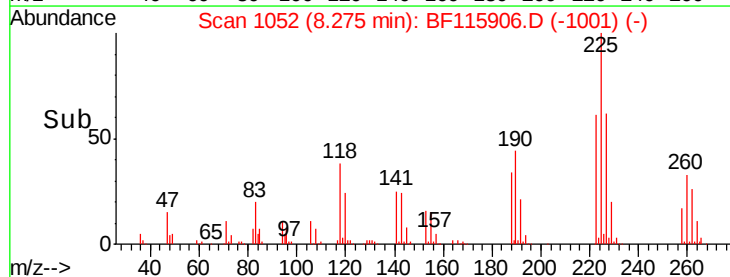
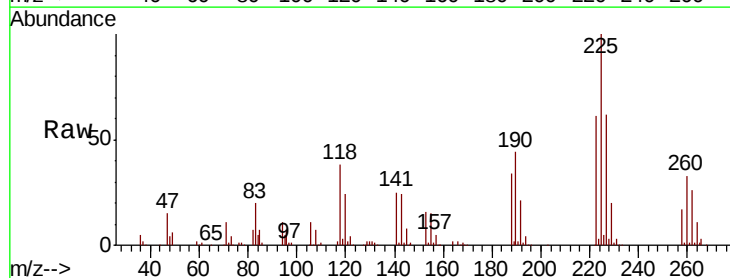
Instrument :
BNA_F
ClientSampleId :
TP-1-AMS

Tgt Ion:	127	Resp:	85703
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.0	39.0
65	31.0	23.9	35.9
92	19.0	14.9	22.3



#34
Hexachlorobutadiene
Concen: 38.316 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF115906.D
Acq: 1 Aug 2019 14:32

Tgt Ion:	225	Resp:	187412
Ion	Ratio	Lower	Upper
225	100		
223	61.2	50.4	75.6
227	62.0	51.6	77.4

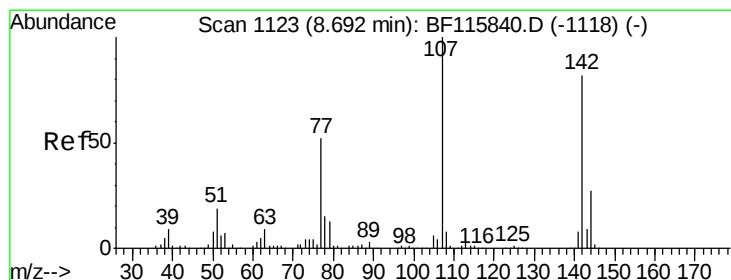
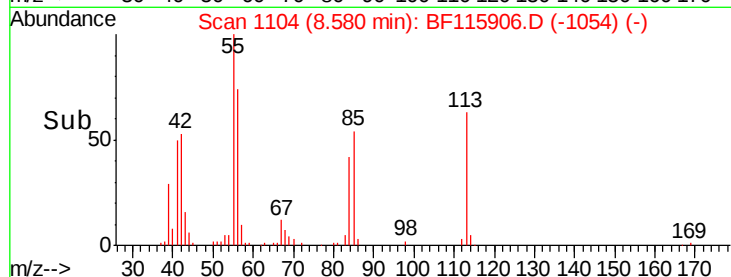
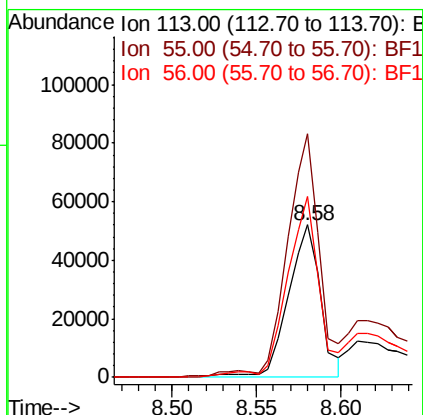
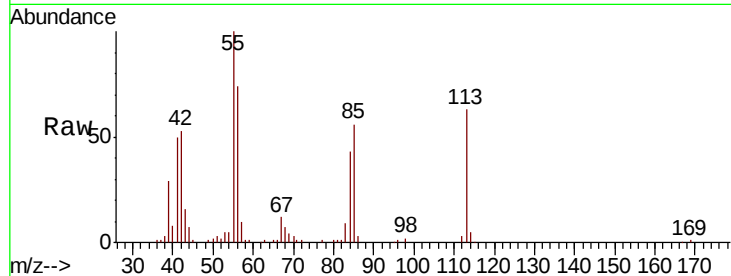




#35
 Caprolactam
 Concen: 28.676 ng
 RT: 8.58 min Scan# 1104
 Delta R.T. -0.01 min
 Lab File: BF115906.D
 Acq: 1 Aug 2019 14:32

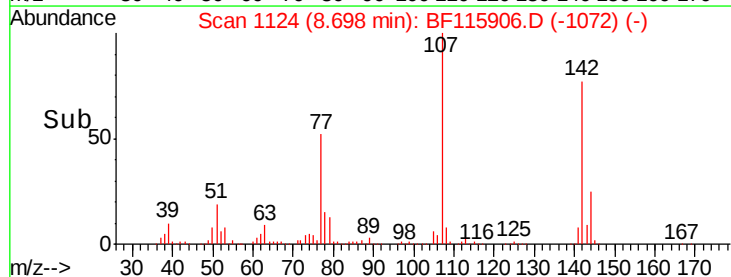
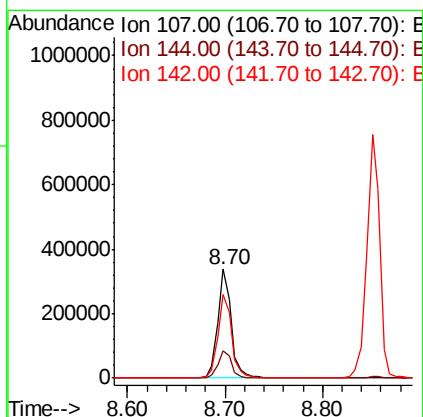
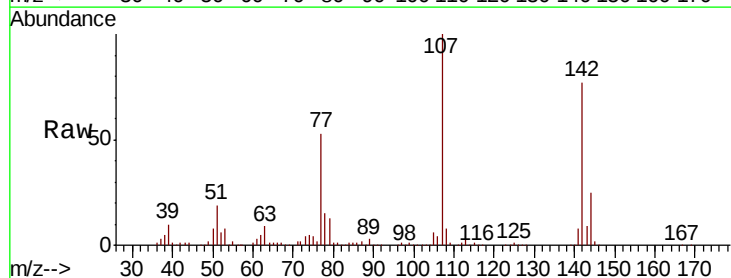
Instrument :
 BNA_F
 ClientSampleId :
 TP-1-AMS

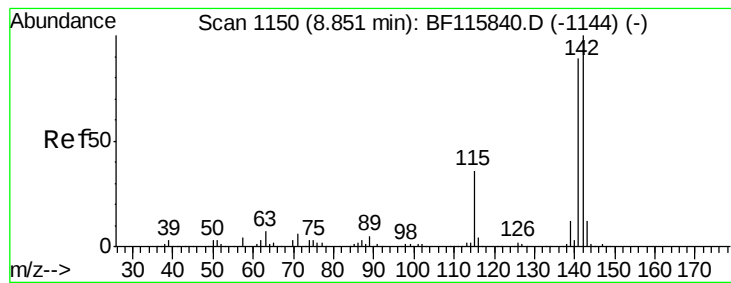
Tgt Ion:113 Resp: 69091
 Ion Ratio Lower Upper
 113 100
 55 159.5 138.1 178.1
 56 118.2 100.6 140.6



#36
 4-Chloro-3-methylphenol
 Concen: 41.960 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. 0.01 min
 Lab File: BF115906.D
 Acq: 1 Aug 2019 14:32

Tgt Ion:107 Resp: 325183
 Ion Ratio Lower Upper
 107 100
 144 24.5 21.4 32.0
 142 77.1 65.5 98.3

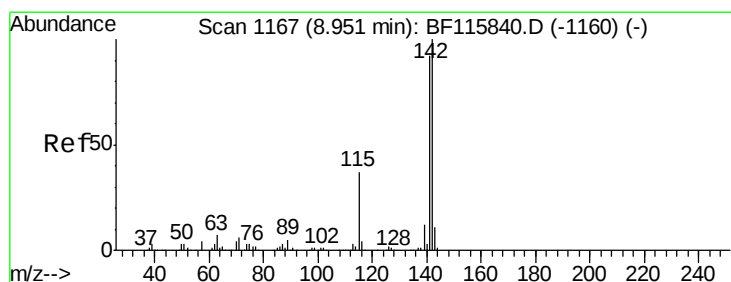
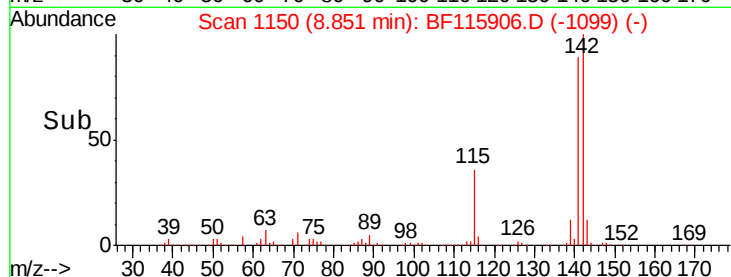
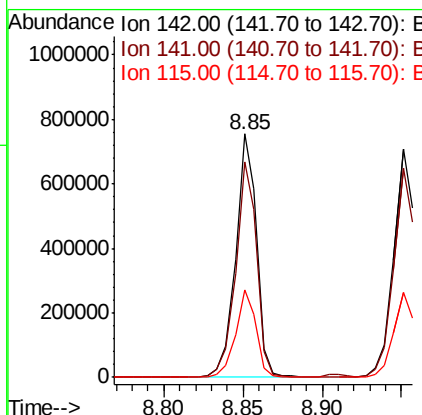
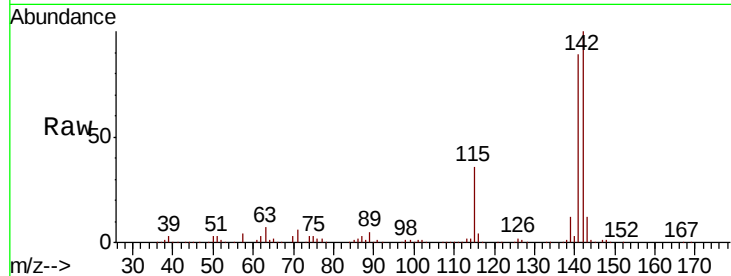




#37
2-Methylnaphthalene
Concen: 41.831 ng
RT: 8.85 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BF115906.D
Acq: 1 Aug 2019 14:32

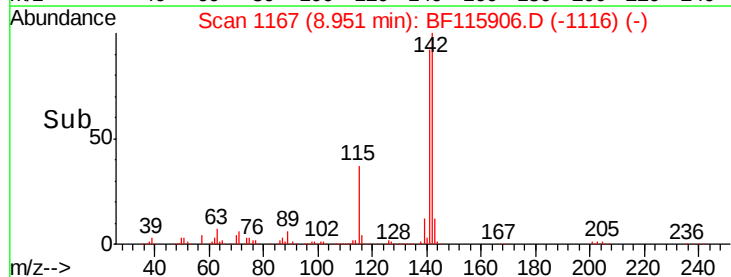
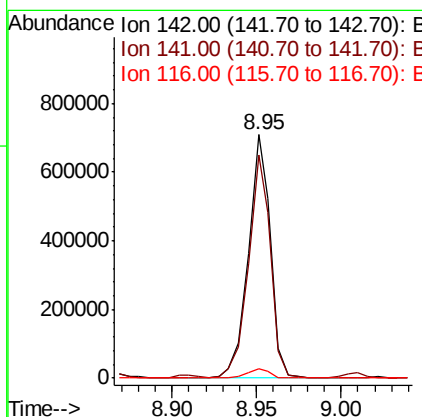
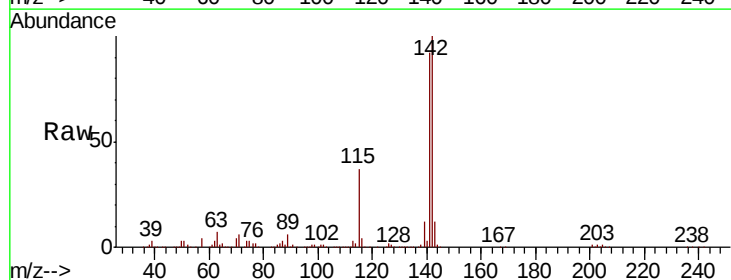
Instrument :
BNA_F
ClientSampleId :
TP-1-AMS

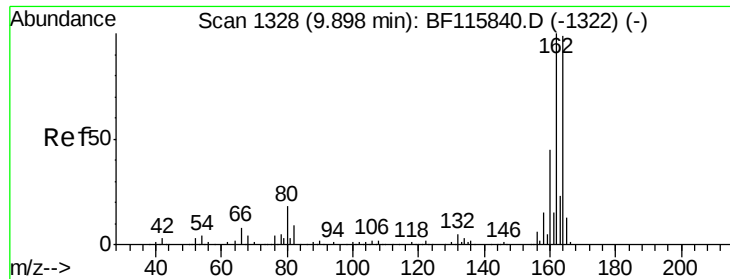
Tgt Ion:142 Resp: 689477
Ion Ratio Lower Upper
142 100
141 88.7 71.4 107.2
115 35.8 28.9 43.3



#38
1-Methylnaphthalene
Concen: 41.378 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF115906.D
Acq: 1 Aug 2019 14:32

Tgt Ion:142 Resp: 645205
Ion Ratio Lower Upper
142 100
141 91.6 73.8 110.6
116 3.8 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1328

Delta R.T. 0.00 min

Lab File: BF115906.D

Acq: 1 Aug 2019 14:32

Instrument :

BNA_F

ClientSampleId :

TP-1-AMS

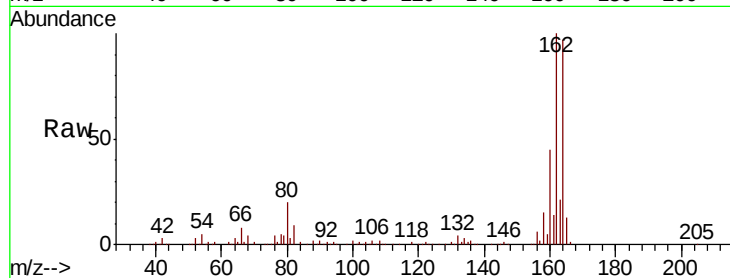
Tgt Ion:164 Resp: 269578

Ion Ratio Lower Upper

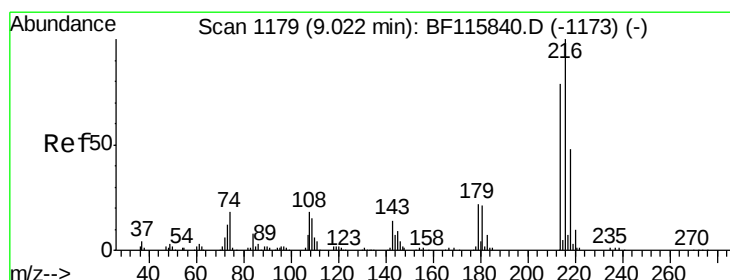
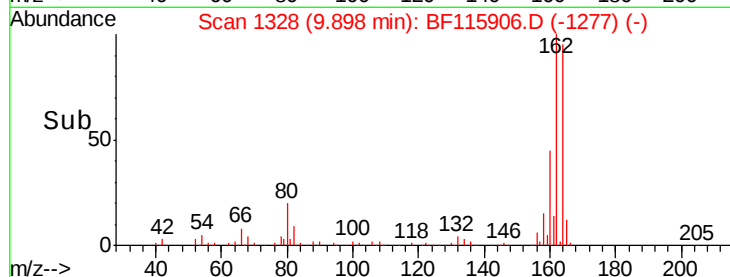
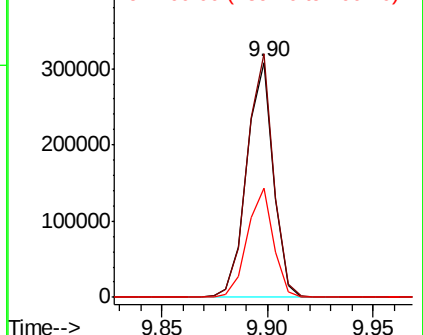
164 100

162 103.5 80.8 121.2

160 46.6 36.2 54.4



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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.613 ng

RT: 9.02 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BF115906.D

Acq: 1 Aug 2019 14:32

Tgt Ion:216 Resp: 307106

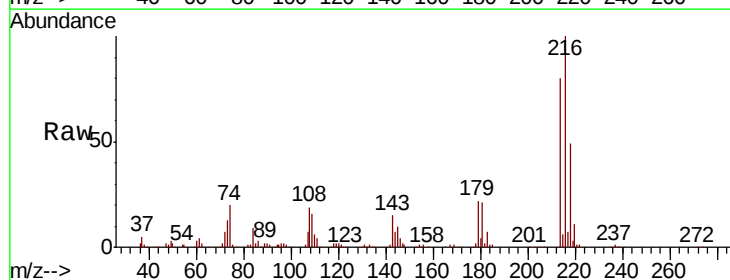
Ion Ratio Lower Upper

216 100

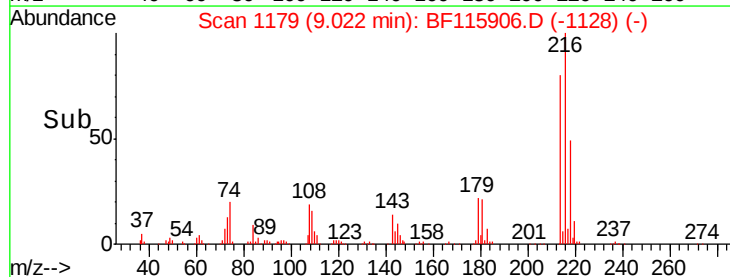
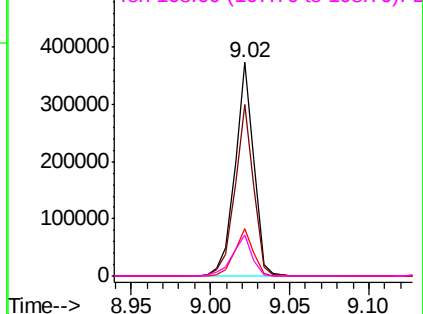
214 79.6 62.8 94.2

179 22.0 17.6 26.4

108 20.3 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

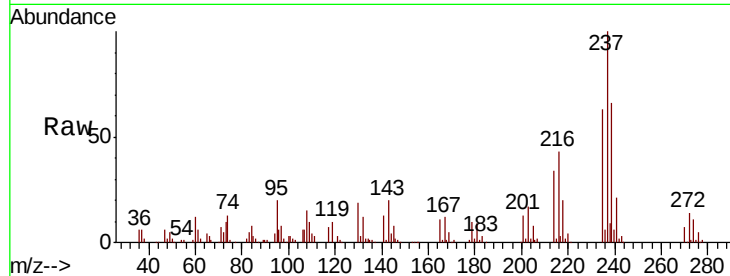




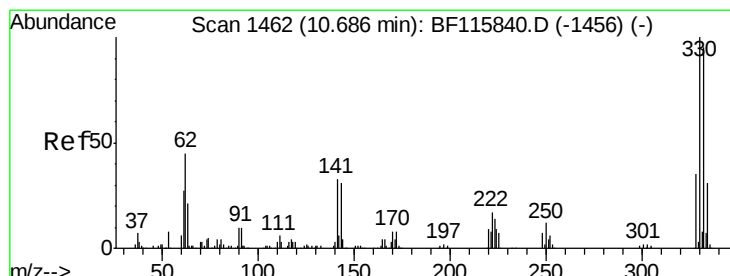
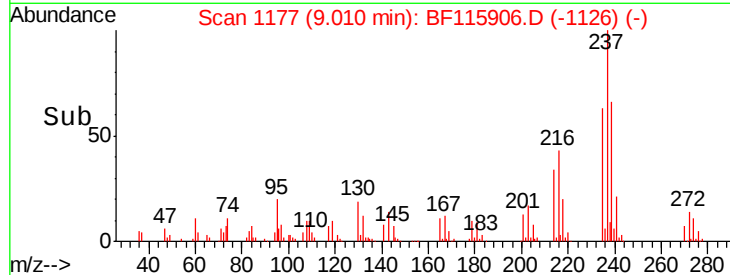
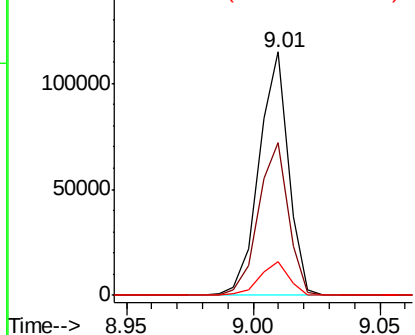
#41
Hexachlorocyclopentadiene
Concen: 32.622 ng
RT: 9.01 min Scan# 1177
Delta R.T. 0.00 min
Lab File: BF115906.D
Acq: 1 Aug 2019 14:32

Instrument :
BNA_F
ClientSampleId :
TP-1-AMS

Tgt Ion: 237 Resp: 93292
Ion Ratio Lower Upper
237 100
235 62.9 42.5 82.5
272 13.7 0.0 33.3

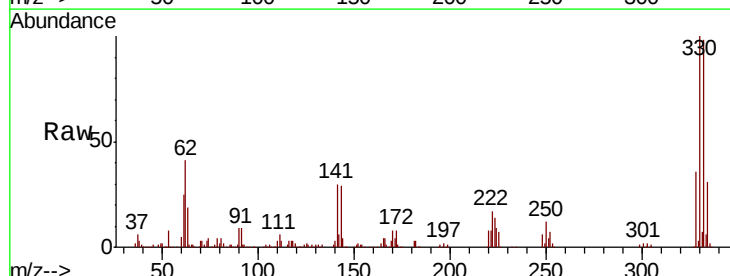


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

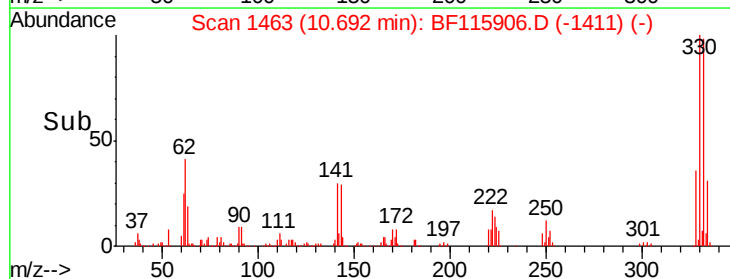
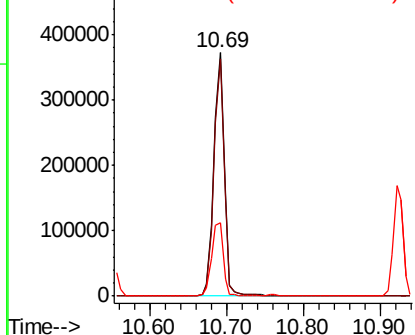


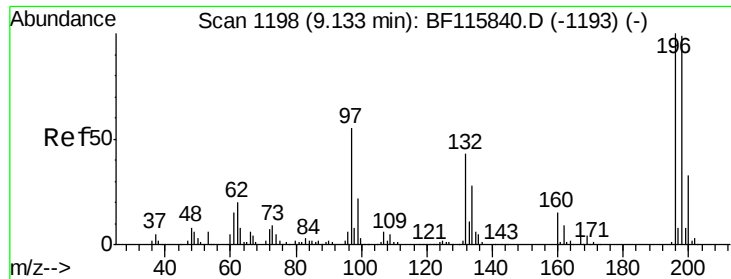
#42
2,4,6-Tribromophenol
Concen: 132.529 ng
RT: 10.69 min Scan# 1463
Delta R.T. 0.01 min
Lab File: BF115906.D
Acq: 1 Aug 2019 14:32

Tgt Ion: 330 Resp: 346382
Ion Ratio Lower Upper
330 100
332 96.5 77.7 116.5
141 33.8 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

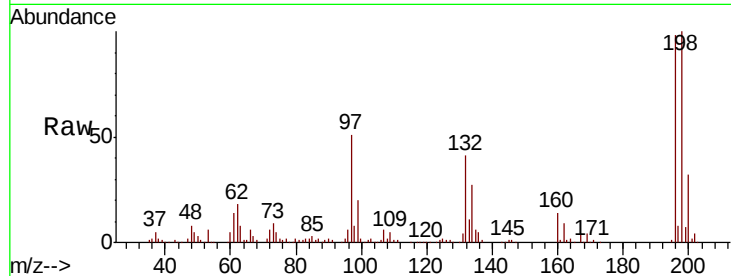




#43
 2,4,6-Trichlorophenol
 Concen: 40.946 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF115906.D
 Acq: 1 Aug 2019 14:32

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-AMS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.7	79.1	118.7
200	32.3	26.0	39.0

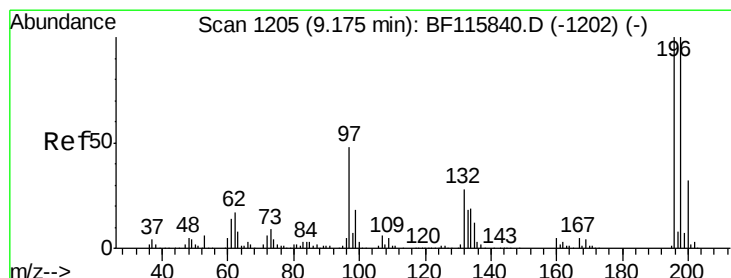
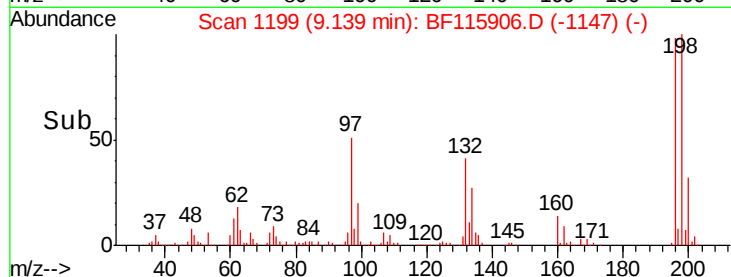
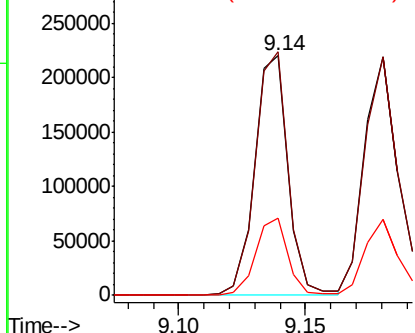


Abundance

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: 42.517 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BF115906.D
 Acq: 1 Aug 2019 14:32

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.1	80.1	120.1
97	49.5	38.9	58.3
132	28.1	22.6	33.8

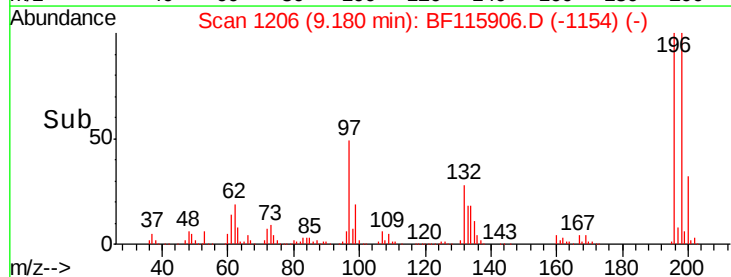
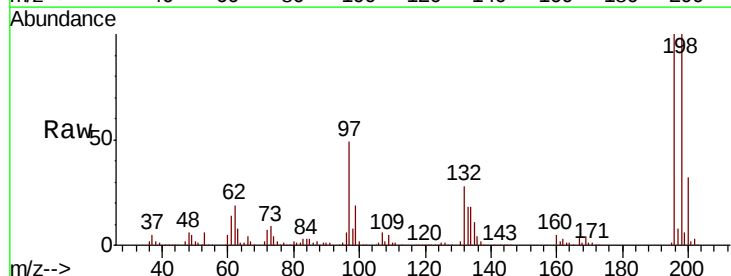
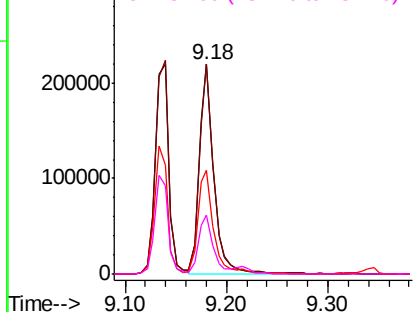
Abundance

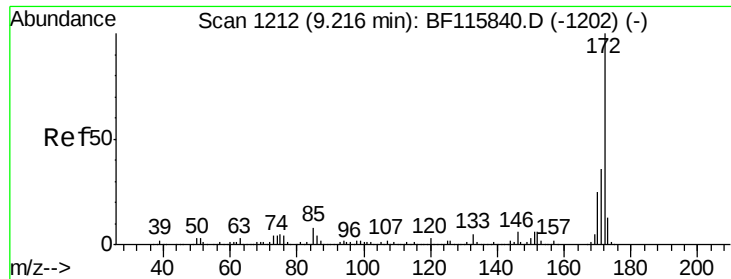
Ion 196.00 (195.70 to 196.70): E

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

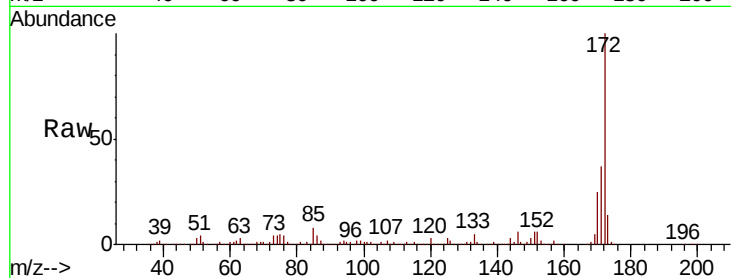




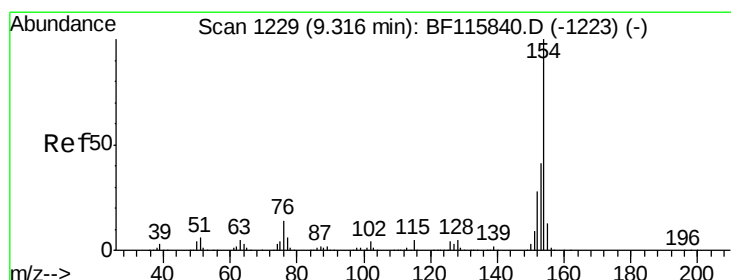
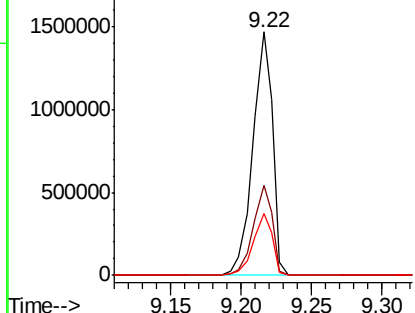
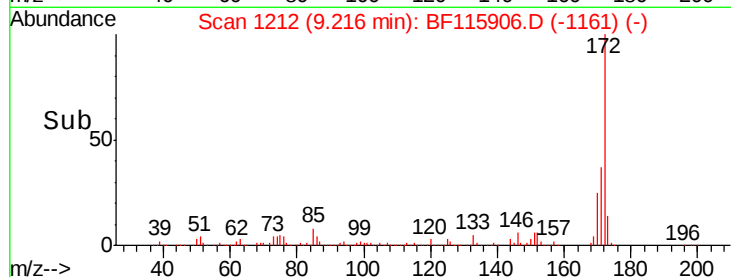
#45
 2-Fluorobiphenyl
 Concen: 100.285 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF115906.D
 Acq: 1 Aug 2019 14:32

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-AMS

Tgt Ion:172 Resp: 1443328
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.1 43.7
 170 25.2 20.1 30.1

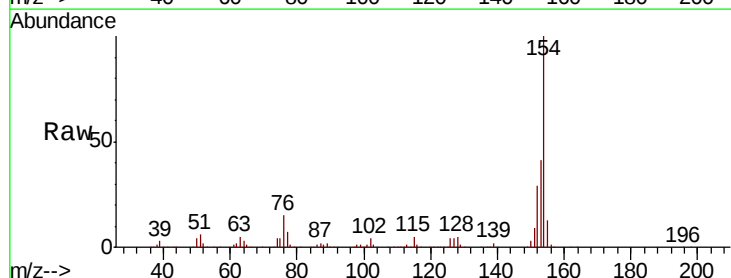


Abundance Ion 172.00 (171.70 to 172.70): E
 2000000 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

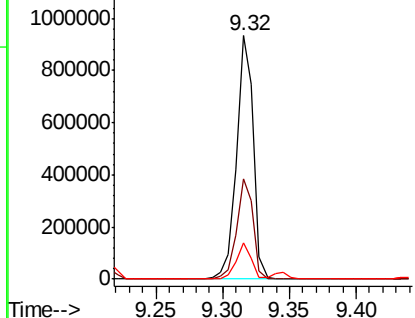
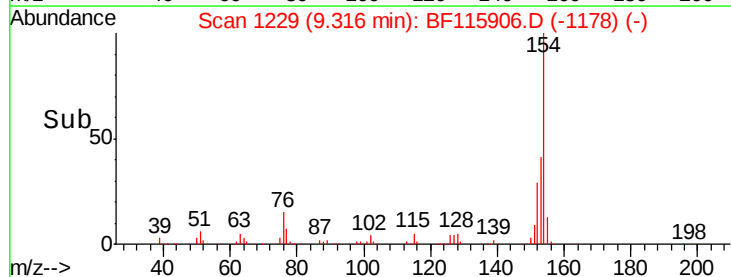


#46
 1,1'-Biphenyl
 Concen: 43.175 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: BF115906.D
 Acq: 1 Aug 2019 14:32

Tgt Ion:154 Resp: 821704
 Ion Ratio Lower Upper
 154 100
 153 41.0 20.9 60.9
 76 14.8 0.0 34.3



Abundance Ion 154.00 (153.70 to 154.70): E
 1200000 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

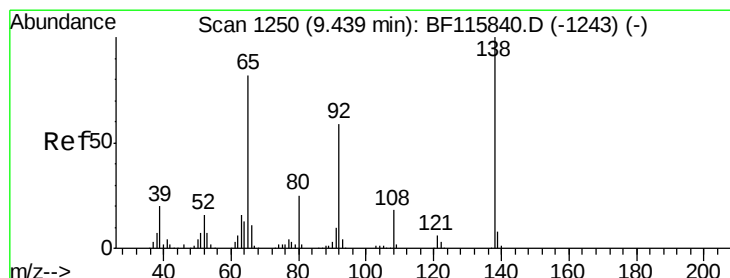
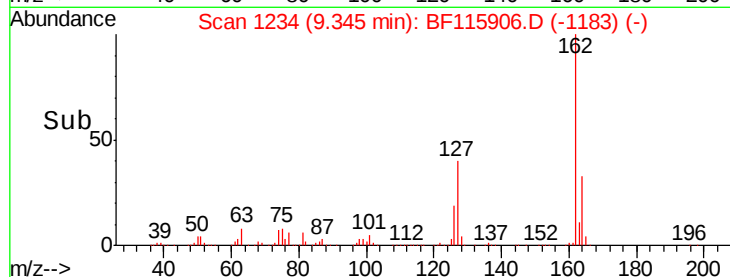
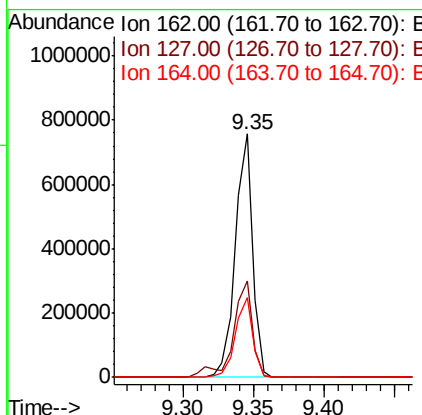
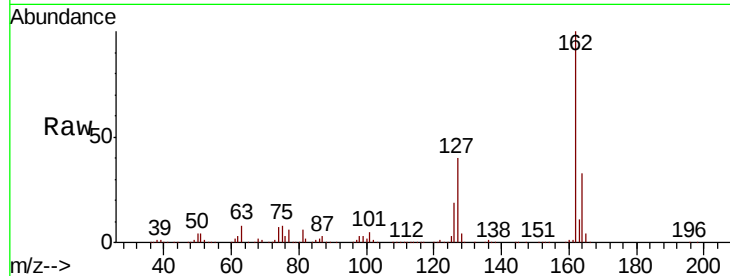




#47
 2-Chloronaphthalene
 Concen: 40.790 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. 0.00 min
 Lab File: BF115906.D
 Acq: 1 Aug 2019 14:32

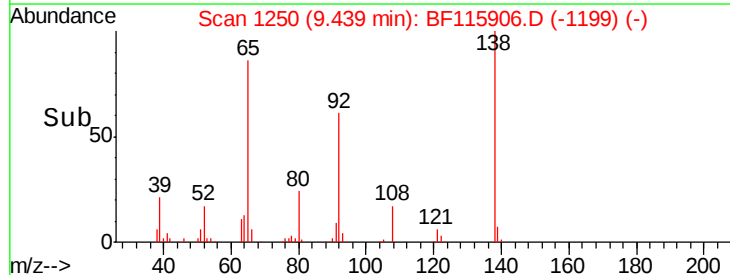
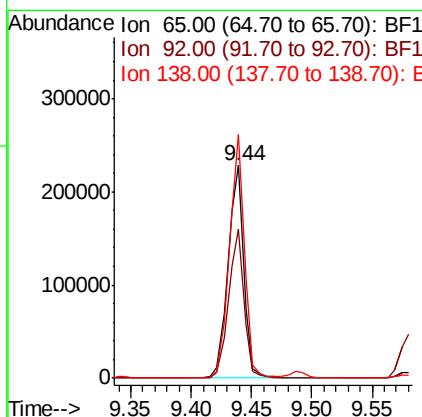
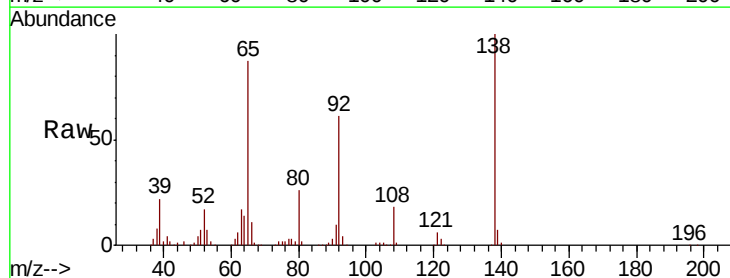
Instrument :
 BNA_F
 ClientSampleId :
 TP-1-AMS

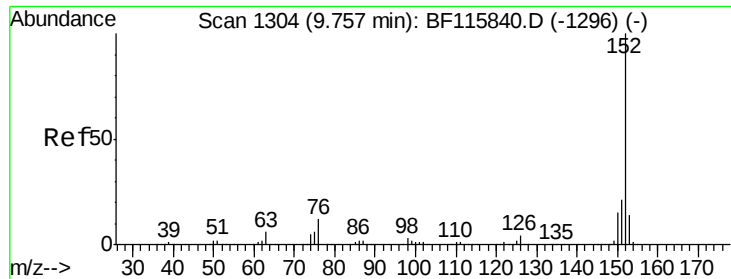
Tgt Ion:	162	Resp:	646124
Ion	Ratio	Lower	Upper
162	100		
127	39.6	31.3	46.9
164	32.9	26.6	40.0



#48
 2-Nitroaniline
 Concen: 39.505 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. 0.00 min
 Lab File: BF115906.D
 Acq: 1 Aug 2019 14:32

Tgt Ion:	65	Resp:	206842
Ion	Ratio	Lower	Upper
65	100		
92	69.8	57.1	85.7
138	114.5	97.1	145.7





#49

Acenaphthylene

Concen: 43.952 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BF115906.D

Acq: 1 Aug 2019 14:32

Instrument :

BNA_F

ClientSampleId :

TP-1-AMS

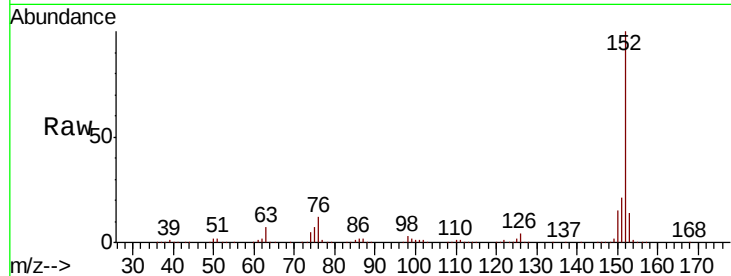
Tgt Ion:152 Resp: 1015703

Ion Ratio Lower Upper

152 100

151 21.1 16.8 25.2

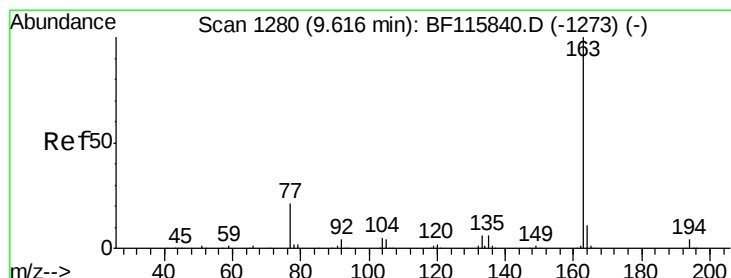
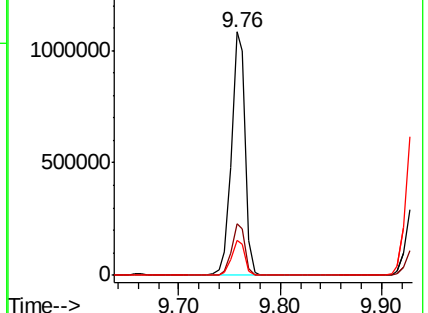
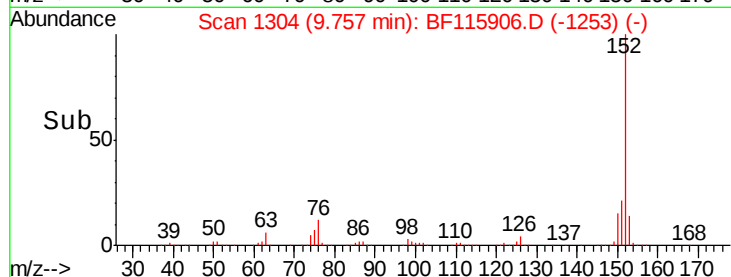
153 14.4 11.6 17.4



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: 52.013 ng

RT: 9.62 min Scan# 1280

Delta R.T. 0.00 min

Lab File: BF115906.D

Acq: 1 Aug 2019 14:32

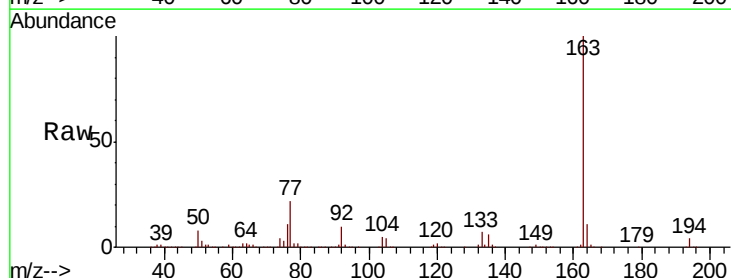
Tgt Ion:163 Resp: 954714

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

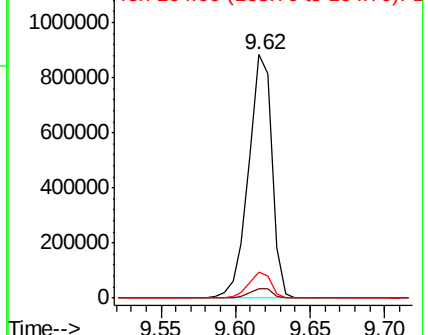
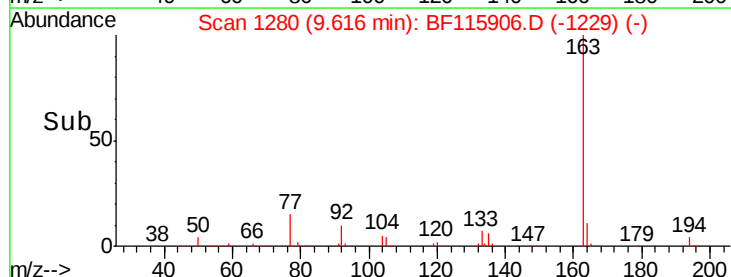
164 10.8 8.4 12.6

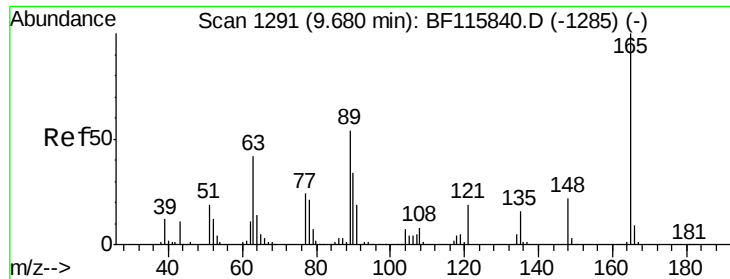


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

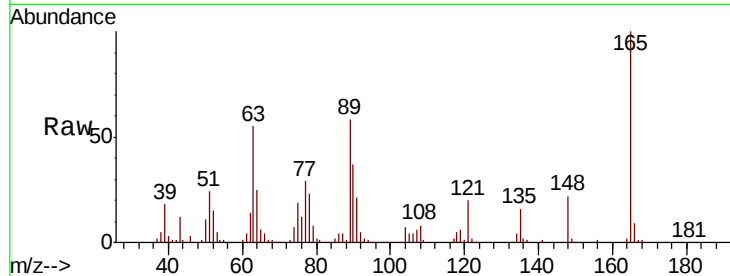




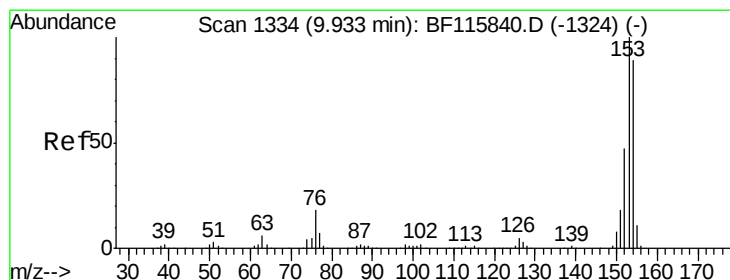
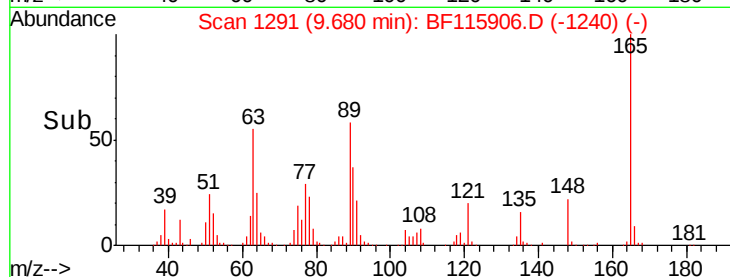
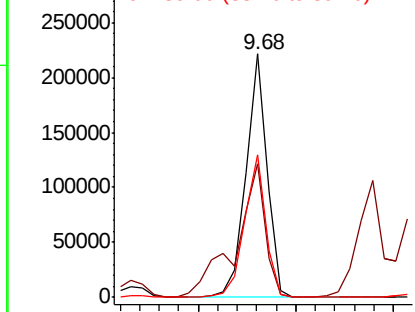
#51
2,6-Dinitrotoluene
Concen: 41.564 ng
RT: 9.68 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BF115906.D
Acq: 1 Aug 2019 14:32

Instrument :
BNA_F
ClientSampleID :
TP-1-AMS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	54.6	39.4	59.2
89	58.4	43.0	64.6

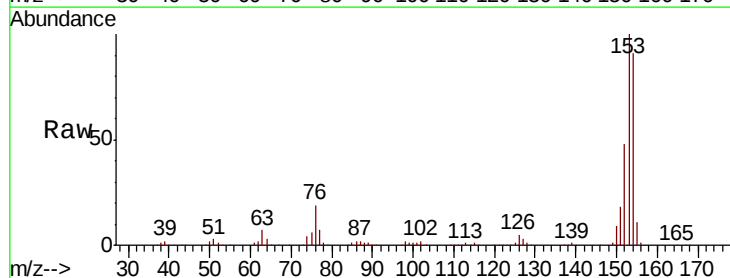


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

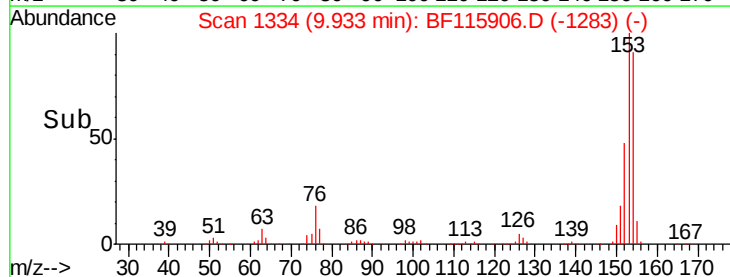
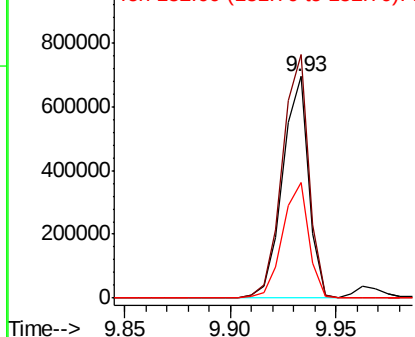


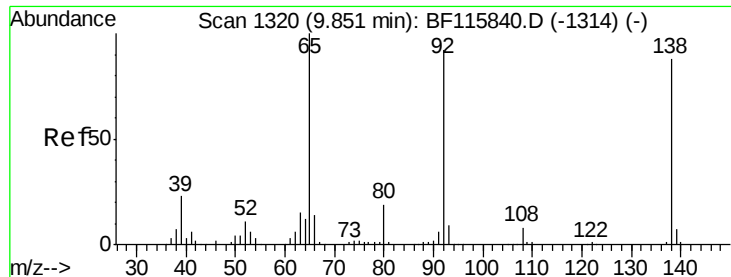
#52
Acenaphthene
Concen: 42.296 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF115906.D
Acq: 1 Aug 2019 14:32

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.0	90.1	135.1
152	52.5	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

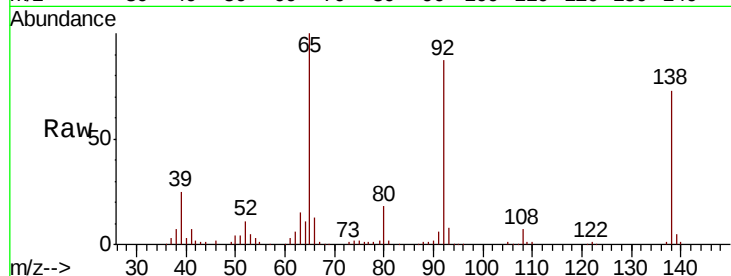




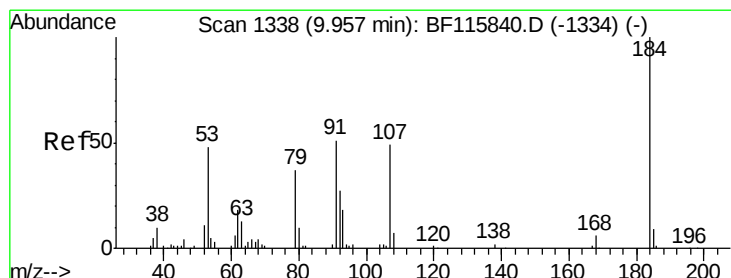
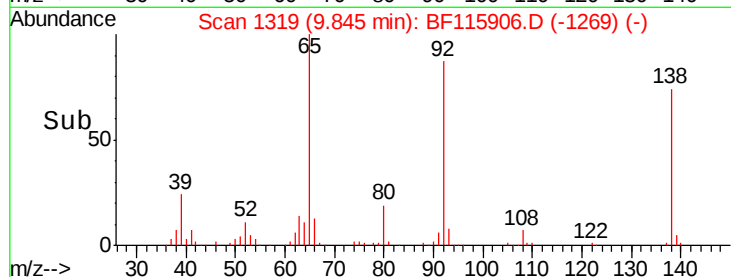
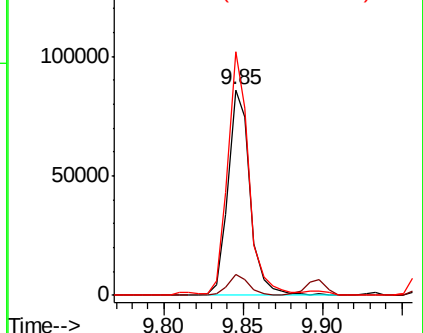
#53
3-Nitroaniline
Concen: 16.914 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF115906.D
Acq: 1 Aug 2019 14:32

Instrument :
BNA_F
ClientSampleId :
TP-1-AMS

Tgt Ion:138 Resp: 83368
Ion Ratio Lower Upper
138 100
108 10.1 7.4 11.2
92 118.3 83.9 125.9

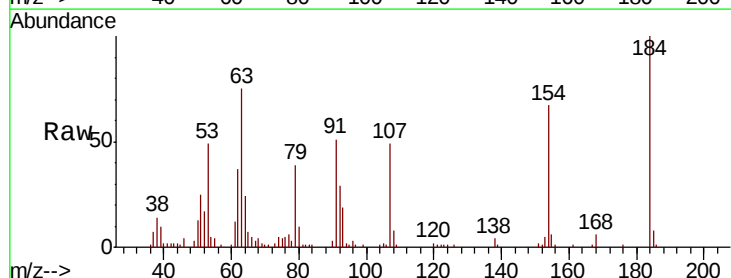


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

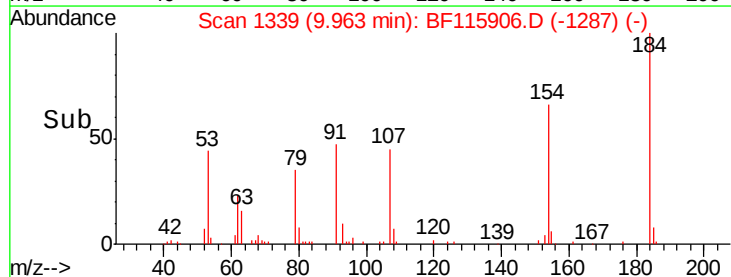
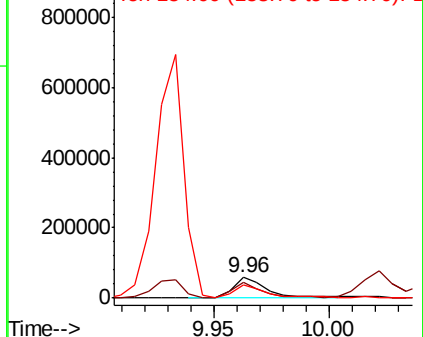


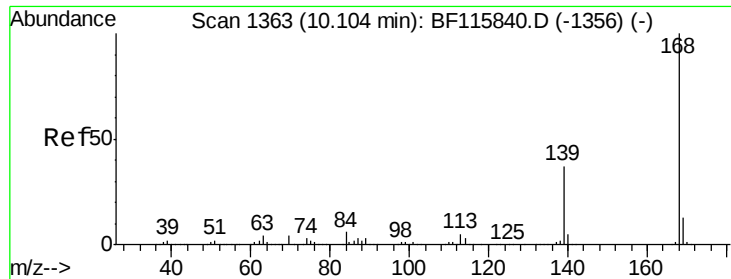
#54
2,4-Dinitrophenol
Concen: 34.640 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF115906.D
Acq: 1 Aug 2019 14:32

Tgt Ion:184 Resp: 60318
Ion Ratio Lower Upper
184 100
63 75.1 56.7 85.1
154 66.7 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

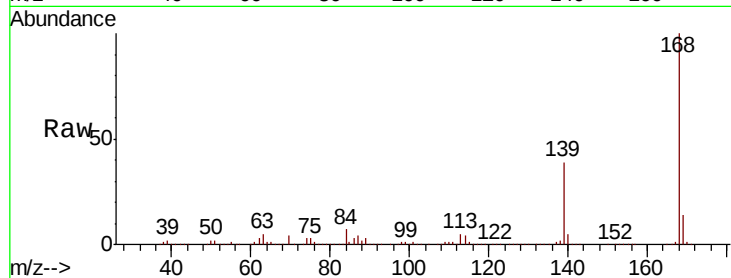




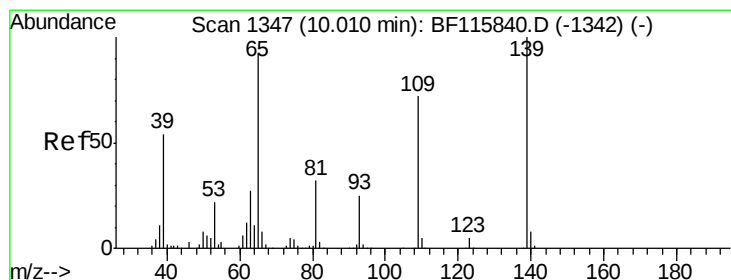
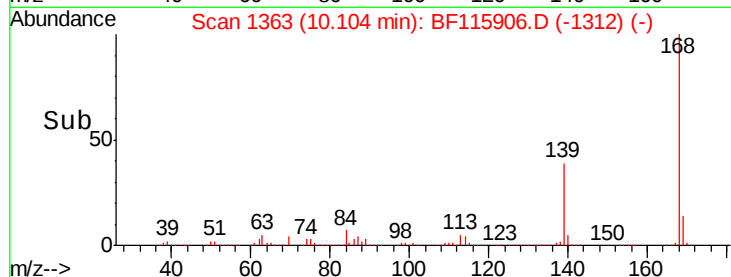
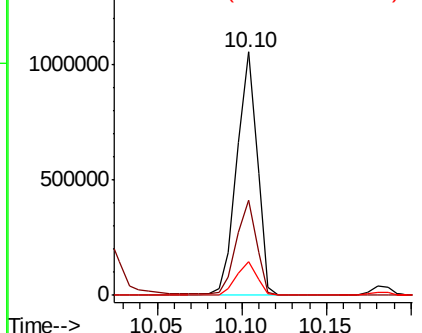
#55
Dibenzenofuran
Concen: 43.106 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BF115906.D
Acq: 1 Aug 2019 14:32

Instrument :
BNA_F
ClientSampleId :
TP-1-AMS

Tgt Ion:168 Resp: 888747
Ion Ratio Lower Upper
168 100
139 38.9 30.2 45.2
169 13.8 10.8 16.2

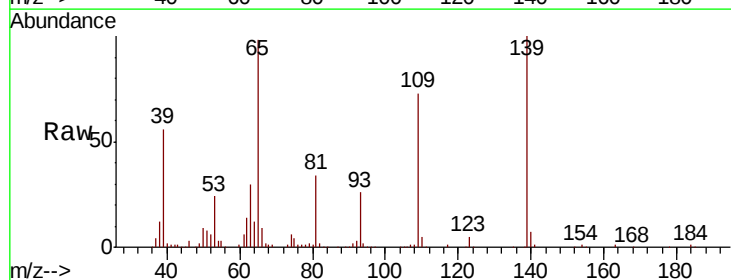


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

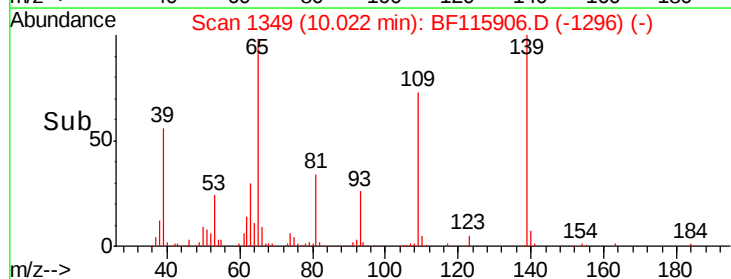
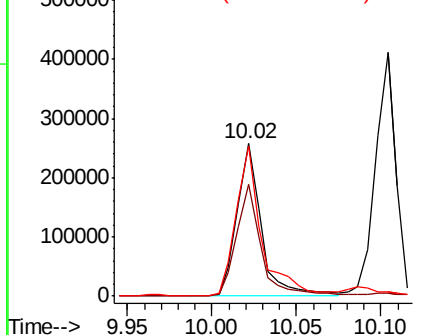


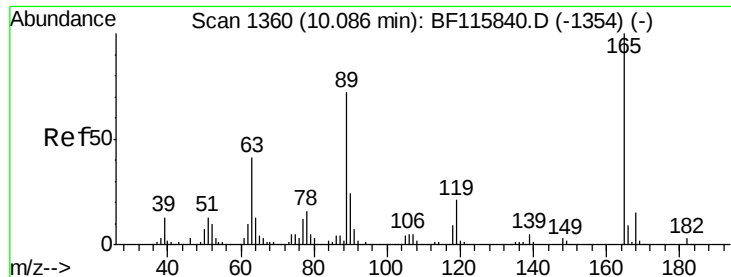
#56
4-Nitrophenol
Concen: 82.604 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF115906.D
Acq: 1 Aug 2019 14:32

Tgt Ion:139 Resp: 260812
Ion Ratio Lower Upper
139 100
109 73.2 52.0 92.0
65 98.2 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

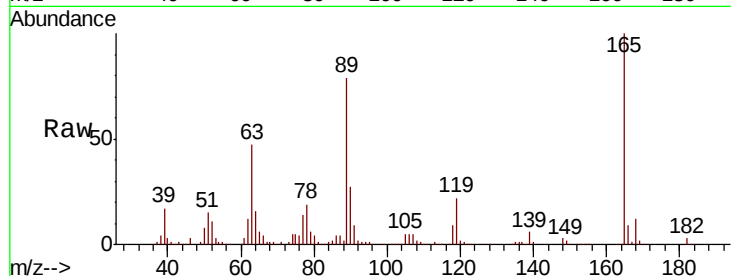




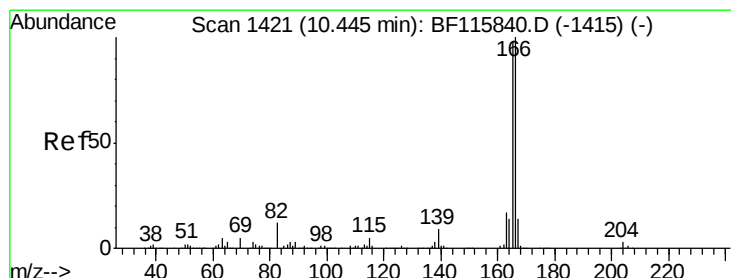
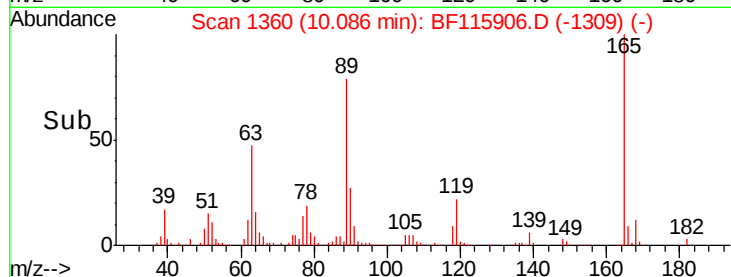
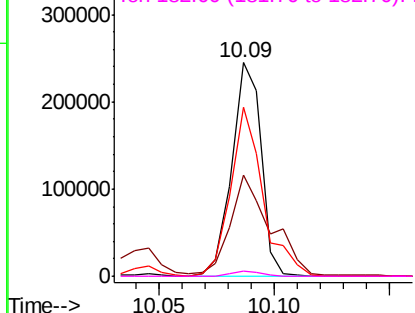
#57
2,4-Dinitrotoluene
Concen: 40.908 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.00 min
Lab File: BF115906.D
Acq: 1 Aug 2019 14:32

Instrument :
BNA_F
ClientSampleId :
TP-1-AMS

Tgt Ion:	165	Resp:	217259
Ion	Ratio	Lower	Upper
165	100		
63	47.3	33.2	49.8
89	79.0	57.3	85.9
182	2.6	2.1	3.1

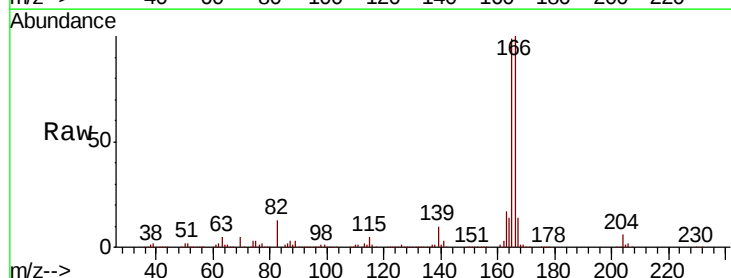


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

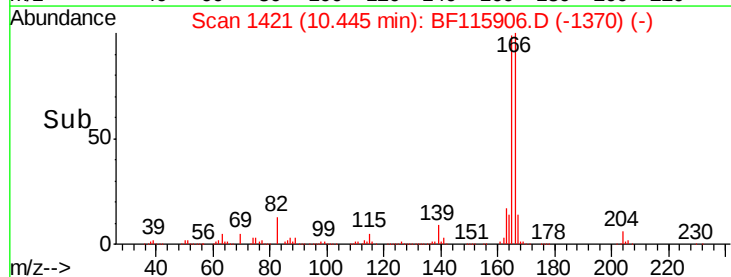
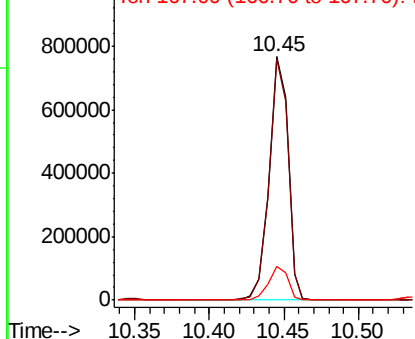


#58
Fluorene
Concen: 42.404 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF115906.D
Acq: 1 Aug 2019 14:32

Tgt Ion:	166	Resp:	672648
Ion	Ratio	Lower	Upper
166	100		
165	99.2	78.6	118.0
167	13.8	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

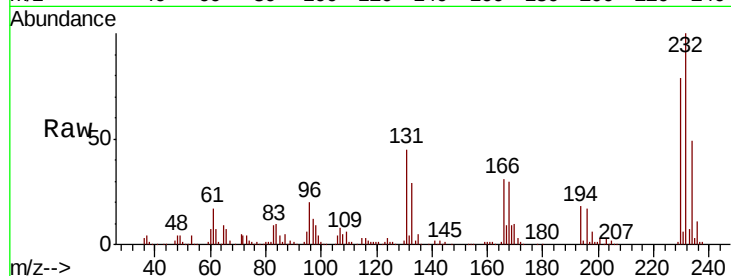




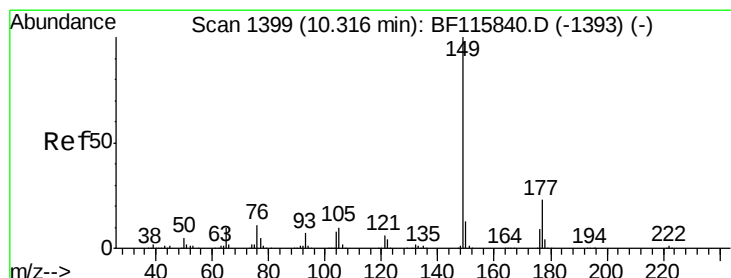
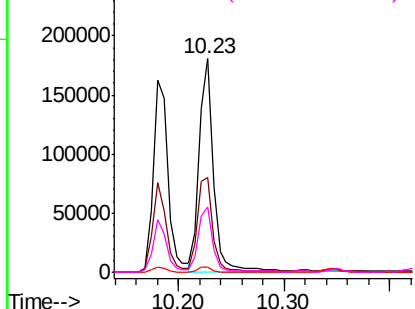
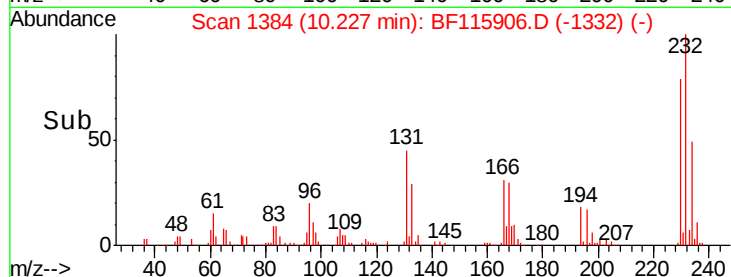
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.669 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. 0.01 min
 Lab File: BF115906.D
 Acq: 1 Aug 2019 14:32

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-AMS

Tgt Ion: 232 Resp: 166822
 Ion Ratio Lower Upper
 232 100
 131 47.5 37.6 56.4
 130 2.4 1.8 2.8
 166 30.8 24.6 37.0

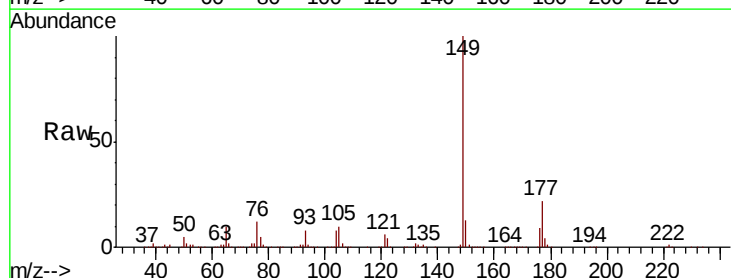


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

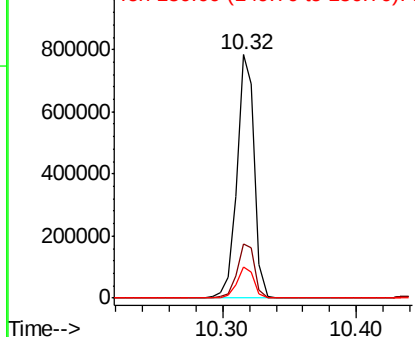
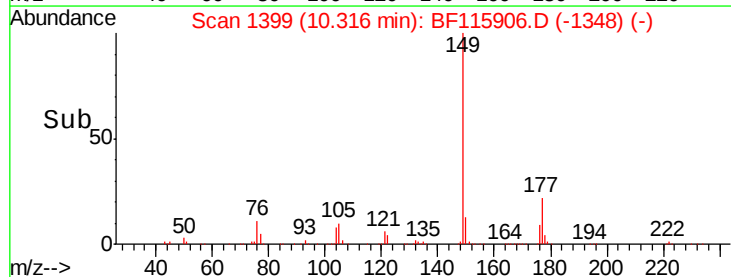


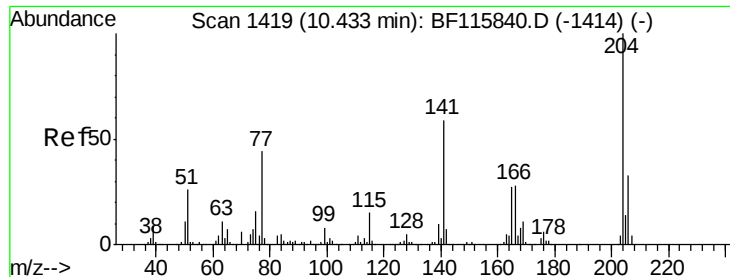
#60
 Diethylphthalate
 Concen: 41.475 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.00 min
 Lab File: BF115906.D
 Acq: 1 Aug 2019 14:32

Tgt Ion: 149 Resp: 710755
 Ion Ratio Lower Upper
 149 100
 177 22.2 18.4 27.6
 150 12.8 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

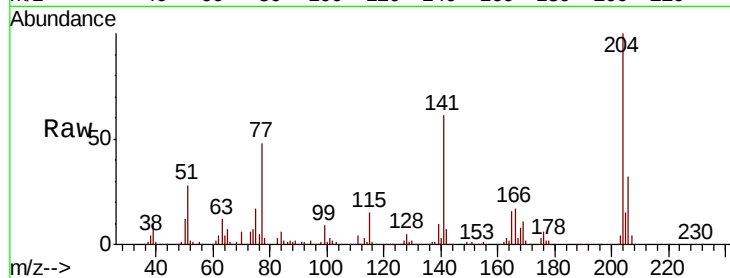




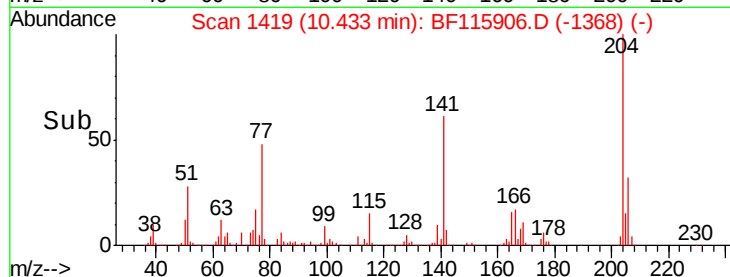
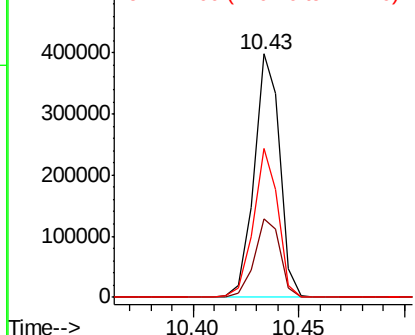
#61
4-Chlorophenyl-phenylether
Concen: 41.668 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF115906.D
Acq: 1 Aug 2019 14:32

Instrument :
BNA_F
ClientSampleId :
TP-1-AMS

Tgt Ion: 204 Resp: 334746
Ion Ratio Lower Upper
204 100
206 32.5 26.4 39.6
141 60.9 47.0 70.4

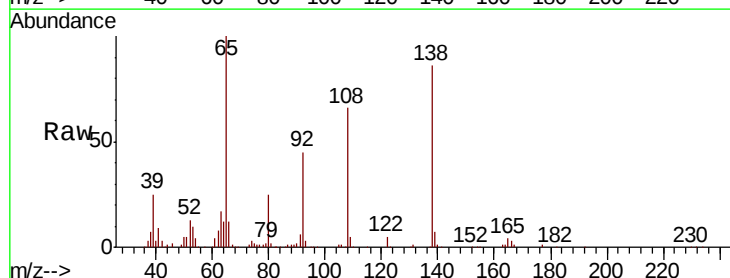


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

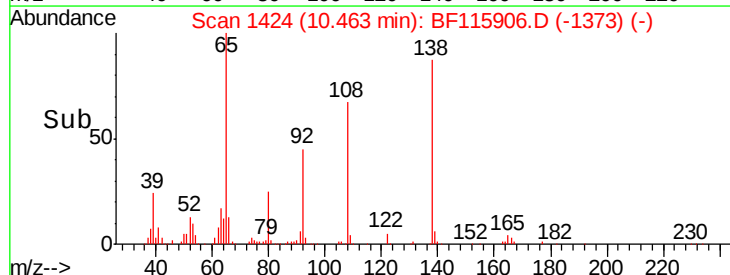
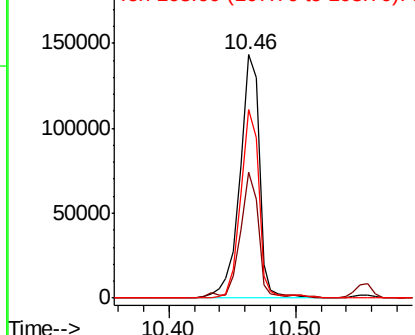


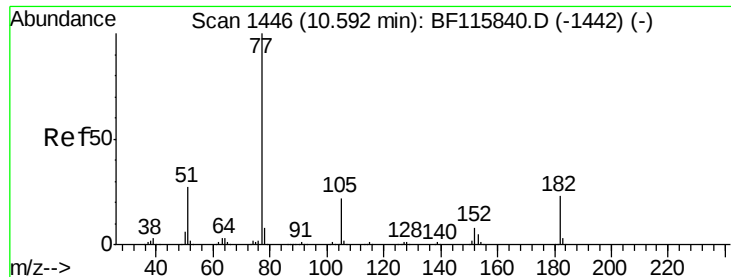
#62
4-Nitroaniline
Concen: 30.143 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF115906.D
Acq: 1 Aug 2019 14:32

Tgt Ion: 138 Resp: 153539
Ion Ratio Lower Upper
138 100
92 51.9 31.0 71.0
108 77.2 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: 41.663 ng

RT: 10.60 min Scan# 1447

Delta R.T. 0.01 min

Lab File: BF115906.D

Acq: 1 Aug 2019 14:32

Instrument :

BNA_F

ClientSampleId :

TP-1-AMS

Tgt Ion: 77 Resp: 734376

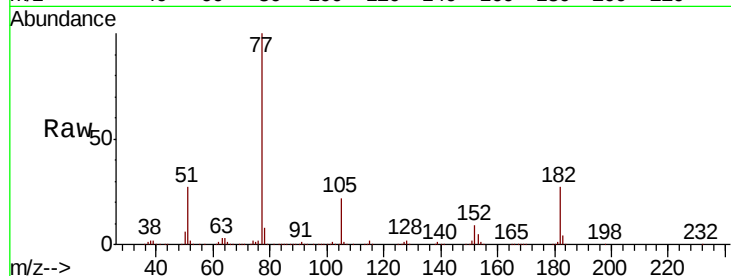
Ion Ratio Lower Upper

77 100

182 27.1 2.6 42.6

105 22.2 1.6 41.6

51 26.5 7.4 47.4

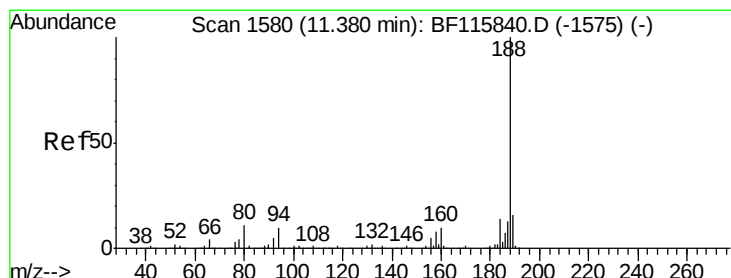
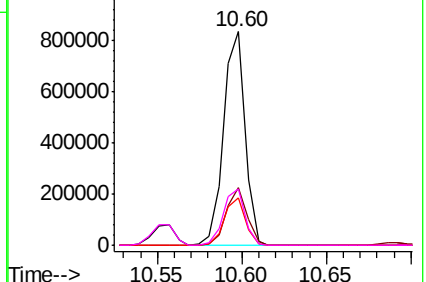
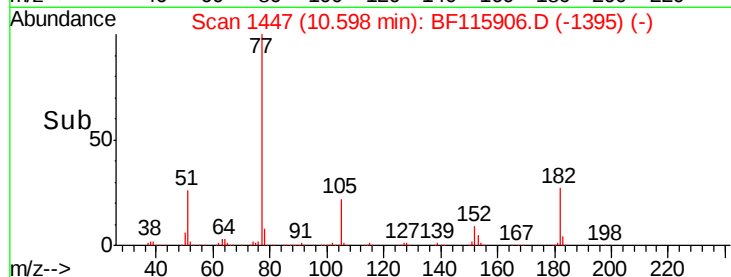


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF115906.D

Acq: 1 Aug 2019 14:32

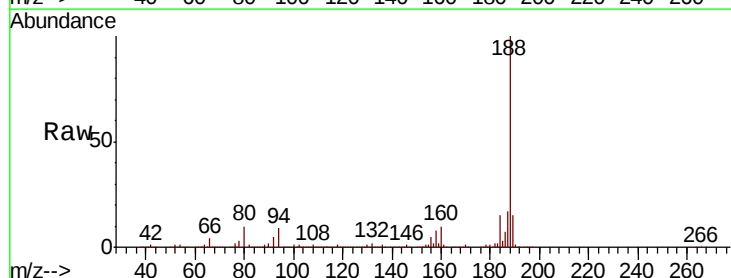
Tgt Ion: 188 Resp: 431466

Ion Ratio Lower Upper

188 100

94 9.0 8.0 12.0

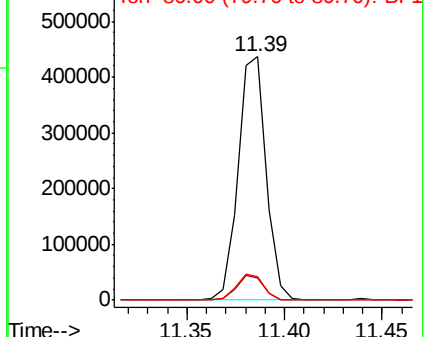
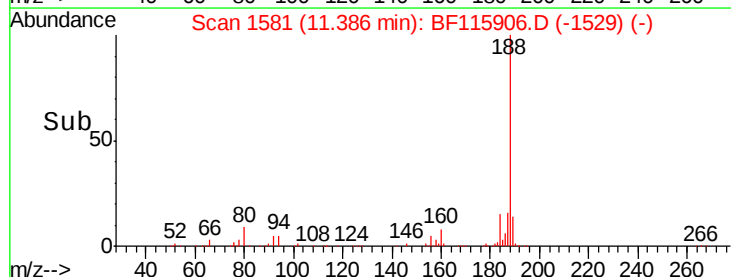
80 9.7 8.6 12.8

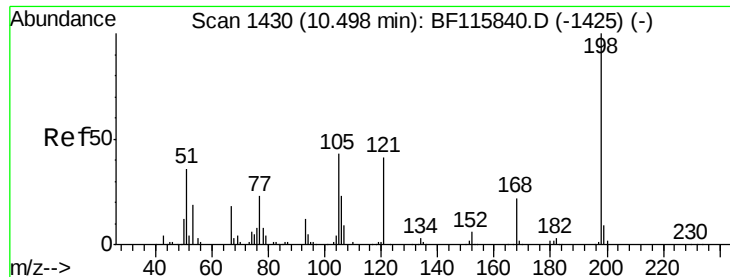


Abundance Ion 188.00 (187.70 to 188.70): E

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: 23.797 ng

RT: 10.50 min Scan# 1431

Delta R.T. 0.01 min

Lab File: BF115906.D

Acq: 1 Aug 2019 14:32

Instrument :

BNA_F

ClientSampled :

TP-1-AMS

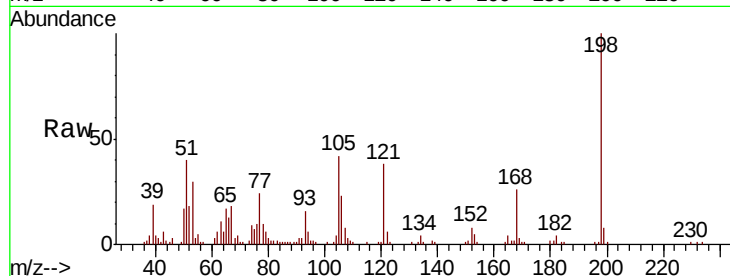
Tgt Ion:198 Resp: 54411

Ion Ratio Lower Upper

198 100

51 40.3 21.1 61.1

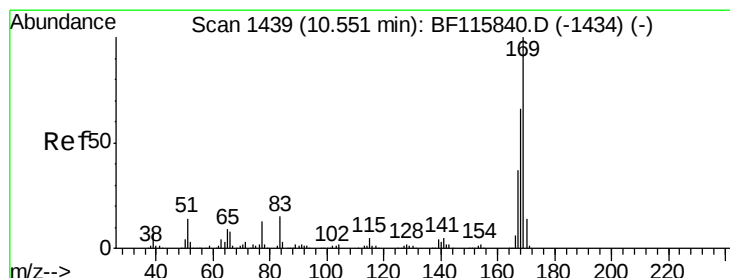
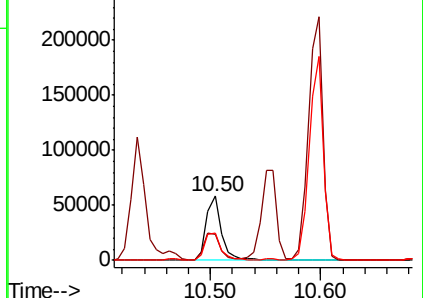
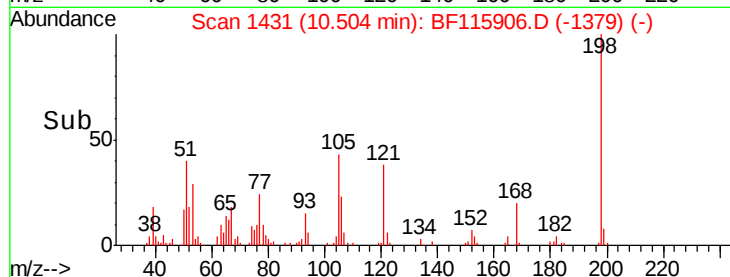
105 42.1 24.5 64.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 45.954 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.01 min

Lab File: BF115906.D

Acq: 1 Aug 2019 14:32

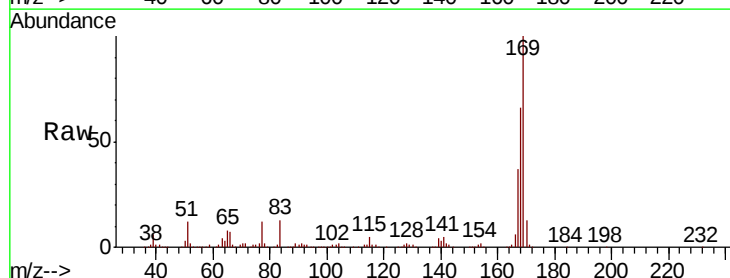
Tgt Ion:169 Resp: 596796

Ion Ratio Lower Upper

169 100

168 66.5 53.0 79.6

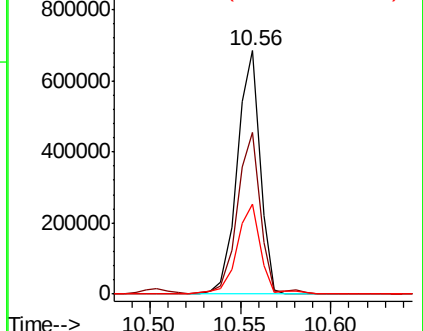
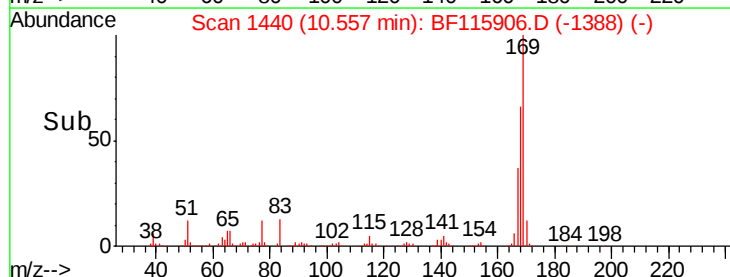
167 36.7 29.9 44.9

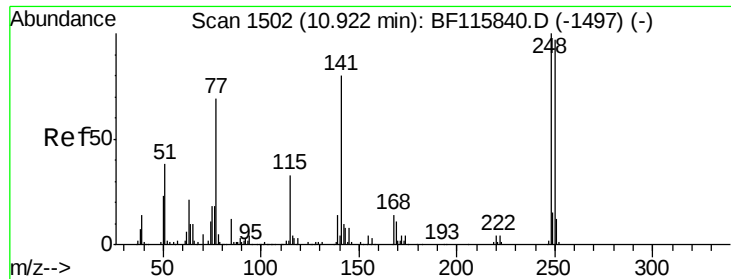


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

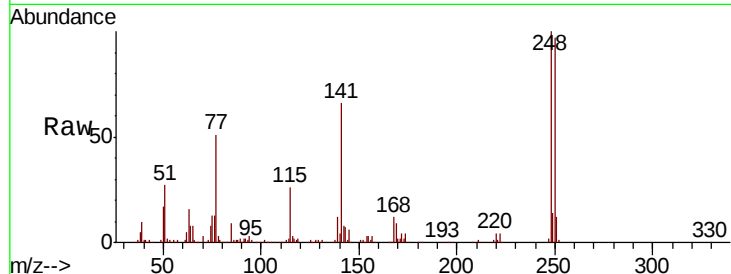




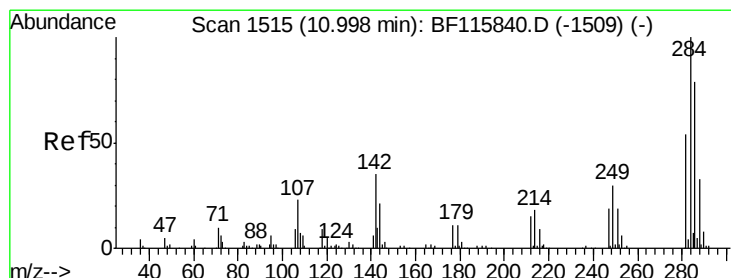
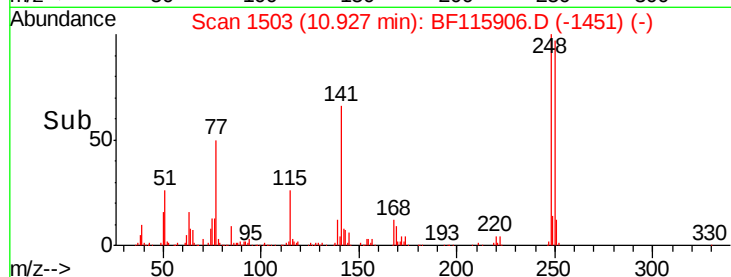
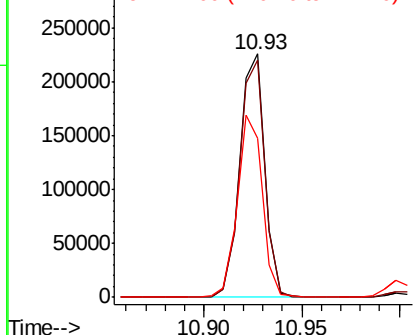
#67
4-Bromophenyl-phenylether
Concen: 43.234 ng
RT: 10.93 min Scan# 1503
Delta R.T. 0.01 min
Lab File: BF115906.D
Acq: 1 Aug 2019 14:32

Instrument :
BNA_F
ClientSampleId :
TP-1-AMS

Tgt Ion:248 Resp: 199692
Ion Ratio Lower Upper
248 100
250 97.3 77.8 116.6
141 65.6 64.3 96.5

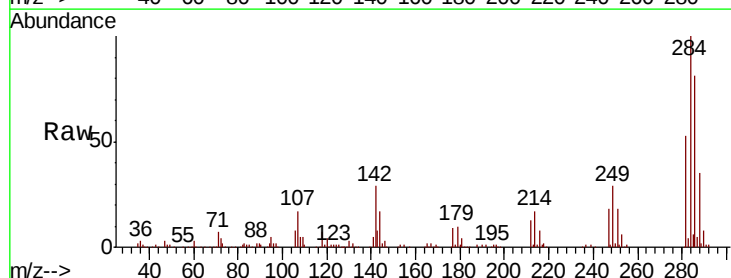


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

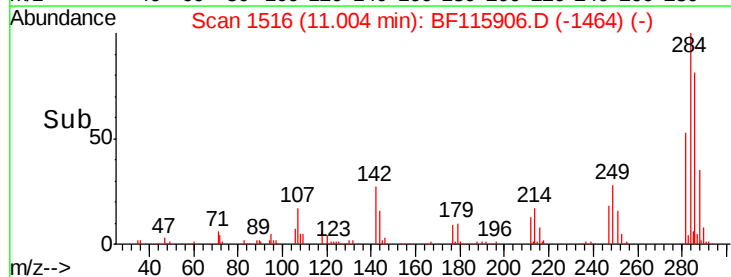
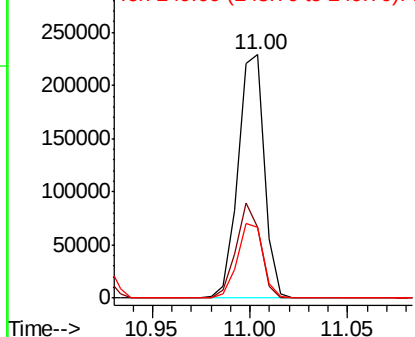


#68
Hexachlorobenzene
Concen: 40.039 ng
RT: 11.00 min Scan# 1516
Delta R.T. 0.01 min
Lab File: BF115906.D
Acq: 1 Aug 2019 14:32

Tgt Ion:284 Resp: 213845
Ion Ratio Lower Upper
284 100
142 29.0 28.2 42.2
249 29.2 24.0 36.0



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

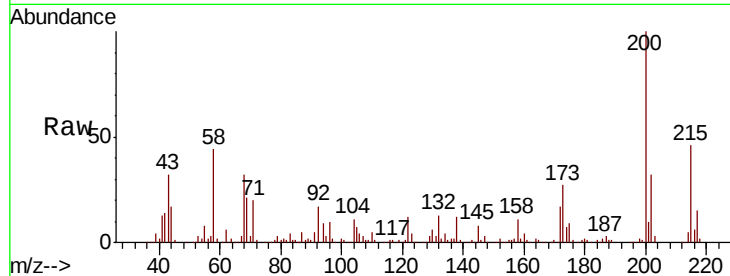




#69
 Atrazine
 Concen: 42.570 ng
 RT: 11.08 min Scan# 1529
 Delta R.T. 0.00 min
 Lab File: BF115906.D
 Acq: 1 Aug 2019 14:32

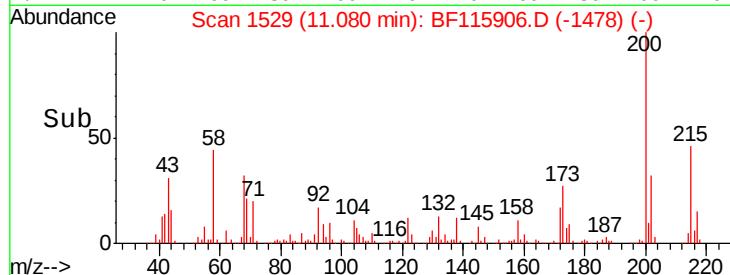
Instrument :
 BNA_F
 ClientSampleId :
 TP-1-AMS

Tgt Ion:200 Resp: 181873
 Ion Ratio Lower Upper
 200 100
 173 26.6 7.3 47.3
 215 46.1 26.9 66.9

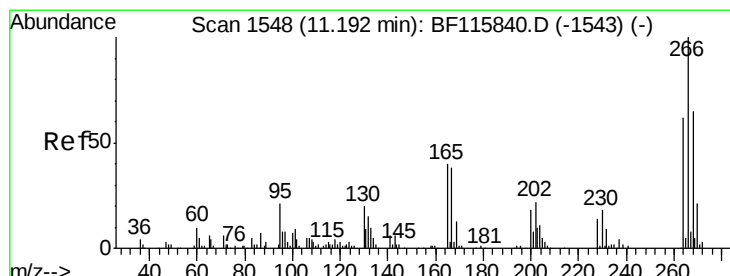


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

11.08

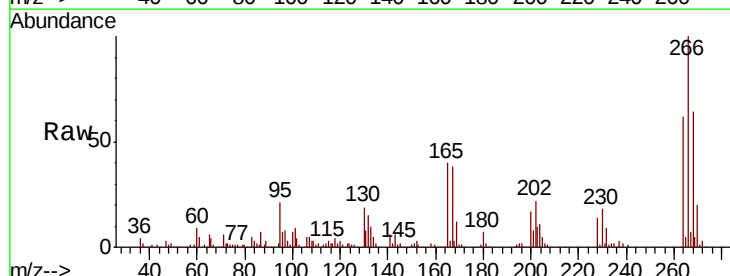


Time--> 11.00 11.05 11.10 11.15



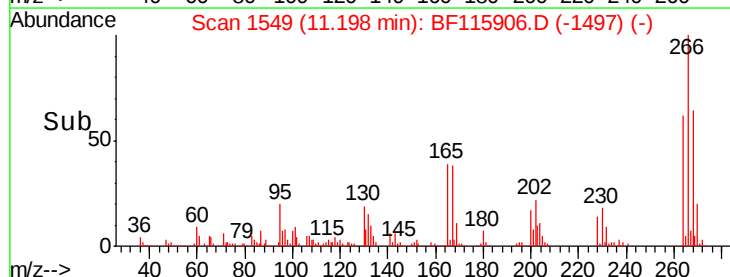
#70
 Pentachlorophenol
 Concen: 75.571 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. 0.01 min
 Lab File: BF115906.D
 Acq: 1 Aug 2019 14:32

Tgt Ion:266 Resp: 195957
 Ion Ratio Lower Upper
 266 100
 268 64.4 51.6 77.4
 264 62.4 49.4 74.0

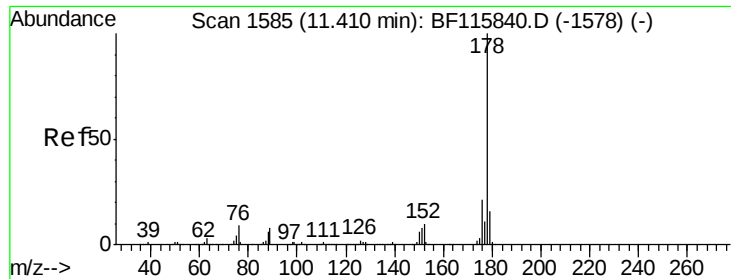


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

11.20



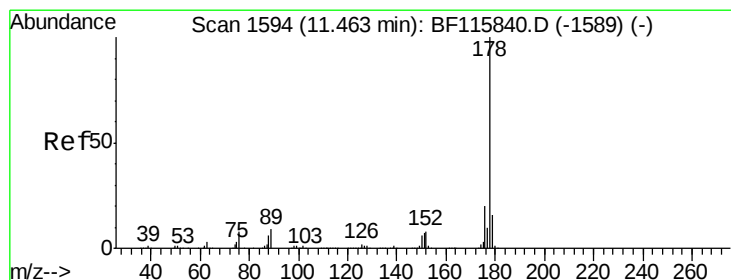
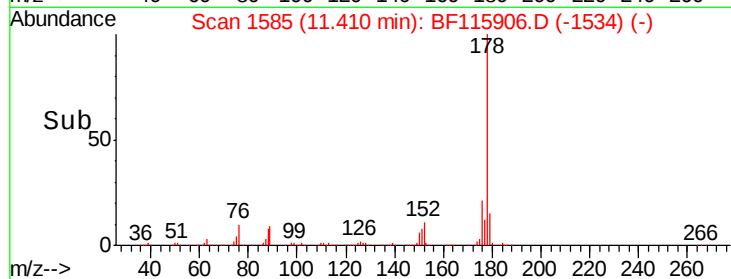
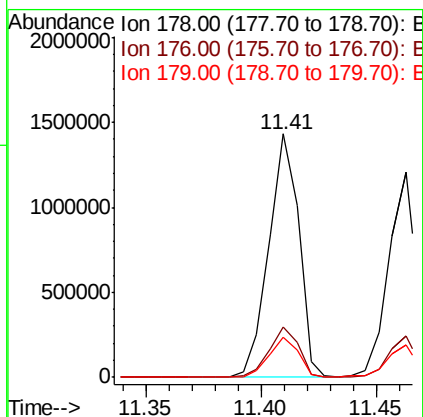
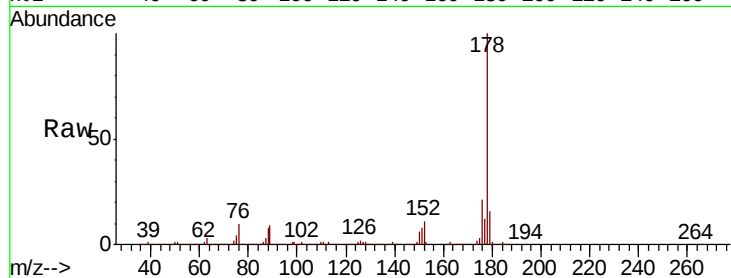
Time--> 11.20 11.40



#71
Phenanthrene
Concen: 58.766 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF115906.D
Acq: 1 Aug 2019 14:32

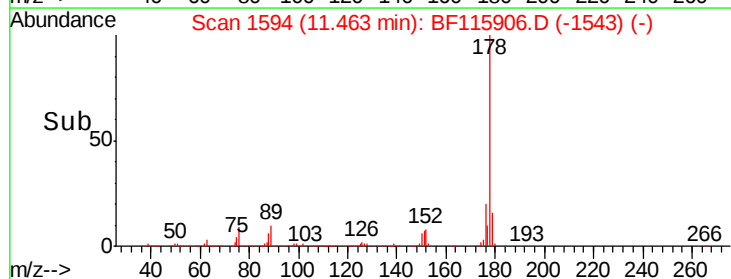
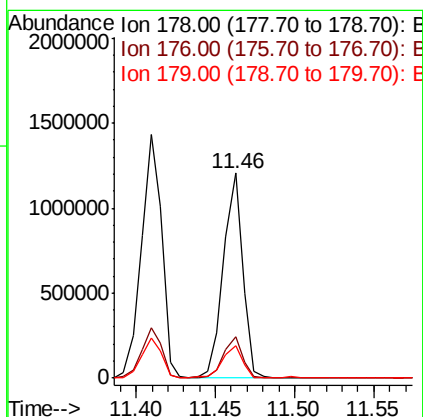
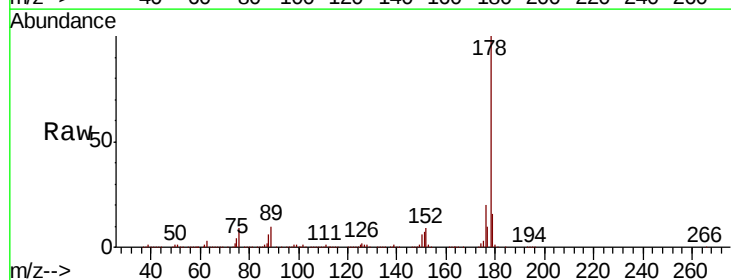
Instrument :
BNA_F
ClientSampleId :
TP-1-AMS

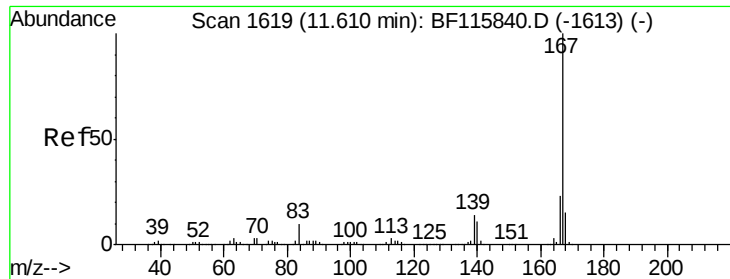
Tgt Ion:178 Resp: 1296229
Ion Ratio Lower Upper
178 100
176 20.7 16.5 24.7
179 16.2 12.6 18.8



#72
Anthracene
Concen: 45.914 ng
RT: 11.46 min Scan# 1594
Delta R.T. 0.00 min
Lab File: BF115906.D
Acq: 1 Aug 2019 14:32

Tgt Ion:178 Resp: 1024949
Ion Ratio Lower Upper
178 100
176 19.9 15.7 23.5
179 16.0 12.4 18.6

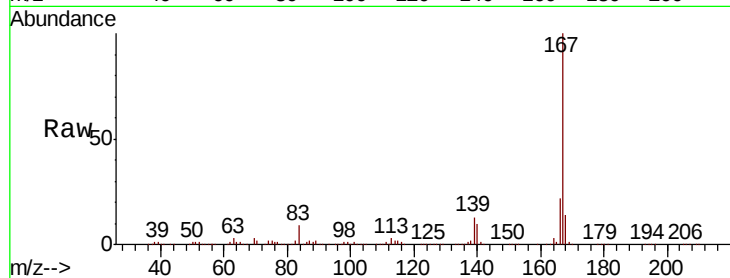




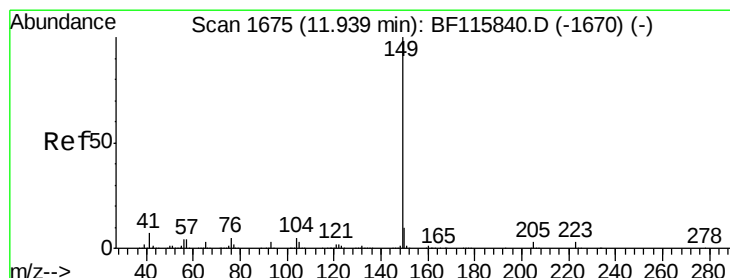
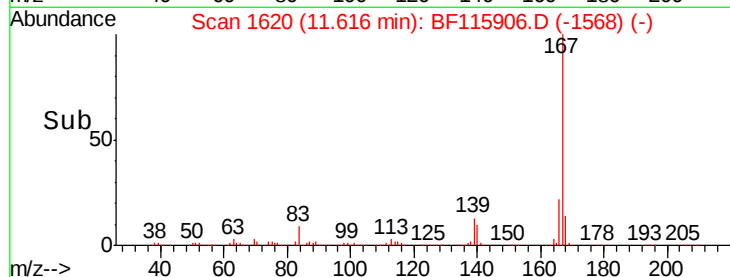
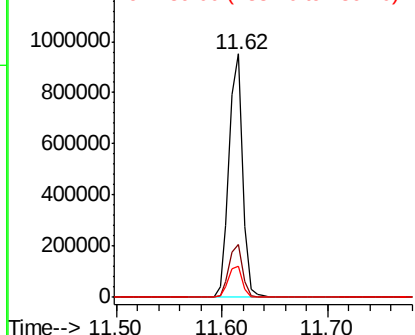
#73
 Carbazole
 Concen: 42.008 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. 0.01 min
 Lab File: BF115906.D
 Acq: 1 Aug 2019 14:32

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-AMS

Tgt Ion:167 Resp: 850764
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.0 27.0
 139 13.0 11.4 17.2

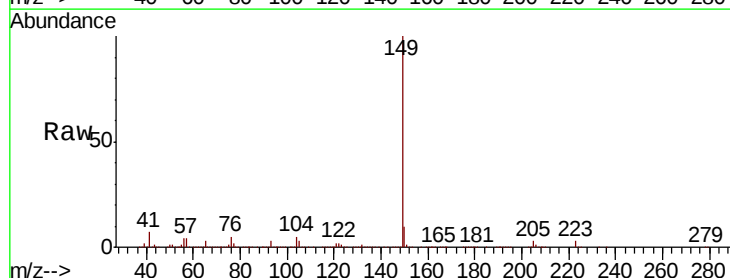


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

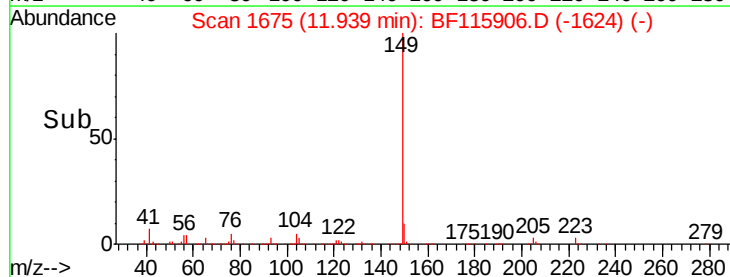
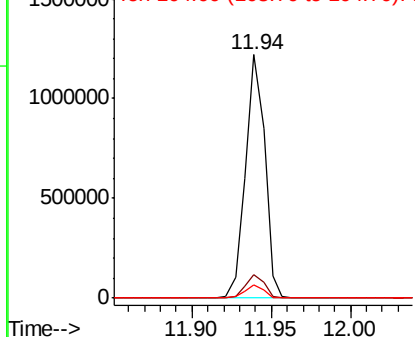


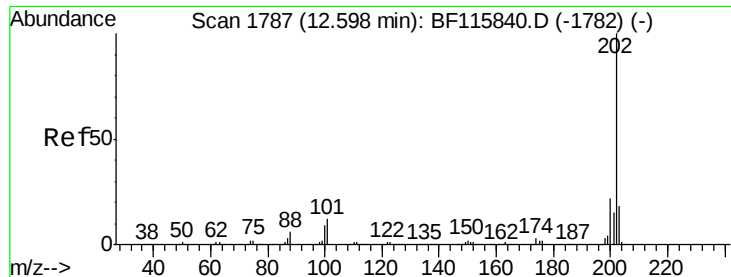
#74
 Di-n-butylphthalate
 Concen: 43.517 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. 0.00 min
 Lab File: BF115906.D
 Acq: 1 Aug 2019 14:32

Tgt Ion:149 Resp: 1028107
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.7 11.5
 104 5.4 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: 63.799 ng

RT: 12.60 min Scan# 1788

Delta R.T. 0.01 min

Lab File: BF115906.D

Acq: 1 Aug 2019 14:32

Instrument :

BNA_F

ClientSampleId :

TP-1-AMS

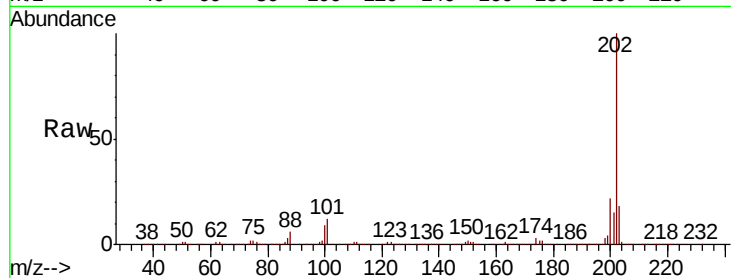
Tgt Ion:202 Resp: 1473234

Ion Ratio Lower Upper

202 100

101 11.7 0.0 31.5

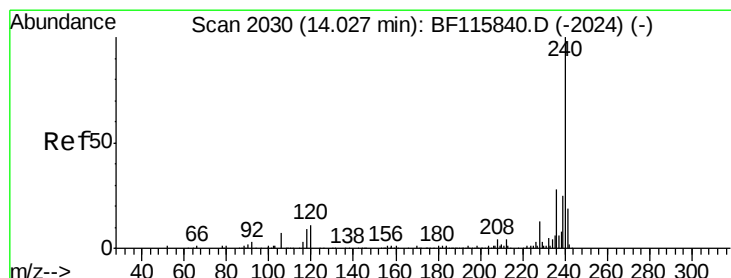
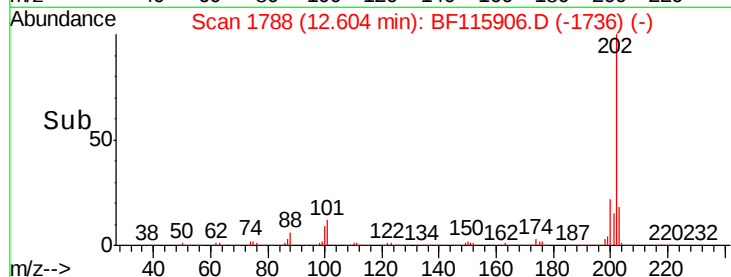
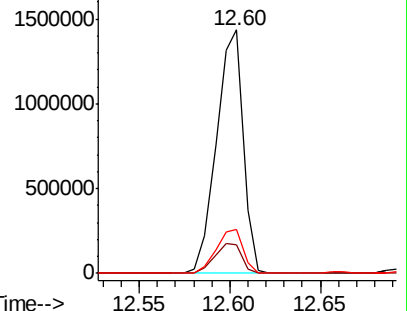
203 18.1 0.0 37.9



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: BF115906.D

Acq: 1 Aug 2019 14:32

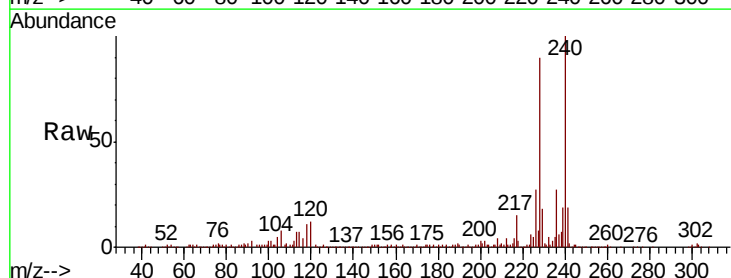
Tgt Ion:240 Resp: 280939

Ion Ratio Lower Upper

240 100

120 11.8 8.5 12.7

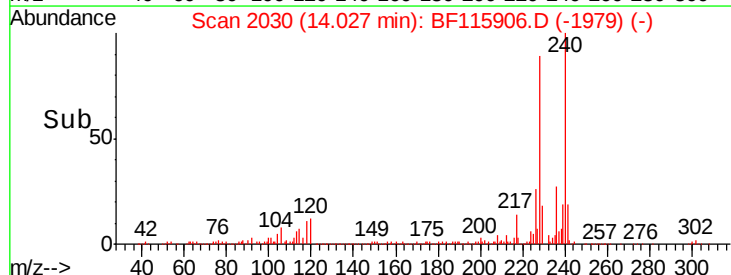
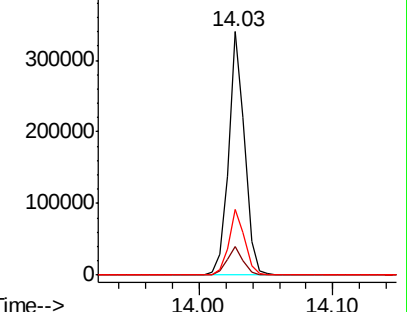
236 27.0 22.2 33.2

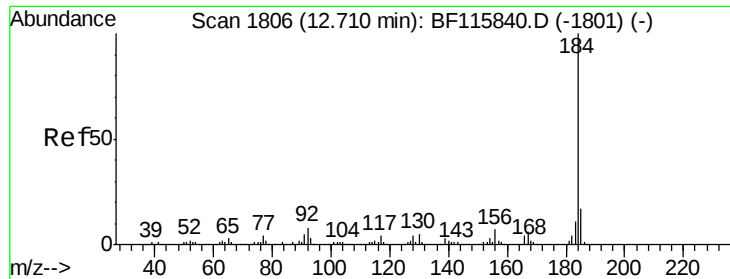


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 42.515 ng

RT: 12.72 min Scan# 1807

Delta R.T. 0.01 min

Lab File: BF115906.D

Acq: 1 Aug 2019 14:32

Instrument :

BNA_F

ClientSampleId :

TP-1-AMS

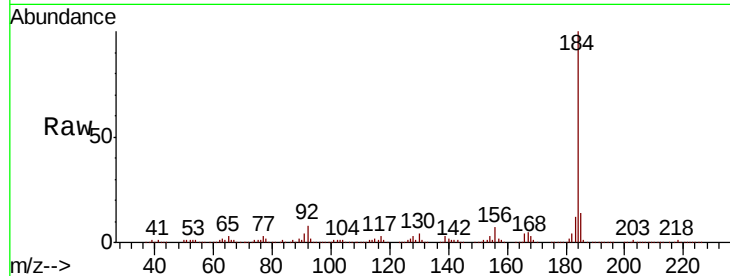
Tgt Ion:184 Resp: 403520

Ion Ratio Lower Upper

184 100

185 14.0 13.4 20.2

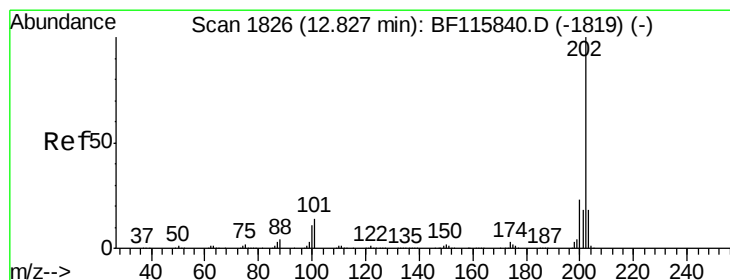
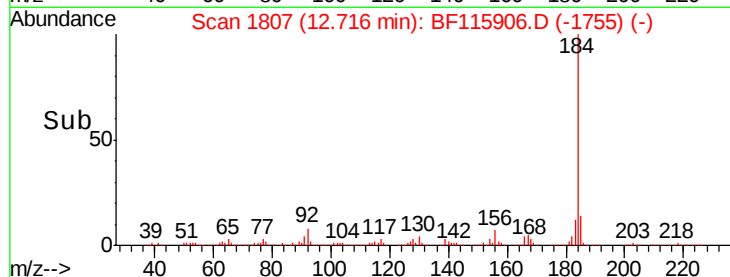
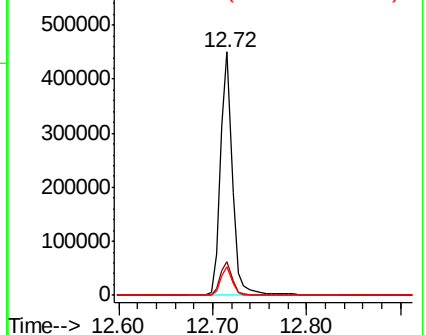
183 11.7 9.1 13.7



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 67.897 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.01 min

Lab File: BF115906.D

Acq: 1 Aug 2019 14:32

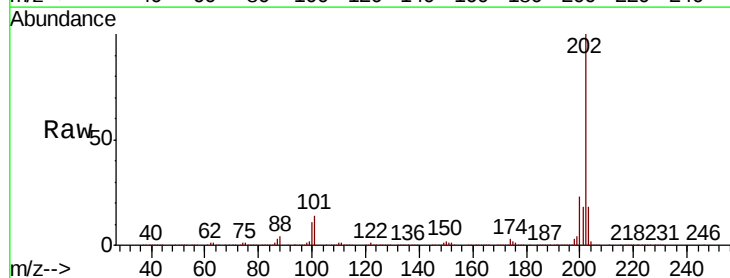
Tgt Ion:202 Resp: 1437899

Ion Ratio Lower Upper

202 100

200 23.1 18.2 27.2

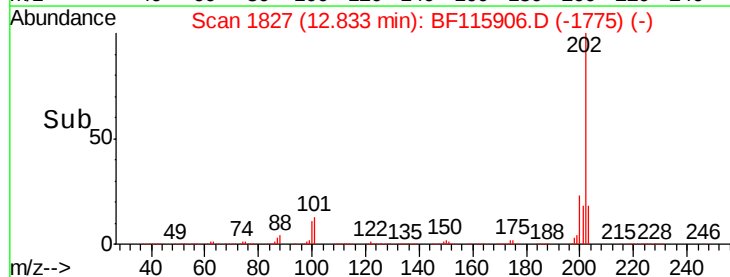
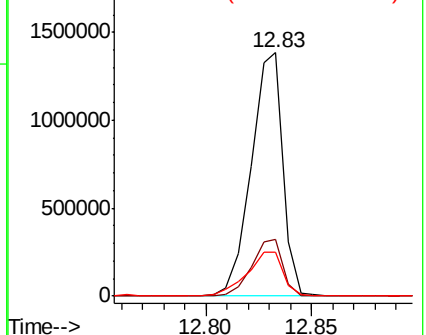
203 18.3 14.3 21.5



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: 93.101 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BF115906.D

Acq: 1 Aug 2019 14:32

Instrument :

BNA_F

ClientSampleId :

TP-1-AMS

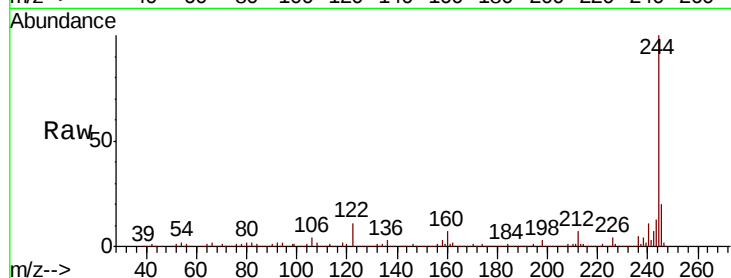
Tgt Ion:244 Resp: 1241280

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

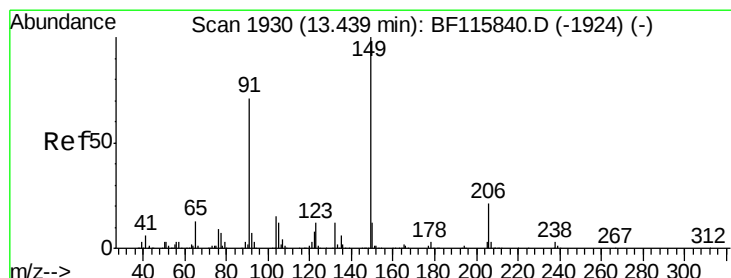
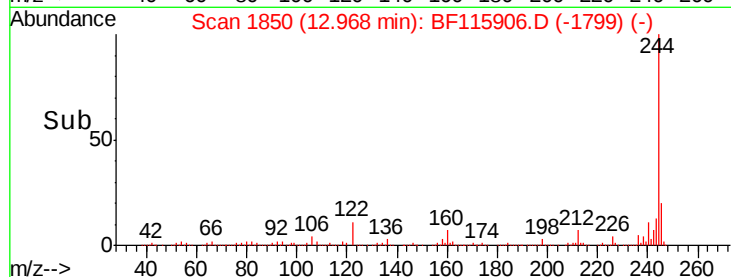
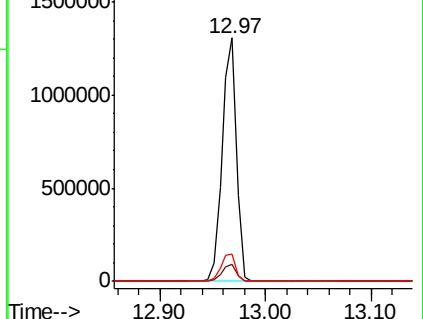
122 11.2 8.6 13.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.136 ng

RT: 13.44 min Scan# 1930

Delta R.T. 0.00 min

Lab File: BF115906.D

Acq: 1 Aug 2019 14:32

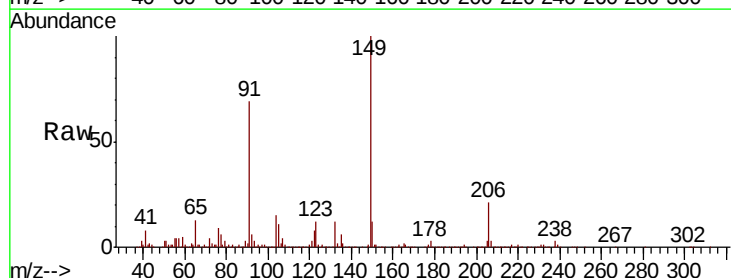
Tgt Ion:149 Resp: 359551

Ion Ratio Lower Upper

149 100

91 69.4 57.0 85.6

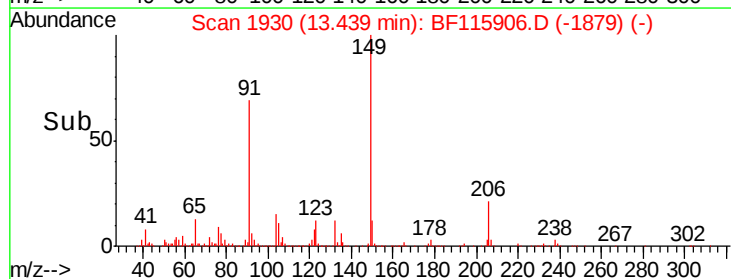
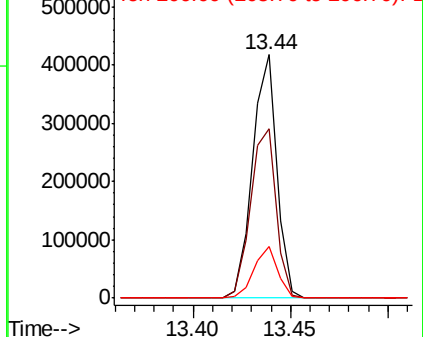
206 21.3 16.9 25.3

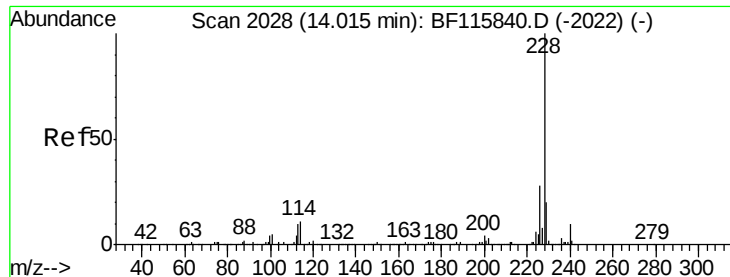


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 61.086 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BF115906.D

Acq: 1 Aug 2019 14:32

Instrument :

BNA_F

ClientSampleId :

TP-1-AMS

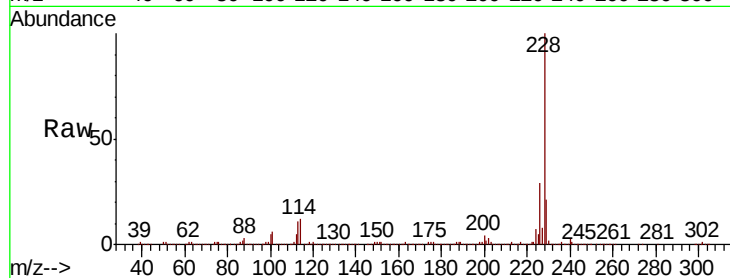
Tgt Ion:228 Resp: 1096891

Ion Ratio Lower Upper

228 100

226 29.2 22.5 33.7

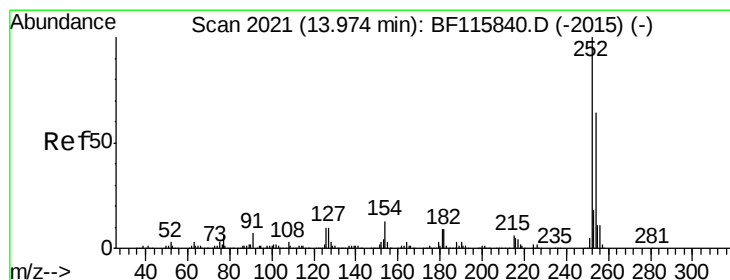
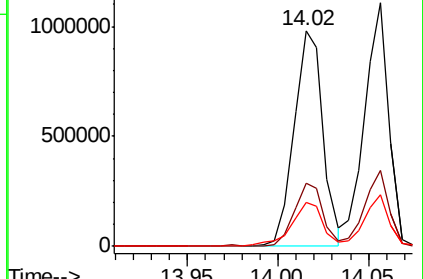
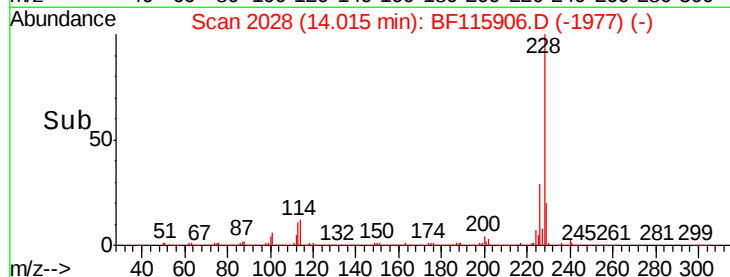
229 20.6 16.1 24.1



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: 32.938 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.00 min

Lab File: BF115906.D

Acq: 1 Aug 2019 14:32

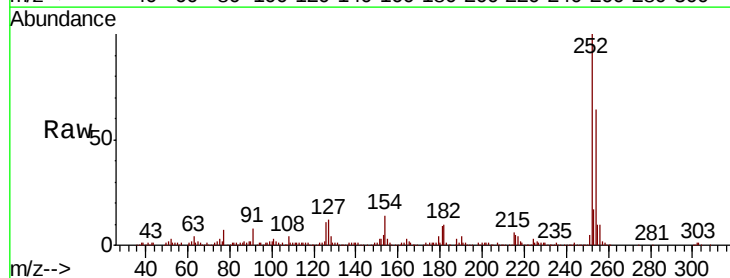
Tgt Ion:252 Resp: 205485

Ion Ratio Lower Upper

252 100

254 64.3 51.2 76.8

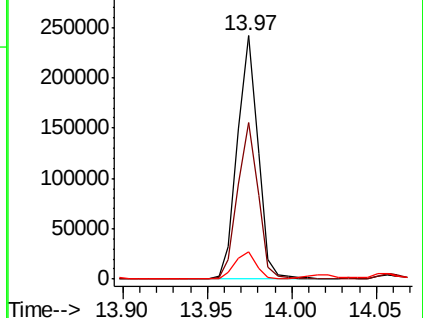
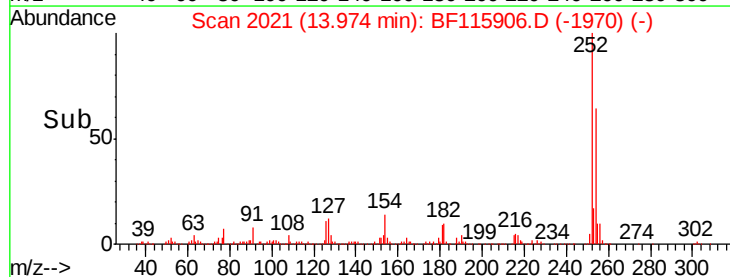
126 11.4 8.1 12.1

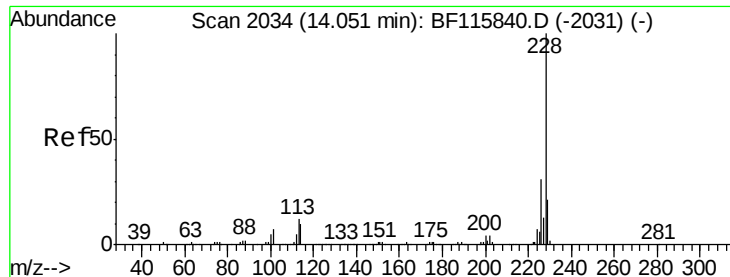


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 59.030 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF115906.D

Acq: 1 Aug 2019 14:32

Instrument :

BNA_F

ClientSampleID :

TP-1-AMS

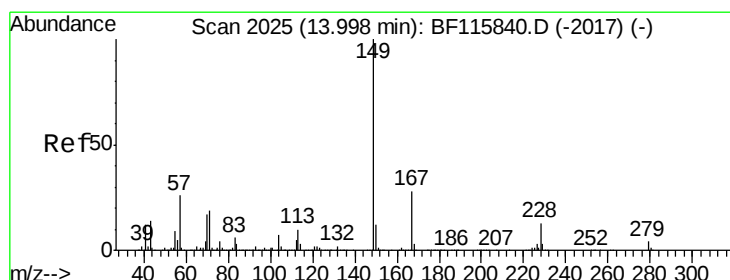
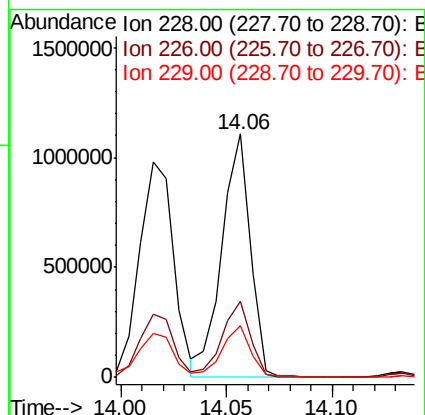
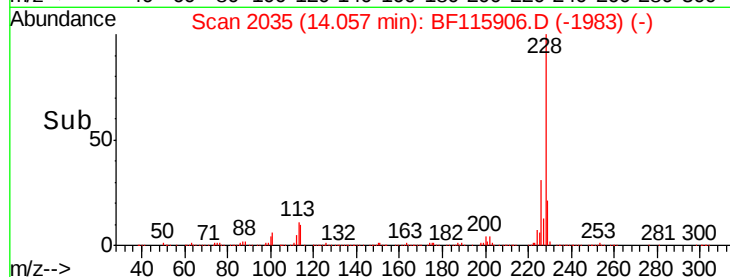
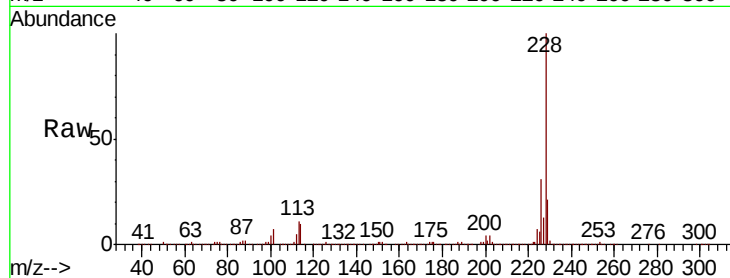
Tgt Ion:228 Resp: 1029074

Ion Ratio Lower Upper

228 100

226 31.3 24.8 37.2

229 21.2 16.4 24.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.966 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF115906.D

Acq: 1 Aug 2019 14:32

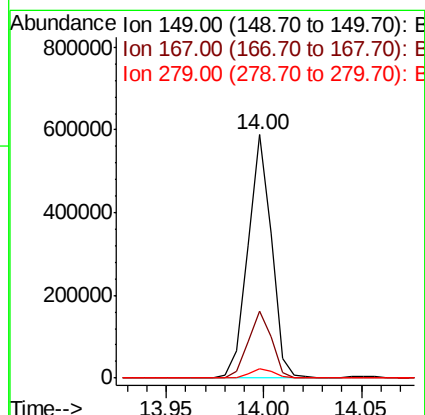
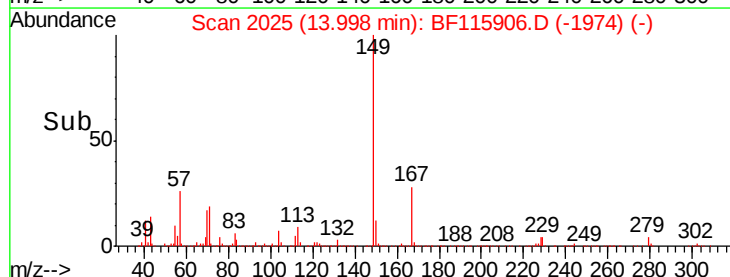
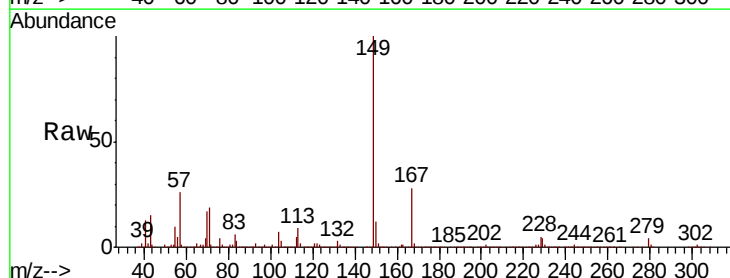
Tgt Ion:149 Resp: 488530

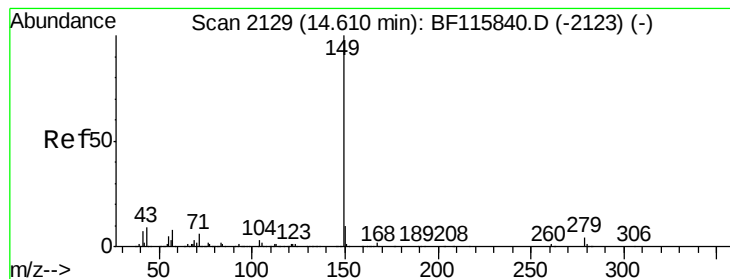
Ion Ratio Lower Upper

149 100

167 27.6 22.4 33.6

279 3.8 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 44.802 ng

RT: 14.61 min Scan# 2129

Delta R.T. 0.00 min

Lab File: BF115906.D

Acq: 1 Aug 2019 14:32

Instrument :

BNA_F

ClientSampleId :

TP-1-AMS

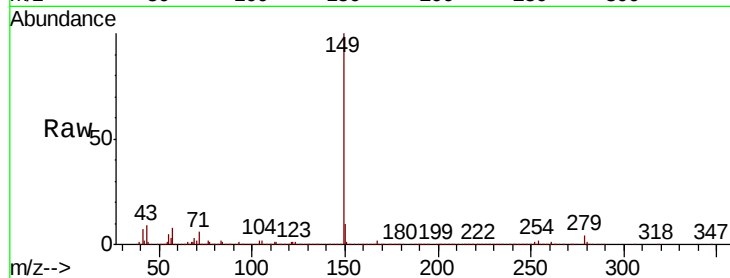
Tgt Ion:149 Resp: 828396

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

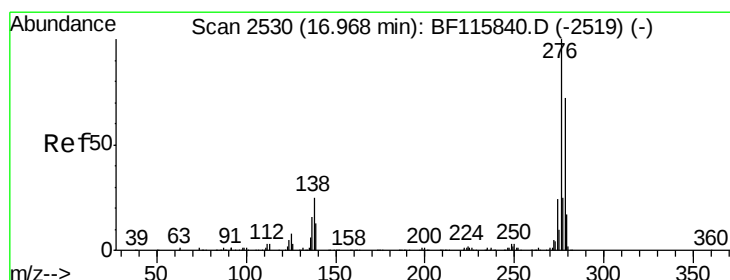
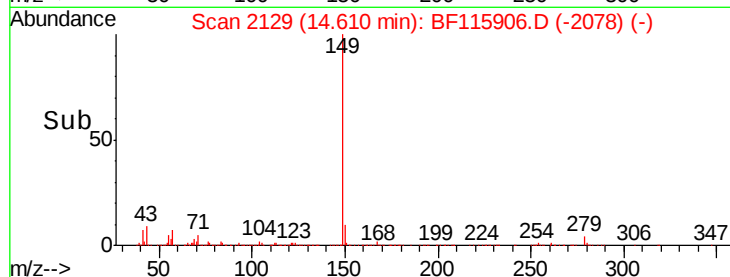
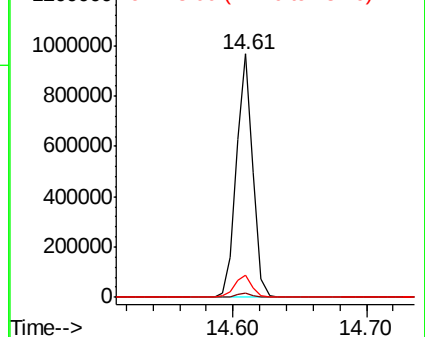
43 9.0 7.4 11.0



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: 61.010 ng

RT: 16.99 min Scan# 2534

Delta R.T. 0.02 min

Lab File: BF115906.D

Acq: 1 Aug 2019 14:32

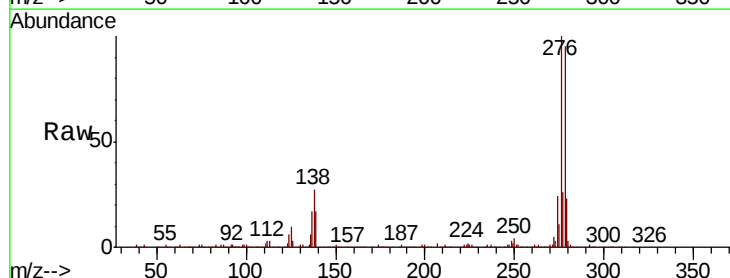
Tgt Ion:276 Resp: 893302

Ion Ratio Lower Upper

276 100

138 24.8 19.6 29.4

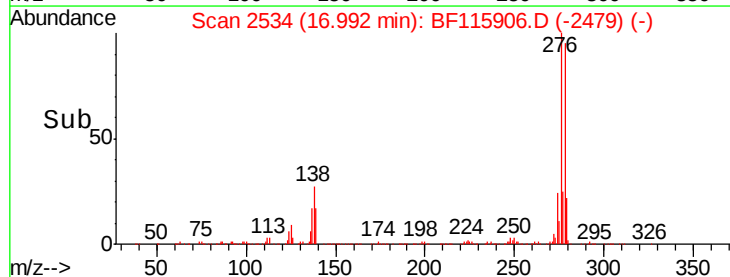
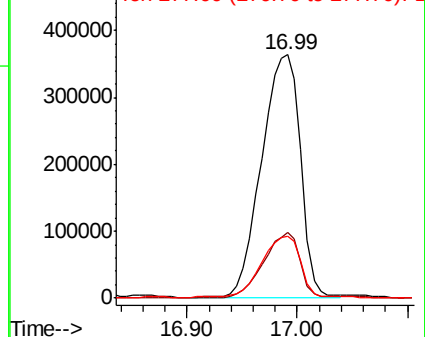
277 25.1 20.1 30.1

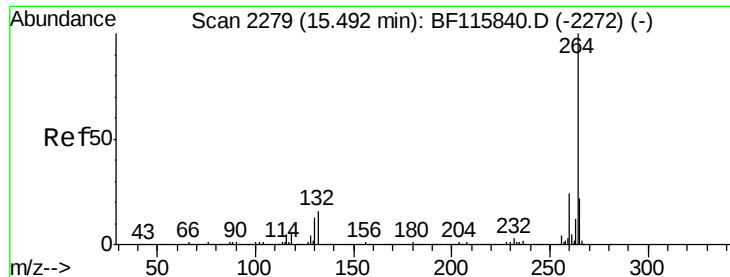


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



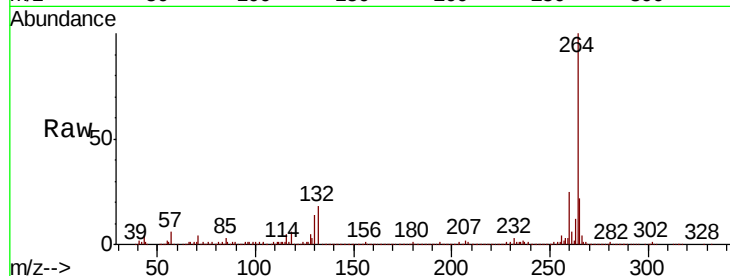


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.01 min
Lab File: BF115906.D
Acq: 1 Aug 2019 14:32

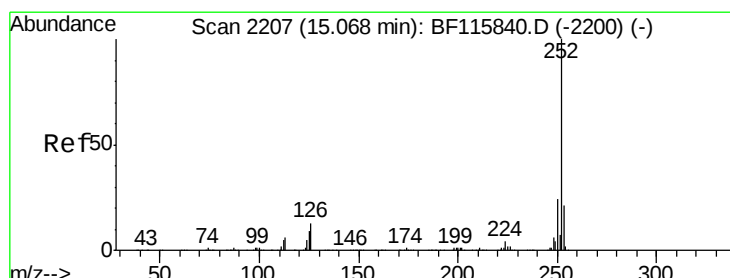
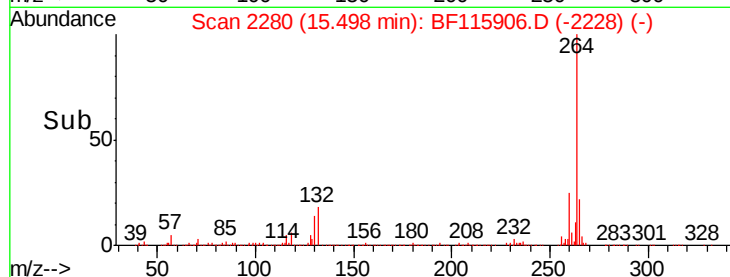
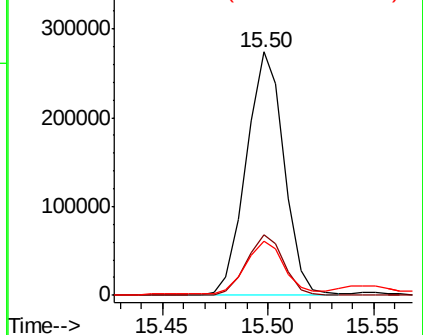
Instrument :
BNA_F
ClientSampleId :
TP-1-AMS

Tgt Ion:264 Resp: 339028

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.4	29.2
265	22.4	17.5	26.3



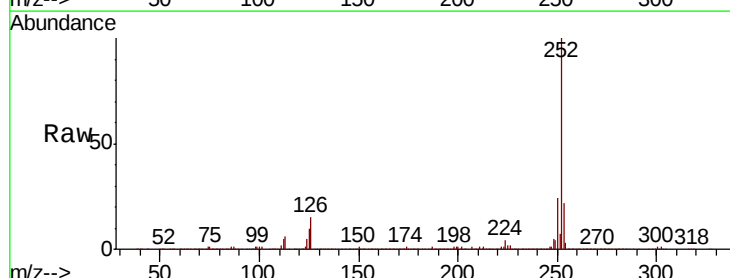
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



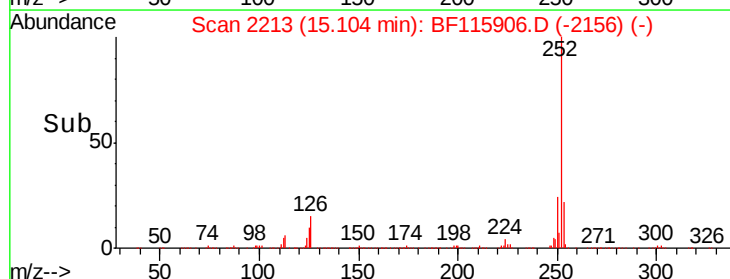
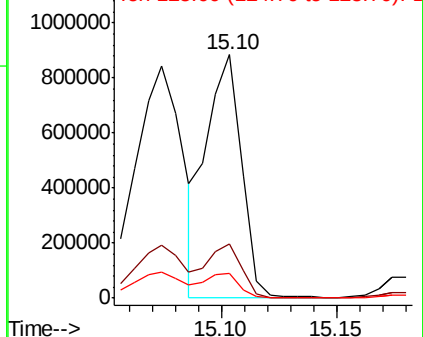
#88
Benzo(b)fluoranthene
Concen: 47.502 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.04 min
Lab File: BF115906.D
Acq: 1 Aug 2019 14:32

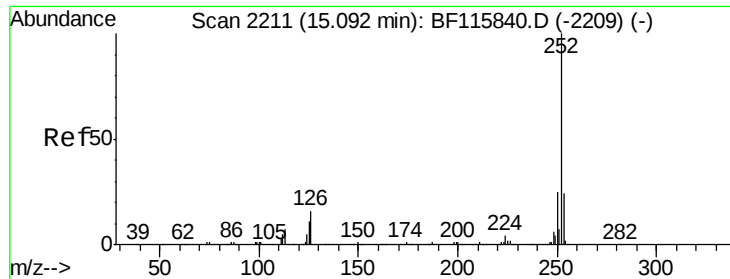
Tgt Ion:252 Resp: 931181

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	10.2	7.4	11.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

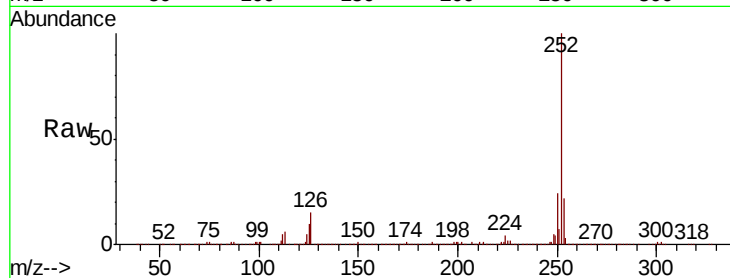




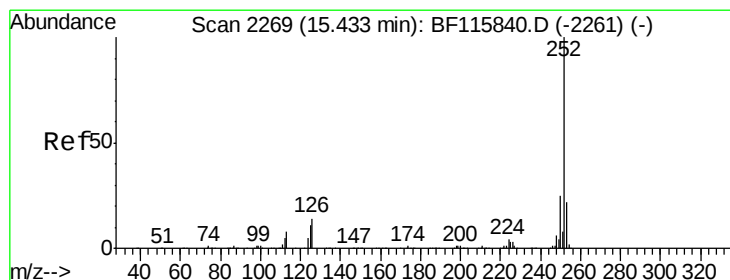
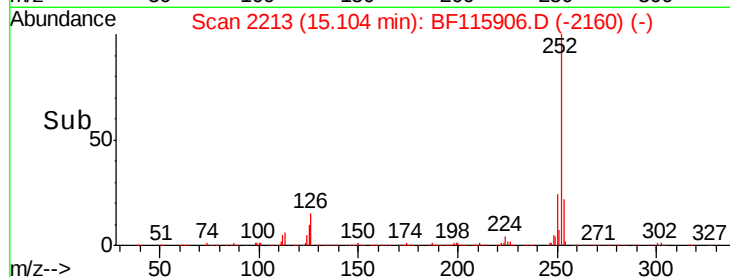
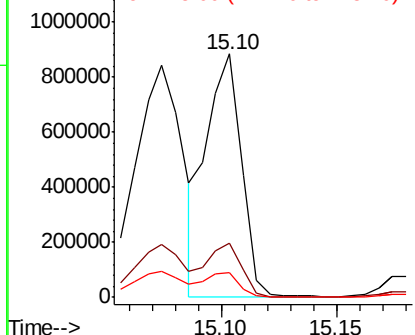
#89
Benzo(k)fluoranthene
Concen: 48.769 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.01 min
Lab File: BF115906.D
Acq: 1 Aug 2019 14:32

Instrument :
BNA_F
ClientSampleId :
TP-1-AMS

Tgt Ion:252 Resp: 931181
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.4
125 10.2 8.9 13.3

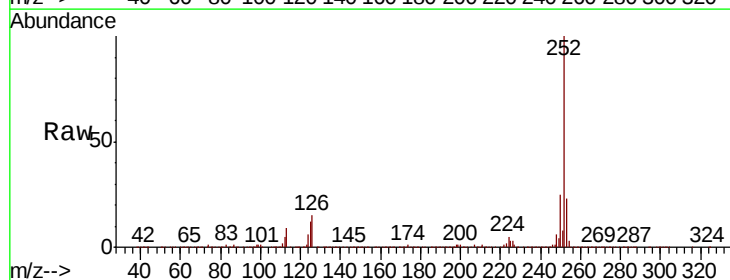


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

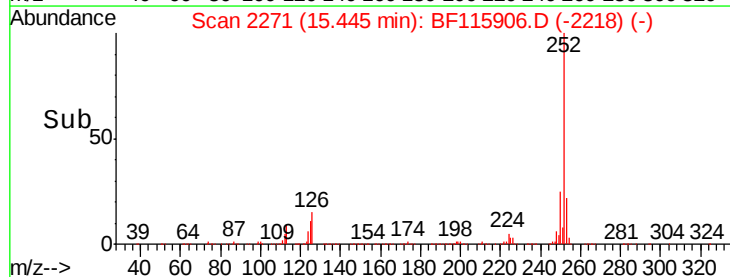
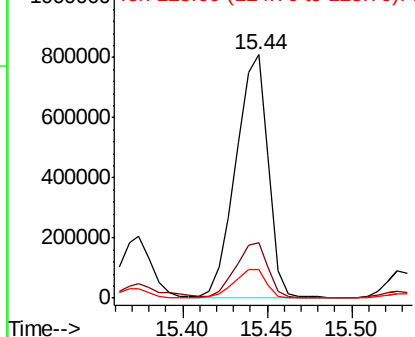


#90
Benzo(a)pyrene
Concen: 61.337 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BF115906.D
Acq: 1 Aug 2019 14:32

Tgt Ion:252 Resp: 1074847
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.6
125 11.6 8.8 13.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 42.384 ng

RT: 17.00 min Scan# 2535

Delta R.T. 0.02 min

Lab File: BF115906.D

Acq: 1 Aug 2019 14:32

Instrument :

BNA_F

ClientSampleId :

TP-1-AMS

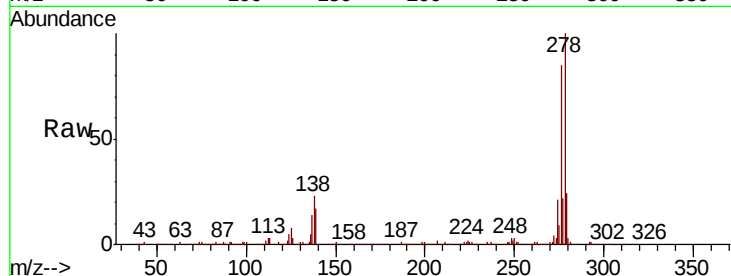
Tgt Ion: 278 Resp: 642900

Ion Ratio Lower Upper

278 100

139 16.6 12.6 19.0

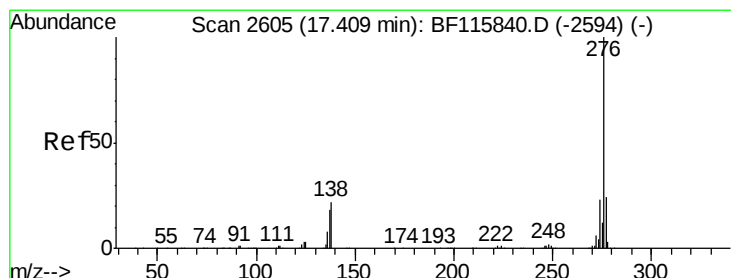
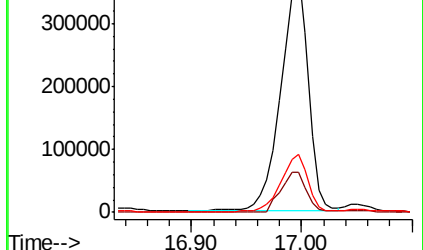
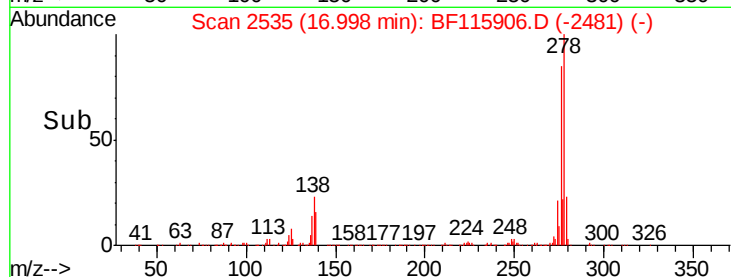
279 24.0 18.8 28.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 48.667 ng

RT: 17.44 min Scan# 2610

Delta R.T. 0.03 min

Lab File: BF115906.D

Acq: 1 Aug 2019 14:32

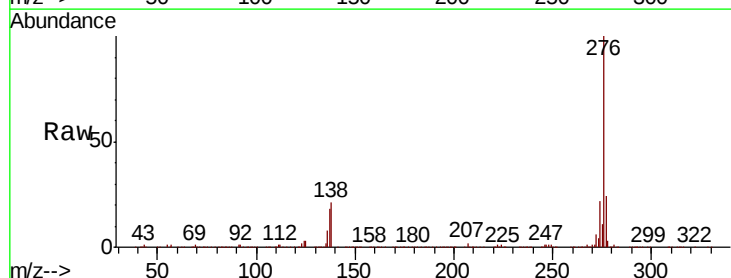
Tgt Ion: 276 Resp: 724994

Ion Ratio Lower Upper

276 100

277 24.3 19.5 29.3

138 21.3 17.8 26.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

