

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032719\
 Data File : BF113350.D
 Acq On : 28 Mar 2019 1:35
 Operator : JU/SJ
 Sample : K2086-08MS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-11MS

Quant Time: Mar 28 04:31:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	172348	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	639757	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	297378	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	534295	20.00	ng	0.00
76) Chrysene-d12	13.84	240	399539	20.00	ng	0.00
87) Perylene-d12	15.24	264	356860	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	1161267	110.17	ng	0.02
7) Phenol-d6	6.36	99	1367380	102.55	ng	0.00
23) Nitrobenzene-d5	7.27	82	1027011	95.28	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	427838	116.47	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1807535	97.96	ng	0.00
79) Terphenyl-d14	12.79	244	1685869	93.01	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	172164	32.193	ng	# 83
3) Pyridine	3.20	79	346775	26.303	ng	95
4) n-Nitrosodimethylamine	3.10	42	192747	32.887	ng	87
6) Aniline	6.37	93	269868	16.619	ng	# 50
8) 2-Chlorophenol	6.50	128	447835	36.587	ng	96
9) Benzaldehyde	6.25	77	76812	8.584	ng	96
10) Phenol	6.37	94	457675	30.065	ng	86
11) bis(2-Chloroethyl)ether	6.45	93	442737	37.942	ng	99
12) 1,3-Dichlorobenzene	6.65	146	490864	37.204	ng	99
13) 1,4-Dichlorobenzene	6.72	146	497788	39.075	ng	99
14) 1,2-Dichlorobenzene	6.87	146	453085	36.152	ng	99
15) Benzyl Alcohol	6.86	79	353284	40.161	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.99	45	673705	38.432	ng	88
17) 2-Methylphenol	6.97	107	364775	38.027	ng	97
18) Hexachloroethane	7.22	117	162261	35.462	ng	96
19) n-Nitroso-di-n-propylamine	7.12	70	310951	37.125	ng	98
20) 3+4-Methylphenols	7.13	107	451821	40.210	ng	98
22) Acetophenone	7.12	105	629811	43.167	ng	97
24) Nitrobenzene	7.29	77	483364	42.975	ng	95
25) Isophorone	7.53	82	859681	41.155	ng	98
26) 2-Nitrophenol	7.60	139	218926	36.824	ng	94
27) 2,4-Dimethylphenol	7.65	122	413578	48.359	ng	100
28) bis(2-Chloroethoxy)methane	7.74	93	559550	42.537	ng	99
29) 2,4-Dichlorophenol	7.85	162	389541	42.032	ng	98
30) 1,2,4-Trichlorobenzene	7.93	180	423380	42.342	ng	99
31) Naphthalene	8.01	128	1316480	42.109	ng	99
32) Benzoic acid	7.76	122	57154	8.302	ng	95
33) 4-Chloroaniline	8.06	127	182362	14.959	ng	99
34) Hexachlorobutadiene	8.13	225	243596	40.989	ng	99
35) Caprolactam	8.43	113	81637	27.446	ng	98
36) 4-Chloro-3-methylphenol	8.56	107	386515	41.464	ng	99
37) 2-Methylnaphthalene	8.70	142	883272	45.279	ng	100
38) 1-Methylnaphthalene	8.80	142	835844	44.547	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	418831	43.876	ng	99

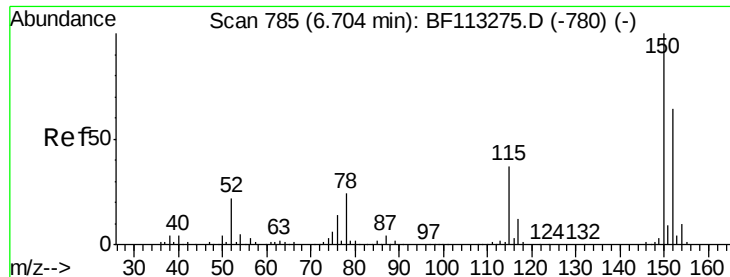
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032719\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	119158	29.491	nq	97
43) 2,4,6-Trichlorophenol	8.99	196	263529	42.394	nq	98
44) 2,4,5-Trichlorophenol	9.03	196	278183	40.437	nq	97
46) 1,1'-Biphenyl	9.16	154	1063338	42.813	nq	99
47) 2-Chloronaphthalene	9.19	162	815865	42.664	nq	99
48) 2-Nitroaniline	9.29	65	275309	45.876	nq	94
49) Acenaphthylene	9.60	152	1301537	42.093	nq	100
50) Dimethylphthalate	9.46	163	955187	43.342	nq	99
51) 2,6-Dinitrotoluene	9.53	165	197411	39.707	nq	89
52) Acenaphthene	9.77	154	741029	42.556	nq	99
53) 3-Nitroaniline	9.69	138	197309	35.192	nq	93
54) 2,4-Dinitrophenol	9.81	184	19281	7.797	nq	93
55) Dibenzofuran	9.94	168	1127467	43.070	nq	99
56) 4-Nitrophenol	9.87	139	183262	45.847	nq	92
57) 2,4-Dinitrotoluene	9.93	165	240770	38.081	nq	98
58) Fluorene	10.28	166	837048	41.161	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.07	232	213516	36.702	nq	98
60) Diethylphthalate	10.16	149	913934	42.274	nq	98
61) 4-Chlorophenyl-phenylether	10.27	204	420265	42.403	nq	94
62) 4-Nitroaniline	10.30	138	221563	38.382	nq	97
63) Azobenzene	10.43	77	847847	41.662	nq	97
65) 4,6-Dinitro-2-methylphenol	10.35	198	20186	6.906	nq	99
66) n-Nitrosodiphenylamine	10.39	169	781031	47.638	nq	99
67) 4-Bromophenyl-phenylether	10.76	248	273323	46.935	nq	93
68) Hexachlorobenzene	10.83	284	302039	44.684	nq	95
69) Atrazine	10.92	200	237912	45.975	nq	95
70) Pentachlorophenol	11.03	266	153539	43.598	nq	100
71) Phenanthrene	11.24	178	1160785	43.748	nq	99
72) Anthracene	11.29	178	1211014	44.934	nq	99
73) Carbazole	11.45	167	1092542	42.484	nq	99
74) Di-n-butylphthalate	11.77	149	1348756	45.226	nq	100
75) Fluoranthene	12.42	202	1180207	39.346	nq	99
77) Benzidine	12.54	184	343180	22.430	nq	96
78) Pyrene	12.64	202	1190027	42.982	nq	100
80) Butylbenzylphthalate	13.26	149	520558	42.662	nq	97
81) Benzo(a)anthracene	13.83	228	978083	42.767	nq	99
82) 3,3'-Dichlorobenzidine	13.79	252	275731	30.053	nq	100
83) Chrysene	13.87	228	990676	42.647	nq	100
84) Bis(2-ethylhexyl)phthalate	13.83	149	631866	42.242	nq	# 98
85) Di-n-octyl phthalate	14.43	149	1165157	45.890	nq	100
86) Indeno(1,2,3-cd)pyrene	16.60	276	839484	42.108	nq	98
88) Benzo(b)fluoranthene	14.84	252	917487	41.388	nq	99
89) Benzo(k)fluoranthene	14.87	252	930533	47.799	nq	98
90) Benzo(a)pyrene	15.19	252	865072	44.018	nq	99
91) Dibenzo(a,h)anthracene	16.60	278	717997	42.253	nq	100
92) Benzo(g,h,i)perylene	17.00	276	699744	40.840	nq	99

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

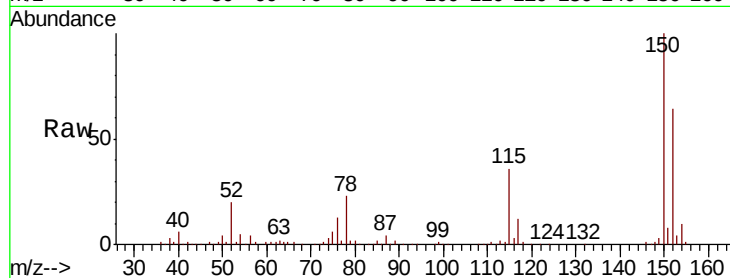


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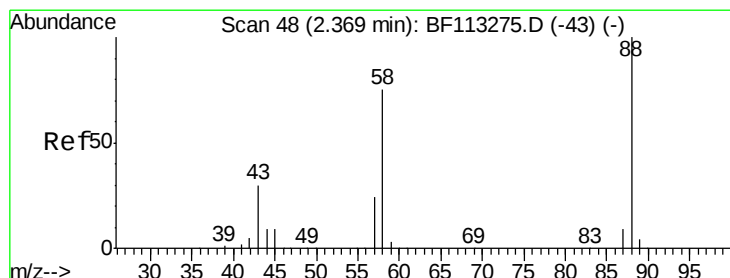
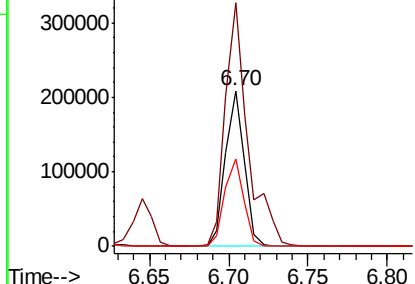
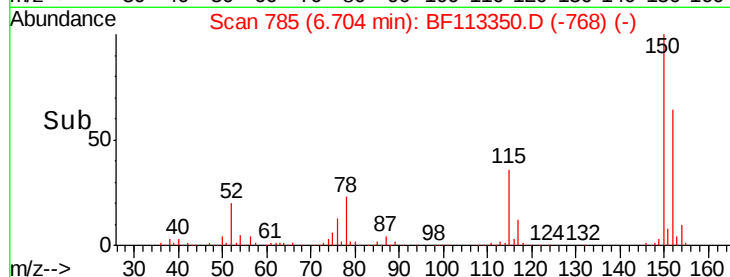
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF113350.D
Acq: 28 Mar 2019 1:35

Instrument :
BNA_F
ClientSampleId :
CS-11MS

Tot Ion:152 Resp: 172348
Ion Ratio Lower Upper
152 100
150 156.3 124.7 187.1
115 56.3 46.0 69.0



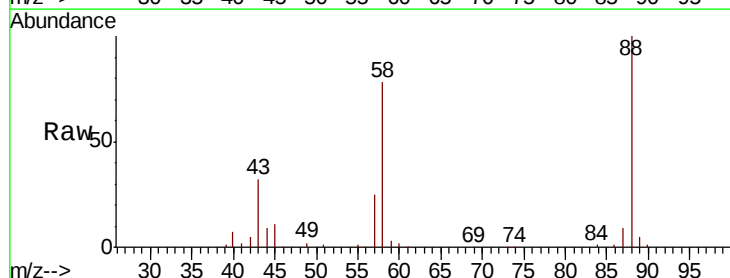
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



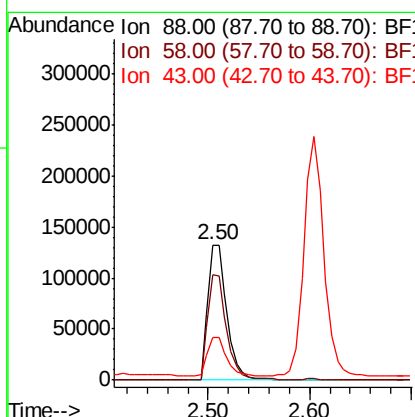
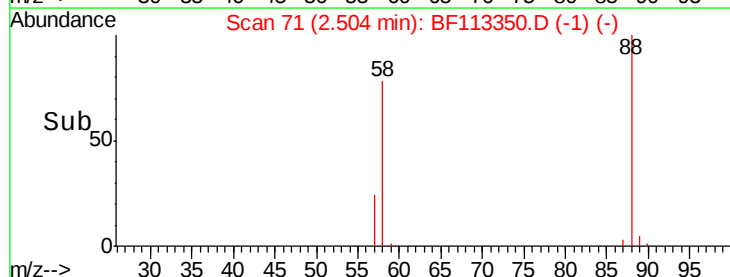
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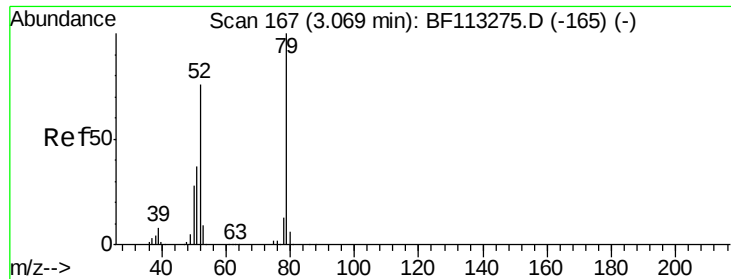
1,4-Dioxane
Concen: 32.193 ng
RT: 2.50 min Scan# 71
Delta R.T. 0.14 min
Lab File: BF113350.D
Acq: 28 Mar 2019 1:35

Tgt Ion: 88 Resp: 172164
Ion Ratio Lower Upper
88 100
58 75.2 61.9 92.9
43 0.0 24.2 36.4#



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





#3

Pvridine

Concen: 26.303 ng

RT: 3.20 min Scan# 189

Delta R.T. 0.13 min

Lab File: BF113350.D

Acq: 28 Mar 2019 1:35

Instrument :

BNA_F

ClientSampleId :

CS-11MS

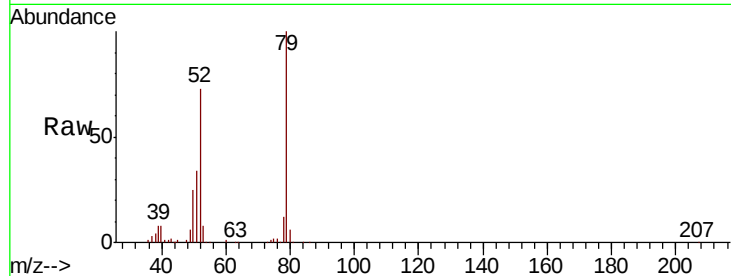
Tot Ion: 79 Resp: 346775

Ion Ratio Lower Upper

79 100

52 72.8 61.0 91.4

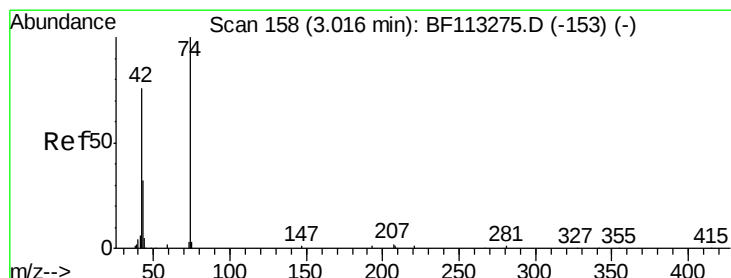
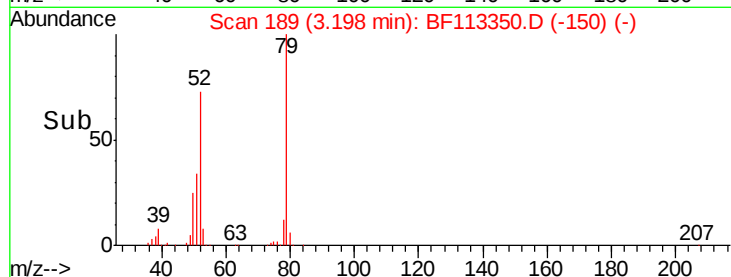
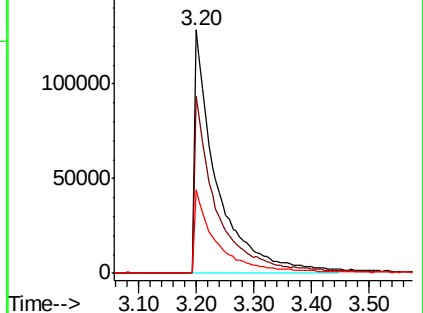
51 34.1 30.6 45.8



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: 32.887 ng

RT: 3.10 min Scan# 173

Delta R.T. 0.09 min

Lab File: BF113350.D

Acq: 28 Mar 2019 1:35

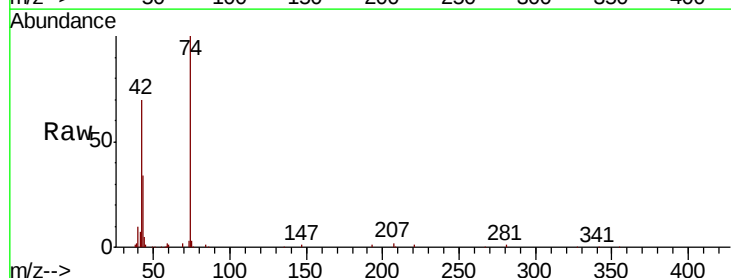
Tgt Ion: 42 Resp: 192747

Ion Ratio Lower Upper

42 100

74 143.3 102.4 153.6

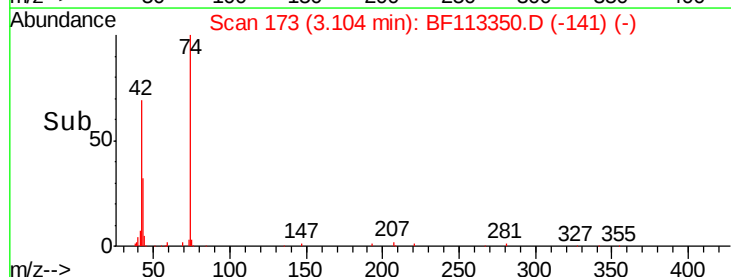
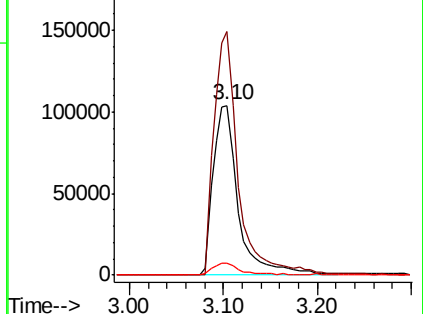
44 7.3 5.5 8.3



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: 110.173 ng

RT: 5.34 min Scan# 553

Delta R.T. 0.02 min

Lab File: BF113350.D

Acq: 28 Mar 2019 1:35

Instrument :

BNA_F

ClientSampleId :

CS-11MS

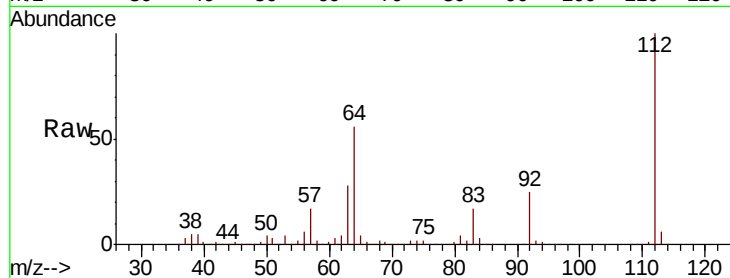
Tot Ion:112 Resp: 1161267

Ion Ratio Lower Upper

112 100

64 56.3 49.2 73.8

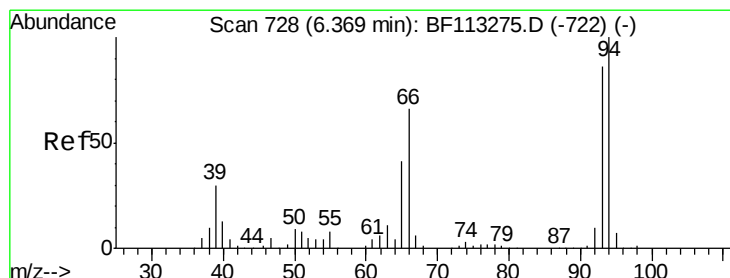
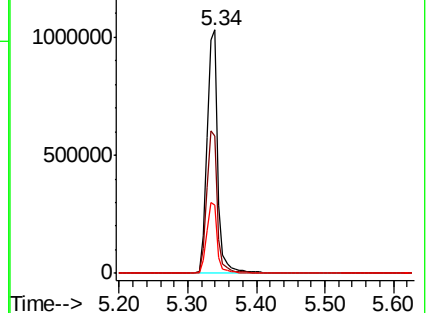
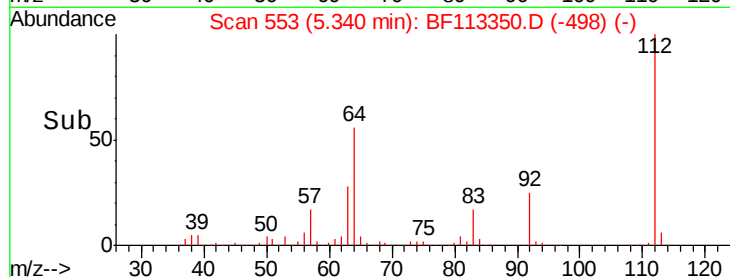
63 28.2 24.9 37.3



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: 16.619 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF113350.D

Acq: 28 Mar 2019 1:35

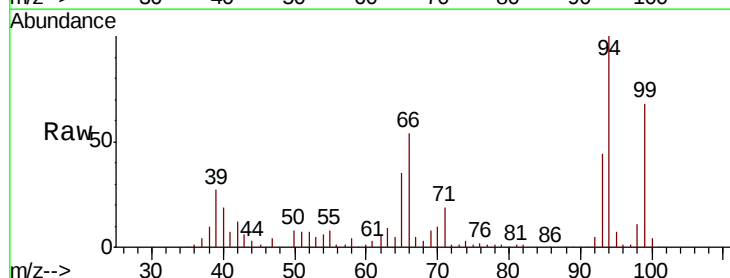
Tgt Ion: 93 Resp: 269868

Ion Ratio Lower Upper

93 100

66 123.1 62.1 93.1#

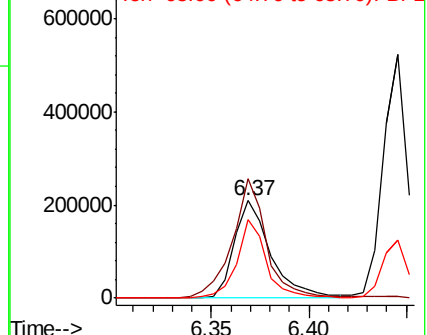
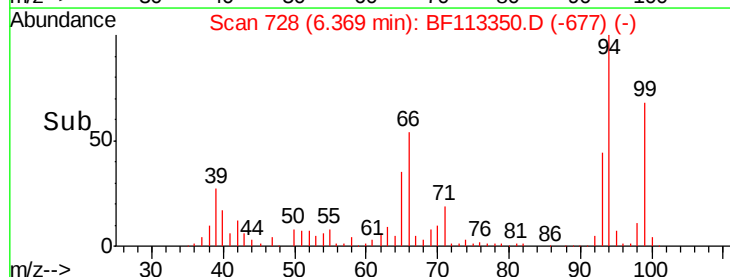
65 80.3 38.7 58.1#



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: 102.547 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF113350.D

Acq: 28 Mar 2019 1:35

Instrument :

BNA_F

ClientSampled :

CS-11MS

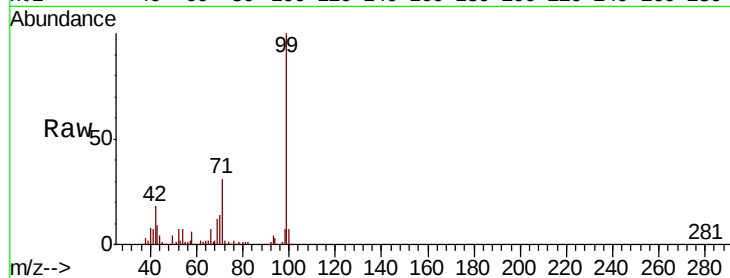
Tot Ion: 99 Resp: 1367380

Ion Ratio Lower Upper

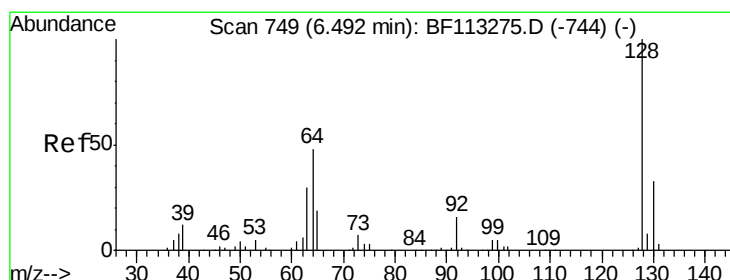
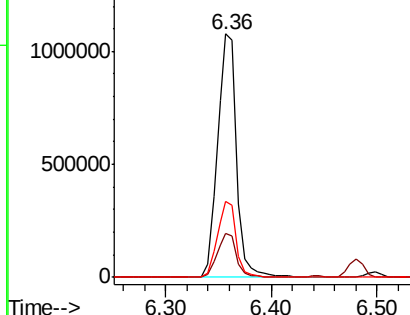
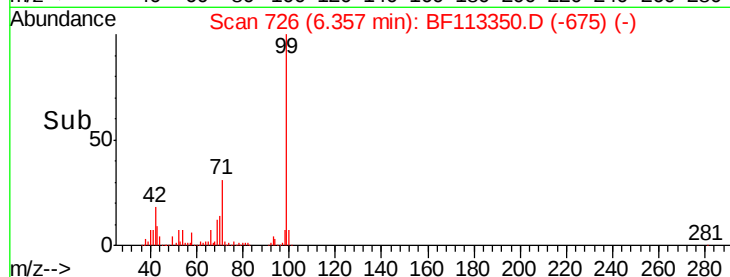
99 100

42 18.1 14.8 22.2

71 31.3 24.9 37.3



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



#8

2-Chlorophenol

Concen: 36.587 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF113350.D

Acq: 28 Mar 2019 1:35

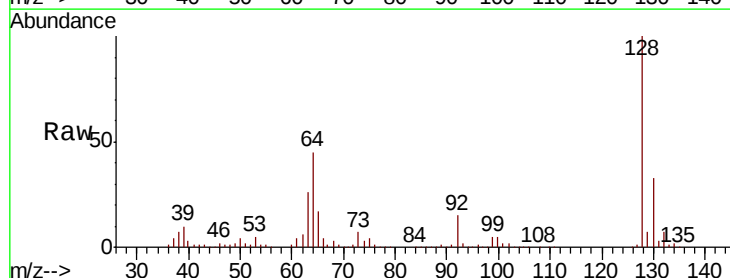
Tgt Ion: 128 Resp: 447835

Ion Ratio Lower Upper

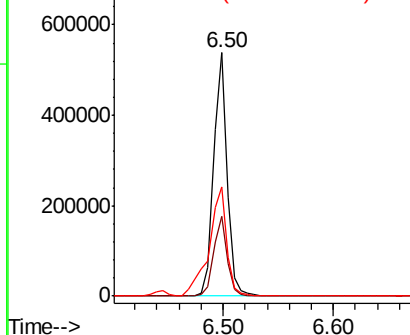
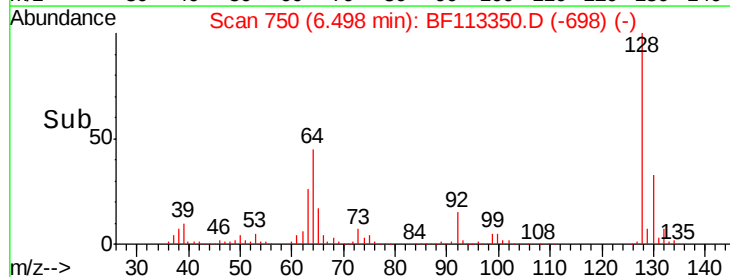
128 100

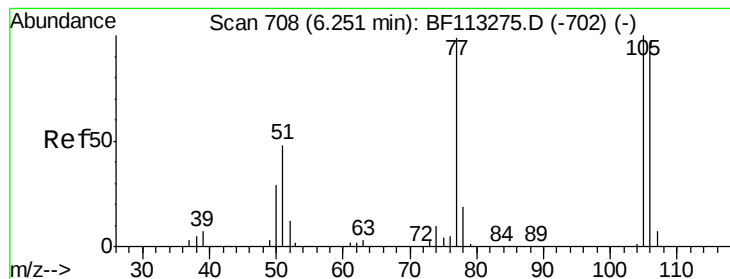
130 32.5 12.6 52.6

64 44.8 29.4 69.4



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





#9

Benzaldehyde

Concen: 8.584 ng

RT: 6.25 min Scan# 708

Delta R.T. -0.00 min

Lab File: BF113350.D

Acq: 28 Mar 2019 1:35

Instrument :

BNA_F

ClientSampled :

CS-11MS

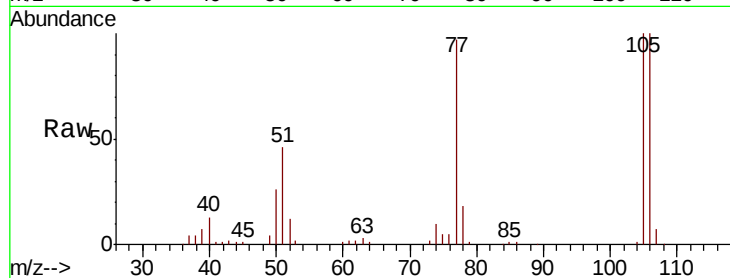
Tot Ion: 77 Resp: 76812

Ion Ratio Lower Upper

77 100

105 103.1 80.9 120.9

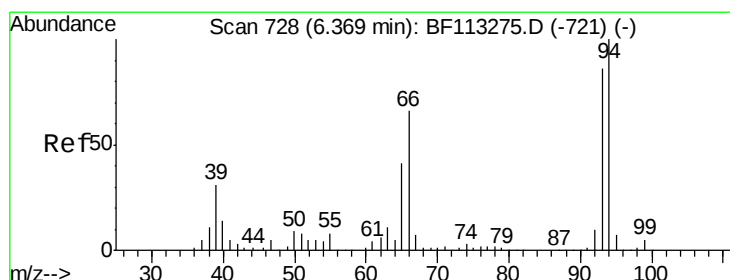
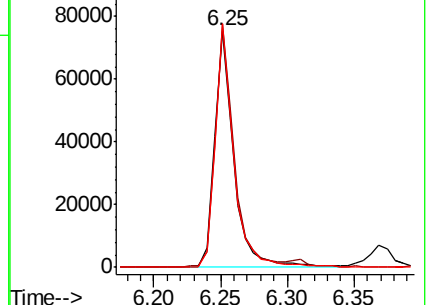
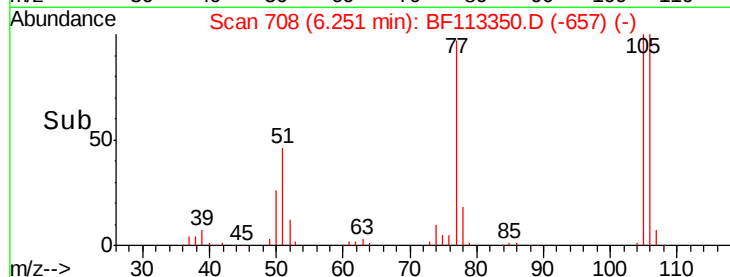
106 103.2 77.8 117.8



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: 30.065 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF113350.D

Acq: 28 Mar 2019 1:35

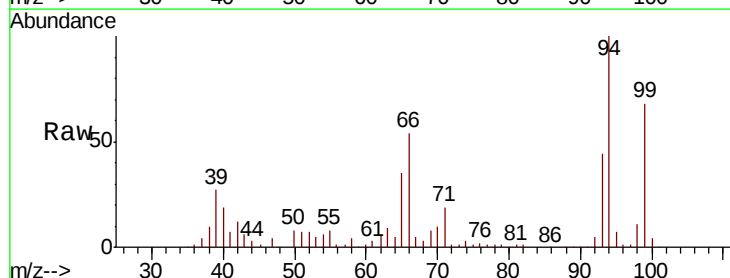
Tgt Ion: 94 Resp: 457675

Ion Ratio Lower Upper

94 100

65 35.1 21.4 61.4

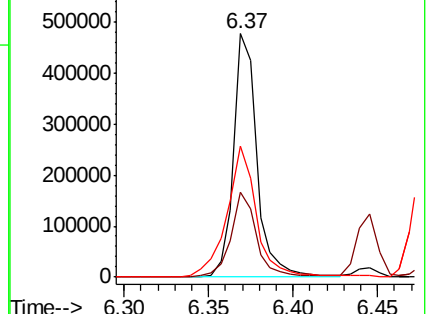
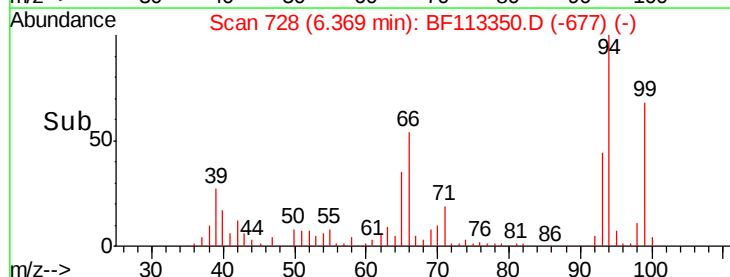
66 53.8 46.4 86.4

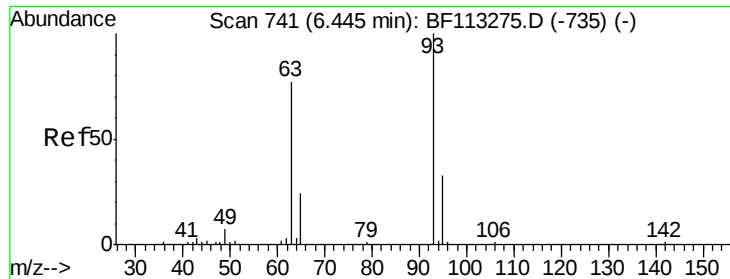


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

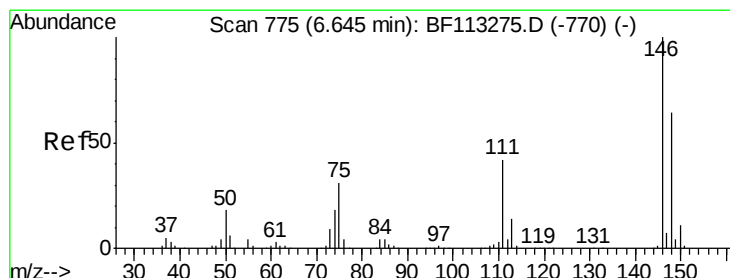
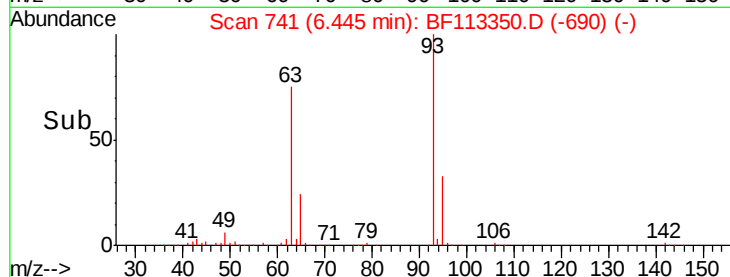
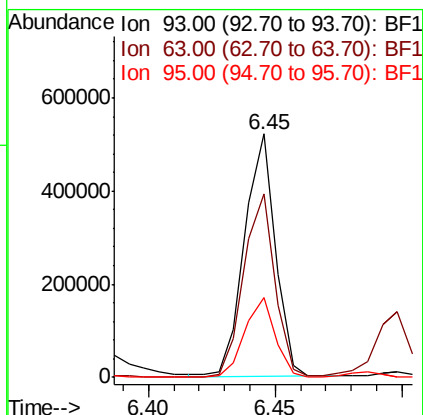
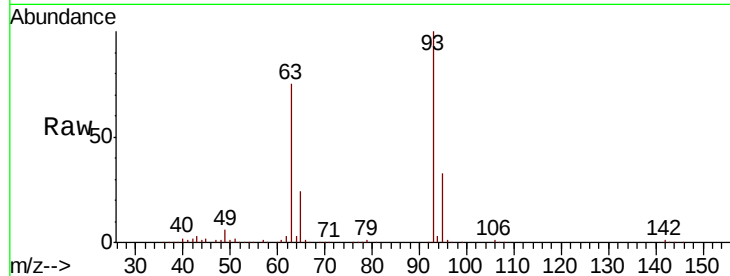




#11
 bis(2-Chloroethyl)ether
 Concen: 37.942 ng
 RT: 6.45 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BF113350.D
 Acq: 28 Mar 2019 1:35

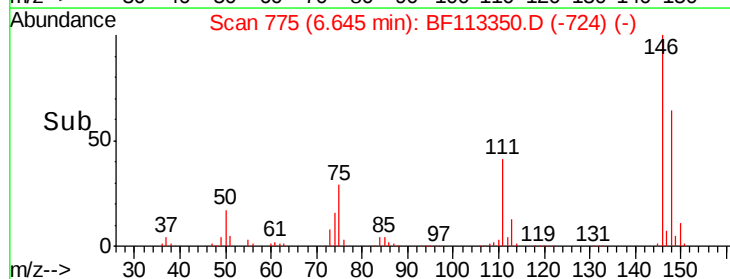
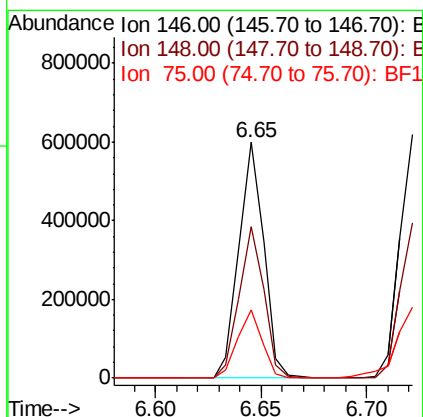
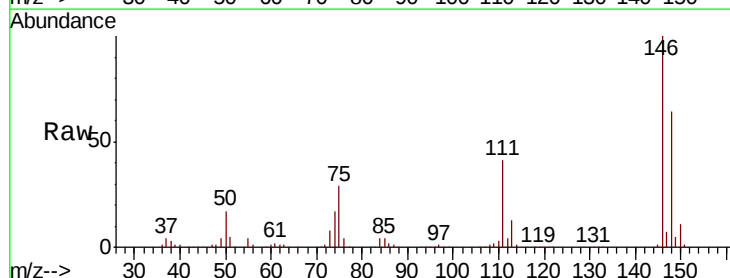
Instrument :
 BNA_F
 ClientSampleId :
 CS-11MS

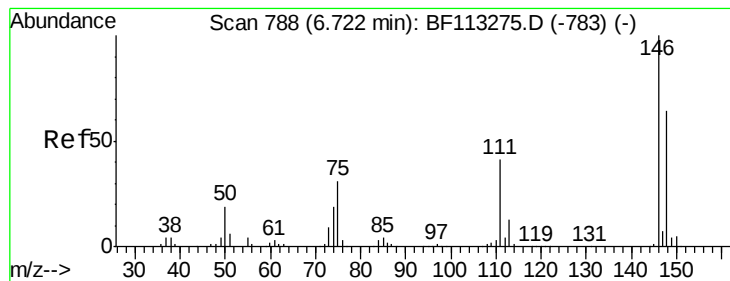
Tot Ion	Ratio	Lower	Upper
93	100		
63	75.1	56.1	96.1
95	32.8	12.8	52.8



#12
 1,3-Dichlorobenzene
 Concen: 37.204 ng
 RT: 6.65 min Scan# 775
 Delta R.T. -0.00 min
 Lab File: BF113350.D
 Acq: 28 Mar 2019 1:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.4	77.0
75	29.1	24.8	37.2





#13

1,4-Dichlorobenzene

Concen: 39.075 ng

RT: 6.72 min Scan# 788

Delta R.T. -0.00 min

Lab File: BF113350.D

Acq: 28 Mar 2019 1:35

Instrument :

BNA_F

ClientSampleId :

CS-11MS

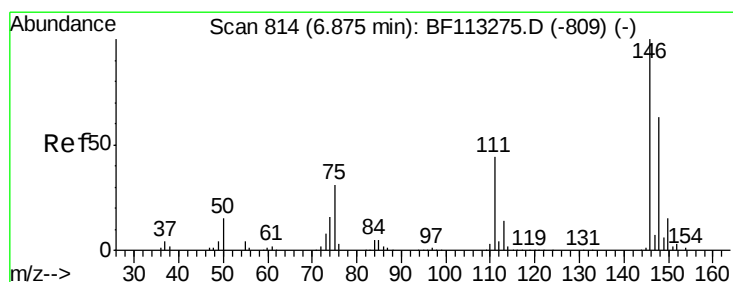
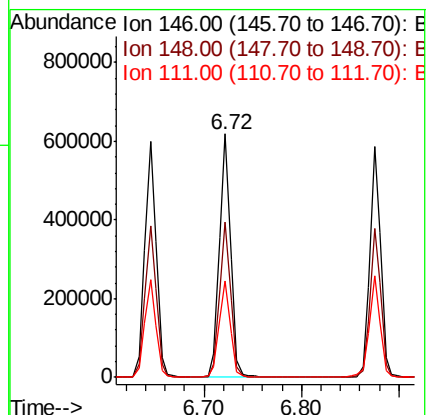
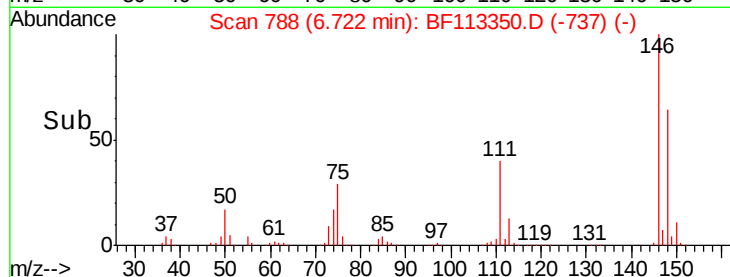
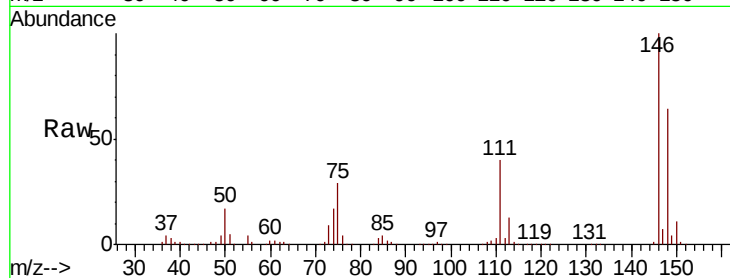
Tot Ion:146 Resp: 497788

Ion Ratio Lower Upper

146 100

148 63.8 51.1 76.7

111 39.6 32.8 49.2



#14

1,2-Dichlorobenzene

Concen: 36.152 ng

RT: 6.87 min Scan# 814

Delta R.T. 0.00 min

Lab File: BF113350.D

Acq: 28 Mar 2019 1:35

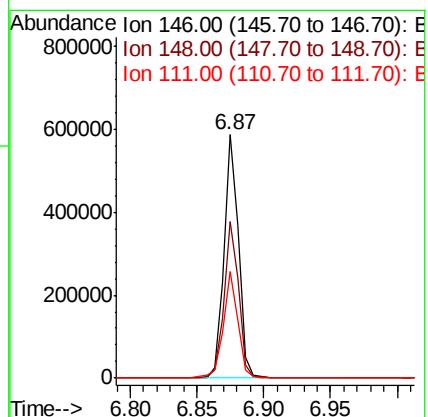
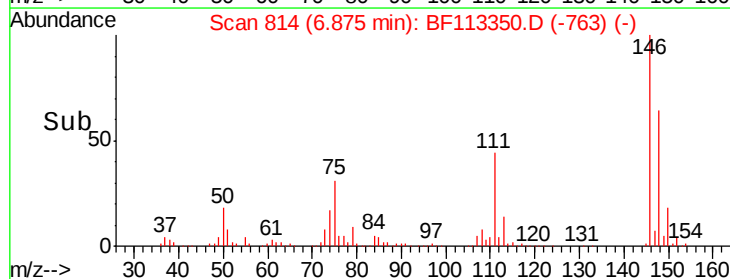
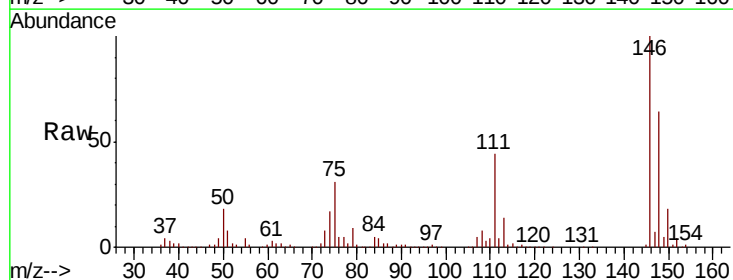
Tgt Ion:146 Resp: 453085

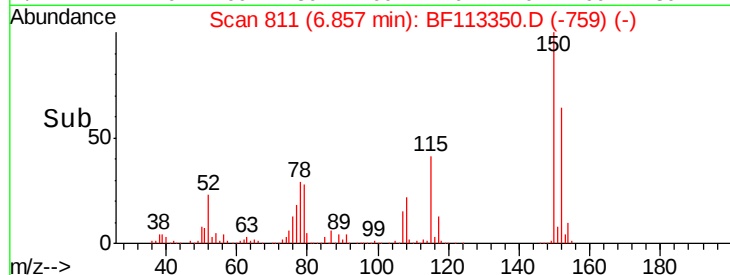
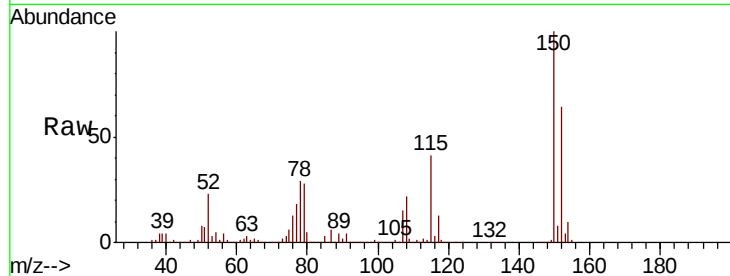
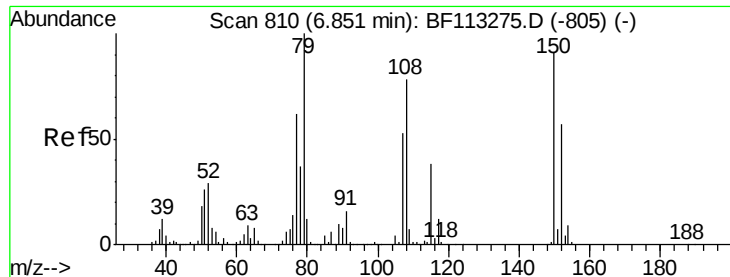
Ion Ratio Lower Upper

146 100

148 64.2 50.2 75.4

111 43.9 35.4 53.2





#15

Benzyl Alcohol

Concen: 40.161 ng

RT: 6.86 min Scan# 811

Delta R.T. 0.01 min

Lab File: BF113350.D

Acq: 28 Mar 2019 1:35

Instrument :

BNA_F

ClientSampleId :

CS-11MS

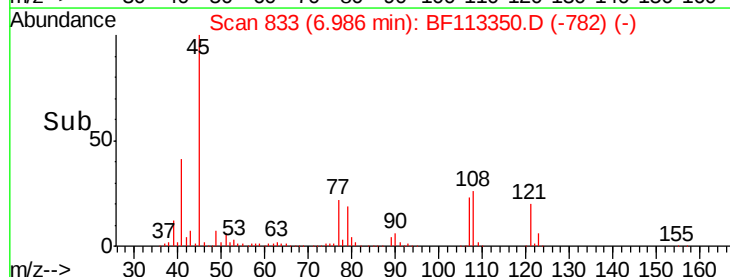
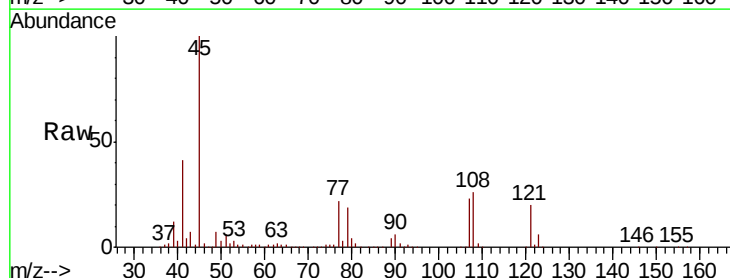
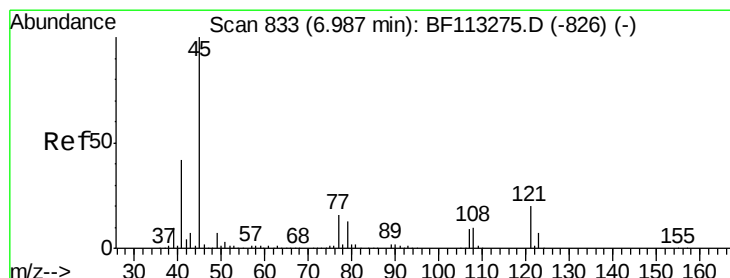
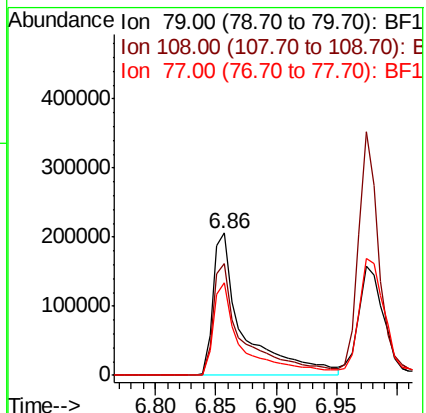
Tot Ion: 79 Resp: 353284

Ion Ratio Lower Upper

79 100

108 78.5 62.0 93.0

77 64.9 49.9 74.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.432 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.00 min

Lab File: BF113350.D

Acq: 28 Mar 2019 1:35

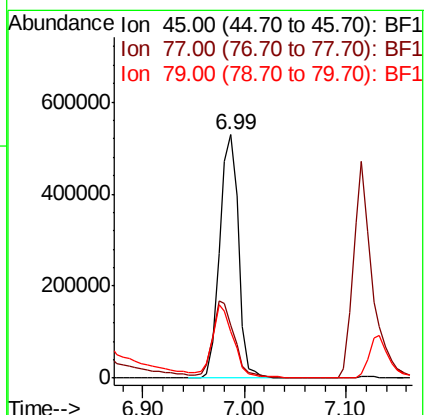
Tgt Ion: 45 Resp: 673705

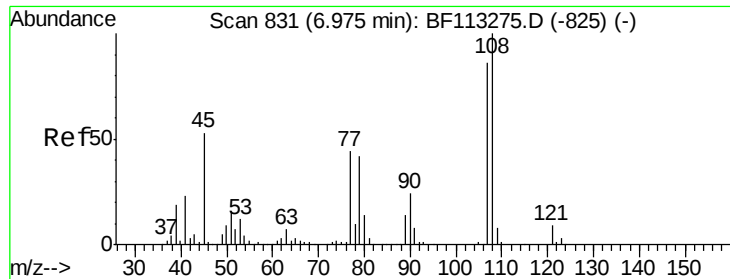
Ion Ratio Lower Upper

45 100

77 21.8 0.0 36.6

79 19.0 0.0 34.0

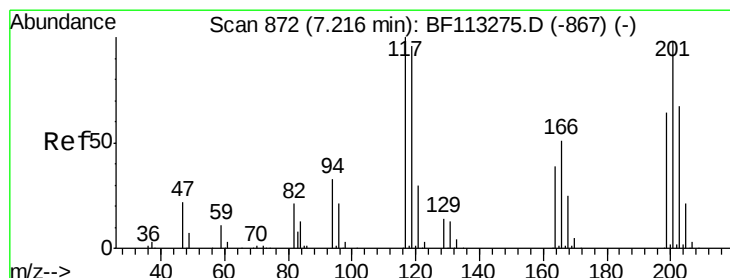
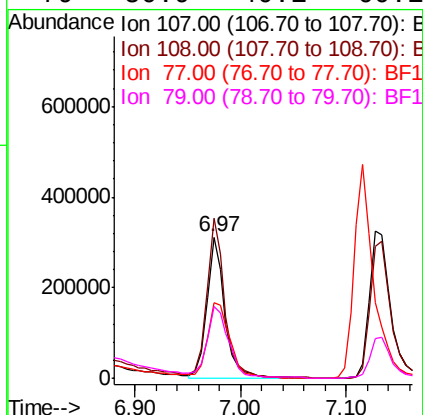
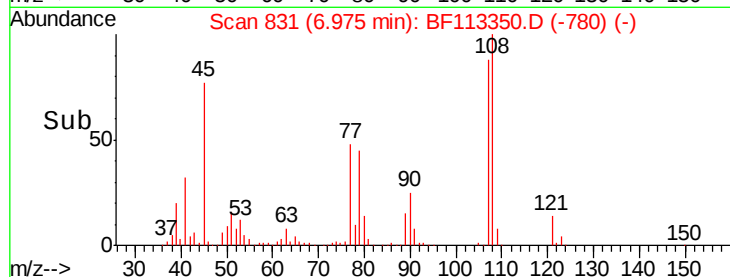
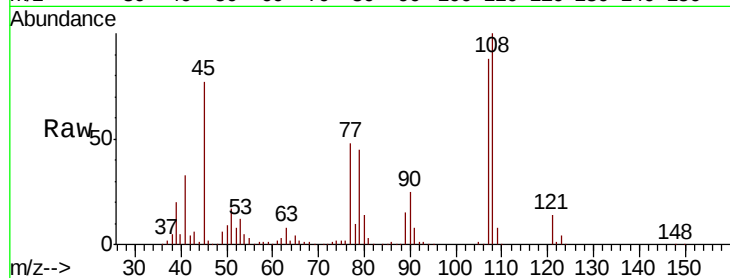




#17
2-Methylphenol
Concen: 38.027 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF113350.D
Acq: 28 Mar 2019 1:35

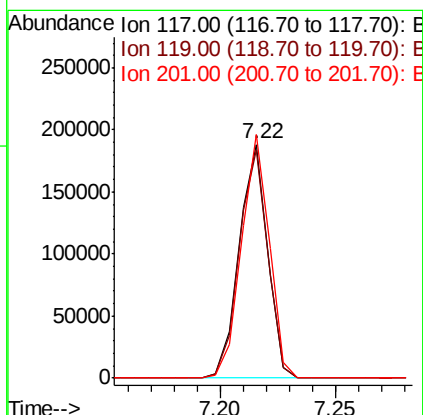
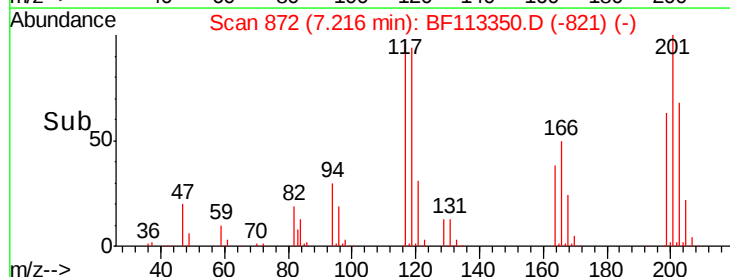
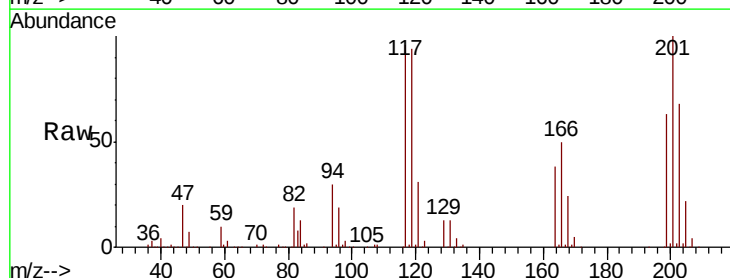
Instrument :
BNA_F
ClientSampleId :
CS-11MS

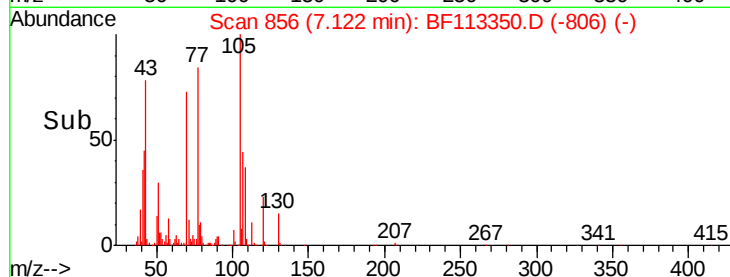
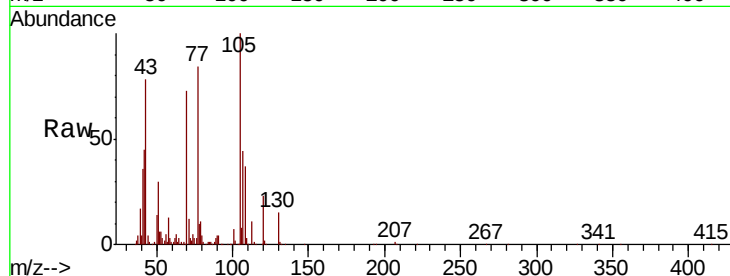
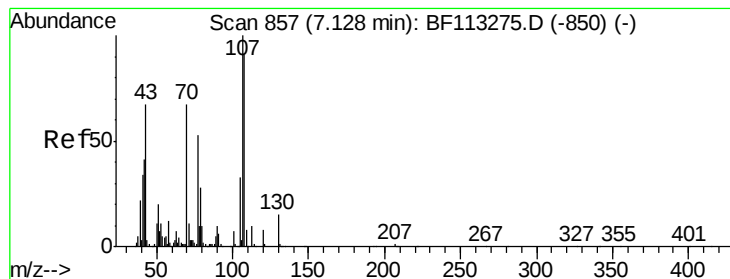
Tot Ion:107 Resp: 364775
Ion Ratio Lower Upper
107 100
108 113.2 93.4 140.0
77 54.1 41.2 61.8
79 50.9 40.1 60.1



#18
Hexachloroethane
Concen: 35.462 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF113350.D
Acq: 28 Mar 2019 1:35

Tgt Ion:117 Resp: 162261
Ion Ratio Lower Upper
117 100
119 97.8 76.9 115.3
201 104.1 78.7 118.1





#19

n-Nitroso-di-n-propylamine

Concen: 37.125 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF113350.D

Acq: 28 Mar 2019 1:35

Instrument :

BNA_F

ClientSampleId :

CS-11MS

Tot Ion: 70 Resp: 310951

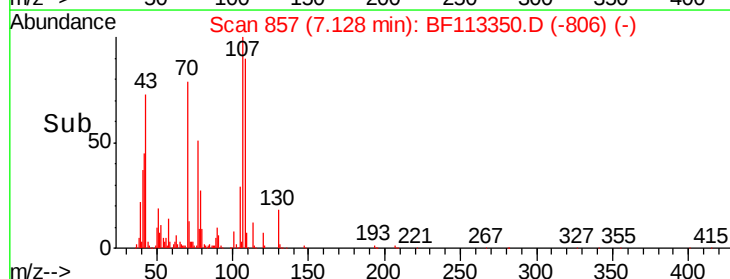
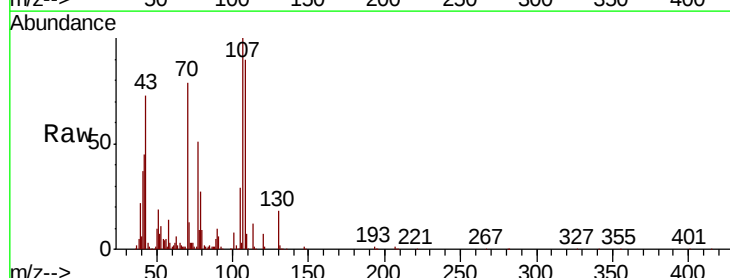
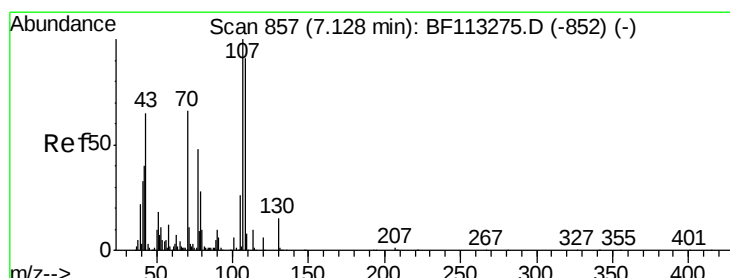
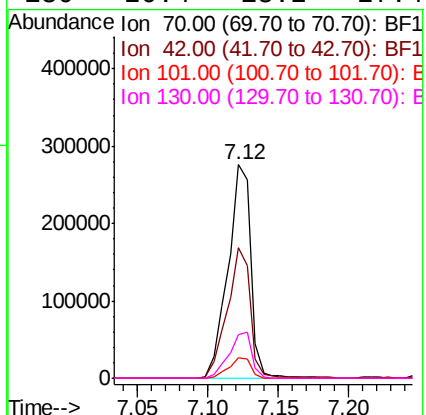
Ion Ratio Lower Upper

70 100

42 61.2 48.4 72.6

101 9.6 7.8 11.8

130 20.4 18.2 27.4



#20

3+4-Methylphenols

Concen: 40.210 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF113350.D

Acq: 28 Mar 2019 1:35

Tgt Ion:107 Resp: 451821

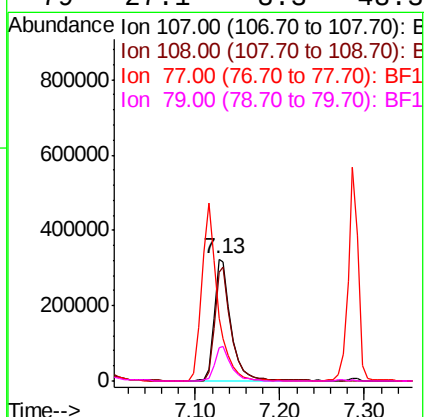
Ion Ratio Lower Upper

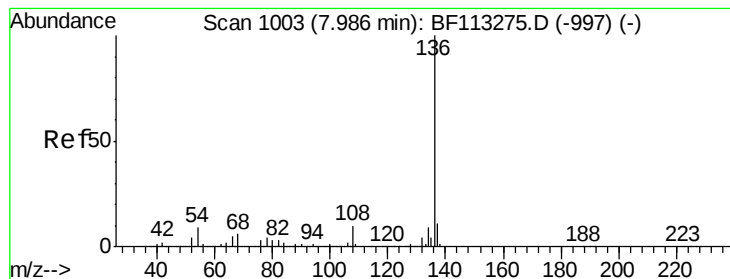
107 100

108 89.6 71.4 111.4

77 51.2 33.5 73.5

79 27.1 8.3 48.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.00 min

Lab File: BF113350.D

Acq: 28 Mar 2019 1:35

Instrument :

BNA_F

ClientSampleId :

CS-11MS

Tot Ion:136 Resp: 639757

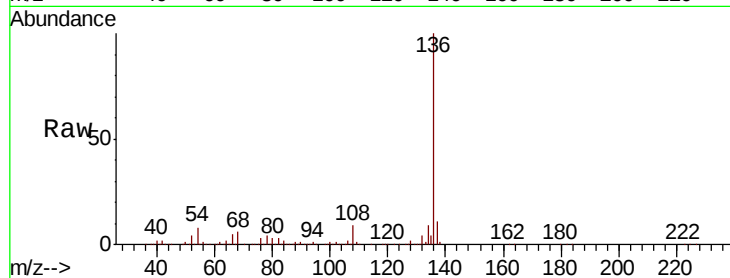
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.0 7.0 10.6

68 6.0 4.8 7.2

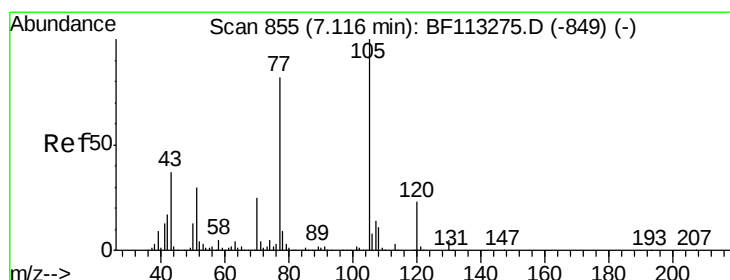
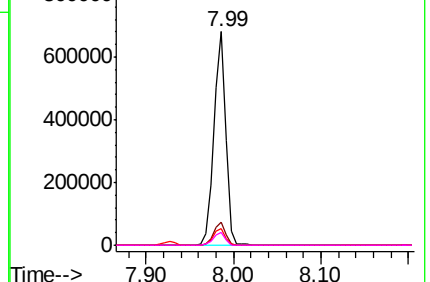
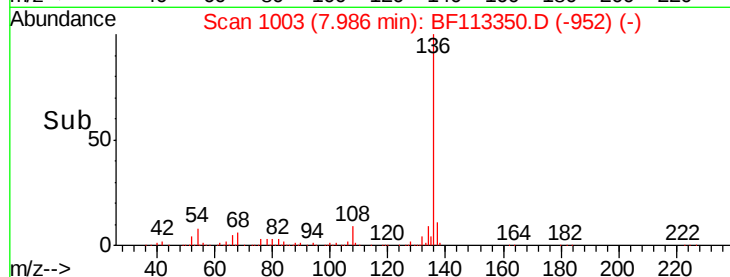


Abundance Ion 136.00 (135.70 to 136.70): E

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: 43.167 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.00 min

Lab File: BF113350.D

Acq: 28 Mar 2019 1:35

Tgt Ion:105 Resp: 629811

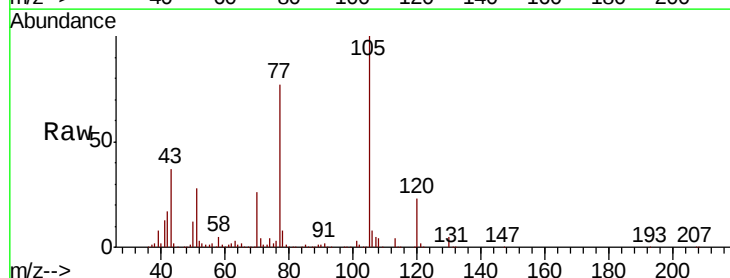
Ion Ratio Lower Upper

105 100

71 4.3 3.3 4.9

51 27.6 24.2 36.2

120 23.0 18.1 27.1

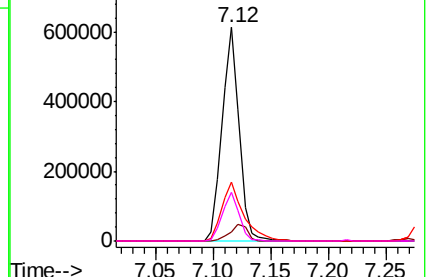
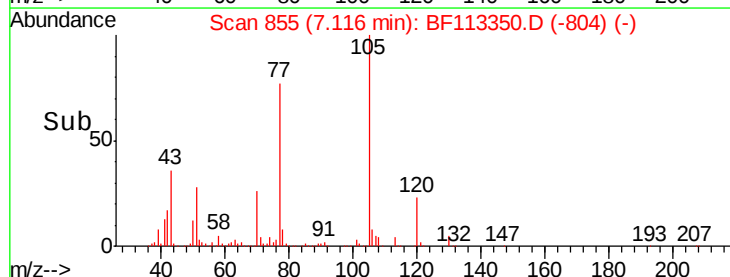


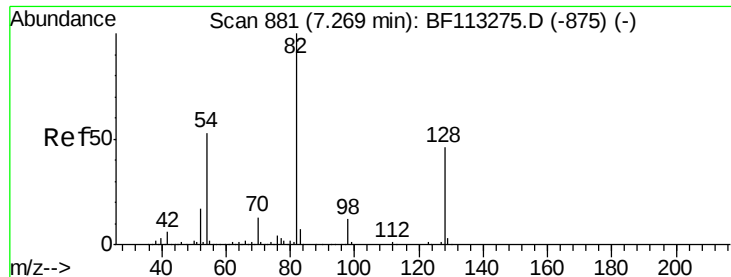
Abundance Ion 105.00 (104.70 to 105.70): E

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

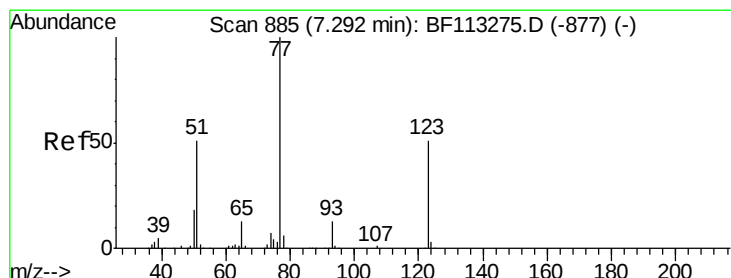
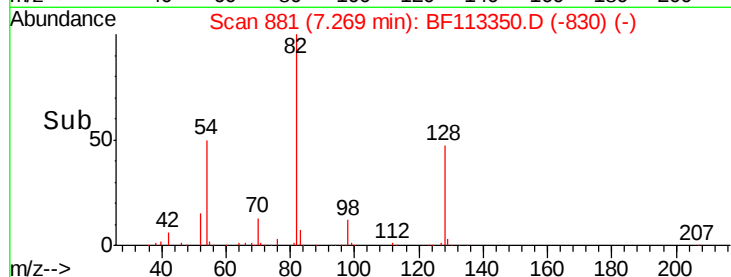
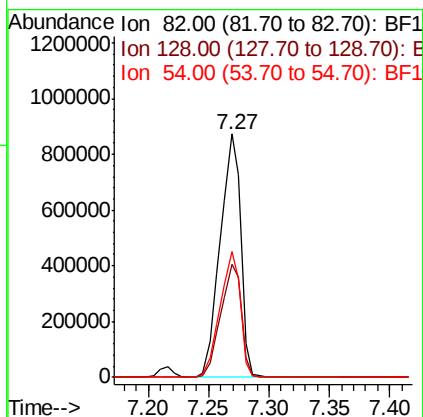
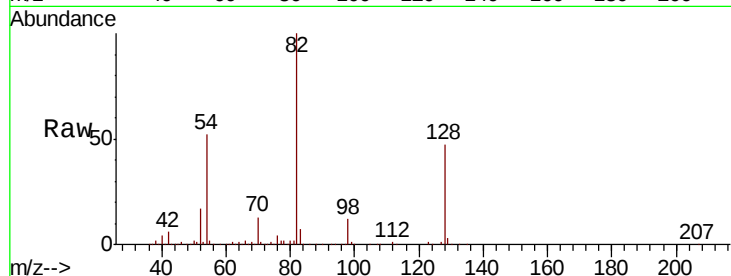




#23
 Nitrobenzene-d5
 Concen: 95.282 ng
 RT: 7.27 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF113350.D
 Acq: 28 Mar 2019 1:35

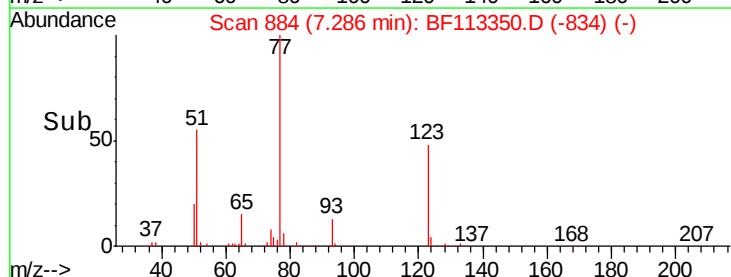
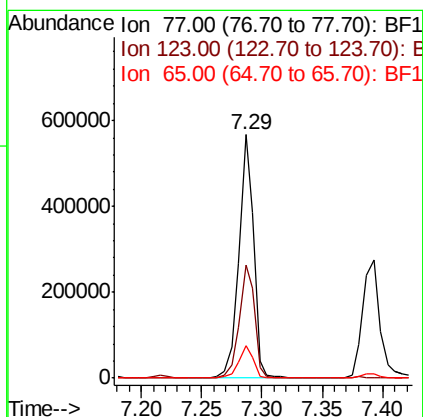
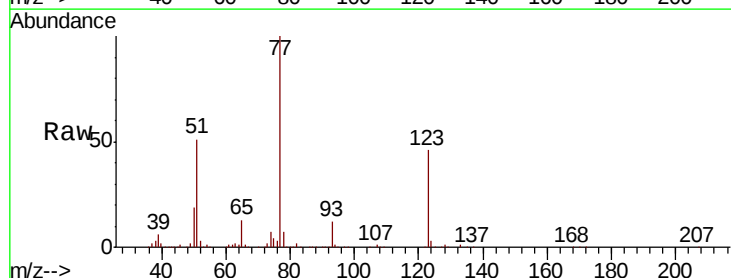
Instrument :
 BNA_F
 ClientSampled :
 CS-11MS

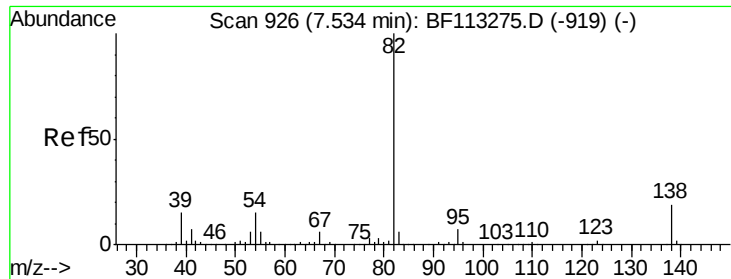
Tot Ion: 82 Resp: 1027011
 Ion Ratio Lower Upper
 82 100
 128 46.6 36.5 54.7
 54 51.6 42.2 63.2



#24
 Nitrobenzene
 Concen: 42.975 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF113350.D
 Acq: 28 Mar 2019 1:35

Tgt Ion: 77 Resp: 483364
 Ion Ratio Lower Upper
 77 100
 123 46.5 40.8 61.2
 65 13.2 10.6 16.0

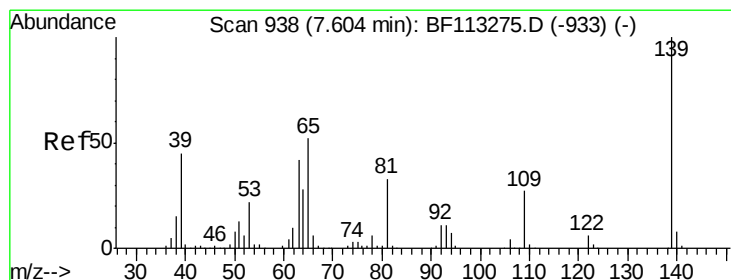
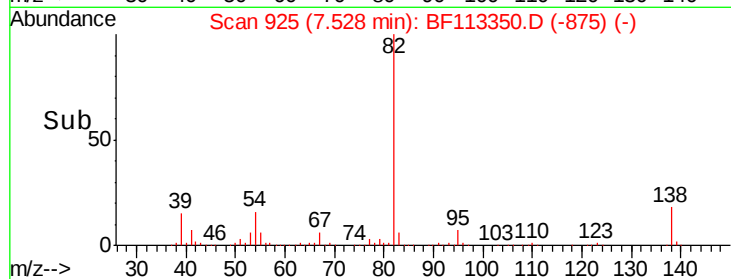
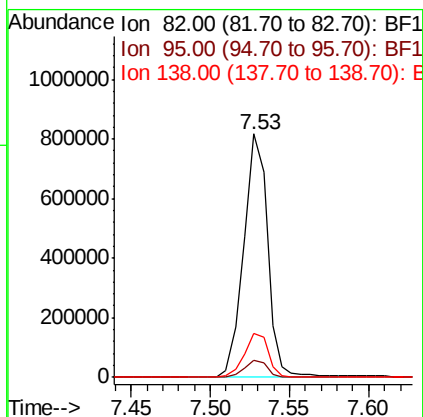
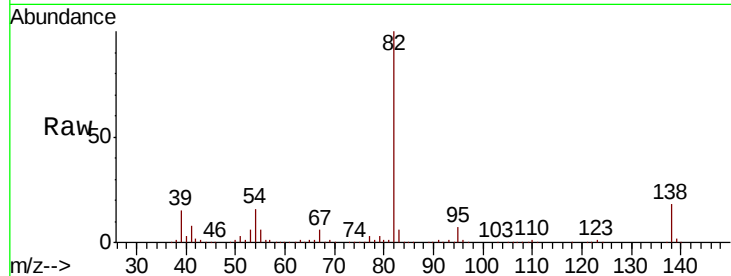




#25
Isophorone
Concen: 41.155 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF113350.D
Acq: 28 Mar 2019 1:35

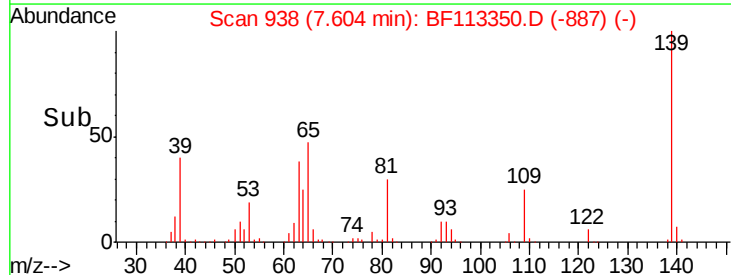
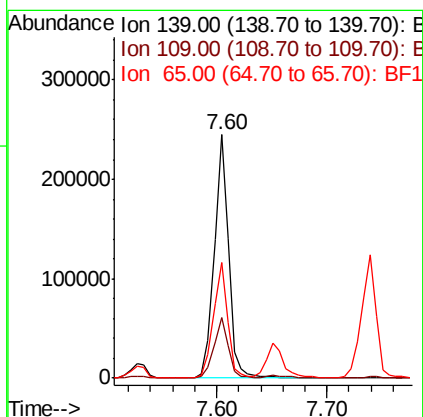
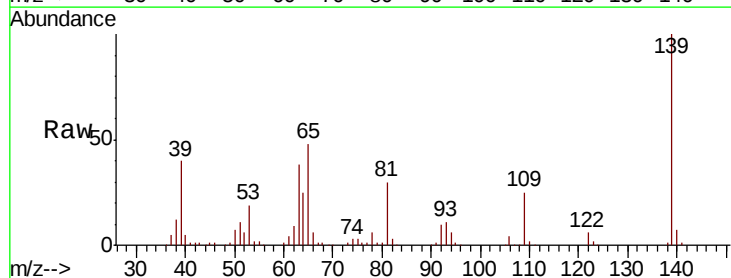
Instrument :
BNA_F
ClientSampleId :
CS-11MS

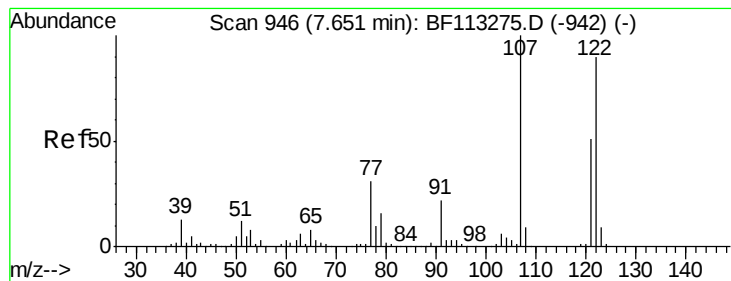
Tot Ion: 82 Resp: 859681
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 17.8 15.2 22.8



#26
2-Nitrophenol
Concen: 36.824 ng
RT: 7.60 min Scan# 938
Delta R.T. -0.00 min
Lab File: BF113350.D
Acq: 28 Mar 2019 1:35

Tgt Ion: 139 Resp: 218926
Ion Ratio Lower Upper
139 100
109 24.9 21.7 32.5
65 47.5 41.6 62.4

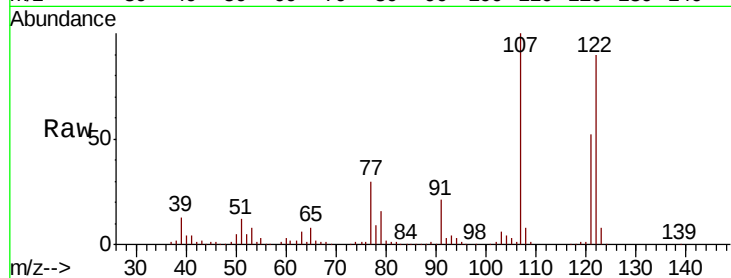




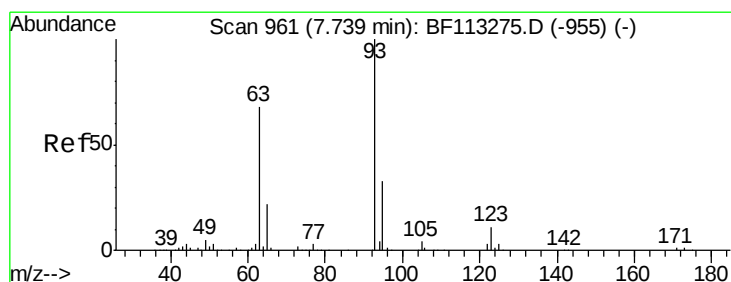
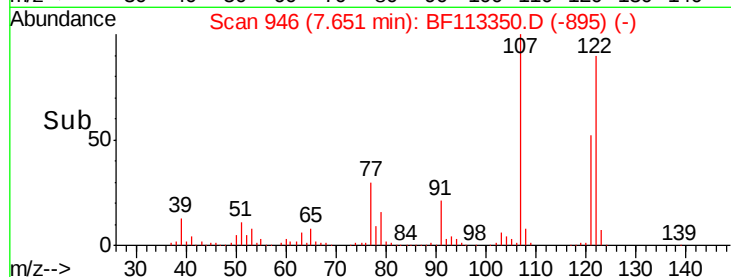
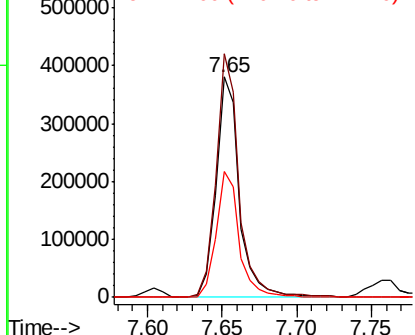
#27
 2,4-Dimethylphenol
 Concen: 48.359 ng
 RT: 7.65 min Scan# 946
 Delta R.T. -0.00 min
 Lab File: BF113350.D
 Acq: 28 Mar 2019 1:35

Instrument :
 BNA_F
 ClientSampled :
 CS-11MS

Tot Ion:122 Resp: 413578
 Ion Ratio Lower Upper
 122 100
 107 110.7 88.8 133.2
 121 57.4 45.5 68.3

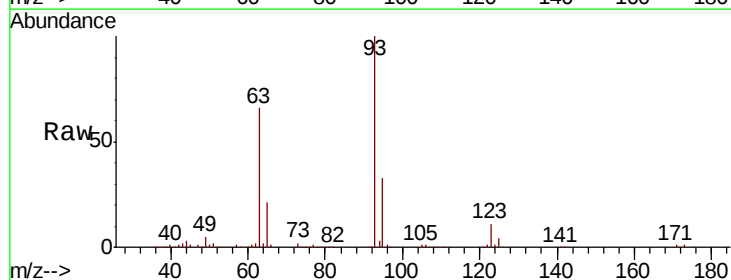


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

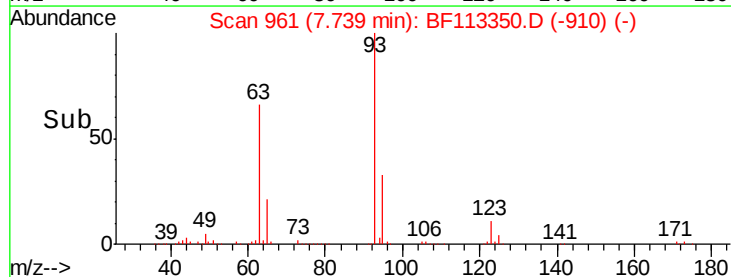
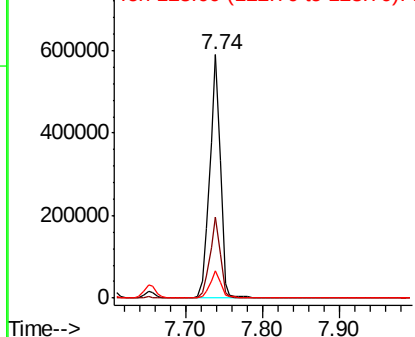


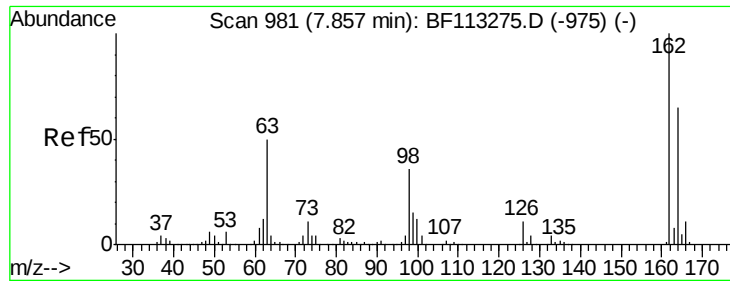
#28
 bis(2-Chloroethoxy)methane
 Concen: 42.537 ng
 RT: 7.74 min Scan# 961
 Delta R.T. -0.00 min
 Lab File: BF113350.D
 Acq: 28 Mar 2019 1:35

Tgt Ion: 93 Resp: 559550
 Ion Ratio Lower Upper
 93 100
 95 33.2 26.0 39.0
 123 11.2 9.1 13.7



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

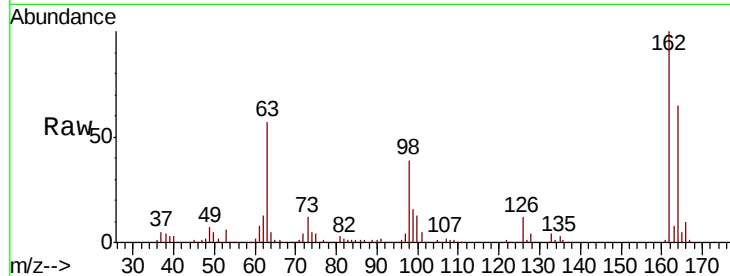




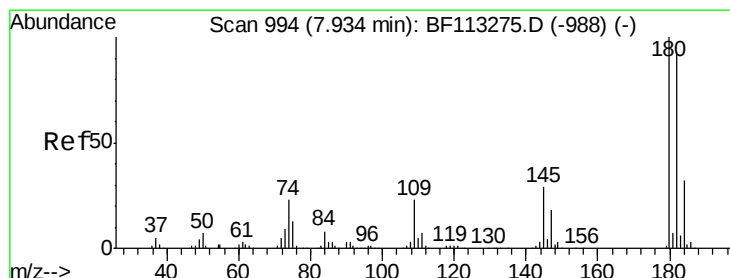
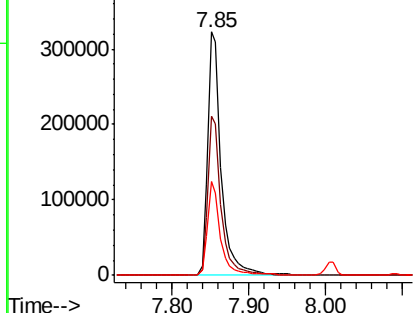
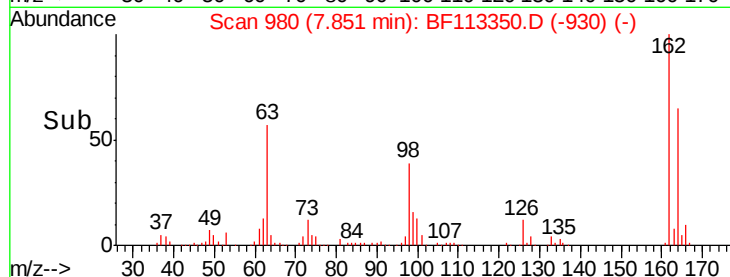
#29
2,4-Dichlorophenol
Concen: 42.032 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF113350.D
Acq: 28 Mar 2019 1:35

Instrument :
BNA_F
ClientSampleId :
CS-11MS

Tot Ion:162 Resp: 389541
Ion Ratio Lower Upper
162 100
164 65.1 44.6 84.6
98 38.6 15.6 55.6

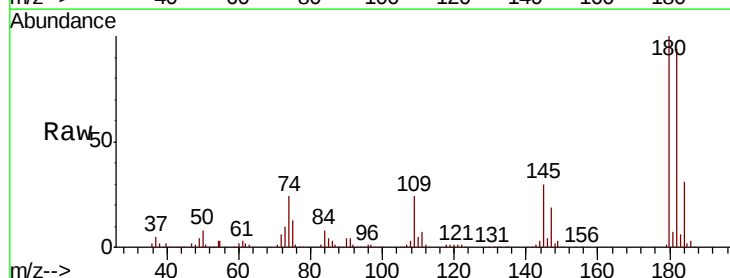


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

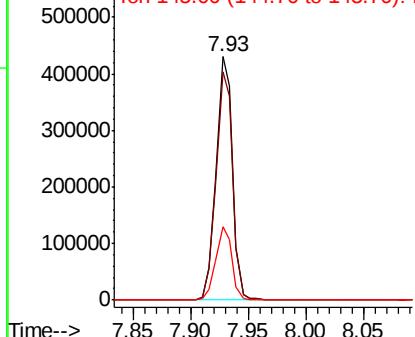
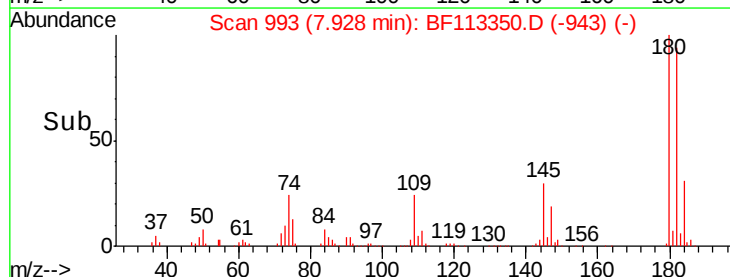


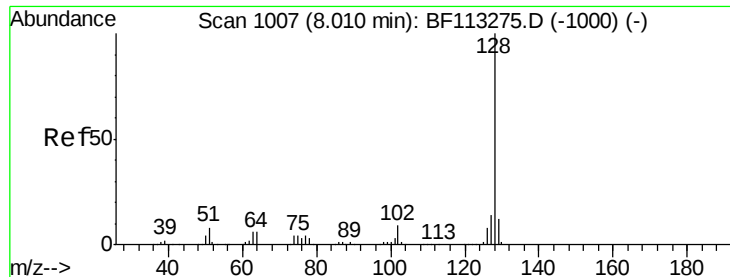
#30
1,2,4-Trichlorobenzene
Concen: 42.342 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF113350.D
Acq: 28 Mar 2019 1:35

Tgt Ion:180 Resp: 423380
Ion Ratio Lower Upper
180 100
182 93.9 74.6 111.8
145 30.0 23.4 35.0



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

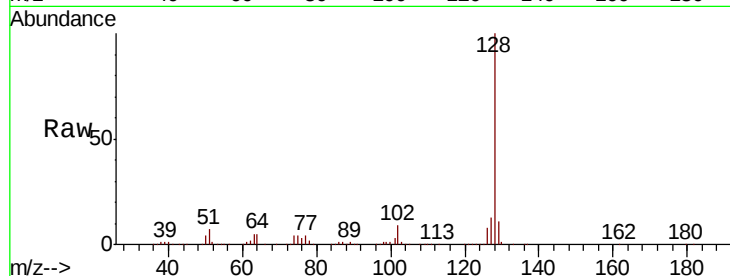




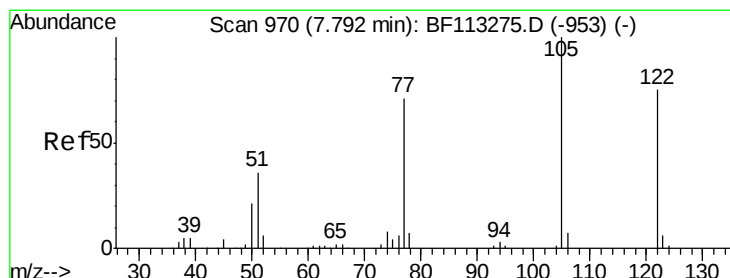
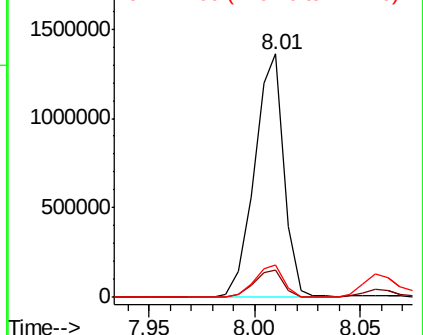
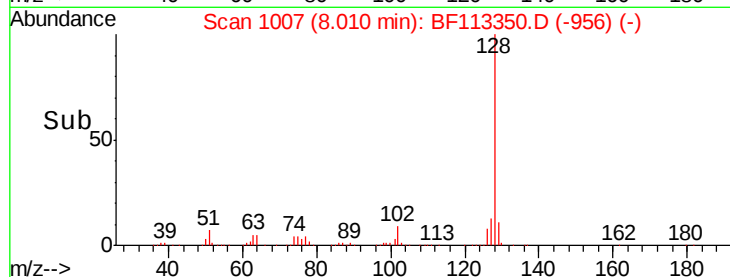
#31
Naphthalene
Concen: 42.109 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BF113350.D
Acq: 28 Mar 2019 1:35

Instrument :
BNA_F
ClientSampleId :
CS-11MS

Tot Ion:128 Resp: 1316480
Ion Ratio Lower Upper
128 100
129 11.3 9.3 13.9
127 13.5 10.9 16.3

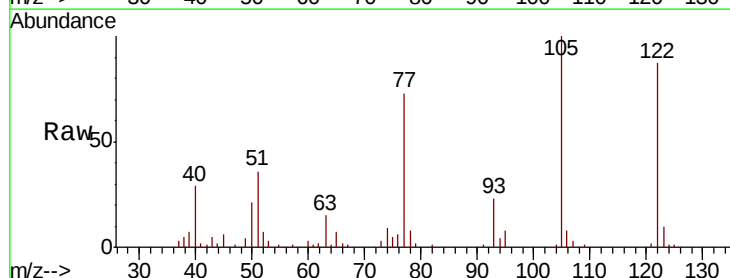


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

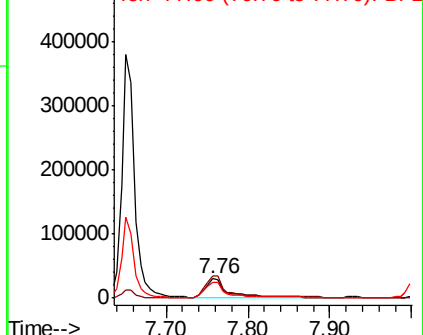
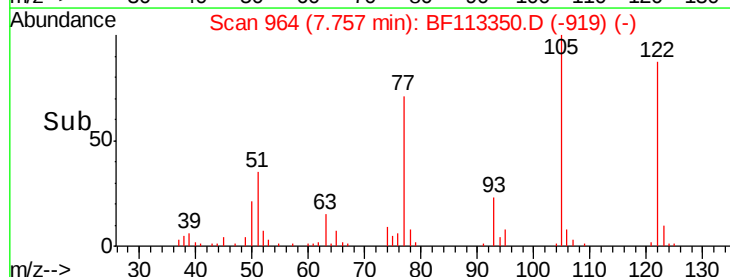


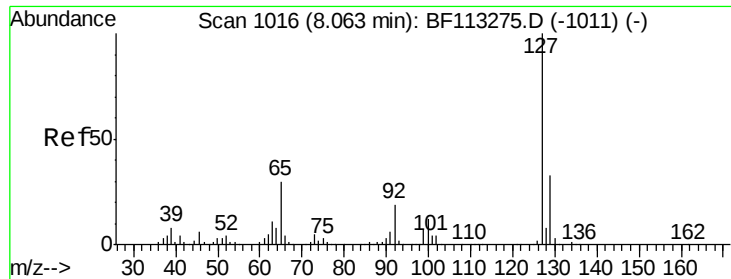
#32
Benzoic acid
Concen: 8.302 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.04 min
Lab File: BF113350.D
Acq: 28 Mar 2019 1:35

Tgt Ion:122 Resp: 57154
Ion Ratio Lower Upper
122 100
105 114.9 100.4 140.4
77 84.3 69.0 109.0



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

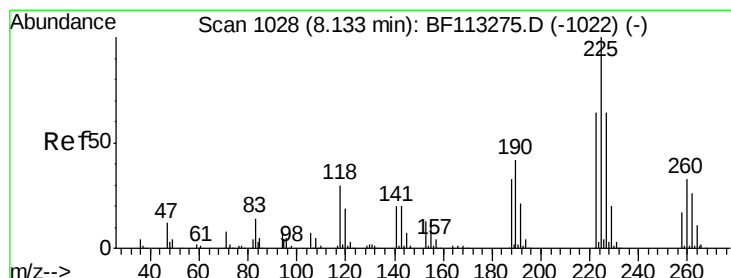
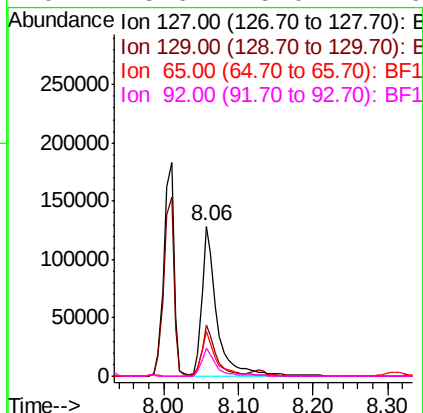
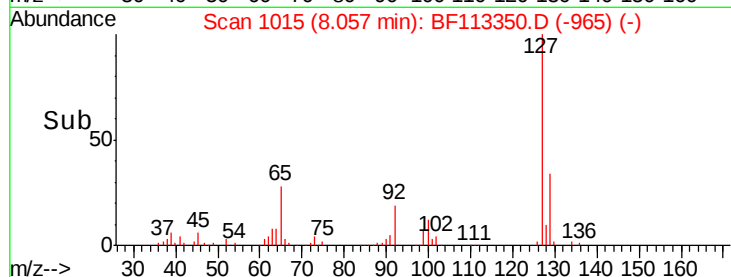
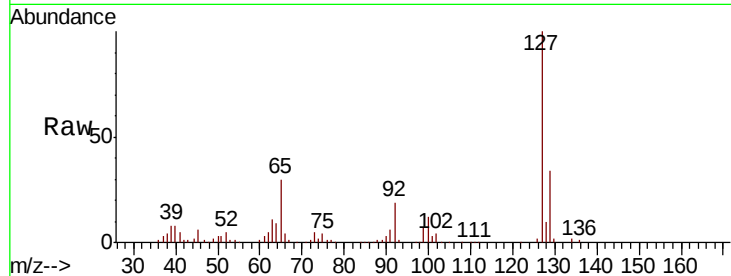




#33
4-Chloroaniline
Concen: 14.959 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF113350.D
Acq: 28 Mar 2019 1:35

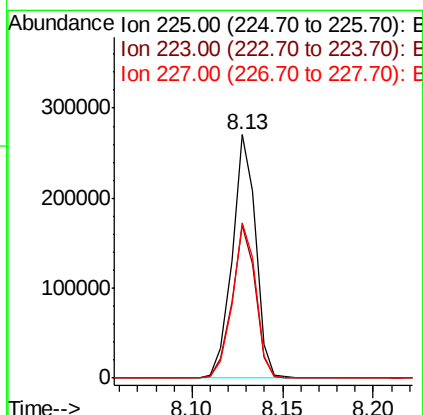
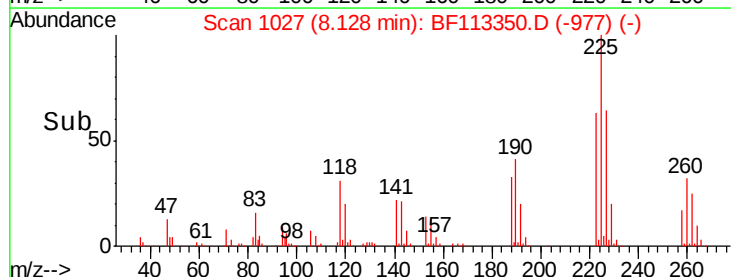
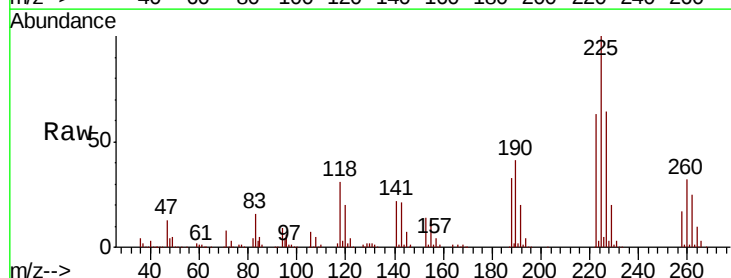
Instrument :
BNA_F
ClientSampleId :
CS-11MS

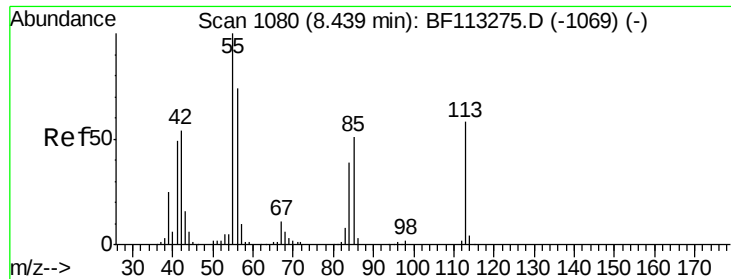
Tot Ion:	127	Resp:	182362
Ion	Ratio	Lower	Upper
127	100		
129	33.9	26.3	39.5
65	30.0	24.2	36.4
92	18.6	15.0	22.6



#34
Hexachlorobutadiene
Concen: 40.989 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF113350.D
Acq: 28 Mar 2019 1:35

Tgt Ion:	225	Resp:	243596
Ion	Ratio	Lower	Upper
225	100		
223	62.8	51.4	77.2
227	63.7	51.1	76.7

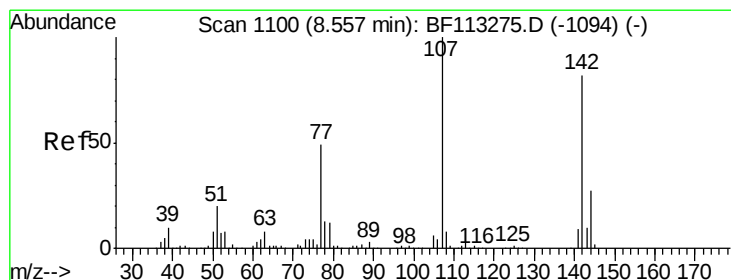
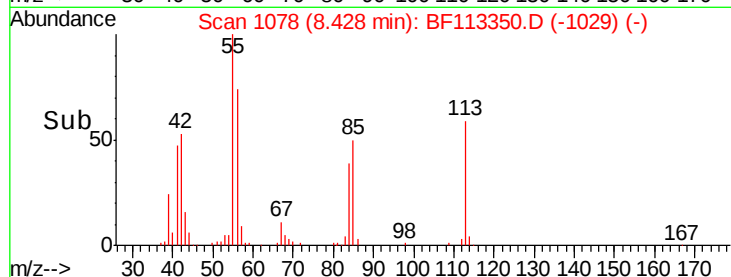
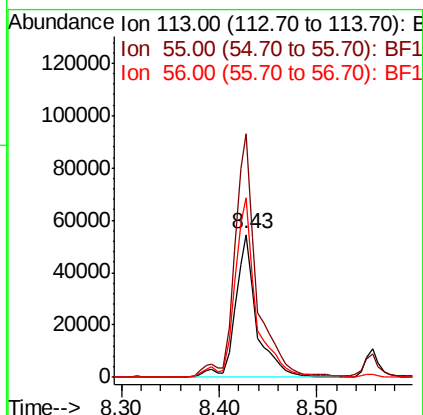
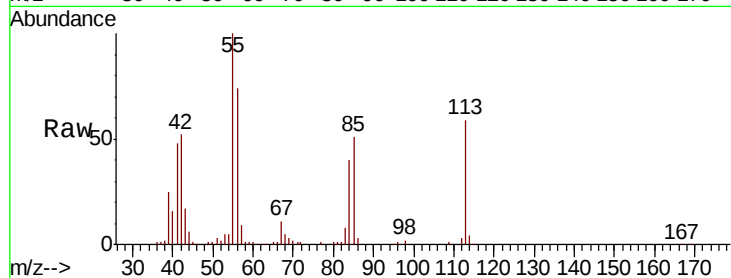




#35
 Caprolactam
 Concen: 27.446 ng
 RT: 8.43 min Scan# 1078
 Delta R.T. -0.01 min
 Lab File: BF113350.D
 Acq: 28 Mar 2019 1:35

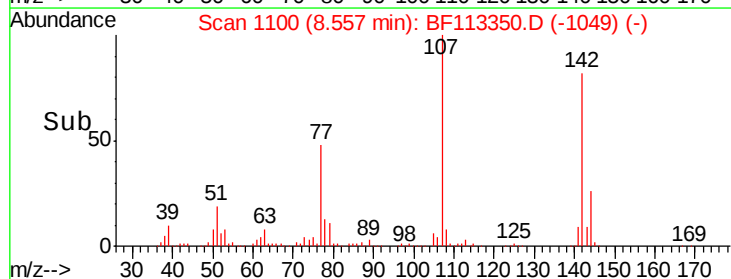
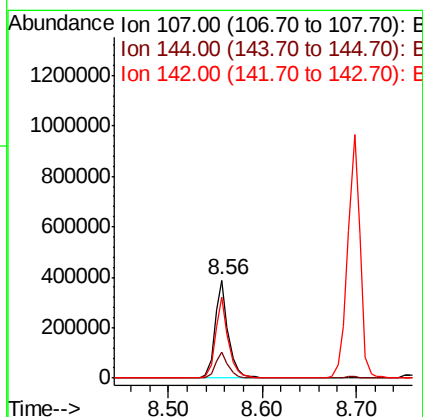
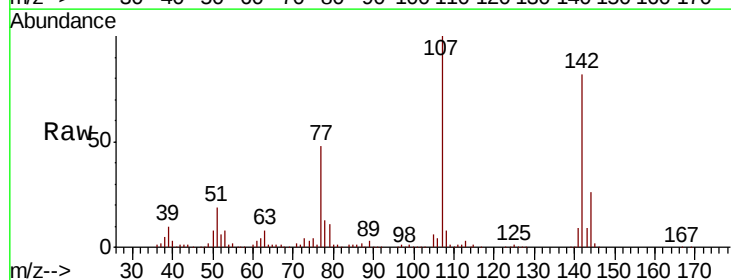
Instrument :
 BNA_F
 ClientSampleId :
 CS-11MS

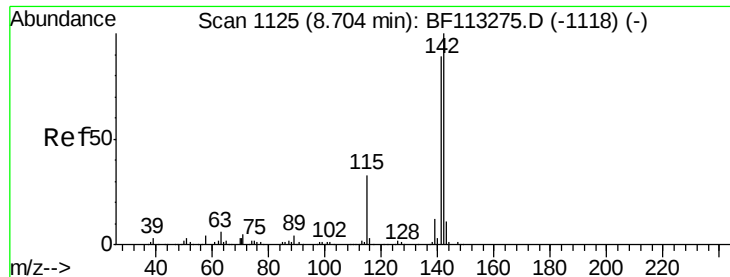
Tot Ion:113 Resp: 81637
 Ion Ratio Lower Upper
 113 100
 55 170.2 152.7 192.7
 56 125.2 108.3 148.3



#36
 4-Chloro-3-methylphenol
 Concen: 41.464 ng
 RT: 8.56 min Scan# 1100
 Delta R.T. -0.00 min
 Lab File: BF113350.D
 Acq: 28 Mar 2019 1:35

Tgt Ion:107 Resp: 386515
 Ion Ratio Lower Upper
 107 100
 144 26.4 21.4 32.0
 142 82.5 65.6 98.4

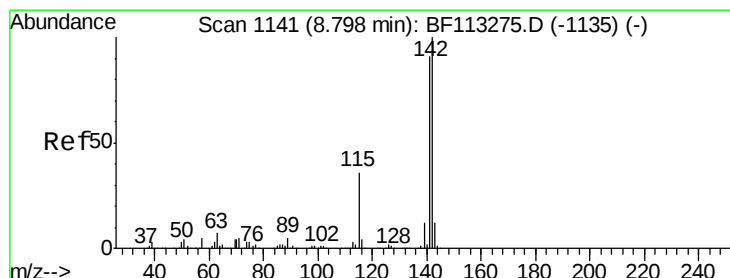
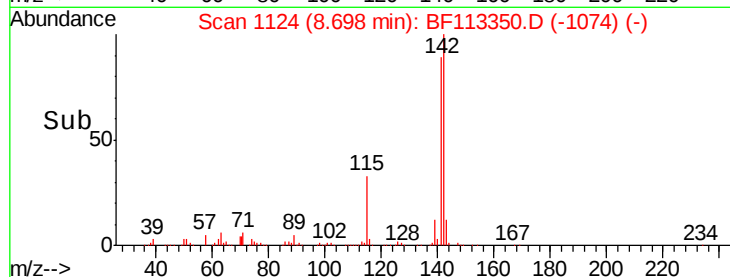
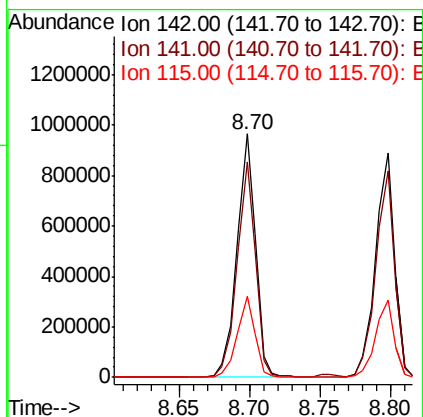
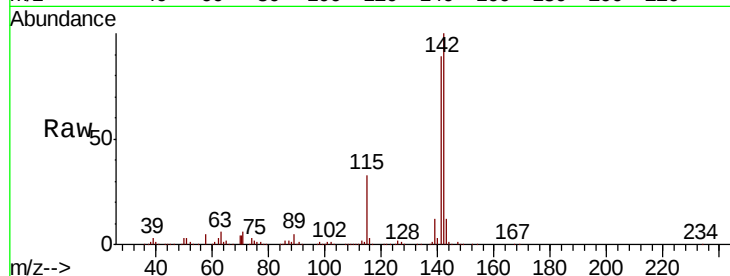




#37
2-Methylnaphthalene
Concen: 45.279 ng
RT: 8.70 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF113350.D
Acq: 28 Mar 2019 1:35

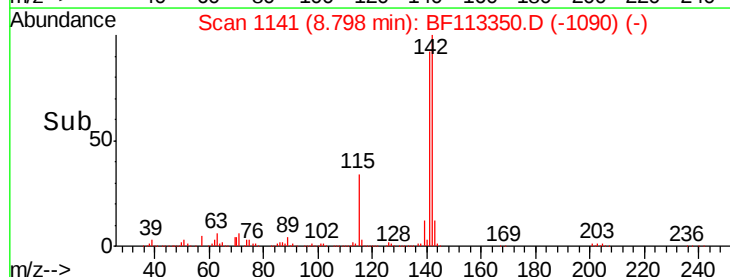
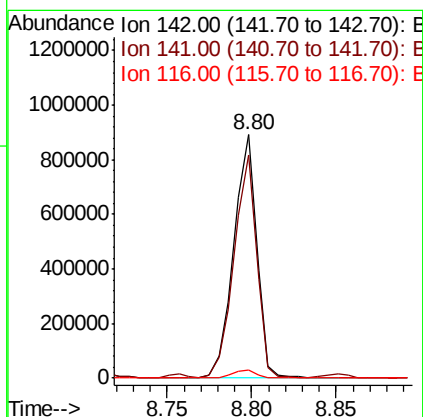
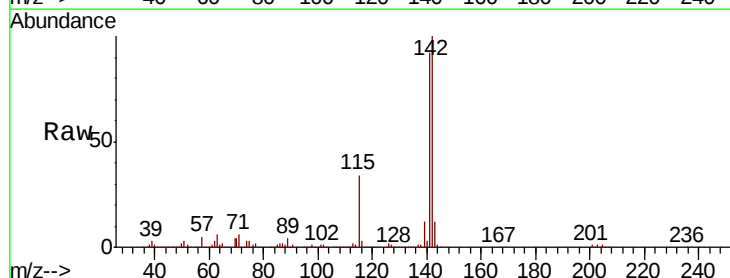
Instrument :
BNA_F
ClientSampleId :
CS-11MS

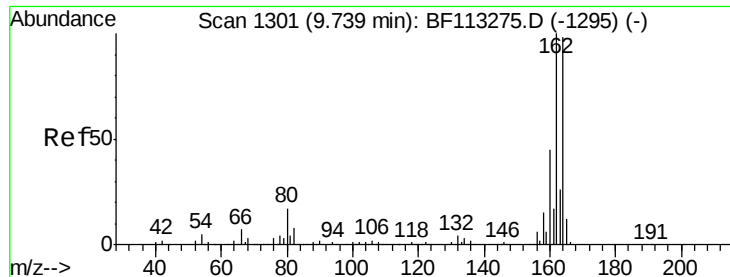
Tot Ion:142 Resp: 883272
Ion Ratio Lower Upper
142 100
141 88.6 71.0 106.6
115 33.3 26.6 39.8



#38
1-Methylnaphthalene
Concen: 44.547 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BF113350.D
Acq: 28 Mar 2019 1:35

Tgt Ion:142 Resp: 835844
Ion Ratio Lower Upper
142 100
141 91.7 73.2 109.8
116 3.5 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF113350.D

Acq: 28 Mar 2019 1:35

Instrument :

BNA_F

ClientSampleId :

CS-11MS

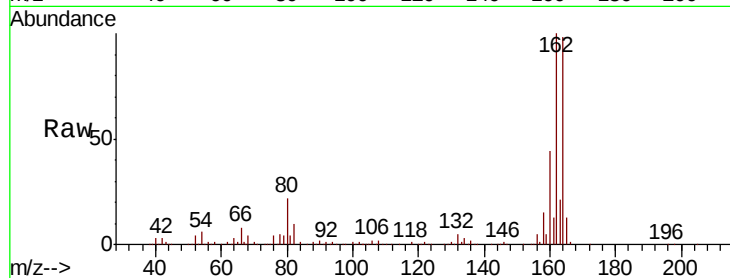
Tot Ion:164 Resp: 297378

Ion Ratio Lower Upper

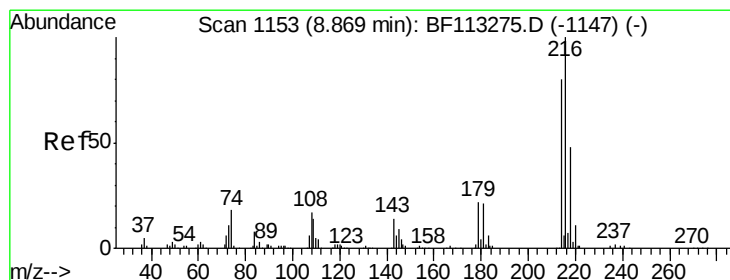
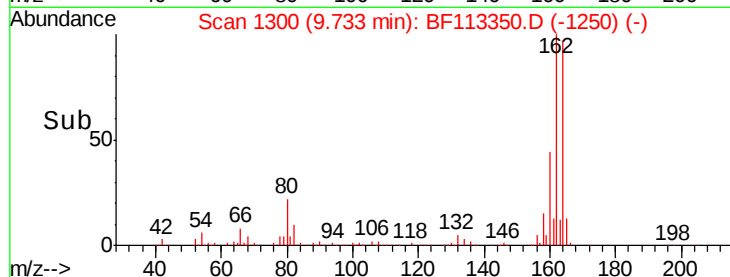
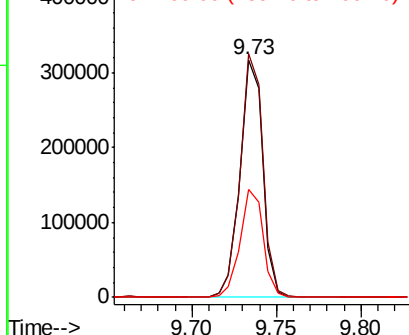
164 100

162 102.4 81.8 122.6

160 45.2 36.4 54.6



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: 43.876 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BF113350.D

Acq: 28 Mar 2019 1:35

Tgt Ion:216 Resp: 418831

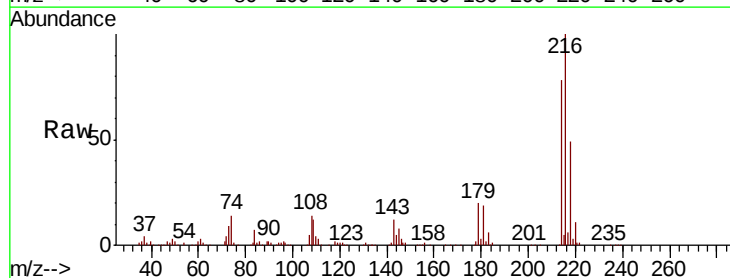
Ion Ratio Lower Upper

216 100

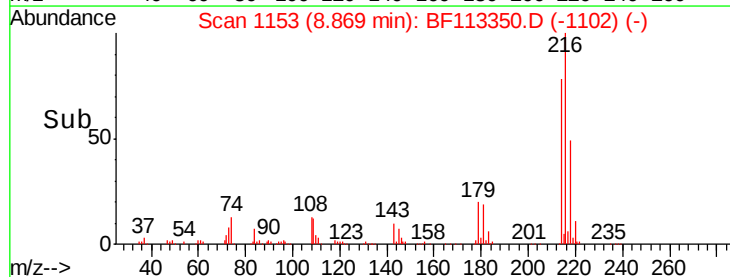
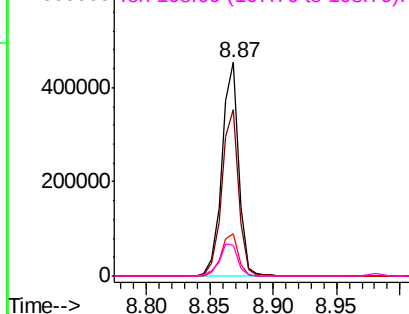
214 78.5 63.0 94.6

179 20.2 16.8 25.2

108 16.8 13.8 20.6



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: 29.491 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF113350.D

Acq: 28 Mar 2019 1:35

Instrument :

BNA_F

ClientSampleId :

CS-11MS

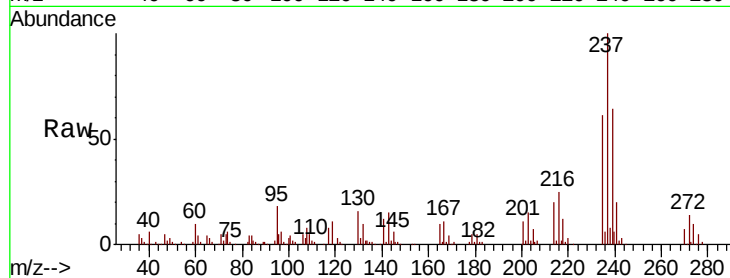
Tot Ion:237 Resp: 119158

Ion Ratio Lower Upper

237 100

235 60.9 43.4 83.4

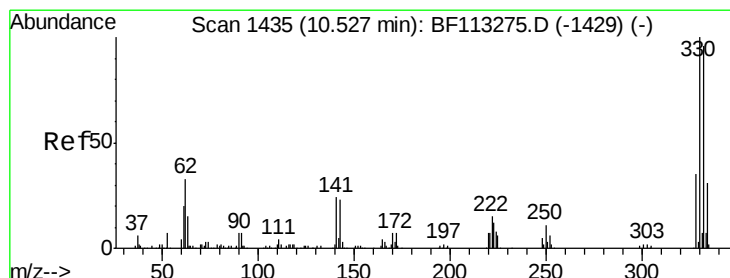
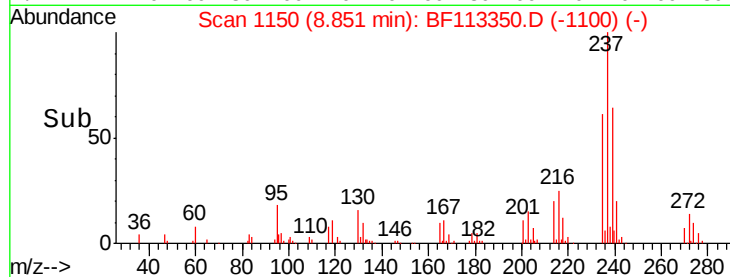
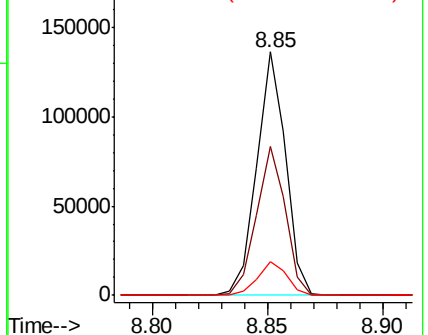
272 13.9 0.0 33.7



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: 116.472 ng

RT: 10.53 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BF113350.D

Acq: 28 Mar 2019 1:35

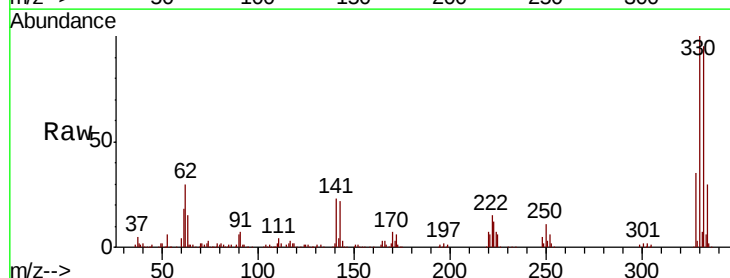
Tgt Ion:330 Resp: 427838

Ion Ratio Lower Upper

330 100

332 96.0 77.8 116.6

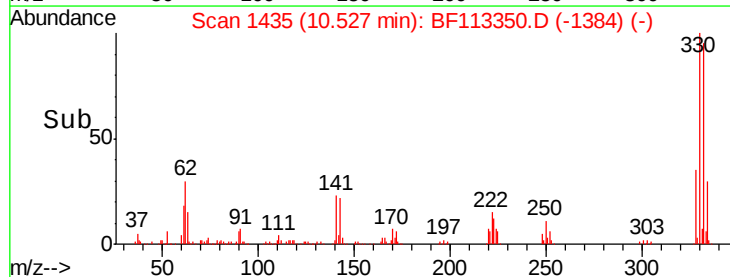
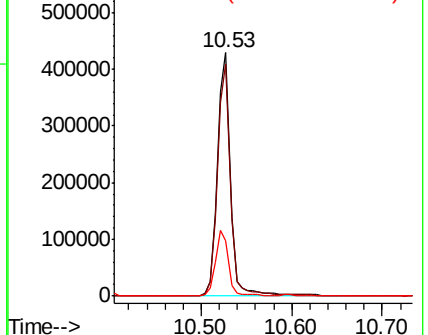
141 27.1 22.7 34.1

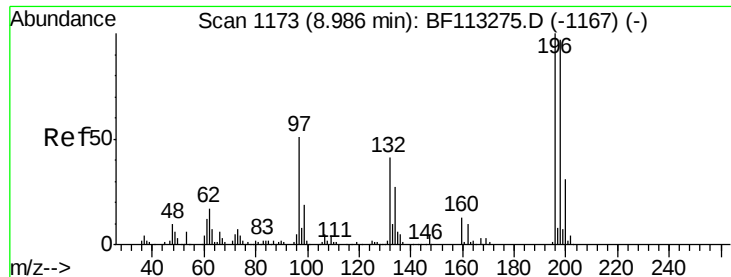


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

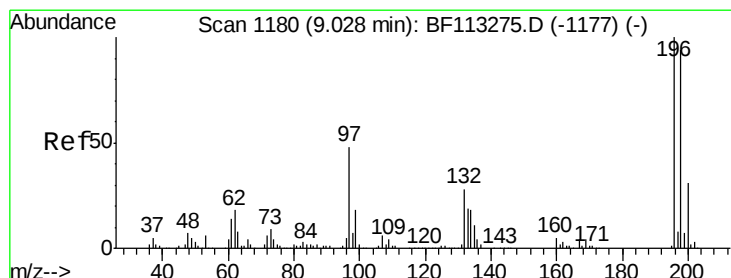
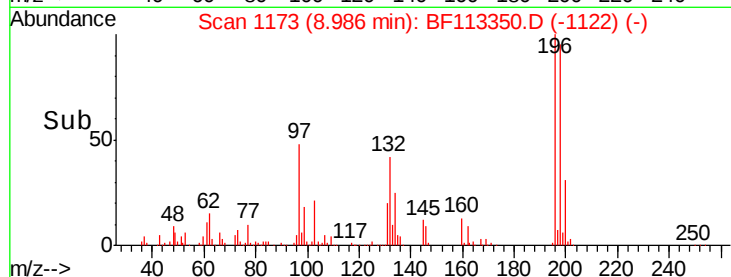
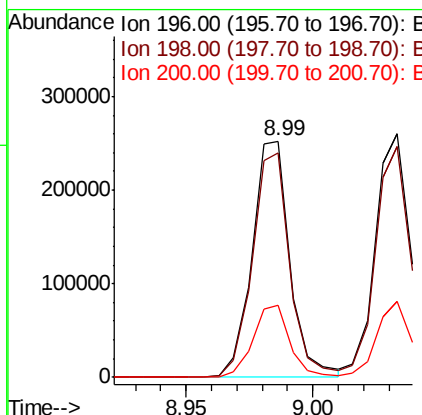
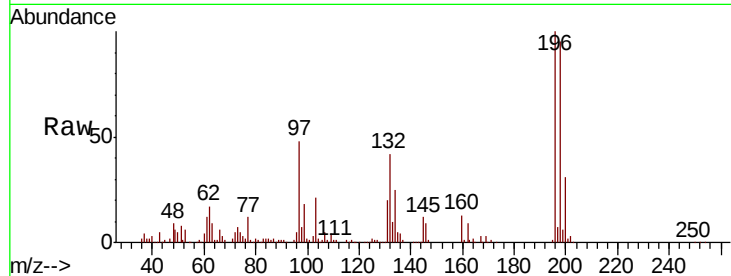




#43
 2,4,6-Trichlorophenol
 Concen: 42.394 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. -0.00 min
 Lab File: BF113350.D
 Acq: 28 Mar 2019 1:35

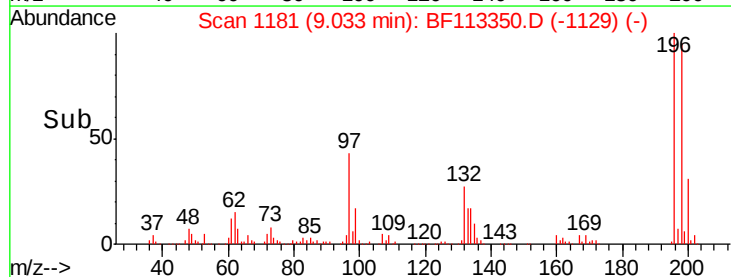
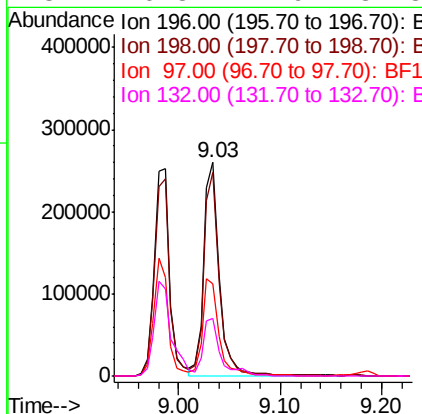
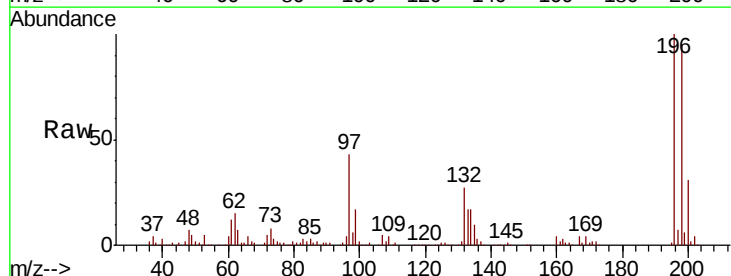
Instrument :
 BNA_F
 ClientSampleId :
 CS-11MS

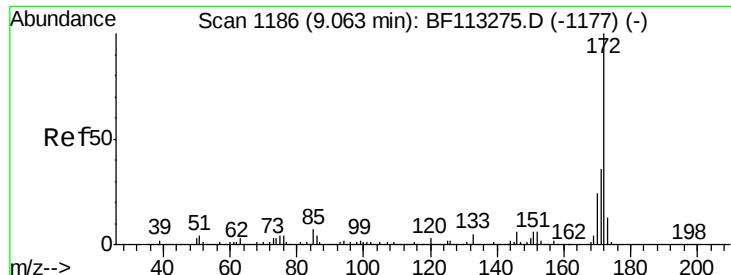
Tot Ion	196	Resp	263529
Ion Ratio	Lower	Upper	
196	100		
198	95.1	77.7	116.5
200	30.7	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 40.437 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: BF113350.D
 Acq: 28 Mar 2019 1:35

Tgt Ion	196	Resp	278183
Ion Ratio	Lower	Upper	
196	100		
198	95.0	75.4	113.2
97	43.1	38.6	58.0
132	26.8	22.9	34.3

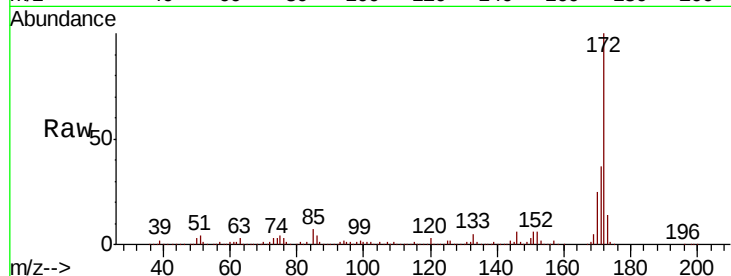




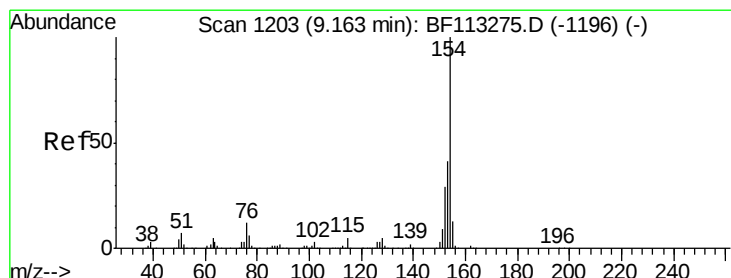
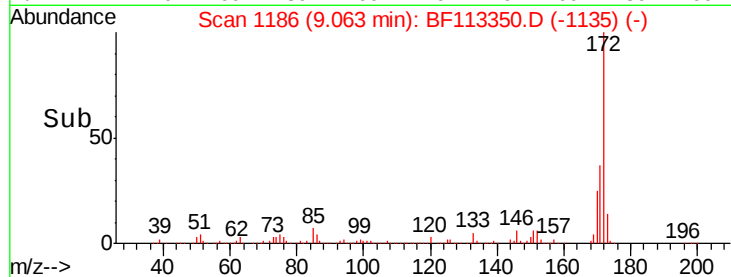
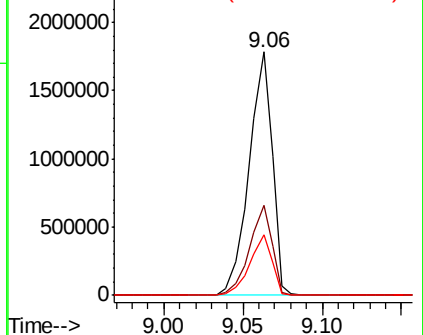
#45
 2-Fluorobiphenyl
 Concen: 97.956 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF113350.D
 Acq: 28 Mar 2019 1:35

Instrument :
 BNA_F
 ClientSampleId :
 CS-11MS

Tot Ion:172 Resp: 1807535
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.0 43.6
 170 25.1 19.5 29.3

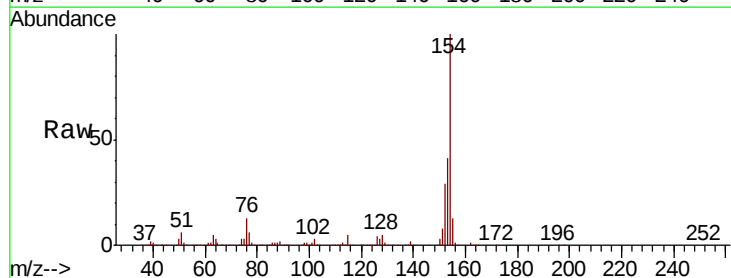


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

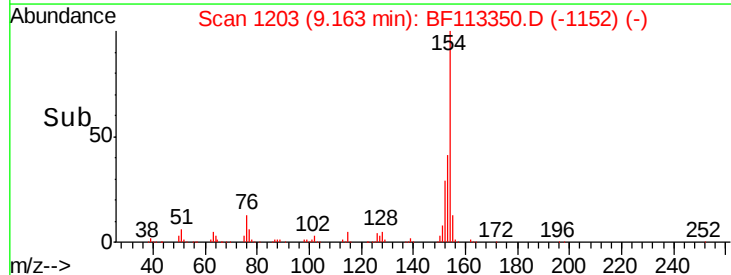
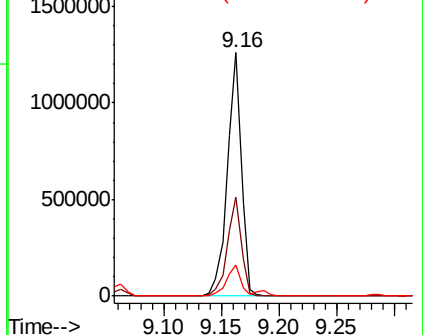


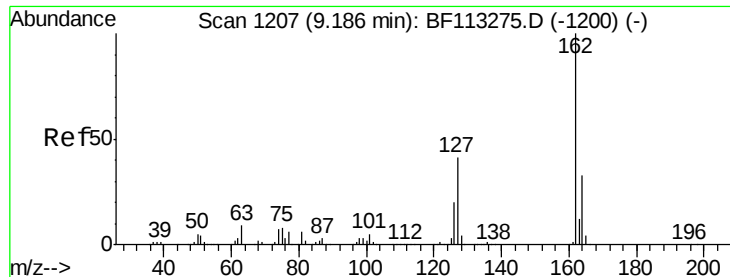
#46
 1,1'-Biphenyl
 Concen: 42.813 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BF113350.D
 Acq: 28 Mar 2019 1:35

Tgt Ion:154 Resp: 1063338
 Ion Ratio Lower Upper
 154 100
 153 40.6 20.8 60.8
 76 12.5 0.0 31.9



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

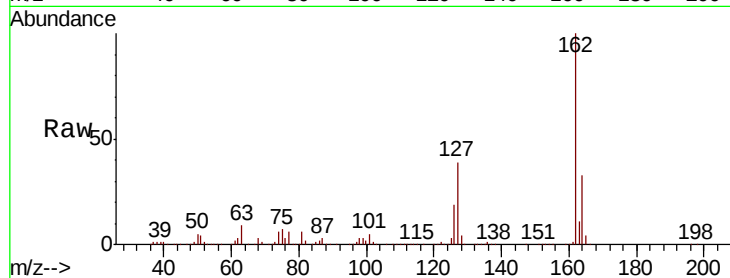




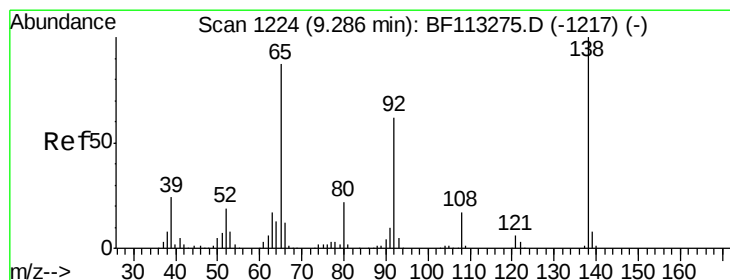
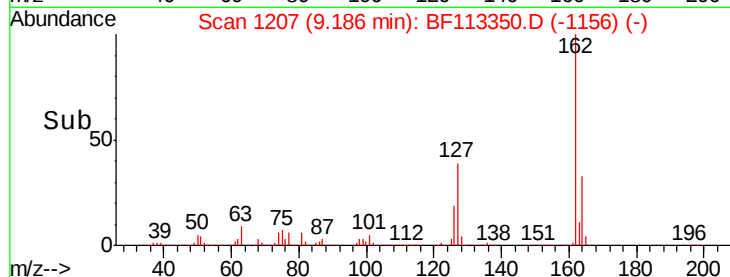
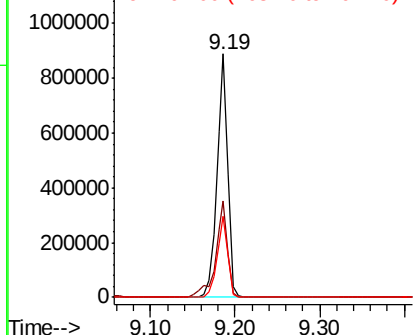
#47
 2-Chloronaphthalene
 Concen: 42.664 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.00 min
 Lab File: BF113350.D
 Acq: 28 Mar 2019 1:35

Instrument :
 BNA_F
 ClientSampleId :
 CS-11MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.4	32.6	49.0
164	33.3	26.6	39.8

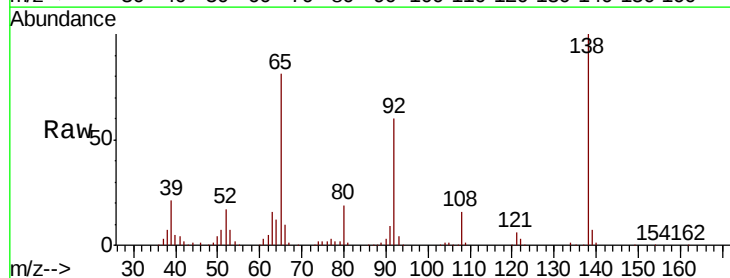


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

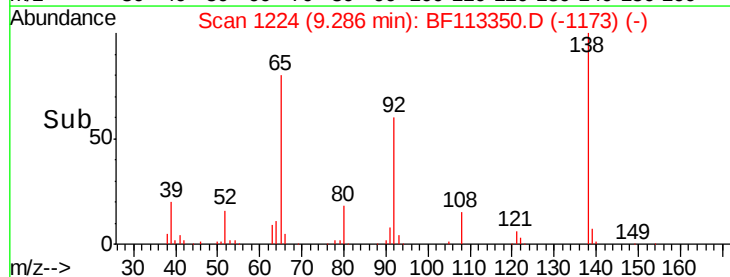
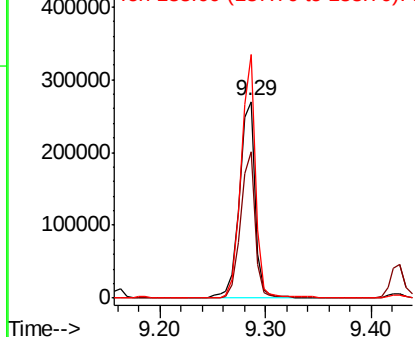


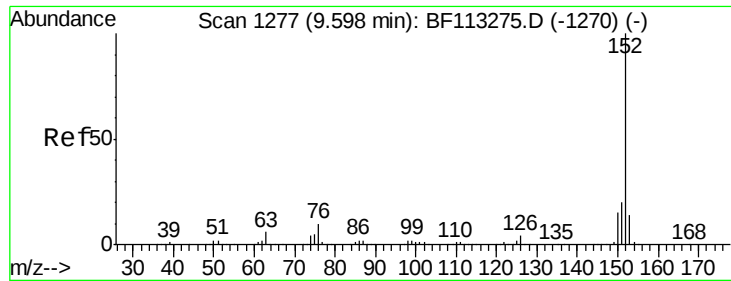
#48
 2-Nitroaniline
 Concen: 45.876 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BF113350.D
 Acq: 28 Mar 2019 1:35

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.3	56.8	85.2
138	124.0	92.3	138.5



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

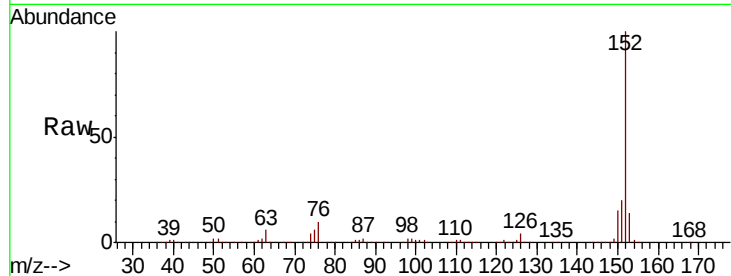




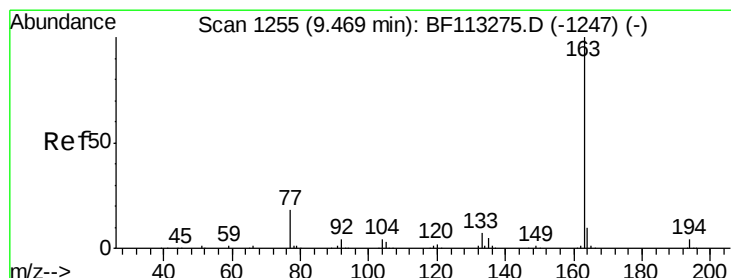
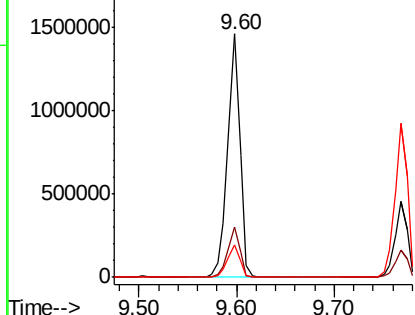
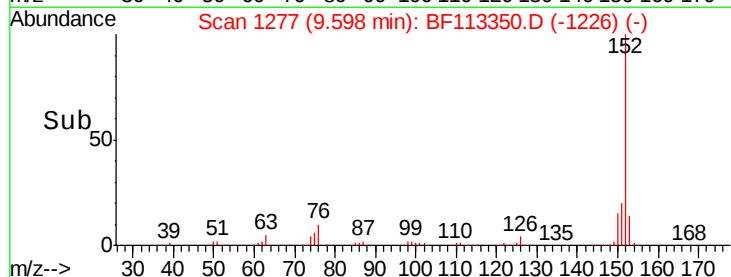
#49
Acenaphthylene
Concen: 42.093 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.00 min
Lab File: BF113350.D
Acq: 28 Mar 2019 1:35

Instrument :
BNA_F
ClientSampleId :
CS-11MS

Tot Ion:152 Resp: 1301537
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4
153 13.6 11.0 16.6

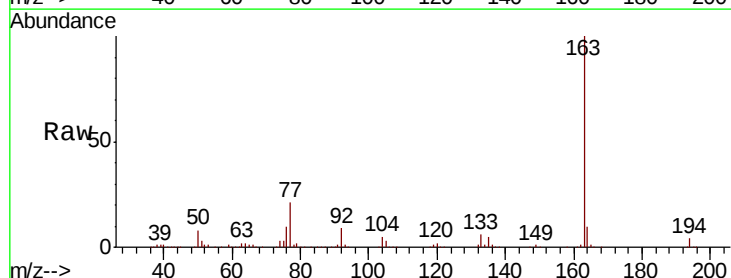


Abundance Ion 152.00 (151.70 to 152.70): E
2000000 Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

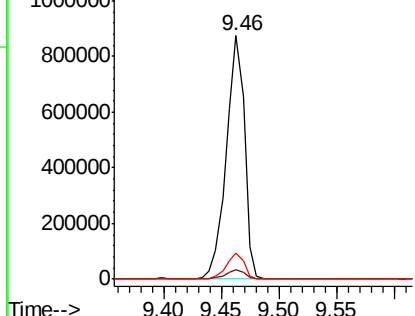
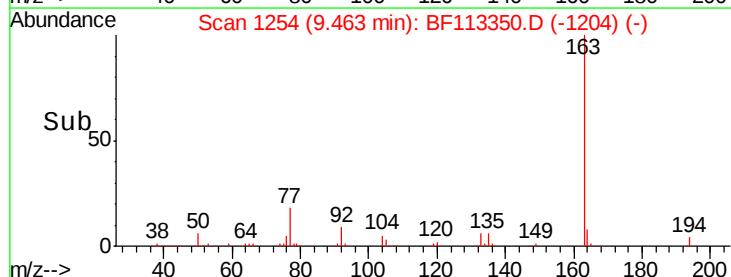


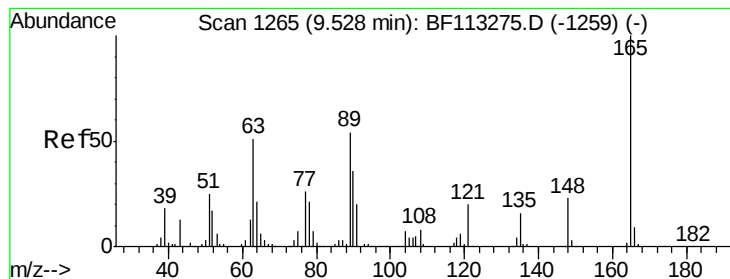
#50
Dimethylphthalate
Concen: 43.342 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF113350.D
Acq: 28 Mar 2019 1:35

Tgt Ion:163 Resp: 955187
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.6
164 10.4 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
1200000 Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 39.707 ng

RT: 9.53 min Scan# 1265

Delta R.T. -0.00 min

Lab File: BF113350.D

Acq: 28 Mar 2019 1:35

Instrument :

BNA_F

ClientSampleId :

CS-11MS

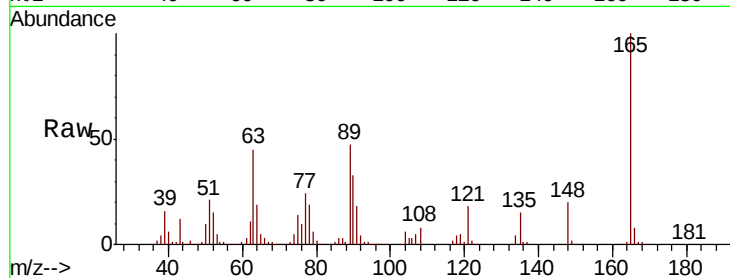
Tot Ion:165 Resp: 197411

Ion Ratio Lower Upper

165 100

63 44.7 43.4 65.0

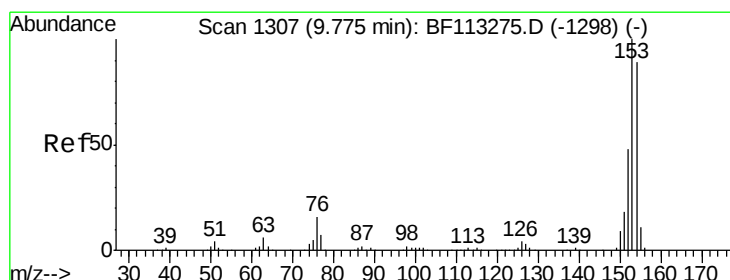
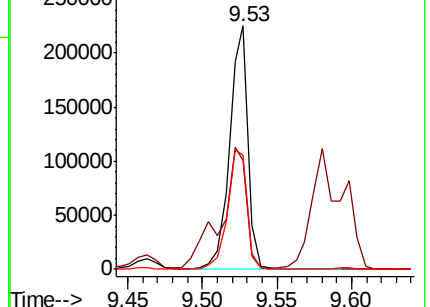
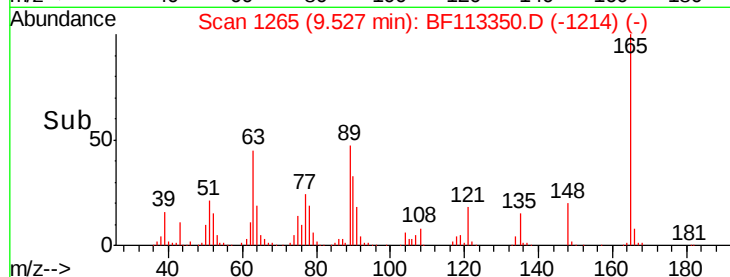
89 47.1 43.1 64.7



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: 42.556 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF113350.D

Acq: 28 Mar 2019 1:35

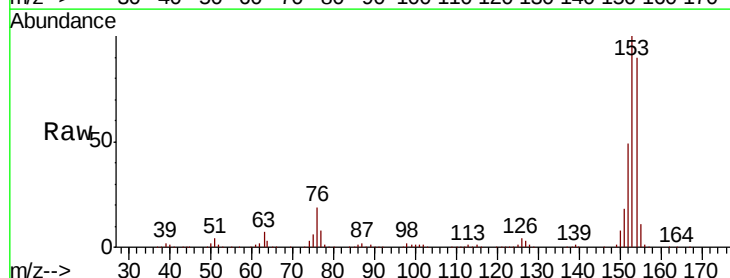
Tgt Ion:154 Resp: 741029

Ion Ratio Lower Upper

154 100

153 110.8 89.5 134.3

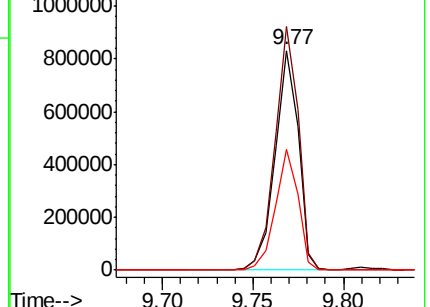
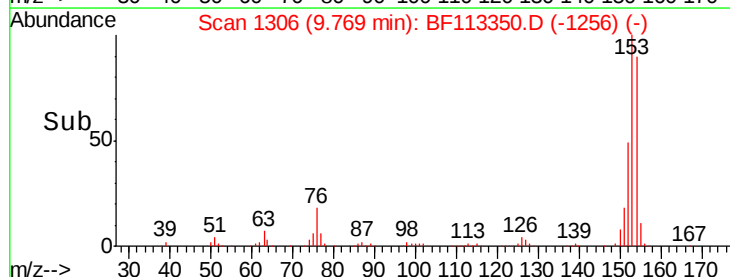
152 54.8 43.3 64.9

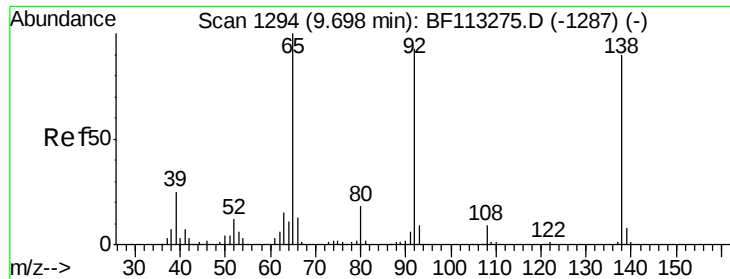


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

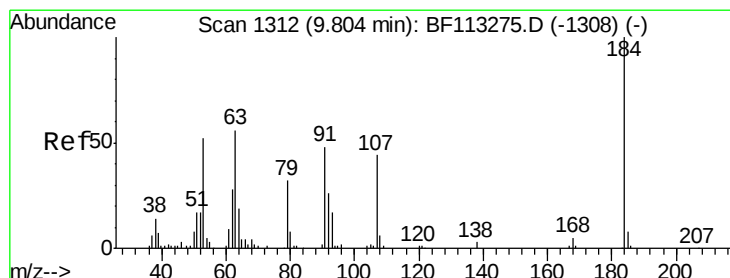
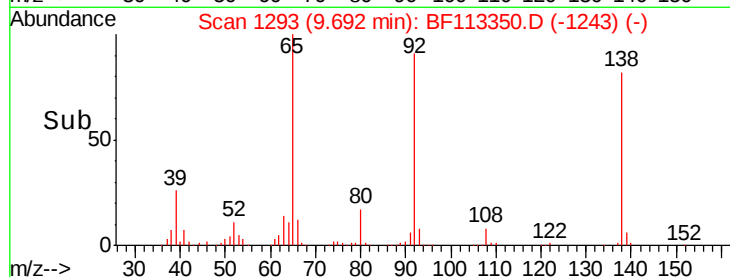
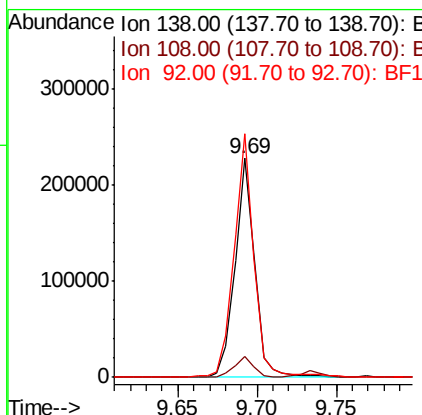
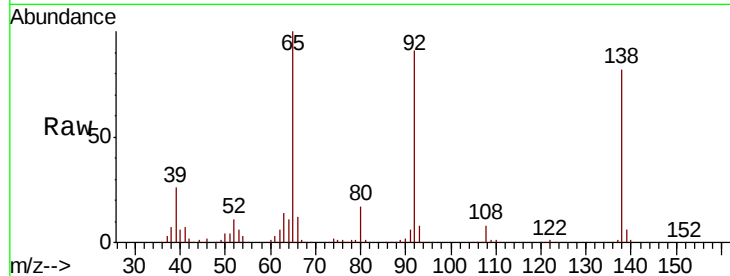




#53
3-Nitroaniline
Concen: 35.192 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF113350.D
Acq: 28 Mar 2019 1:35

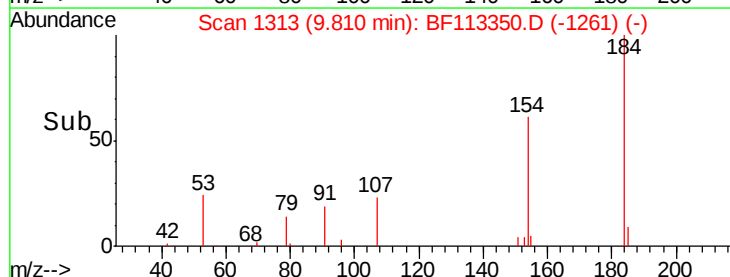
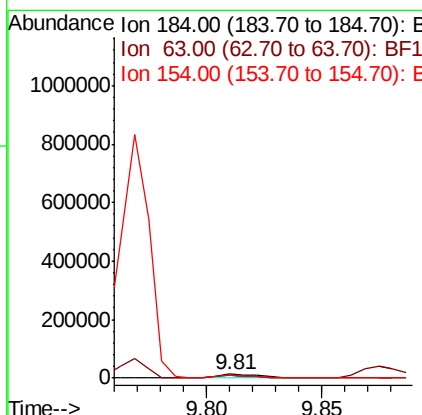
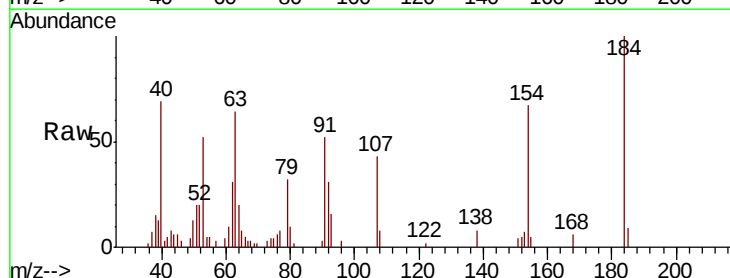
Instrument :
BNA_F
ClientSampleId :
CS-11MS

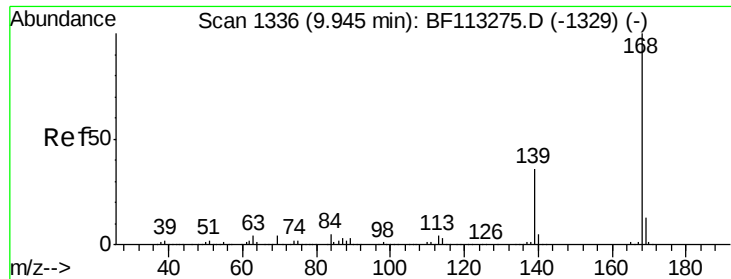
Tot Ion:138 Resp: 197309
Ion Ratio Lower Upper
138 100
108 9.7 7.8 11.6
92 111.3 82.6 124.0



#54
2,4-Dinitrophenol
Concen: 7.797 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BF113350.D
Acq: 28 Mar 2019 1:35

Tgt Ion:184 Resp: 19281
Ion Ratio Lower Upper
184 100
63 63.5 54.3 81.5
154 67.1 48.4 72.6

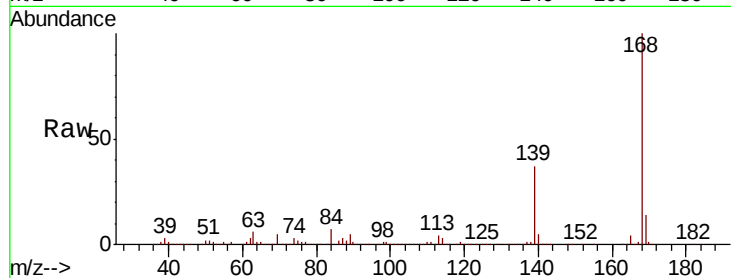




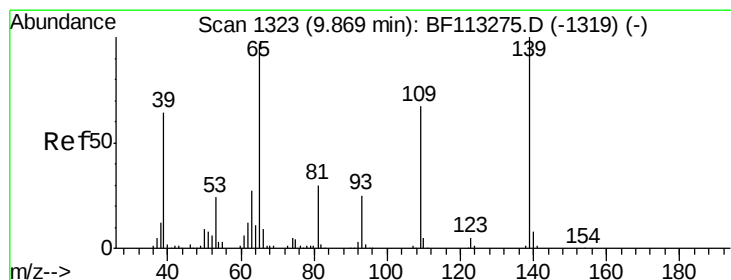
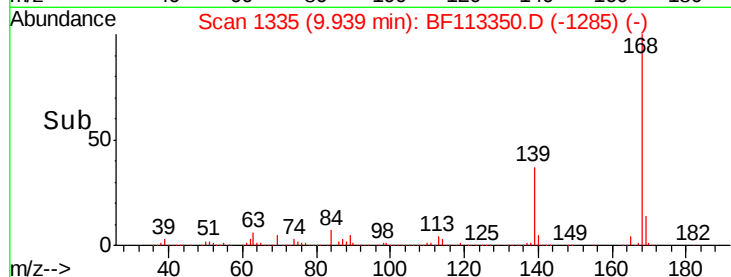
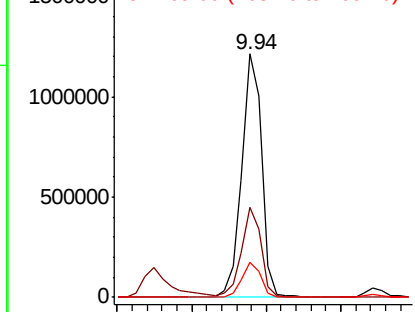
#55
Dibenzofuran
Concen: 43.070 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF113350.D
Acq: 28 Mar 2019 1:35

Instrument :
BNA_F
ClientSampleId :
CS-11MS

Tot Ion:168 Resp: 1127467
Ion Ratio Lower Upper
168 100
139 36.7 29.7 44.5
169 14.1 10.7 16.1

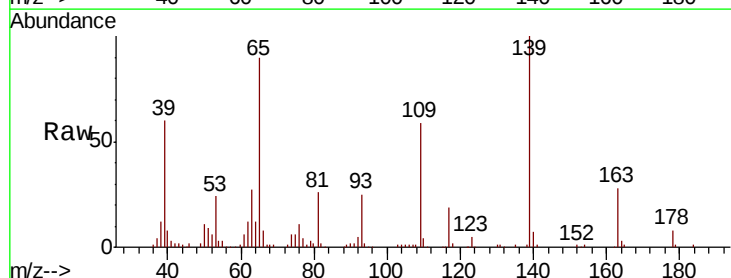


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

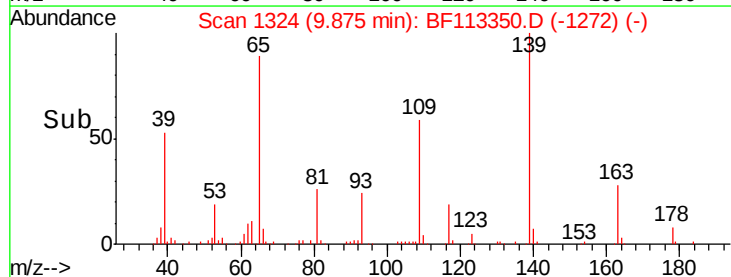
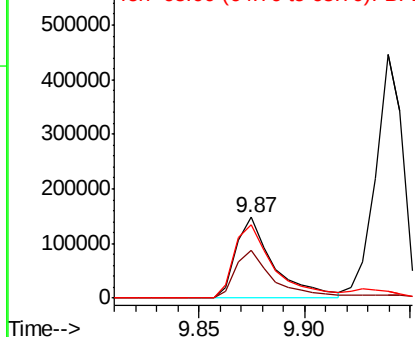


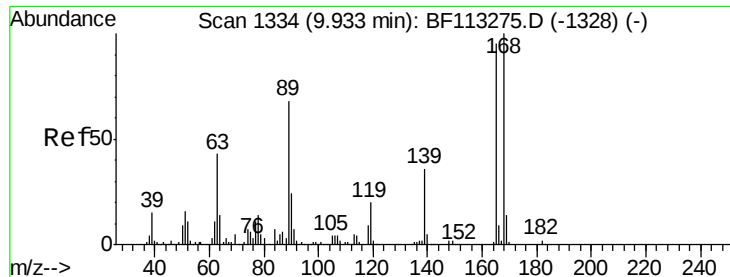
#56
4-Nitrophenol
Concen: 45.847 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF113350.D
Acq: 28 Mar 2019 1:35

Tgt Ion:139 Resp: 183262
Ion Ratio Lower Upper
139 100
109 59.1 46.9 86.9
65 90.3 77.2 117.2



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

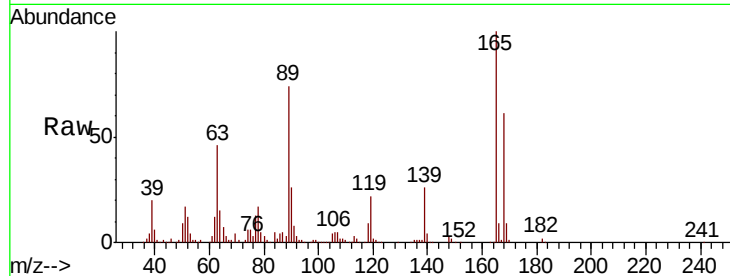




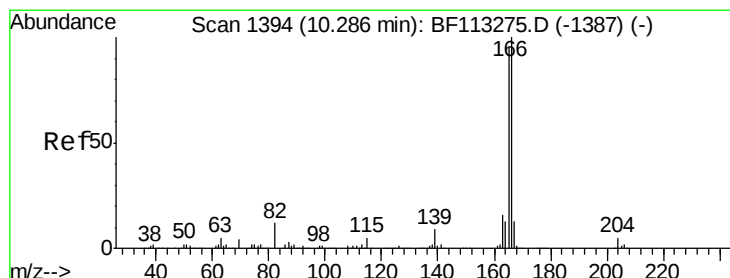
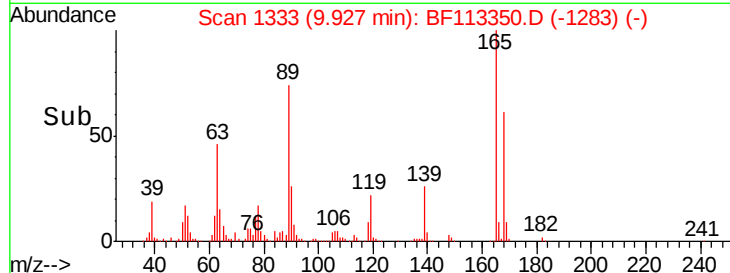
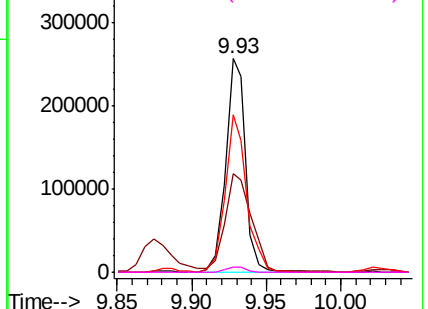
#57
2,4-Dinitrotoluene
Concen: 38.081 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF113350.D
Acq: 28 Mar 2019 1:35

Instrument :
BNA_F
ClientSampleId :
CS-11MS

Tot Ion:165 Resp: 240770
Ion Ratio Lower Upper
165 100
63 46.4 37.5 56.3
89 74.0 57.4 86.2
182 2.4 2.0 3.0

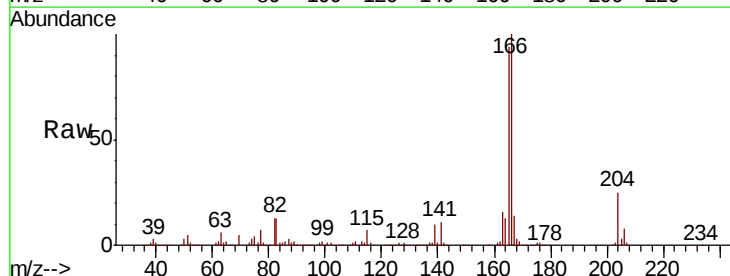


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

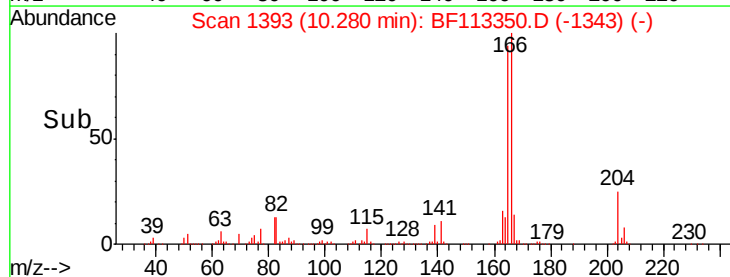
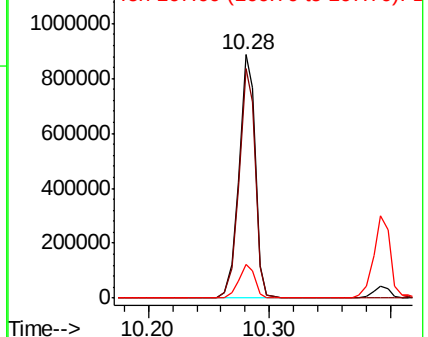


#58
Fluorene
Concen: 41.161 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF113350.D
Acq: 28 Mar 2019 1:35

Tgt Ion:166 Resp: 837048
Ion Ratio Lower Upper
166 100
165 94.4 76.2 114.2
167 13.9 10.7 16.1



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

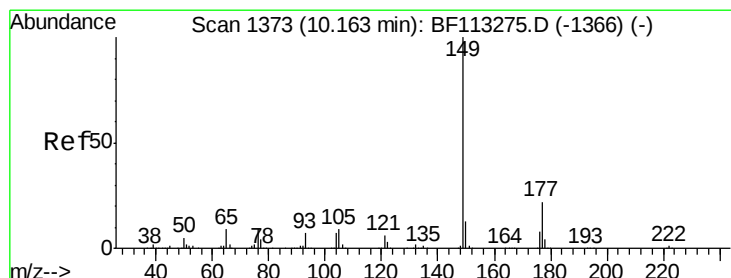
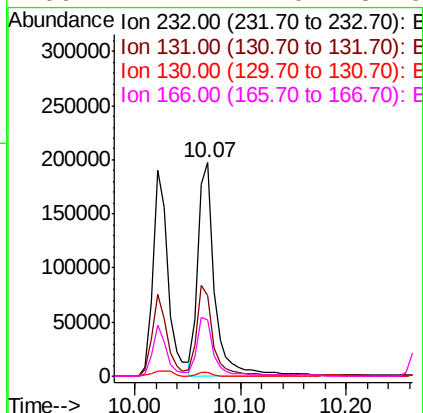
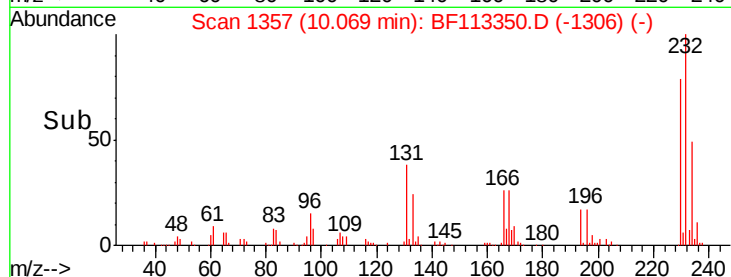
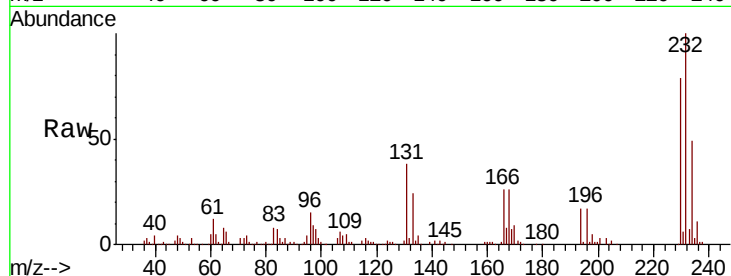




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 36.702 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. -0.00 min
 Lab File: BF113350.D
 Acq: 28 Mar 2019 1:35

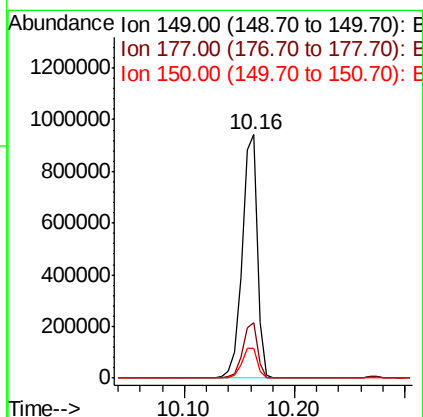
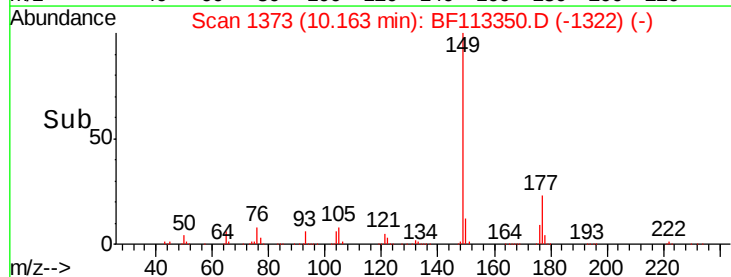
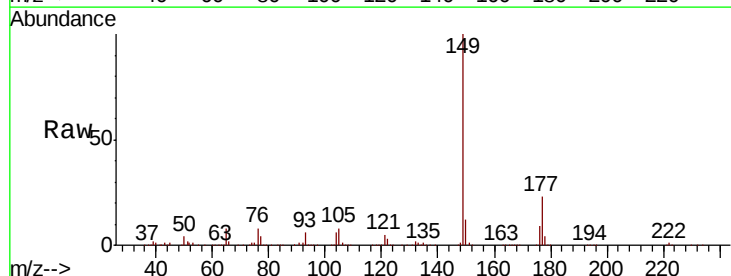
Instrument :
 BNA_F
 ClientSampleId :
 CS-11MS

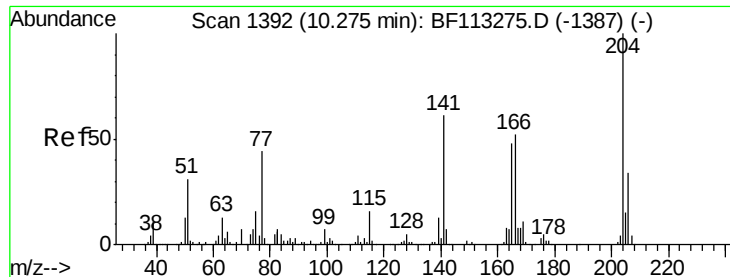
Tot Ion:	232	Resp:	213516
Ion	Ratio	Lower	Upper
232	100		
131	40.5	33.2	49.8
130	1.9	1.6	2.4
166	27.2	21.0	31.6



#60
 Diethylphthalate
 Concen: 42.274 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. -0.00 min
 Lab File: BF113350.D
 Acq: 28 Mar 2019 1:35

Tgt Ion:	149	Resp:	913934
Ion	Ratio	Lower	Upper
149	100		
177	22.9	17.4	26.0
150	12.5	10.0	15.0

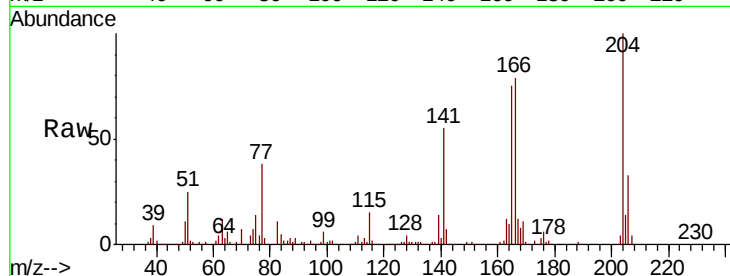




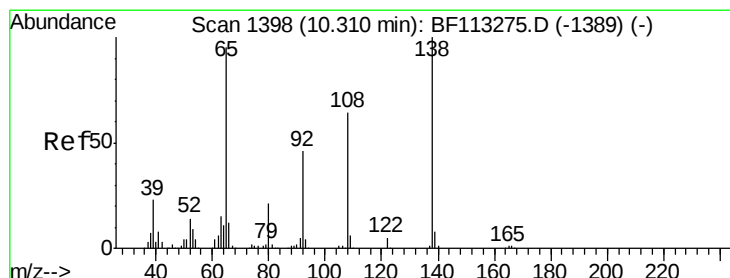
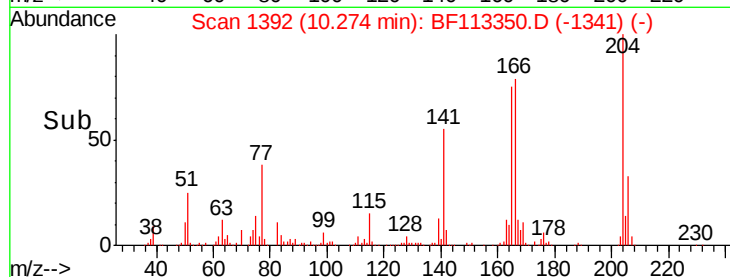
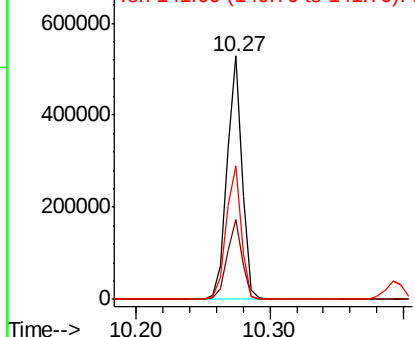
#61
4-Chlorophenyl-phenylether
Concen: 42.403 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.00 min
Lab File: BF113350.D
Acq: 28 Mar 2019 1:35

Instrument :
BNA_F
ClientSampleId :
CS-11MS

Tot Ion:204 Resp: 420265
Ion Ratio Lower Upper
204 100
206 32.7 26.9 40.3
141 55.0 48.8 73.2

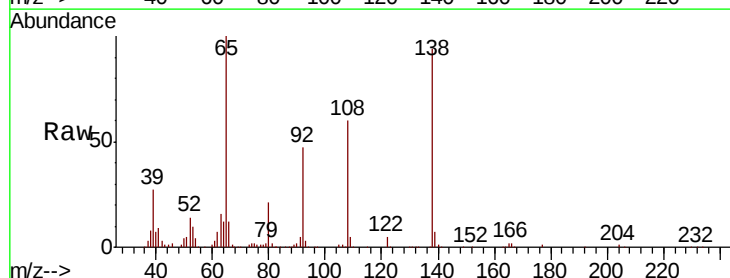


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

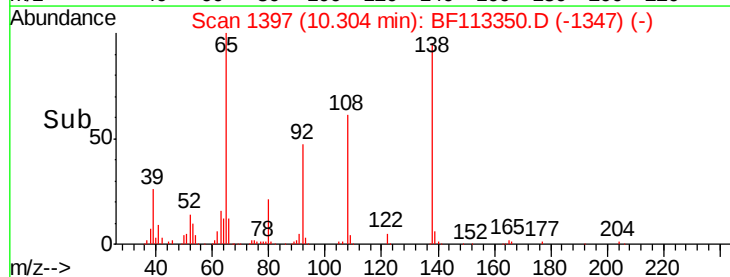
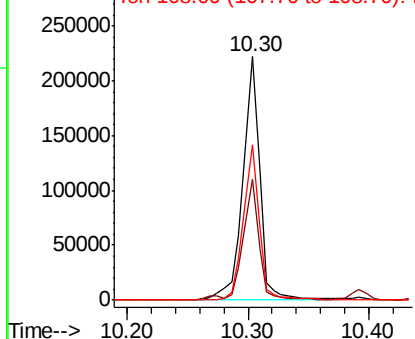


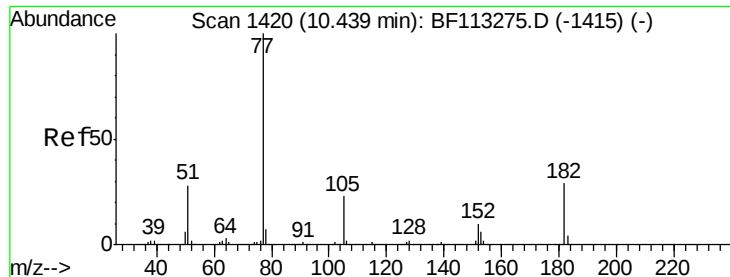
#62
4-Nitroaniline
Concen: 38.382 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF113350.D
Acq: 28 Mar 2019 1:35

Tgt Ion:138 Resp: 221563
Ion Ratio Lower Upper
138 100
92 49.5 25.8 65.8
108 63.7 44.0 84.0



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: 41.662 ng

RT: 10.43 min Scan# 1419

Delta R.T. -0.01 min

Lab File: BF113350.D

Acq: 28 Mar 2019 1:35

Instrument :

BNA_F

ClientSampleId :

CS-11MS

Tot Ion: 77 Resp: 847847

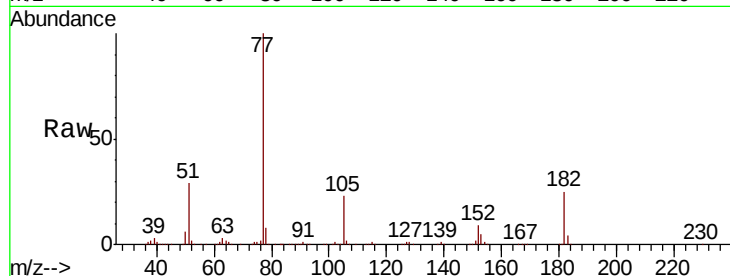
Ion Ratio Lower Upper

77 100

182 25.4 8.7 48.7

105 23.3 2.9 42.9

51 28.7 8.8 48.8

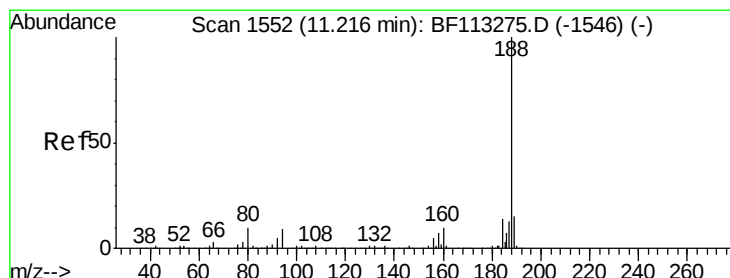
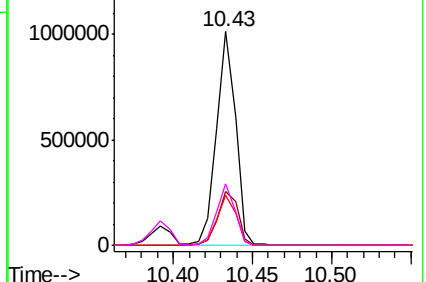
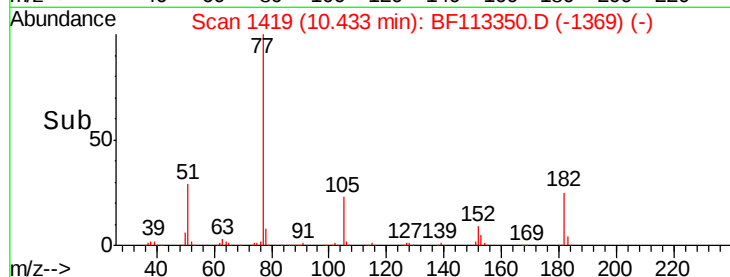


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.21 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BF113350.D

Acq: 28 Mar 2019 1:35

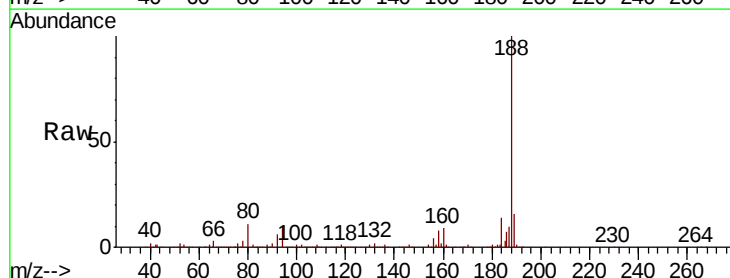
Tgt Ion: 188 Resp: 534295

Ion Ratio Lower Upper

188 100

94 10.1 7.0 10.6

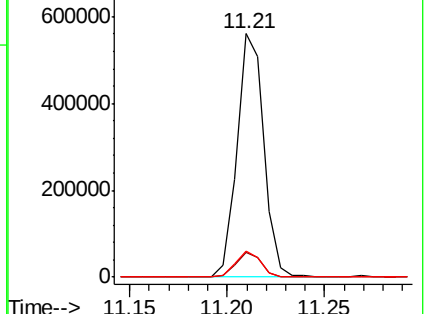
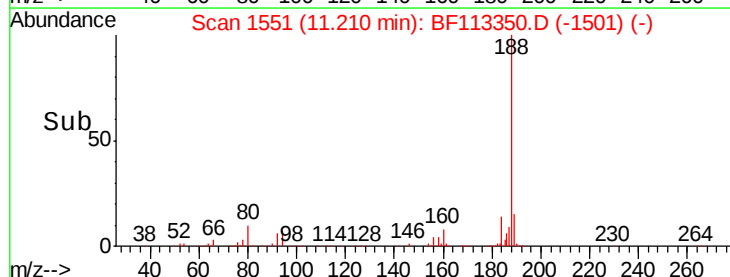
80 10.7 7.7 11.5

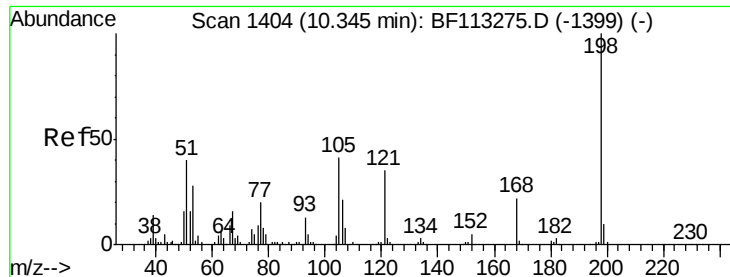


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

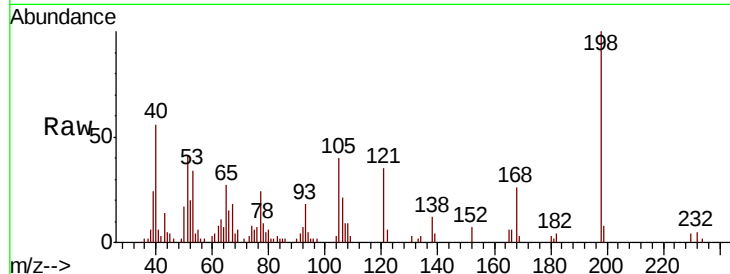




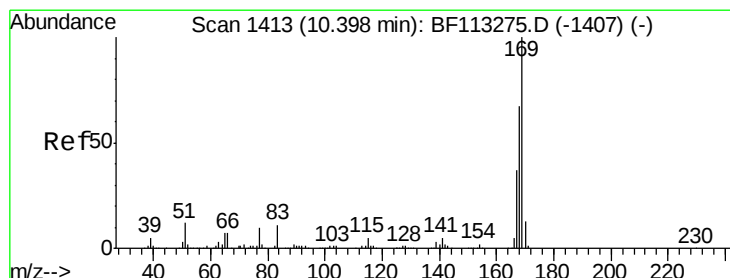
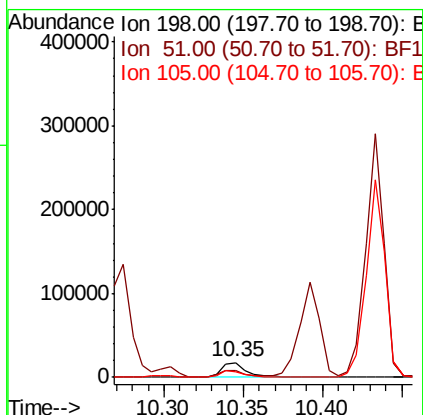
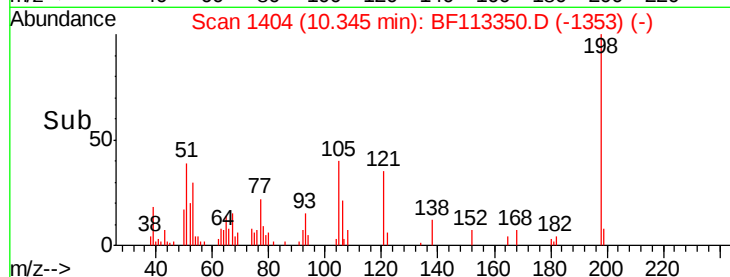
#65
4,6-Dinitro-2-methylphenol
Concen: 6.906 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.00 min
Lab File: BF113350.D
Acq: 28 Mar 2019 1:35

Instrument :
BNA_F
ClientSampleId :
CS-11MS

Tot Ion:198 Resp: 20186
Ion Ratio Lower Upper
198 100
51 41.2 21.6 61.6
105 39.8 20.6 60.6

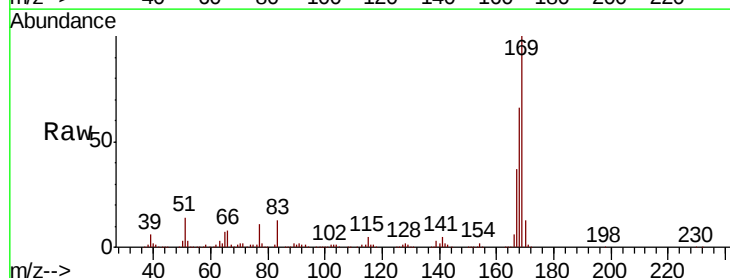


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

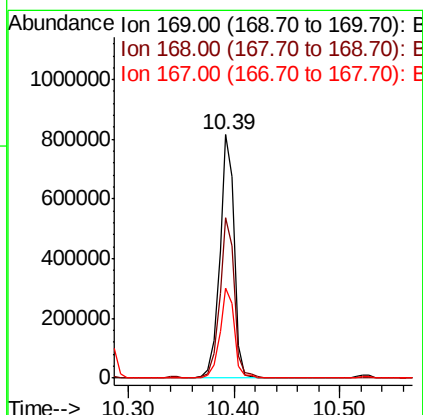
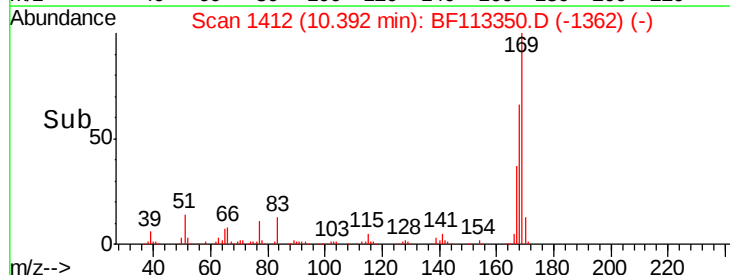


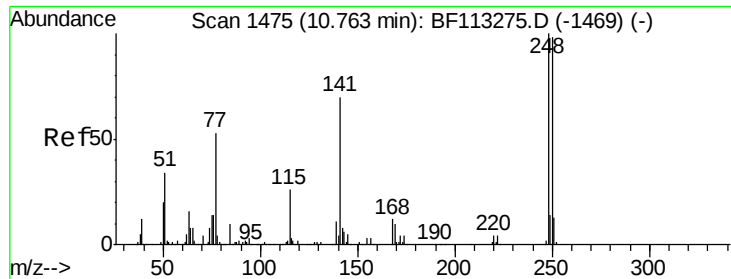
#66
n-Nitrosodiphenylamine
Concen: 47.638 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF113350.D
Acq: 28 Mar 2019 1:35

Tgt Ion:169 Resp: 781031
Ion Ratio Lower Upper
169 100
168 66.0 53.7 80.5
167 36.8 29.5 44.3



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

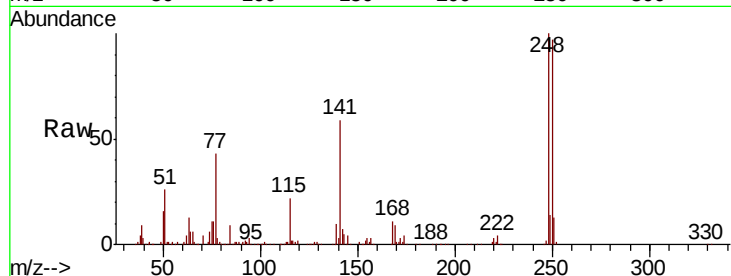




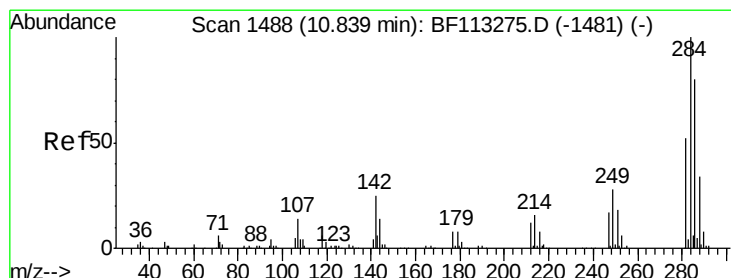
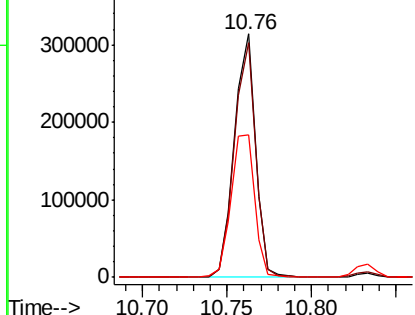
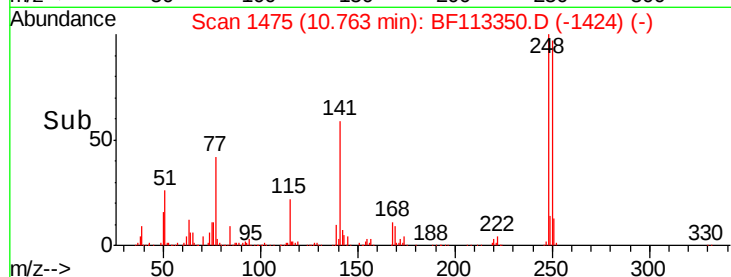
#67
4-Bromophenyl-phenylether
Concen: 46.935 ng
RT: 10.76 min Scan# 1475
Delta R.T. -0.00 min
Lab File: BF113350.D
Acq: 28 Mar 2019 1:35

Instrument :
BNA_F
ClientSampleId :
CS-11MS

Tot Ion:248 Resp: 273323
Ion Ratio Lower Upper
248 100
250 96.6 78.3 117.5
141 58.6 56.2 84.4

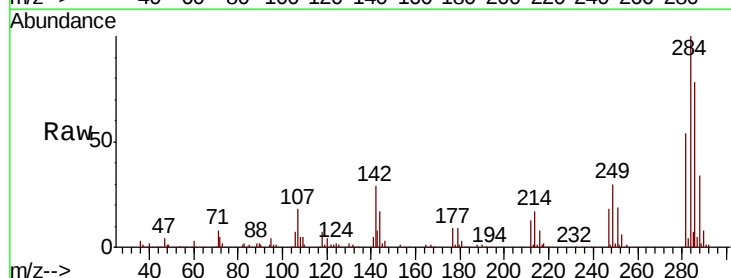


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

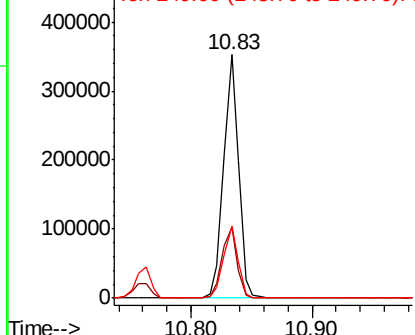
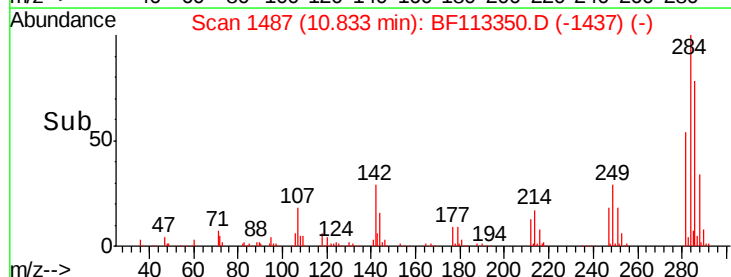


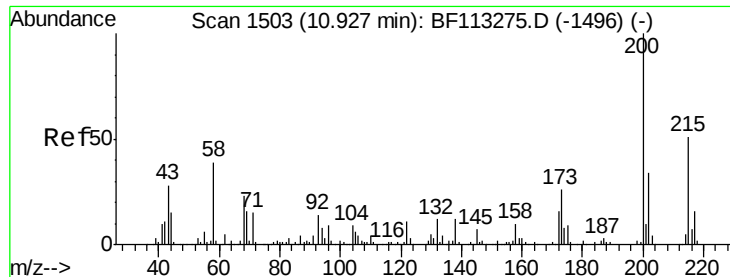
#68
Hexachlorobenzene
Concen: 44.684 ng
RT: 10.83 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BF113350.D
Acq: 28 Mar 2019 1:35

Tgt Ion:284 Resp: 302039
Ion Ratio Lower Upper
284 100
142 29.0 20.1 30.1
249 29.5 22.7 34.1



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

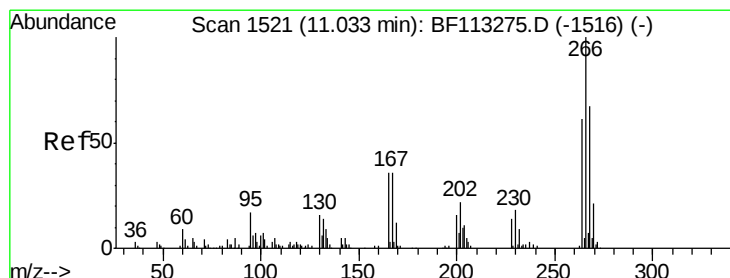
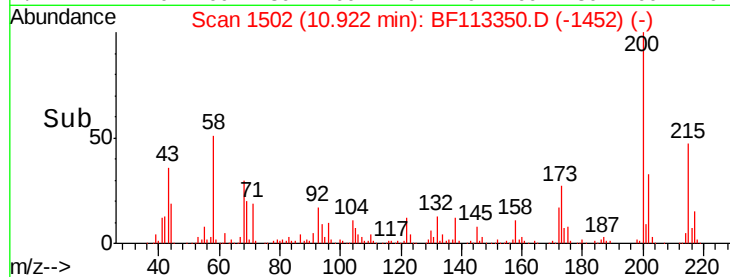
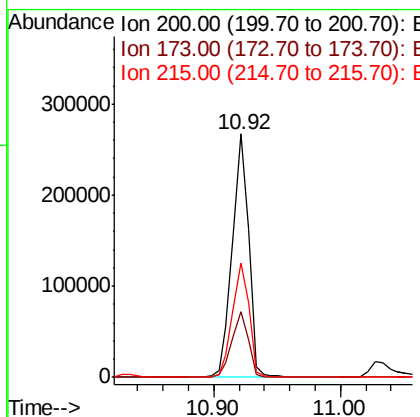
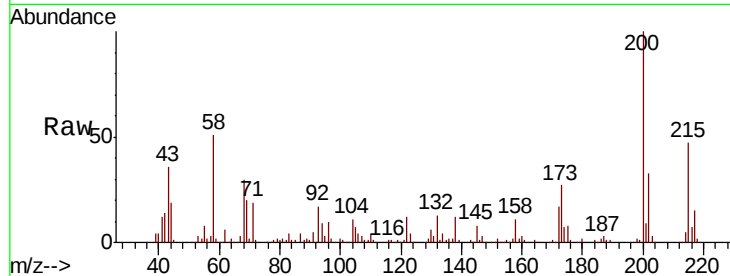




#69
 Atrazine
 Concen: 45.975 ng
 RT: 10.92 min Scan# 1502
 Delta R.T. -0.01 min
 Lab File: BF113350.D
 Acq: 28 Mar 2019 1:35

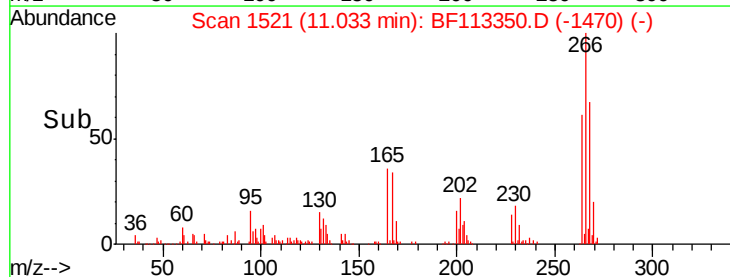
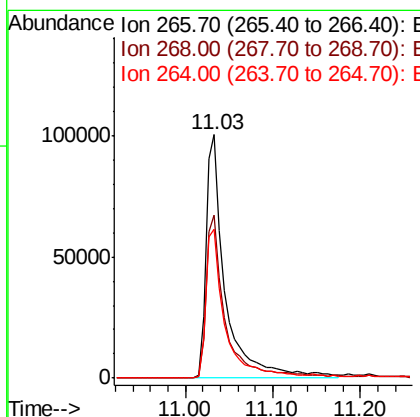
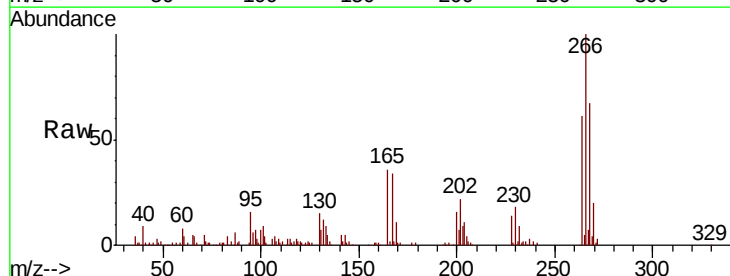
Instrument :
 BNA_F
 ClientSampleId :
 CS-11MS

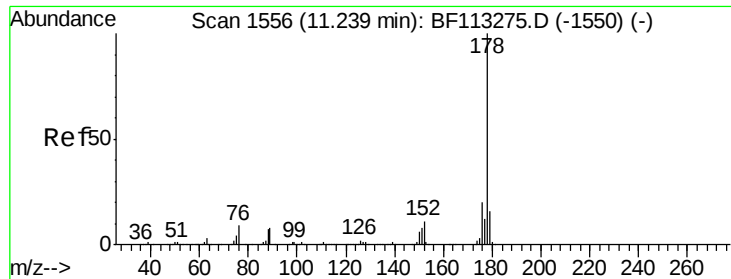
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.8	6.0	46.0
215	46.9	31.3	71.3



#70
 Pentachlorophenol
 Concen: 43.598 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. -0.00 min
 Lab File: BF113350.D
 Acq: 28 Mar 2019 1:35

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.8	53.8	80.6
264	61.3	49.2	73.8

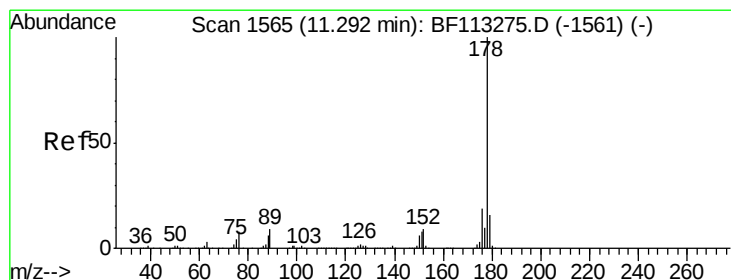
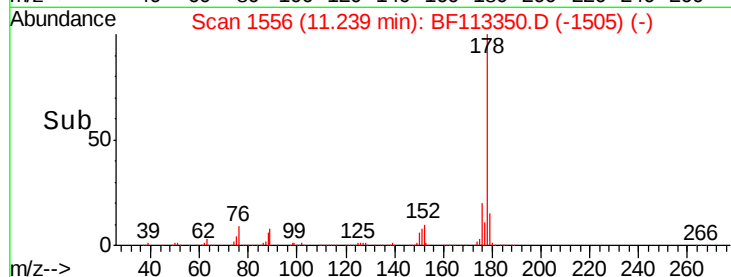
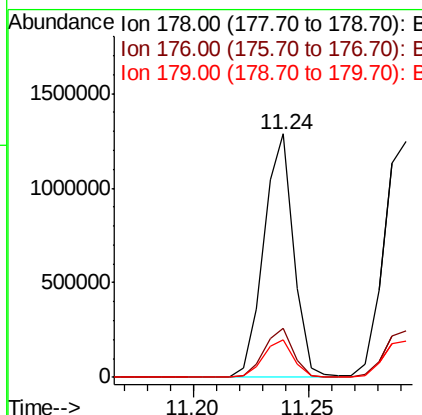
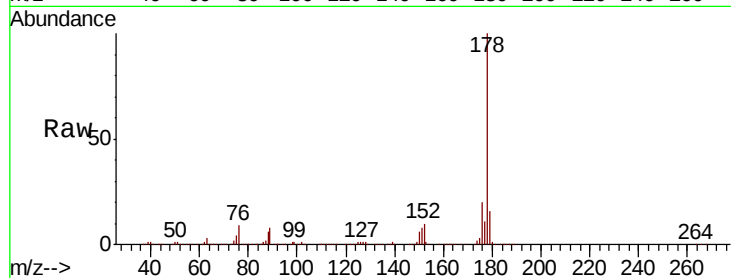




#71
Phenanthrene
Concen: 43.748 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.00 min
Lab File: BF113350.D
Acq: 28 Mar 2019 1:35

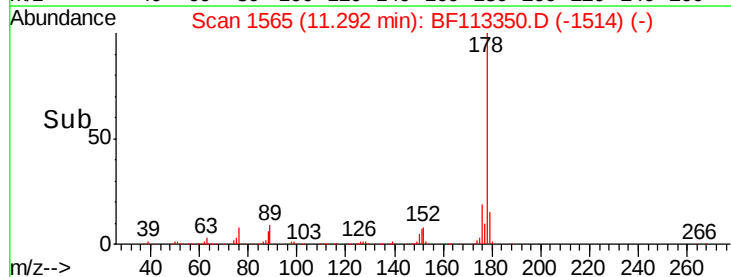
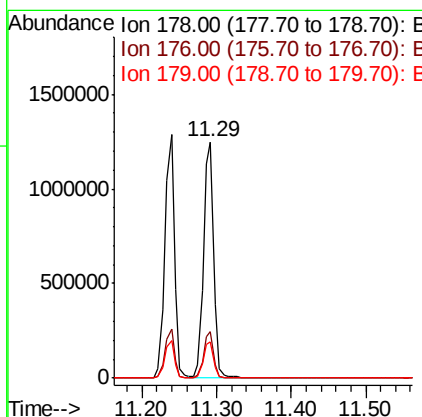
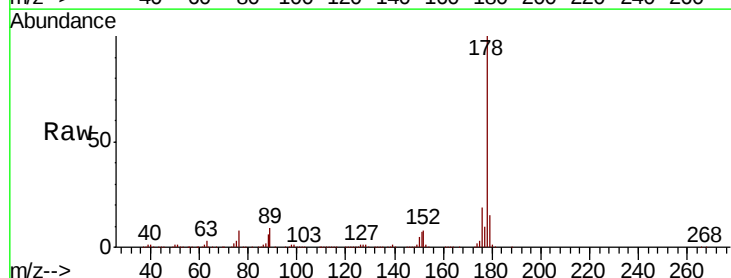
Instrument :
BNA_F
ClientSampleId :
CS-11MS

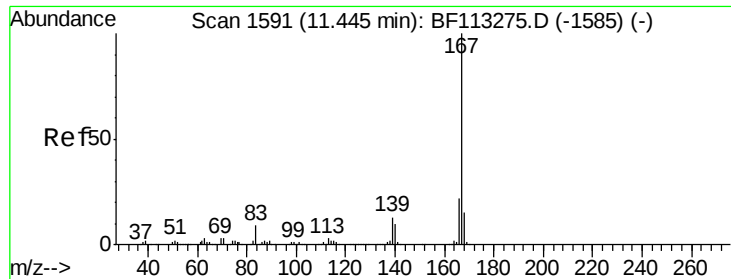
Tot Ion:178 Resp: 1160785
Ion Ratio Lower Upper
178 100
176 20.0 16.2 24.2
179 15.6 12.7 19.1



#72
Anthracene
Concen: 44.934 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.00 min
Lab File: BF113350.D
Acq: 28 Mar 2019 1:35

Tgt Ion:178 Resp: 1211014
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 15.4 12.8 19.2

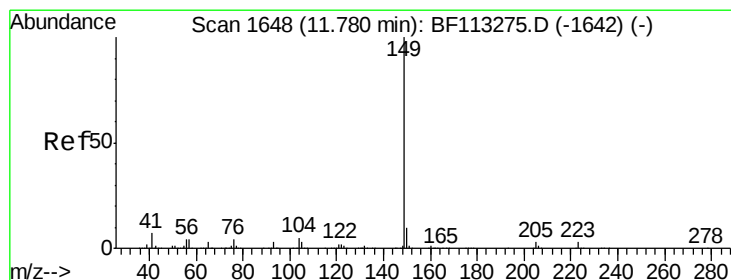
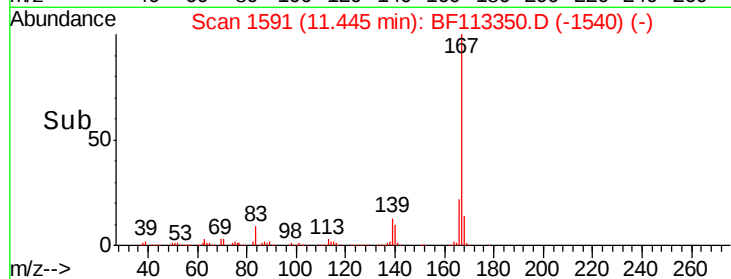
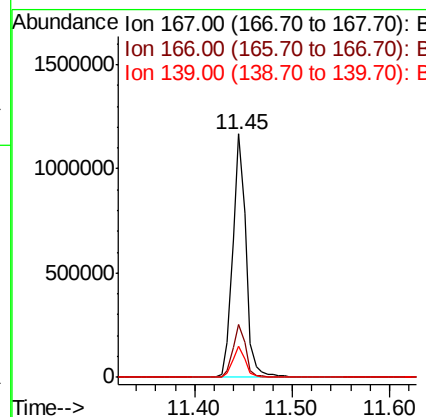
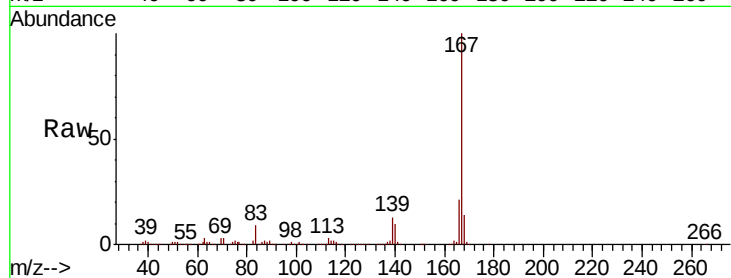




#73
 Carbazole
 Concen: 42.484 ng
 RT: 11.45 min Scan# 1591
 Delta R.T. -0.00 min
 Lab File: BF113350.D
 Acq: 28 Mar 2019 1:35

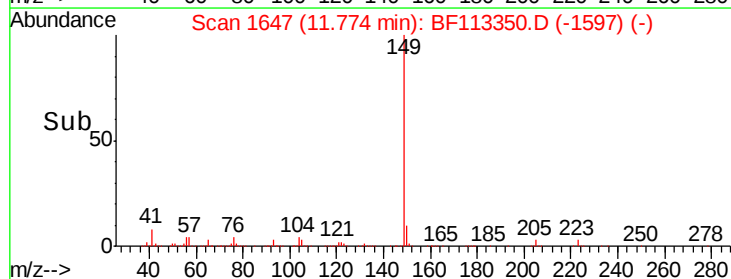
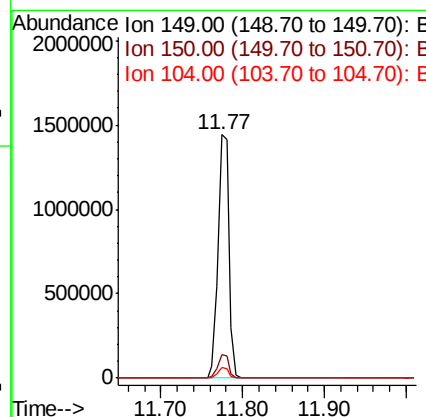
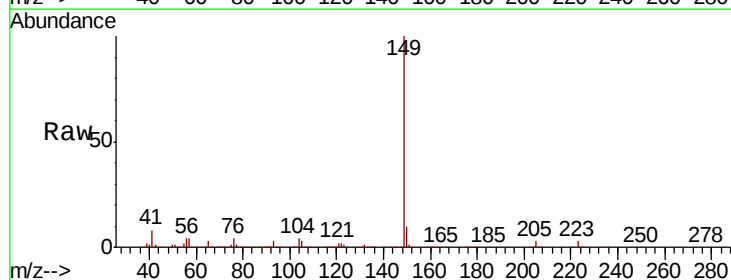
Instrument :
 BNA_F
 ClientSampleId :
 CS-11MS

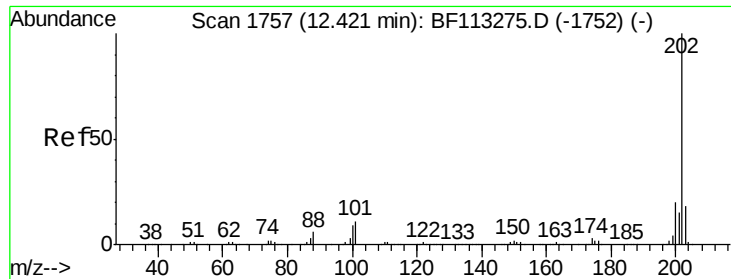
Tot Ion:167 Resp: 1092542
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.4 26.0
 139 12.7 10.4 15.6



#74
 Di-n-butylphthalate
 Concen: 45.226 ng
 RT: 11.77 min Scan# 1647
 Delta R.T. -0.01 min
 Lab File: BF113350.D
 Acq: 28 Mar 2019 1:35

Tgt Ion:149 Resp: 1348756
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.7 11.5
 104 4.4 3.7 5.5

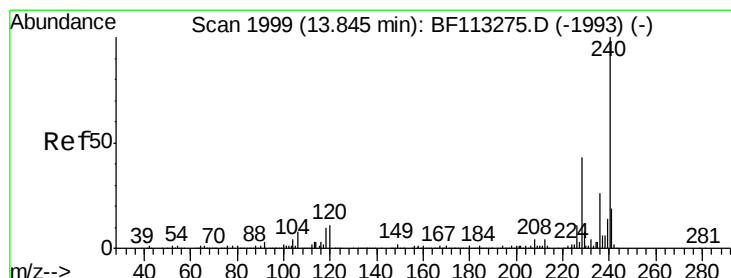
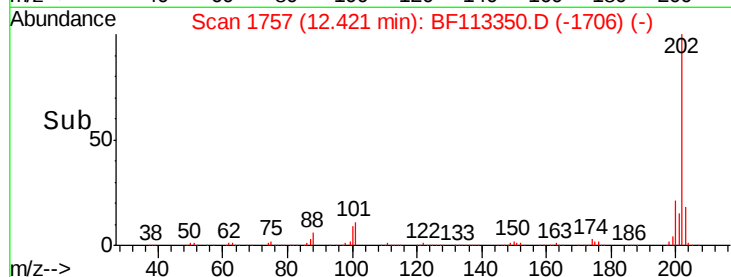
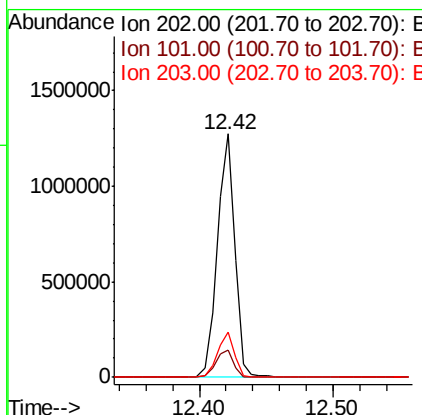
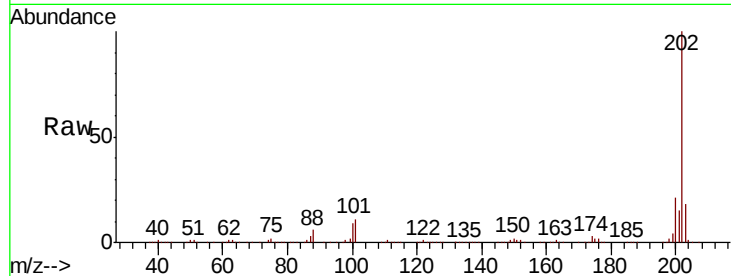




#75
 Fluoranthene
 Concen: 39.346 ng
 RT: 12.42 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: BF113350.D
 Acq: 28 Mar 2019 1:35

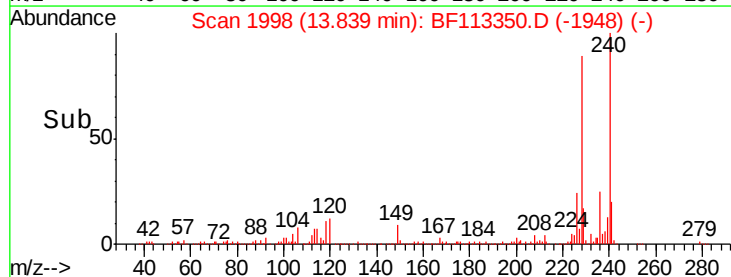
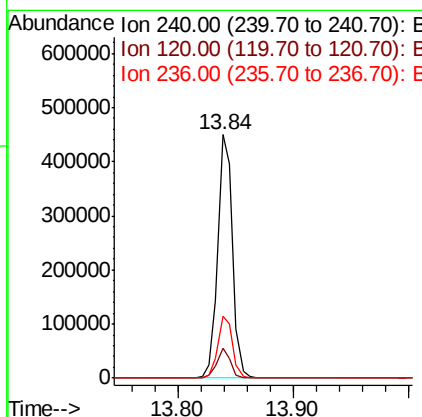
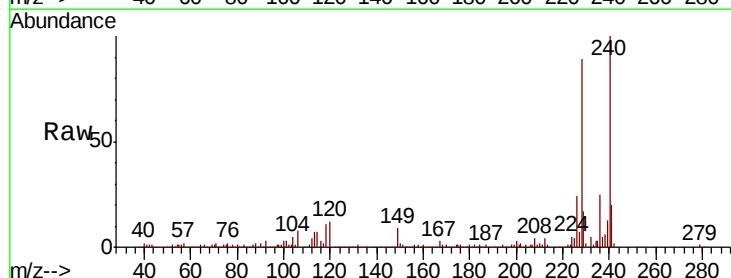
Instrument :
 BNA_F
 ClientSampleId :
 CS-11MS

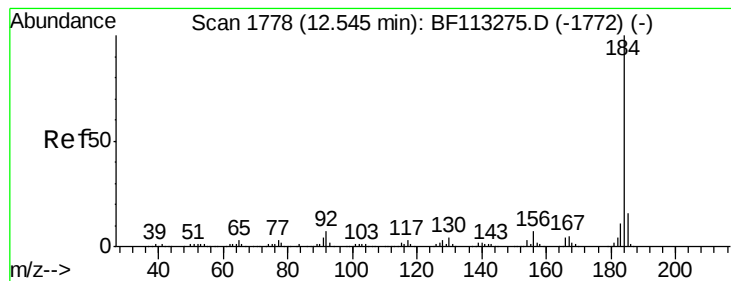
Tot Ion:202 Resp: 1180207
 Ion Ratio Lower Upper
 202 100
 101 11.3 0.0 31.4
 203 18.3 0.0 38.0



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BF113350.D
 Acq: 28 Mar 2019 1:35

Tgt Ion:240 Resp: 399539
 Ion Ratio Lower Upper
 240 100
 120 12.3 8.8 13.2
 236 25.2 20.9 31.3

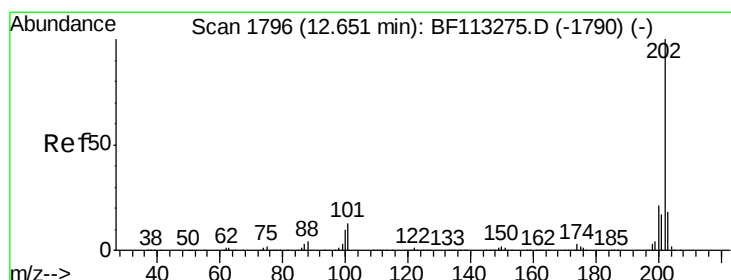
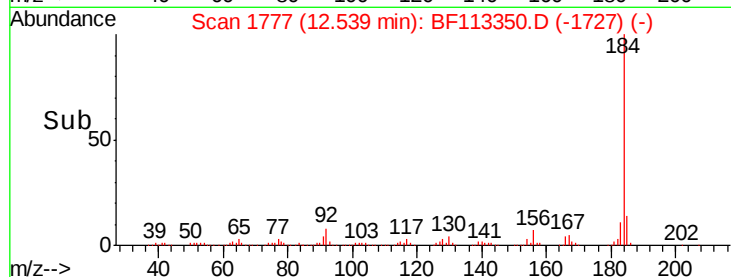
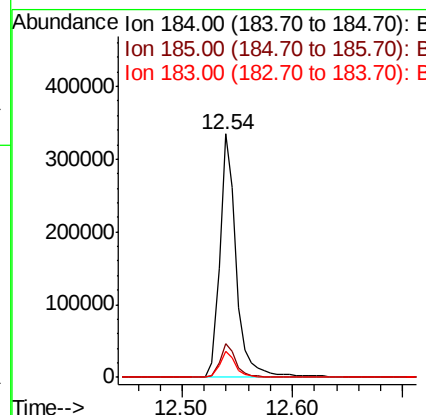
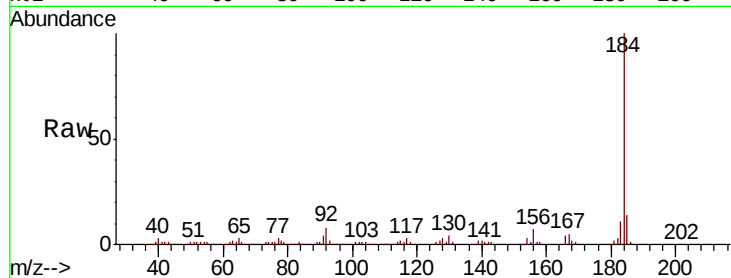




#77
Benzidine
Concen: 22.430 ng
RT: 12.54 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BF113350.D
Acq: 28 Mar 2019 1:35

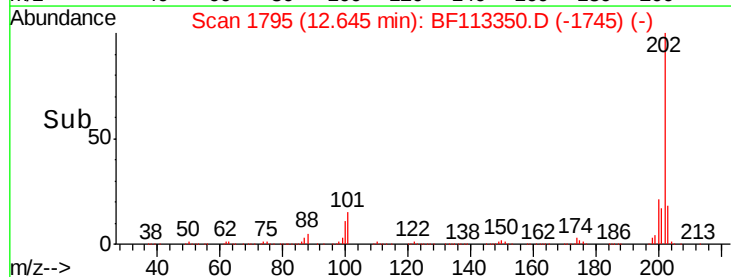
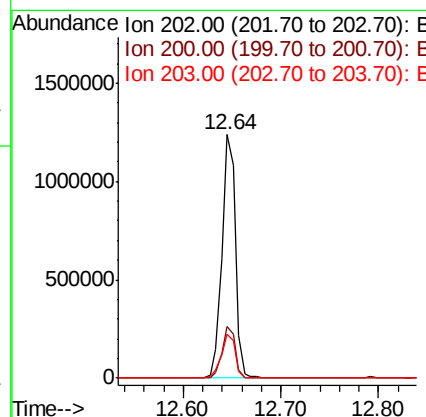
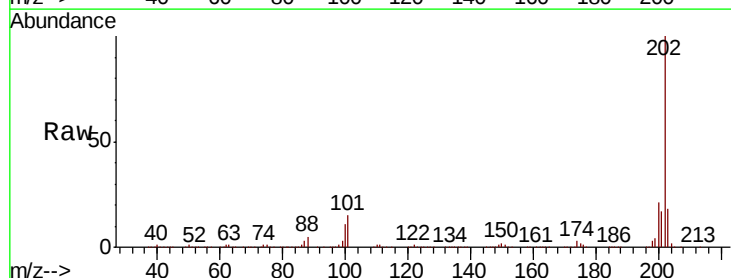
Instrument :
BNA_F
ClientSampleId :
CS-11MS

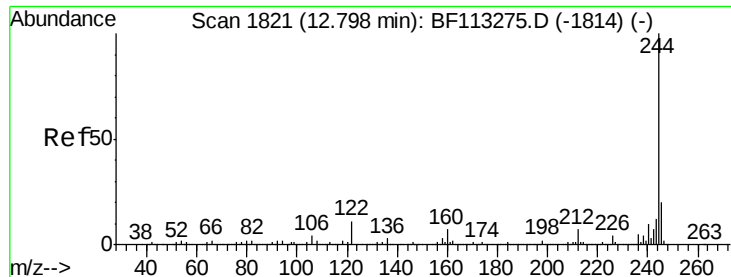
Tot Ion:184 Resp: 343180
Ion Ratio Lower Upper
184 100
185 14.1 13.0 19.6
183 10.5 9.0 13.4



#78
Pyrene
Concen: 42.982 ng
RT: 12.64 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BF113350.D
Acq: 28 Mar 2019 1:35

Tgt Ion:202 Resp: 1190027
Ion Ratio Lower Upper
202 100
200 21.1 16.8 25.2
203 18.0 14.4 21.6



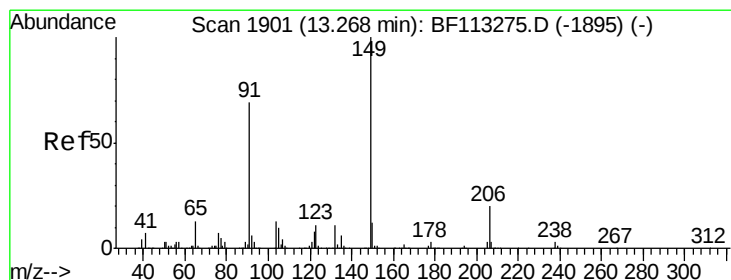
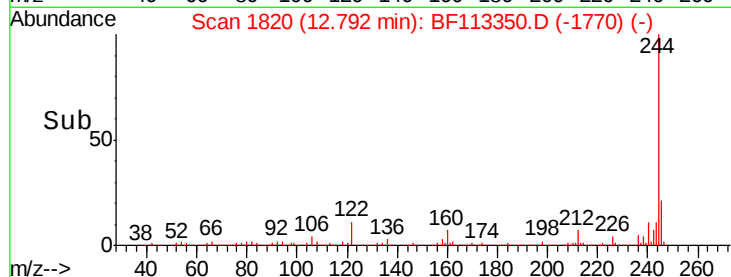
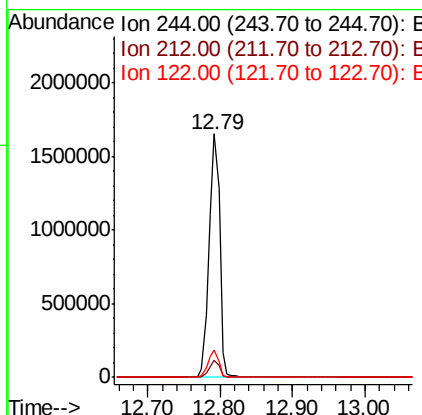
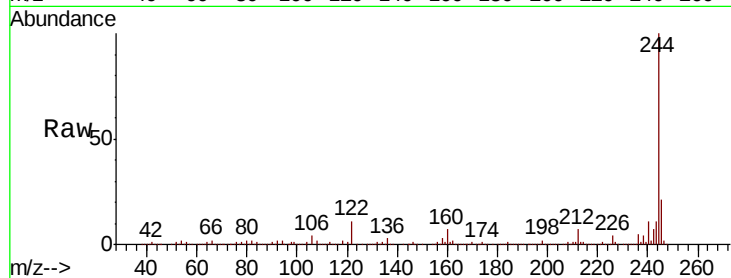


#79
 Terphenyl-d14
 Concen: 93.006 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF113350.D
 Acq: 28 Mar 2019 1:35

Instrument :
 BNA_F
 ClientSampleId :
 CS-11MS

Tot Ion:244 Resp: 1685869

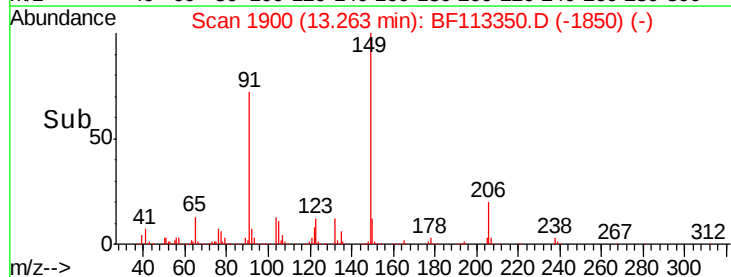
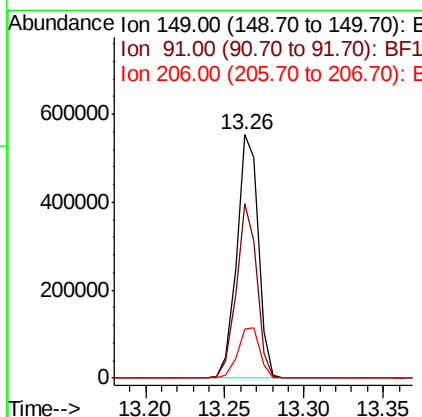
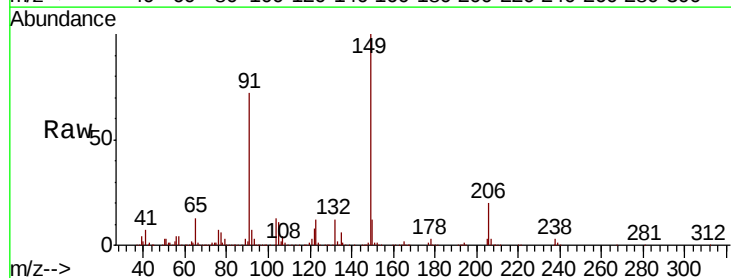
Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.5	8.3
122	11.5	8.6	13.0

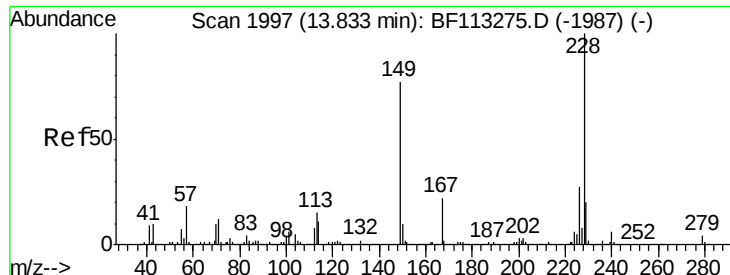


#80
 Butylbenzylphthalate
 Concen: 42.662 ng
 RT: 13.26 min Scan# 1900
 Delta R.T. -0.01 min
 Lab File: BF113350.D
 Acq: 28 Mar 2019 1:35

Tgt Ion:149 Resp: 520558

Ion	Ratio	Lower	Upper
149	100		
91	71.6	55.2	82.8
206	19.9	16.1	24.1





#81

Benzo(a)anthracene

Concen: 42.767 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BF113350.D

Acq: 28 Mar 2019 1:35

Instrument :

BNA_F

ClientSampleId :

CS-11MS

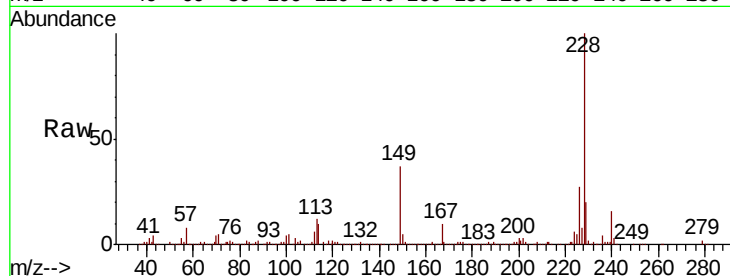
Tot Ion:228 Resp: 978083

Ion Ratio Lower Upper

228 100

226 27.1 21.8 32.8

229 19.9 16.2 24.4

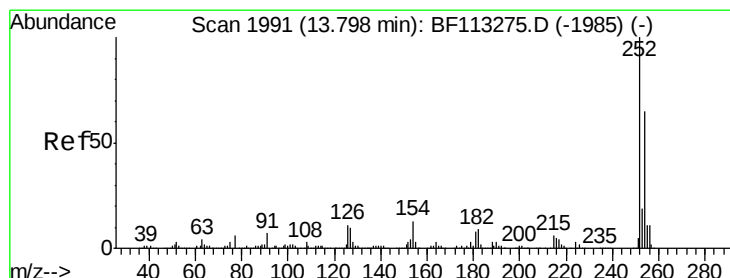
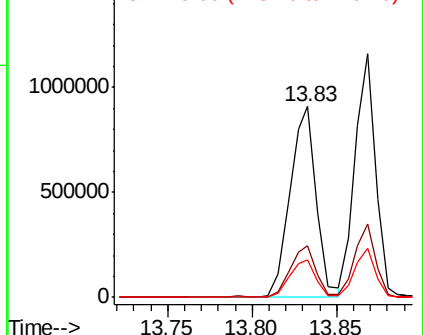
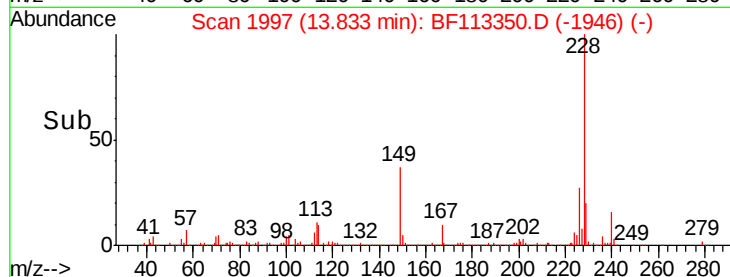


Abundance

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: 30.053 ng

RT: 13.79 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BF113350.D

Acq: 28 Mar 2019 1:35

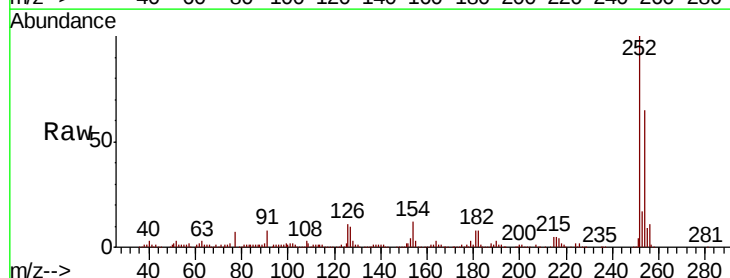
Tgt Ion:252 Resp: 275731

Ion Ratio Lower Upper

252 100

254 64.9 52.2 78.2

126 10.6 8.5 12.7

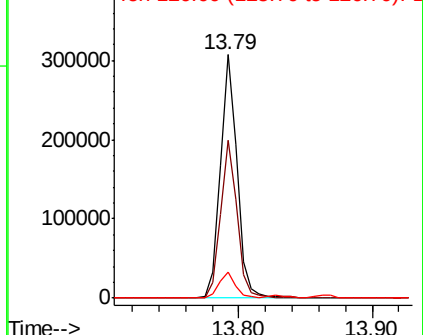
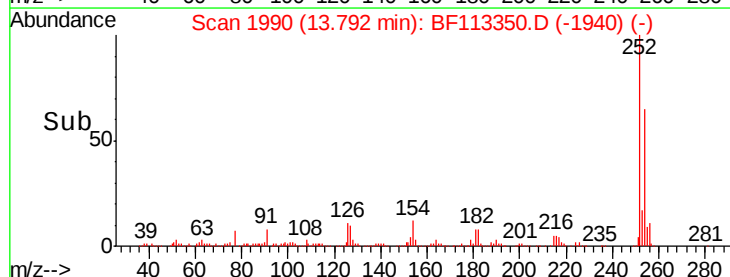


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 42.647 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF113350.D

Acq: 28 Mar 2019 1:35

Instrument :

BNA_F

ClientSampleId :

CS-11MS

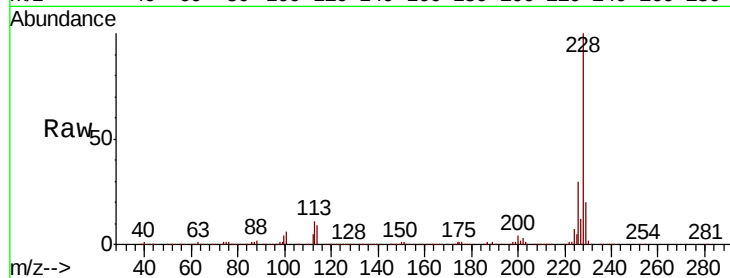
Tot Ion:228 Resp: 990676

Ion Ratio Lower Upper

228 100

226 30.2 24.3 36.5

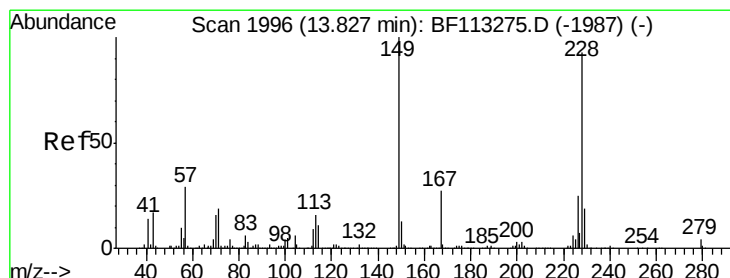
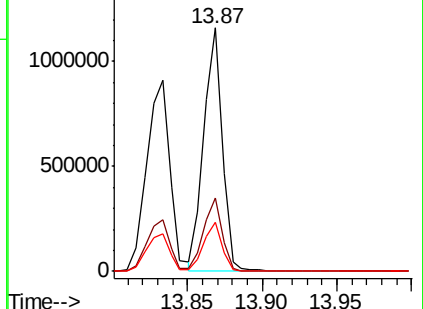
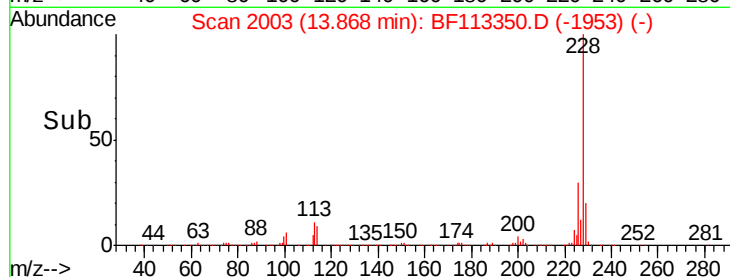
229 20.1 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.242 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.00 min

Lab File: BF113350.D

Acq: 28 Mar 2019 1:35

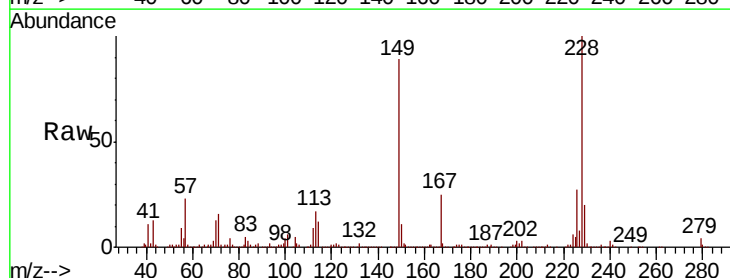
Tgt Ion:149 Resp: 631866

Ion Ratio Lower Upper

149 100

167 28.1 21.8 32.8

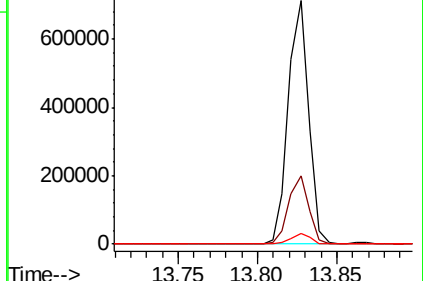
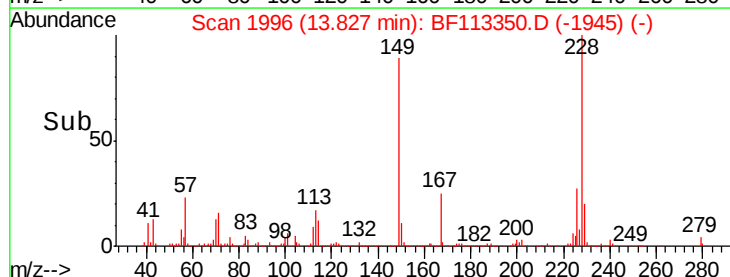
279 4.4 2.9 4.3#

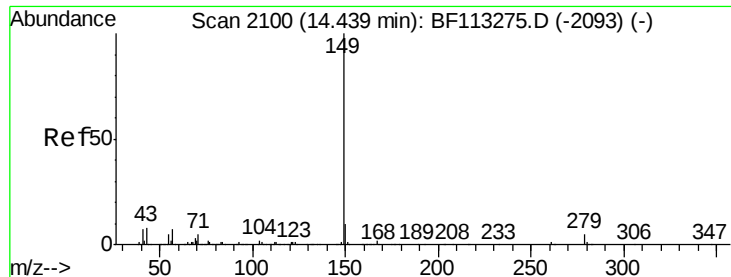


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

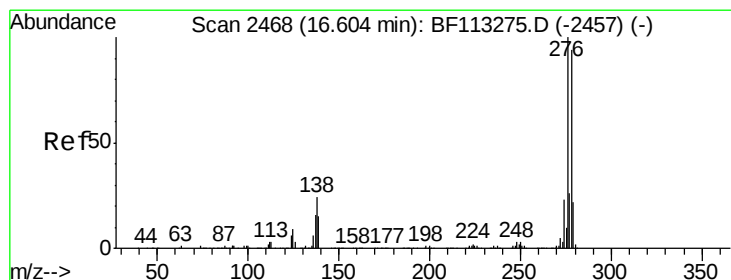
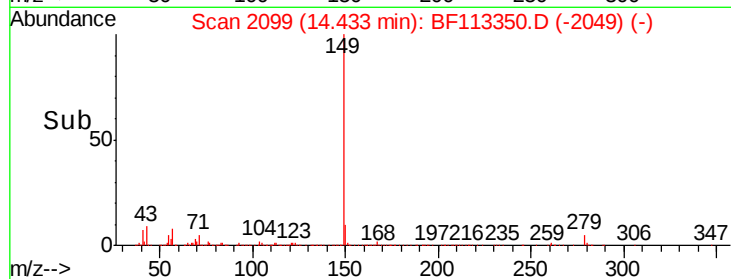
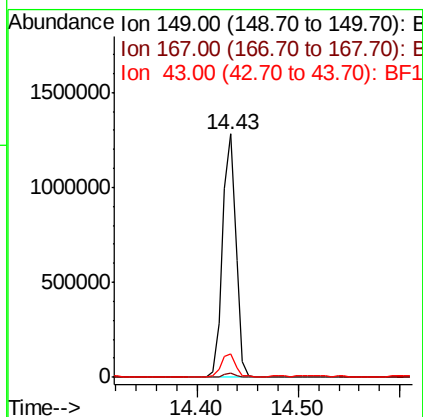
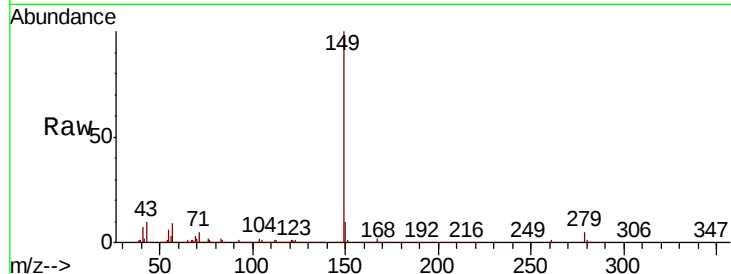




#85
Di-n-octyl phthalate
Concen: 45.890 ng
RT: 14.43 min Scan# 2099
Delta R.T. -0.01 min
Lab File: BF113350.D
Acq: 28 Mar 2019 1:35

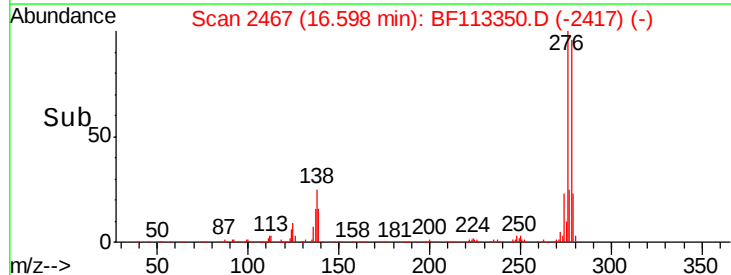
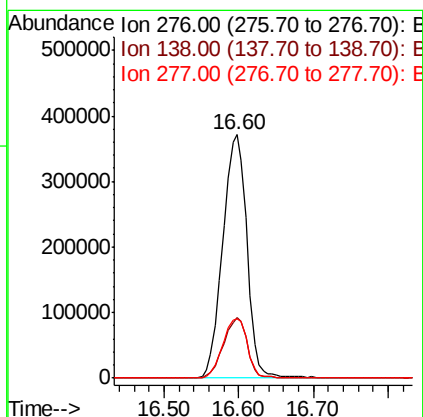
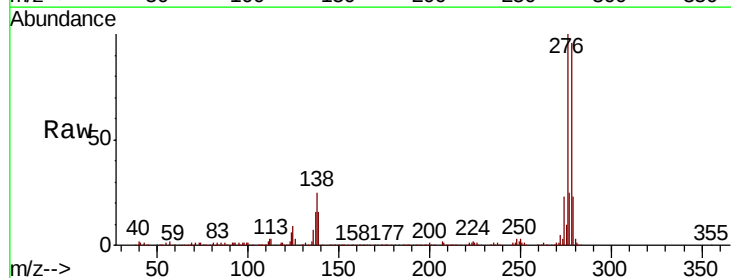
Instrument :
BNA_F
ClientSampleId :
CS-11MS

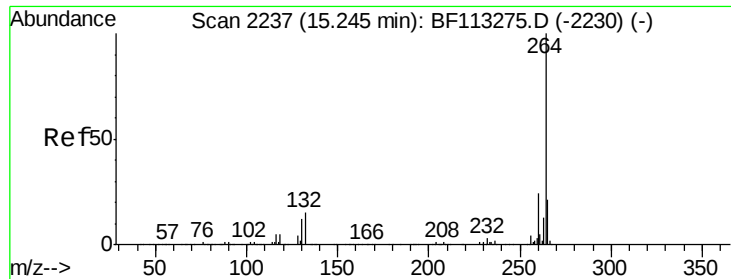
Tot Ion:149 Resp: 1165157
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 9.7 7.7 11.5



#86
Indeno(1,2,3-cd)pyrene
Concen: 42.108 ng
RT: 16.60 min Scan# 2467
Delta R.T. -0.01 min
Lab File: BF113350.D
Acq: 28 Mar 2019 1:35

Tgt Ion:276 Resp: 839484
Ion Ratio Lower Upper
276 100
138 24.4 18.1 27.1
277 25.2 20.2 30.4

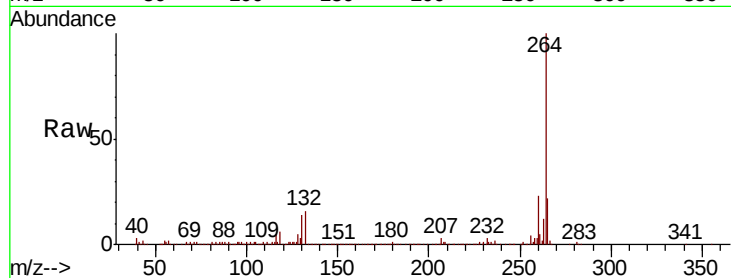




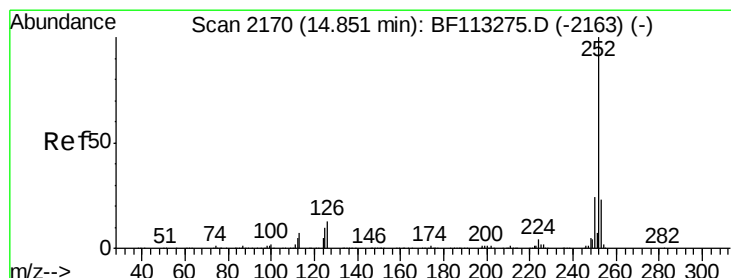
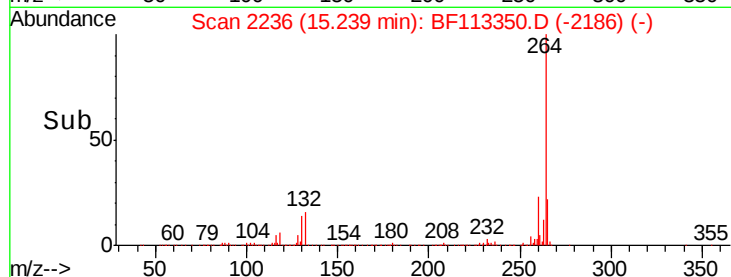
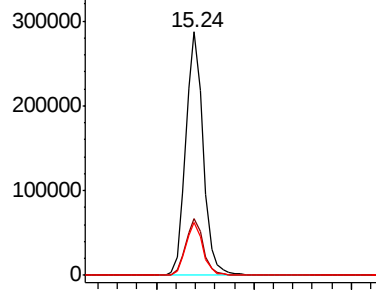
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.01 min
Lab File: BF113350.D
Acq: 28 Mar 2019 1:35

Instrument :
BNA_F
ClientSampleId :
CS-11MS

Tot Ion:264 Resp: 356860
Ion Ratio Lower Upper
264 100
260 23.4 19.1 28.7
265 21.7 17.1 25.7

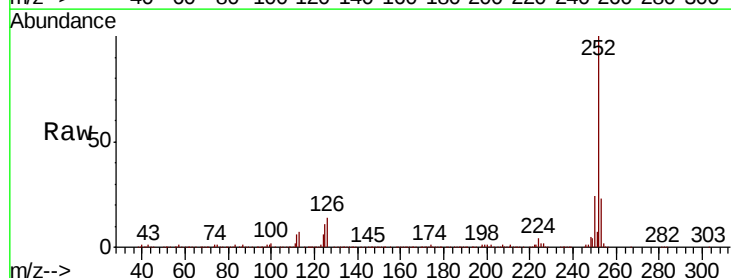


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

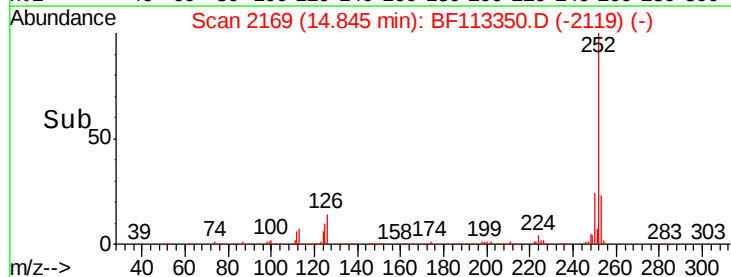
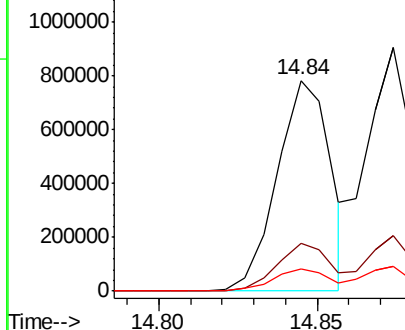


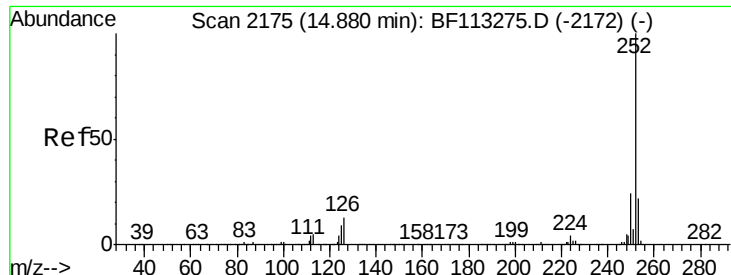
#88
Benzo(b)fluoranthene
Concen: 41.388 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF113350.D
Acq: 28 Mar 2019 1:35

Tgt Ion:252 Resp: 917487
Ion Ratio Lower Upper
252 100
253 22.8 18.0 27.0
125 10.6 7.6 11.4



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

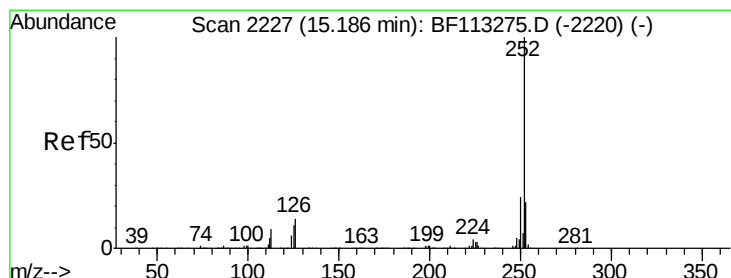
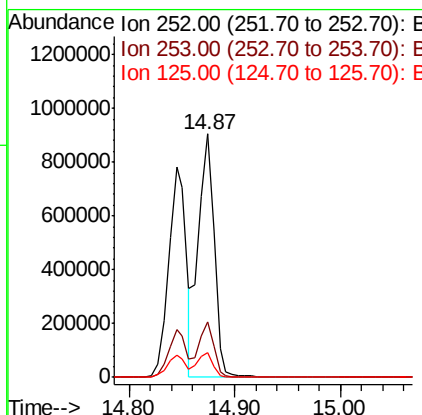
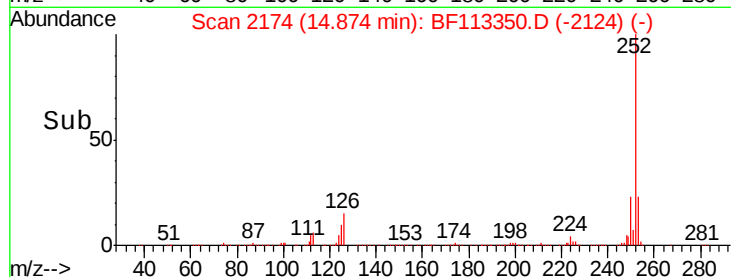
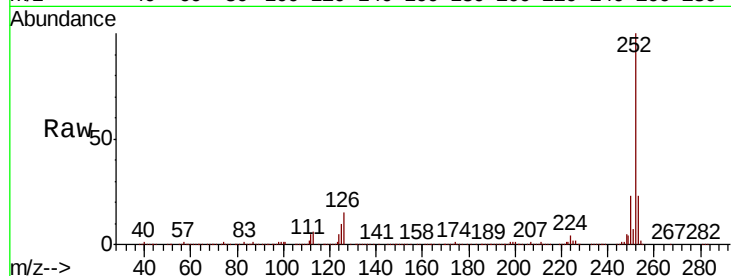




#89
Benzo(k)fluoranthene
Concen: 47.799 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BF113350.D
Acq: 28 Mar 2019 1:35

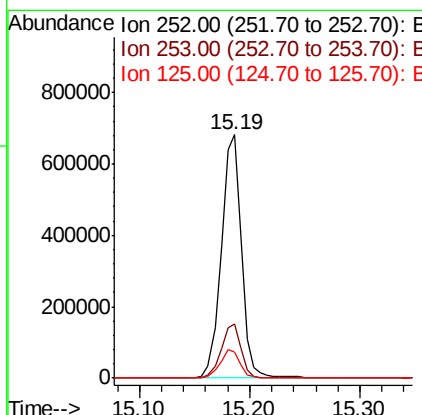
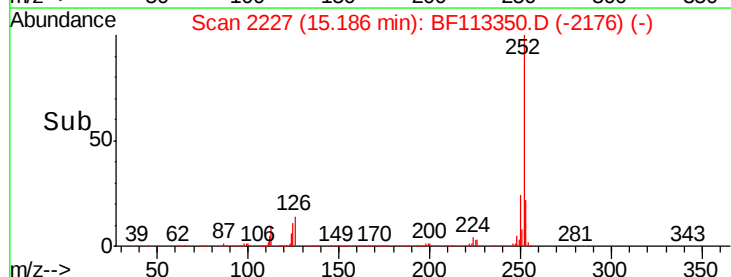
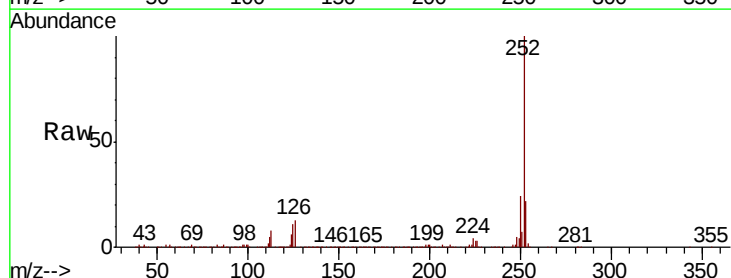
Instrument :
BNA_F
ClientSampleId :
CS-11MS

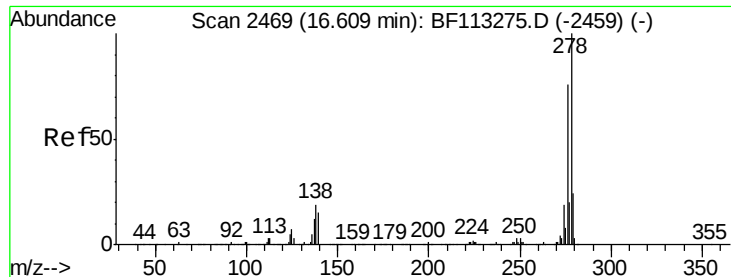
Tot Ion:252 Resp: 930533
Ion Ratio Lower Upper
252 100
253 22.7 17.7 26.5
125 10.0 7.3 10.9



#90
Benzo(a)pyrene
Concen: 44.018 ng
RT: 15.19 min Scan# 2227
Delta R.T. -0.00 min
Lab File: BF113350.D
Acq: 28 Mar 2019 1:35

Tgt Ion:252 Resp: 865072
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 10.6 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 42.253 ng

RT: 16.60 min Scan# 2468

Delta R.T. -0.01 min

Lab File: BF113350.D

Acq: 28 Mar 2019 1:35

Instrument :

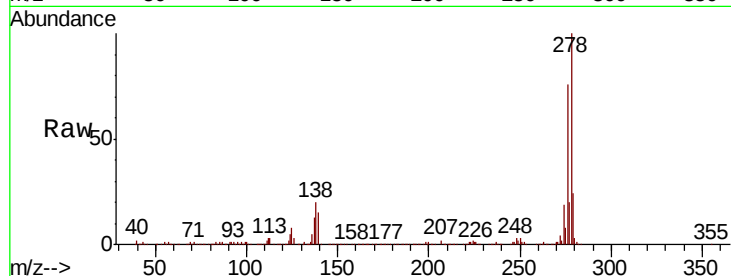
BNA_F

ClientSampleId :

CS-11MS

Tot Ion:278 Resp: 717997

Ion	Ratio	Lower	Upper
278	100		
139	15.3	12.0	18.0
279	23.8	19.0	28.6

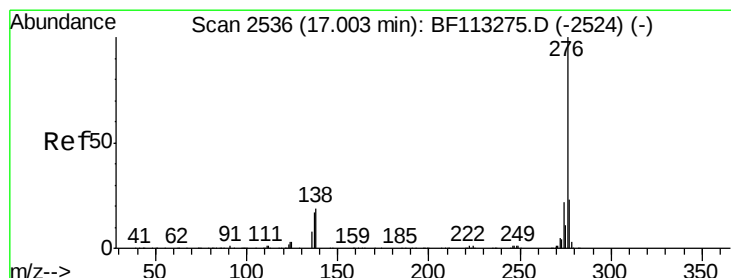
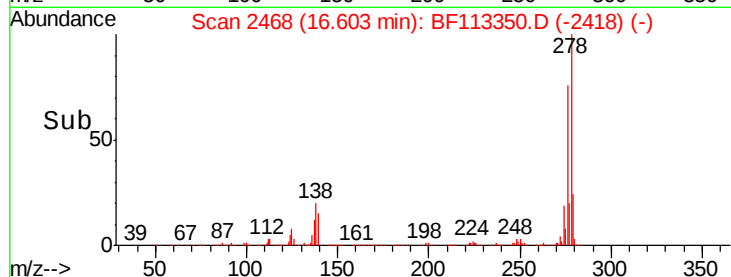
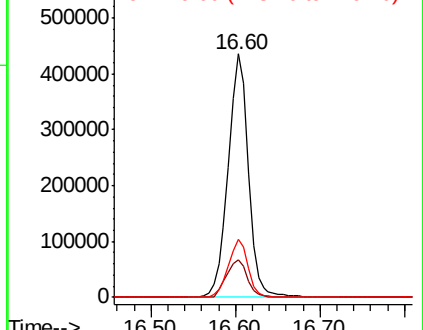


Abundance

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: 40.840 ng

RT: 17.00 min Scan# 2535

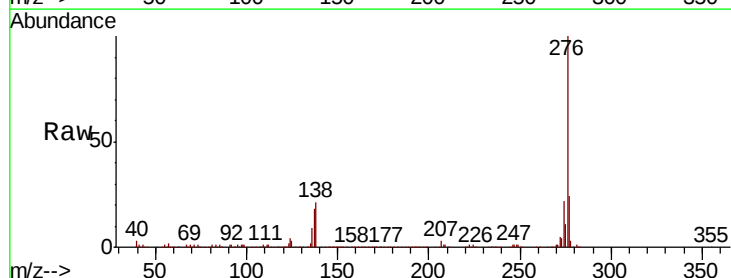
Delta R.T. -0.01 min

Lab File: BF113350.D

Acq: 28 Mar 2019 1:35

Tgt Ion:276 Resp: 699744

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.8	28.2
138	20.8	15.6	23.4



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

