

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030819\
 Data File : BF112939.D
 Acq On : 8 Mar 2019 12:56
 Operator : JU/SJ
 Sample : K1809-01MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 08 22:05:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	193568	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	741569	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	359595	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	723594	20.00	ng	0.00
76) Chrysene-d12	13.86	240	516280	20.00	ng	-0.01
87) Perylene-d12	15.26	264	512393	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	808523	64.97	ng	0.00
7) Phenol-d6	6.37	99	1050429	67.20	ng	0.00
23) Nitrobenzene-d5	7.29	82	638208	51.50	ng	-0.02
42) 2,4,6-Tribromophenol	10.55	330	316376	82.87	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1178919	48.45	ng	-0.01
79) Terphenyl-d14	12.82	244	1265686	47.52	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.42	88	123156	19.744	ng	95
3) Pyridine	3.15	79	269658	16.159	ng	99
4) n-Nitrosodimethylamine	3.05	42	133885	18.340	ng	96
6) Aniline	6.39	93	403048	18.732	ng	# 84
8) 2-Chlorophenol	6.52	128	306842	22.151	ng	95
9) Benzaldehyde	6.27	77	163686	14.533	ng	98
10) Phenol	6.38	94	410233	22.490	ng	95
11) bis(2-Chloroethyl)ether	6.46	93	293053	20.931	ng	98
12) 1,3-Dichlorobenzene	6.67	146	328076	22.927	ng	98
13) 1,4-Dichlorobenzene	6.75	146	329566	22.966	ng	98
14) 1,2-Dichlorobenzene	6.90	146	311103	23.649	ng	97
15) Benzyl Alcohol	6.87	79	269472	22.608	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.01	45	481890	20.625	ng	98
17) 2-Methylphenol	6.99	107	255187	22.708	ng	97
18) Hexachloroethane	7.25	117	117625	21.398	ng	92
19) n-Nitroso-di-n-propylamine	7.14	70	207032	20.912	ng	98
20) 3+4-Methylphenols	7.14	107	305757	24.100	ng	90
22) Acetophenone	7.14	105	417450	24.075	ng	# 93
24) Nitrobenzene	7.31	77	328390	23.808	ng	96
25) Isophorone	7.55	82	596136	22.328	ng	99
26) 2-Nitrophenol	7.63	139	165405	28.807	ng	98
27) 2,4-Dimethylphenol	7.67	122	275219	25.764	ng	99
28) bis(2-Chloroethoxy)methane	7.76	93	380734	22.809	ng	99
29) 2,4-Dichlorophenol	7.87	162	266466	25.723	ng	98
30) 1,2,4-Trichlorobenzene	7.96	180	280121	25.167	ng	98
31) Naphthalene	8.03	128	897122	24.367	ng	99
32) Benzoic acid	7.74	122	46475	6.207	ng	85
33) 4-Chloroaniline	8.08	127	340857	21.858	ng	99
34) Hexachlorobutadiene	8.16	225	160424	25.556	ng	98
35) Caprolactam	8.43	113	56716	15.545	ng	99
36) 4-Chloro-3-methylphenol	8.56	107	275961	24.071	ng	99
37) 2-Methylnaphthalene	8.72	142	608579	25.596	ng	99
38) 1-Methylnaphthalene	8.82	142	565100	24.536	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	263721	25.149	ng	99

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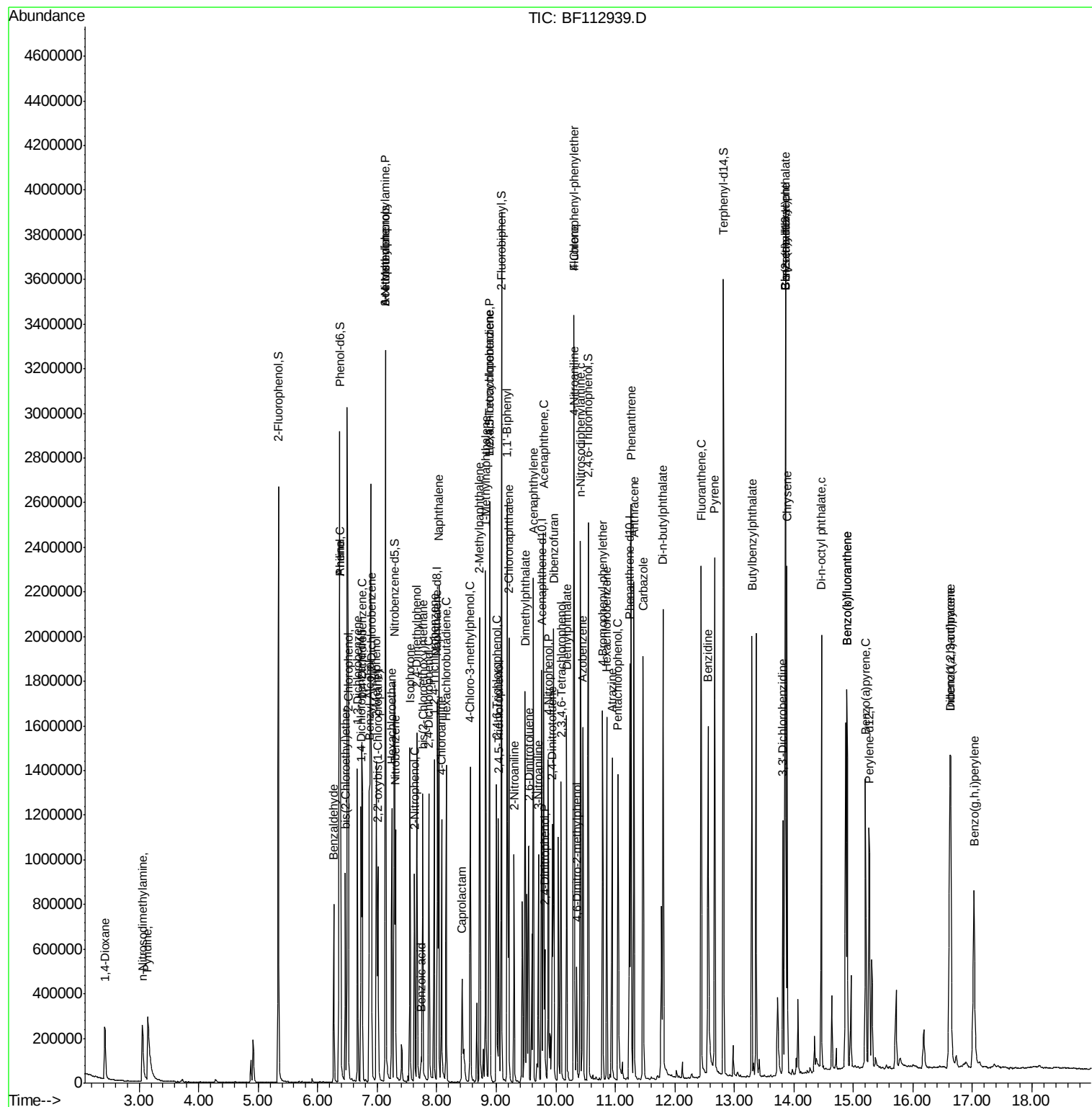
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	319840	55.700	ng	100
43) 2,4,6-Trichlorophenol	9.00	196	188044	26.056	ng	100
44) 2,4,5-Trichlorophenol	9.05	196	206102	26.421	ng	94
46) 1,1'-Biphenyl	9.19	154	729348	24.866	ng	99
47) 2-Chloronaphthalene	9.21	162	565061	24.673	ng	97
48) 2-Nitroaniline	9.30	65	179244	25.749	ng	99
49) Acenaphthylene	9.62	152	923868	23.762	ng	99
50) Dimethylphthalate	9.49	163	702033	26.477	ng	99
51) 2,6-Dinitrotoluene	9.55	165	144369	26.147	ng	# 78
52) Acenaphthene	9.79	154	562129	24.723	ng	99
53) 3-Nitroaniline	9.71	138	154870	23.019	ng	98
54) 2,4-Dinitrophenol	9.82	184	76070	37.418	ng	95
55) Dibenzofuran	9.96	168	811304	24.551	ng	97
56) 4-Nitrophenol	9.87	139	249252	45.584	ng	93
57) 2,4-Dinitrotoluene	9.95	165	193741	28.229	ng	# 84
58) Fluorene	10.30	166	592139	25.247	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.09	232	168942	25.995	ng	# 94
60) Diethylphthalate	10.18	149	650413	23.226	ng	99
61) 4-Chlorophenyl-phenylether	10.30	204	292954	26.846	ng	95
62) 4-Nitroaniline	10.32	138	162937	26.208	ng	96
63) Azobenzene	10.46	77	625291	21.800	ng	97
65) 4,6-Dinitro-2-methylphenol	10.35	198	63307	23.859	ng	88
66) n-Nitrosodiphenylamine	10.42	169	549849	23.694	ng	99
67) 4-Bromophenyl-phenylether	10.79	248	189298	24.837	ng	95
68) Hexachlorobenzene	10.86	284	218955	25.485	ng	# 90
69) Atrazine	10.95	200	172153	24.222	ng	98
70) Pentachlorophenol	11.05	266	197471	39.051	ng	97
71) Phenanthrene	11.26	178	886181	24.615	ng	99
72) Anthracene	11.31	178	935768	24.831	ng	99
73) Carbazole	11.47	167	883219	24.025	ng	98
74) Di-n-butylphthalate	11.80	149	1034153	23.460	ng	100
75) Fluoranthene	12.44	202	964568	25.007	ng	96
77) Benzidine	12.56	184	399027	14.897	ng	97
78) Pyrene	12.67	202	973995	22.379	ng	99
80) Butylbenzylphthalate	13.29	149	418753	21.797	ng	93
81) Benzo(a)anthracene	13.85	228	746290	20.857	ng	98
82) 3,3'-Dichlorobenzidine	13.82	252	245108	18.112	ng	98
83) Chrysene	13.89	228	774681	22.103	ng	98
84) Bis(2-ethylhexyl)phthalate	13.86	149	503194	22.330	ng	99
85) Di-n-octyl phthalate	14.46	149	892354	23.062	ng	97
86) Indeno(1,2,3-cd)pyrene	16.62	276	857327	28.692	ng	96
88) Benzo(b)fluoranthene	14.89	252	690354	20.830	ng	97
89) Benzo(k)fluoranthene	14.89	252	690354	22.996	ng	98
90) Benzo(a)pyrene	15.20	252	700411	23.892	ng	98
91) Dibenzo(a,h)anthracene	16.63	278	722947	28.900	ng	98
92) Benzo(g,h,i)perylene	17.03	276	750212	29.866	ng	97

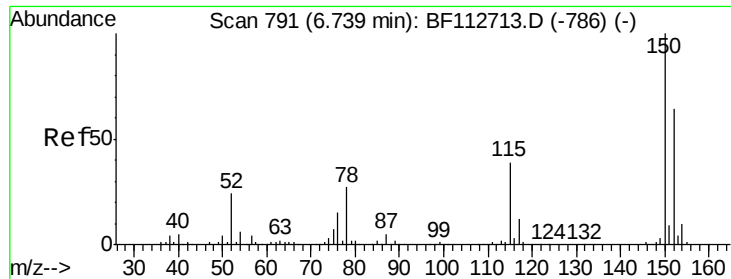
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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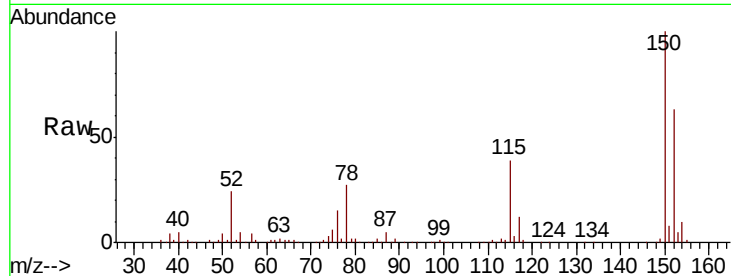


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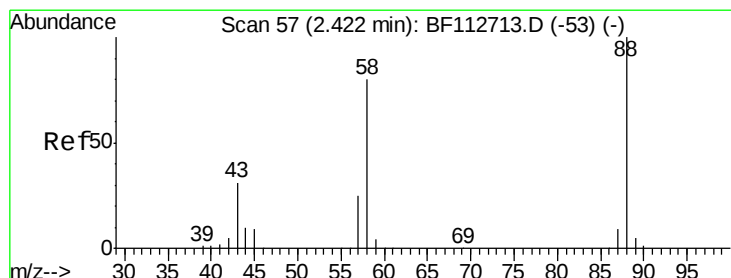
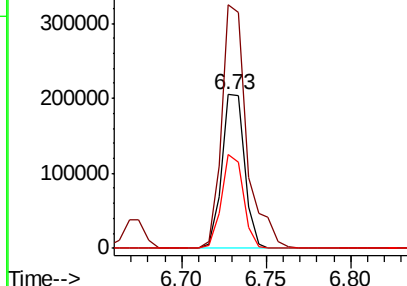
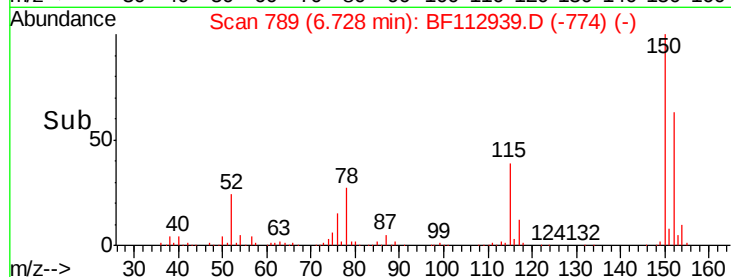
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF112939.D
Acq: 8 Mar 2019 12:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 193568
Ion Ratio Lower Upper
152 100
150 158.7 124.2 186.2
115 61.3 48.2 72.4



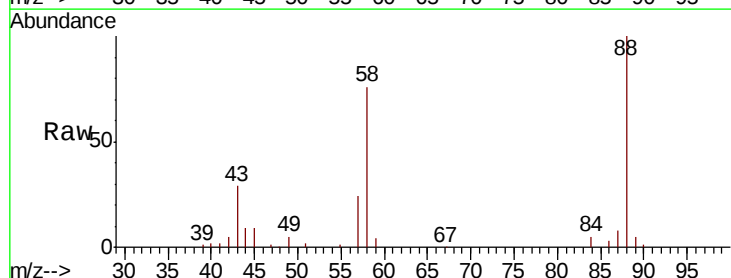
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



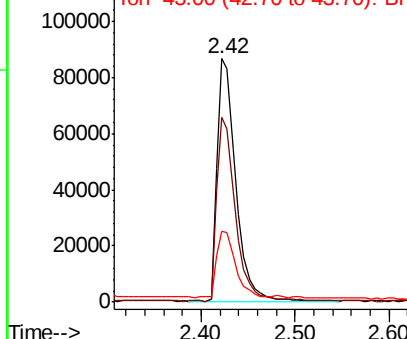
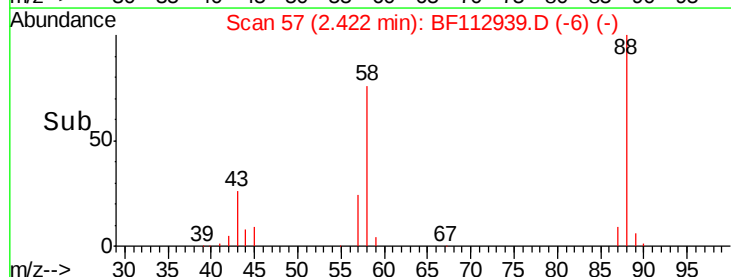
#2

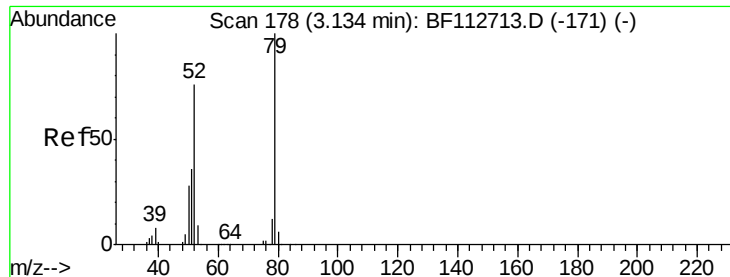
1,4-Dioxane
Concen: 19.744 ng
RT: 2.42 min Scan# 57
Delta R.T. 0.00 min
Lab File: BF112939.D
Acq: 8 Mar 2019 12:56

Tgt Ion: 88 Resp: 123156
Ion Ratio Lower Upper
88 100
58 75.0 63.1 94.7
43 26.8 24.3 36.5



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

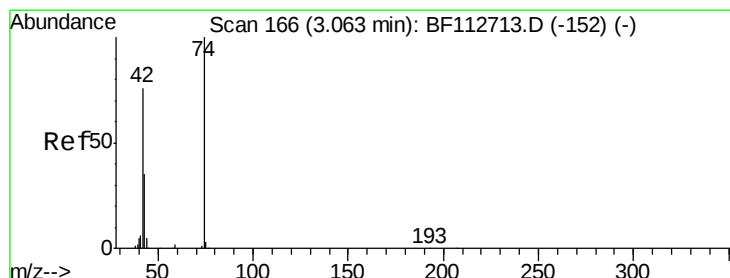
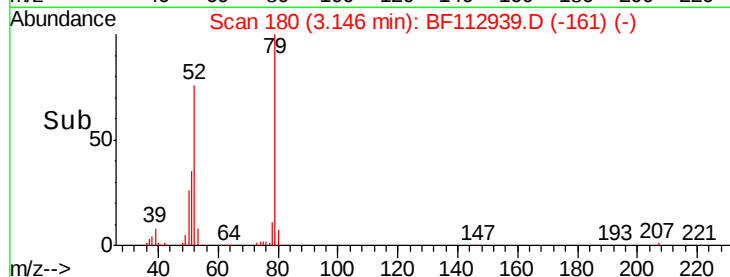
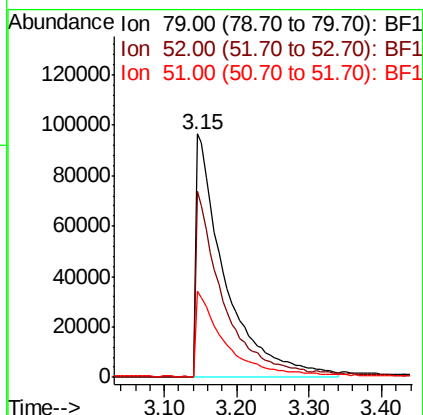
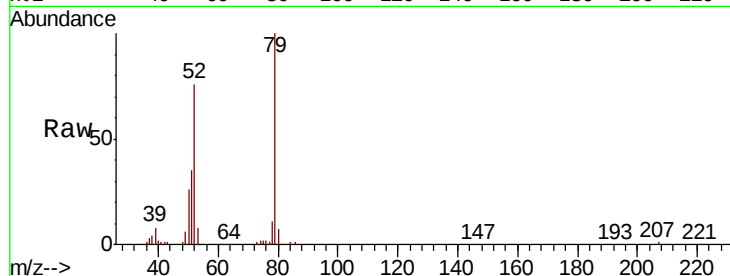




#3
 Pvridine
 Concen: 16.159 ng
 RT: 3.15 min Scan# 180
 Delta R.T. 0.01 min
 Lab File: BF112939.D
 Acq: 8 Mar 2019 12:56

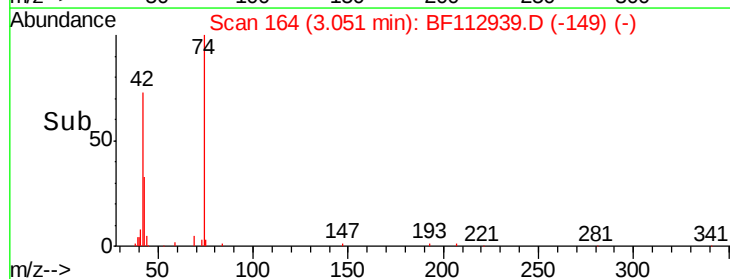
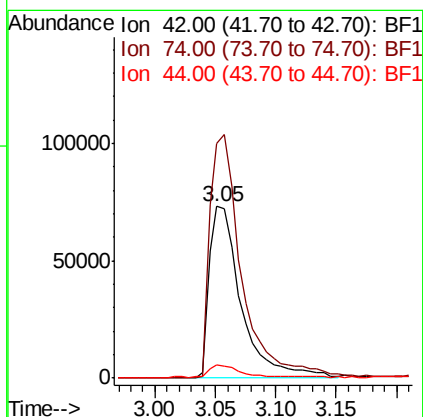
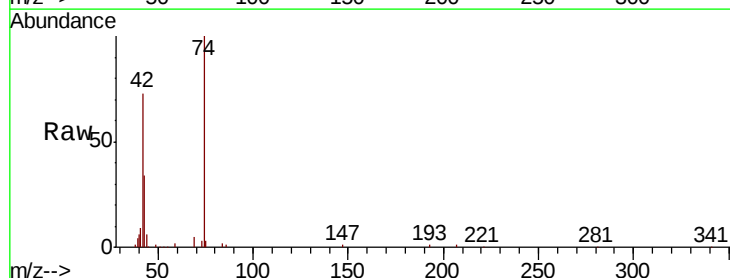
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 79 Resp: 269658
 Ion Ratio Lower Upper
 79 100
 52 76.5 60.5 90.7
 51 35.5 28.8 43.2



#4
 n-Nitrosodimethylamine
 Concen: 18.340 ng
 RT: 3.05 min Scan# 164
 Delta R.T. -0.01 min
 Lab File: BF112939.D
 Acq: 8 Mar 2019 12:56

Tgt Ion: 42 Resp: 133885
 Ion Ratio Lower Upper
 42 100
 74 136.7 105.8 158.8
 44 7.7 6.2 9.2





#5

2-Fluorophenol

Concen: 64.974 ng

RT: 5.34 min Scan# 553

Delta R.T. -0.01 min

Lab File: BF112939.D

Acq: 8 Mar 2019 12:56

Instrument :
BNA_F
ClientSampleId :

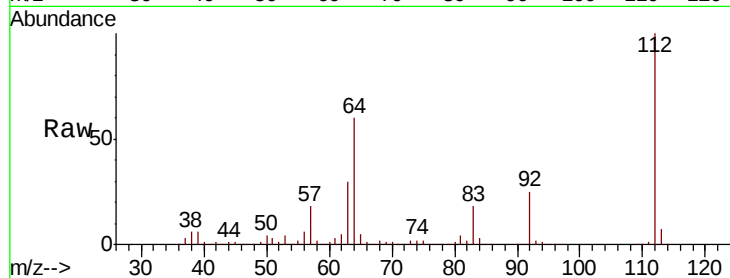
Tot Ion: 112 Resp: 808523

Ion Ratio Lower Upper

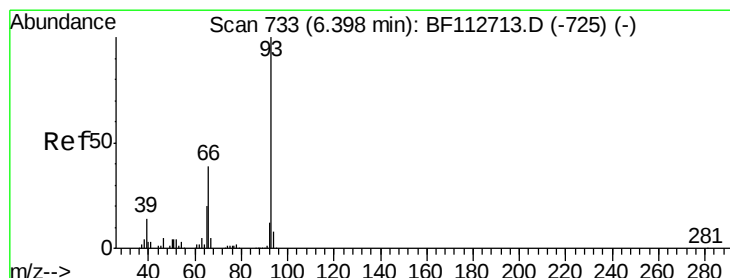
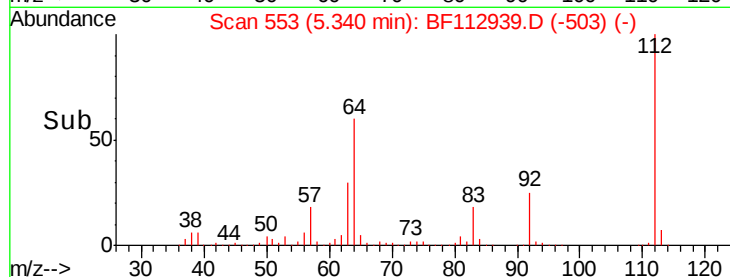
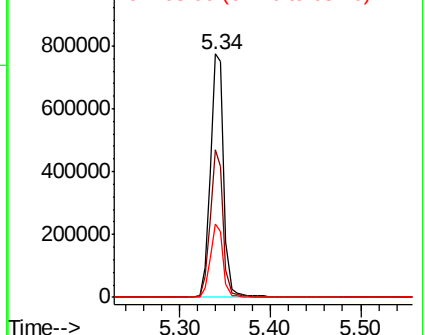
112 100

64 60.5 47.6 71.4

63 30.3 24.4 36.6



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: 18.732 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF112939.D

Acq: 8 Mar 2019 12:56

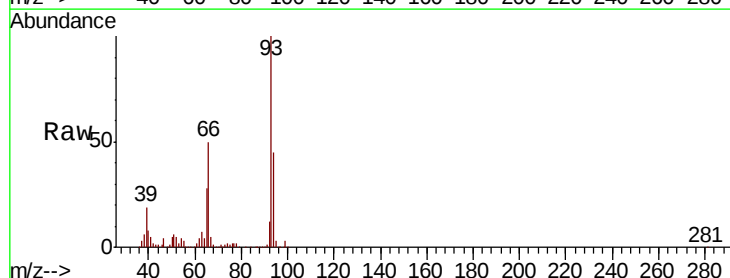
Tgt Ion: 93 Resp: 403048

Ion Ratio Lower Upper

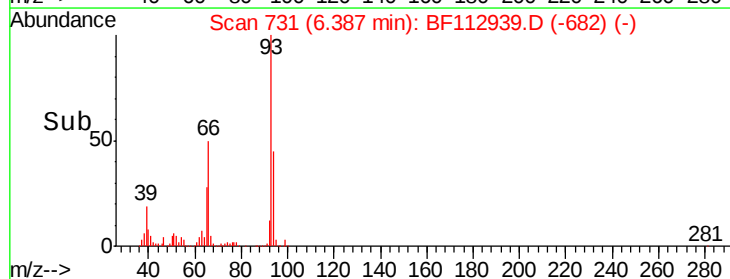
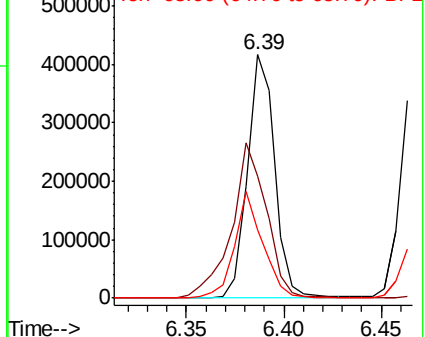
93 100

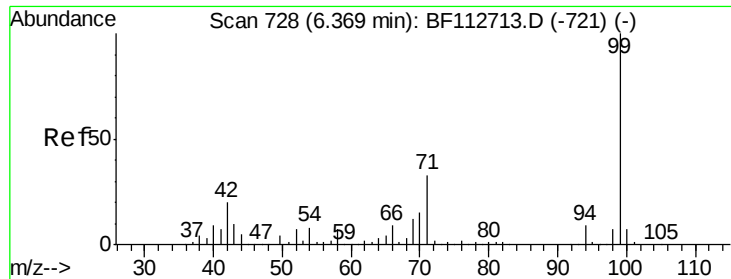
66 50.3 32.2 48.2#

65 27.8 16.2 24.4#



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: 67.200 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF112939.D

Acq: 8 Mar 2019 12:56

Instrument :

BNA_F

ClientSampled :

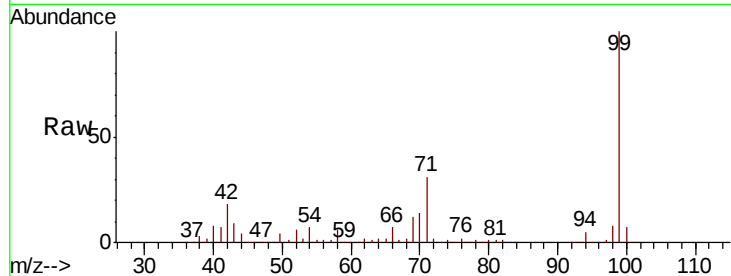
Tot Ion: 99 Resp: 1050429

Ion Ratio Lower Upper

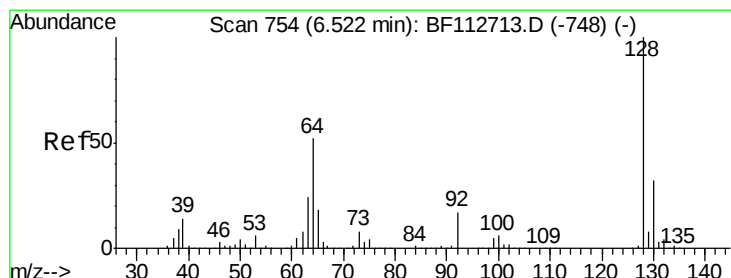
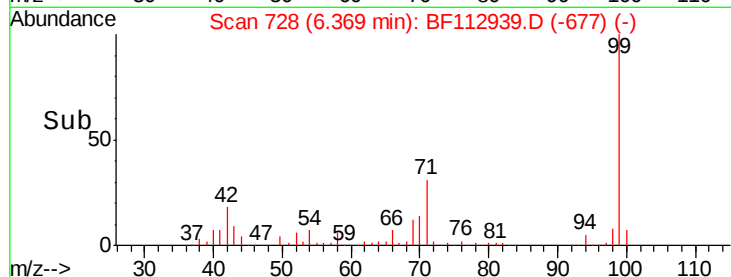
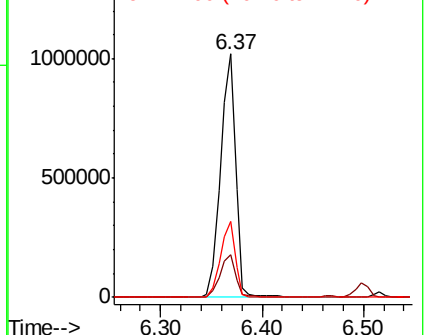
99 100

42 17.8 16.3 24.5

71 31.0 26.2 39.4



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: 22.151 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF112939.D

Acq: 8 Mar 2019 12:56

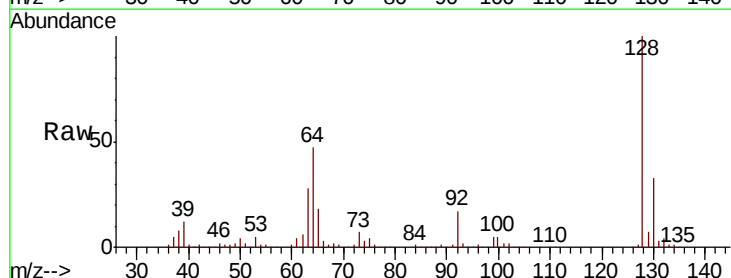
Tgt Ion:128 Resp: 306842

Ion Ratio Lower Upper

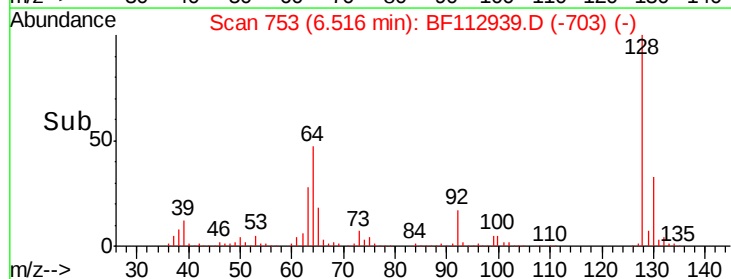
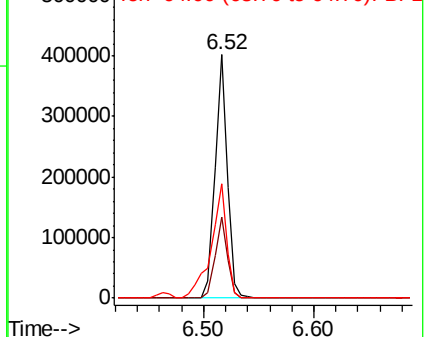
128 100

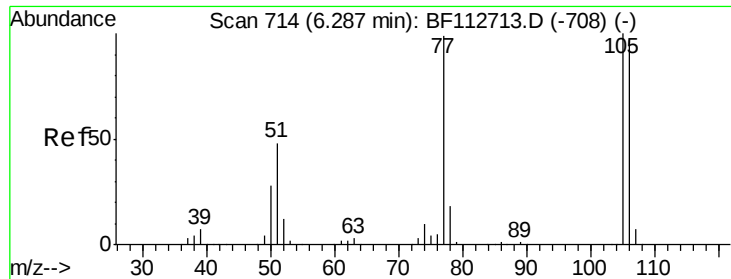
130 33.2 12.4 52.4

64 47.1 32.2 72.2



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: 14.533 ng

RT: 6.27 min Scan# 712

Delta R.T. -0.01 min

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ClientSampleId :

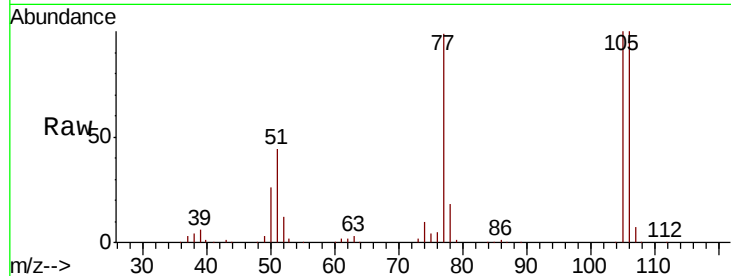
Tot Ion: 77 Resp: 163686

Ion Ratio Lower Upper

77 100

105 100.6 81.4 121.4

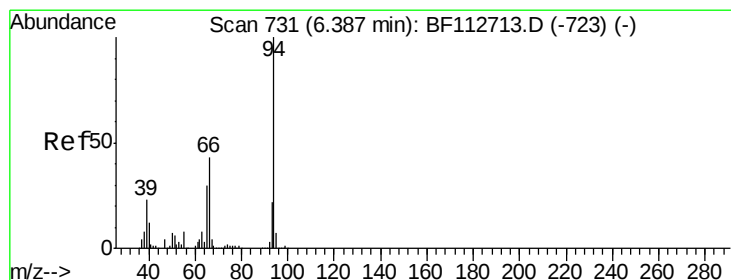
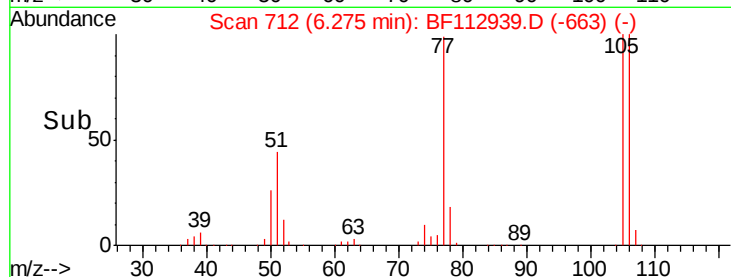
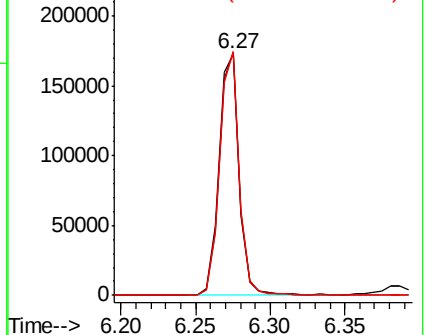
106 100.7 78.3 118.3



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: 22.490 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF112939.D

Acq: 8 Mar 2019 12:56

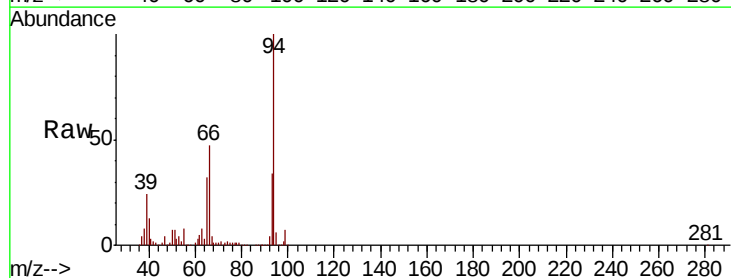
Tgt Ion: 94 Resp: 410233

Ion Ratio Lower Upper

94 100

65 32.3 10.5 50.5

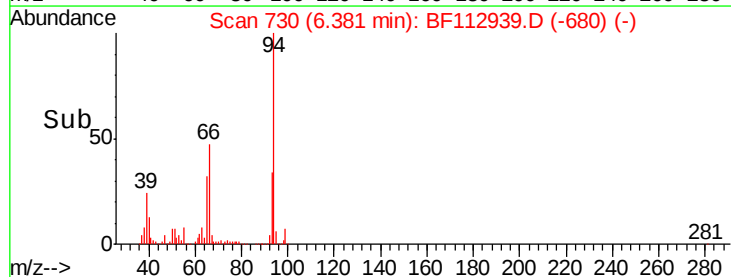
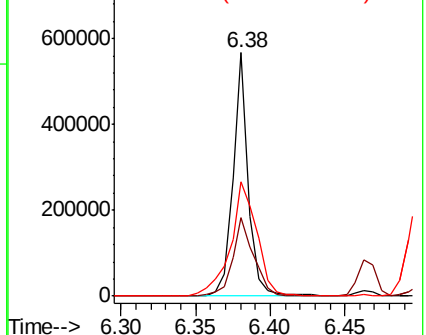
66 46.9 22.6 62.6



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: 20.931 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF112939.D

Acq: 8 Mar 2019 12:56

Instrument :

BNA_F

ClientSampleId :

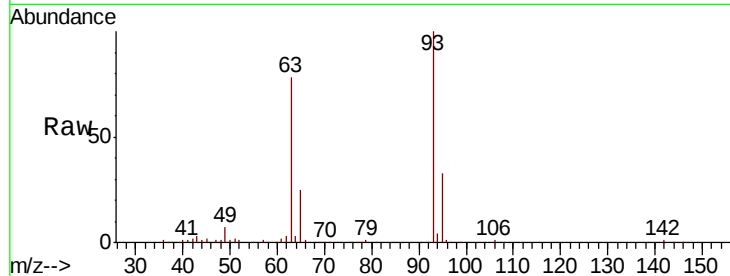
Tot Ion: 93 Resp: 293053

Ion Ratio Lower Upper

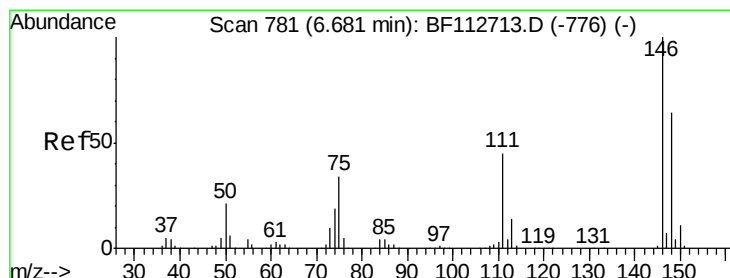
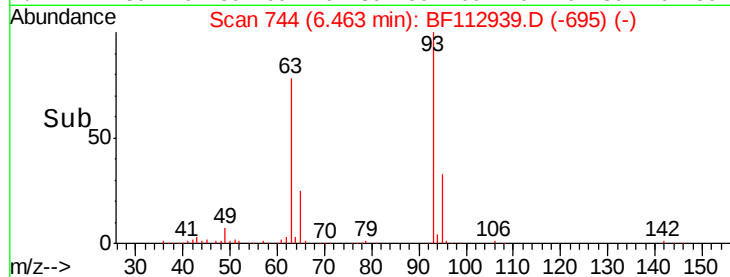
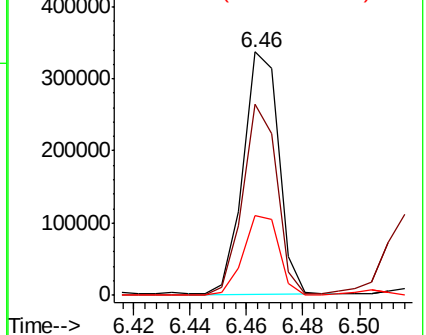
93 100

63 78.3 60.5 100.5

95 32.6 12.1 52.1



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



#12

1,3-Dichlorobenzene

Concen: 22.927 ng

RT: 6.67 min Scan# 779

Delta R.T. -0.01 min

Lab File: BF112939.D

Acq: 8 Mar 2019 12:56

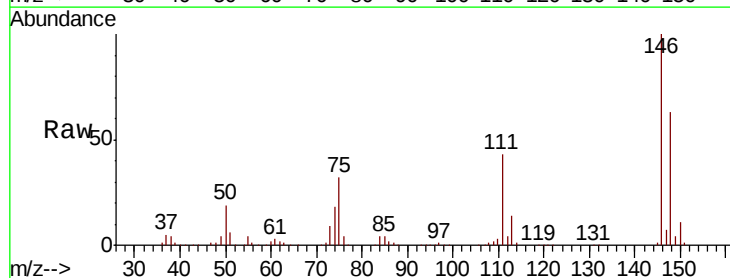
Tgt Ion: 146 Resp: 328076

Ion Ratio Lower Upper

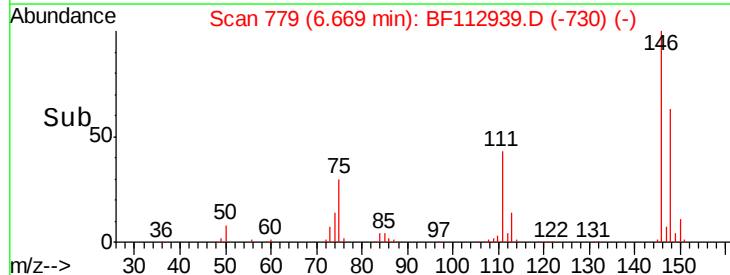
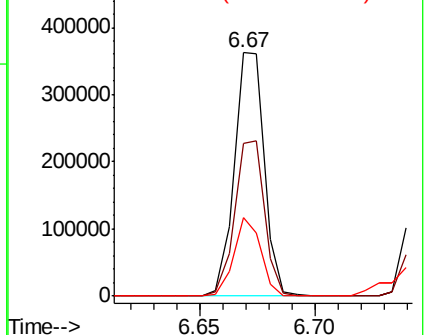
146 100

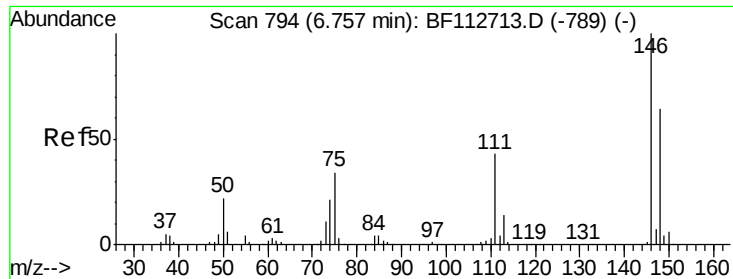
148 62.5 50.9 76.3

75 32.0 26.9 40.3



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

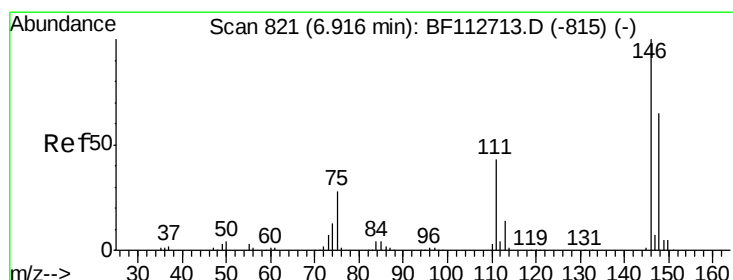
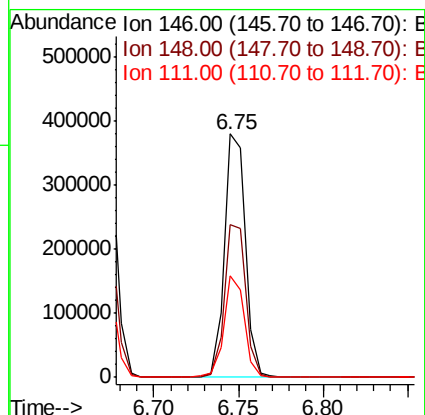
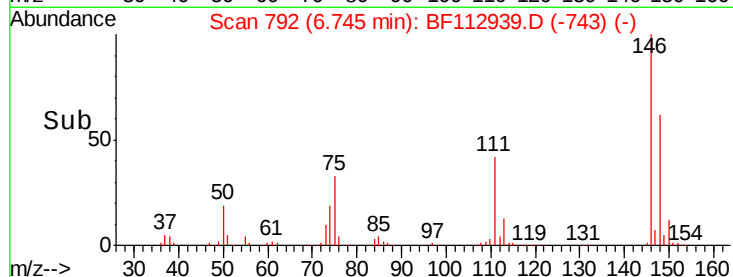
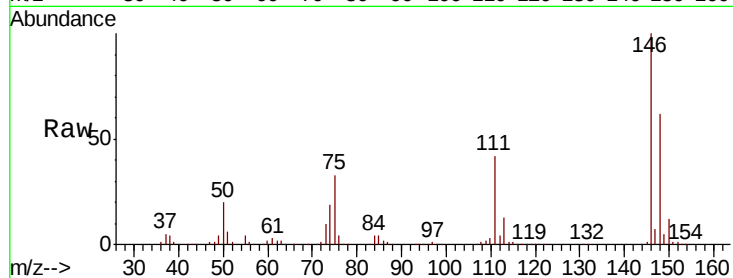




#13
 1,4-Dichlorobenzene
 Concen: 22.966 ng
 RT: 6.75 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF112939.D
 Acq: 8 Mar 2019 12:56

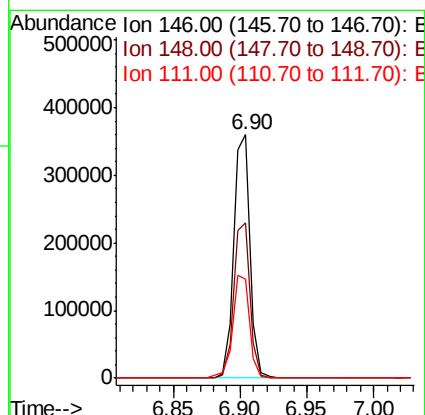
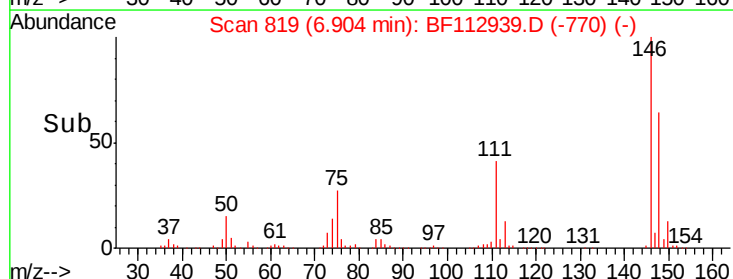
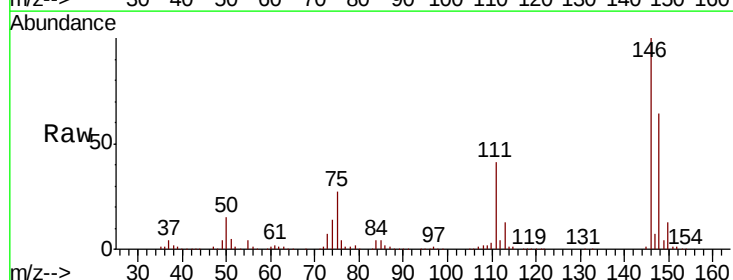
Instrument :
 BNA_F
 ClientSampled :

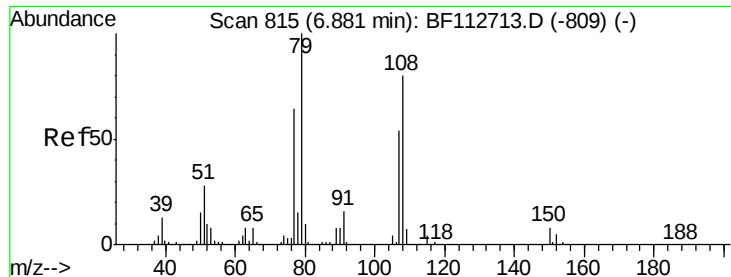
Tot Ion:146 Resp: 329566
 Ion Ratio Lower Upper
 146 100
 148 62.5 51.0 76.4
 111 41.7 34.5 51.7



#14
 1,2-Dichlorobenzene
 Concen: 23.649 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF112939.D
 Acq: 8 Mar 2019 12:56

Tgt Ion:146 Resp: 311103
 Ion Ratio Lower Upper
 146 100
 148 63.7 52.0 78.0
 111 40.6 34.8 52.2





#15

Benzyl Alcohol

Concen: 22.608 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF112939.D

Acq: 8 Mar 2019 12:56

Instrument :

BNA_F

ClientSampleId :

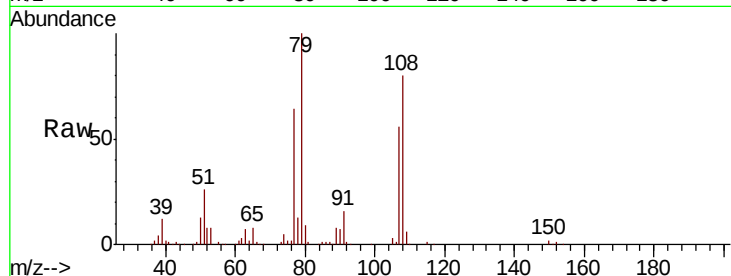
Tot Ion: 79 Resp: 269472

Ion Ratio Lower Upper

79 100

108 80.2 64.2 96.4

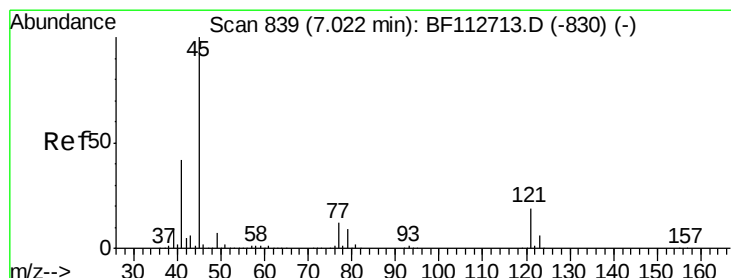
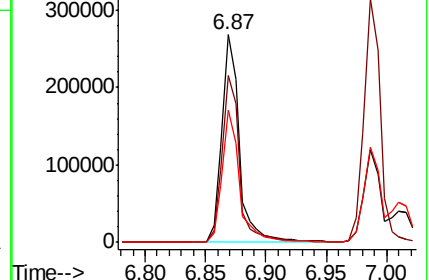
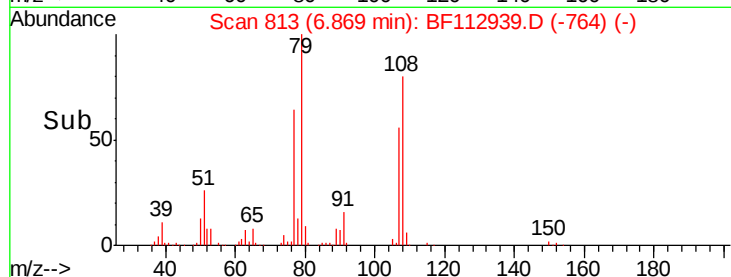
77 63.7 51.1 76.7



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 20.625 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF112939.D

Acq: 8 Mar 2019 12:56

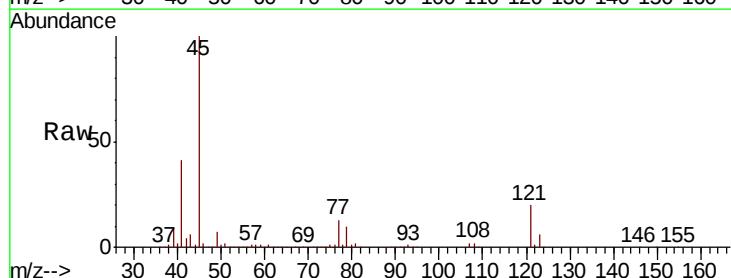
Tgt Ion: 45 Resp: 481890

Ion Ratio Lower Upper

45 100

77 13.1 0.0 32.1

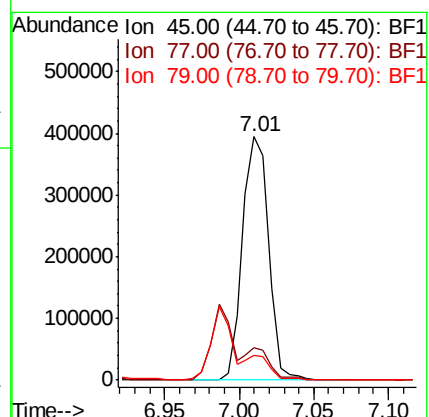
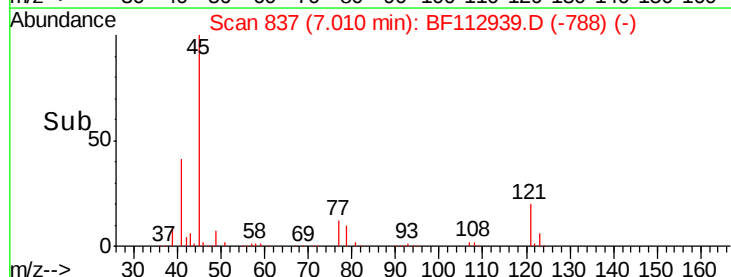
79 10.1 0.0 29.4

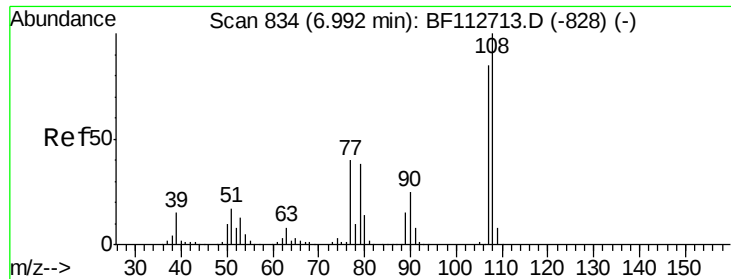


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 22.708 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF112939.D

Acq: 8 Mar 2019 12:56

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 255187

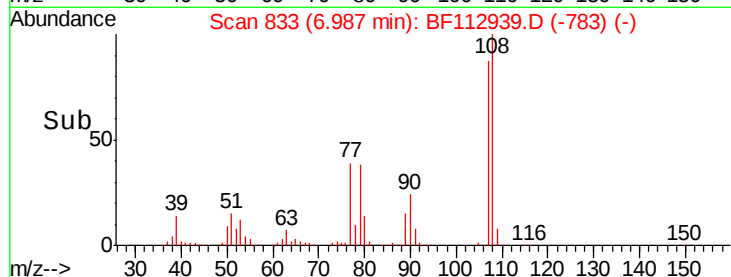
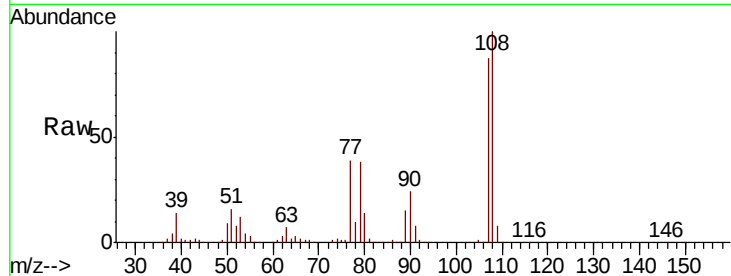
Ion Ratio Lower Upper

107 100

108 114.9 94.6 142.0

77 45.1 37.8 56.8

79 43.5 36.2 54.2

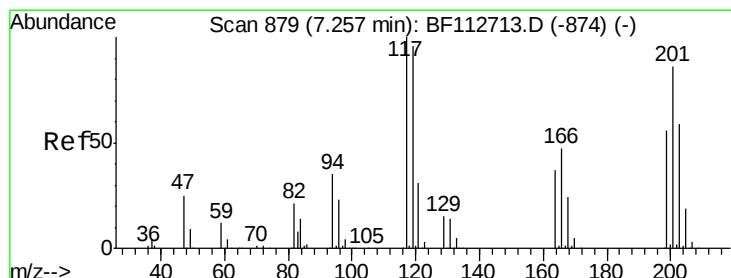
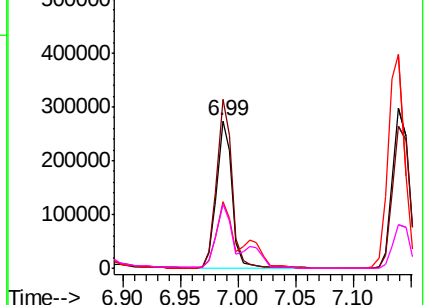


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 21.398 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF112939.D

Acq: 8 Mar 2019 12:56

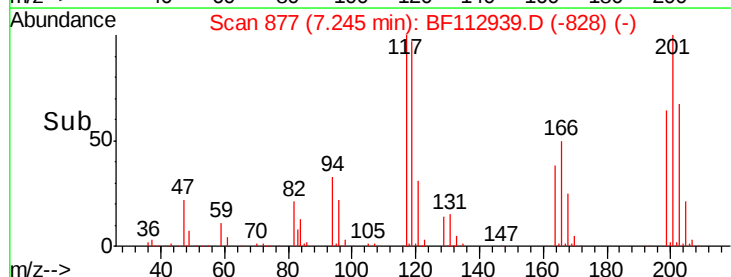
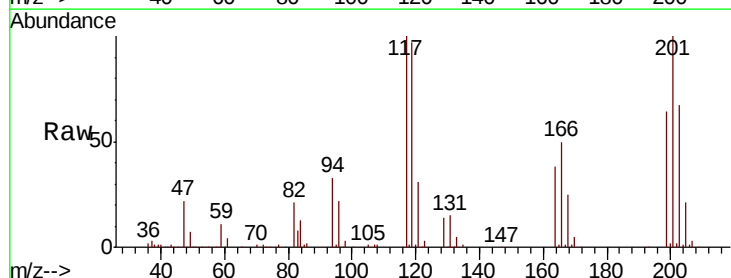
Tgt Ion:117 Resp: 117625

Ion Ratio Lower Upper

117 100

119 97.1 76.6 115.0

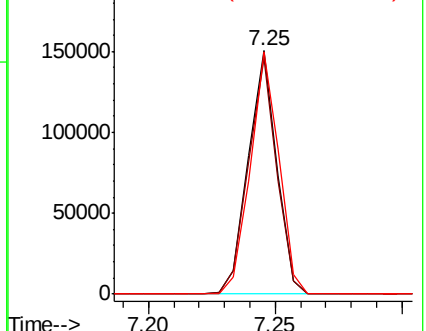
201 99.5 68.9 103.3

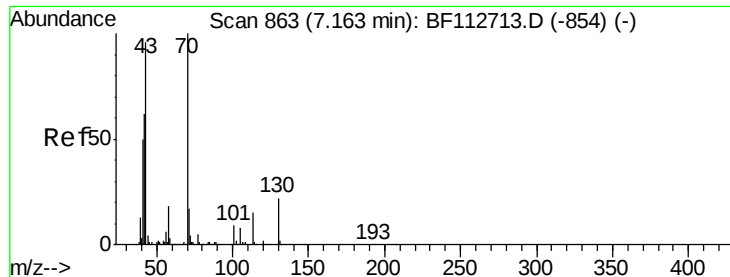


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

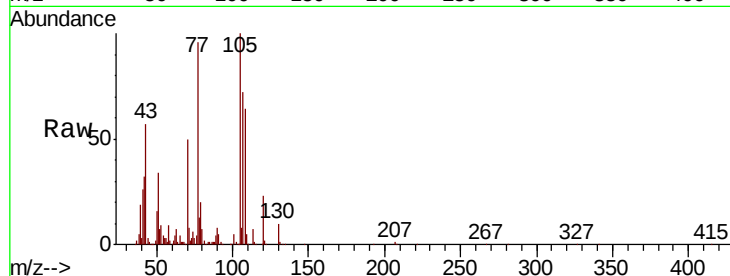




#19
n-Nitroso-di-n-propylamine
Concen: 20.912 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.02 min
Lab File: BF112939.D
Acq: 8 Mar 2019 12:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	207032
Ion	Ratio	Lower	Upper
70	100		
42	63.9	49.9	74.9
101	10.0	7.4	11.2
130	20.7	17.4	26.2



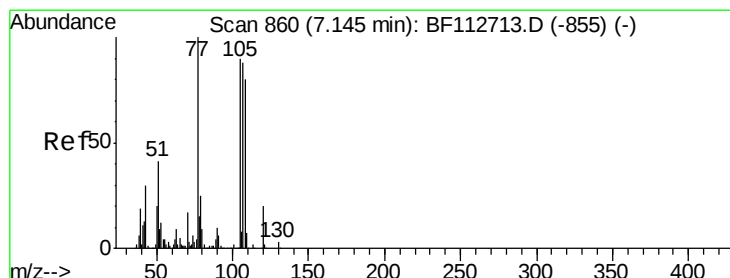
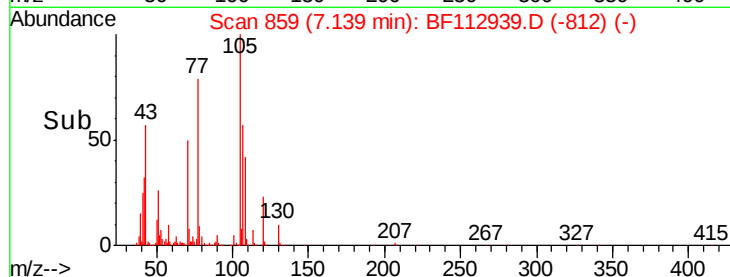
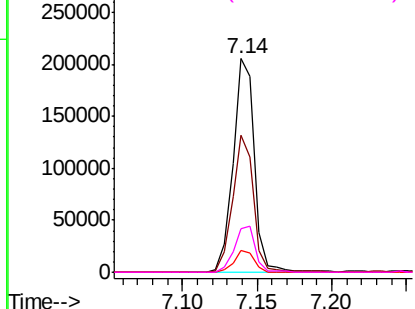
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

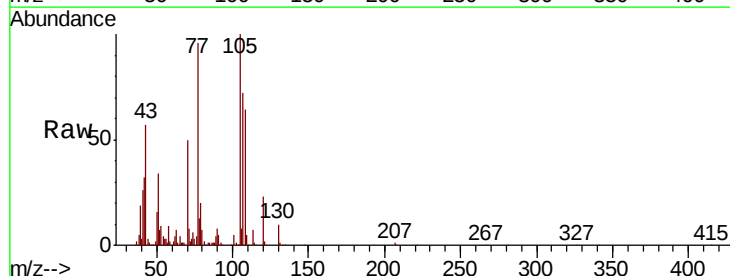
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 24.100 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF112939.D
Acq: 8 Mar 2019 12:56

Tgt Ion:	107	Resp:	305757
Ion	Ratio	Lower	Upper
107	100		
108	88.7	71.4	111.4
77	133.3	94.1	134.1
79	27.1	8.6	48.6



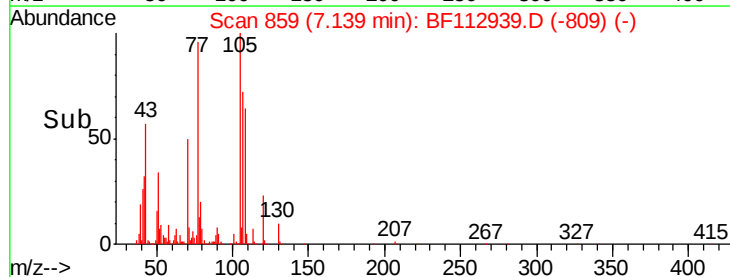
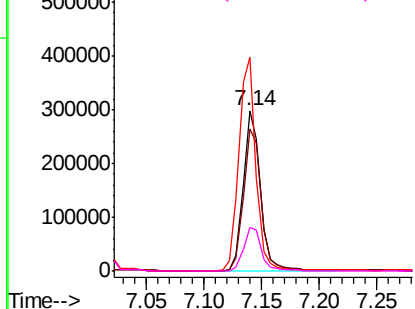
Abundance

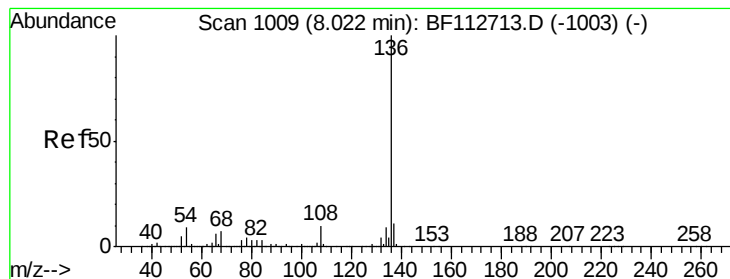
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF112939.D

Acq: 8 Mar 2019 12:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 741569

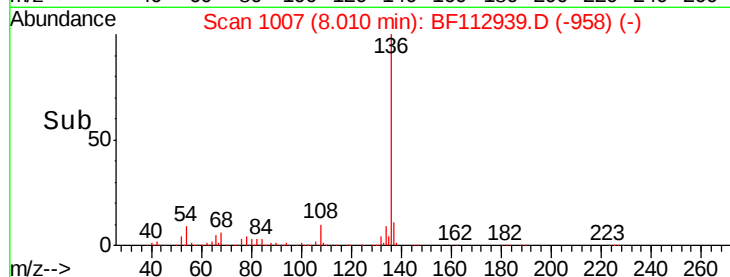
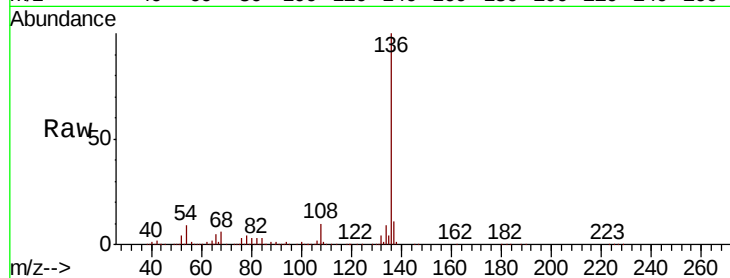
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 8.7 7.3 10.9

68 6.3 5.4 8.2

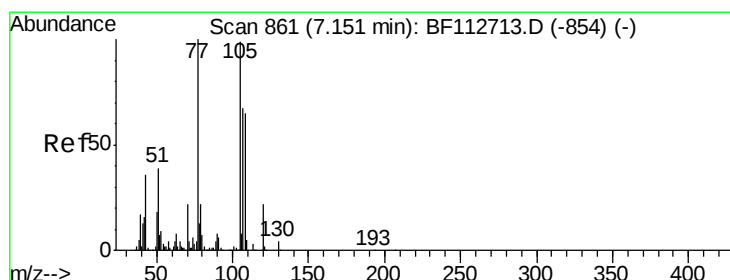
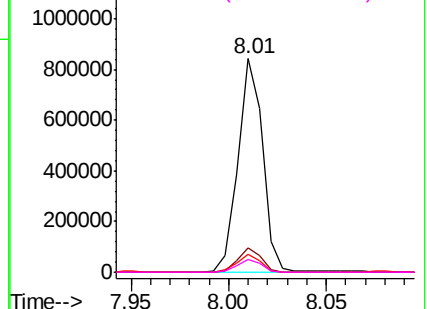


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 24.075 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF112939.D

Acq: 8 Mar 2019 12:56

Tgt Ion:105 Resp: 417450

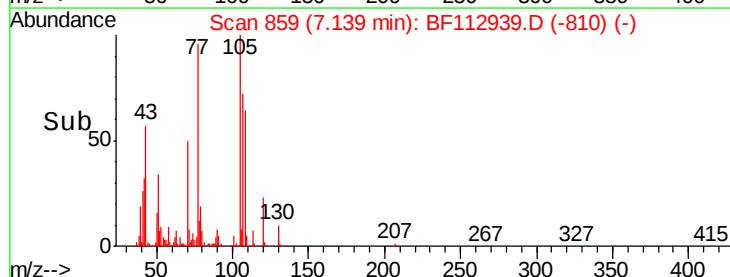
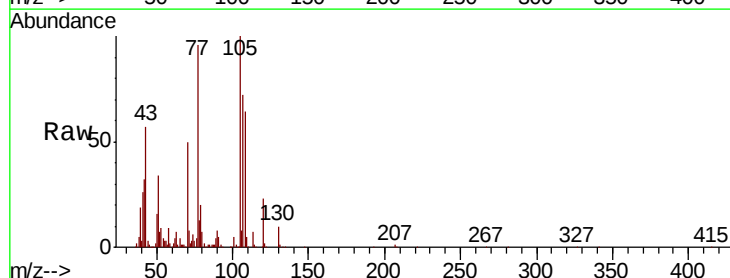
Ion Ratio Lower Upper

105 100

71 8.3 3.0 4.4#

51 33.8 31.5 47.3

120 23.0 18.1 27.1

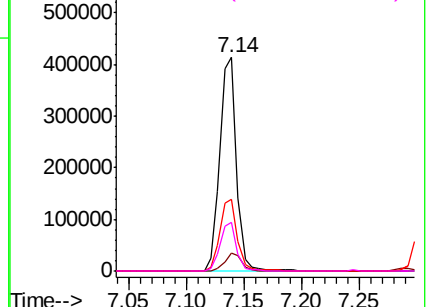


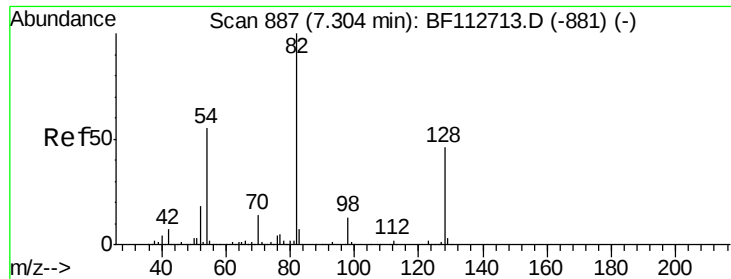
Abundance Ion 105.00 (104.70 to 105.70): E

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

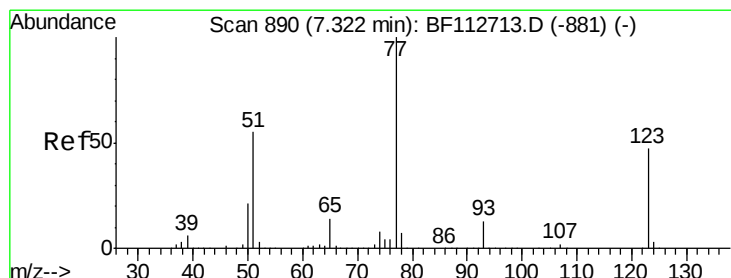
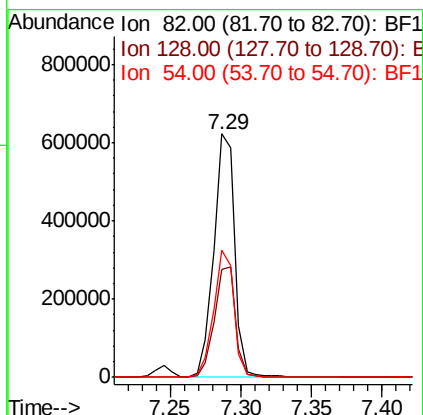
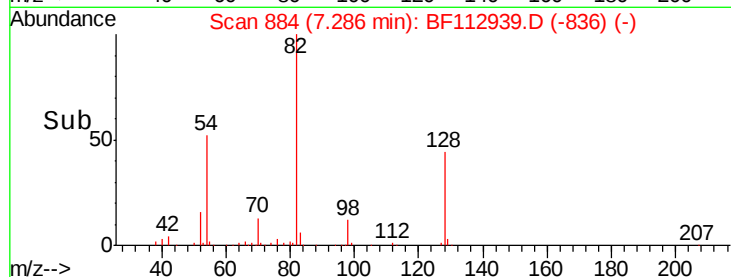
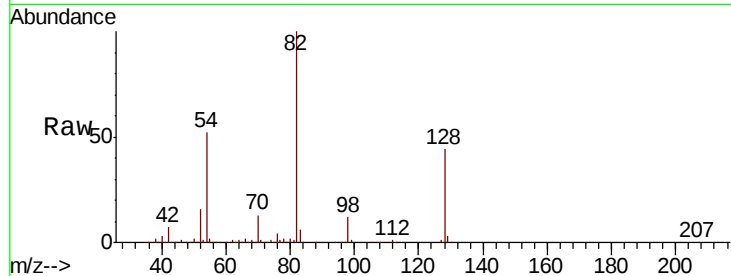




#23
 Nitrobenzene-d5
 Concen: 51.498 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.02 min
 Lab File: BF112939.D
 Acq: 8 Mar 2019 12:56

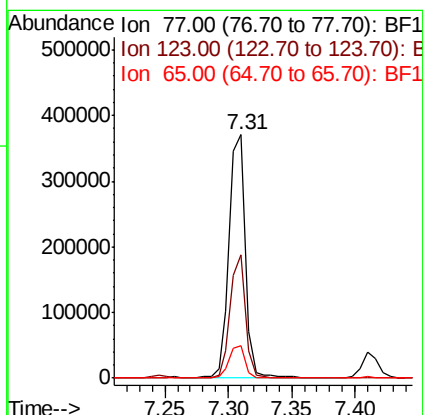
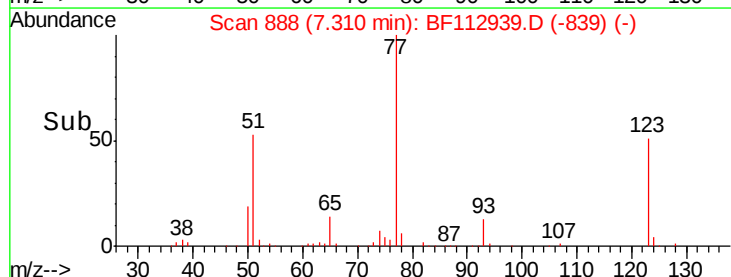
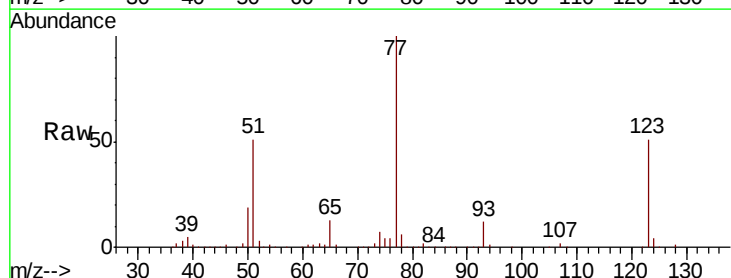
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 638208
 Ion Ratio Lower Upper
 82 100
 128 44.2 36.3 54.5
 54 52.0 43.7 65.5



#24
 Nitrobenzene
 Concen: 23.808 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF112939.D
 Acq: 8 Mar 2019 12:56

Tgt Ion: 77 Resp: 328390
 Ion Ratio Lower Upper
 77 100
 123 50.6 37.8 56.6
 65 13.1 11.1 16.7





#25

Isophorone

Concen: 22.328 ng

RT: 7.55 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF112939.D

Acq: 8 Mar 2019 12:56

Instrument :

BNA_F

ClientSampleId :

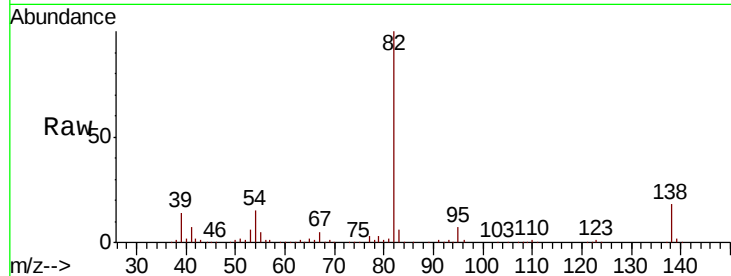
Tot Ion: 82 Resp: 596136

Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

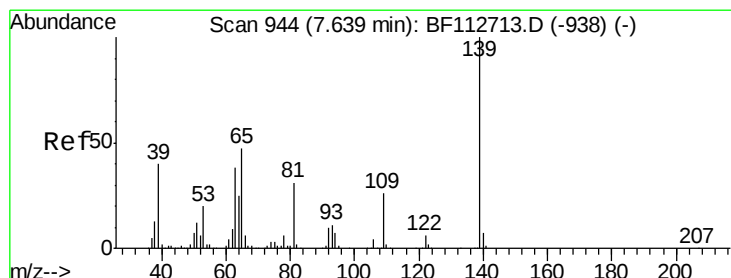
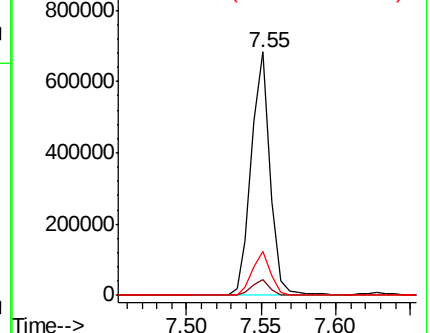
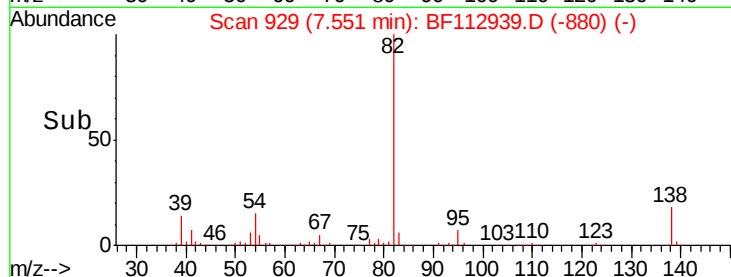
138 18.0 13.8 20.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 28.807 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF112939.D

Acq: 8 Mar 2019 12:56

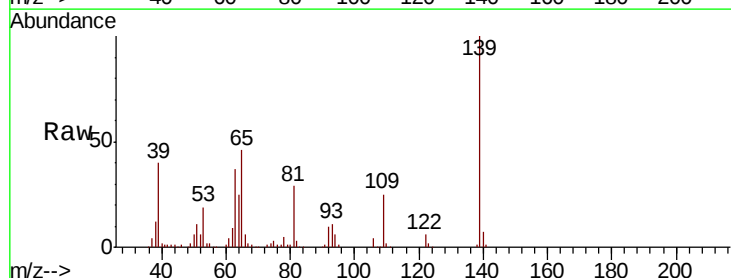
Tgt Ion: 139 Resp: 165405

Ion Ratio Lower Upper

139 100

109 24.9 20.6 31.0

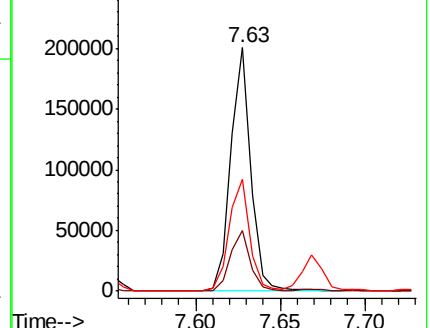
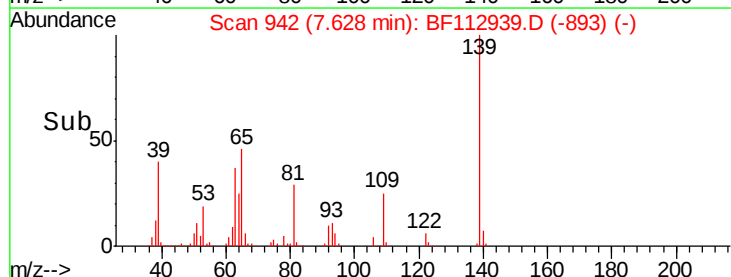
65 45.7 37.9 56.9

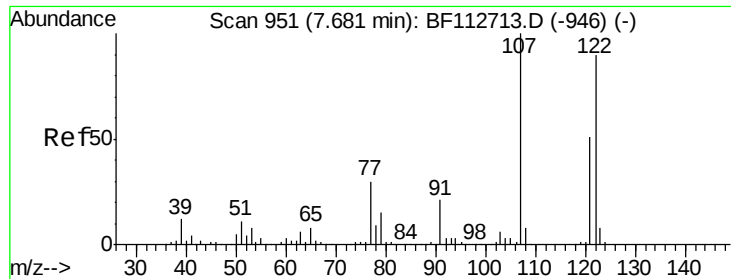


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

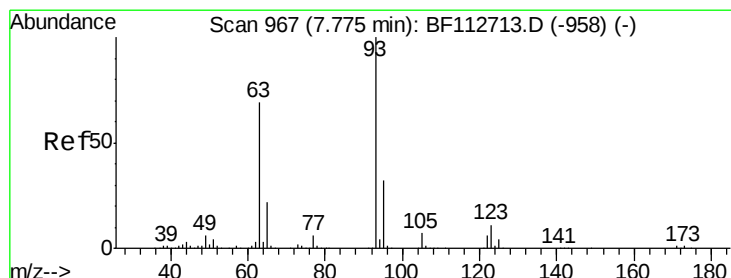
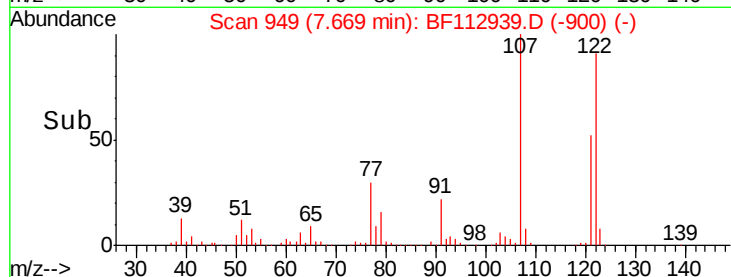
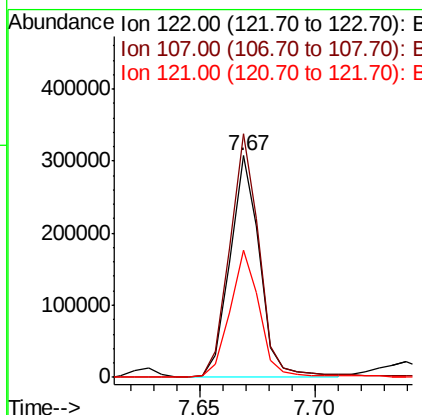
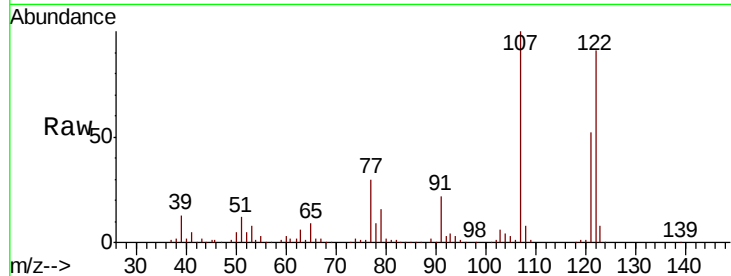




#27
 2,4-Dimethylphenol
 Concen: 25.764 ng
 RT: 7.67 min Scan# 949
 Delta R.T. -0.01 min
 Lab File: BF112939.D
 Acq: 8 Mar 2019 12:56

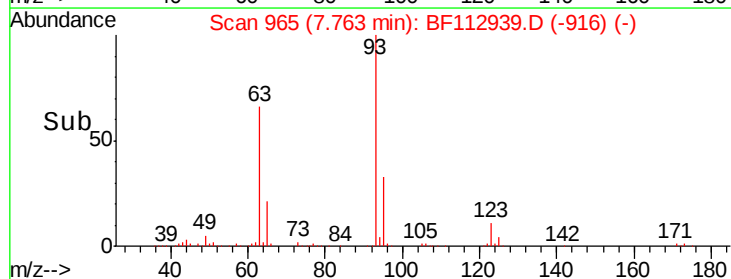
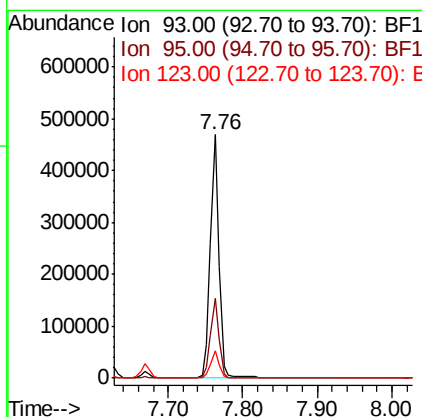
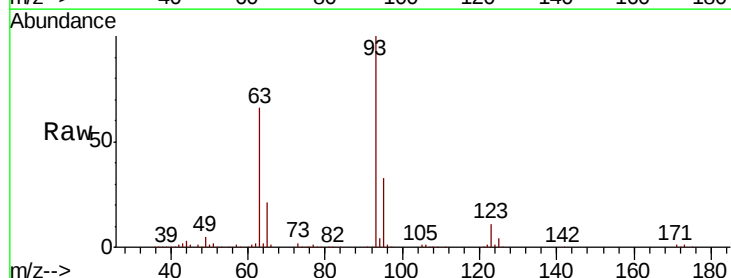
Instrument :
 BNA_F
 ClientSampled :

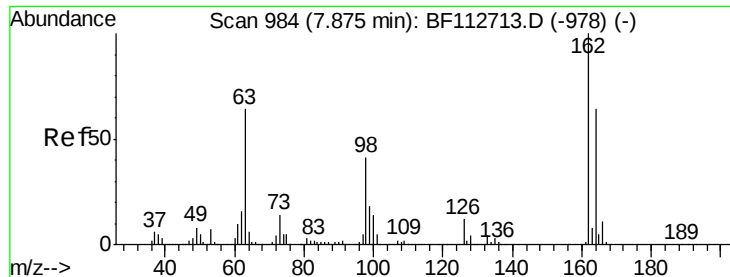
Tot Ion:122 Resp: 275219
 Ion Ratio Lower Upper
 122 100
 107 109.9 89.4 134.0
 121 57.1 45.5 68.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 22.809 ng
 RT: 7.76 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: BF112939.D
 Acq: 8 Mar 2019 12:56

Tgt Ion: 93 Resp: 380734
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.0 39.0
 123 11.2 9.3 13.9





#29

2,4-Dichlorophenol

Concen: 25.723 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF112939.D

Acq: 8 Mar 2019 12:56

Instrument :

BNA_F

ClientSampleId :

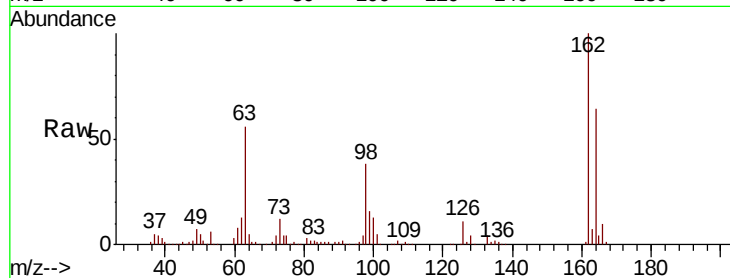
Tot Ion:162 Resp: 266466

Ion Ratio Lower Upper

162 100

164 63.5 44.0 84.0

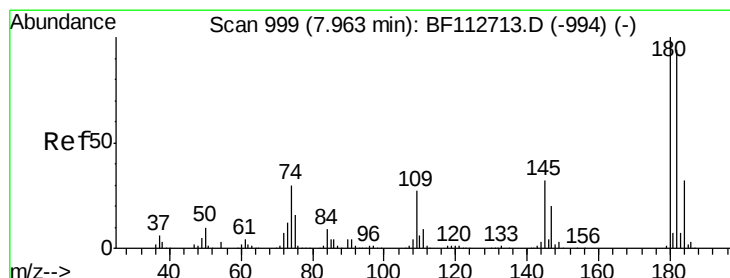
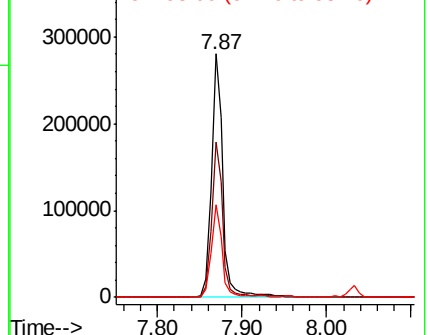
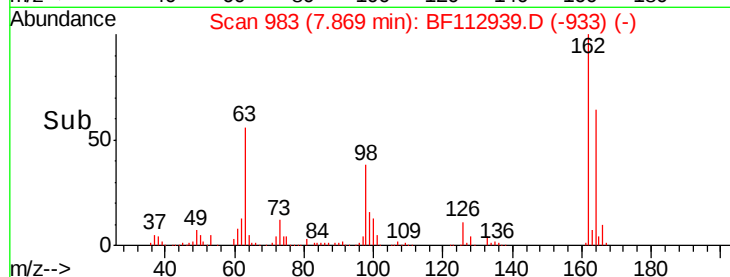
98 38.2 20.7 60.7



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: 25.167 ng

RT: 7.96 min Scan# 998

Delta R.T. -0.01 min

Lab File: BF112939.D

Acq: 8 Mar 2019 12:56

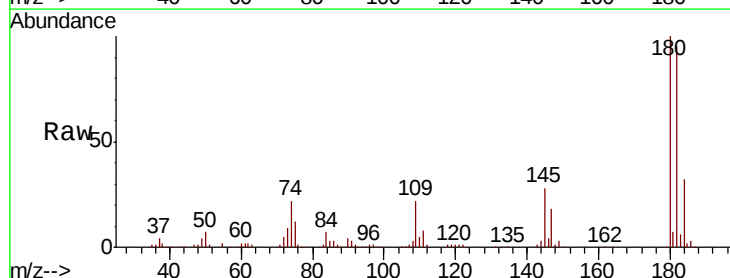
Tgt Ion:180 Resp: 280121

Ion Ratio Lower Upper

180 100

182 94.6 75.2 112.8

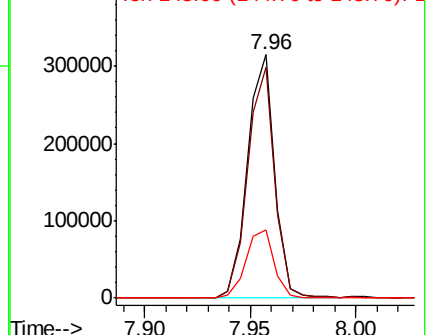
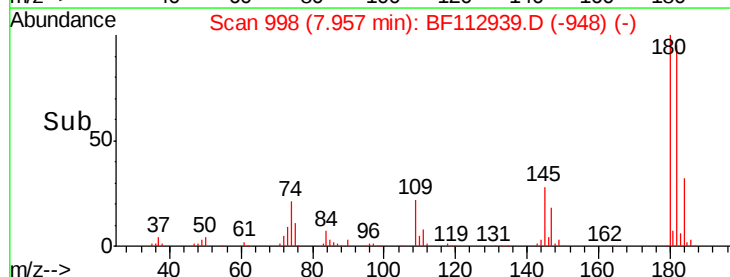
145 28.3 25.4 38.0

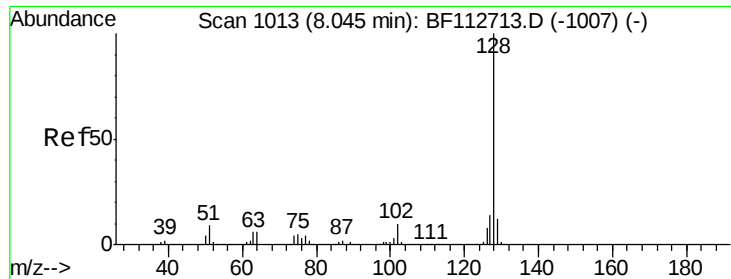


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

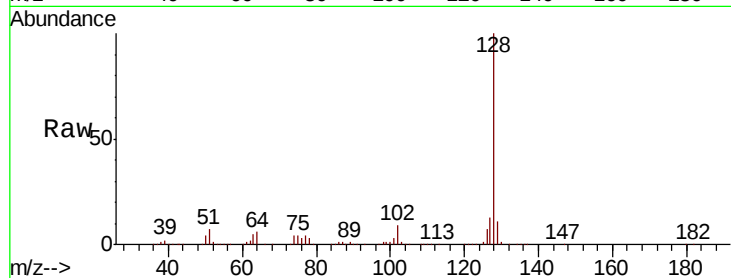




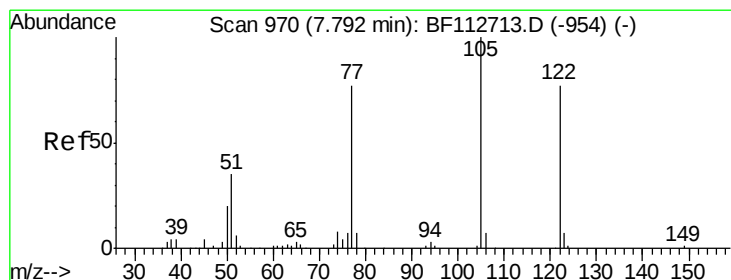
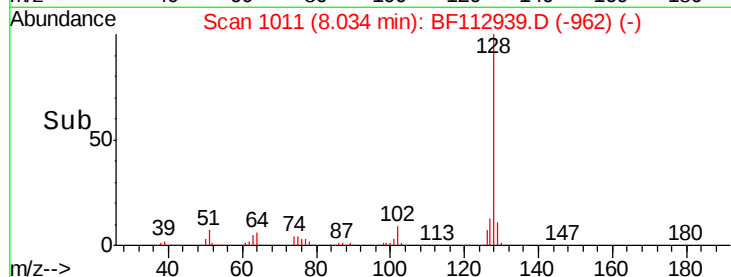
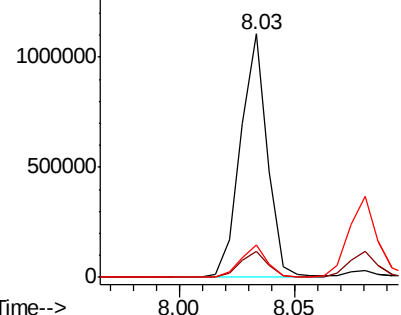
#31
Naphthalene
Concen: 24.367 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF112939.D
Acq: 8 Mar 2019 12:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 897122
Ion Ratio Lower Upper
128 100
129 10.9 9.3 13.9
127 13.3 10.9 16.3

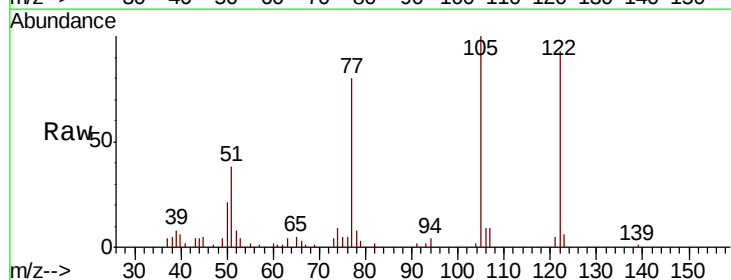


Abundance Ion 128.00 (127.70 to 128.70): E
1500000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

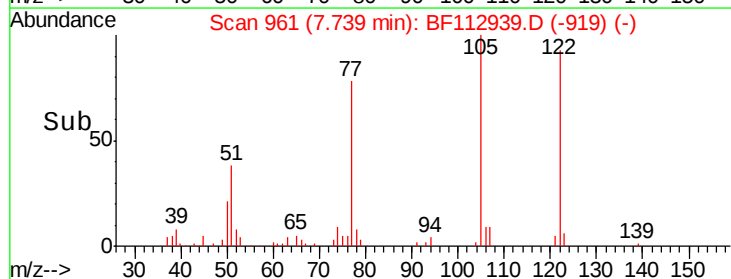
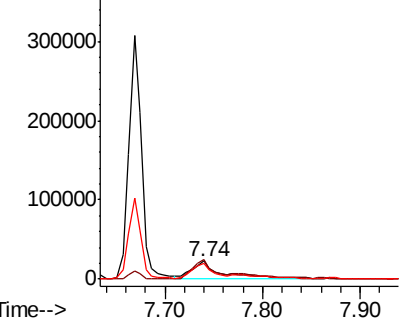


#32
Benzoic acid
Concen: 6.207 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.05 min
Lab File: BF112939.D
Acq: 8 Mar 2019 12:56

Tgt Ion:122 Resp: 46475
Ion Ratio Lower Upper
122 100
105 108.0 106.8 146.8
77 86.8 79.4 119.4



Abundance Ion 122.00 (121.70 to 122.70): E
400000 Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

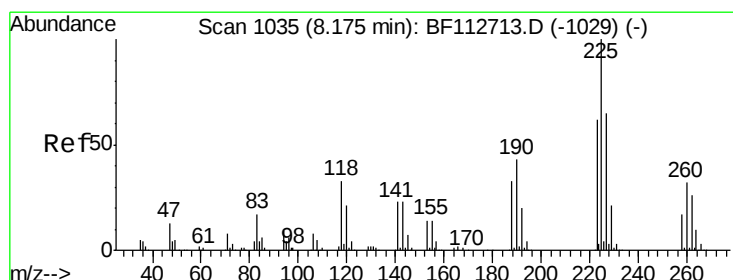
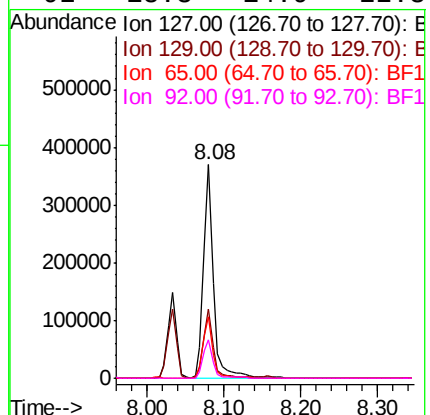
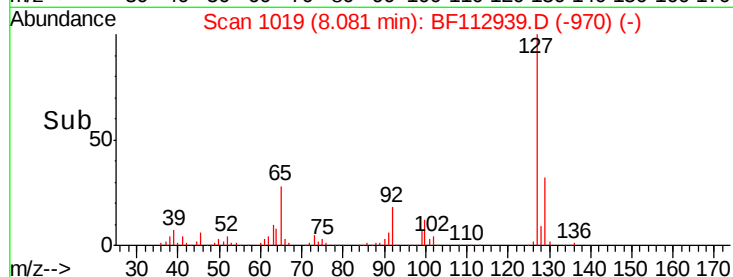
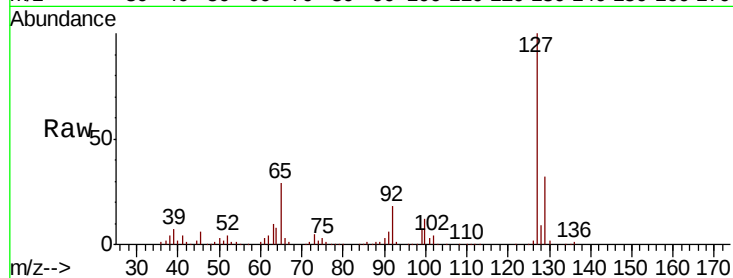




#33
4-Chloroaniline
Concen: 21.858 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF112939.D
Acq: 8 Mar 2019 12:56

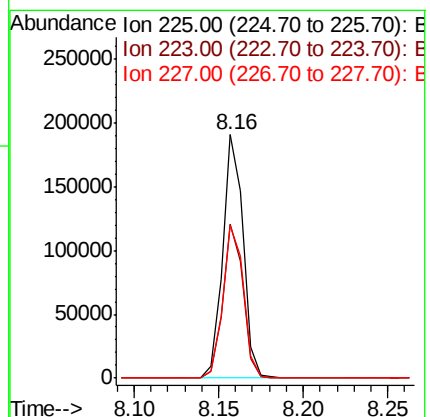
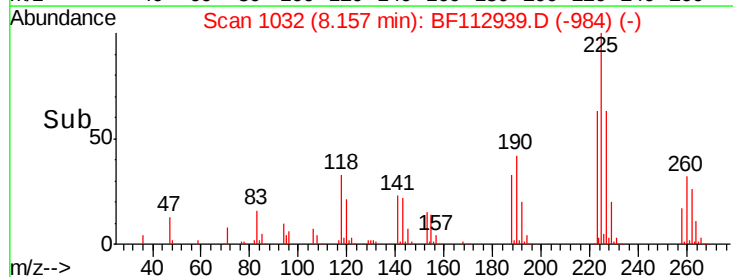
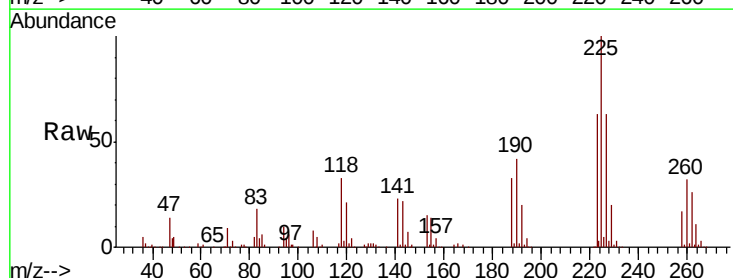
Instrument :
BNA_F
ClientSampled :

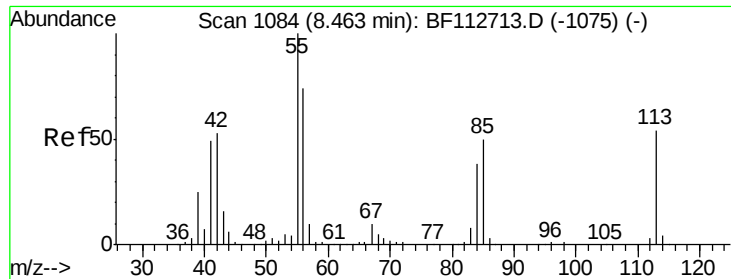
Tot Ion:	127	Resp:	340857
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.4	39.6
65	28.7	23.1	34.7
92	18.3	14.9	22.3



#34
Hexachlorobutadiene
Concen: 25.556 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF112939.D
Acq: 8 Mar 2019 12:56

Tgt Ion:	225	Resp:	160424
Ion	Ratio	Lower	Upper
225	100		
223	63.3	49.7	74.5
227	62.8	52.1	78.1

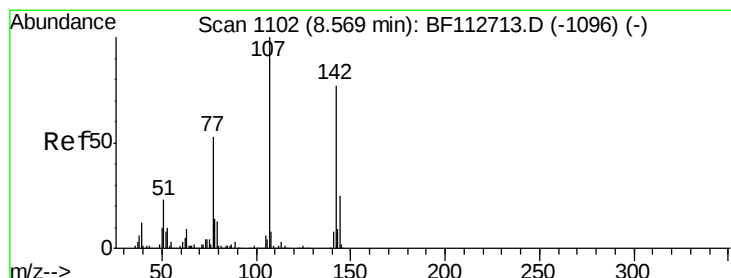
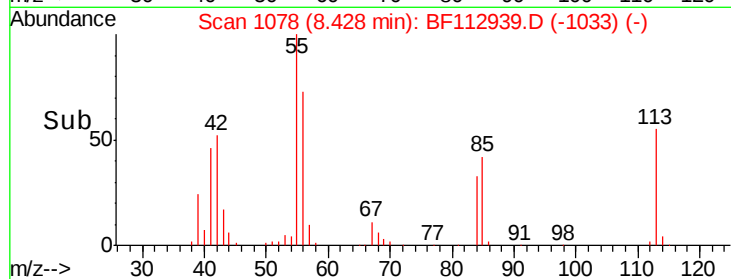
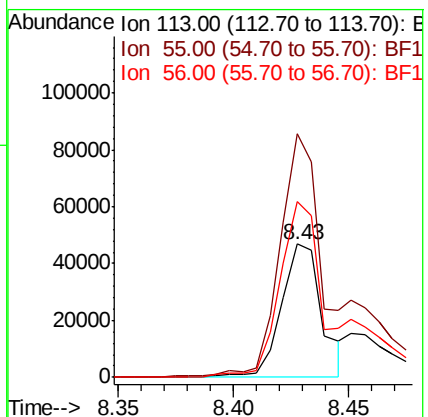
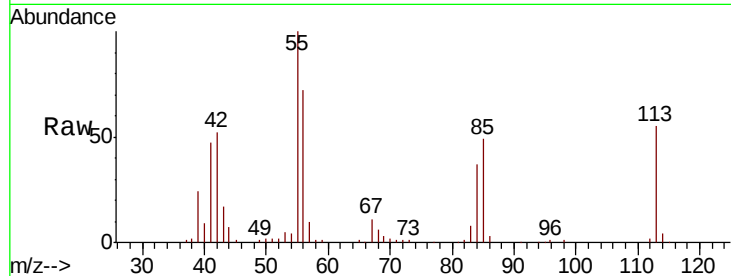




#35
 Caprolactam
 Concen: 15.545 ng
 RT: 8.43 min Scan# 1078
 Delta R.T. -0.04 min
 Lab File: BF112939.D
 Acq: 8 Mar 2019 12:56

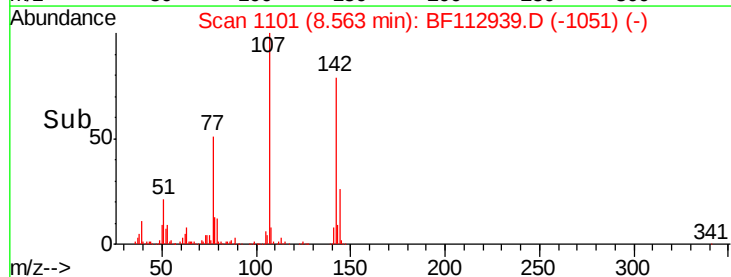
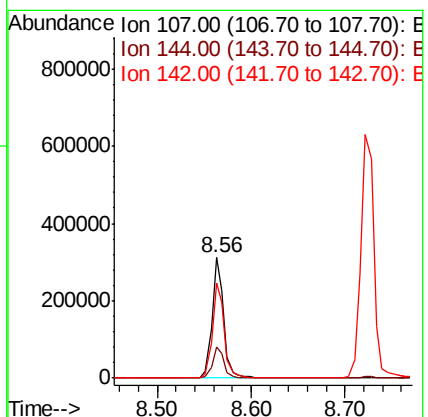
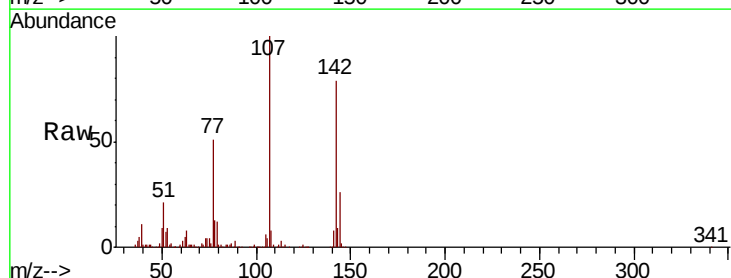
Instrument :
 BNA_F
 ClientSampled :

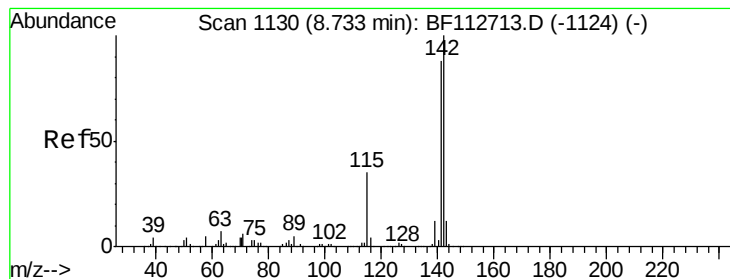
Tot Ion:113 Resp: 56716
 Ion Ratio Lower Upper
 113 100
 55 182.8 163.5 203.5
 56 132.3 115.3 155.3



#36
 4-Chloro-3-methylphenol
 Concen: 24.071 ng
 RT: 8.56 min Scan# 1101
 Delta R.T. -0.01 min
 Lab File: BF112939.D
 Acq: 8 Mar 2019 12:56

Tgt Ion:107 Resp: 275961
 Ion Ratio Lower Upper
 107 100
 144 25.5 20.1 30.1
 142 78.7 61.9 92.9





#37

2-Methylnaphthalene

Concen: 25.596 ng

RT: 8.72 min Scan# 1128

Delta R.T. -0.01 min

Lab File: BF112939.D

Acq: 8 Mar 2019 12:56

Instrument :

BNA_F

ClientSampled :

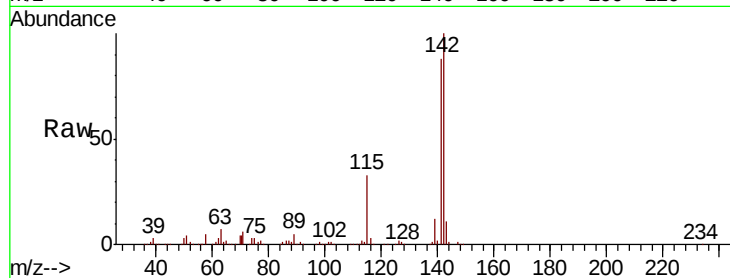
Tot Ion:142 Resp: 608579

Ion Ratio Lower Upper

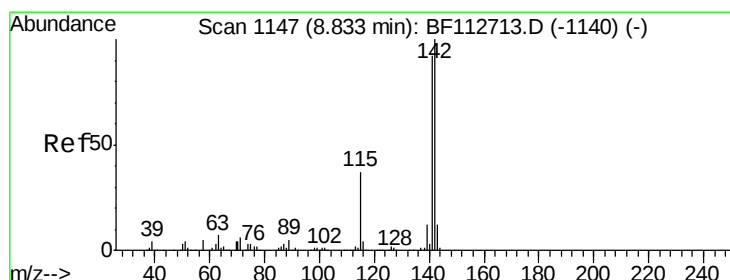
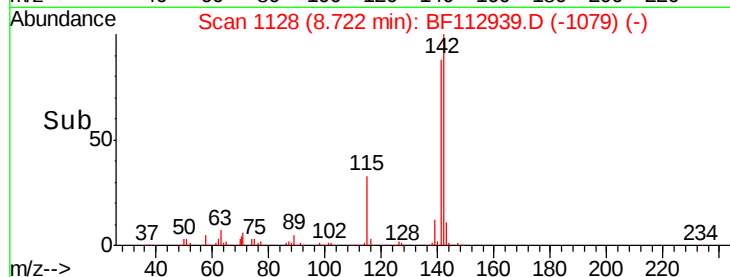
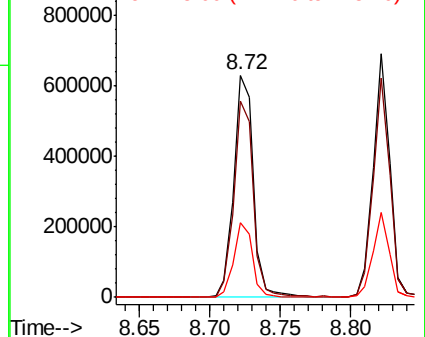
142 100

141 88.3 70.3 105.5

115 33.4 27.8 41.6



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 24.536 ng

RT: 8.82 min Scan# 1145

Delta R.T. -0.01 min

Lab File: BF112939.D

Acq: 8 Mar 2019 12:56

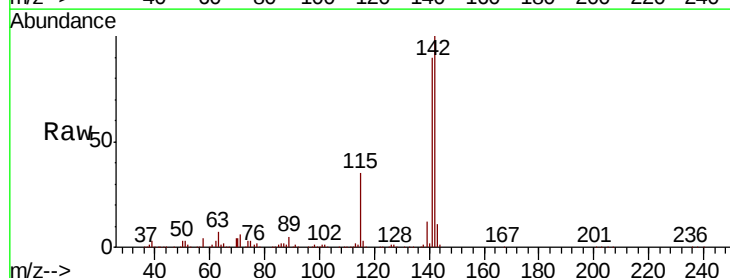
Tgt Ion:142 Resp: 565100

Ion Ratio Lower Upper

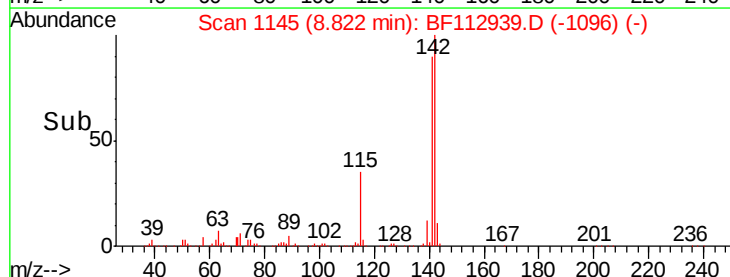
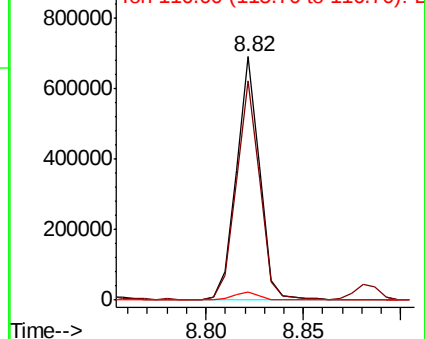
142 100

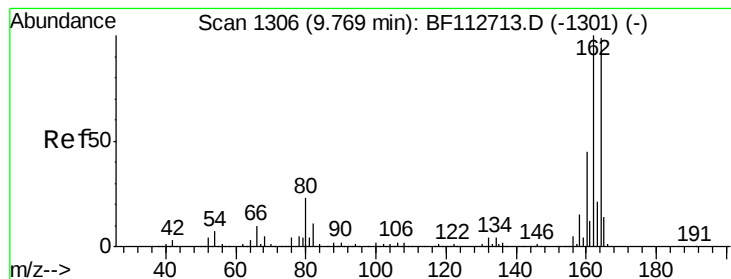
141 90.2 73.7 110.5

116 3.5 3.1 4.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF112939.D

Acq: 8 Mar 2019 12:56

Instrument :

BNA_F

ClientSampleId :

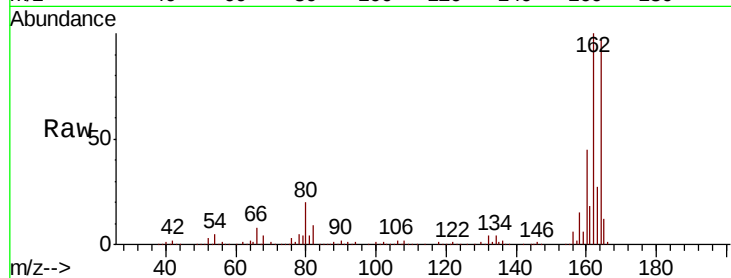
Tot Ion:164 Resp: 359595

Ion Ratio Lower Upper

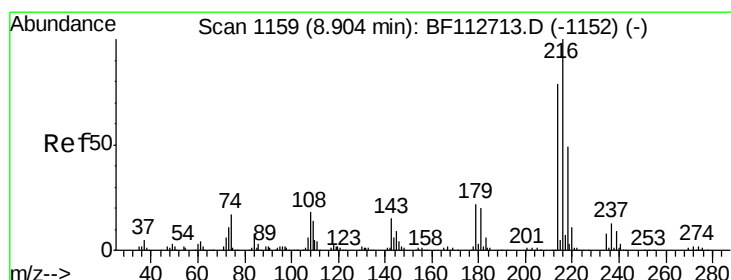
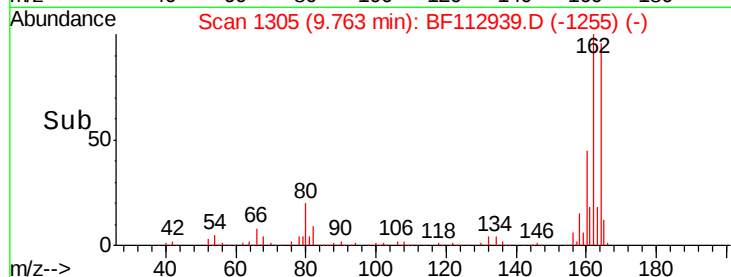
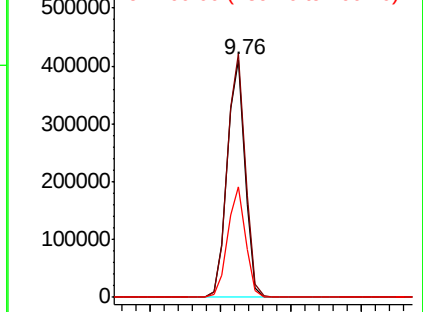
164 100

162 102.6 80.6 120.8

160 46.4 36.0 54.0



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: 25.149 ng

RT: 8.89 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BF112939.D

Acq: 8 Mar 2019 12:56

Tgt Ion:216 Resp: 263721

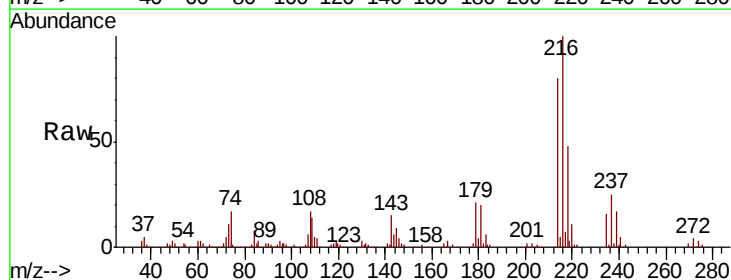
Ion Ratio Lower Upper

216 100

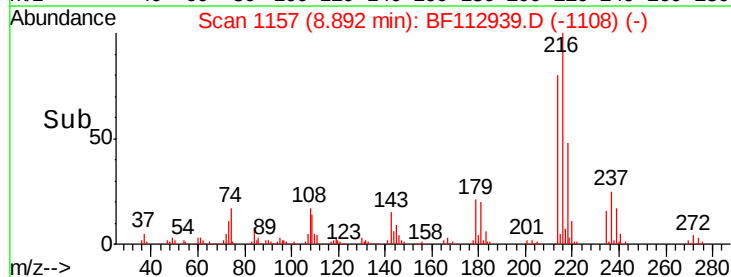
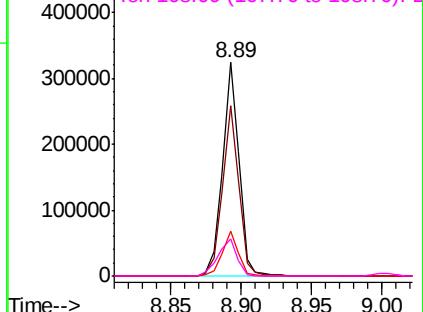
214 79.3 63.2 94.8

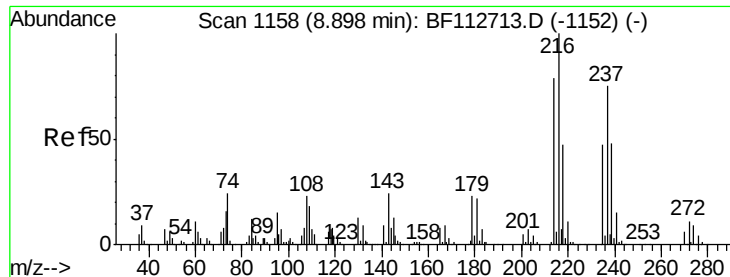
179 20.6 17.5 26.3

108 20.2 16.7 25.1



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





#41

Hexachlorocyclopentadiene

Concen: 55.700 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF112939.D

Acq: 8 Mar 2019 12:56

Instrument :

BNA_F

ClientSampled :

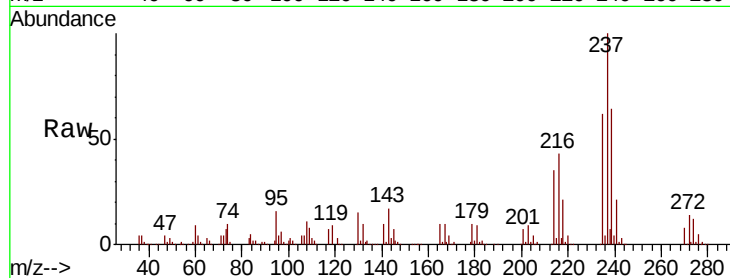
Tot Ion:237 Resp: 319840

Ion Ratio Lower Upper

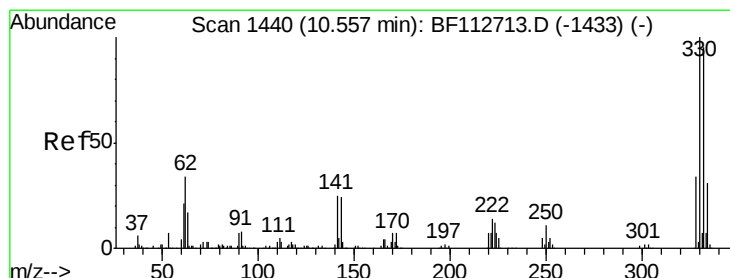
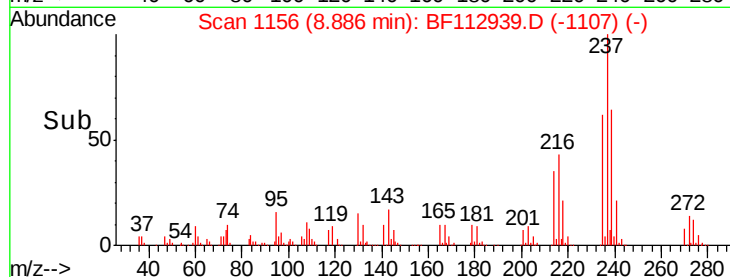
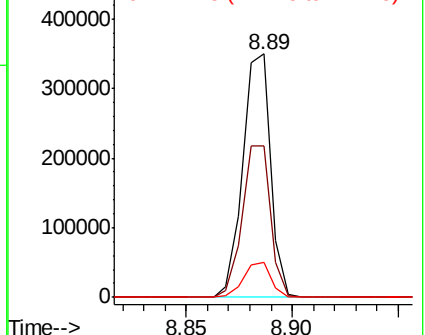
237 100

235 62.2 42.2 82.2

272 14.4 0.0 34.0



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: 82.874 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF112939.D

Acq: 8 Mar 2019 12:56

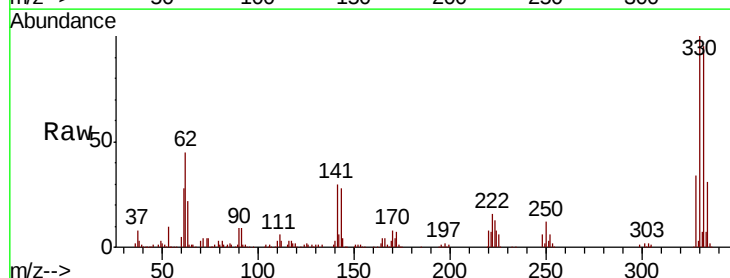
Tgt Ion:330 Resp: 316376

Ion Ratio Lower Upper

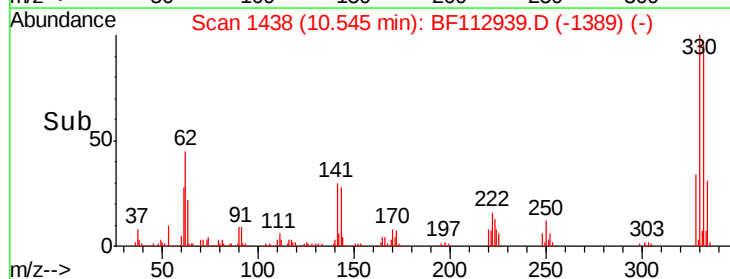
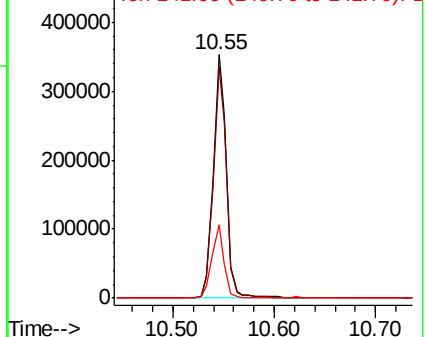
330 100

332 95.2 76.2 114.4

141 28.5 27.0 40.6



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

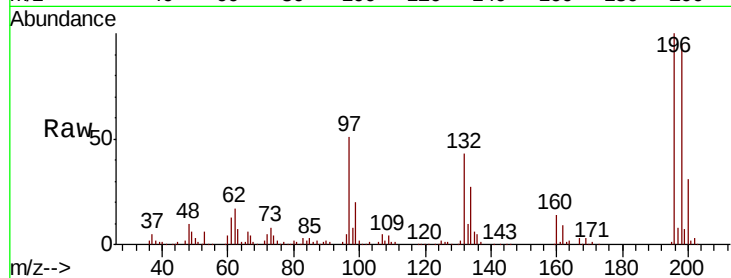




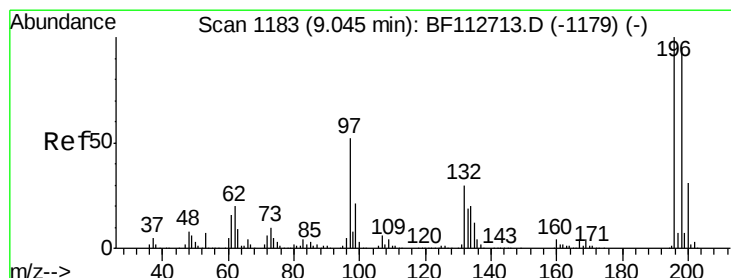
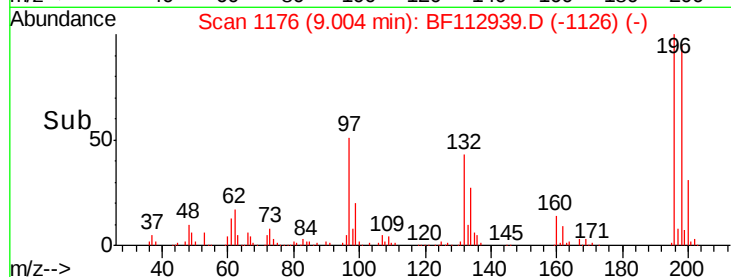
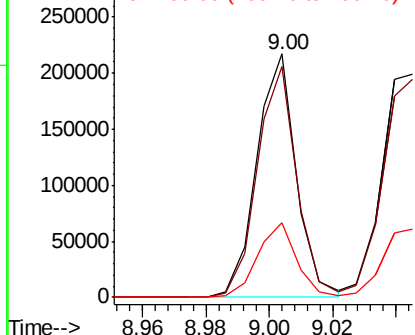
#43
 2,4,6-Trichlorophenol
 Concen: 26.056 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF112939.D
 Acq: 8 Mar 2019 12:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 188044
 Ion Ratio Lower Upper
 196 100
 198 95.0 75.8 113.8
 200 30.8 24.3 36.5

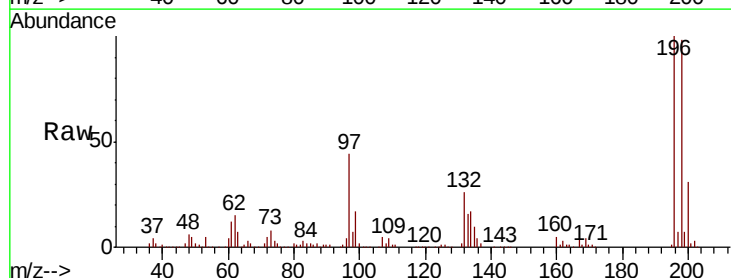


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

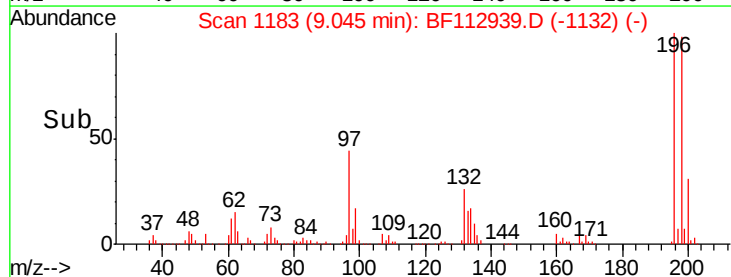
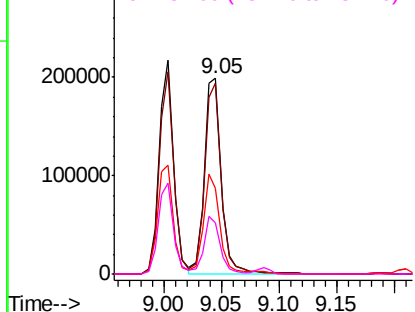


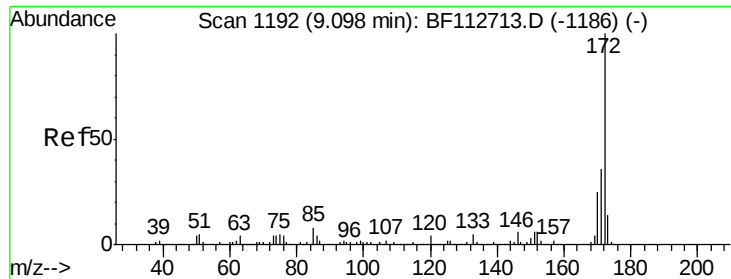
#44
 2,4,5-Trichlorophenol
 Concen: 26.421 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF112939.D
 Acq: 8 Mar 2019 12:56

Tgt Ion:196 Resp: 206102
 Ion Ratio Lower Upper
 196 100
 198 97.9 76.2 114.2
 97 43.6 41.5 62.3
 132 26.4 23.9 35.9



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

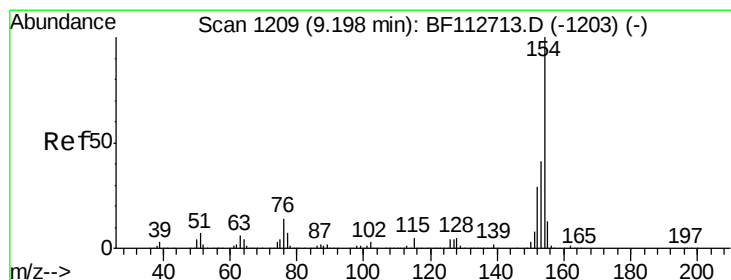
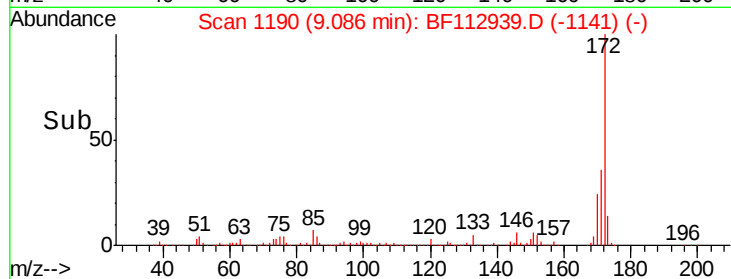
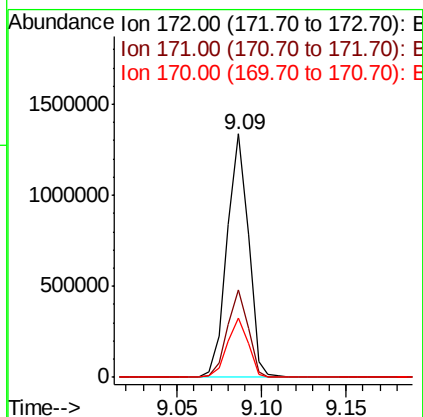
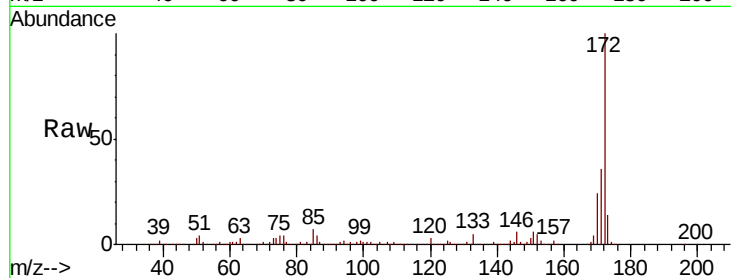




#45
2-Fluorobiphenyl
Concen: 48.447 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF112939.D
Acq: 8 Mar 2019 12:56

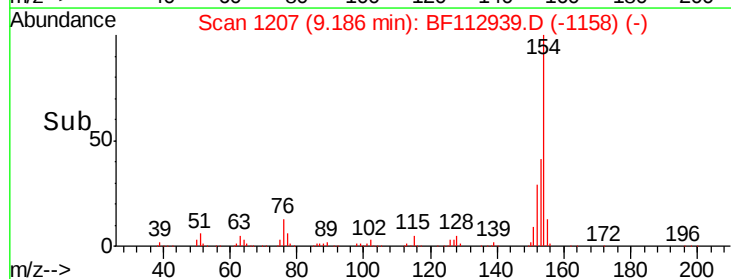
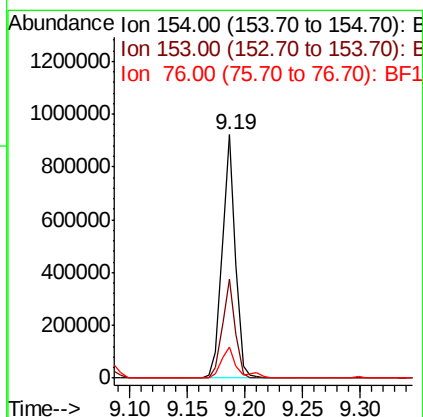
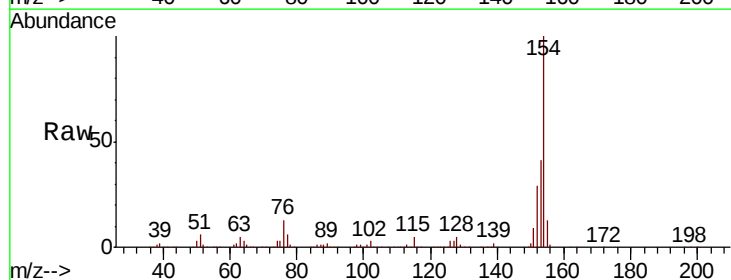
Instrument :
BNA_F
ClientSampleId :

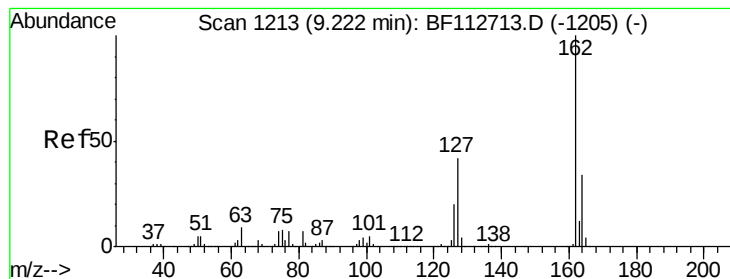
Tot Ion:172 Resp: 1178919
Ion Ratio Lower Upper
172 100
171 35.8 29.0 43.4
170 24.5 20.0 30.0



#46
1,1'-Biphenyl
Concen: 24.866 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF112939.D
Acq: 8 Mar 2019 12:56

Tgt Ion:154 Resp: 729348
Ion Ratio Lower Upper
154 100
153 40.8 20.8 60.8
76 12.7 0.0 33.8

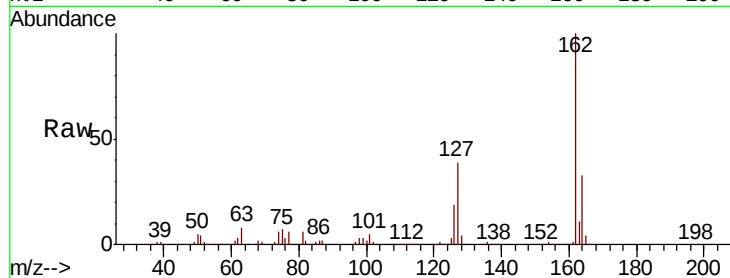




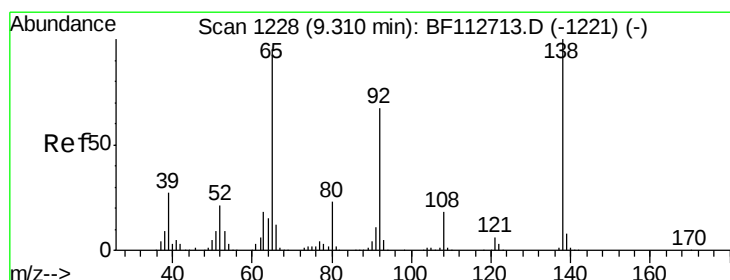
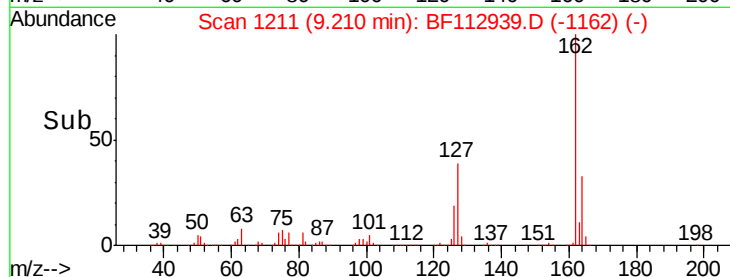
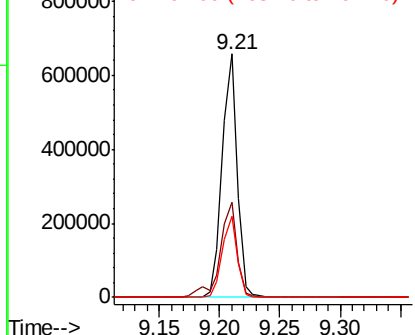
#47
2-Chloronaphthalene
Concen: 24.673 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF112939.D
Acq: 8 Mar 2019 12:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 565061
Ion Ratio Lower Upper
162 100
127 39.0 33.4 50.2
164 33.1 26.9 40.3

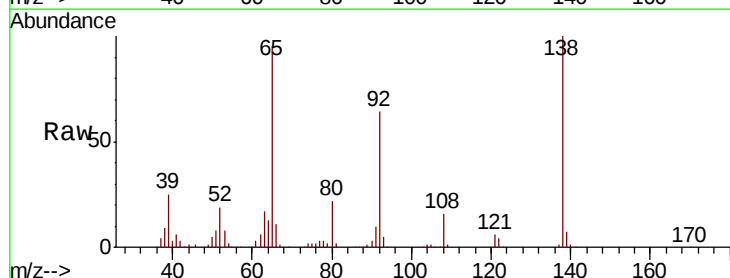


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

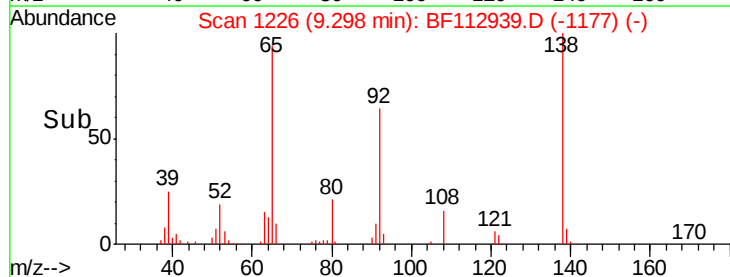
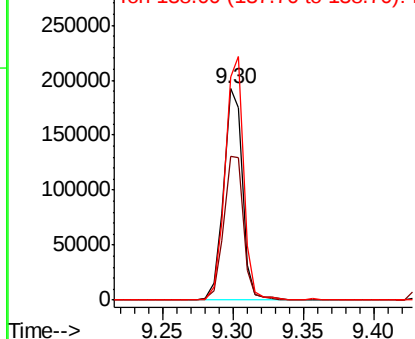


#48
2-Nitroaniline
Concen: 25.749 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF112939.D
Acq: 8 Mar 2019 12:56

Tgt Ion: 65 Resp: 179244
Ion Ratio Lower Upper
65 100
92 68.1 56.4 84.6
138 105.7 84.6 126.8



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: 23.762 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF112939.D

Acq: 8 Mar 2019 12:56

Instrument :

BNA_F

ClientSampled :

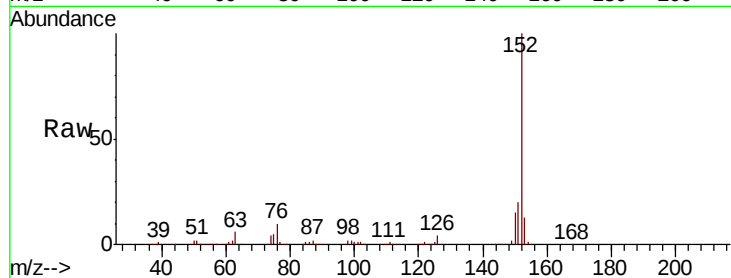
Tot Ion:152 Resp: 923868

Ion Ratio Lower Upper

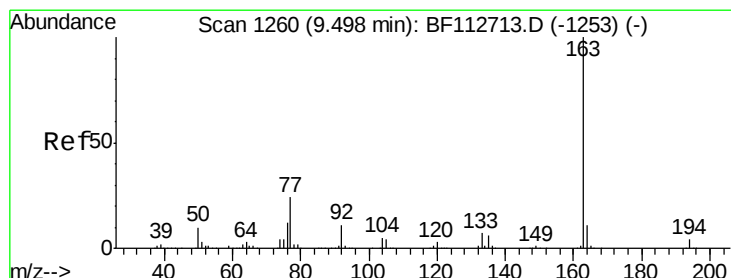
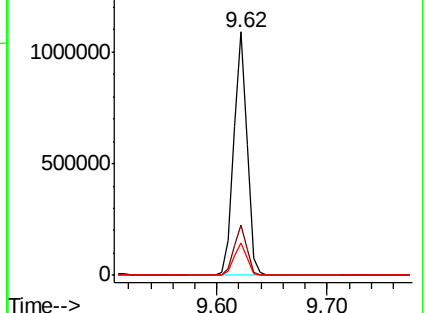
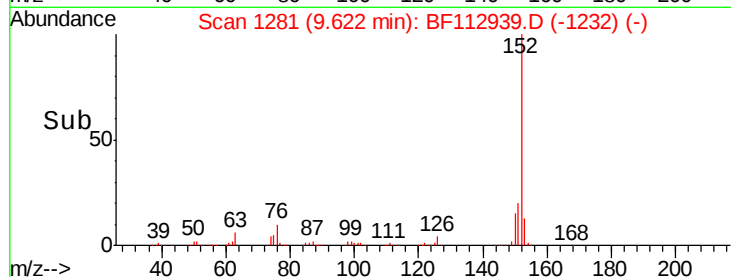
152 100

151 20.5 16.9 25.3

153 13.5 11.0 16.6



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



#50

Dimethylphthalate

Concen: 26.477 ng

RT: 9.49 min Scan# 1258

Delta R.T. -0.01 min

Lab File: BF112939.D

Acq: 8 Mar 2019 12:56

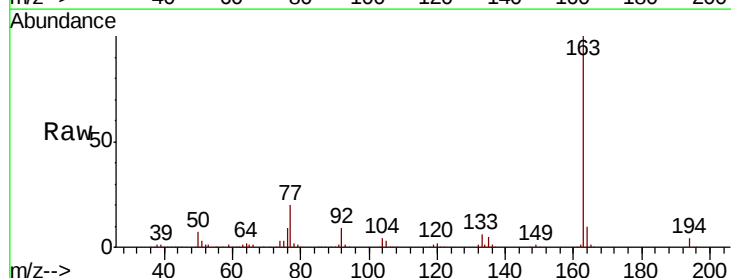
Tgt Ion:163 Resp: 702033

Ion Ratio Lower Upper

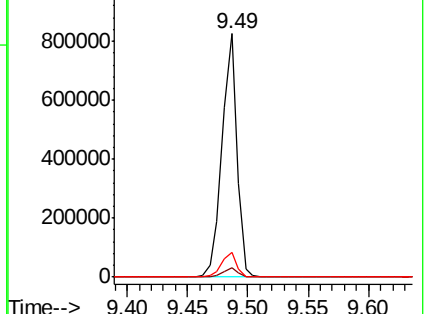
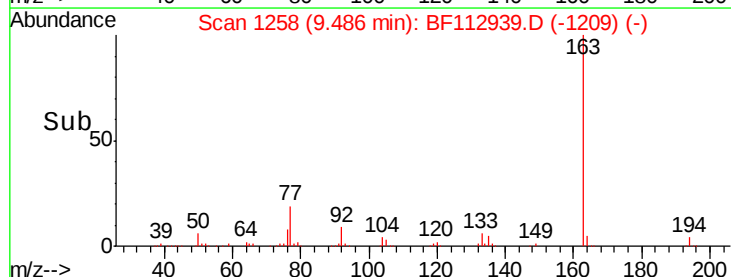
163 100

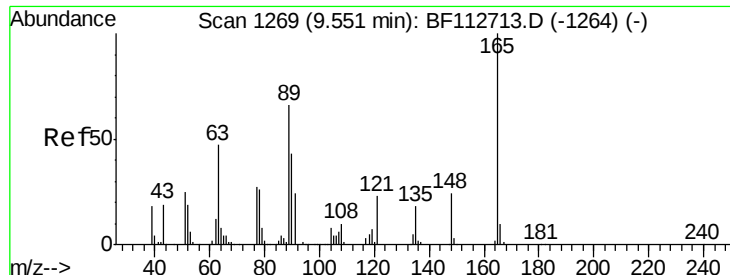
194 4.0 3.0 4.4

164 9.9 8.4 12.6



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

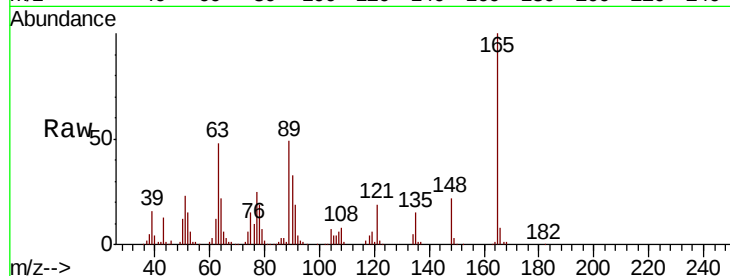




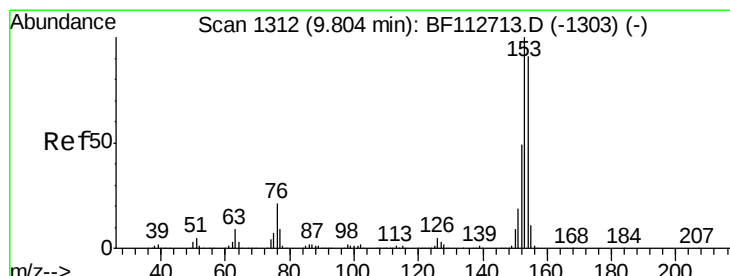
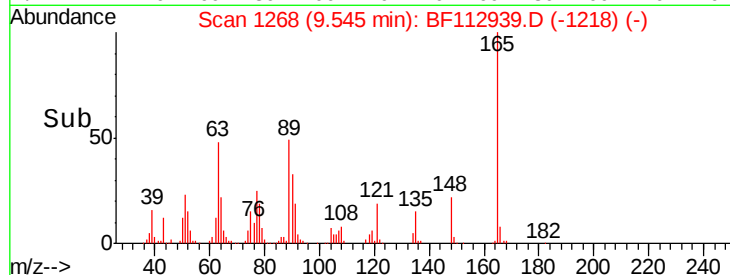
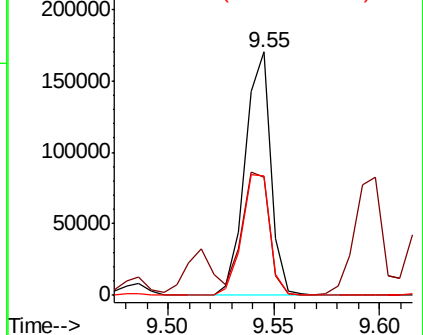
#51
2,6-Dinitrotoluene
Concen: 26.147 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF112939.D
Acq: 8 Mar 2019 12:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:165 Resp: 144369
Ion Ratio Lower Upper
165 100
63 48.5 54.1 81.1#
89 49.2 52.8 79.2#

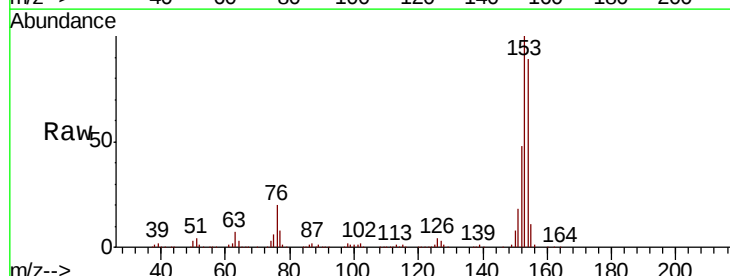


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

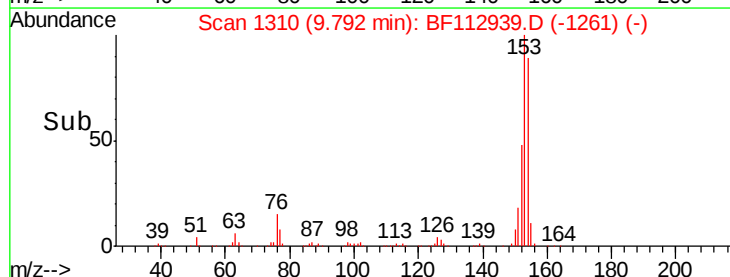
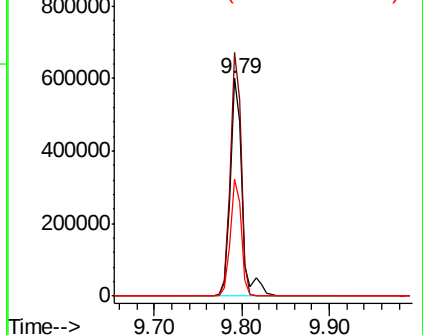


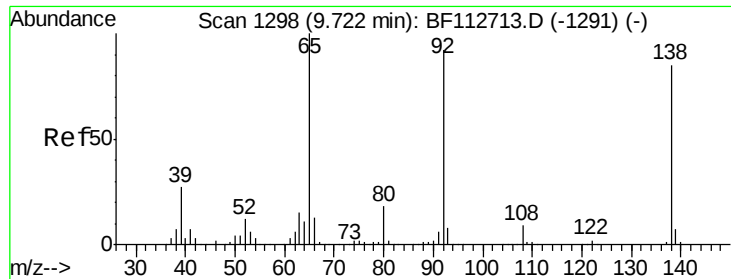
#52
Acenaphthene
Concen: 24.723 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF112939.D
Acq: 8 Mar 2019 12:56

Tgt Ion:154 Resp: 562129
Ion Ratio Lower Upper
154 100
153 111.8 87.8 131.8
152 53.8 43.0 64.6



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

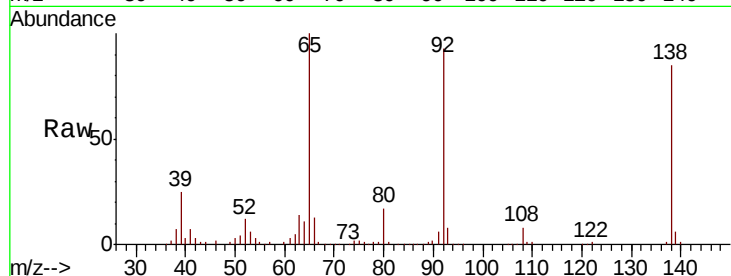




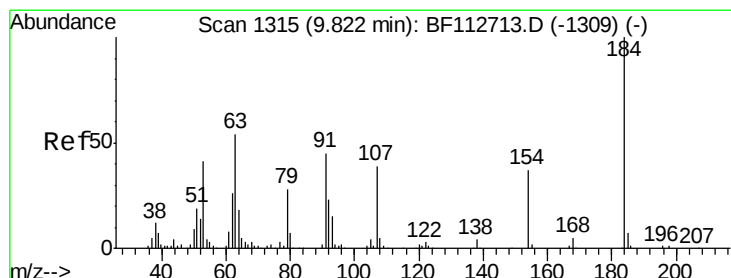
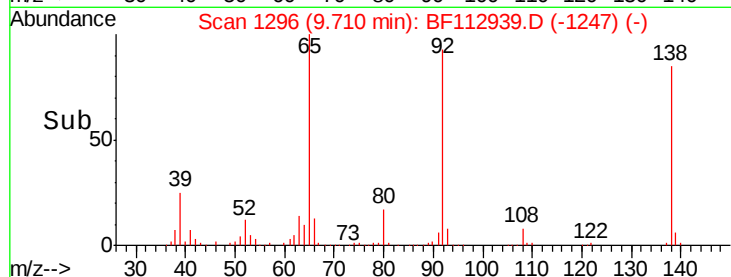
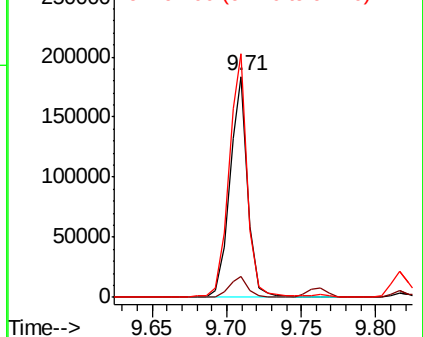
#53
 3-Nitroaniline
 Concen: 23.019 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.01 min
 Lab File: BF112939.D
 Acq: 8 Mar 2019 12:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:138 Resp: 154870
 Ion Ratio Lower Upper
 138 100
 108 9.5 8.6 13.0
 92 110.2 86.6 129.8

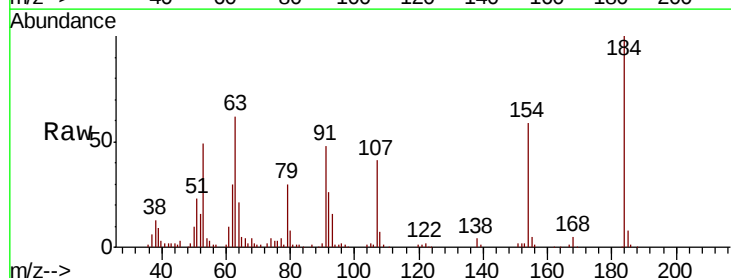


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

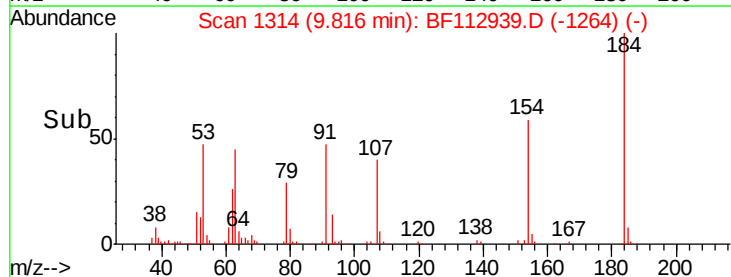
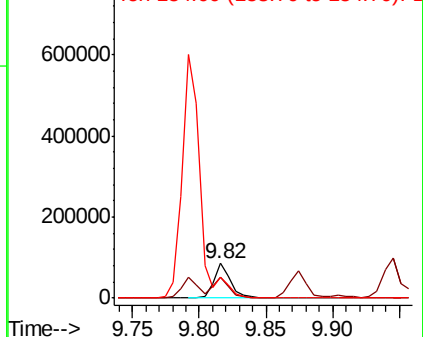


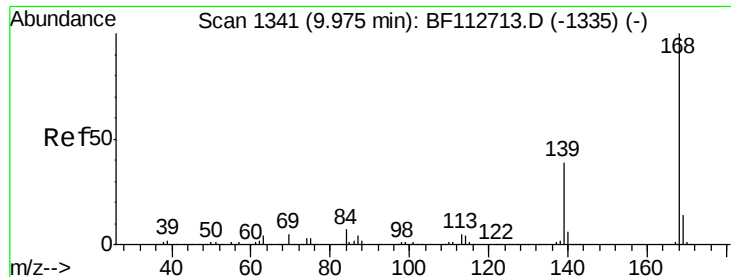
#54
 2,4-Dinitrophenol
 Concen: 37.418 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: BF112939.D
 Acq: 8 Mar 2019 12:56

Tgt Ion:184 Resp: 76070
 Ion Ratio Lower Upper
 184 100
 63 61.9 45.3 67.9
 154 59.3 46.0 69.0



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

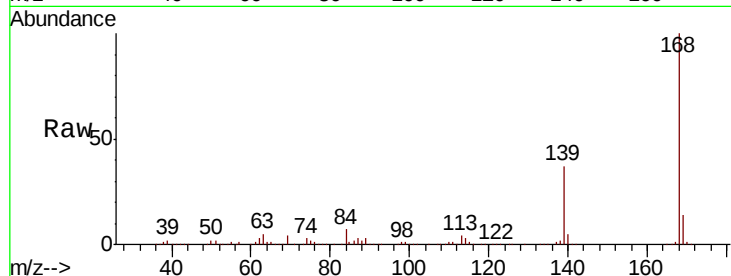




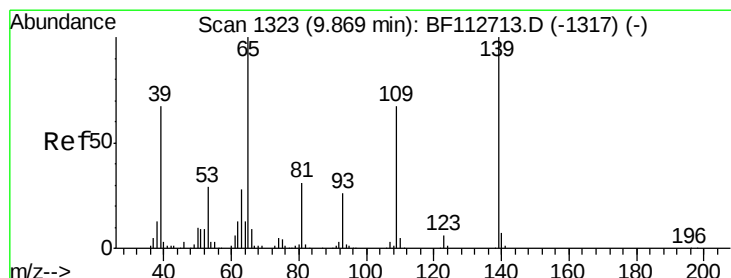
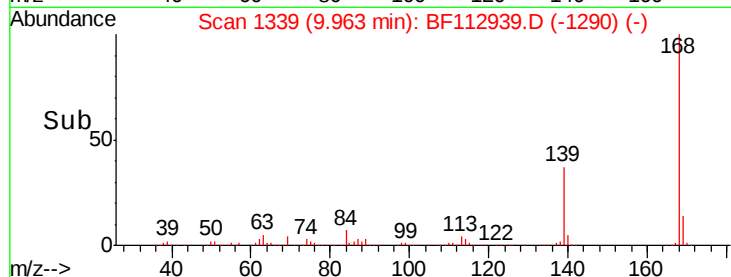
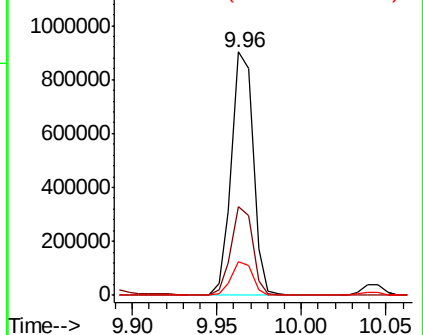
#55
Dibenzenofuran
Concen: 24.551 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF112939.D
Acq: 8 Mar 2019 12:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 811304
Ion Ratio Lower Upper
168 100
139 36.5 31.3 46.9
169 13.7 11.3 16.9

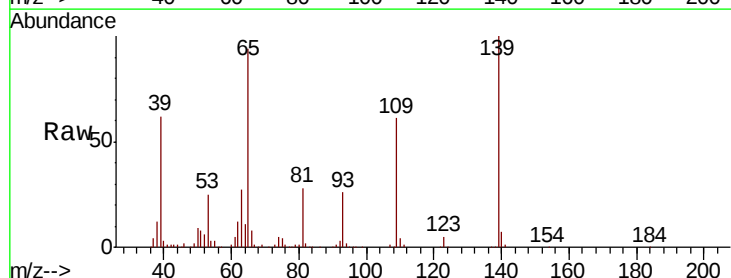


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

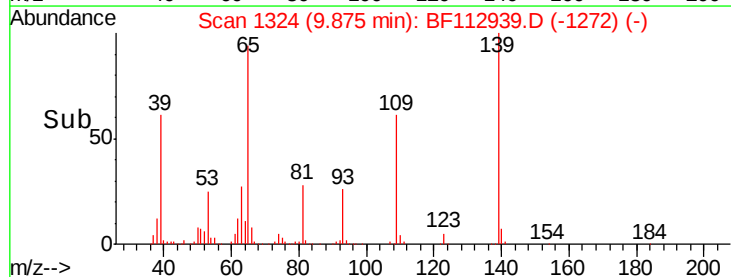
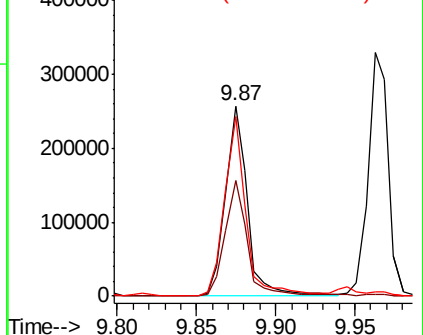


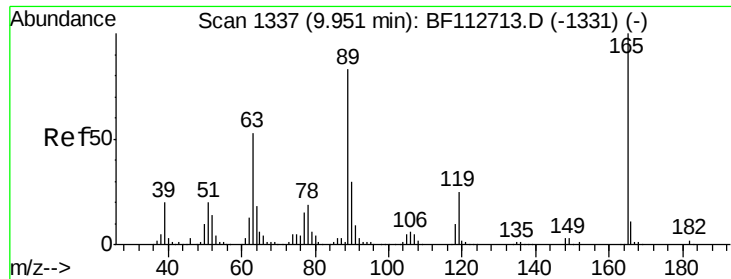
#56
4-Nitrophenol
Concen: 45.584 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF112939.D
Acq: 8 Mar 2019 12:56

Tgt Ion:139 Resp: 249252
Ion Ratio Lower Upper
139 100
109 61.1 46.8 86.8
65 94.2 80.7 120.7



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

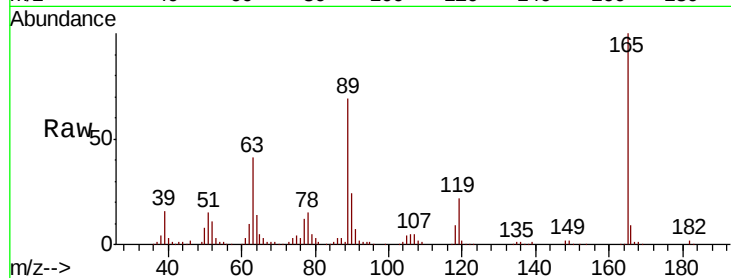




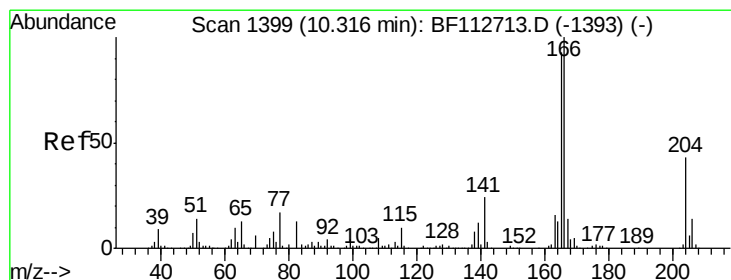
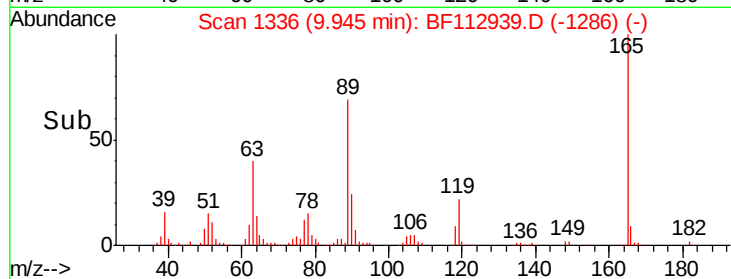
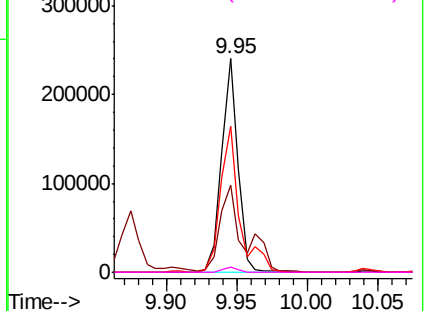
#57
2,4-Dinitrotoluene
Concen: 28.229 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF112939.D
Acq: 8 Mar 2019 12:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	40.6	42.2	63.2#
89	68.6	66.2	99.4
182	2.3	1.8	2.6

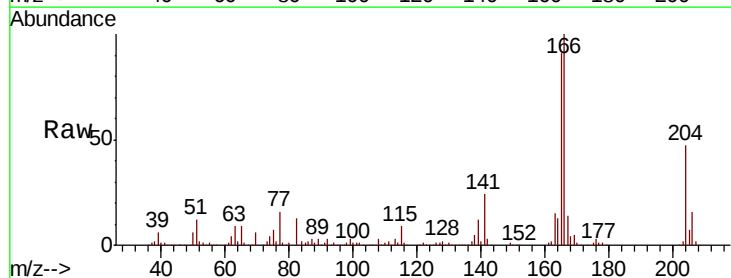


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

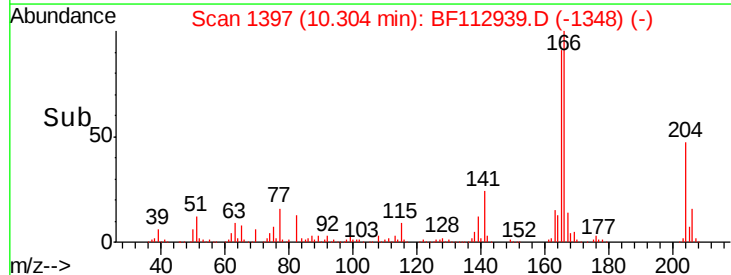
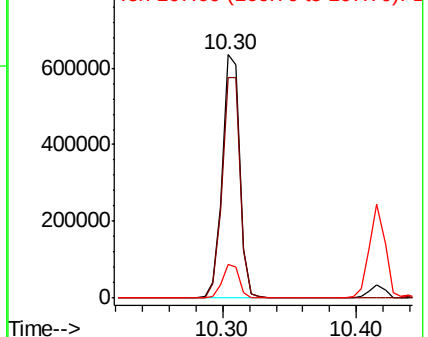


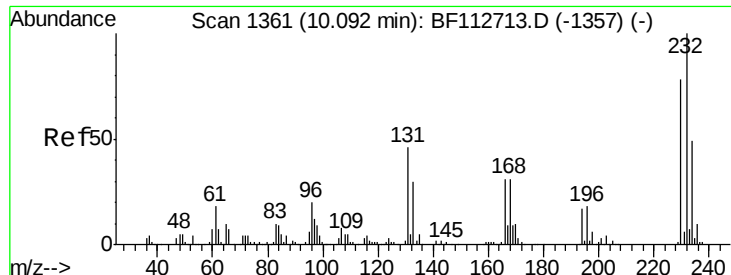
#58
Fluorene
Concen: 25.247 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF112939.D
Acq: 8 Mar 2019 12:56

Tgt Ion	Ratio	Lower	Upper
166	100		
165	90.8	74.7	112.1
167	14.0	11.0	16.6



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

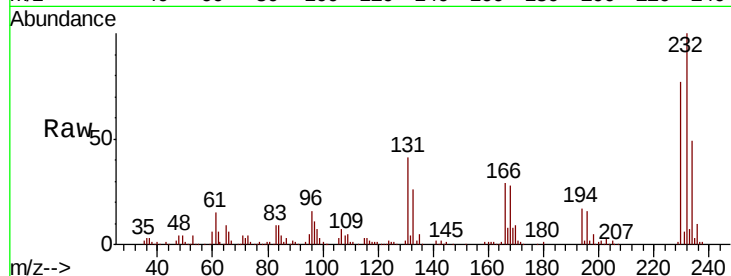




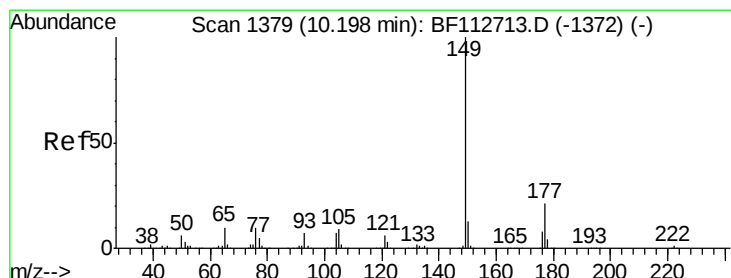
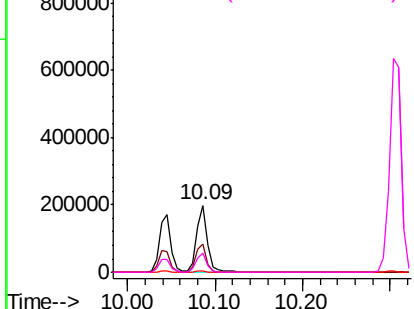
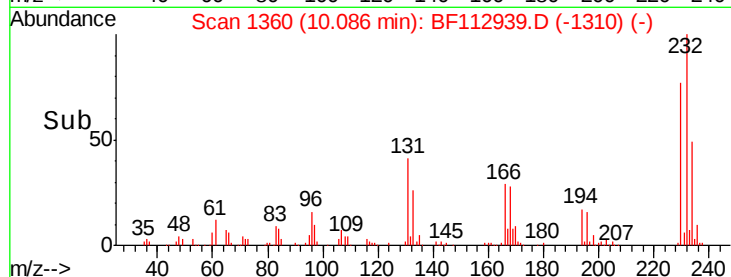
#59
2,3,4,6-Tetrachlorophenol
Concen: 25.995 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF112939.D
Acq: 8 Mar 2019 12:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:232 Resp: 168942
Ion Ratio Lower Upper
232 100
131 43.0 38.7 58.1
130 1.9 1.9 2.9#
166 29.1 25.2 37.8

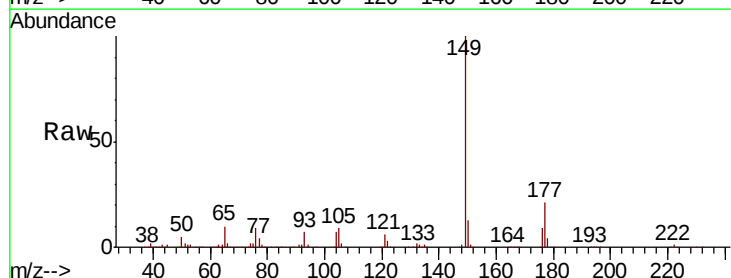


Abundance Ion 232.00 (231.70 to 232.70): E
1000000
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

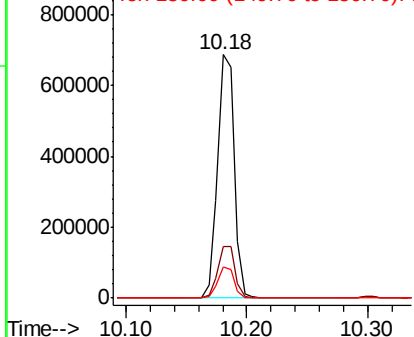
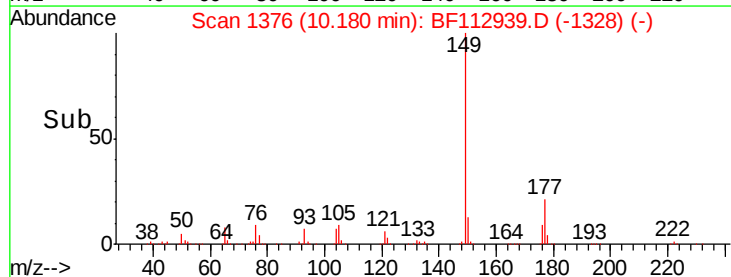


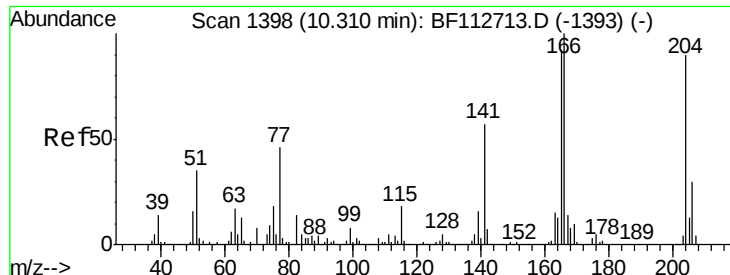
#60
Diethylphthalate
Concen: 23.226 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.02 min
Lab File: BF112939.D
Acq: 8 Mar 2019 12:56

Tgt Ion:149 Resp: 650413
Ion Ratio Lower Upper
149 100
177 21.5 17.0 25.6
150 13.0 10.0 15.0



Abundance Ion 149.00 (148.70 to 149.70): E
800000
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

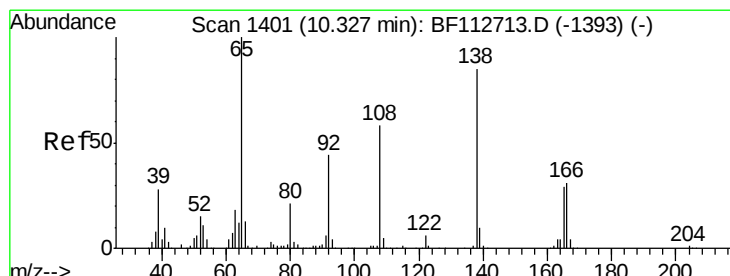
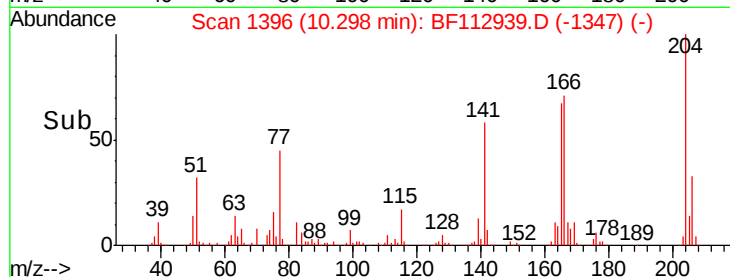
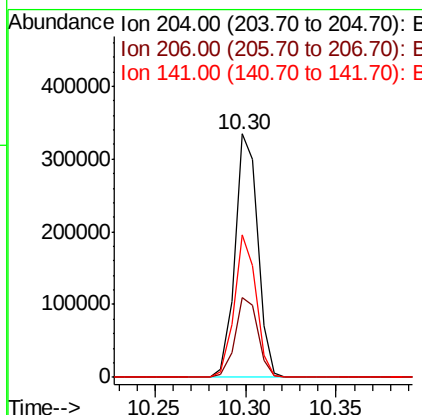
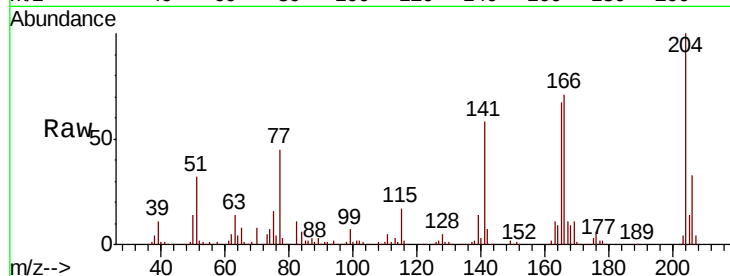




#61
 4-Chlorophenyl-phenylether
 Concen: 26.846 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF112939.D
 Acq: 8 Mar 2019 12:56

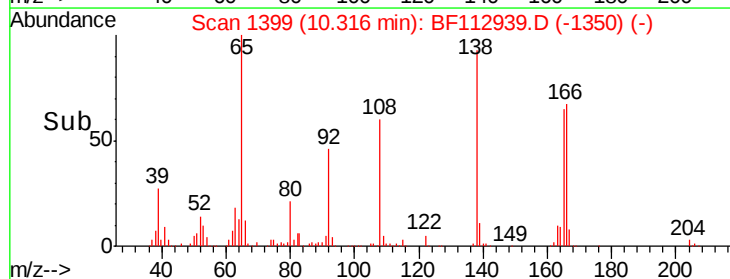
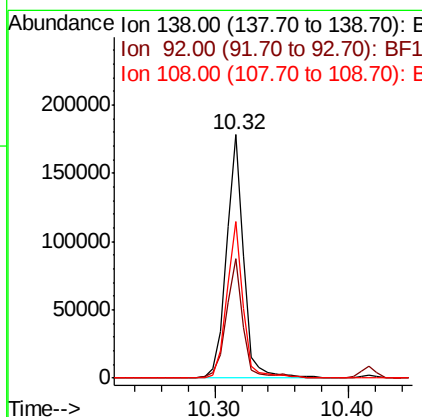
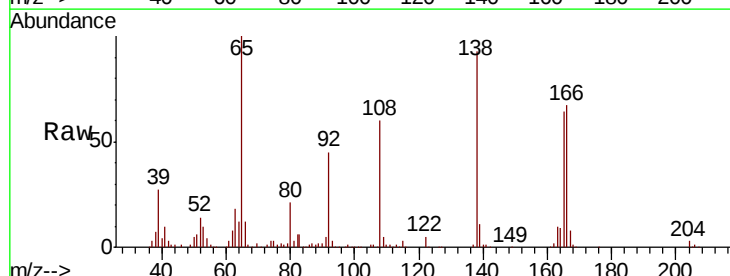
Instrument :
 BNA_F
 ClientSampled :

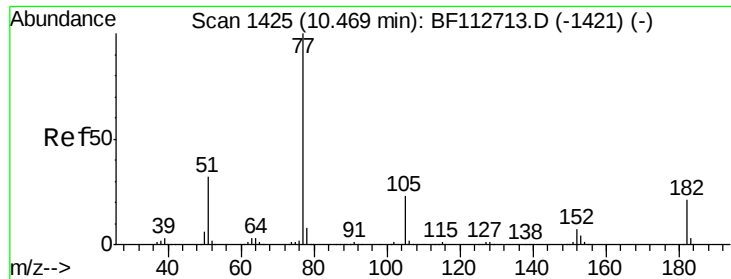
Tot Ion:204 Resp: 292954
 Ion Ratio Lower Upper
 204 100
 206 32.6 26.6 40.0
 141 58.3 50.8 76.2



#62
 4-Nitroaniline
 Concen: 26.208 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. -0.01 min
 Lab File: BF112939.D
 Acq: 8 Mar 2019 12:56

Tgt Ion:138 Resp: 162937
 Ion Ratio Lower Upper
 138 100
 92 48.9 31.3 71.3
 108 64.2 48.1 88.1

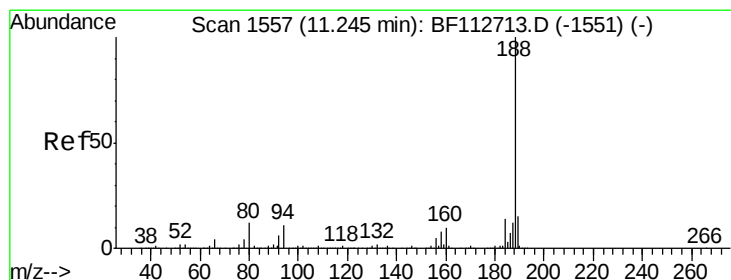
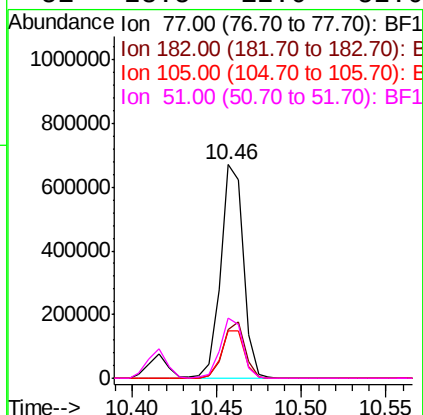
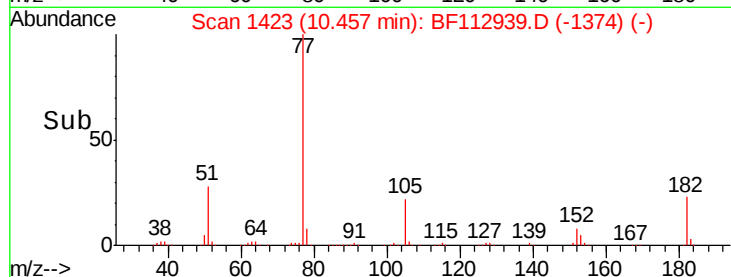
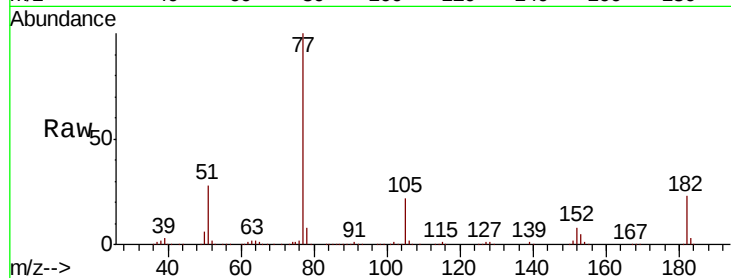




#63
Azobenzene
Concen: 21.800 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF112939.D
Acq: 8 Mar 2019 12:56

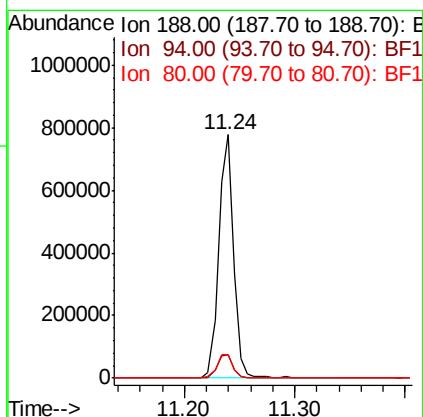
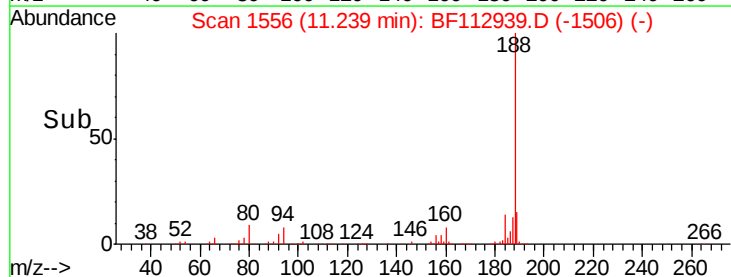
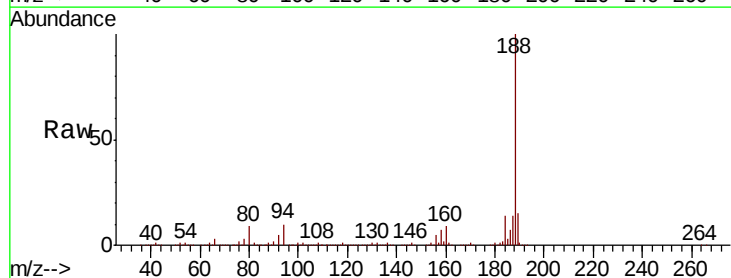
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 625291
Ion Ratio Lower Upper
77 100
182 22.6 1.4 41.4
105 22.4 2.6 42.6
51 28.5 12.0 52.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF112939.D
Acq: 8 Mar 2019 12:56

Tgt Ion: 188 Resp: 723594
Ion Ratio Lower Upper
188 100
94 9.6 9.0 13.4
80 9.4 9.2 13.8





#65

4,6-Dinitro-2-methylphenol

Concen: 23.859 ng

RT: 10.35 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BF112939.D

Acq: 8 Mar 2019 12:56

Instrument :

BNA_F

ClientSampleId :

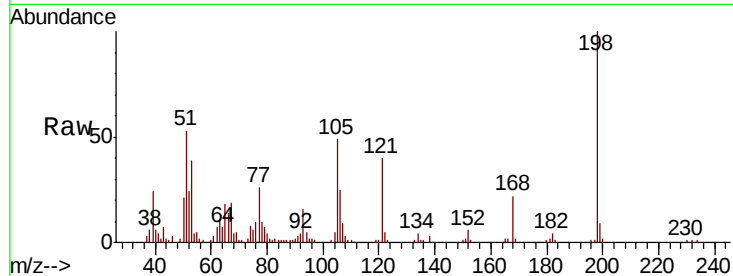
Tot Ion:198 Resp: 63307

Ion Ratio Lower Upper

198 100

51 52.9 43.8 83.8

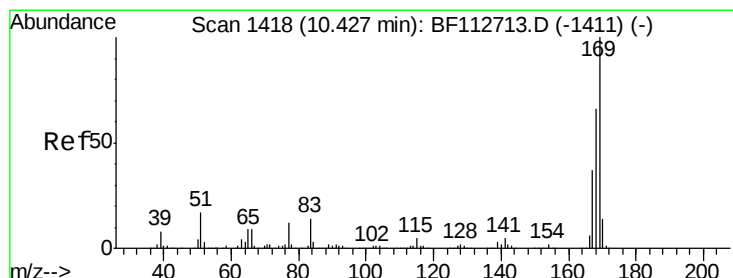
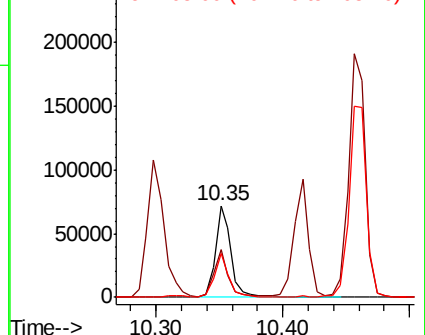
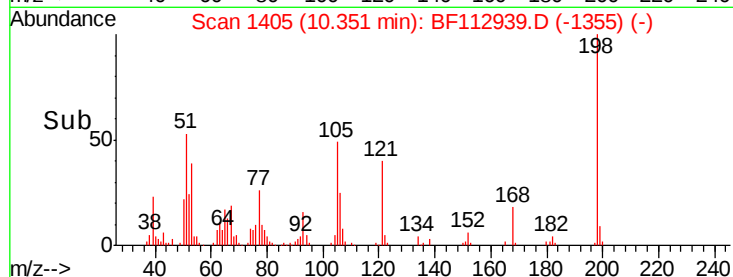
105 48.7 36.5 76.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 23.694 ng

RT: 10.42 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BF112939.D

Acq: 8 Mar 2019 12:56

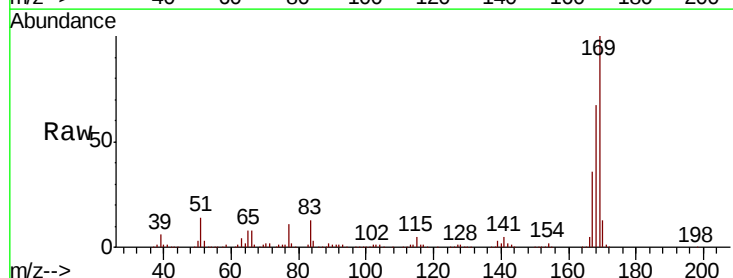
Tgt Ion:169 Resp: 549849

Ion Ratio Lower Upper

169 100

168 67.0 53.0 79.6

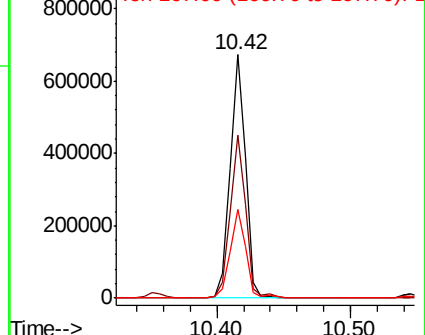
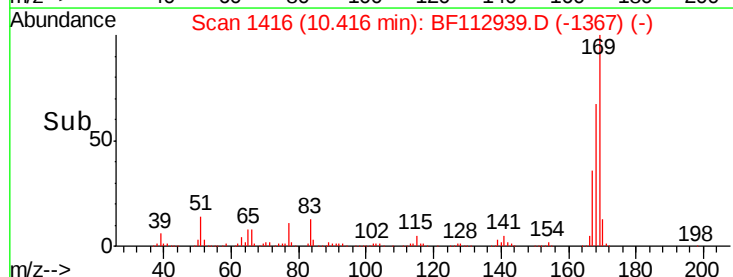
167 36.4 29.3 43.9



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

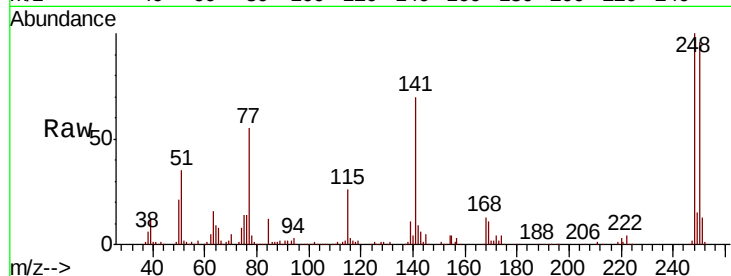




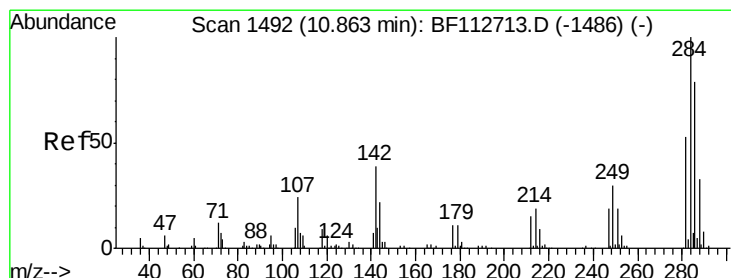
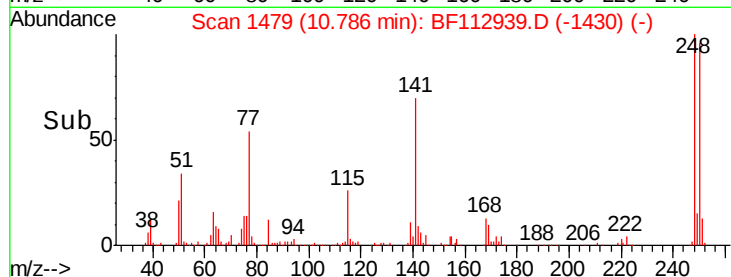
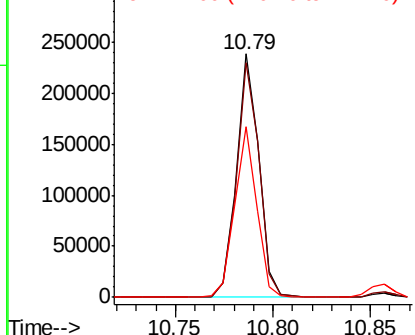
#67
4-Bromophenyl-phenylether
Concen: 24.837 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BF112939.D
Acq: 8 Mar 2019 12:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 189298
Ion Ratio Lower Upper
248 100
250 96.2 77.5 116.3
141 69.9 62.4 93.6

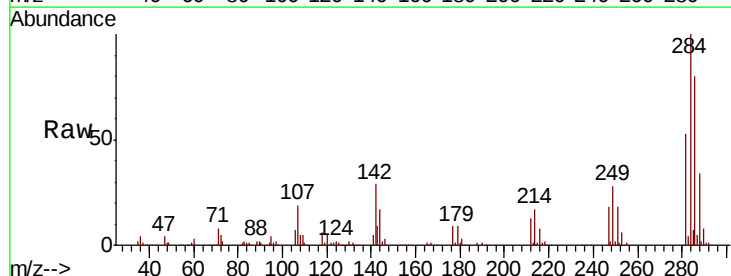


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

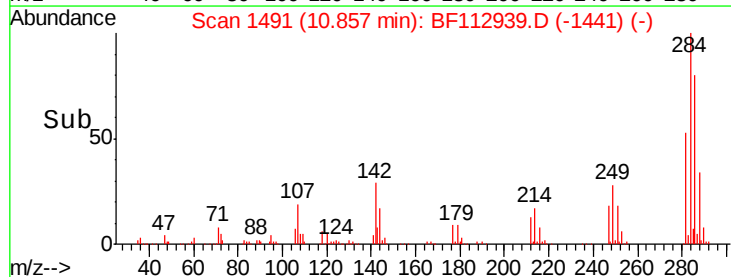
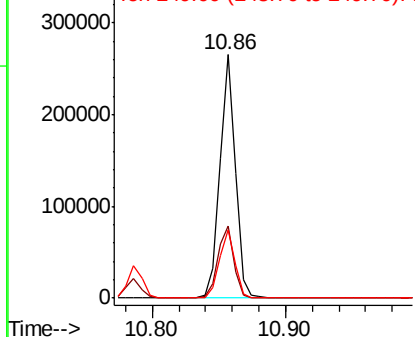


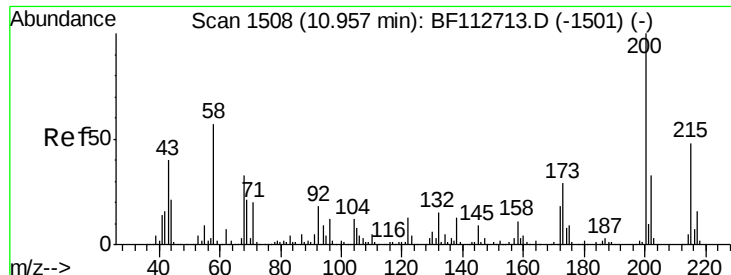
#68
Hexachlorobenzene
Concen: 25.485 ng
RT: 10.86 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BF112939.D
Acq: 8 Mar 2019 12:56

Tgt Ion:284 Resp: 218955
Ion Ratio Lower Upper
284 100
142 29.4 31.0 46.6#
249 28.3 23.6 35.4



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

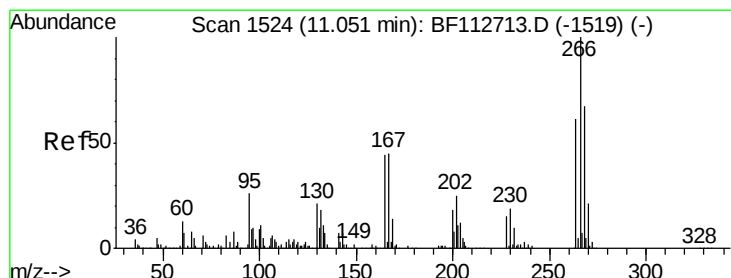
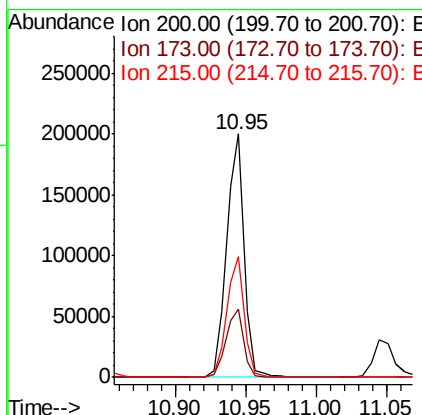
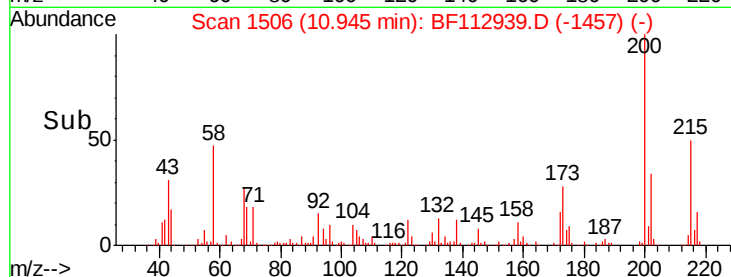
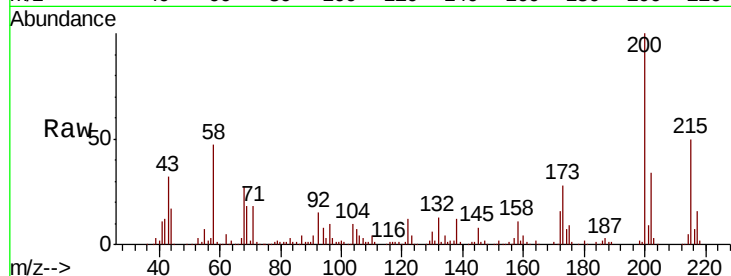




#69
Atrazine
Concen: 24.222 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF112939.D
Acq: 8 Mar 2019 12:56

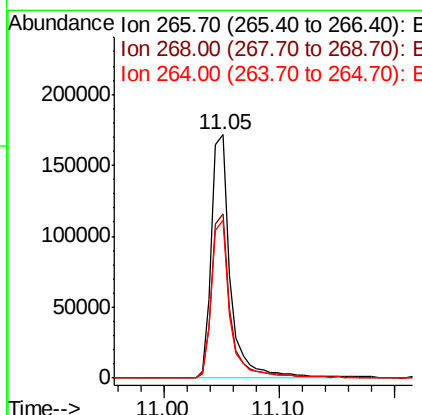
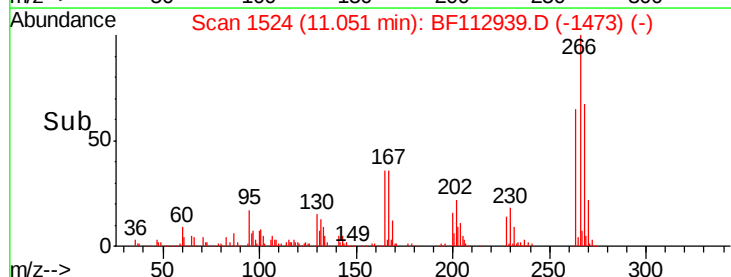
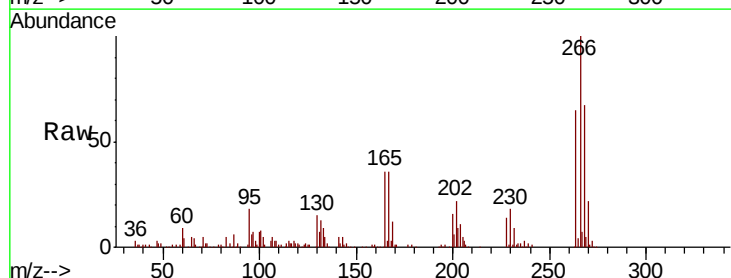
Instrument :
BNA_F
ClientSampleId :

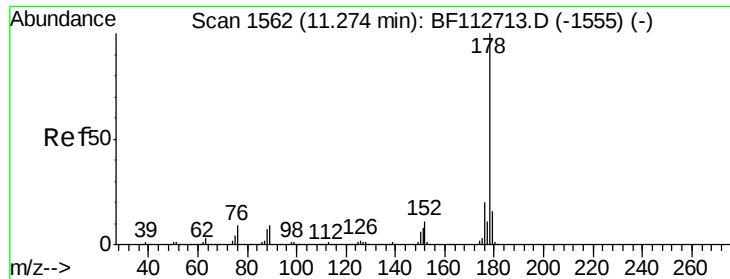
Tot Ion:200 Resp: 172153
Ion Ratio Lower Upper
200 100
173 27.8 9.1 49.1
215 49.7 28.2 68.2



#70
Pentachlorophenol
Concen: 39.051 ng
RT: 11.05 min Scan# 1524
Delta R.T. 0.00 min
Lab File: BF112939.D
Acq: 8 Mar 2019 12:56

Tgt Ion:266 Resp: 197471
Ion Ratio Lower Upper
266 100
268 67.4 53.3 79.9
264 64.7 48.9 73.3





#71

Phenanthrene

Concen: 24.615 ng

RT: 11.26 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BF112939.D

Acq: 8 Mar 2019 12:56

Instrument :

BNA_F

ClientSampled :

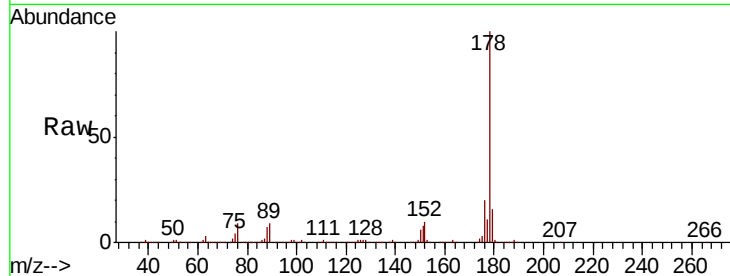
Tot Ion:178 Resp: 886181

Ion Ratio Lower Upper

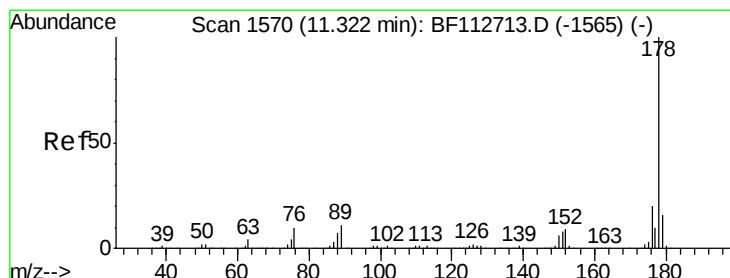
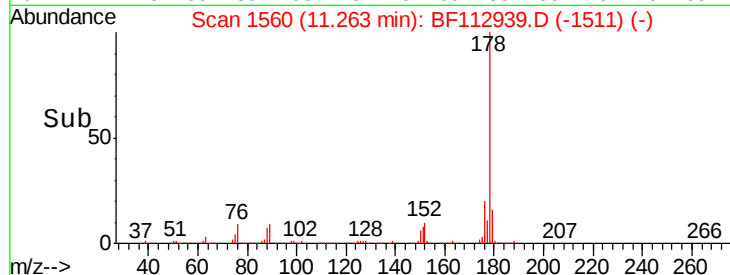
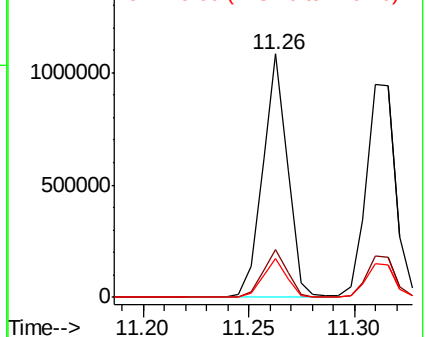
178 100

176 19.6 16.3 24.5

179 15.8 12.7 19.1



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



#72

Anthracene

Concen: 24.831 ng

RT: 11.31 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF112939.D

Acq: 8 Mar 2019 12:56

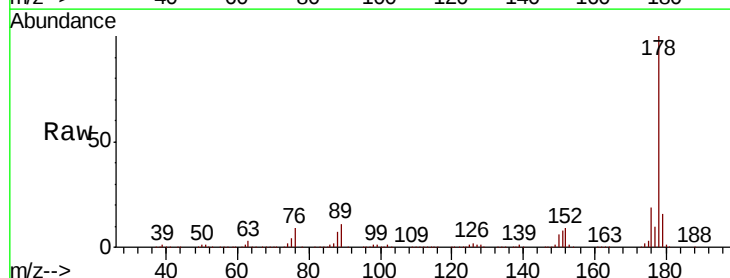
Tgt Ion:178 Resp: 935768

Ion Ratio Lower Upper

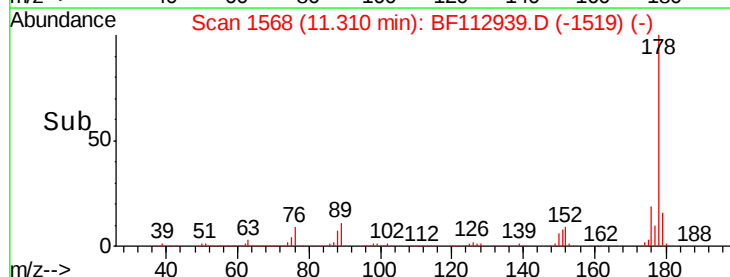
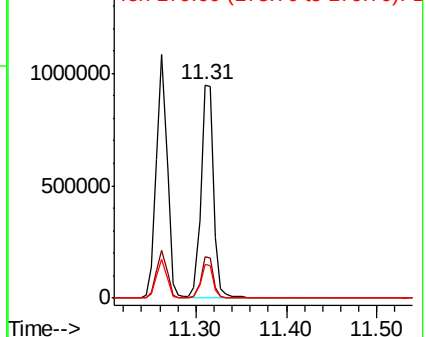
178 100

176 19.3 15.8 23.6

179 16.0 13.0 19.6



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

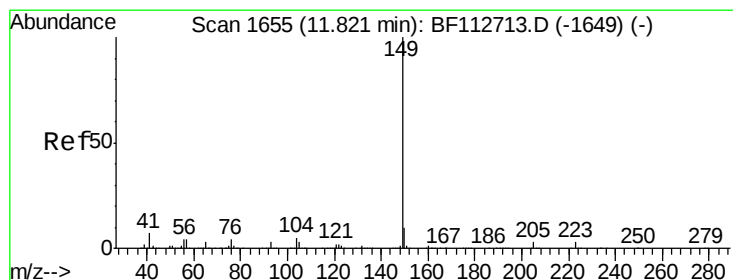
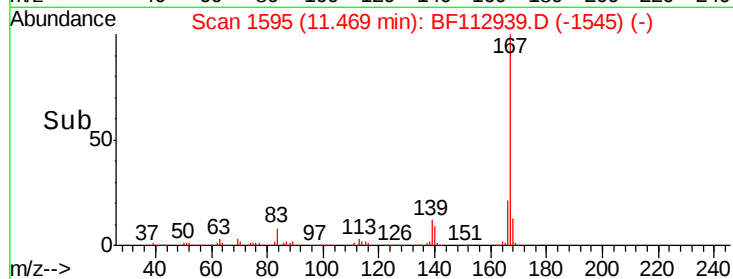
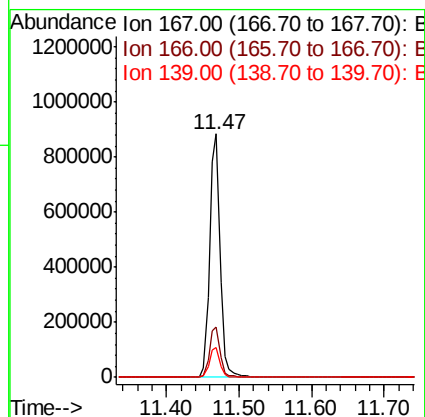
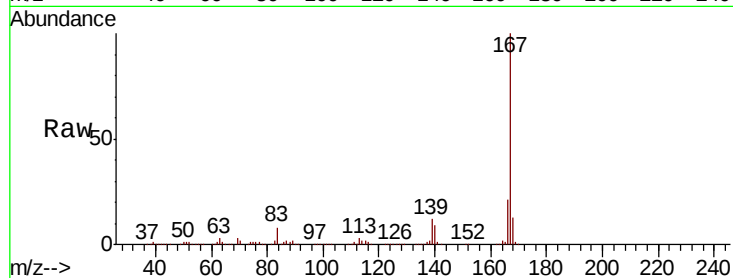




#73
 Carbazole
 Concen: 24.025 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: BF112939.D
 Acq: 8 Mar 2019 12:56

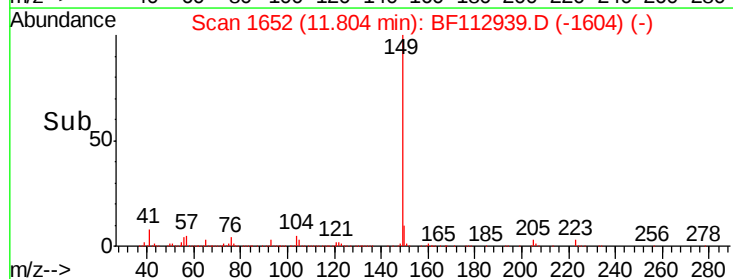
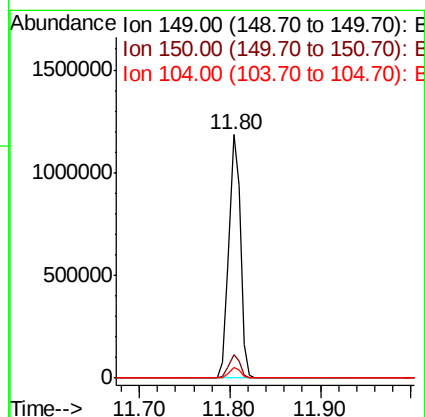
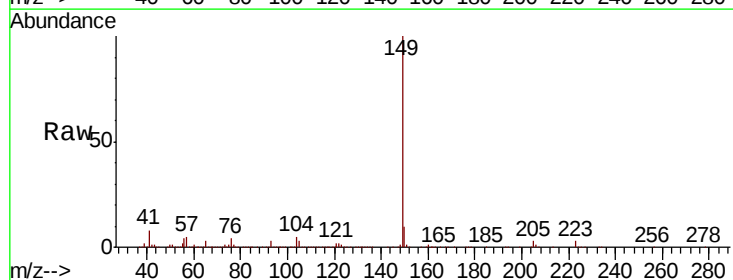
Instrument :
 BNA_F
 ClientSampled :

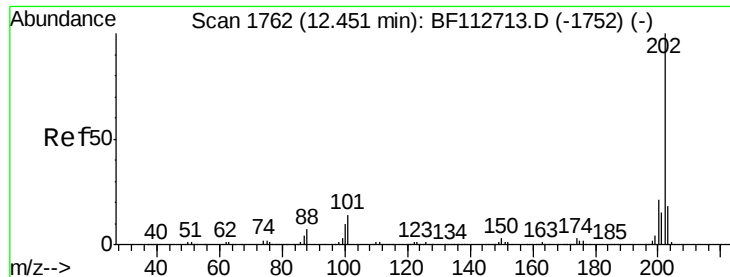
Tot Ion:167 Resp: 883219
 Ion Ratio Lower Upper
 167 100
 166 20.9 17.5 26.3
 139 12.4 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 23.460 ng
 RT: 11.80 min Scan# 1652
 Delta R.T. -0.02 min
 Lab File: BF112939.D
 Acq: 8 Mar 2019 12:56

Tgt Ion:149 Resp: 1034153
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.6 11.4
 104 4.5 3.7 5.5





#75

Fluoranthene

Concen: 25.007 ng

RT: 12.44 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BF112939.D

Acq: 8 Mar 2019 12:56

Instrument :

BNA_F

ClientSampled :

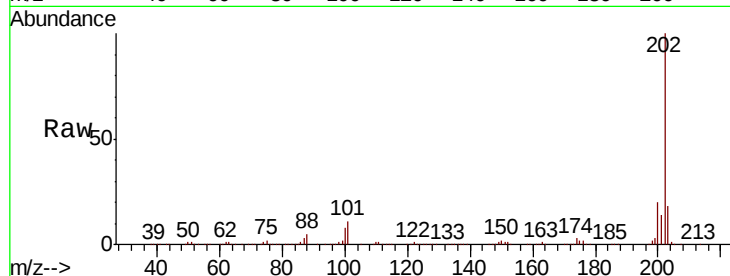
Tot Ion:202 Resp: 964568

Ion Ratio Lower Upper

202 100

101 10.7 0.0 33.8

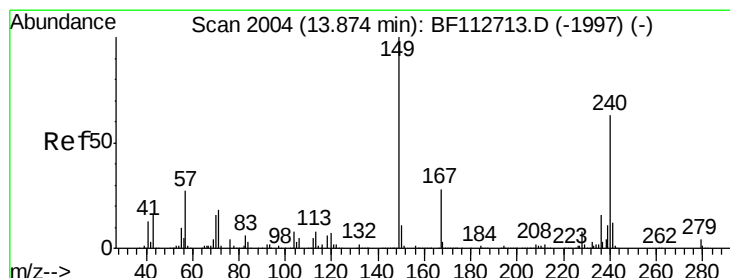
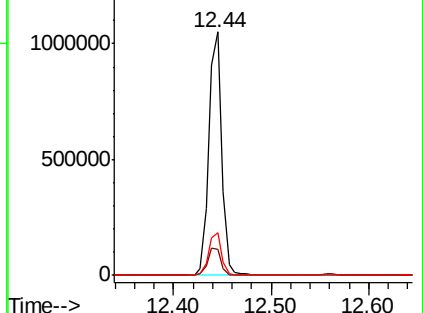
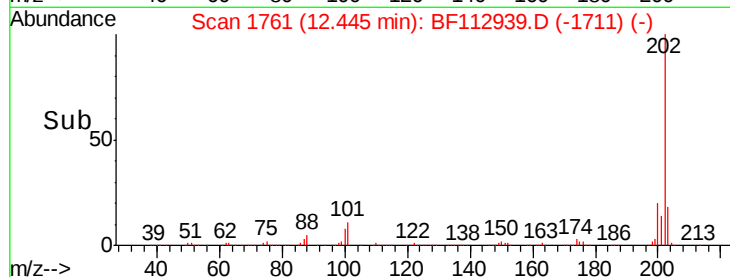
203 17.6 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF112939.D

Acq: 8 Mar 2019 12:56

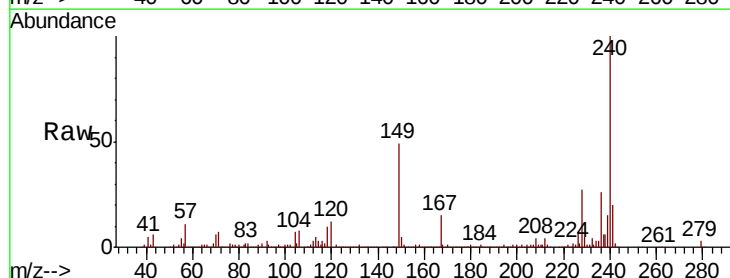
Tgt Ion:240 Resp: 516280

Ion Ratio Lower Upper

240 100

120 11.6 8.9 13.3

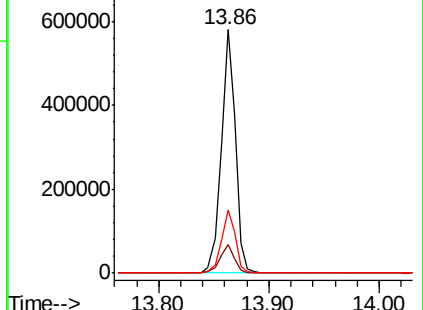
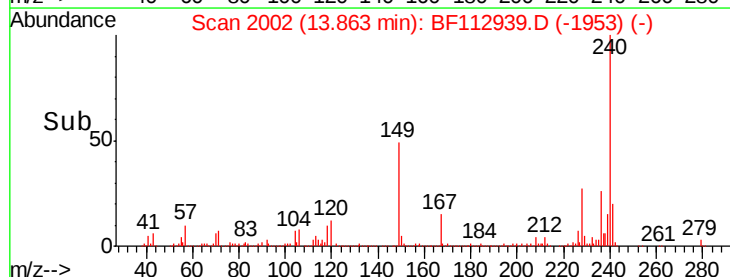
236 26.1 20.7 31.1

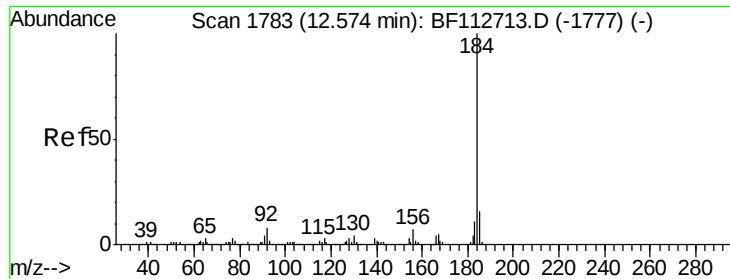


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

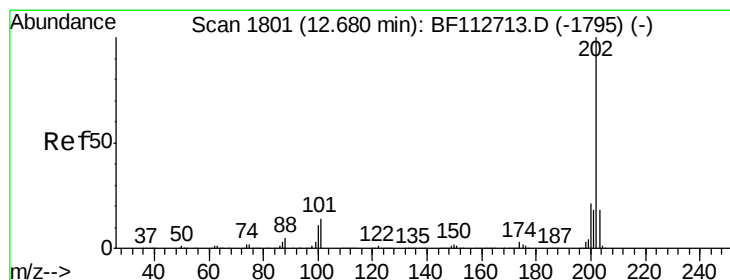
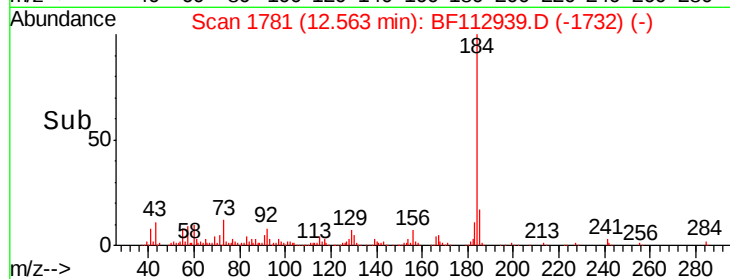
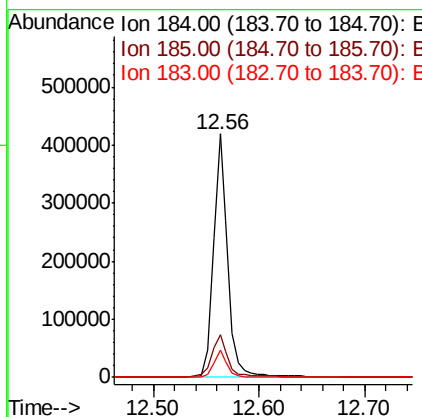
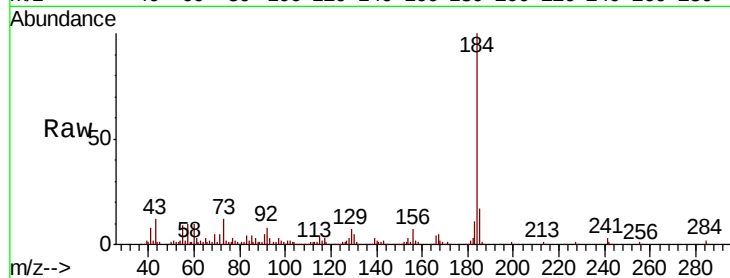




#77
Benzidine
Concen: 14.897 ng
RT: 12.56 min Scan# 1781
Delta R.T. -0.01 min
Lab File: BF112939.D
Acq: 8 Mar 2019 12:56

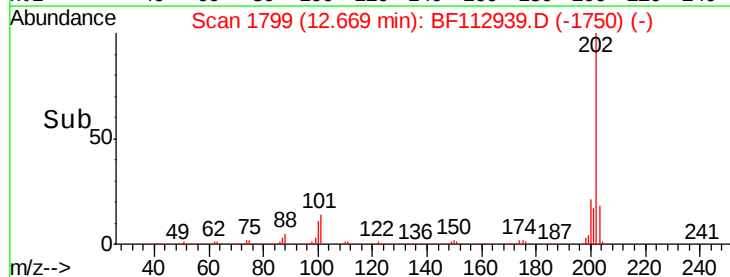
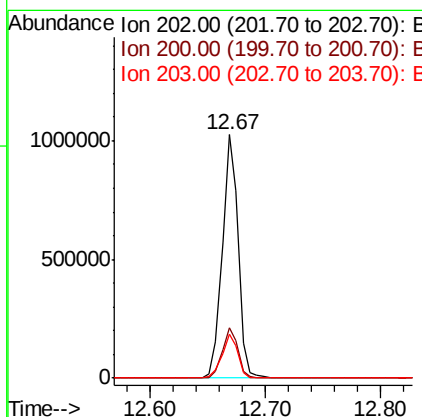
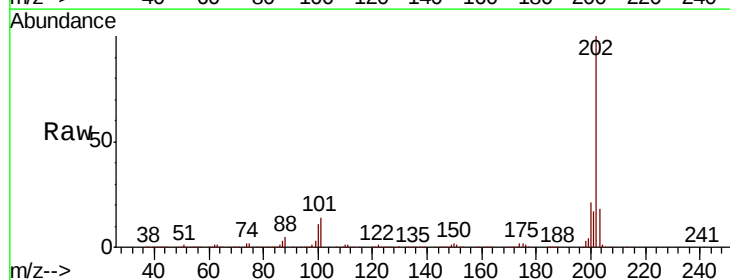
Instrument :
BNA_F
ClientSampleId :

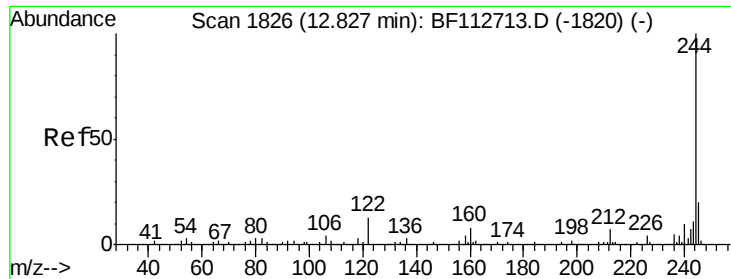
Tot Ion:184 Resp: 399027
Ion Ratio Lower Upper
184 100
185 17.3 12.6 18.8
183 11.1 8.6 12.8



#78
Pyrene
Concen: 22.379 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BF112939.D
Acq: 8 Mar 2019 12:56

Tgt Ion:202 Resp: 973995
Ion Ratio Lower Upper
202 100
200 20.5 17.0 25.4
203 17.9 14.4 21.6



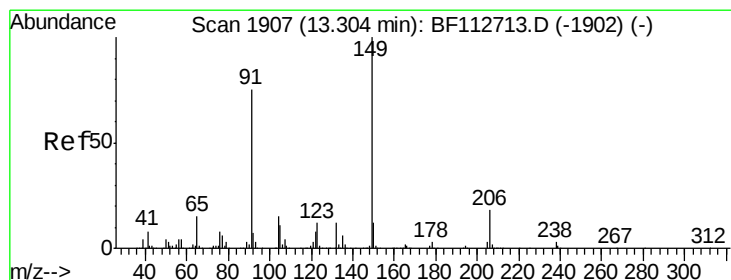
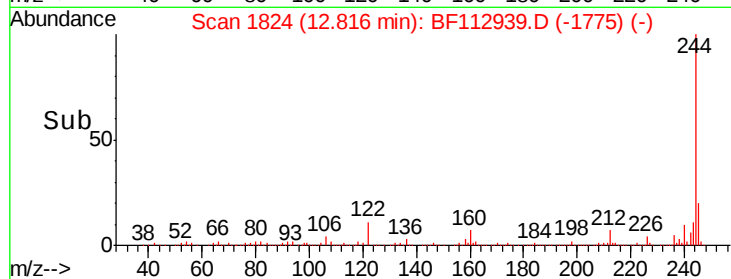
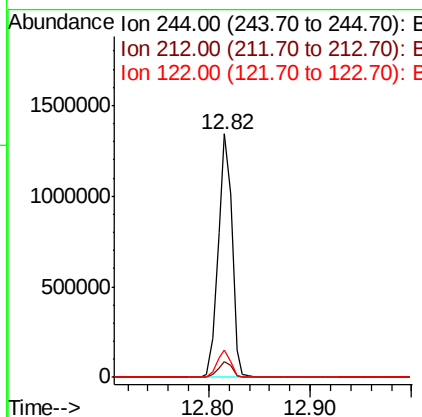
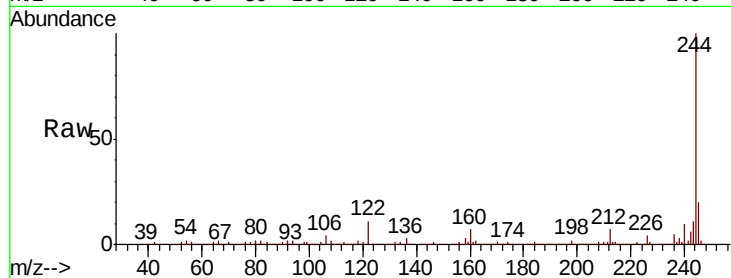


#79
 Terphenyl-d14
 Concen: 47.523 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BF112939.D
 Acq: 8 Mar 2019 12:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1265686

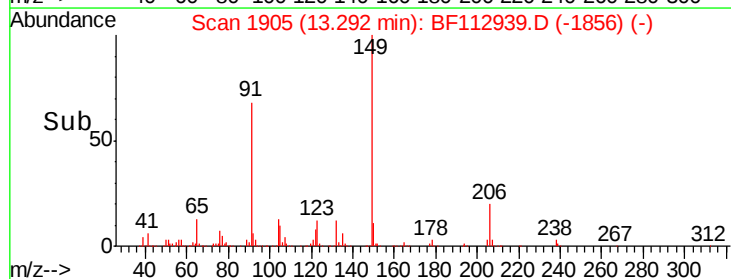
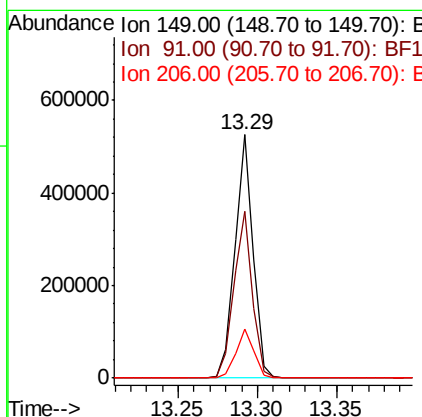
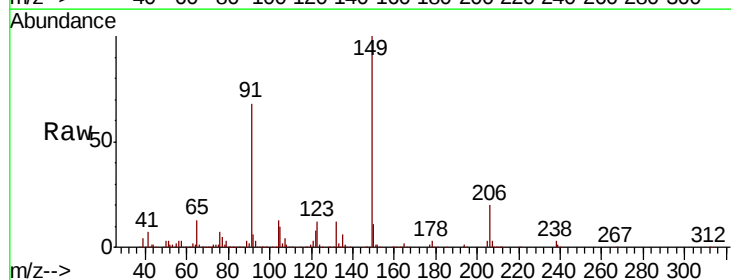
Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.6	8.4
122	11.2	10.5	15.7

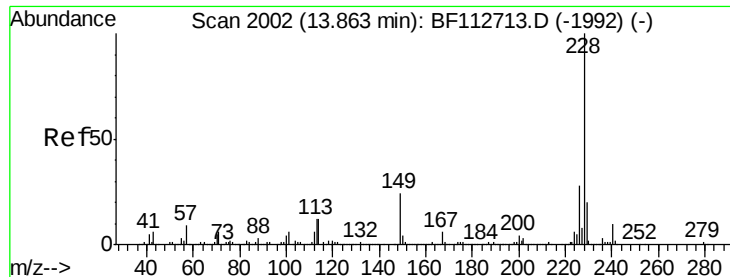


#80
 Butylbenzylphthalate
 Concen: 21.797 ng
 RT: 13.29 min Scan# 1905
 Delta R.T. -0.01 min
 Lab File: BF112939.D
 Acq: 8 Mar 2019 12:56

Tgt Ion:149 Resp: 418753

Ion	Ratio	Lower	Upper
149	100		
91	68.5	59.9	89.9
206	20.0	14.7	22.1





#81

Benzo(a)anthracene

Concen: 20.857 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF112939.D

Acq: 8 Mar 2019 12:56

Instrument :

BNA_F

ClientSampled :

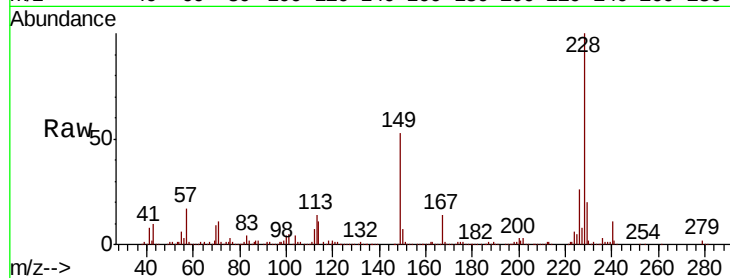
Tot Ion:228 Resp: 746290

Ion Ratio Lower Upper

228 100

226 26.5 22.2 33.4

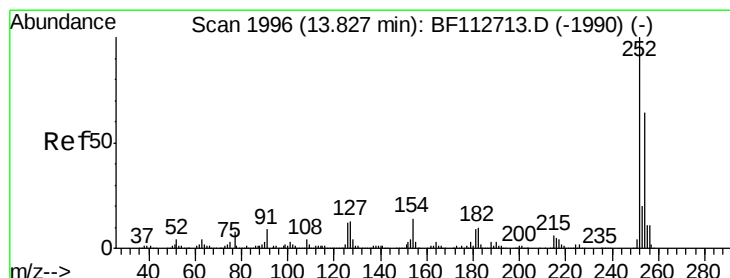
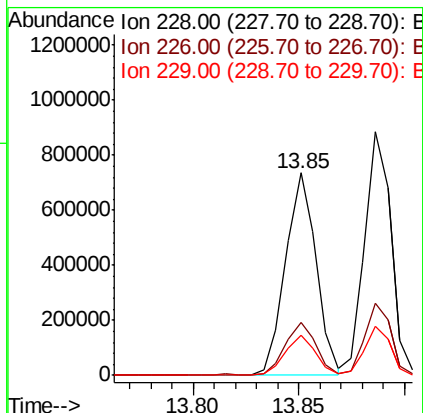
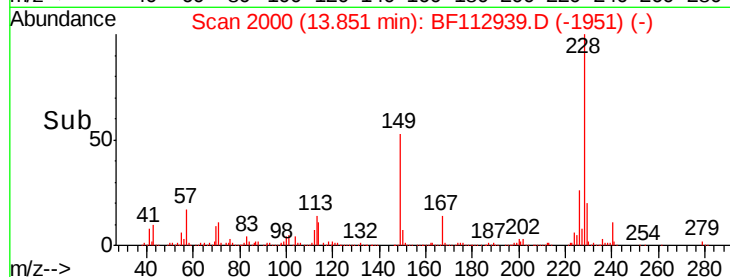
229 20.0 16.0 24.0



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: 18.112 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BF112939.D

Acq: 8 Mar 2019 12:56

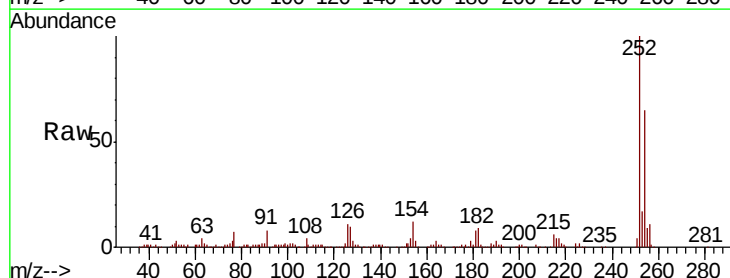
Tgt Ion:252 Resp: 245108

Ion Ratio Lower Upper

252 100

254 65.4 51.1 76.7

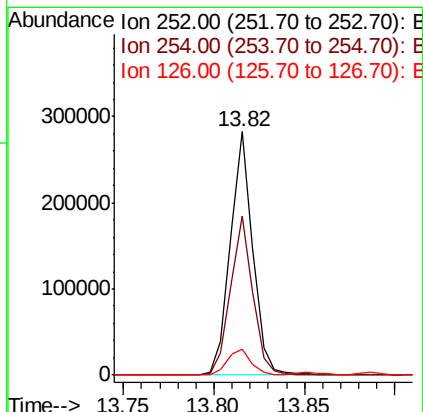
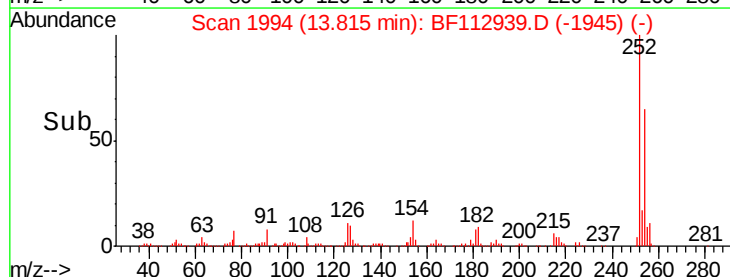
126 10.8 9.9 14.9

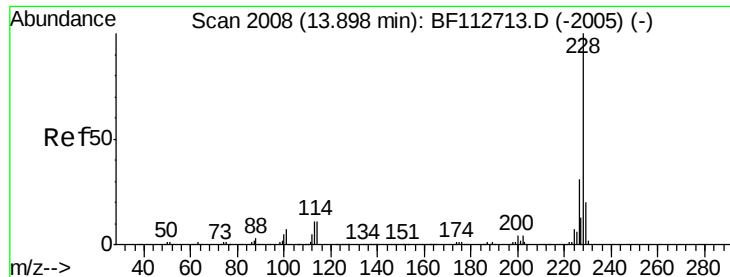


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

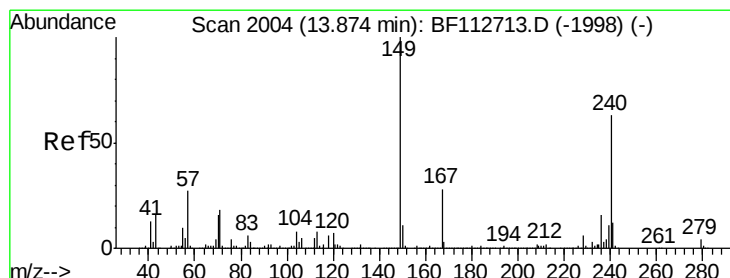
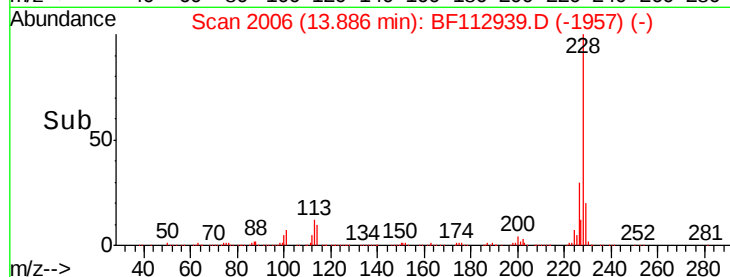
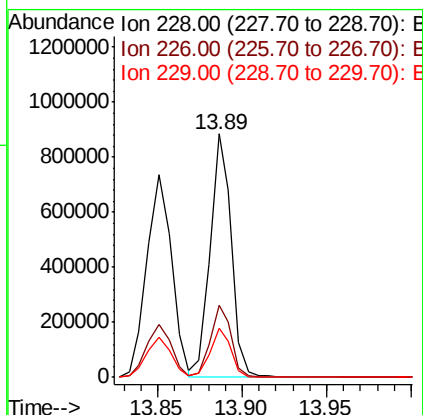
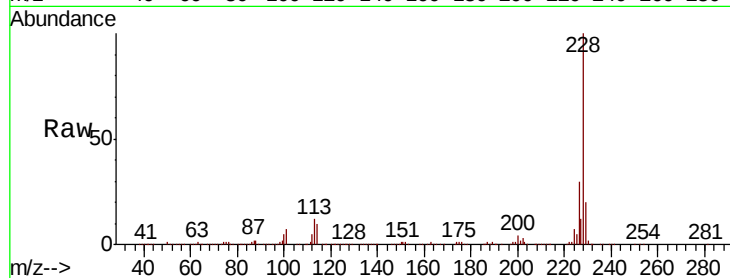




#83
Chrysene
Concen: 22.103 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF112939.D
Acq: 8 Mar 2019 12:56

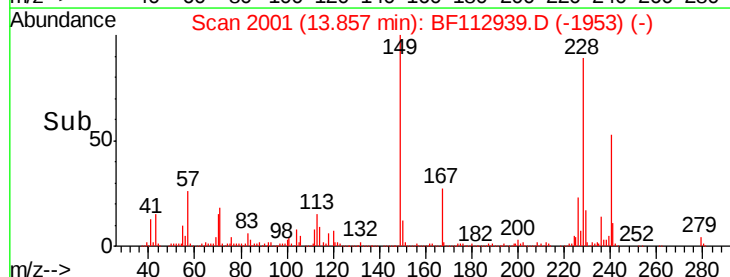
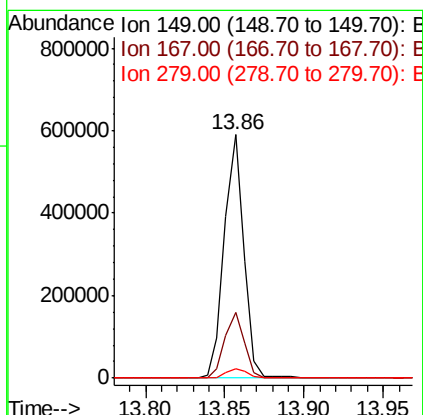
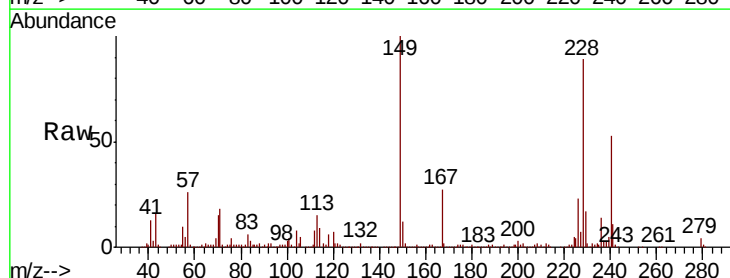
Instrument :
BNA_F
ClientSampleId :

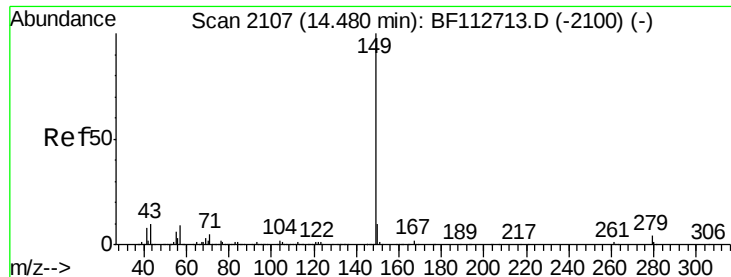
Tot Ion:228 Resp: 774681
Ion Ratio Lower Upper
228 100
226 29.5 24.9 37.3
229 20.3 16.3 24.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 22.330 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.02 min
Lab File: BF112939.D
Acq: 8 Mar 2019 12:56

Tgt Ion:149 Resp: 503194
Ion Ratio Lower Upper
149 100
167 27.2 22.4 33.6
279 4.0 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 23.062 ng

RT: 14.46 min Scan# 2104

Delta R.T. -0.02 min

Lab File: BF112939.D

Acq: 8 Mar 2019 12:56

Instrument :

BNA_F

ClientSampled :

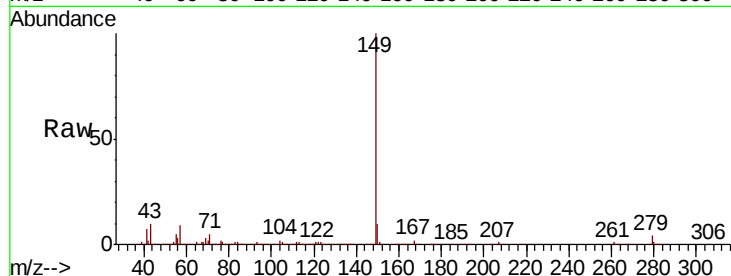
Tot Ion:149 Resp: 892354

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

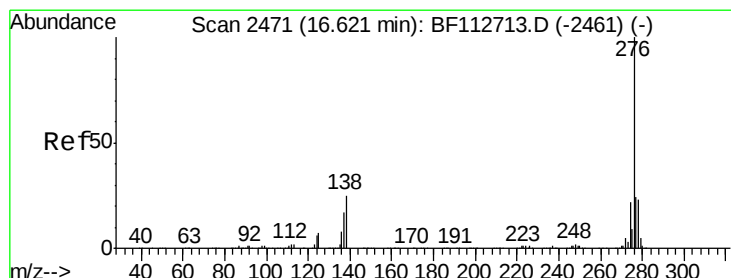
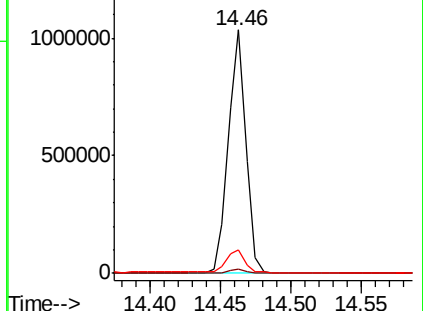
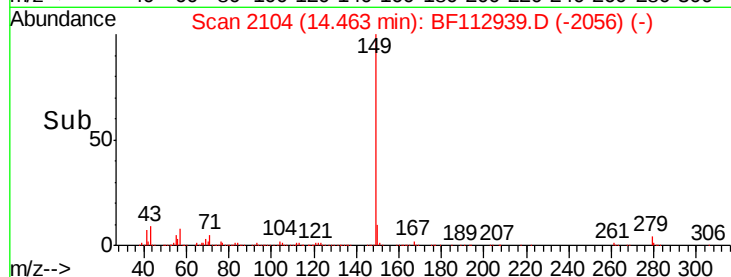
43 9.8 9.0 13.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 28.692 ng

RT: 16.62 min Scan# 2471

Delta R.T. 0.00 min

Lab File: BF112939.D

Acq: 8 Mar 2019 12:56

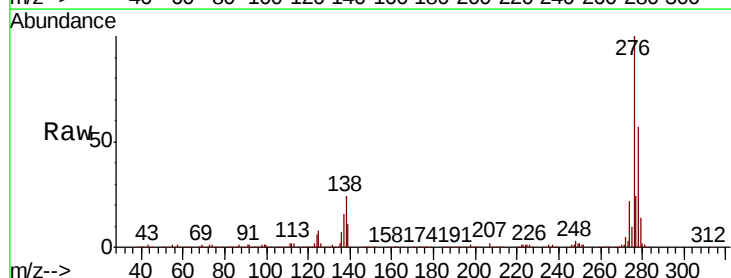
Tgt Ion:276 Resp: 857327

Ion Ratio Lower Upper

276 100

138 24.9 23.2 34.8

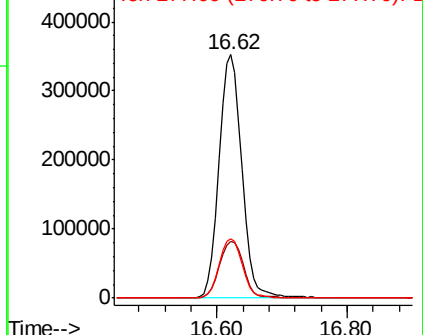
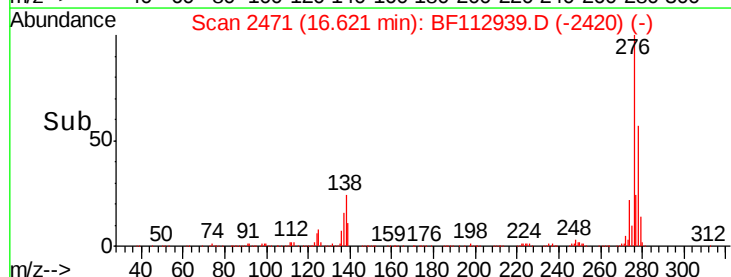
277 25.0 19.9 29.9

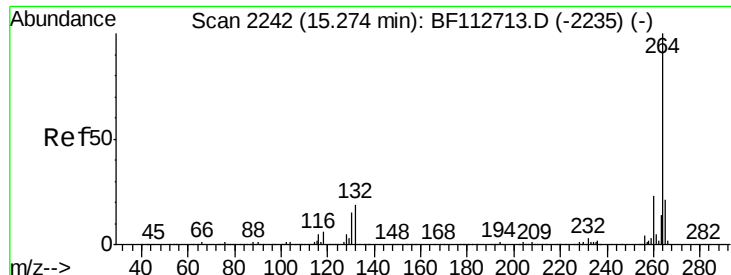


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

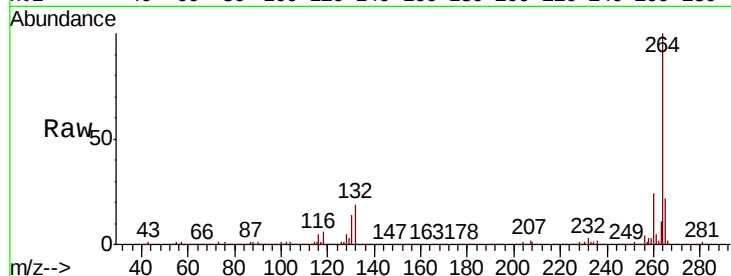




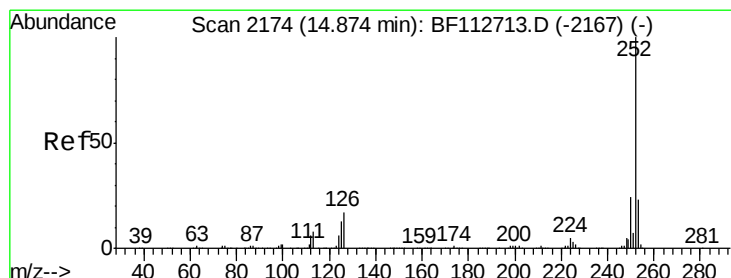
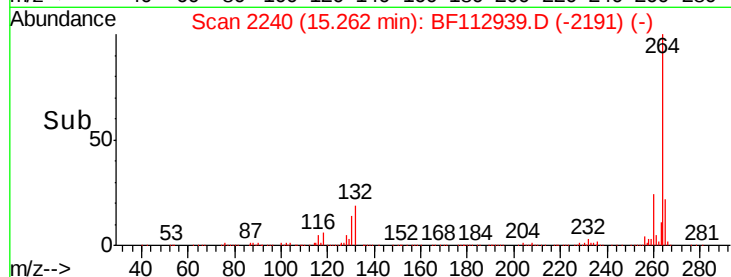
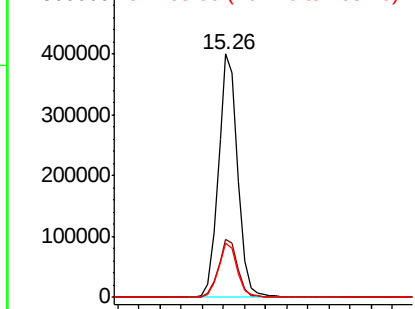
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BF112939.D
Acq: 8 Mar 2019 12:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:264 Resp: 512393
Ion Ratio Lower Upper
264 100
260 23.9 18.7 28.1
265 22.1 17.2 25.8

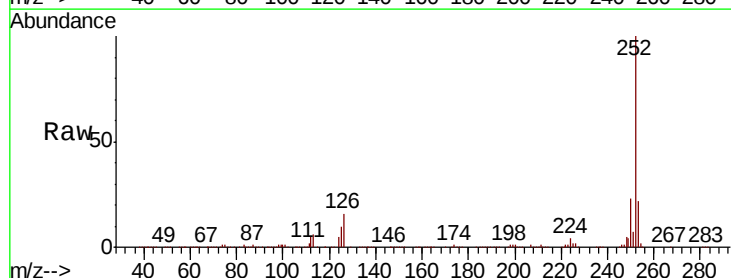


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

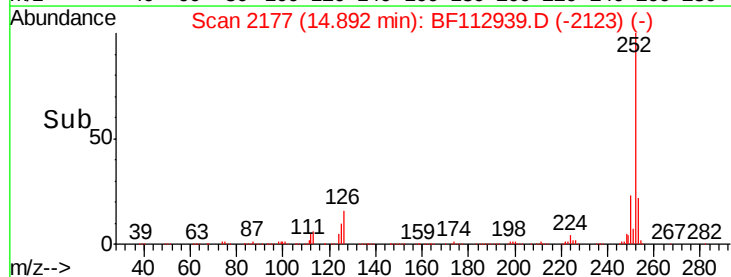
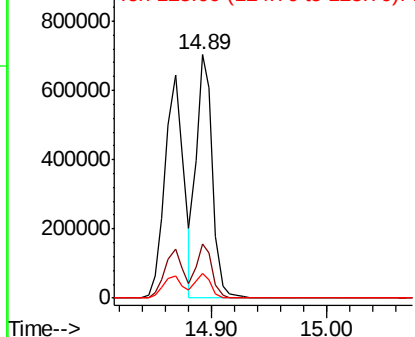


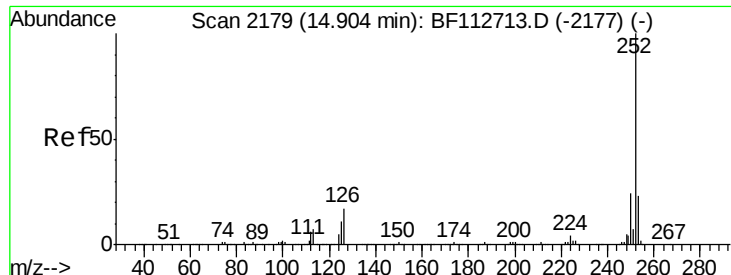
#88
Benzo(b)fluoranthene
Concen: 20.830 ng
RT: 14.89 min Scan# 2177
Delta R.T. 0.02 min
Lab File: BF112939.D
Acq: 8 Mar 2019 12:56

Tgt Ion:252 Resp: 690354
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 10.4 10.2 15.2



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

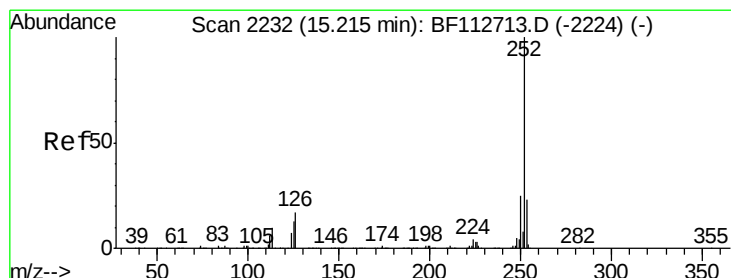
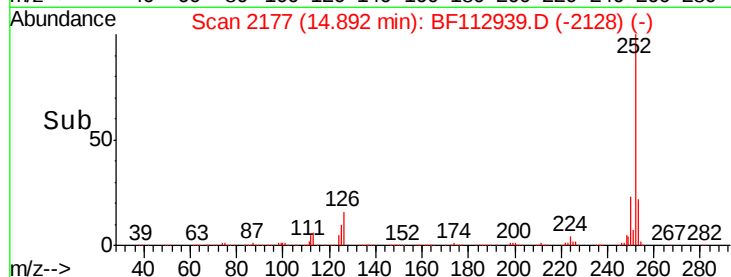
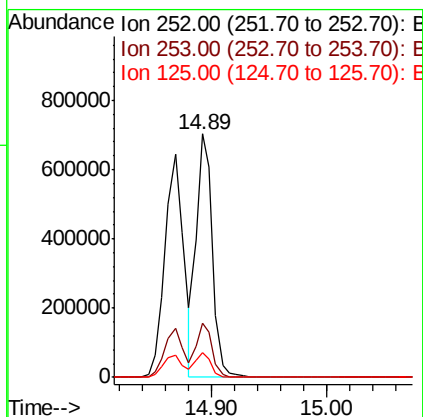
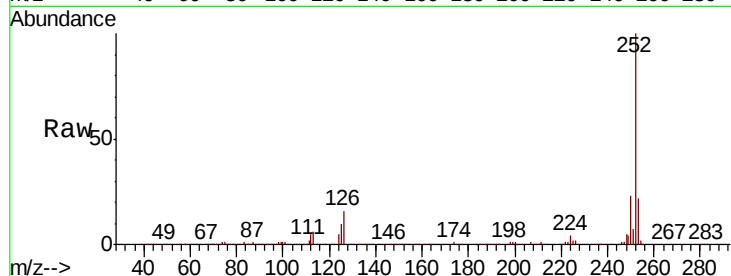




#89
Benzo(k)fluoranthene
Concen: 22.996 ng
RT: 14.89 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BF112939.D
Acq: 8 Mar 2019 12:56

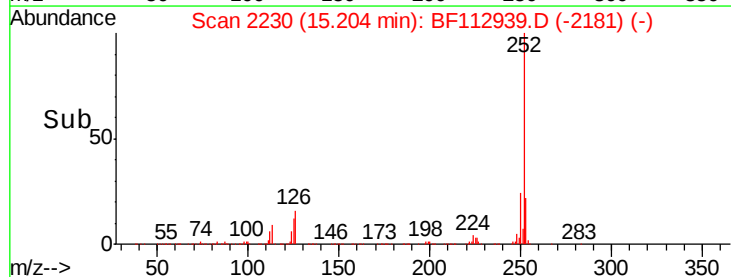
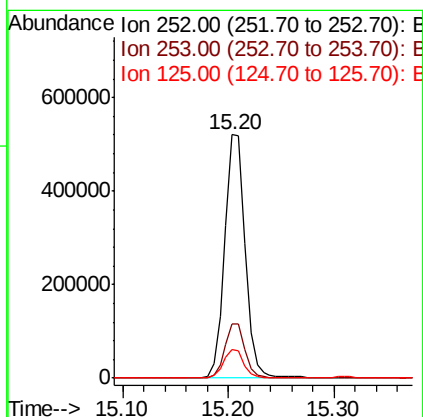
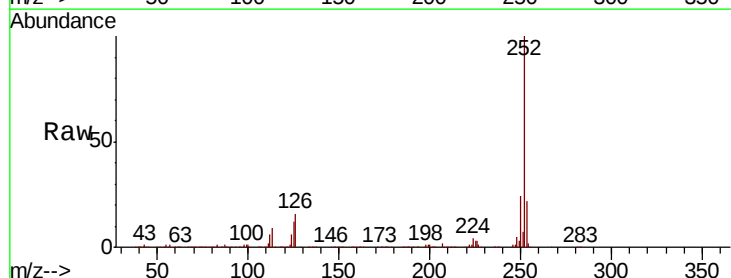
Instrument :
BNA_F
ClientSampled :

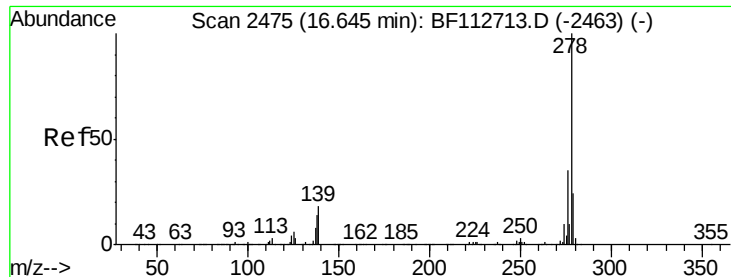
Tot Ion:252 Resp: 690354
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.2
125 10.4 9.8 14.6



#90
Benzo(a)pyrene
Concen: 23.892 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF112939.D
Acq: 8 Mar 2019 12:56

Tgt Ion:252 Resp: 700411
Ion Ratio Lower Upper
252 100
253 22.1 18.0 27.0
125 11.7 10.7 16.1





#91

Dibenzo(a,h)anthracene

Concen: 28.900 ng

RT: 16.63 min Scan# 2473

Delta R.T. -0.01 min

Lab File: BF112939.D

Acq: 8 Mar 2019 12:56

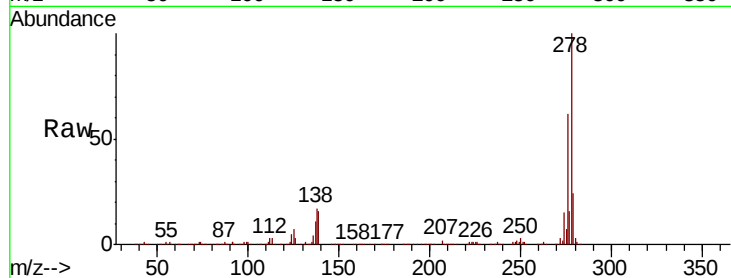
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 722947

Ion	Ratio	Lower	Upper
278	100		
139	15.9	14.3	21.5
279	23.9	19.4	29.0

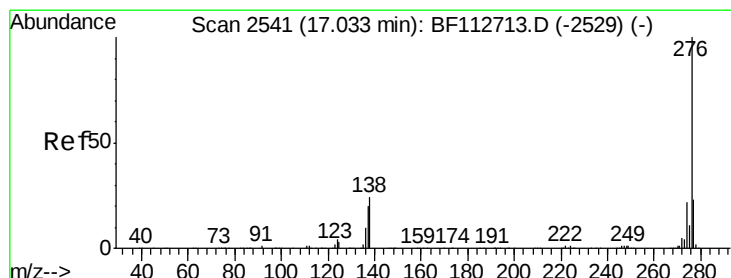
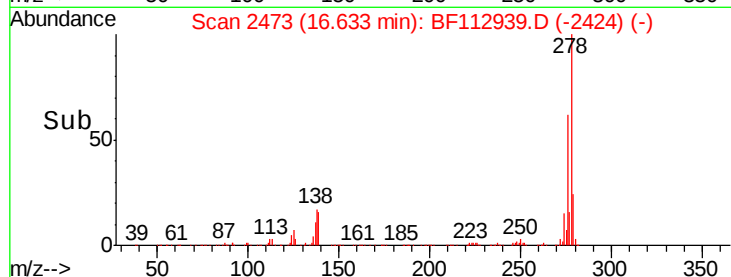
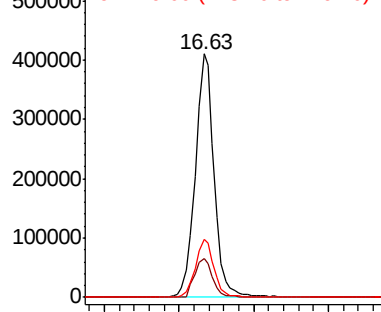


Abundance

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: 29.866 ng

RT: 17.03 min Scan# 2540

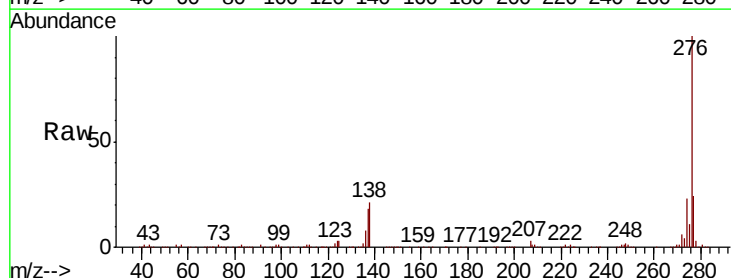
Delta R.T. -0.01 min

Lab File: BF112939.D

Acq: 8 Mar 2019 12:56

Tgt Ion:276 Resp: 750212

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.6	27.8
138	21.5	19.4	29.0



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

