

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122718\
 Data File : BF111759.D
 Acq On : 27 Dec 2018 13:49
 Operator : JU/SJ
 Sample : J6446-14MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS022-0612-01MS

Quant Time: Dec 28 00:12:37 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	157097	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	551727	20.00	ng	0.00
39) Acenaphthene-d10	9.95	164	241220	20.00	ng	0.01
64) Phenanthrene-d10	11.43	188	394249	20.00	ng	0.01
76) Chrysene-d12	14.07	240	363118	20.00	ng	0.02
87) Perylene-d12	15.56	264	271394	20.00	ng	0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	952188	103.31	ng	0.04
7) Phenol-d6	6.56	99	1198498	102.18	ng	0.04
23) Nitrobenzene-d5	7.47	82	778932	82.18	ng	0.01
42) 2,4,6-Tribromophenol	10.73	330	296473	104.02	ng	0.01
45) 2-Fluorobiphenyl	9.26	172	1350785	81.62	ng	0.00
79) Terphenyl-d14	13.01	244	1169373	61.07	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.74	88	112162	25.866	ng	96
3) Pyridine	3.55	79	44302	3.922	ng	96
4) n-Nitrosodimethylamine	3.45	42	198219	35.852	ng	82
8) 2-Chlorophenol	6.70	128	353331	34.608	ng	99
9) Benzaldehyde	6.45	77	118922	14.742	ng	98
10) Phenol	6.57	94	456031	34.458	ng	99
11) bis(2-Chloroethyl)ether	6.64	93	335022	33.782	ng	100
12) 1,3-Dichlorobenzene	6.85	146	398204	33.656	ng	98
13) 1,4-Dichlorobenzene	6.92	146	402075	33.508	ng	97
14) 1,2-Dichlorobenzene	7.08	146	379345	33.885	ng	97
15) Benzyl Alcohol	7.05	79	311711	33.462	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.18	45	562203	30.781	ng	90
17) 2-Methylphenol	7.17	107	272063	33.280	ng	# 89
18) Hexachloroethane	7.42	117	132353	32.732	ng	# 82
19) n-Nitroso-di-n-propylamine	7.32	70	253190	32.504	ng	97
20) 3+4-Methylphenols	7.32	107	343289	33.233	ng	93
22) Acetophenone	7.31	105	479987	34.340	ng	# 91
24) Nitrobenzene	7.49	77	374078	37.655	ng	99
25) Isophorone	7.72	82	648835	38.559	ng	97
26) 2-Nitrophenol	7.80	139	182269	45.238	ng	95
27) 2,4-Dimethylphenol	7.85	122	289771	36.484	ng	95
28) bis(2-Chloroethoxy)methane	7.93	93	408000	36.436	ng	97
29) 2,4-Dichlorophenol	8.05	162	289170	33.850	ng	96
30) 1,2,4-Trichlorobenzene	8.13	180	331425	34.815	ng	97
31) Naphthalene	8.21	128	995905	37.568	ng	97
32) Benzoic acid	7.95	122	138283	26.333	ng	89
33) 4-Chloroaniline	8.26	127	23562	2.056	ng	97
34) Hexachlorobutadiene	8.33	225	201356	34.705	ng	97
35) Caprolactam	8.62	113	47511	16.413	ng	92
36) 4-Chloro-3-methylphenol	8.75	107	264328	31.477	ng	96
37) 2-Methylnaphthalene	8.90	142	645313	37.415	ng	98
38) 1-Methylnaphthalene	9.00	142	601742	36.327	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.07	216	315608	39.817	ng	97
41) Hexachlorocyclopentadiene	9.06	237	203889	53.007	ng	99

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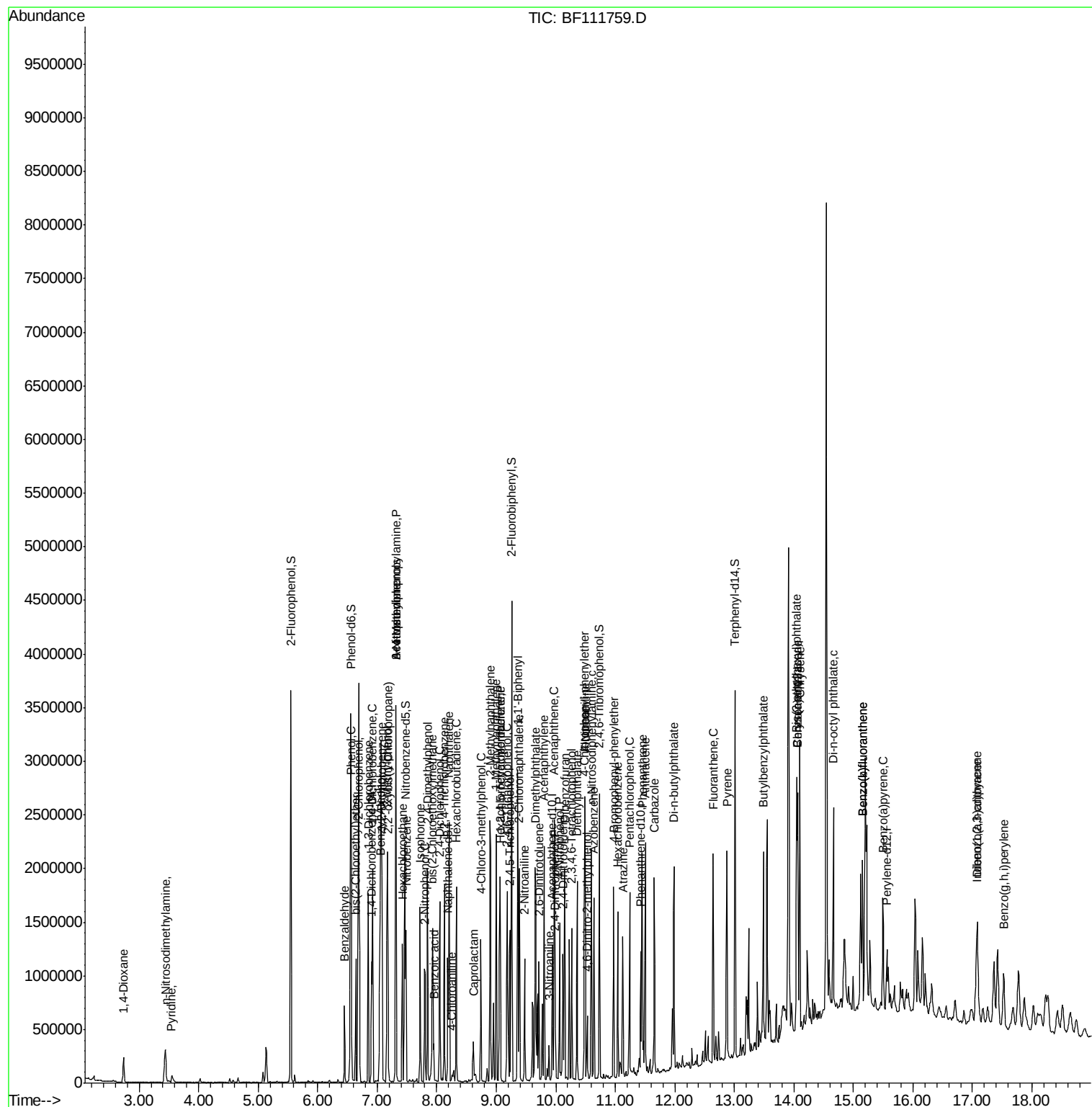
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.18	196	193625	36.587	ng	98
44) 2,4,5-Trichlorophenol	9.23	196	194284	35.785	ng	# 91
46) 1,1'-Biphenyl	9.36	154	787399	38.669	ng	94
47) 2-Chloronaphthalene	9.39	162	596953	37.002	ng	94
48) 2-Nitroaniline	9.48	65	169165	40.306	ng	96
49) Acenaphthylene	9.80	152	885682	37.600	ng	95
50) Dimethylphthalate	9.66	163	827295	46.900	ng	99
51) 2,6-Dinitrotoluene	9.72	165	144623	41.117	ng	99
52) Acenaphthene	9.97	154	575541	39.616	ng	98
53) 3-Nitroaniline	9.89	138	44559	11.879	ng	96
54) 2,4-Dinitrophenol	9.99	184	104837	91.699	ng	94
55) Dibenzofuran	10.15	168	792161	36.091	ng	94
56) 4-Nitrophenol	10.06	139	188194	65.738	ng	89
57) 2,4-Dinitrotoluene	10.12	165	179623	42.490	ng	# 99
58) Fluorene	10.49	166	597063	37.750	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.27	232	156868	34.333	ng	92
60) Diethylphthalate	10.36	149	631078	36.471	ng	99
61) 4-Chlorophenyl-phenylether	10.48	204	304849	34.887	ng	93
62) 4-Nitroaniline	10.50	138	52625	14.434	ng	93
63) Azobenzene	10.64	77	559043	32.182	ng	96
65) 4,6-Dinitro-2-methylphenol	10.53	198	68756	43.006	ng	# 68
66) n-Nitrosodiphenylamine	10.60	169	500056	37.785	ng	98
67) 4-Bromophenyl-phenylether	10.97	248	180177	36.846	ng	98
68) Hexachlorobenzene	11.05	284	202294	37.103	ng	# 94
69) Atrazine	11.13	200	154533	33.612	ng	93
70) Pentachlorophenol	11.24	266	204026	60.531	ng	95
71) Phenanthrene	11.46	178	807383	38.615	ng	93
72) Anthracene	11.50	178	803063	38.265	ng	95
73) Carbazole	11.66	167	679562	33.352	ng	95
74) Di-n-butylphthalate	11.99	149	873986	38.257	ng	96
75) Fluoranthene	12.65	202	811332	38.320	ng	94
78) Pyrene	12.87	202	833109	32.489	ng	94
80) Butylbenzylphthalate	13.49	149	372909	35.676	ng	# 90
81) Benzo(a)anthracene	14.06	228	780736	37.675	ng	97
83) Chrysene	14.10	228	722303	35.463	ng	97
84) Bis(2-ethylhexyl)phthalate	14.04	149	534710	40.612	ng	98
85) Di-n-octyl phthalate	14.66	149	874144	42.852	ng	100
86) Indeno(1,2,3-cd)pyrene	17.07	276	508148	29.348	ng	# 87
88) Benzo(b)fluoranthene	15.15	252	569477	35.903	ng	97
89) Benzo(k)fluoranthene	15.15	252	569477	37.713	ng	97
90) Benzo(a)pyrene	15.50	252	544809	37.807	ng	# 95
91) Dibenzo(a,h)anthracene	17.09	278	431513	34.197	ng	# 91
92) Benzo(g,h,i)perylene	17.53	276	403269	32.728	ng	# 86

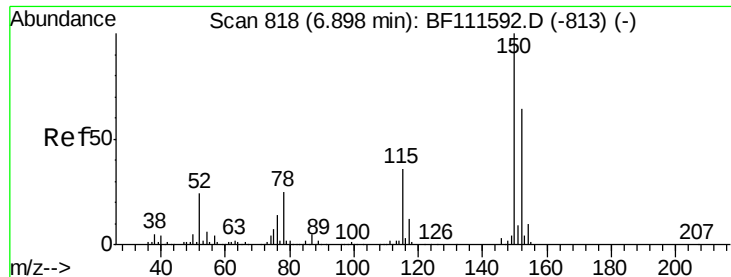
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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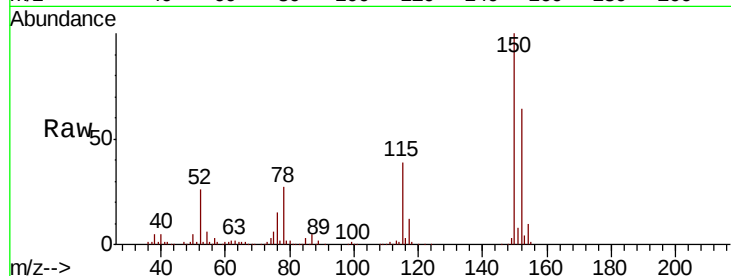


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111759.D
Acq: 27 Dec 2018 13:49

Instrument :
BNA_F
ClientSampleId :
P001-SS022-0612-01MS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.8	126.6	189.8
115	60.1	50.7	76.1

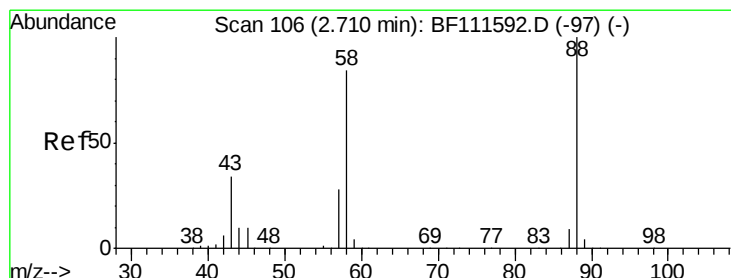
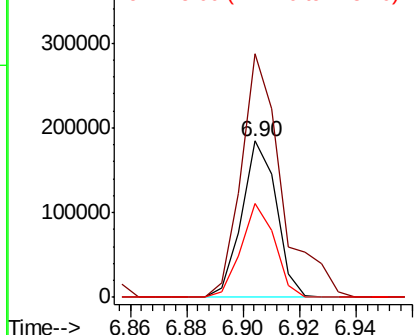
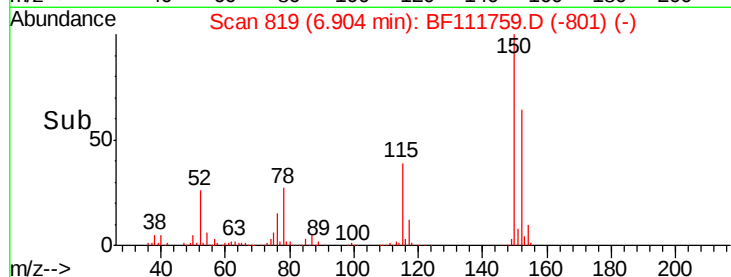


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

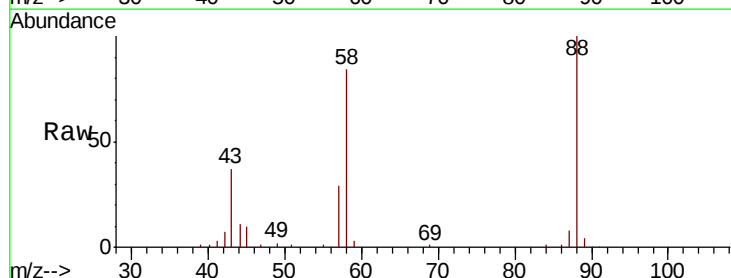
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 25.866 ng
RT: 2.74 min Scan# 111
Delta R.T. 0.03 min
Lab File: BF111759.D
Acq: 27 Dec 2018 13:49

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.2	68.9	103.3
43	36.6	25.8	38.6

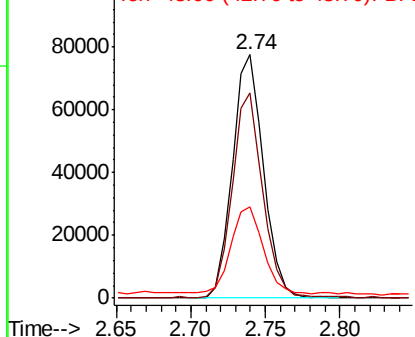
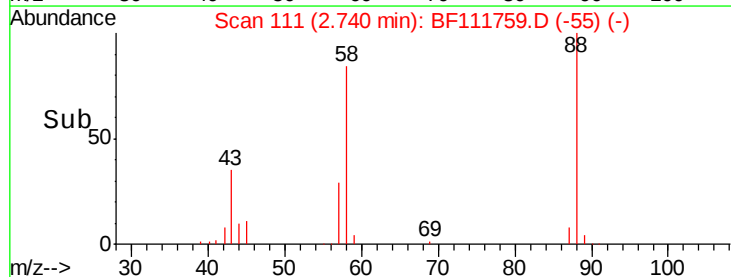


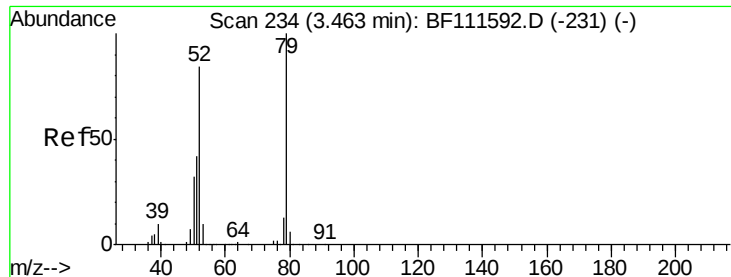
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

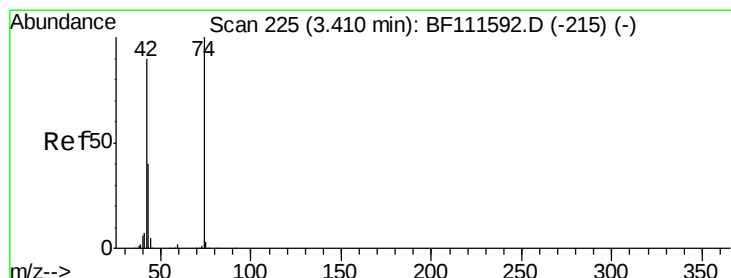
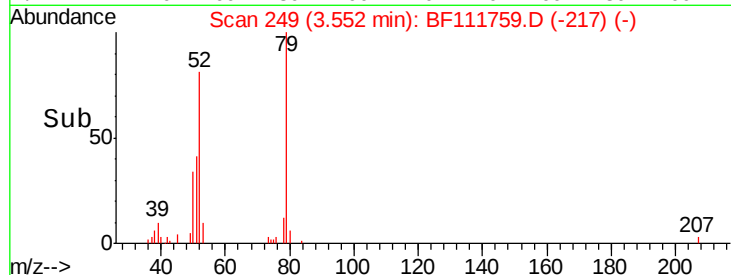
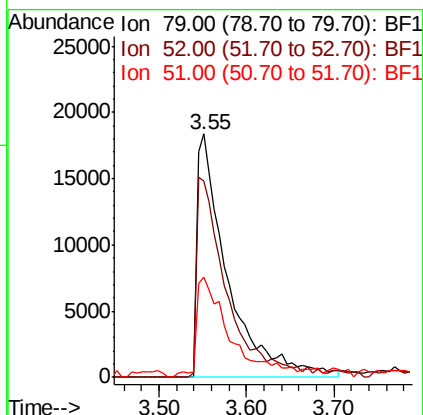
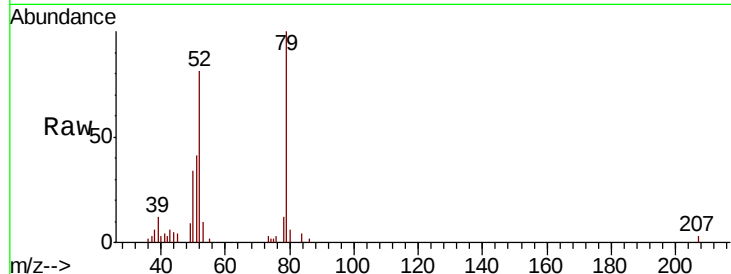




#3
 Pyridine
 Concen: 3.922 ng
 RT: 3.55 min Scan# 249
 Delta R.T. 0.09 min
 Lab File: BF111759.D
 Acq: 27 Dec 2018 13:49

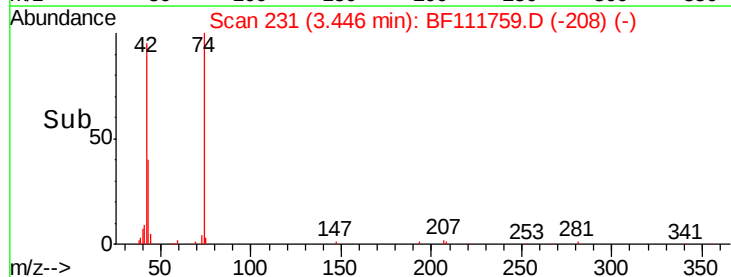
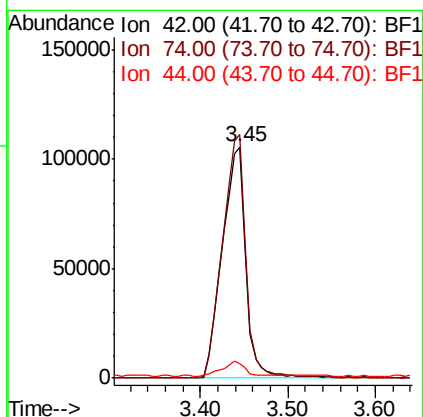
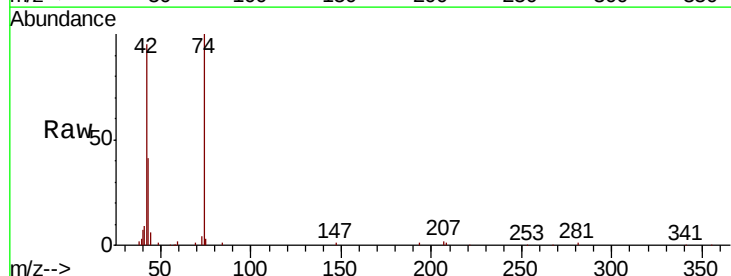
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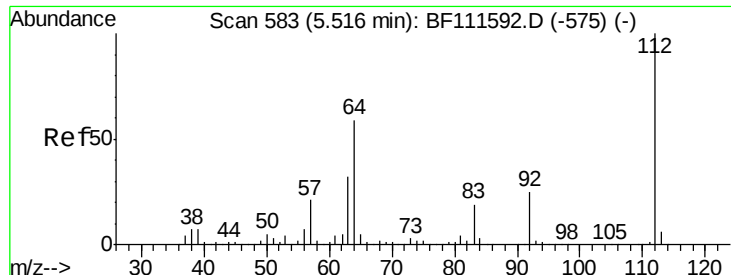
Tgt Ion: 79 Resp: 44302
 Ion Ratio Lower Upper
 79 100
 52 80.5 68.3 102.5
 51 41.1 32.6 49.0



#4
 n-Nitrosodimethylamine
 Concen: 35.852 ng
 RT: 3.45 min Scan# 231
 Delta R.T. 0.04 min
 Lab File: BF111759.D
 Acq: 27 Dec 2018 13:49

Tgt Ion: 42 Resp: 198219
 Ion Ratio Lower Upper
 42 100
 74 105.4 101.5 152.3
 44 6.3 6.0 9.0

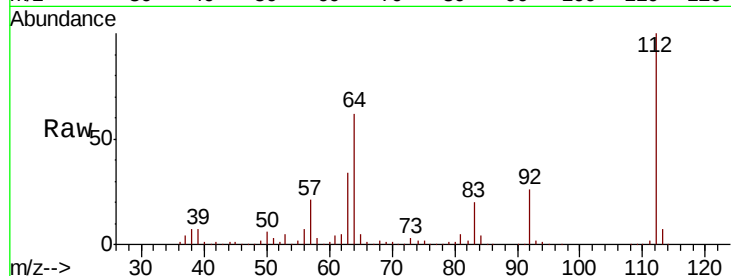




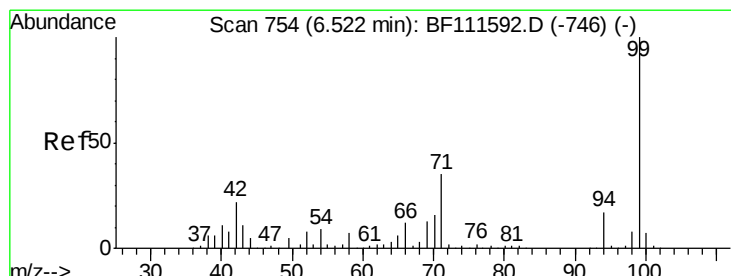
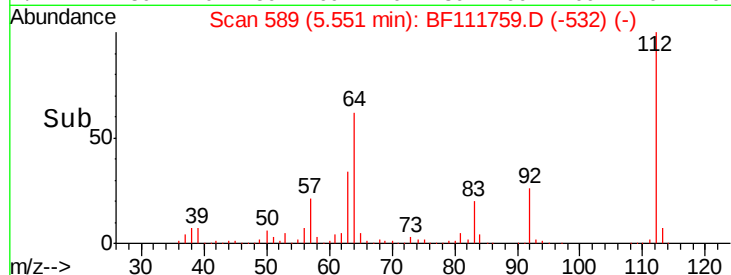
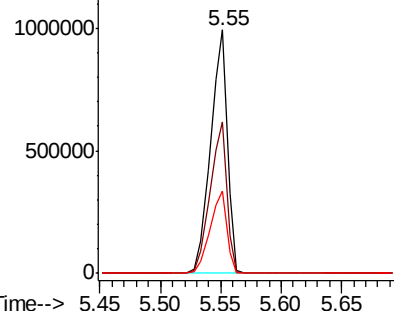
#5
2-Fluorophenol
Concen: 103.314 ng
RT: 5.55 min Scan# 589
Delta R.T. 0.04 min
Lab File: BF111759.D
Acq: 27 Dec 2018 13:49

Instrument :
BNA_F
ClientSampleId :
P001-SS022-0612-01MS

Tgt Ion: 112 Resp: 952188
Ion Ratio Lower Upper
112 100
64 62.0 51.8 77.6
63 33.8 26.8 40.2

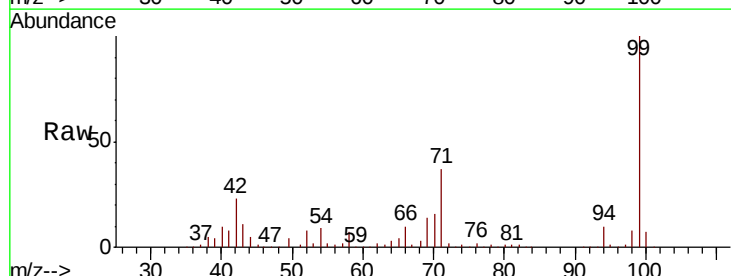


Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

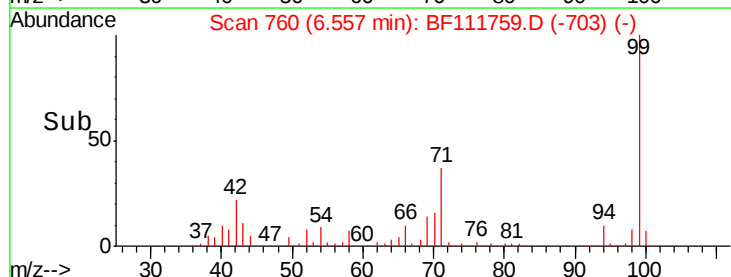
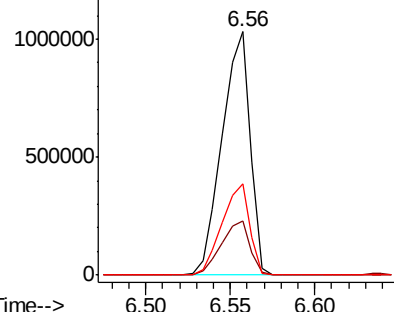


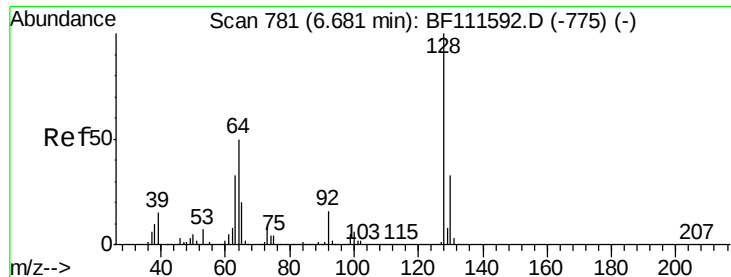
#7
Phenol-d6
Concen: 102.180 ng
RT: 6.56 min Scan# 760
Delta R.T. 0.04 min
Lab File: BF111759.D
Acq: 27 Dec 2018 13:49

Tgt Ion: 99 Resp: 1198498
Ion Ratio Lower Upper
99 100
42 22.5 17.4 26.0
71 37.3 26.1 39.1



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: 34.608 ng

RT: 6.70 min Scan# 784

Delta R.T. 0.02 min

Lab File: BF111759.D

Acq: 27 Dec 2018 13:49

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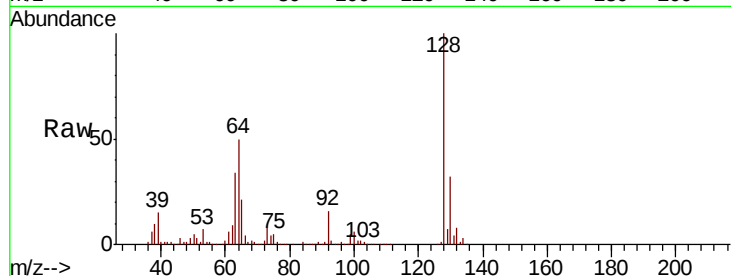
Tgt Ion:128 Resp: 353331

Ion Ratio Lower Upper

128 100

130 32.1 12.7 52.7

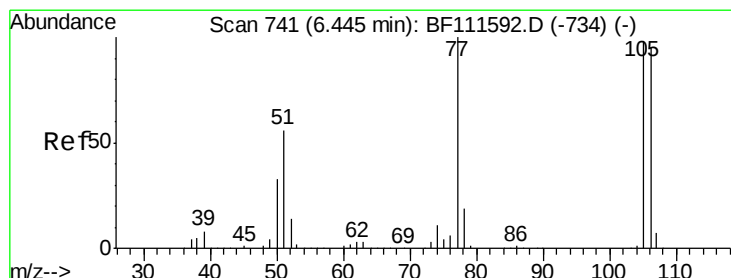
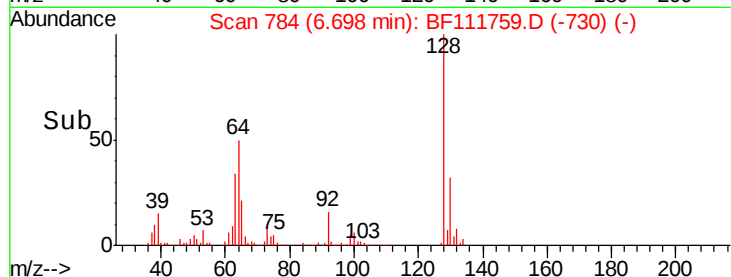
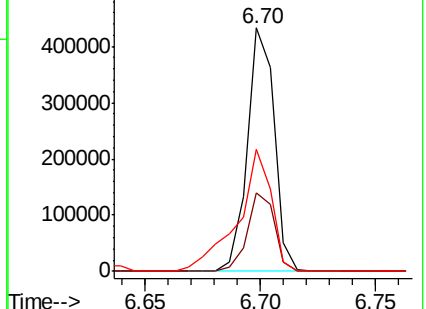
64 50.4 30.0 70.0



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: 14.742 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF111759.D

Acq: 27 Dec 2018 13:49

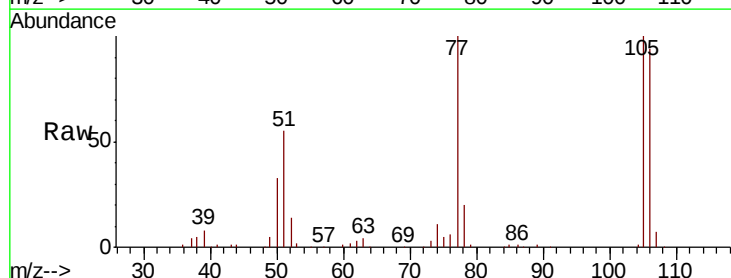
Tgt Ion: 77 Resp: 118922

Ion Ratio Lower Upper

77 100

105 100.4 81.4 121.4

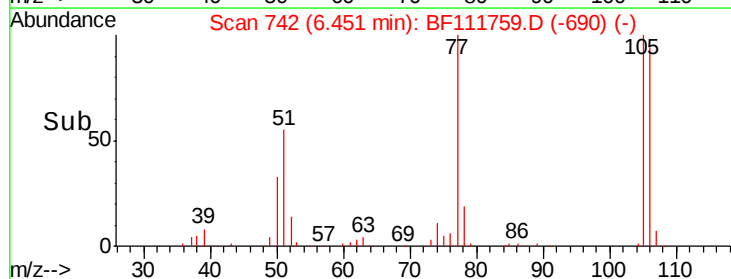
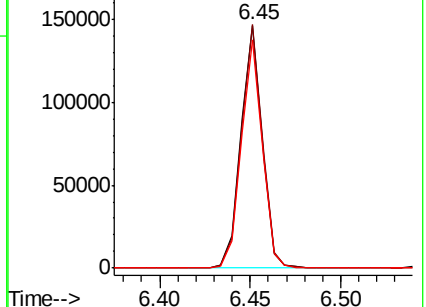
106 94.4 77.9 117.9

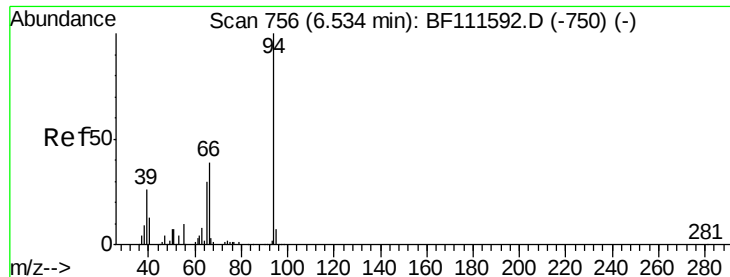


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 34.458 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.04 min

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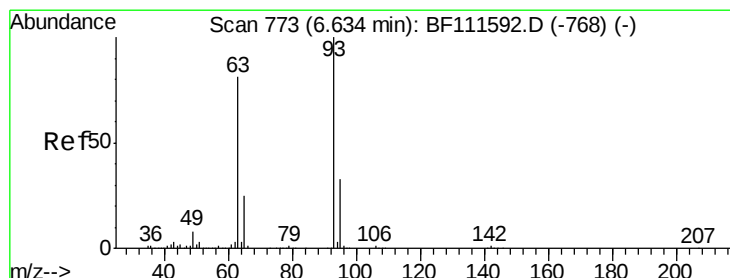
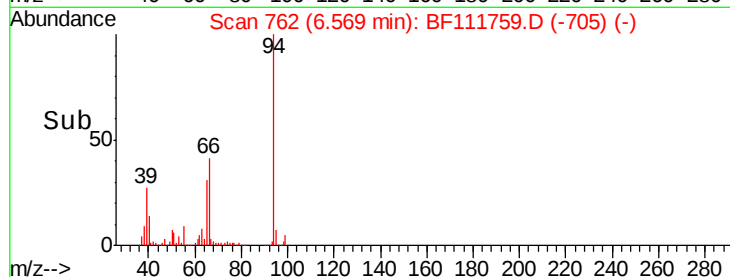
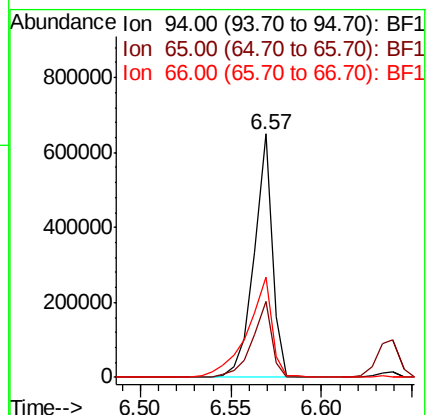
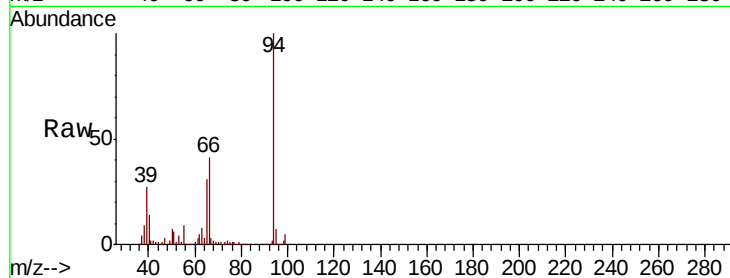
Tgt Ion: 94 Resp: 456031

Ion Ratio Lower Upper

94 100

65 31.2 11.7 51.7

66 41.3 21.0 61.0



#11

bis(2-Chloroethyl)ether

Concen: 33.782 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.01 min

Lab File: BF111759.D

Acq: 27 Dec 2018 13:49

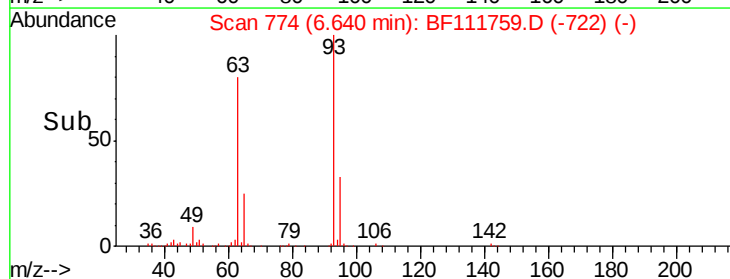
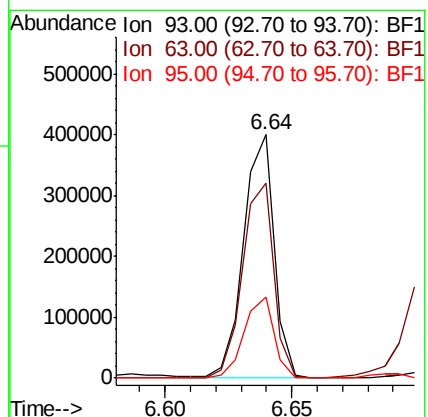
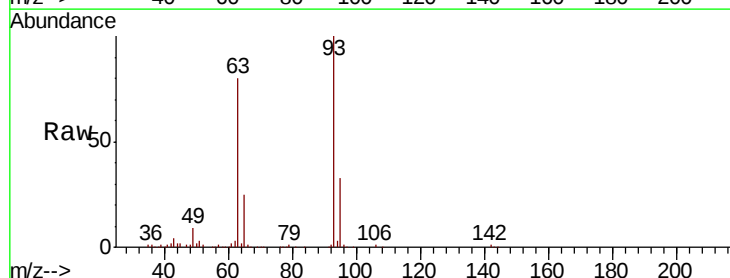
Tgt Ion: 93 Resp: 335022

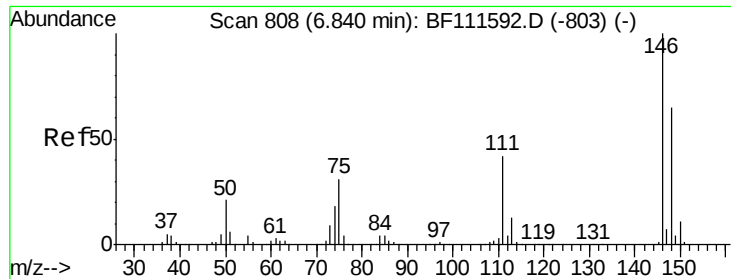
Ion Ratio Lower Upper

93 100

63 80.3 60.0 100.0

95 33.3 13.4 53.4

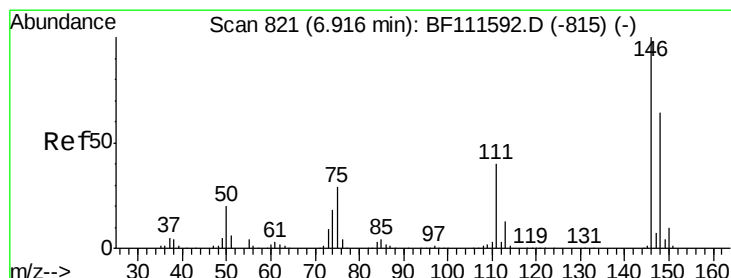
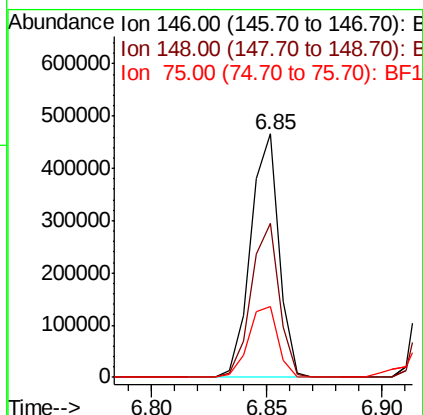
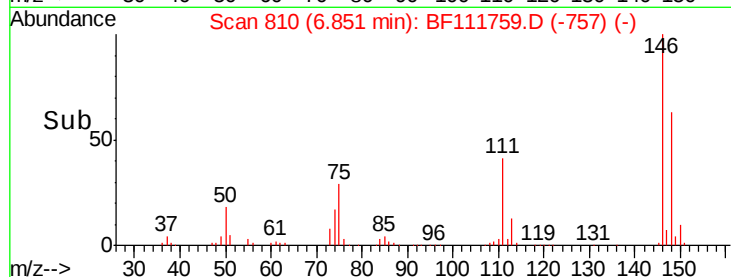
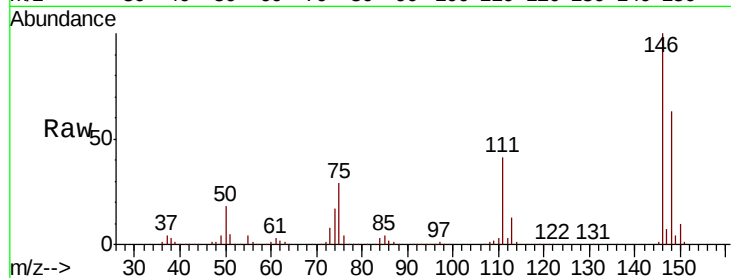




#12
 1,3-Dichlorobenzene
 Concen: 33.656 ng
 RT: 6.85 min Scan# 810
 Delta R.T. 0.01 min
 Lab File: BF111759.D
 Acq: 27 Dec 2018 13:49

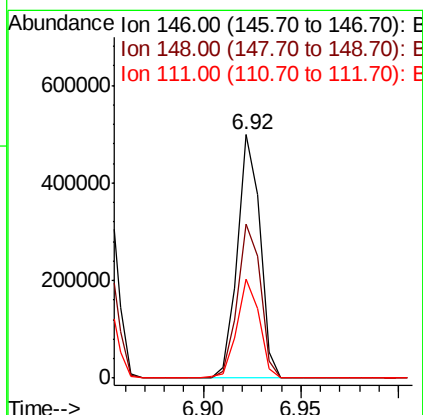
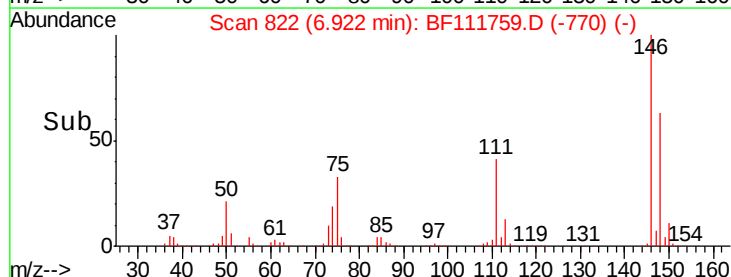
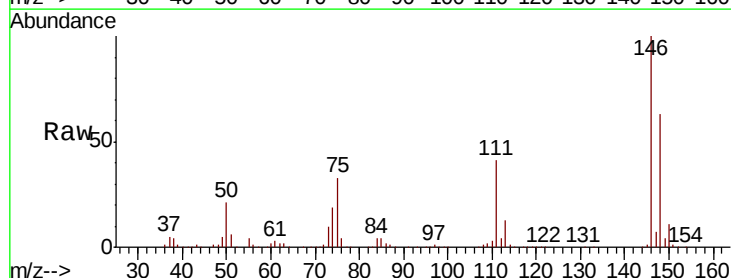
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS022-0612-01MS

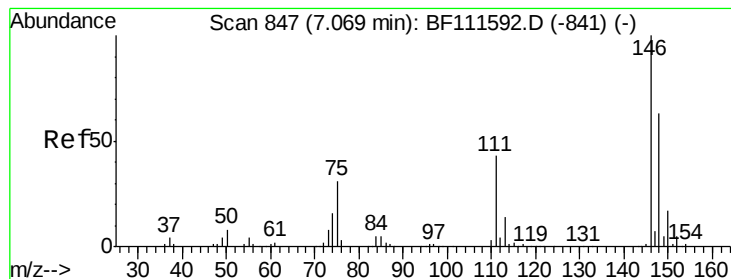
Tgt Ion:146 Resp: 398204
 Ion Ratio Lower Upper
 146 100
 148 63.3 52.1 78.1
 75 29.0 23.9 35.9



#13
 1,4-Dichlorobenzene
 Concen: 33.508 ng
 RT: 6.92 min Scan# 822
 Delta R.T. 0.01 min
 Lab File: BF111759.D
 Acq: 27 Dec 2018 13:49

Tgt Ion:146 Resp: 402075
 Ion Ratio Lower Upper
 146 100
 148 63.3 52.8 79.2
 111 40.7 33.4 50.0





#14

1,2-Dichlorobenzene

Concen: 33.885 ng

RT: 7.08 min Scan# 849

Delta R.T. 0.01 min

Lab File: BF111759.D

Acq: 27 Dec 2018 13:49

Instrument :

BNA_F

ClientSampleId :

P001-SS022-0612-01MS

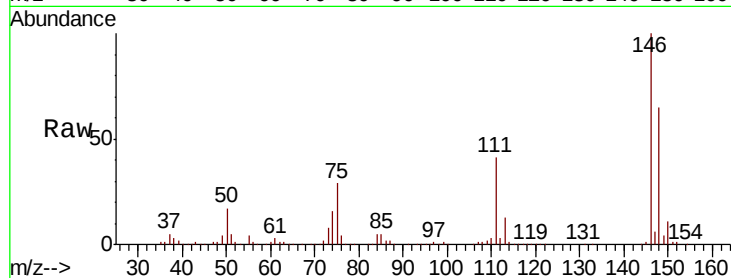
Tgt Ion:146 Resp: 379345

Ion Ratio Lower Upper

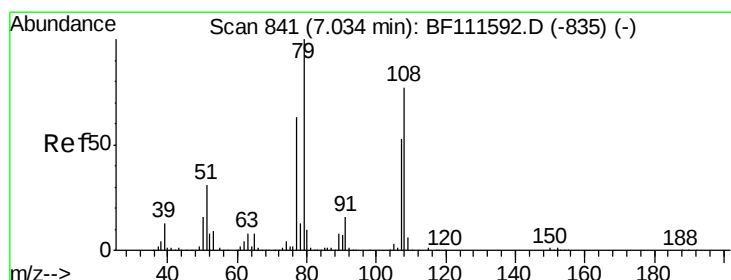
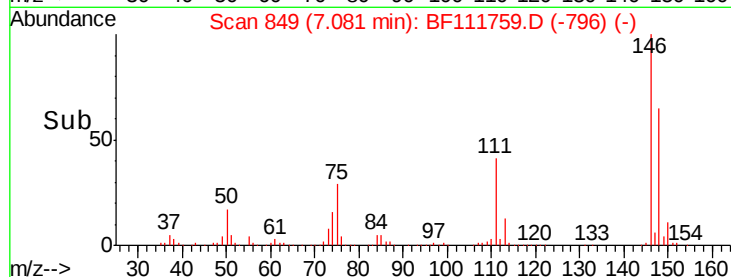
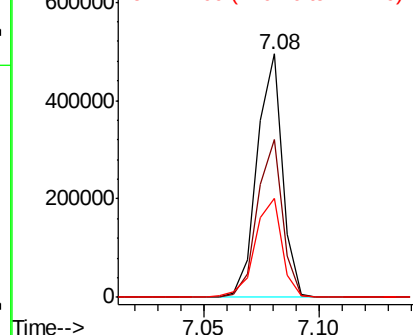
146 100

148 64.7 51.9 77.9

111 40.6 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 33.462 ng

RT: 7.05 min Scan# 843

Delta R.T. 0.01 min

Lab File: BF111759.D

Acq: 27 Dec 2018 13:49

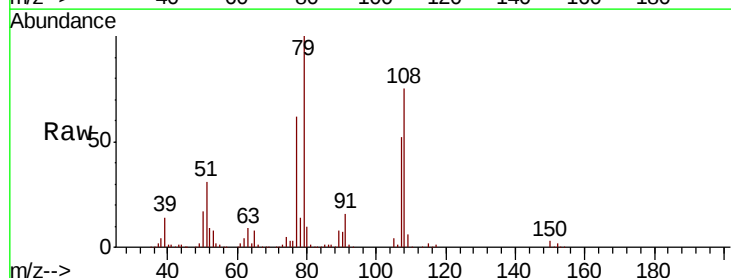
Tgt Ion: 79 Resp: 311711

Ion Ratio Lower Upper

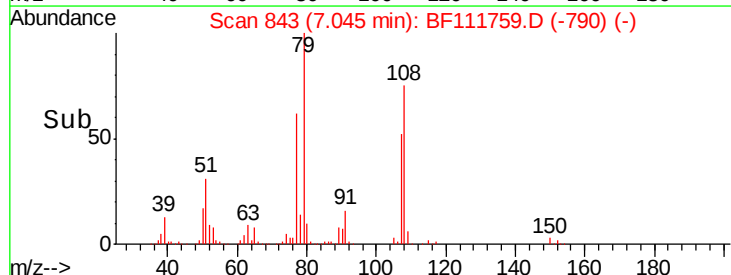
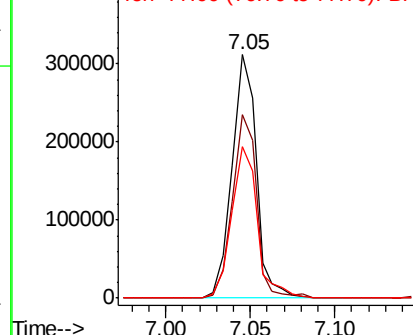
79 100

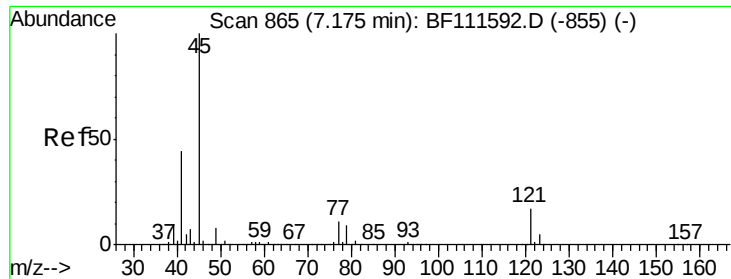
108 75.3 69.4 104.2

77 62.2 49.7 74.5



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

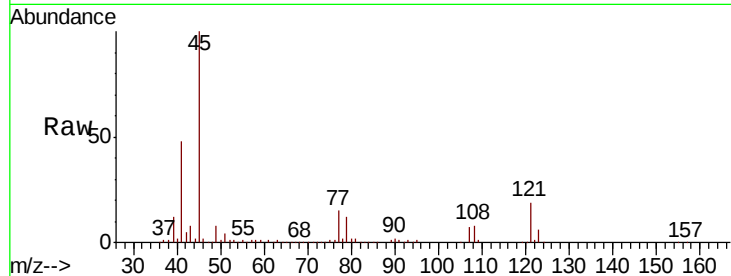




#16
2,2'-oxybis(1-Chloropropane)
Concen: 30.781 ng
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: BF111759.D
Acq: 27 Dec 2018 13:49

Instrument :
BNA_F
ClientSampleId :
P001-SS022-0612-01MS

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.4	0.0	31.5
79	12.2	0.0	28.9

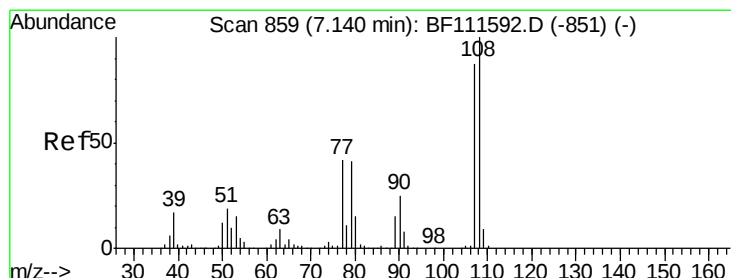
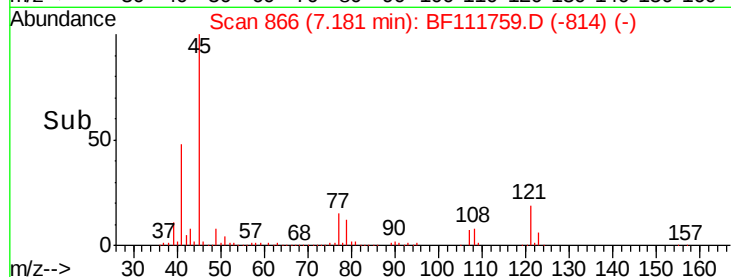
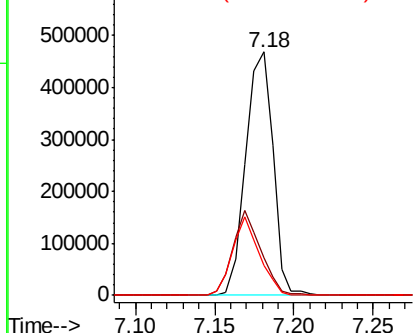


Abundance

Ion 45.00 (44.70 to 45.70): BF1

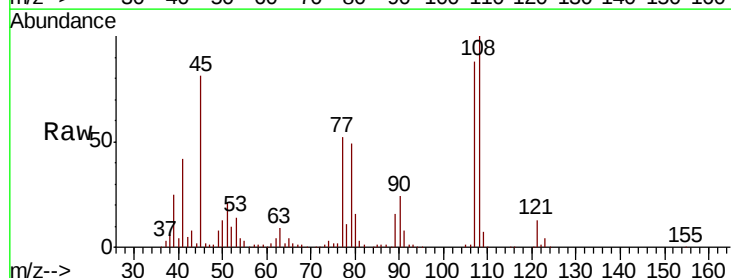
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#17
2-Methylphenol
Concen: 33.280 ng
RT: 7.17 min Scan# 864
Delta R.T. 0.03 min
Lab File: BF111759.D
Acq: 27 Dec 2018 13:49

Tgt Ion	Ratio	Lower	Upper
107	100		
108	113.1	91.0	136.4
77	59.0	33.5	50.3#
79	55.0	33.3	49.9#



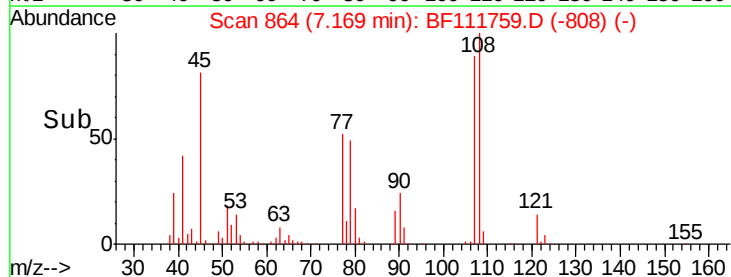
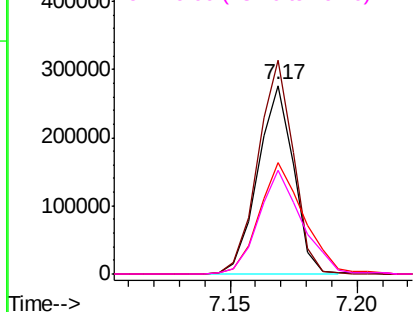
Abundance

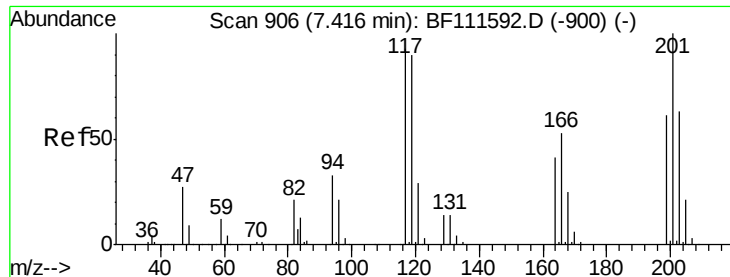
Ion 107.00 (106.70 to 107.70): E

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

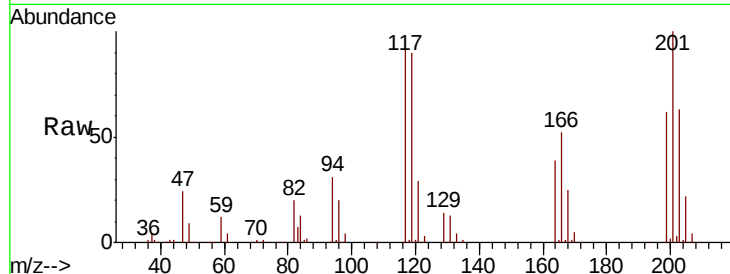




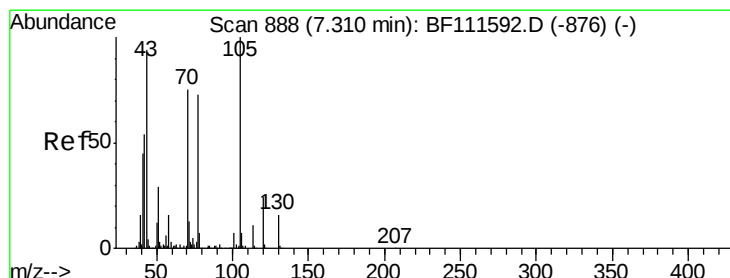
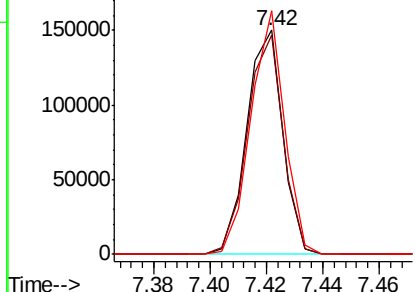
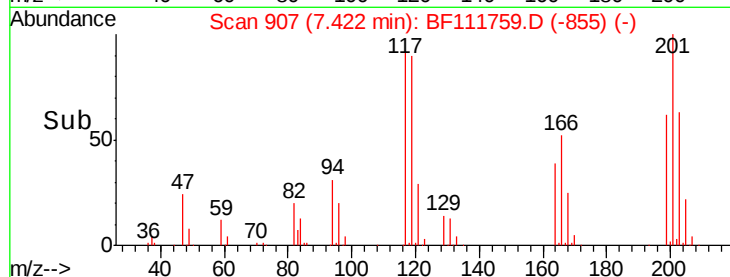
#18
Hexachloroethane
Concen: 32.732 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.01 min
Lab File: BF111759.D
Acq: 27 Dec 2018 13:49

Instrument :
BNA_F
ClientSampleId :
P001-SS022-0612-01MS

Tgt Ion:117 Resp: 132353
Ion Ratio Lower Upper
117 100
119 98.0 75.4 113.0
201 108.6 62.4 93.6#

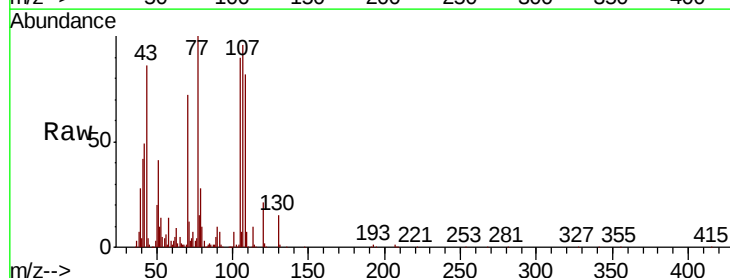


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

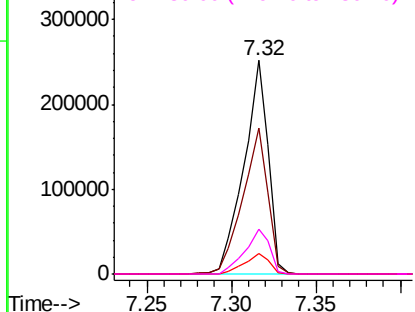
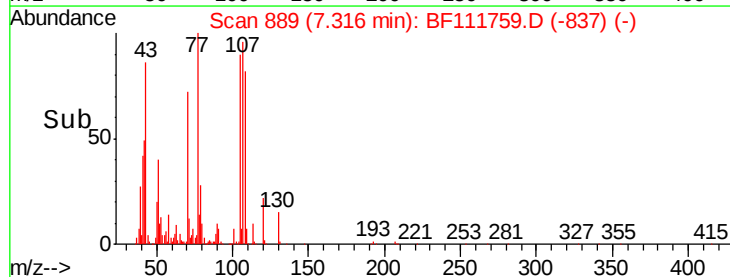


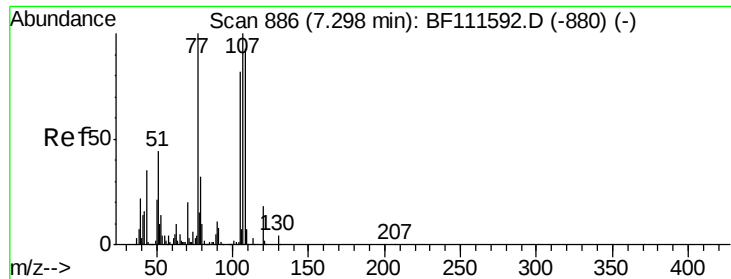
#19
n-Nitroso-di-n-propylamine
Concen: 32.504 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.01 min
Lab File: BF111759.D
Acq: 27 Dec 2018 13:49

Tgt Ion: 70 Resp: 253190
Ion Ratio Lower Upper
70 100
42 68.3 53.2 79.8
101 9.5 8.2 12.4
130 20.8 18.1 27.1



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

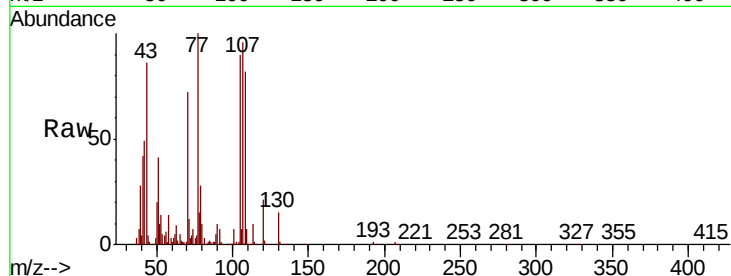




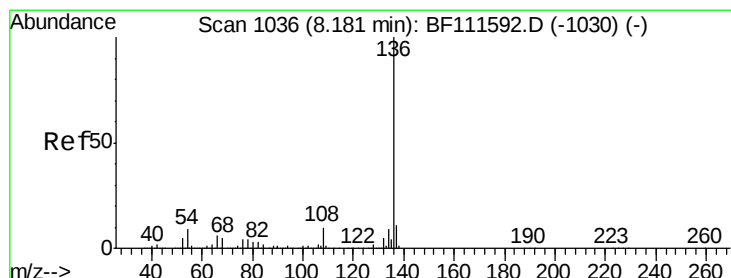
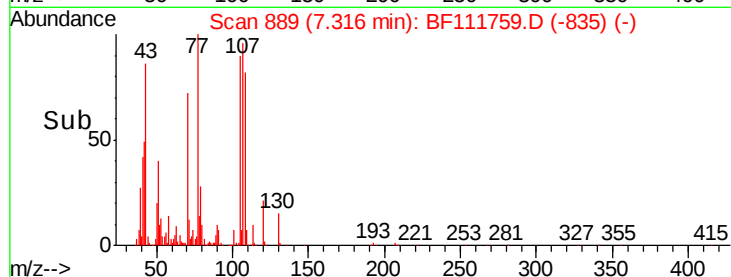
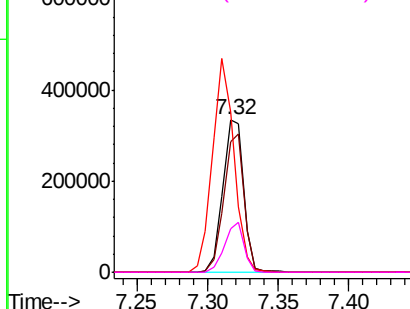
#20
3+4-Methylphenols
Concen: 33.233 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.02 min
Lab File: BF111759.D
Acq: 27 Dec 2018 13:49

Instrument :
BNA_F
ClientSampleId :
P001-SS022-0612-01MS

Tgt Ion:107 Resp: 343289
Ion Ratio Lower Upper
107 100
108 85.8 72.1 112.1
77 104.7 94.1 134.1
79 29.0 9.8 49.8



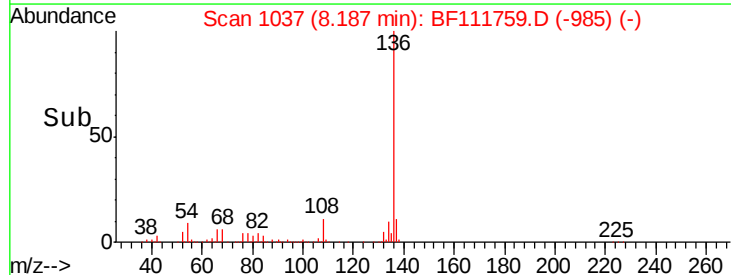
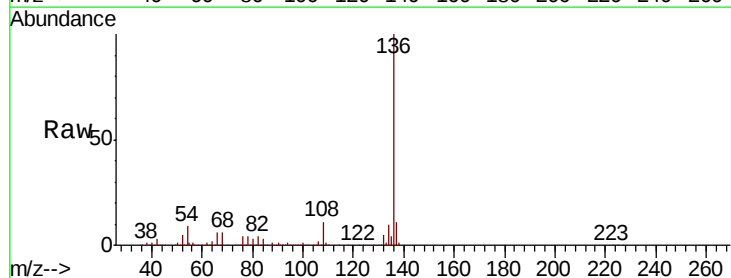
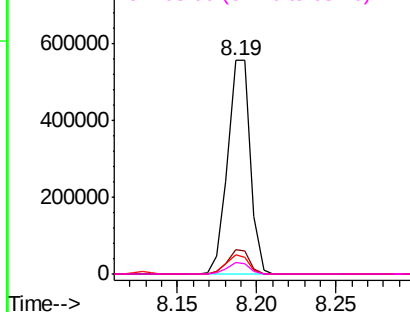
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

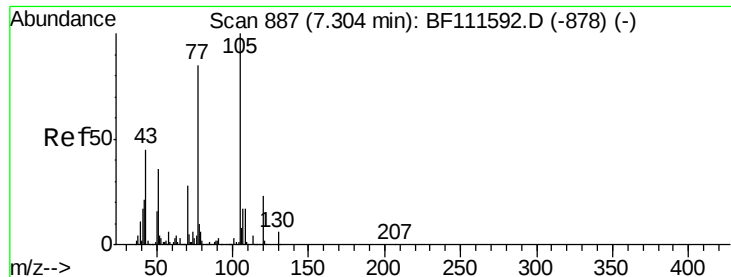


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF111759.D
Acq: 27 Dec 2018 13:49

Tgt Ion:136 Resp: 551727
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 8.9 7.7 11.5
68 5.5 4.9 7.3

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: 34.340 ng

RT: 7.31 min Scan# 888

Delta R.T. 0.01 min

Lab File: BF111759.D

Acq: 27 Dec 2018 13:49

Instrument :

BNA_F

ClientSampleId :

P001-SS022-0612-01MS

Tgt Ion:105 Resp: 479987

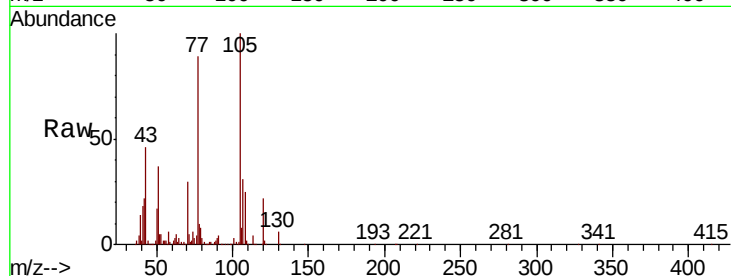
Ion Ratio Lower Upper

105 100

71 5.0 3.1 4.7#

51 37.2 36.6 54.8

120 22.4 18.2 27.4

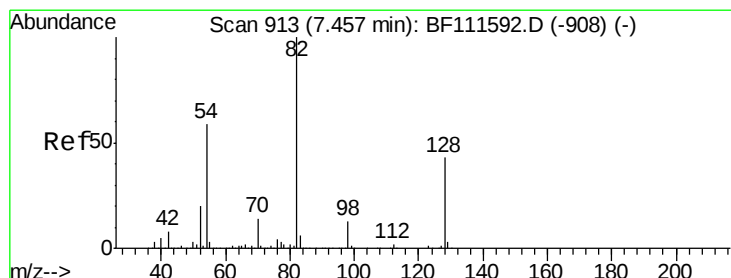
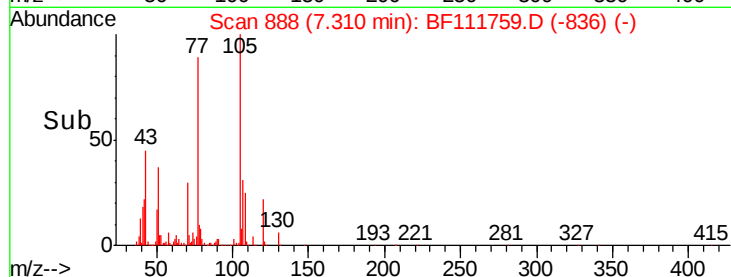
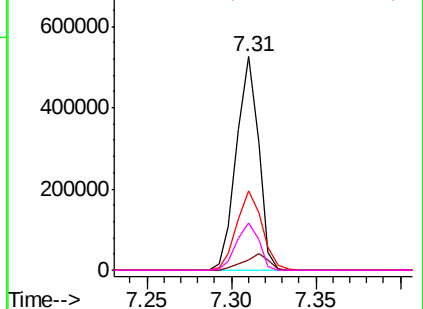


Abundance Ion 105.00 (104.70 to 105.70): E

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: 82.178 ng

RT: 7.47 min Scan# 915

Delta R.T. 0.01 min

Lab File: BF111759.D

Acq: 27 Dec 2018 13:49

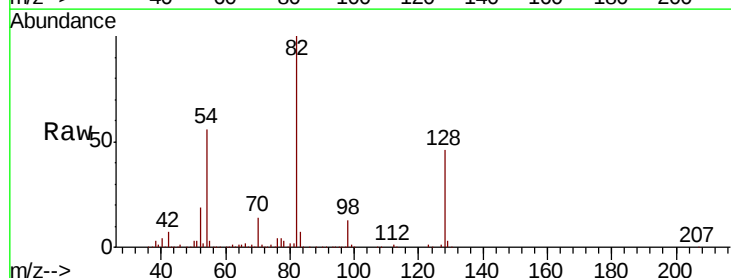
Tgt Ion: 82 Resp: 778932

Ion Ratio Lower Upper

82 100

128 45.9 37.4 56.2

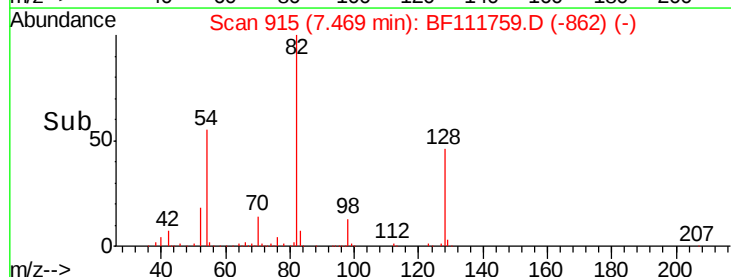
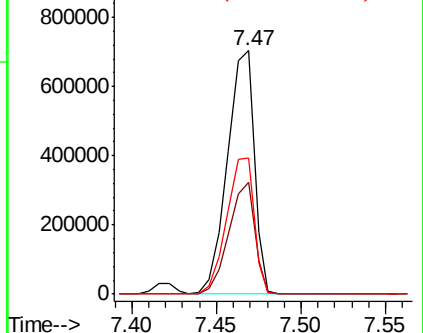
54 55.8 47.6 71.4

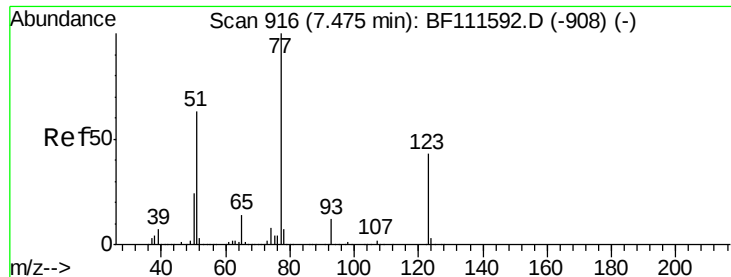


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

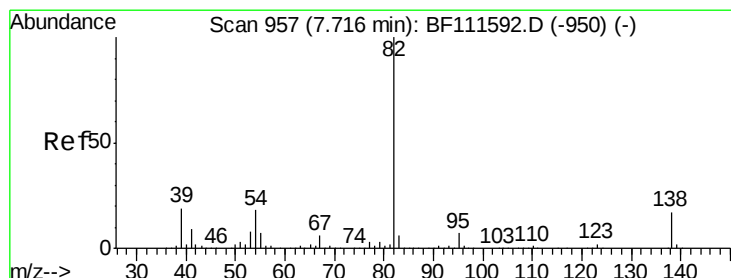
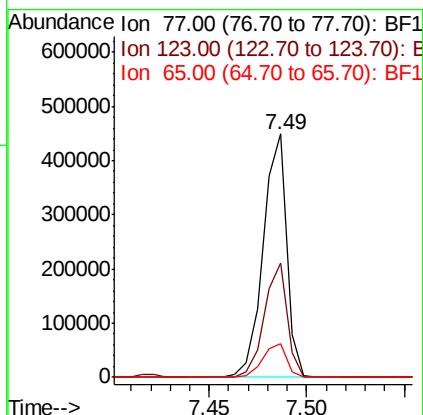
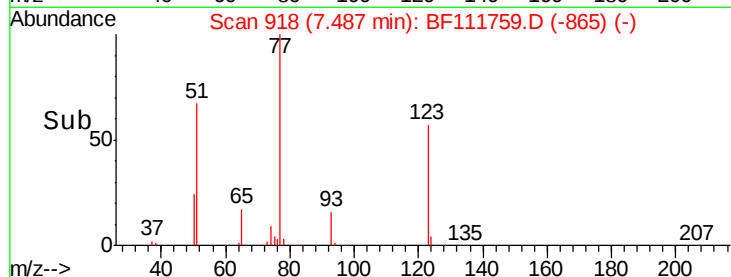
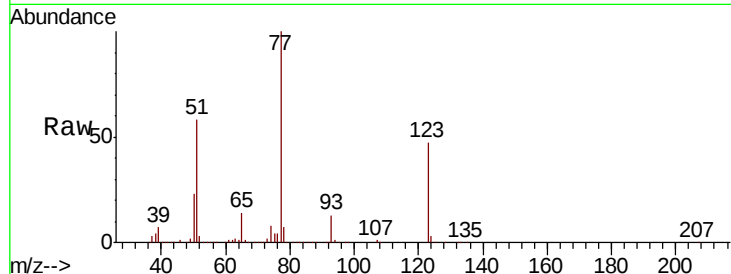




#24
Nitrobenzene
Concen: 37.655 ng
RT: 7.49 min Scan# 918
Delta R.T. 0.01 min
Lab File: BF111759.D
Acq: 27 Dec 2018 13:49

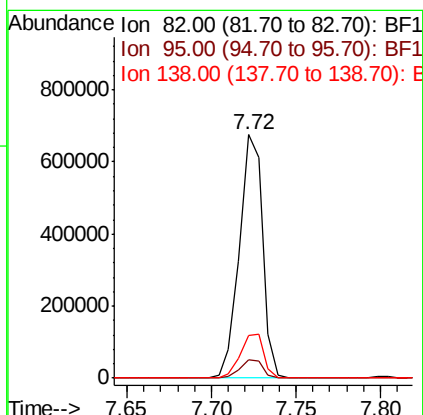
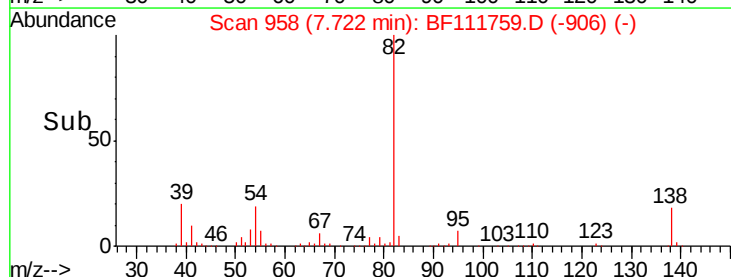
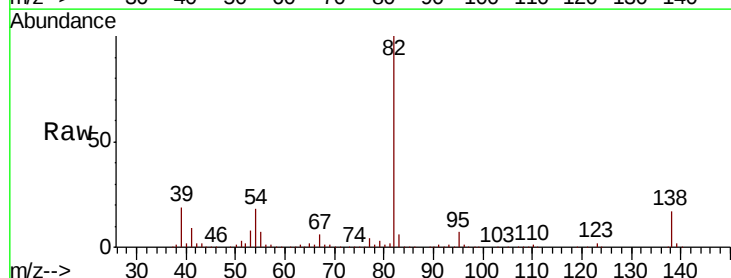
Instrument :
BNA_F
ClientSampleId :
P001-SS022-0612-01MS

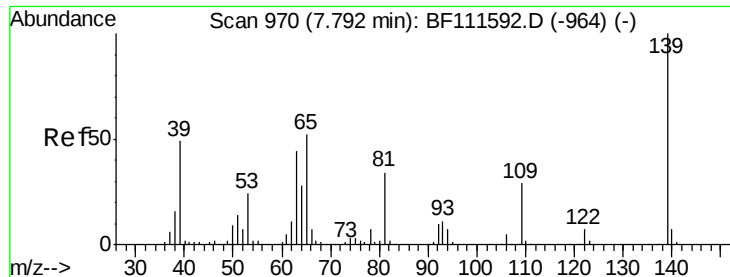
Tgt Ion: 77 Resp: 374078
Ion Ratio Lower Upper
77 100
123 47.1 37.2 55.8
65 13.9 11.5 17.3



#25
Isophorone
Concen: 38.559 ng
RT: 7.72 min Scan# 958
Delta R.T. 0.01 min
Lab File: BF111759.D
Acq: 27 Dec 2018 13:49

Tgt Ion: 82 Resp: 648835
Ion Ratio Lower Upper
82 100
95 7.3 5.4 8.2
138 17.4 15.1 22.7

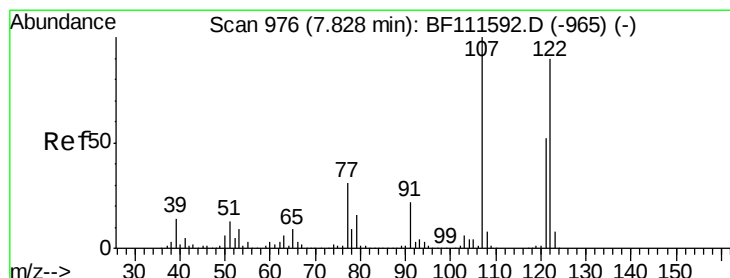
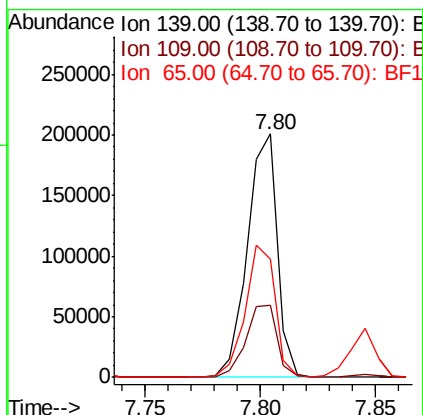
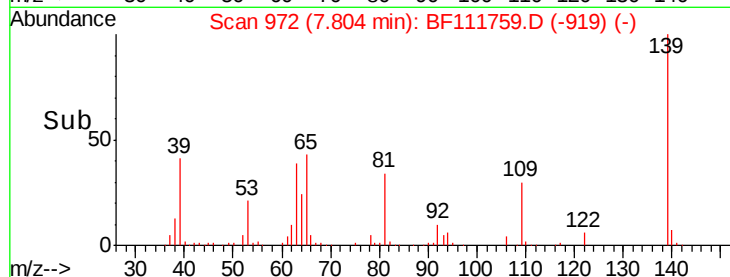
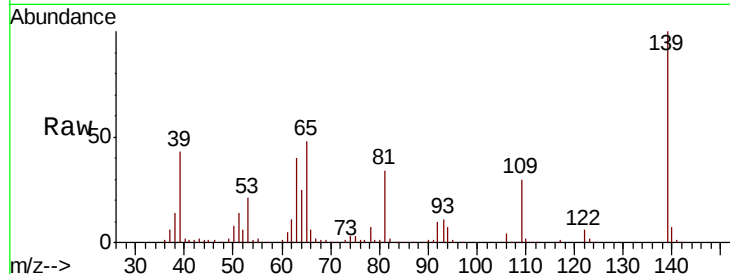




#26
2-Nitrophenol
Concen: 45.238 ng
RT: 7.80 min Scan# 972
Delta R.T. 0.01 min
Lab File: BF111759.D
Acq: 27 Dec 2018 13:49

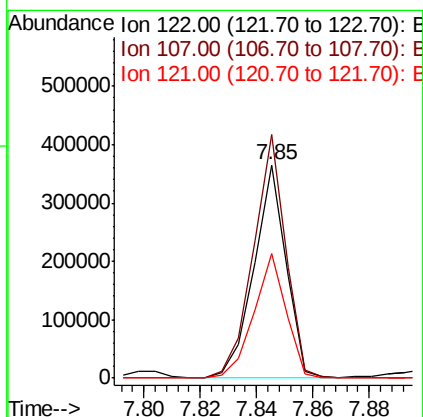
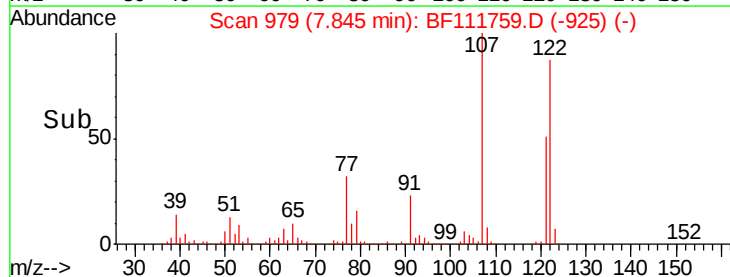
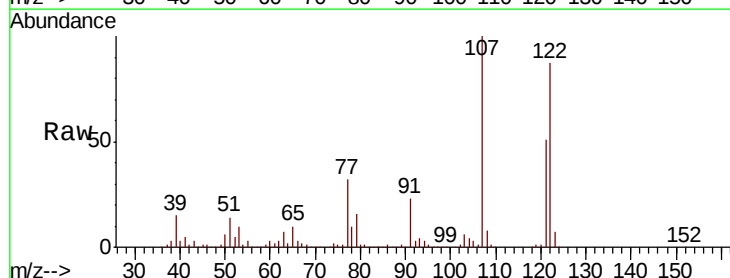
Instrument :
BNA_F
ClientSampleId :
P001-SS022-0612-01MS

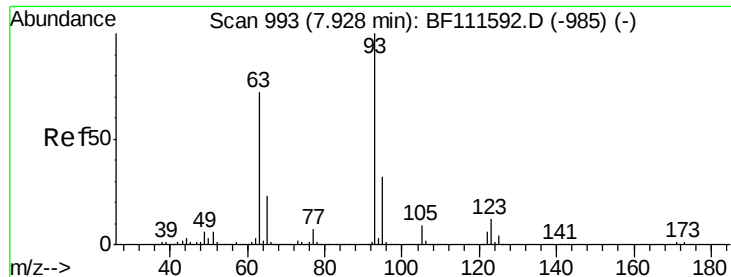
Tgt Ion:139 Resp: 182269
Ion Ratio Lower Upper
139 100
109 29.9 20.2 30.4
65 48.4 40.7 61.1



#27
2,4-Dimethylphenol
Concen: 36.484 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.02 min
Lab File: BF111759.D
Acq: 27 Dec 2018 13:49

Tgt Ion:122 Resp: 289771
Ion Ratio Lower Upper
122 100
107 114.3 85.5 128.3
121 58.2 46.6 70.0

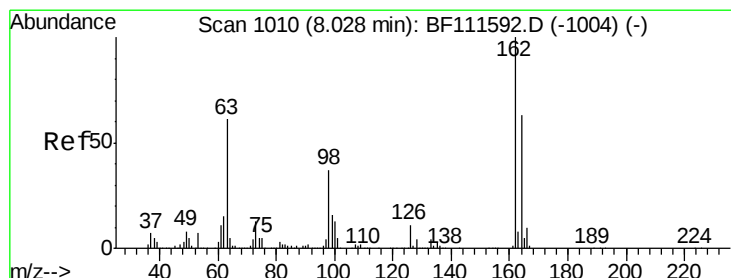
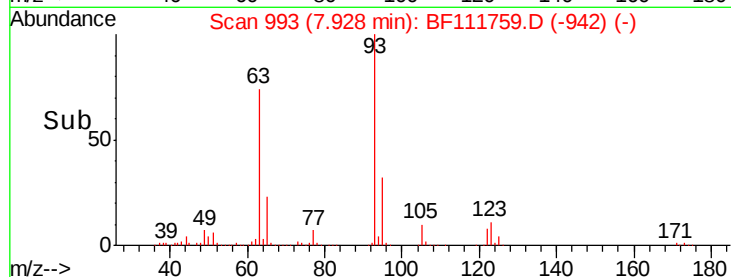
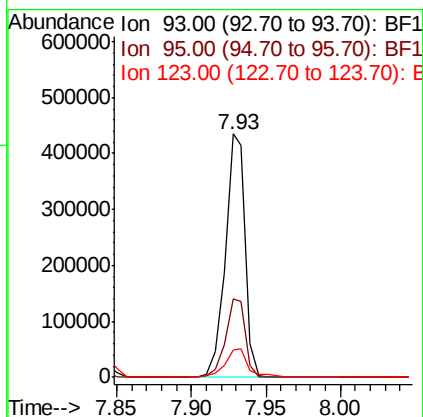
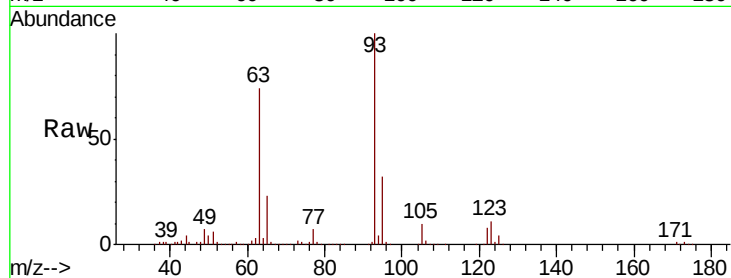




#28
 bis(2-Chloroethoxy)methane
 Concen: 36.436 ng
 RT: 7.93 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: BF111759.D
 Acq: 27 Dec 2018 13:49

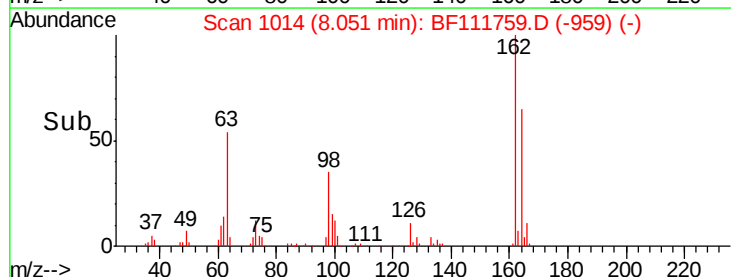
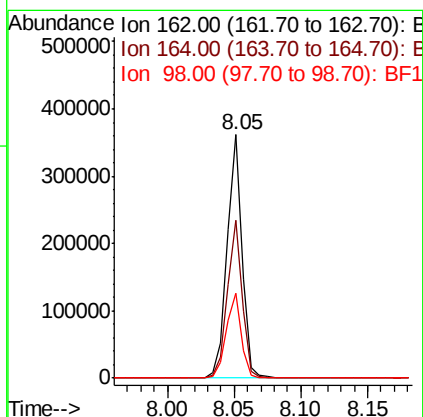
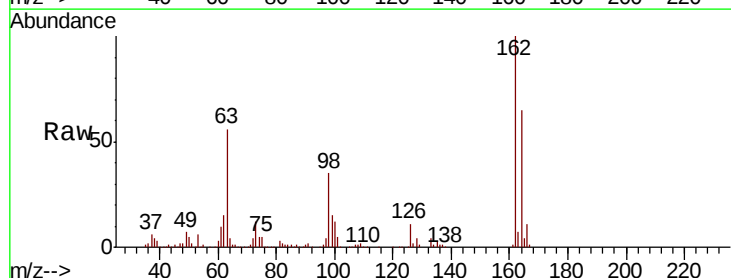
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS022-0612-01MS

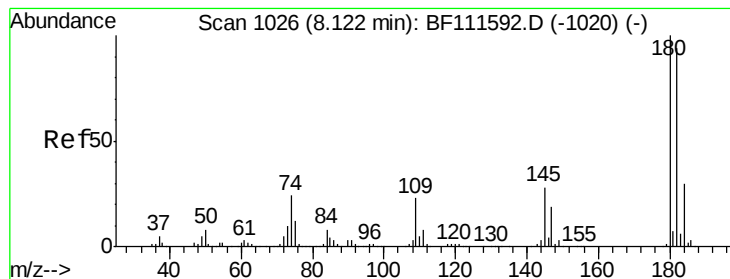
Tgt Ion: 93 Resp: 408000
 Ion Ratio Lower Upper
 93 100
 95 32.3 27.1 40.7
 123 11.2 9.9 14.9



#29
 2,4-Dichlorophenol
 Concen: 33.850 ng
 RT: 8.05 min Scan# 1014
 Delta R.T. 0.02 min
 Lab File: BF111759.D
 Acq: 27 Dec 2018 13:49

Tgt Ion: 162 Resp: 289170
 Ion Ratio Lower Upper
 162 100
 164 64.6 44.4 84.4
 98 34.8 20.3 60.3





#30

1,2,4-Trichlorobenzene

Concen: 34.815 ng

RT: 8.13 min Scan# 1027

Delta R.T. 0.01 min

Lab File: BF111759.D

Acq: 27 Dec 2018 13:49

Instrument :

BNA_F

ClientSampleId :

P001-SS022-0612-01MS

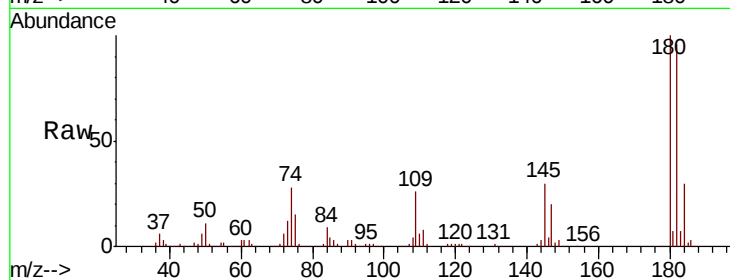
Tgt Ion:180 Resp: 331425

Ion Ratio Lower Upper

180 100

182 96.3 75.6 113.4

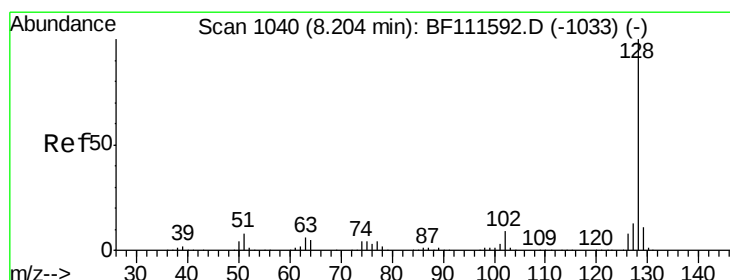
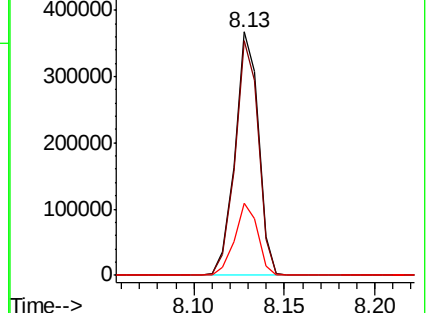
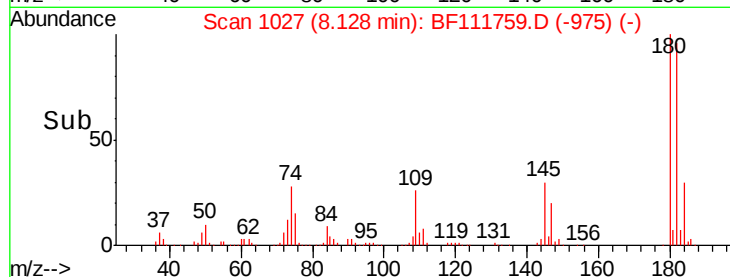
145 29.7 26.7 40.1



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: 37.568 ng

RT: 8.21 min Scan# 1041

Delta R.T. 0.01 min

Lab File: BF111759.D

Acq: 27 Dec 2018 13:49

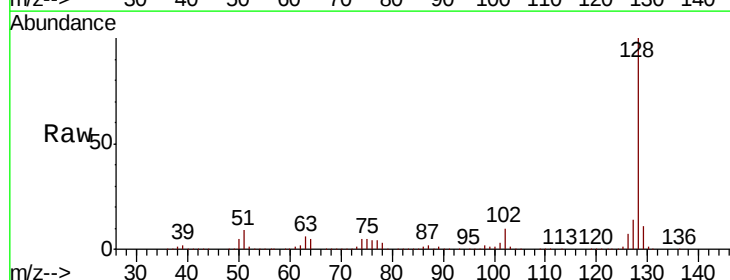
Tgt Ion:128 Resp: 995905

Ion Ratio Lower Upper

128 100

129 11.3 9.8 14.8

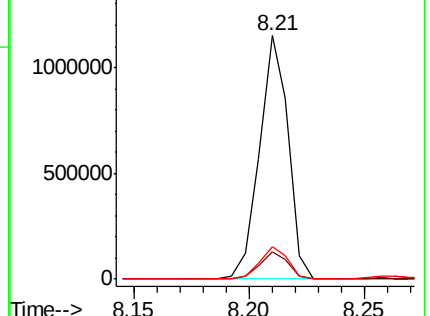
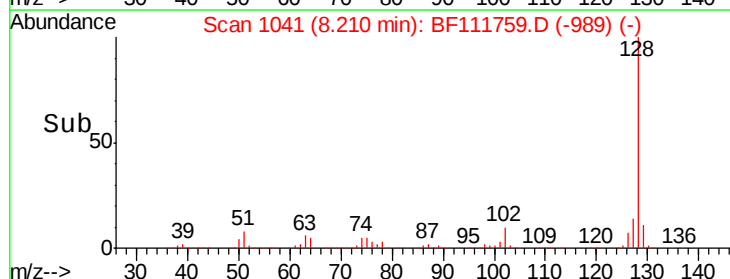
127 13.6 12.0 18.0

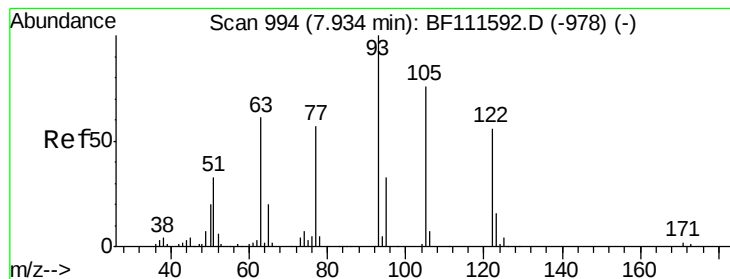


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 26.333 ng

RT: 7.95 min Scan# 997

Delta R.T. 0.02 min

Lab File: BF111759.D

Acq: 27 Dec 2018 13:49

Instrument :

BNA_F

ClientSampleId :

P001-SS022-0612-01MS

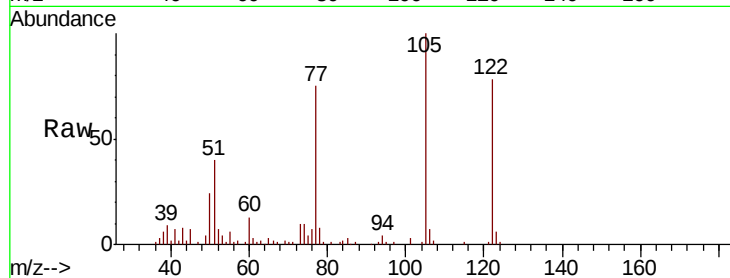
Tgt Ion:122 Resp: 138283

Ion Ratio Lower Upper

122 100

105 128.5 97.0 137.0

77 96.7 65.7 105.7

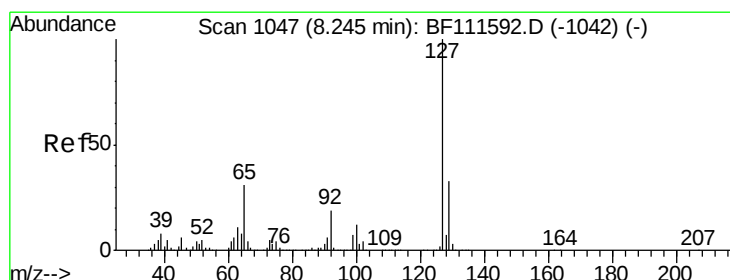
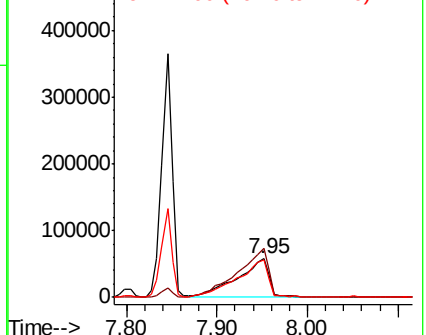
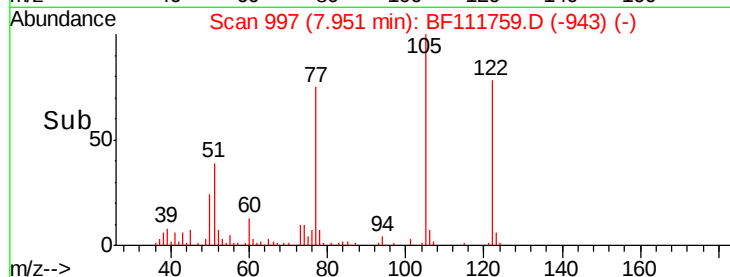


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#33

4-Chloroaniline

Concen: 2.056 ng

RT: 8.26 min Scan# 1049

Delta R.T. 0.01 min

Lab File: BF111759.D

Acq: 27 Dec 2018 13:49

Tgt Ion:127 Resp: 23562

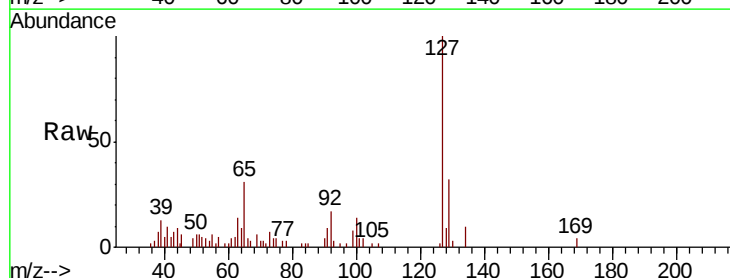
Ion Ratio Lower Upper

127 100

129 32.0 26.6 39.8

65 30.5 25.7 38.5

92 17.3 15.4 23.2



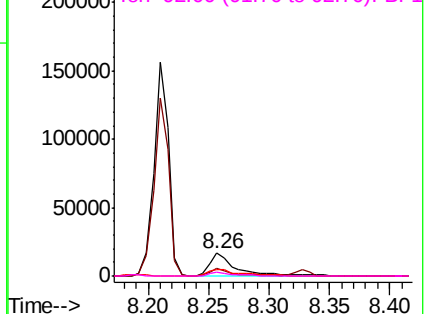
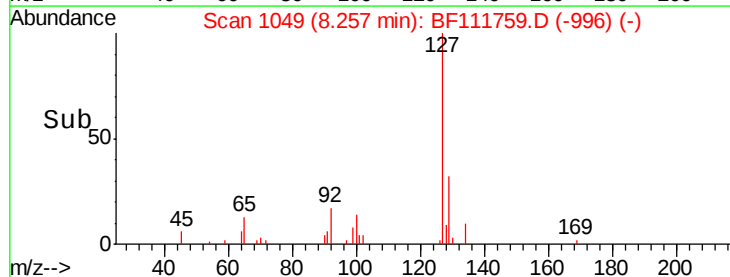
Abundance

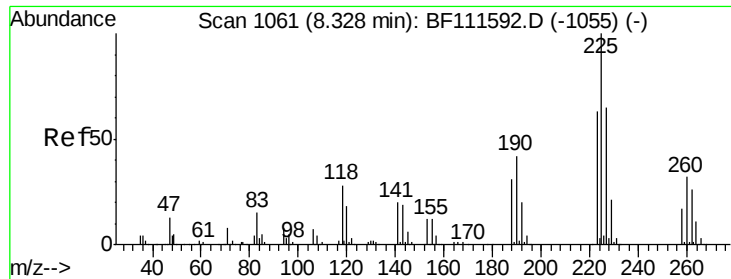
Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

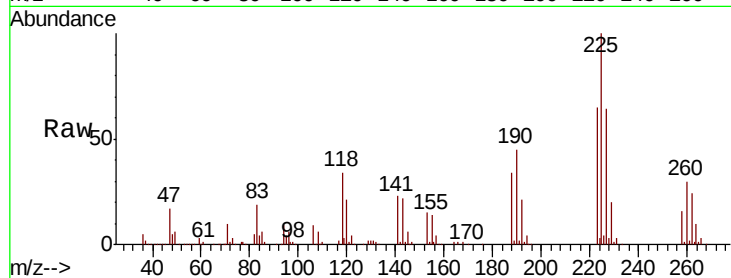




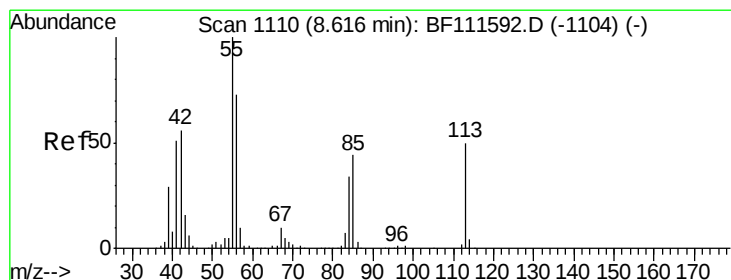
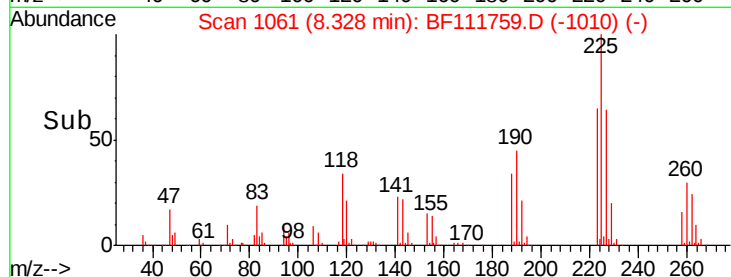
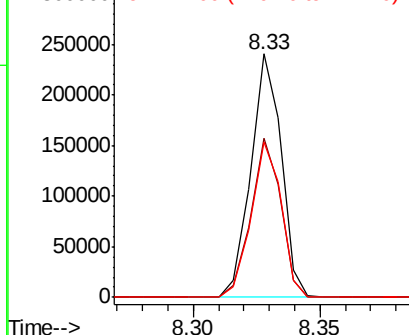
#34
Hexachlorobutadiene
Concen: 34.705 ng
RT: 8.33 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BF111759.D
Acq: 27 Dec 2018 13:49

Instrument :
BNA_F
ClientSampleId :
P001-SS022-0612-01MS

Tgt Ion:225 Resp: 201356
Ion Ratio Lower Upper
225 100
223 65.4 50.7 76.1
227 63.7 52.6 78.8

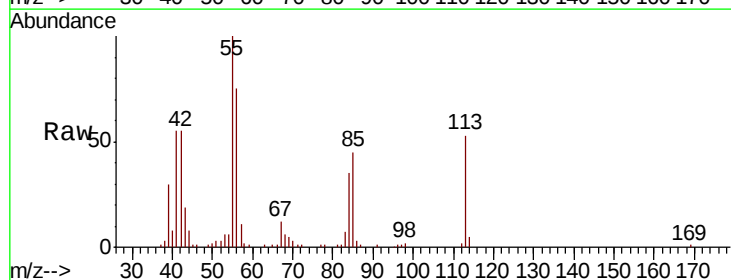


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

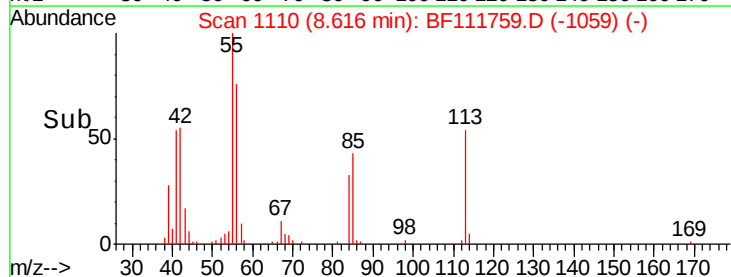
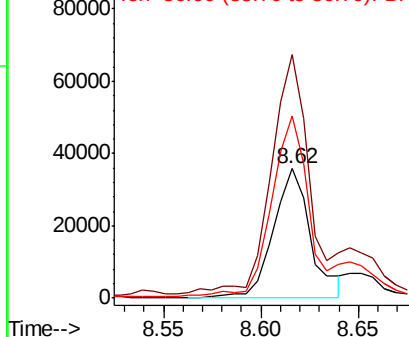


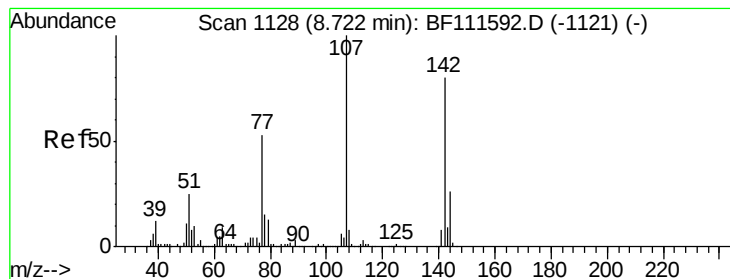
#35
Caprolactam
Concen: 16.413 ng
RT: 8.62 min Scan# 1110
Delta R.T. -0.00 min
Lab File: BF111759.D
Acq: 27 Dec 2018 13:49

Tgt Ion:113 Resp: 47511
Ion Ratio Lower Upper
113 100
55 188.2 184.1 224.1
56 141.2 126.0 166.0



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





#36

4-Chloro-3-methylphenol

Concen: 31.477 ng

RT: 8.75 min Scan# 1132

Delta R.T. 0.02 min

Lab File: BF111759.D

Acq: 27 Dec 2018 13:49

Instrument :

BNA_F

ClientSampleId :

P001-SS022-0612-01MS

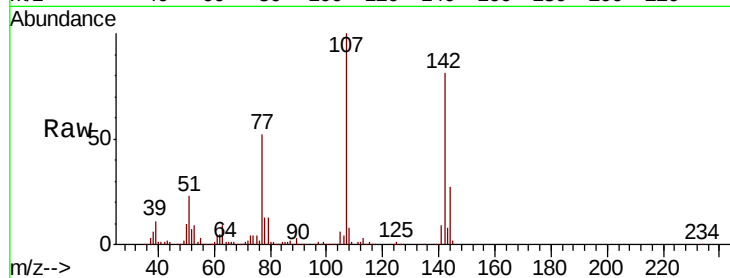
Tgt Ion:107 Resp: 264328

Ion Ratio Lower Upper

107 100

144 27.1 19.8 29.6

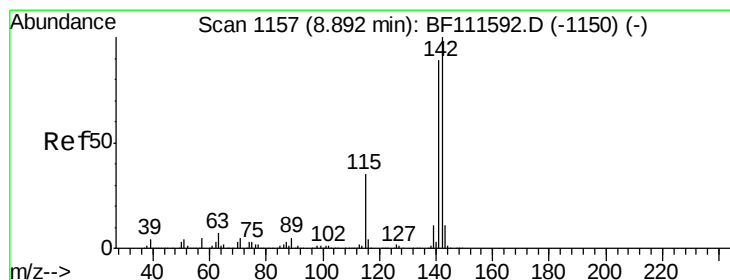
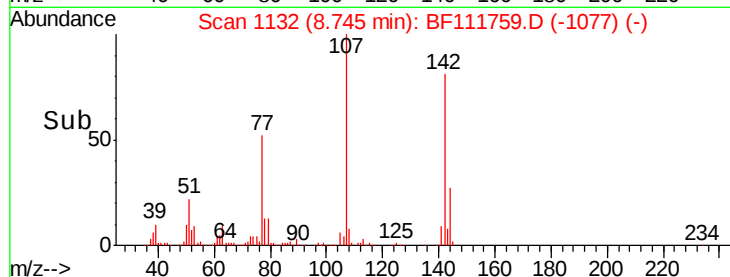
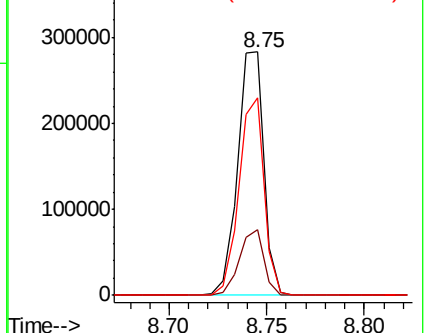
142 81.2 62.3 93.5



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37

2-Methylnaphthalene

Concen: 37.415 ng

RT: 8.90 min Scan# 1158

Delta R.T. 0.01 min

Lab File: BF111759.D

Acq: 27 Dec 2018 13:49

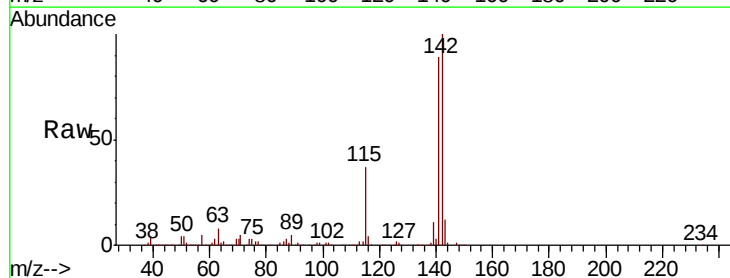
Tgt Ion:142 Resp: 645313

Ion Ratio Lower Upper

142 100

141 88.7 70.6 105.8

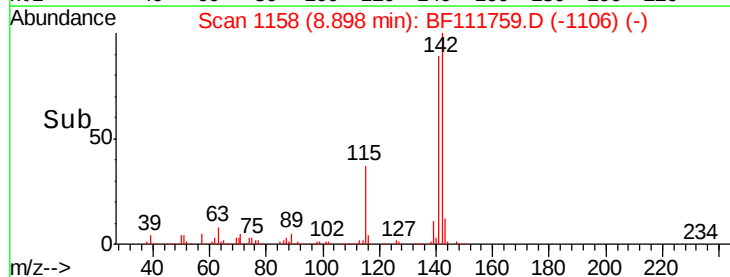
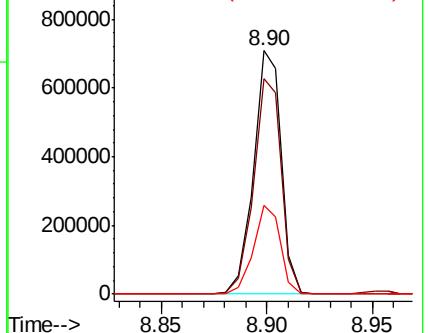
115 36.5 27.0 40.6

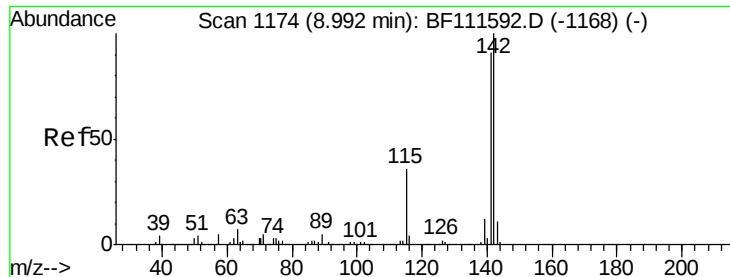


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

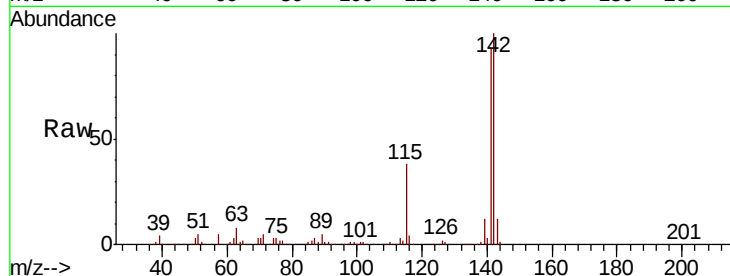




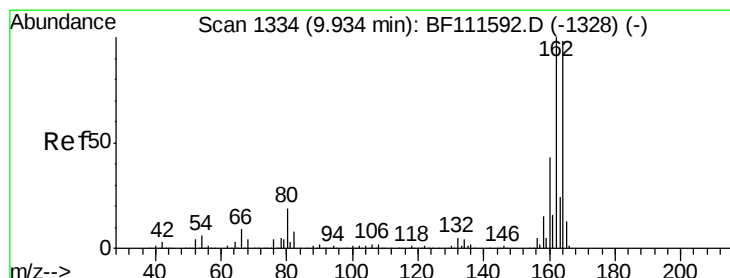
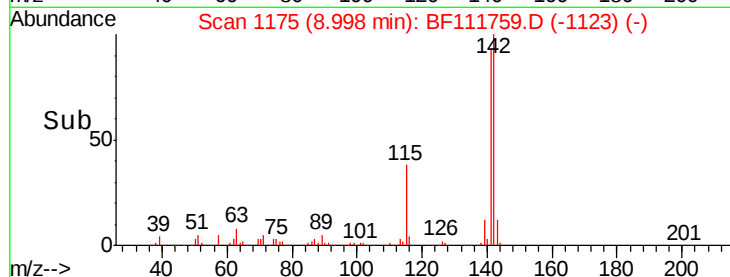
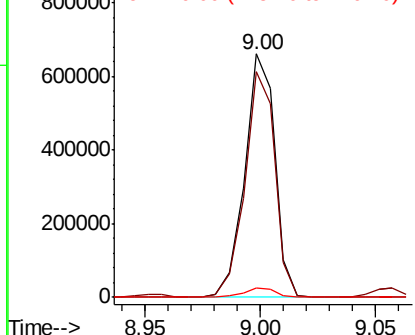
#38
1-Methylnaphthalene
Concen: 36.327 ng
RT: 9.00 min Scan# 1175
Delta R.T. 0.01 min
Lab File: BF111759.D
Acq: 27 Dec 2018 13:49

Instrument :
BNA_F
ClientSampleId :
P001-SS022-0612-01MS

Tgt Ion:142 Resp: 601742
Ion Ratio Lower Upper
142 100
141 92.6 74.2 111.4
116 4.1 2.9 4.3

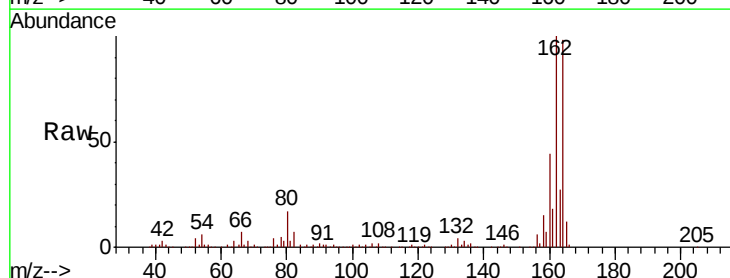


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

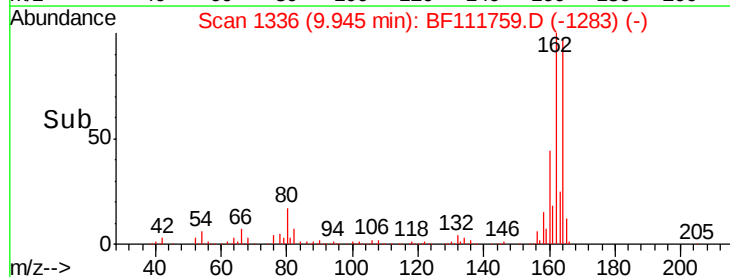
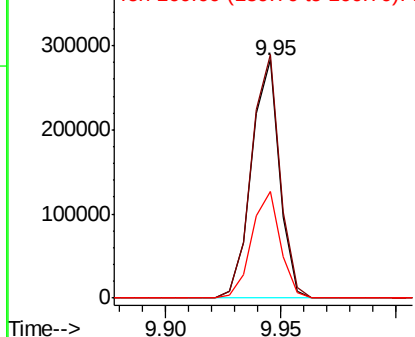


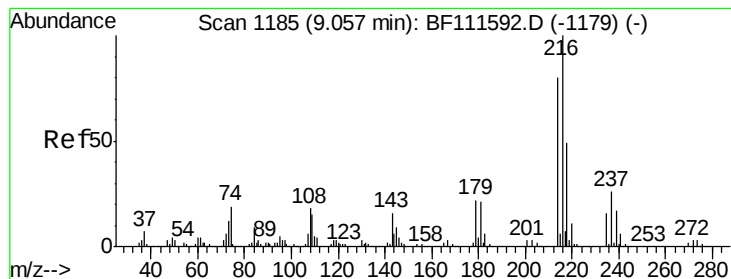
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BF111759.D
Acq: 27 Dec 2018 13:49

Tgt Ion:164 Resp: 241220
Ion Ratio Lower Upper
164 100
162 102.3 81.4 122.0
160 45.0 35.7 53.5



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





#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.817 ng

RT: 9.07 min Scan# 1187

Delta R.T. 0.01 min

Lab File: BF111759.D

Acq: 27 Dec 2018 13:49

Instrument :

BNA_F

ClientSampleId :

P001-SS022-0612-01MS

Tgt Ion:216 Resp: 315608

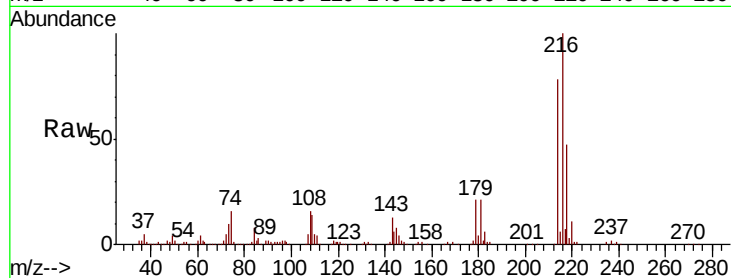
Ion Ratio Lower Upper

216 100

214 78.9 63.8 95.8

179 21.4 17.9 26.9

108 18.5 18.4 27.6

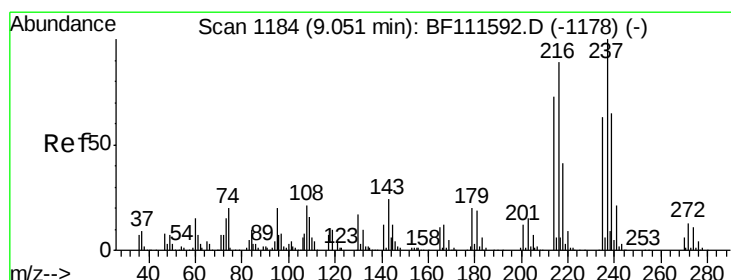
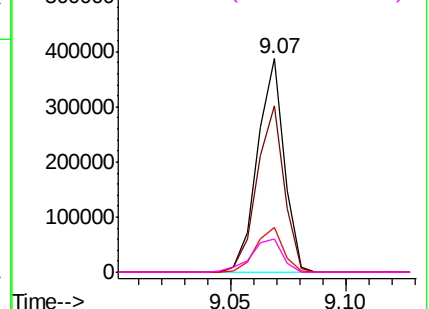
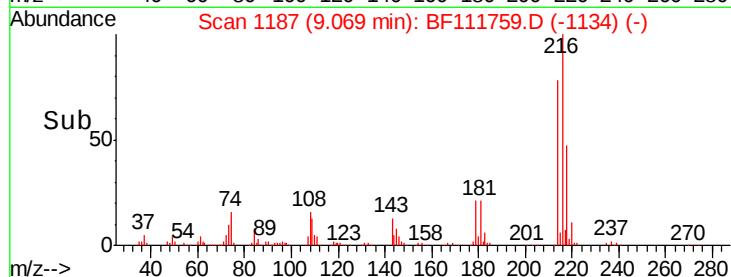


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#41

Hexachlorocyclopentadiene

Concen: 53.007 ng

RT: 9.06 min Scan# 1185

Delta R.T. 0.01 min

Lab File: BF111759.D

Acq: 27 Dec 2018 13:49

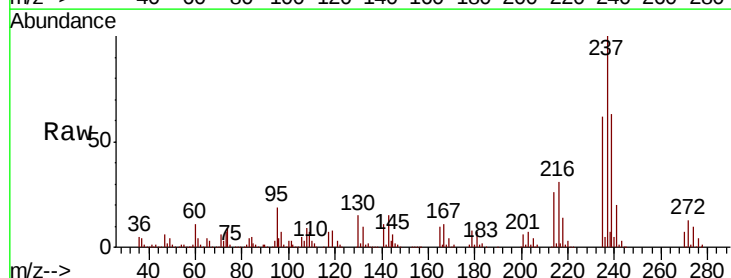
Tgt Ion:237 Resp: 203889

Ion Ratio Lower Upper

237 100

235 62.0 43.1 83.1

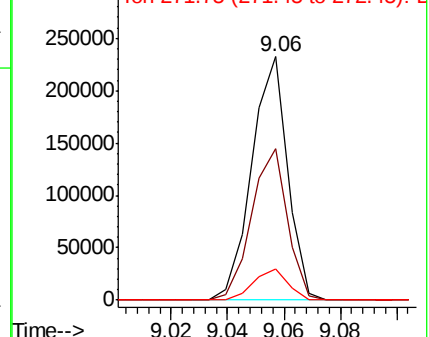
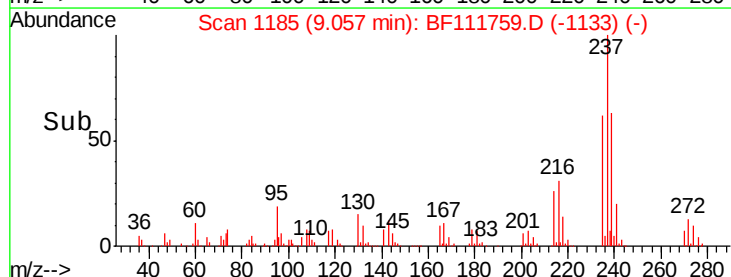
272 12.9 0.0 33.0

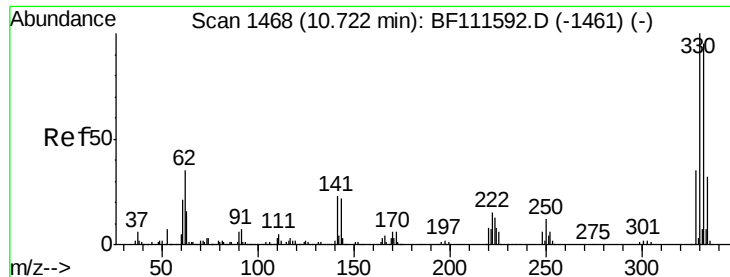


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

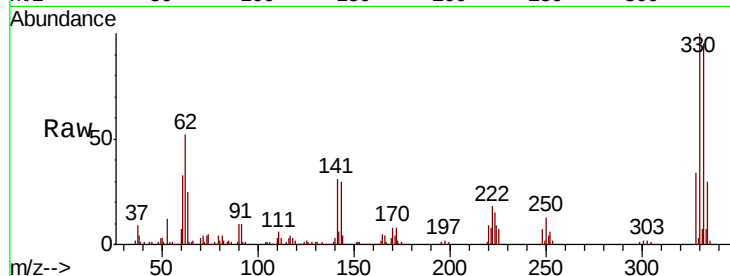




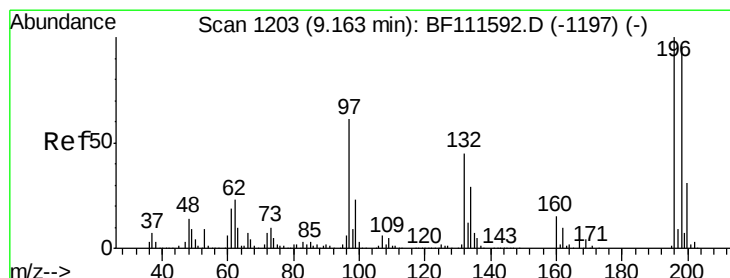
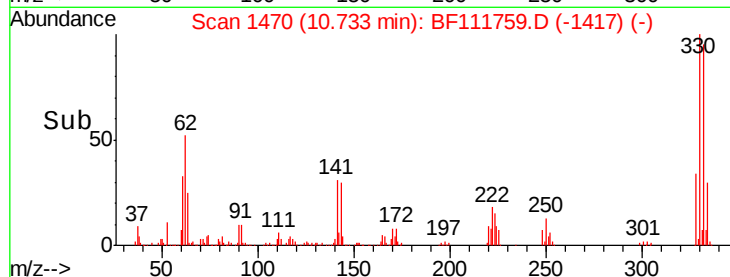
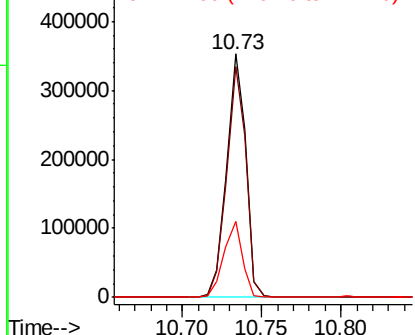
#42
 2,4,6-Tribromophenol
 Concen: 104.018 ng
 RT: 10.73 min Scan# 1470
 Delta R.T. 0.01 min
 Lab File: BF111759.D
 Acq: 27 Dec 2018 13:49

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS022-0612-01MS

Tgt Ion:330 Resp: 296473
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.0 114.0
 141 30.6 31.0 46.6#

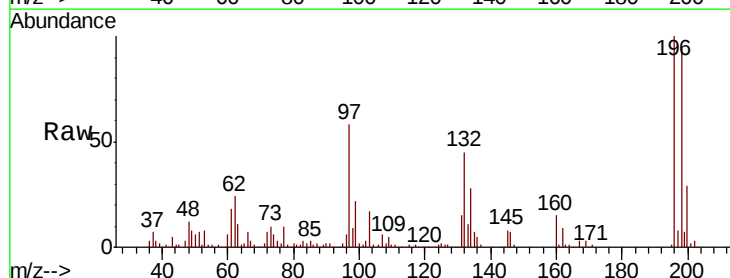


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

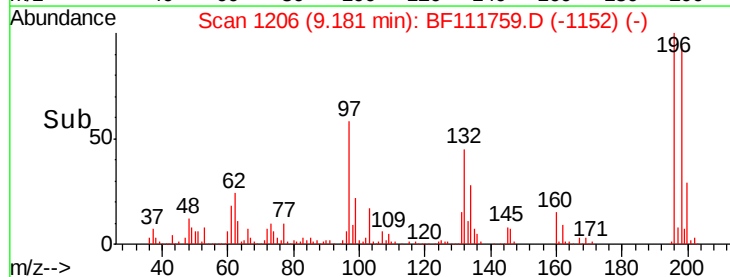
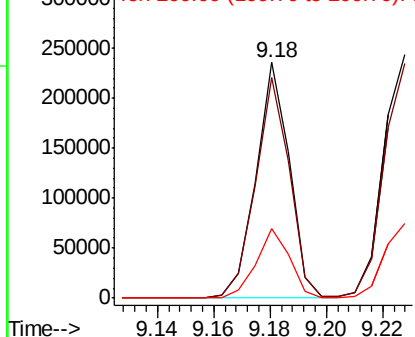


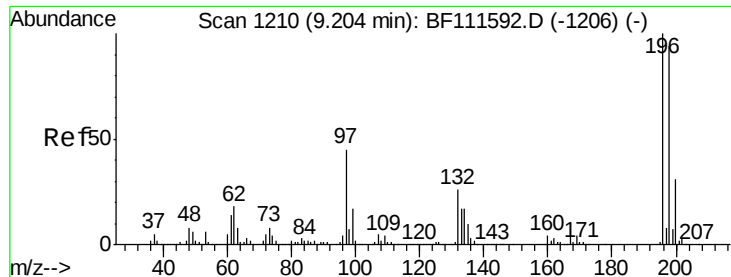
#43
 2,4,6-Trichlorophenol
 Concen: 36.587 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.02 min
 Lab File: BF111759.D
 Acq: 27 Dec 2018 13:49

Tgt Ion:196 Resp: 193625
 Ion Ratio Lower Upper
 196 100
 198 93.5 76.3 114.5
 200 29.3 24.9 37.3



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

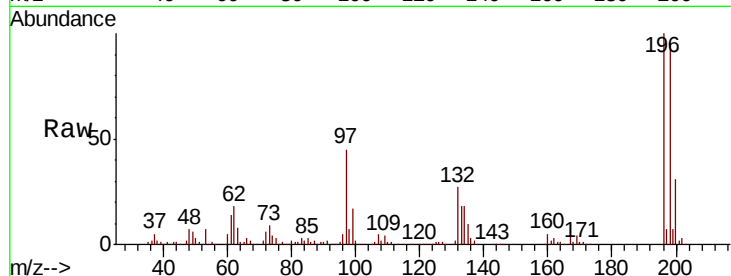




#44
 2,4,5-Trichlorophenol
 Concen: 35.785 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.02 min
 Lab File: BF111759.D
 Acq: 27 Dec 2018 13:49

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS022-0612-01MS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.3	72.9	109.3
97	45.2	45.3	67.9#
132	26.7	25.5	38.3



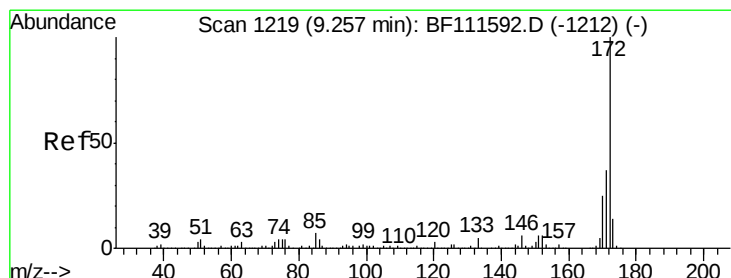
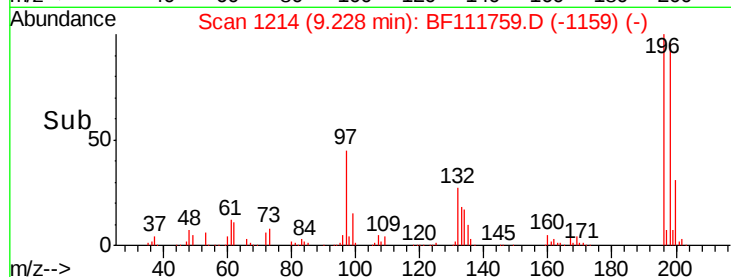
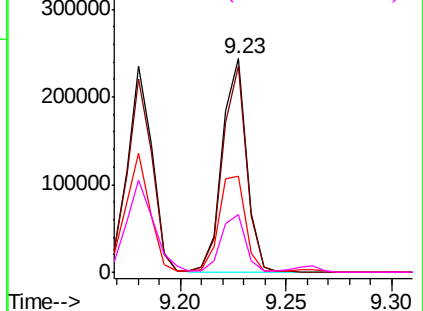
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

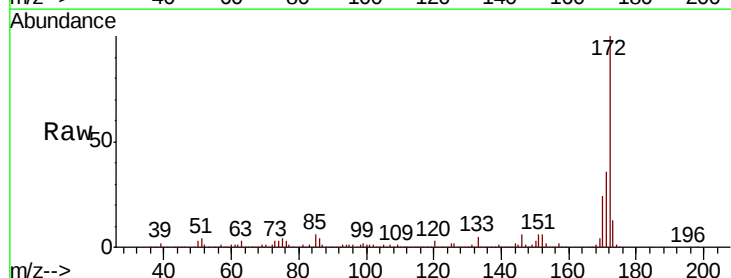
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#45
 2-Fluorobiphenyl
 Concen: 81.621 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. 0.01 min
 Lab File: BF111759.D
 Acq: 27 Dec 2018 13:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	33.0	49.4
170	23.6	22.3	33.5

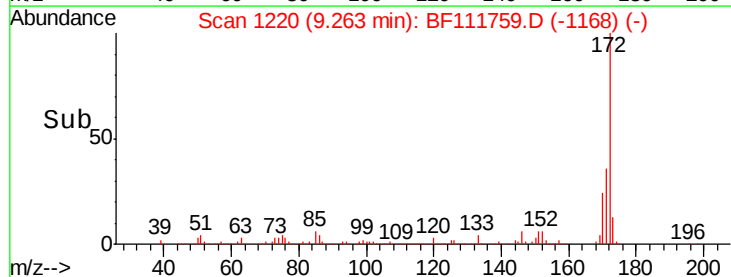
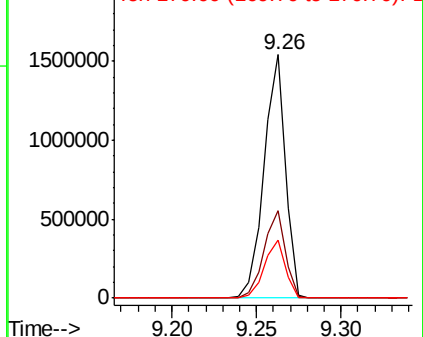


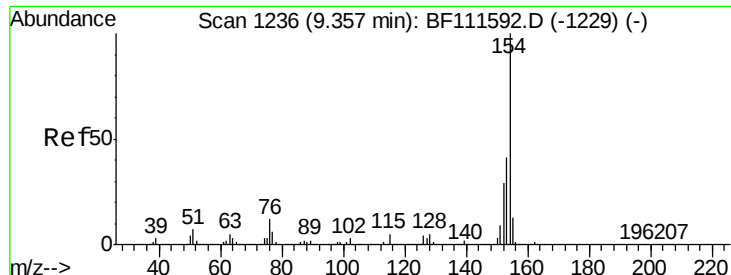
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

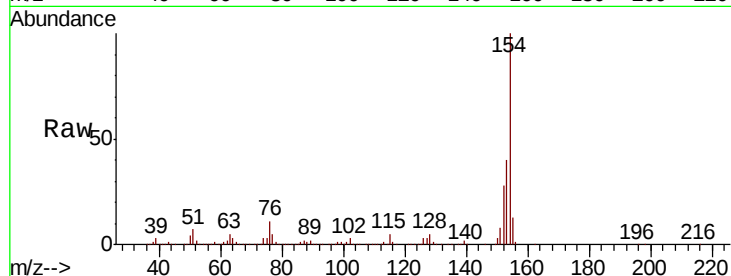




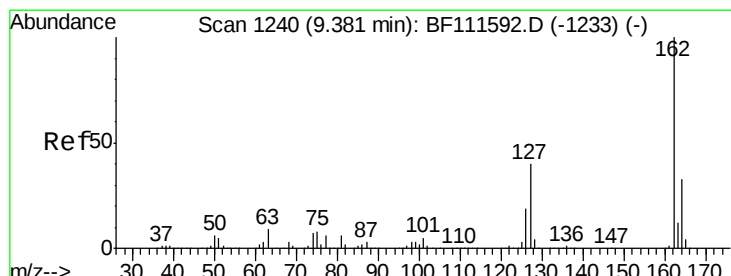
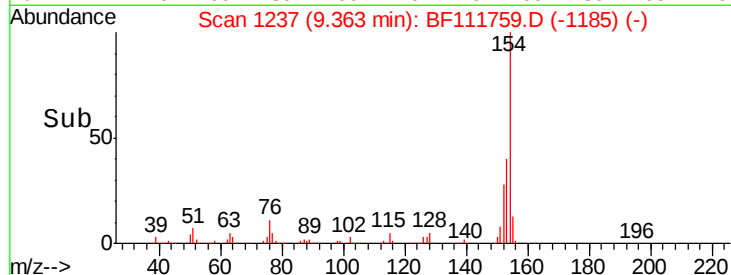
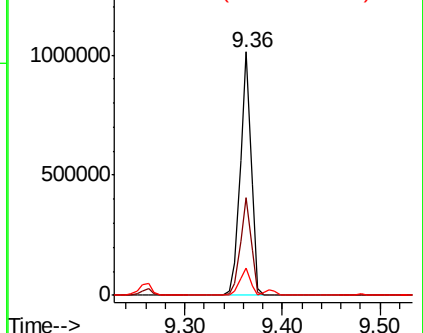
#46
 1,1'-Biphenyl
 Concen: 38.669 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. 0.01 min
 Lab File: BF111759.D
 Acq: 27 Dec 2018 13:49

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS022-0612-01MS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.4	23.7	63.7
76	11.3	0.0	35.0

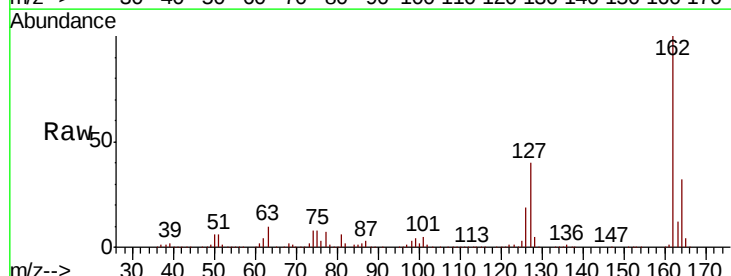


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

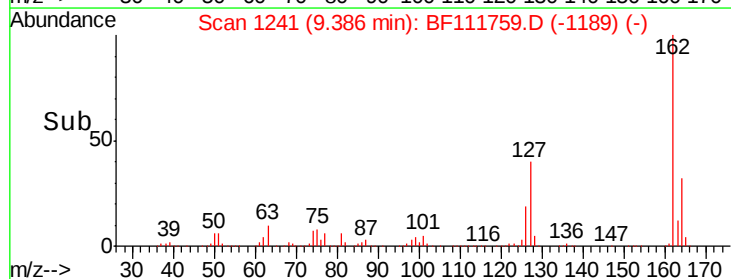
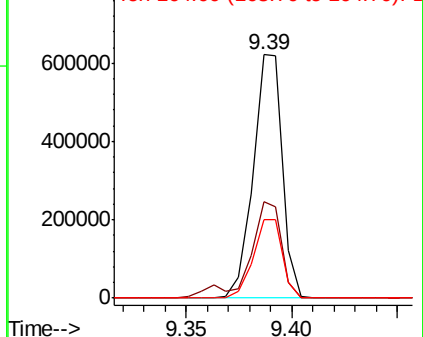


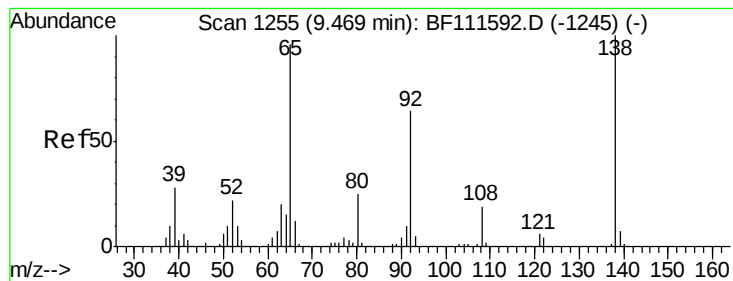
#47
 2-Chloronaphthalene
 Concen: 37.002 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. 0.01 min
 Lab File: BF111759.D
 Acq: 27 Dec 2018 13:49

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.8	35.0	52.4
164	32.2	28.4	42.6



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: 40.306 ng

RT: 9.48 min Scan# 1257

Delta R.T. 0.01 min

Lab File: BF111759.D

Acq: 27 Dec 2018 13:49

Instrument :

BNA_F

ClientSampleId :

P001-SS022-0612-01MS

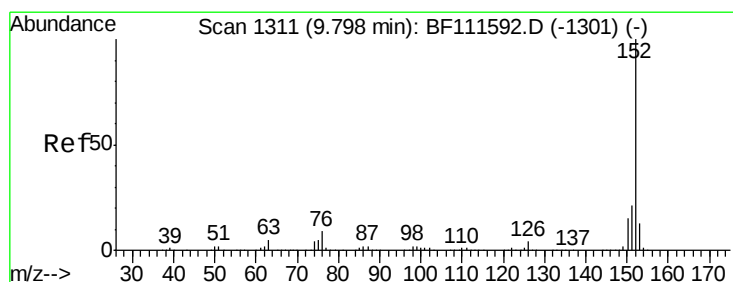
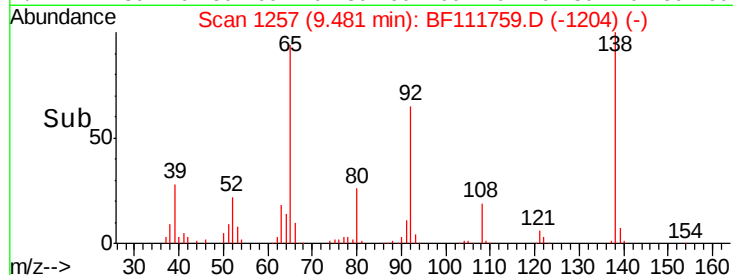
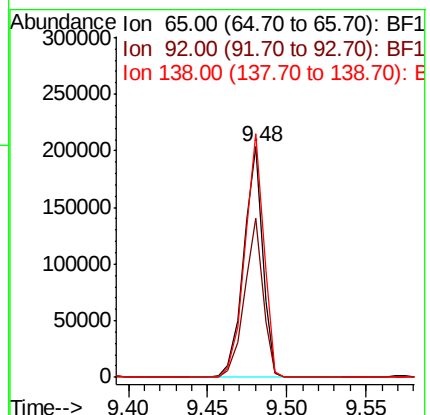
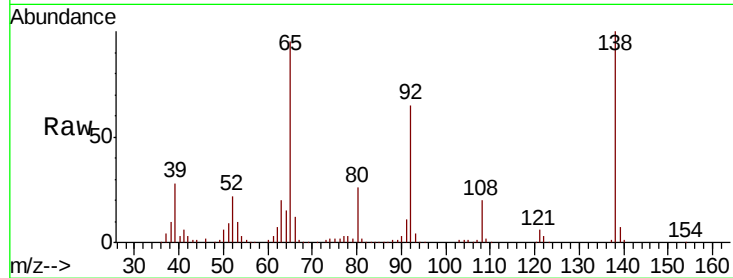
Tgt Ion: 65 Resp: 169165

Ion Ratio Lower Upper

65 100

92 69.0 53.5 80.3

138 105.6 80.9 121.3



#49

Acenaphthylene

Concen: 37.600 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.01 min

Lab File: BF111759.D

Acq: 27 Dec 2018 13:49

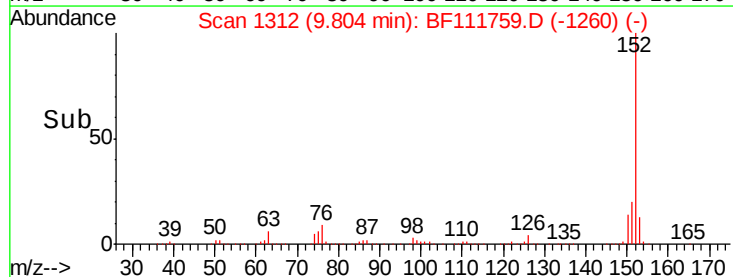
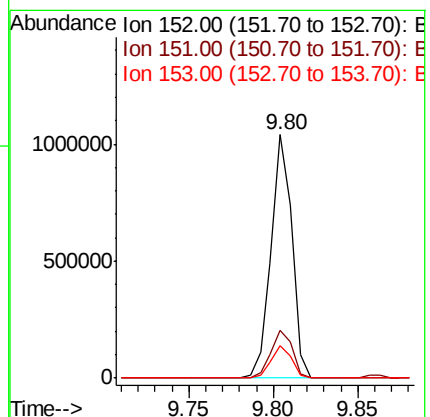
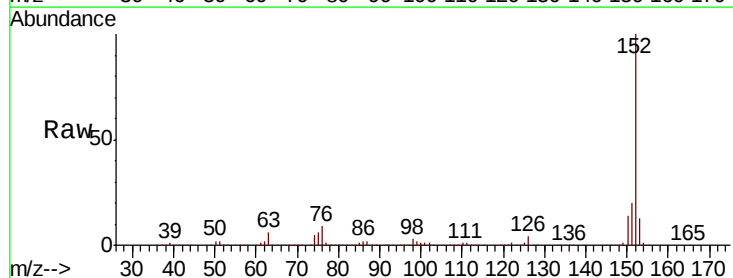
Tgt Ion: 152 Resp: 885682

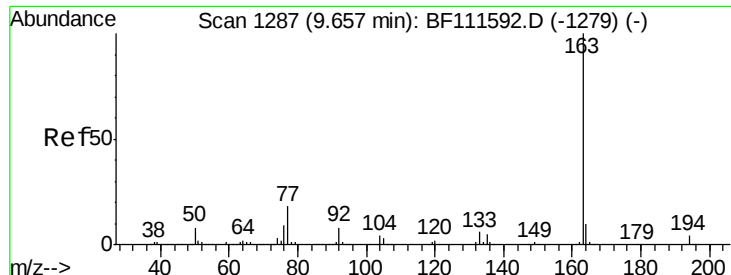
Ion Ratio Lower Upper

152 100

151 19.9 18.0 27.0

153 13.4 12.3 18.5

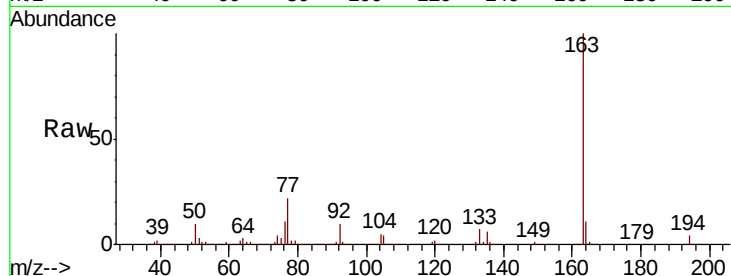




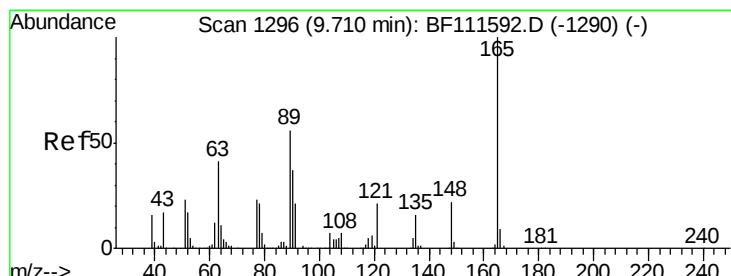
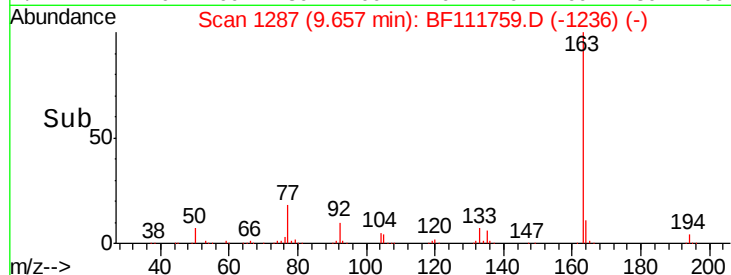
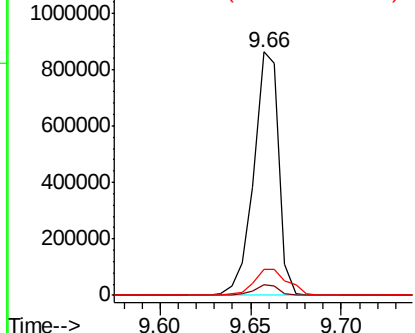
#50
Dimethylphthalate
Concen: 46.900 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BF111759.D
Acq: 27 Dec 2018 13:49

Instrument :
BNA_F
ClientSampleId :
P001-SS022-0612-01MS

Tgt Ion:163 Resp: 827295
Ion Ratio Lower Upper
163 100
194 4.2 3.0 4.6
164 10.9 8.9 13.3

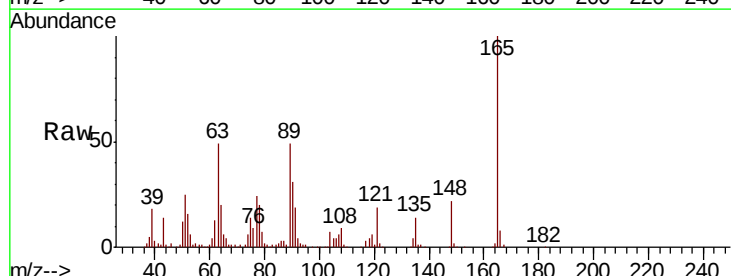


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

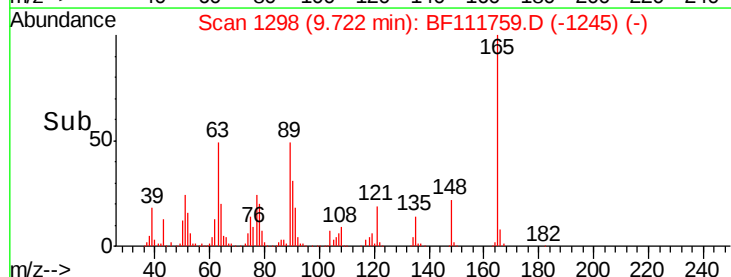
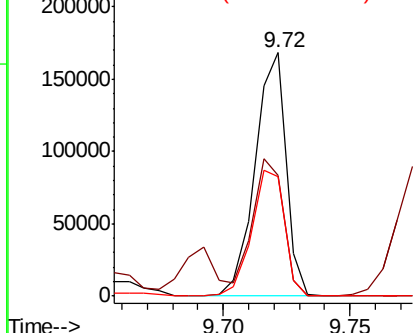


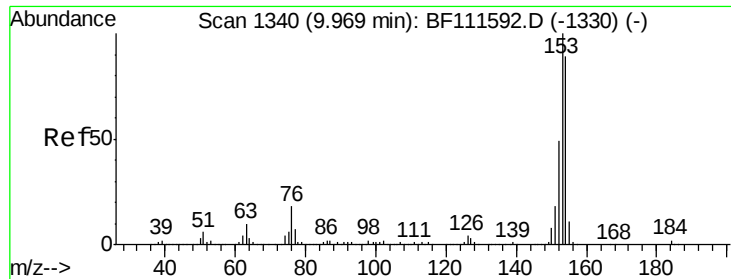
#51
2,6-Dinitrotoluene
Concen: 41.117 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.01 min
Lab File: BF111759.D
Acq: 27 Dec 2018 13:49

Tgt Ion:165 Resp: 144623
Ion Ratio Lower Upper
165 100
63 49.5 40.5 60.7
89 49.1 40.0 60.0



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





#52

Acenaphthene

Concen: 39.616 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.01 min

Lab File: BF111759.D

Acq: 27 Dec 2018 13:49

Instrument :

BNA_F

ClientSampleId :

P001-SS022-0612-01MS

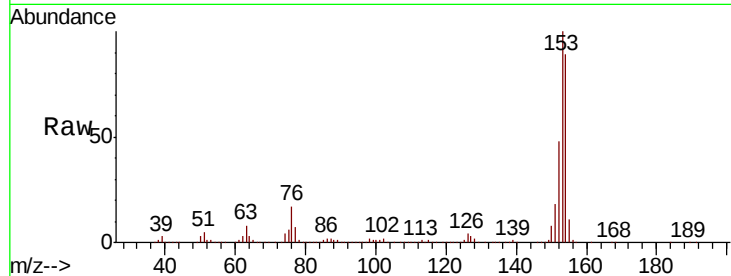
Tgt Ion:154 Resp: 575541

Ion Ratio Lower Upper

154 100

153 112.8 87.8 131.8

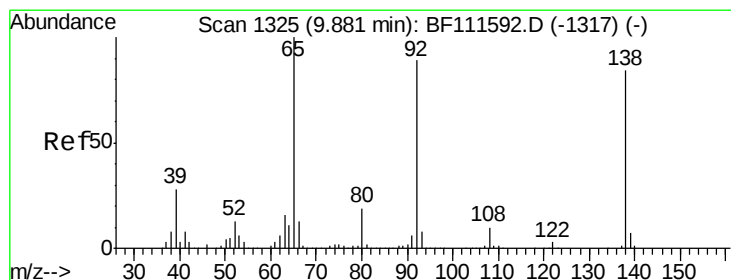
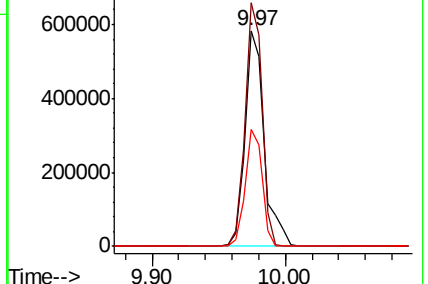
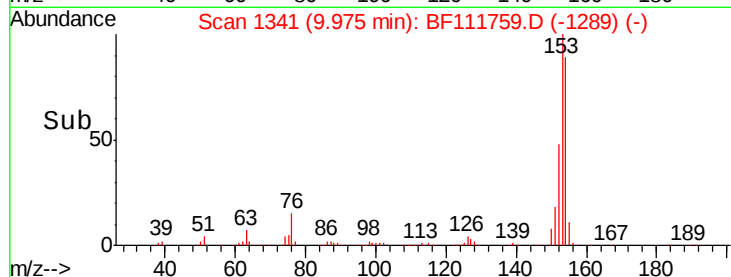
152 54.2 43.4 65.2



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: 11.879 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.01 min

Lab File: BF111759.D

Acq: 27 Dec 2018 13:49

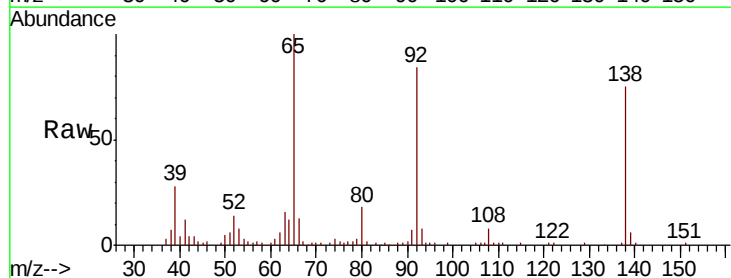
Tgt Ion:138 Resp: 44559

Ion Ratio Lower Upper

138 100

108 10.3 8.2 12.4

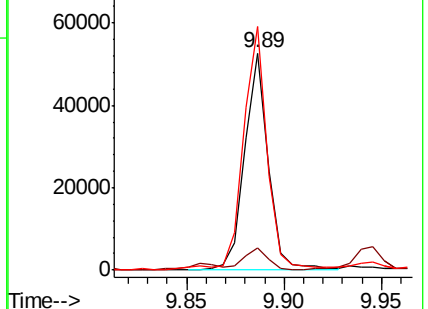
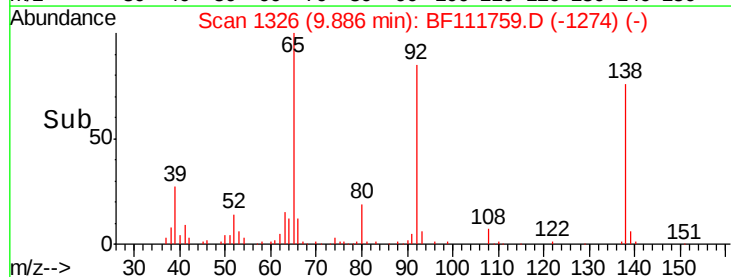
92 112.0 93.4 140.2

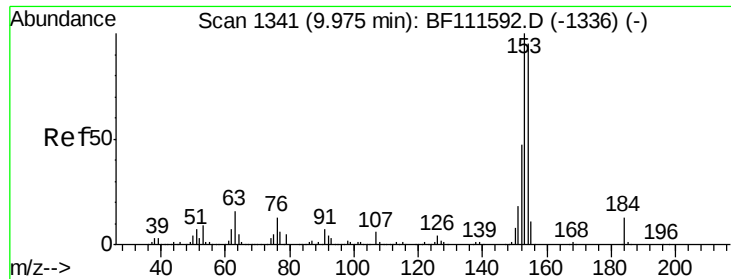


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

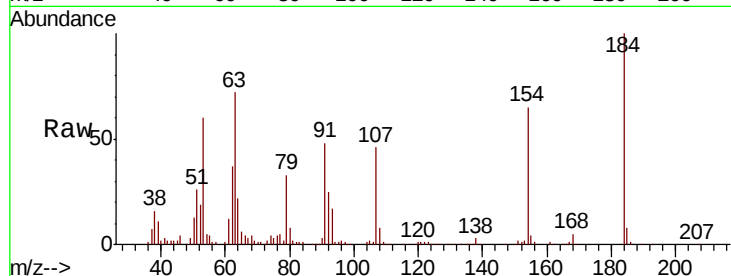




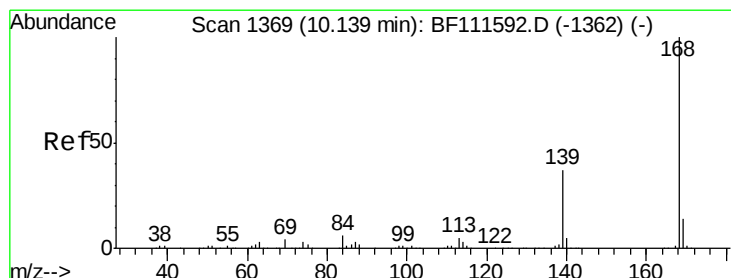
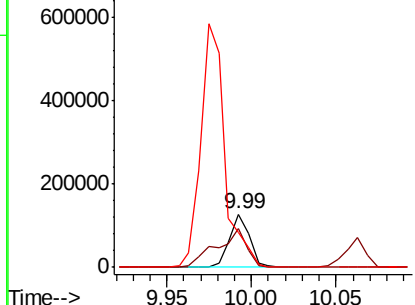
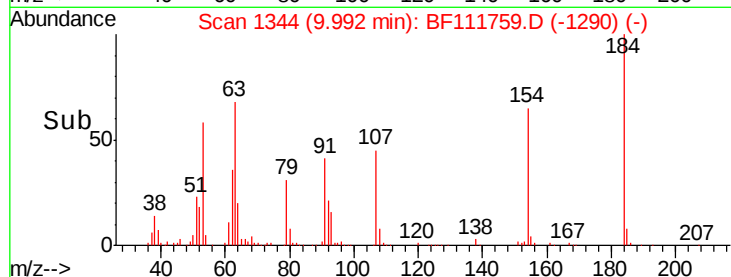
#54
2,4-Dinitrophenol
Concen: 91.699 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.02 min
Lab File: BF111759.D
Acq: 27 Dec 2018 13:49

Instrument :
BNA_F
ClientSampleId :
P001-SS022-0612-01MS

Tgt Ion:184 Resp: 104837
Ion Ratio Lower Upper
184 100
63 72.4 62.3 93.5
154 64.9 56.2 84.2

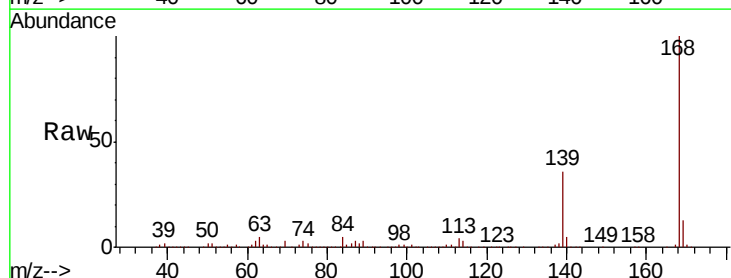


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

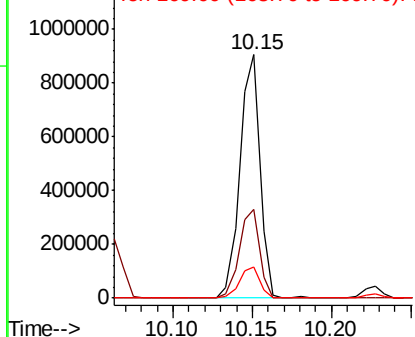
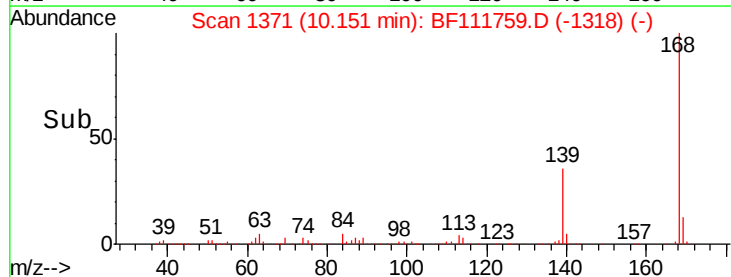


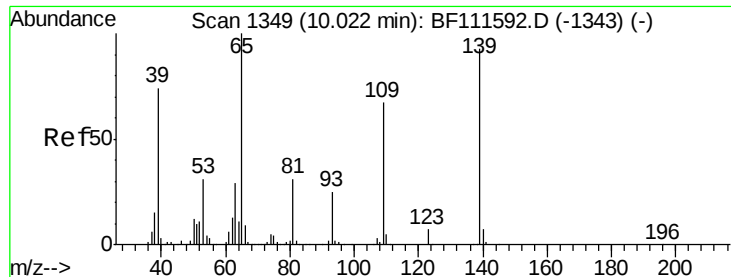
#55
Dibenzofuran
Concen: 36.091 ng
RT: 10.15 min Scan# 1371
Delta R.T. 0.01 min
Lab File: BF111759.D
Acq: 27 Dec 2018 13:49

Tgt Ion:168 Resp: 792161
Ion Ratio Lower Upper
168 100
139 36.3 32.6 49.0
169 13.0 11.8 17.6



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

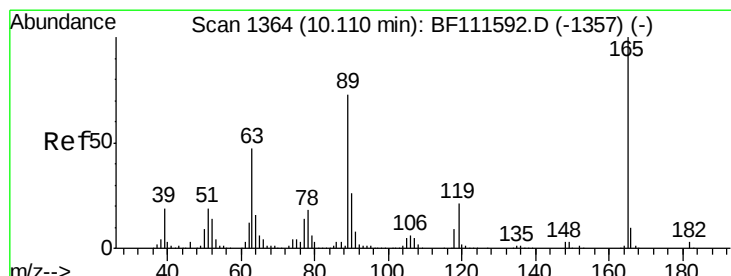
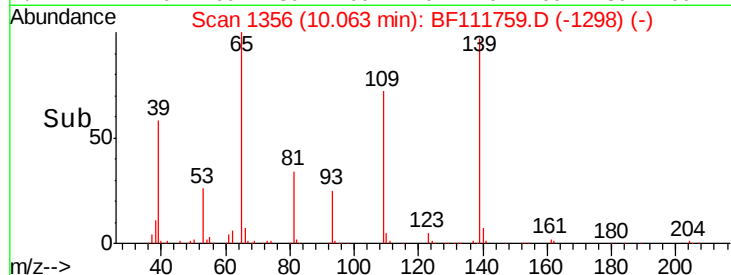
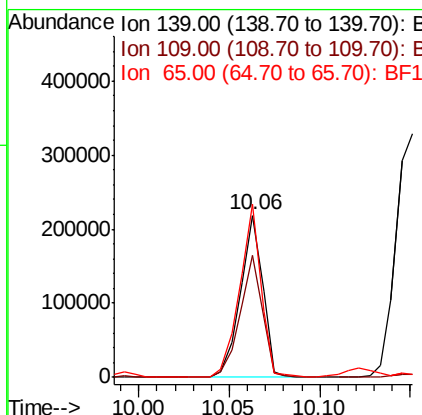
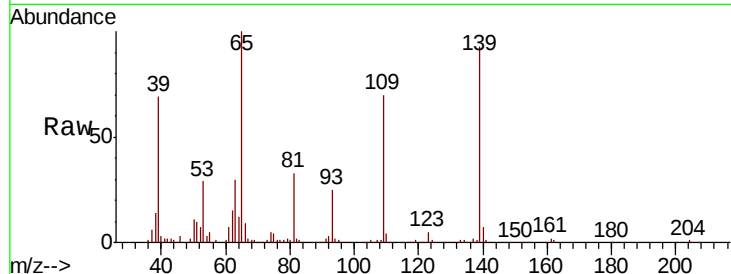




#56
4-Nitrophenol
Concen: 65.738 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.04 min
Lab File: BF111759.D
Acq: 27 Dec 2018 13:49

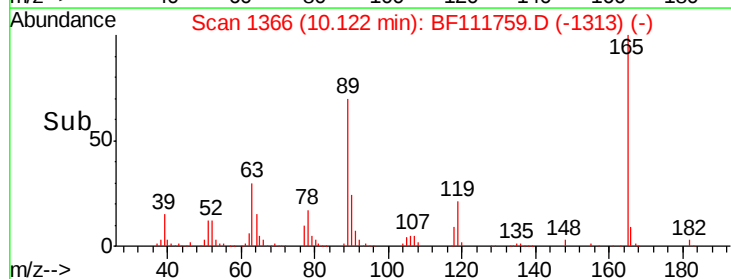
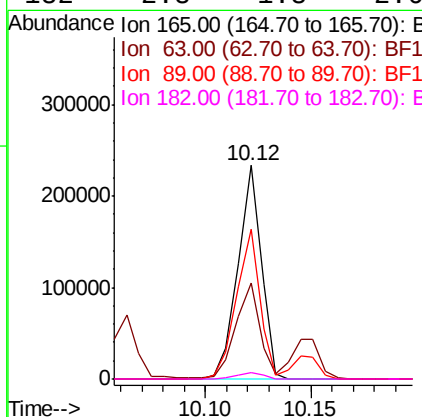
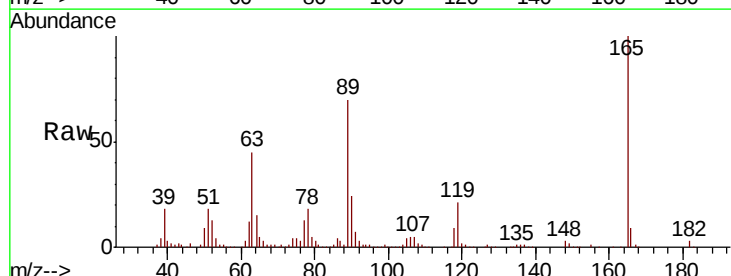
Instrument :
BNA_F
ClientSampleId :
P001-SS022-0612-01MS

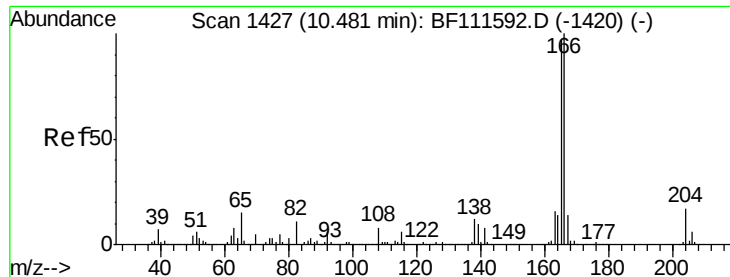
Tgt Ion:139 Resp: 188194
Ion Ratio Lower Upper
139 100
109 75.1 41.8 81.8
65 107.2 79.6 119.6



#57
2,4-Dinitrotoluene
Concen: 42.490 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BF111759.D
Acq: 27 Dec 2018 13:49

Tgt Ion:165 Resp: 179623
Ion Ratio Lower Upper
165 100
63 44.9 34.6 52.0
89 70.1 56.2 84.4
182 2.8 1.8 2.6#





#58

Fluorene

Concen: 37.750 ng

RT: 10.49 min Scan# 1429

Delta R.T. 0.01 min

Lab File: BF111759.D

Acq: 27 Dec 2018 13:49

Instrument :

BNA_F

ClientSampleId :

P001-SS022-0612-01MS

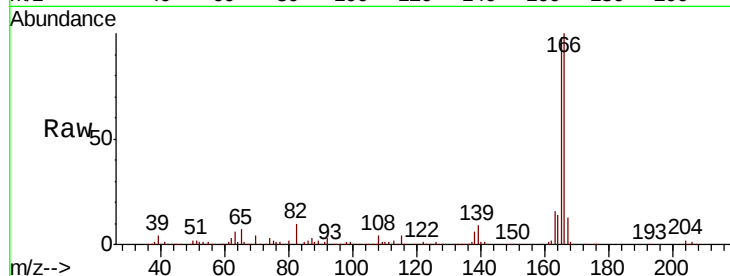
Tgt Ion:166 Resp: 597063

Ion Ratio Lower Upper

166 100

165 98.2 78.4 117.6

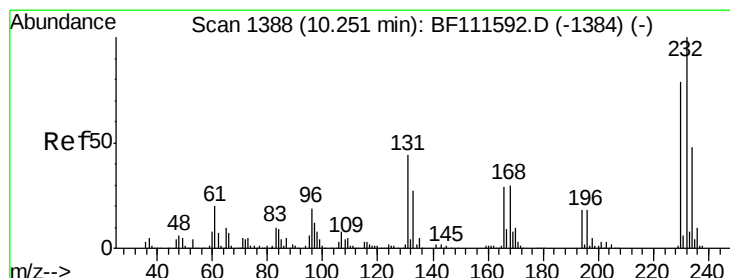
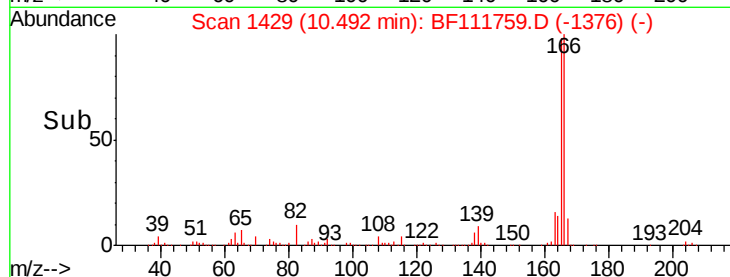
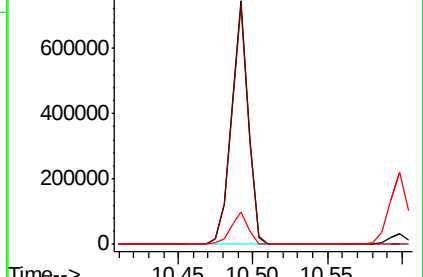
167 13.1 11.2 16.8



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: 34.333 ng

RT: 10.27 min Scan# 1391

Delta R.T. 0.02 min

Lab File: BF111759.D

Acq: 27 Dec 2018 13:49

Tgt Ion:232 Resp: 156868

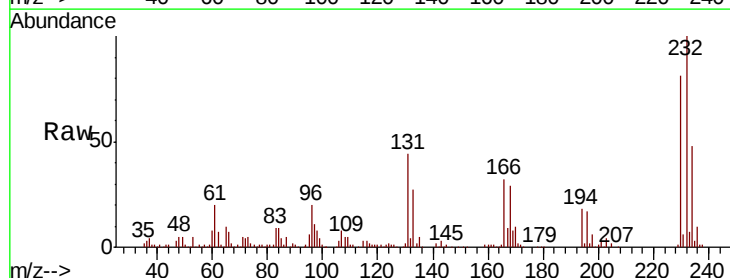
Ion Ratio Lower Upper

232 100

131 43.7 40.9 61.3

130 2.4 2.0 3.0

166 31.0 26.8 40.2

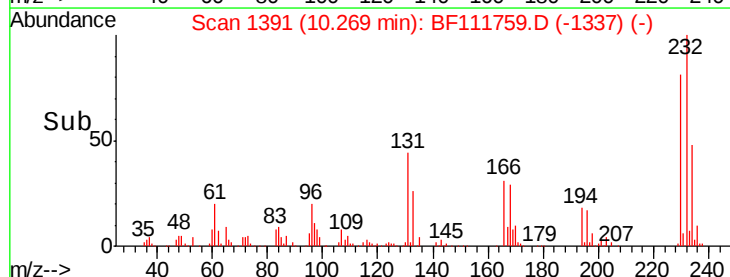
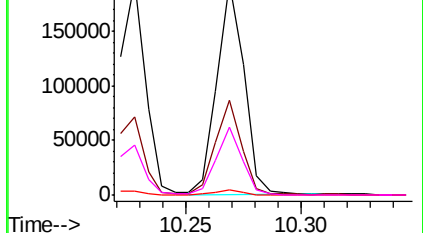


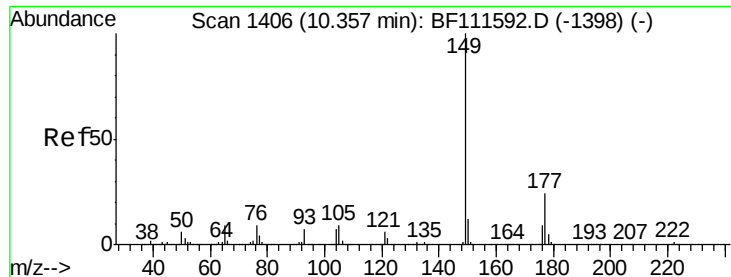
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

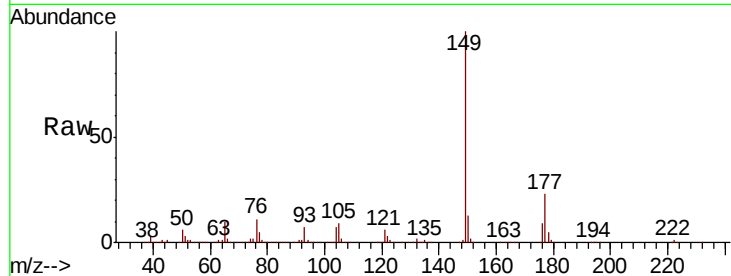




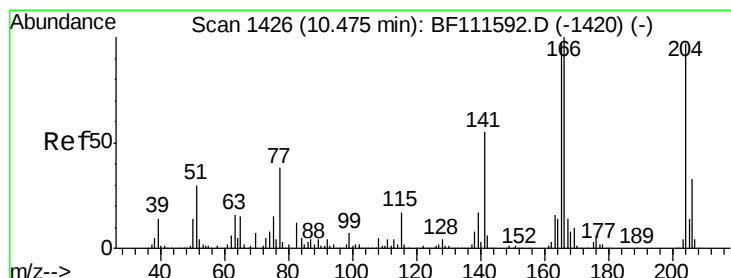
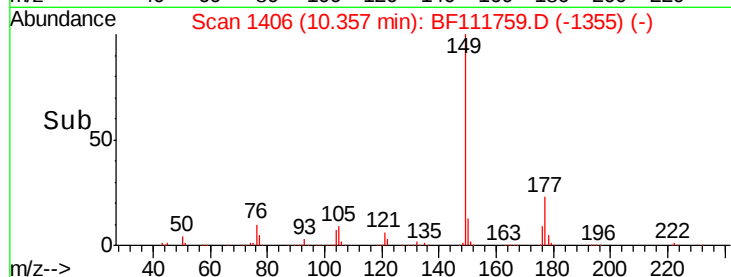
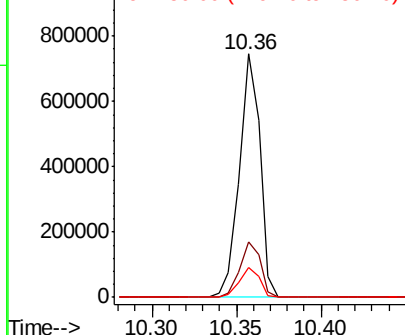
#60
Diethylphthalate
Concen: 36.471 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.00 min
Lab File: BF111759.D
Acq: 27 Dec 2018 13:49

Instrument :
BNA_F
ClientSampleId :
P001-SS022-0612-01MS

Tgt Ion:149 Resp: 631078
Ion Ratio Lower Upper
149 100
177 22.7 18.3 27.5
150 12.5 10.6 15.8

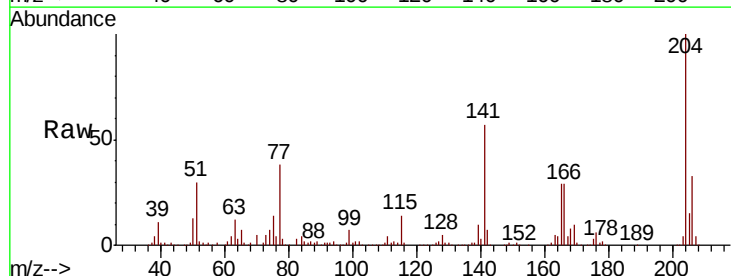


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

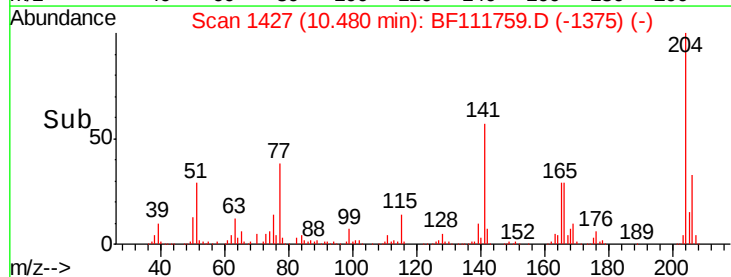
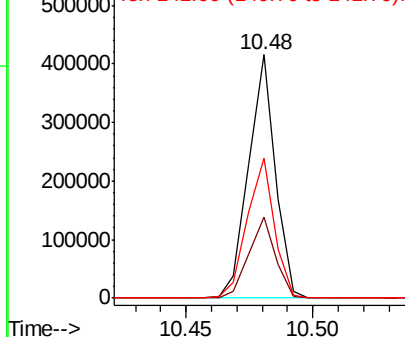


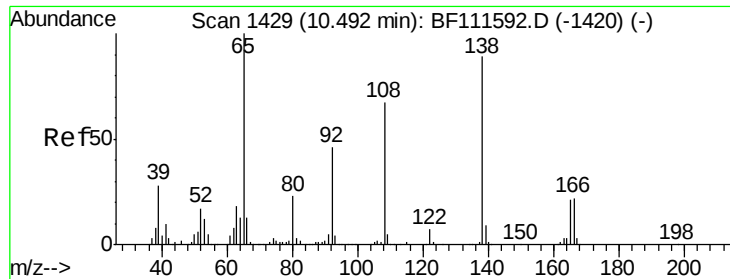
#61
4-Chlorophenyl-phenylether
Concen: 34.887 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF111759.D
Acq: 27 Dec 2018 13:49

Tgt Ion:204 Resp: 304849
Ion Ratio Lower Upper
204 100
206 33.3 26.6 39.8
141 57.4 52.6 78.8



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

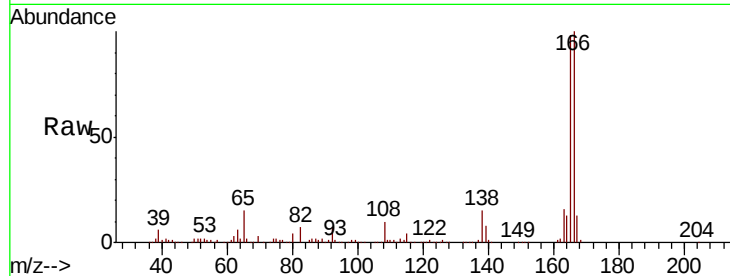




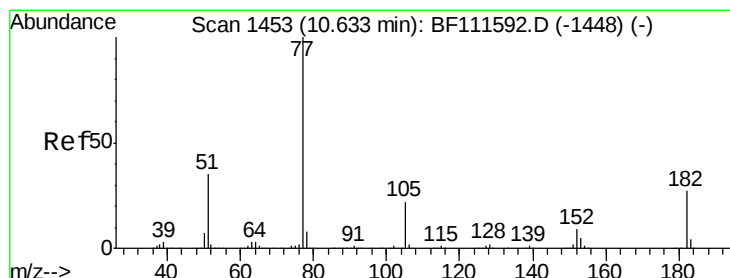
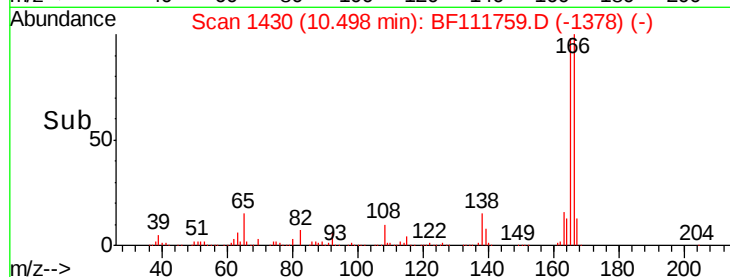
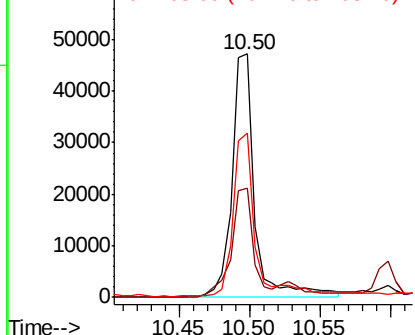
#62
4-Nitroaniline
Concen: 14.434 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF111759.D
Acq: 27 Dec 2018 13:49

Instrument :
BNA_F
ClientSampleId :
P001-SS022-0612-01MS

Tgt Ion: 138 Resp: 52625
Ion Ratio Lower Upper
138 100
92 44.6 29.9 69.9
108 67.7 43.2 83.2

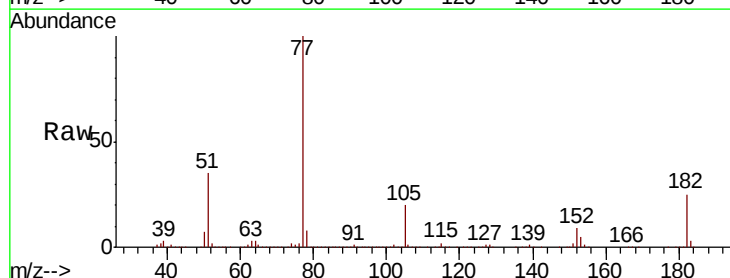


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

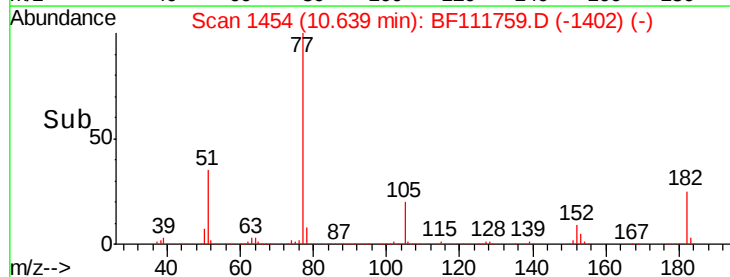
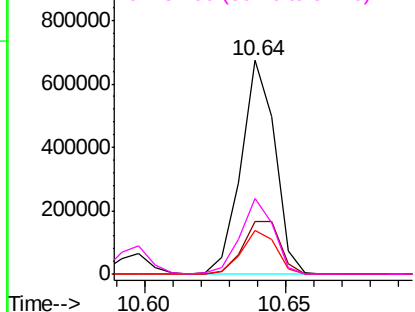


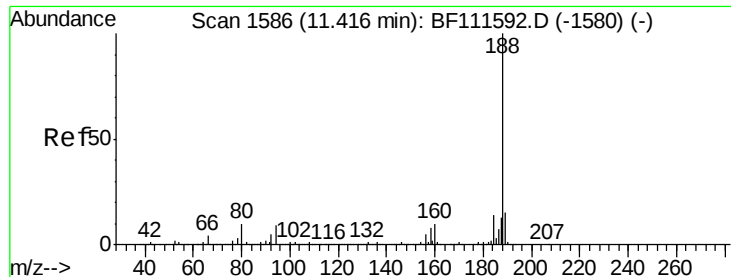
#63
Azobenzene
Concen: 32.182 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.01 min
Lab File: BF111759.D
Acq: 27 Dec 2018 13:49

Tgt Ion: 77 Resp: 559043
Ion Ratio Lower Upper
77 100
182 24.9 4.9 44.9
105 20.5 6.0 46.0
51 35.3 14.7 54.7



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.43 min Scan# 1588

Delta R.T. 0.01 min

Lab File: BF111759.D

Acq: 27 Dec 2018 13:49

Instrument :

BNA_F

ClientSampleId :

P001-SS022-0612-01MS

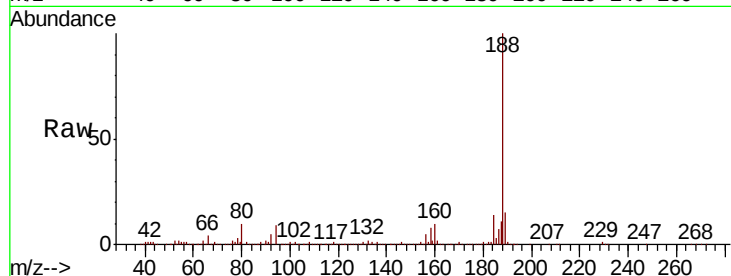
Tgt Ion:188 Resp: 394249

Ion Ratio Lower Upper

188 100

94 8.9 9.6 14.4#

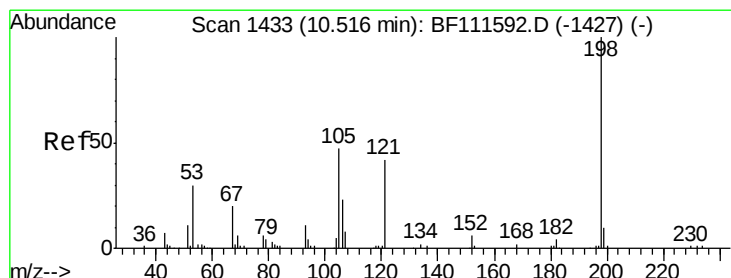
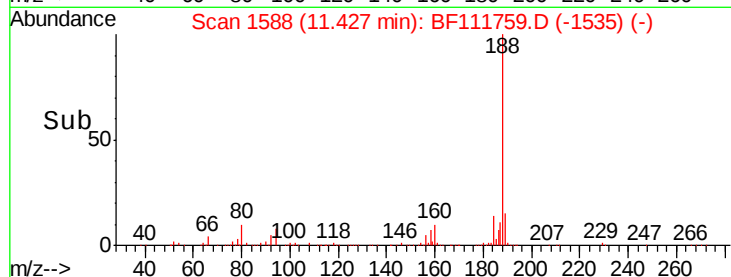
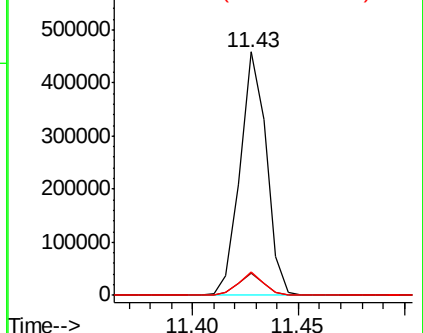
80 9.8 9.8 14.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#65

4,6-Dinitro-2-methylphenol

Concen: 43.006 ng

RT: 10.53 min Scan# 1436

Delta R.T. 0.02 min

Lab File: BF111759.D

Acq: 27 Dec 2018 13:49

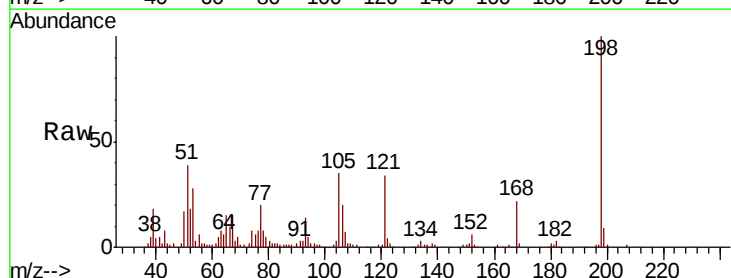
Tgt Ion:198 Resp: 68756

Ion Ratio Lower Upper

198 100

51 38.8 48.0 88.0#

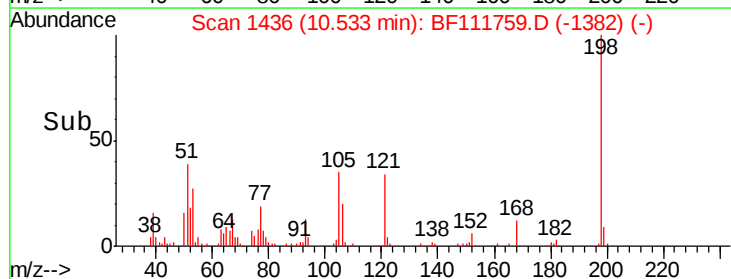
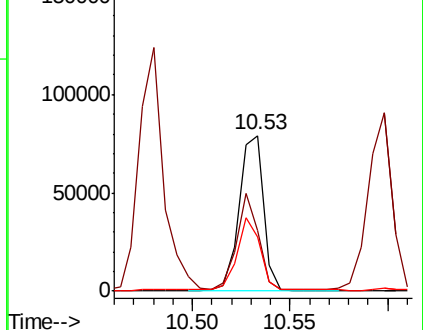
105 35.1 34.0 74.0

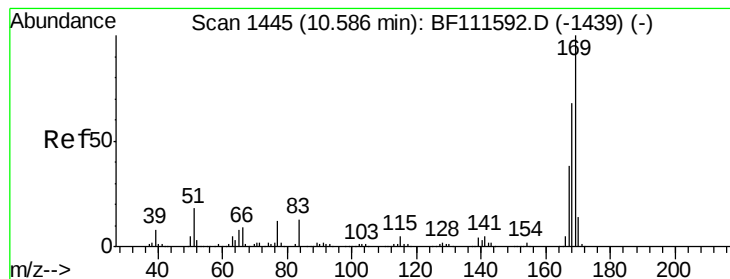


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#66

n-Nitrosodiphenylamine

Concen: 37.785 ng

RT: 10.60 min Scan# 1447

Delta R.T. 0.01 min

Lab File: BF111759.D

Acq: 27 Dec 2018 13:49

Instrument :

BNA_F

ClientSampleId :

P001-SS022-0612-01MS

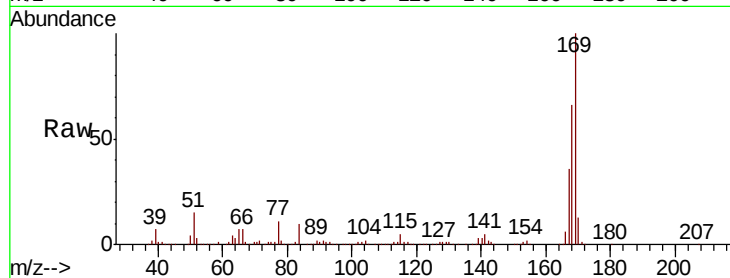
Tgt Ion:169 Resp: 500056

Ion Ratio Lower Upper

169 100

168 66.4 54.4 81.6

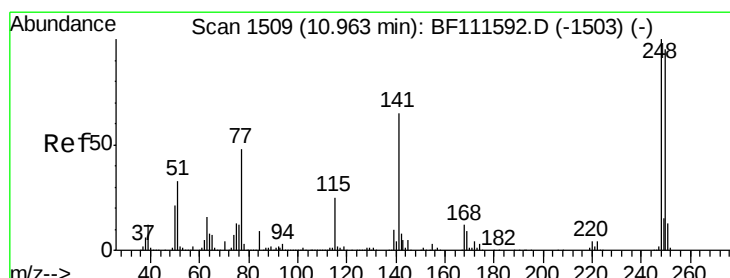
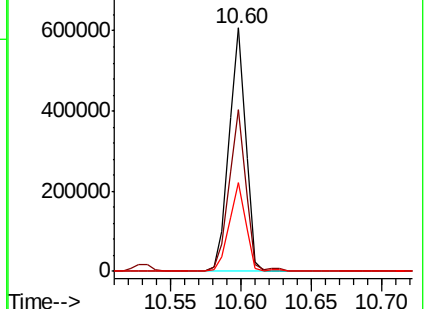
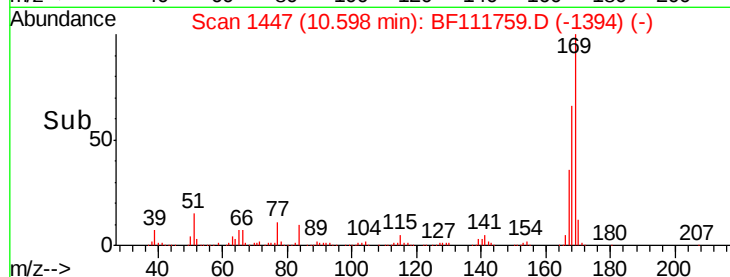
167 36.3 30.5 45.7



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: 36.846 ng

RT: 10.97 min Scan# 1510

Delta R.T. 0.01 min

Lab File: BF111759.D

Acq: 27 Dec 2018 13:49

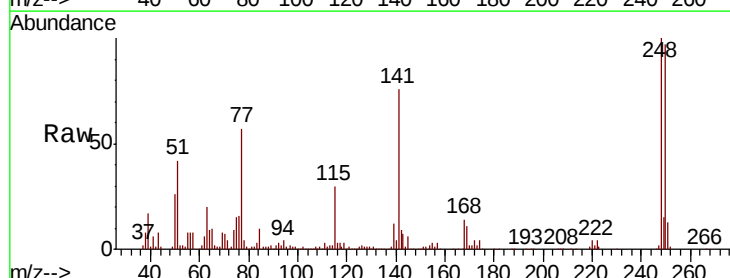
Tgt Ion:248 Resp: 180177

Ion Ratio Lower Upper

248 100

250 97.0 77.0 115.4

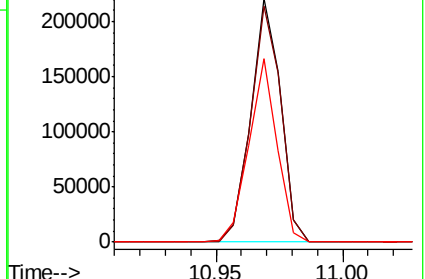
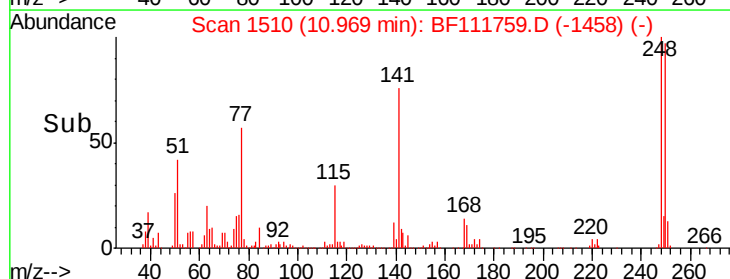
141 75.6 63.0 94.6

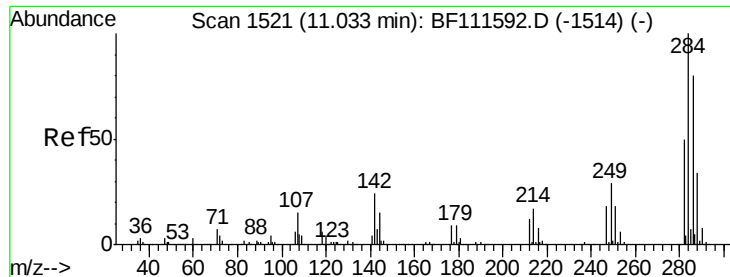


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#68

Hexachlorobenzene

Concen: 37.103 ng

RT: 11.05 min Scan# 1523

Delta R.T. 0.01 min

Lab File: BF111759.D

Acq: 27 Dec 2018 13:49

Instrument :

BNA_F

ClientSampleId :

P001-SS022-0612-01MS

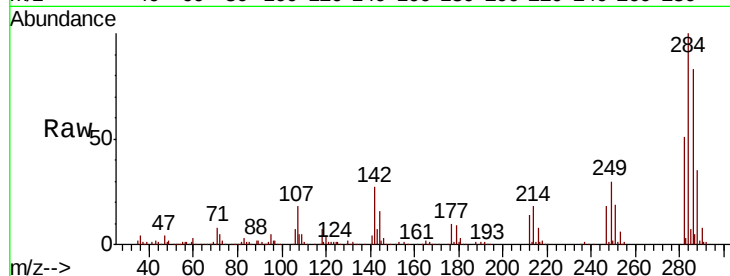
Tgt Ion:284 Resp: 202294

Ion Ratio Lower Upper

284 100

142 27.3 27.4 41.2#

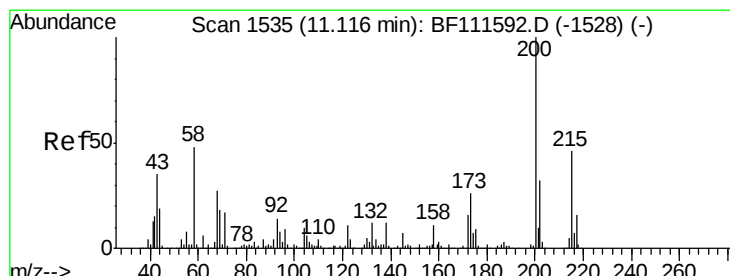
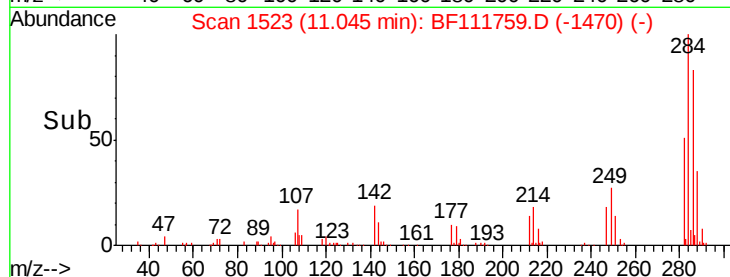
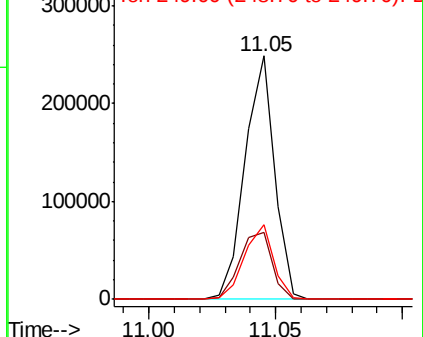
249 30.4 24.4 36.6



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#69

Atrazine

Concen: 33.612 ng

RT: 11.13 min Scan# 1537

Delta R.T. 0.01 min

Lab File: BF111759.D

Acq: 27 Dec 2018 13:49

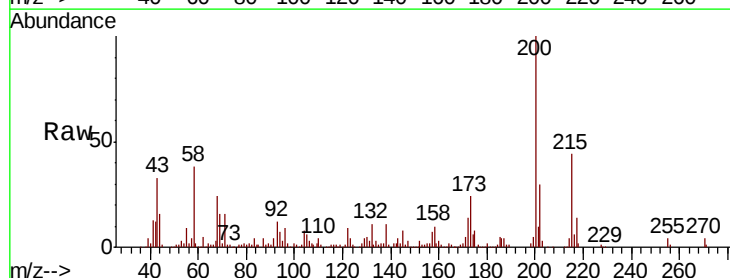
Tgt Ion:200 Resp: 154533

Ion Ratio Lower Upper

200 100

173 24.2 10.1 50.1

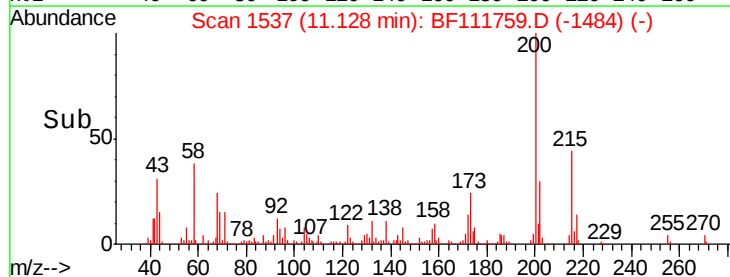
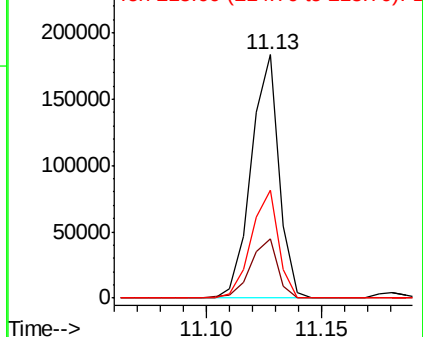
215 44.1 26.9 66.9

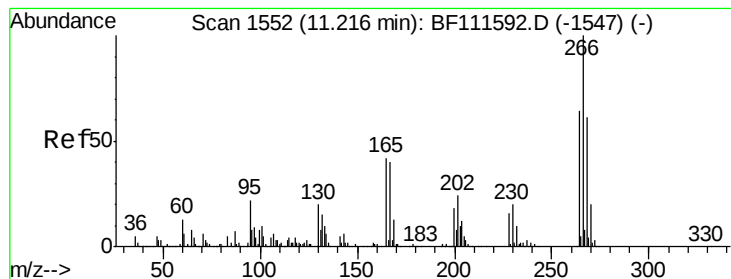


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#70

Pentachlorophenol

Concen: 60.531 ng

RT: 11.24 min Scan# 1556

Delta R.T. 0.02 min

Lab File: BF111759.D

Acq: 27 Dec 2018 13:49

Instrument :

BNA_F

ClientSampleId :

P001-SS022-0612-01MS

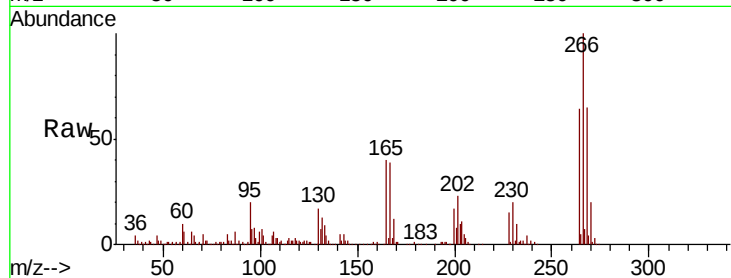
Tgt Ion:266 Resp: 204026

Ion Ratio Lower Upper

266 100

268 64.7 47.9 71.9

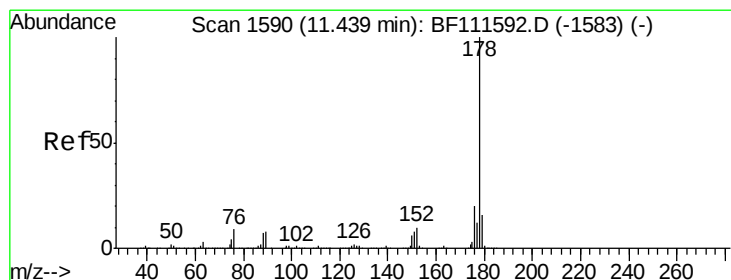
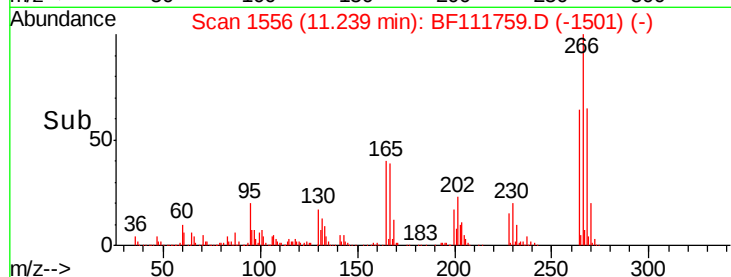
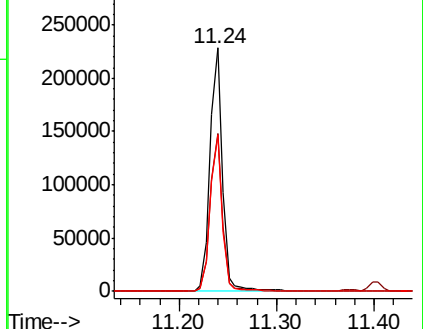
264 64.1 49.1 73.7



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#71

Phenanthrene

Concen: 38.615 ng

RT: 11.46 min Scan# 1593

Delta R.T. 0.02 min

Lab File: BF111759.D

Acq: 27 Dec 2018 13:49

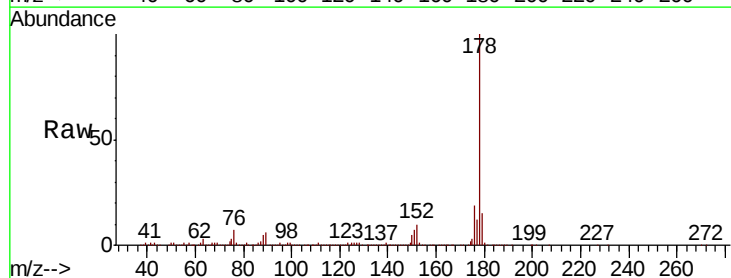
Tgt Ion:178 Resp: 807383

Ion Ratio Lower Upper

178 100

176 19.1 18.1 27.1

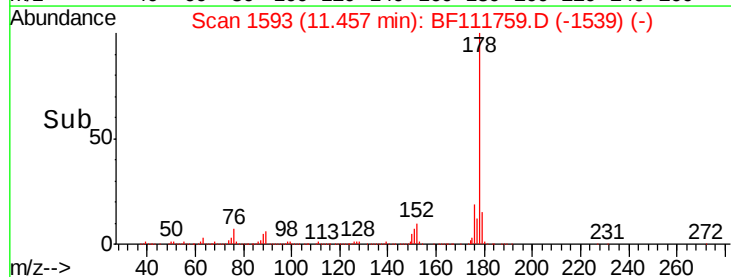
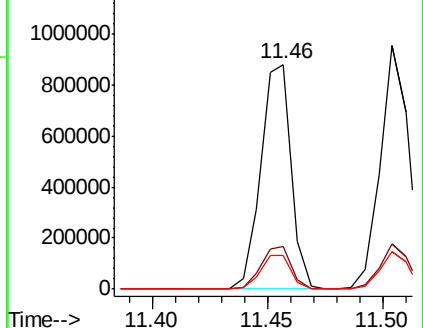
179 14.9 14.0 21.0

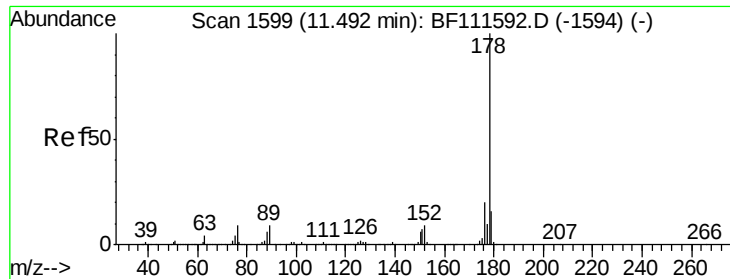


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 38.265 ng

RT: 11.50 min Scan# 1601

Delta R.T. 0.01 min

Lab File: BF111759.D

Acq: 27 Dec 2018 13:49

Instrument :

BNA_F

ClientSampleId :

P001-SS022-0612-01MS

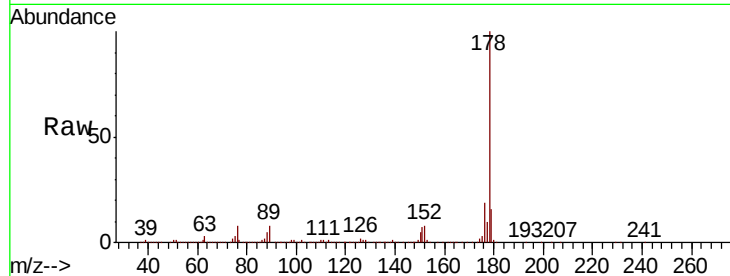
Tgt Ion:178 Resp: 803063

Ion Ratio Lower Upper

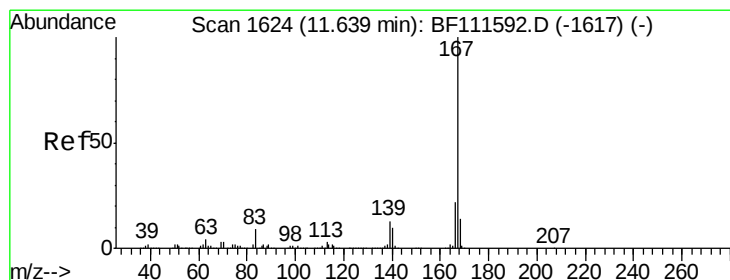
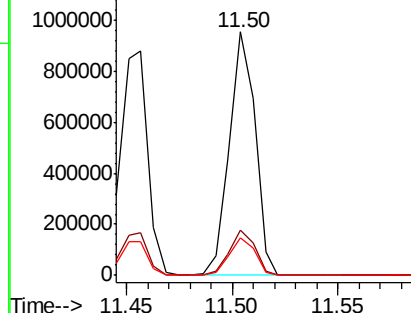
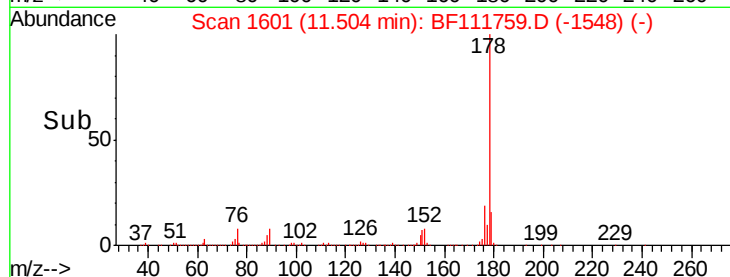
178 100

176 18.6 17.2 25.8

179 15.6 13.8 20.8



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



#73

Carbazole

Concen: 33.352 ng

RT: 11.66 min Scan# 1627

Delta R.T. 0.02 min

Lab File: BF111759.D

Acq: 27 Dec 2018 13:49

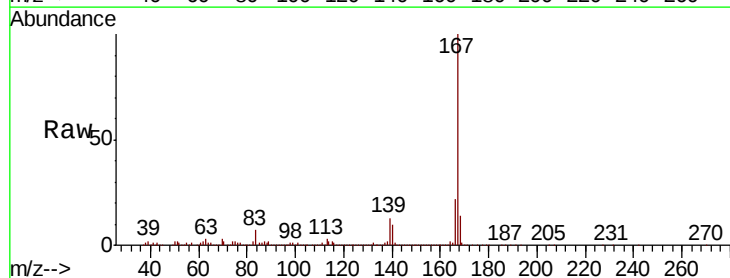
Tgt Ion:167 Resp: 679562

Ion Ratio Lower Upper

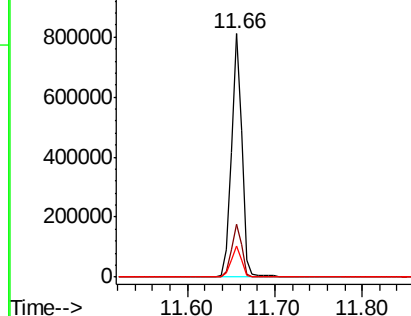
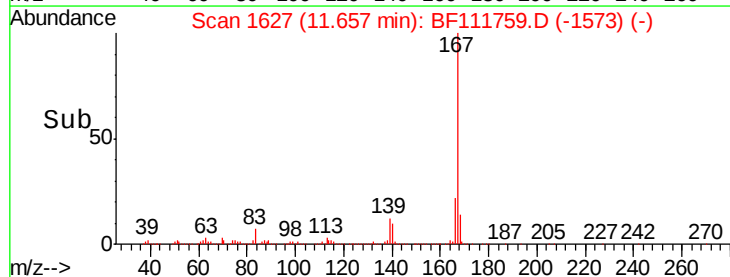
167 100

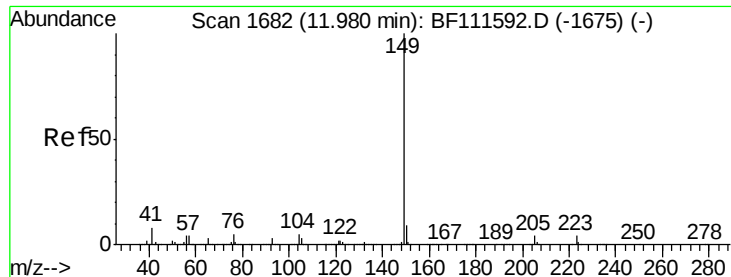
166 21.9 19.3 28.9

139 12.5 11.9 17.9



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





#74

Di-n-butylphthalate

Concen: 38.257 ng

RT: 11.99 min Scan# 1683

Delta R.T. 0.01 min

Lab File: BF111759.D

Acq: 27 Dec 2018 13:49

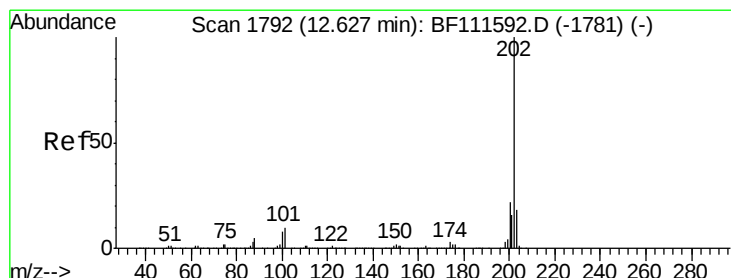
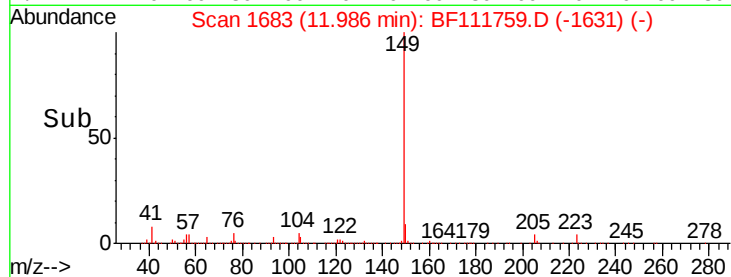
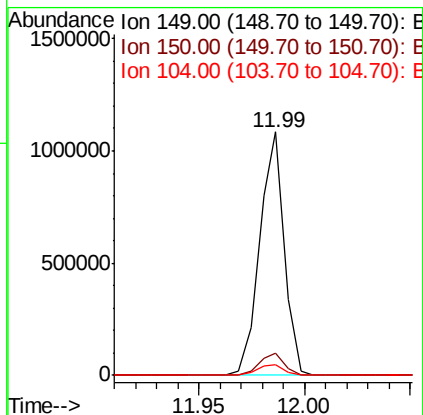
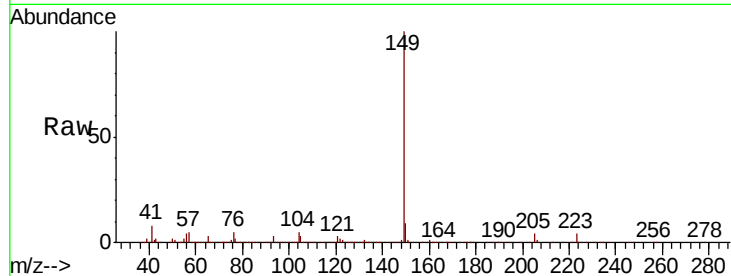
Instrument :

BNA_F

ClientSampleId :

P001-SS022-0612-01MS

Tgt Ion:	149	Resp:	873986
Ion	Ratio	Lower	Upper
149	100		
150	9.3	8.8	13.2
104	4.6	4.5	6.7



#75

Fluoranthene

Concen: 38.320 ng

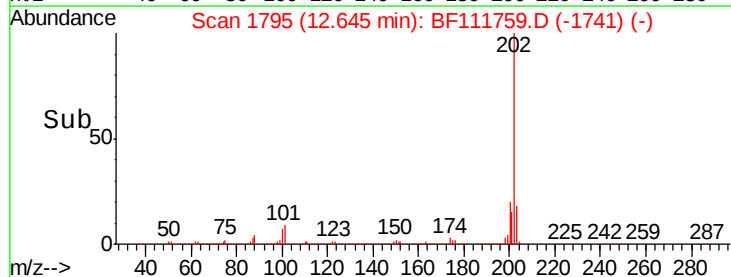
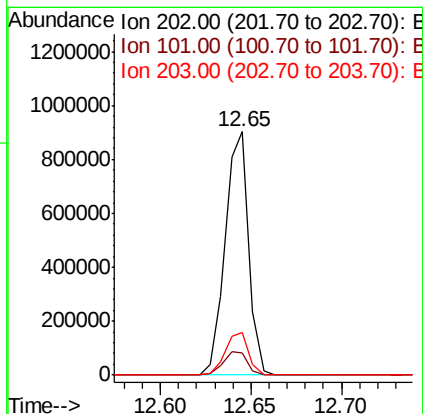
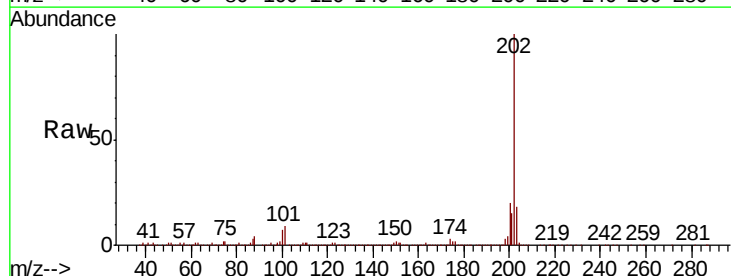
RT: 12.65 min Scan# 1795

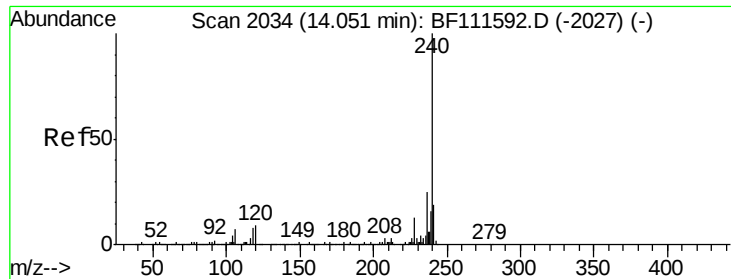
Delta R.T. 0.02 min

Lab File: BF111759.D

Acq: 27 Dec 2018 13:49

Tgt Ion:	202	Resp:	811332
Ion	Ratio	Lower	Upper
202	100		
101	8.9	0.0	33.8
203	17.8	0.0	38.6

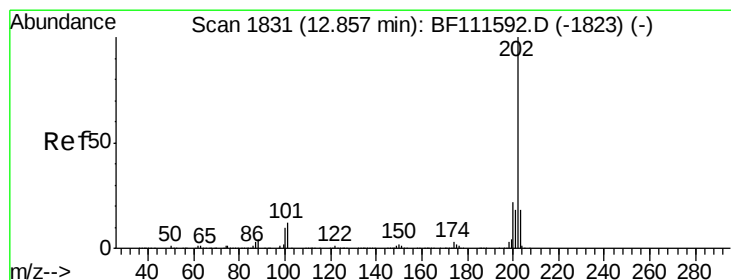
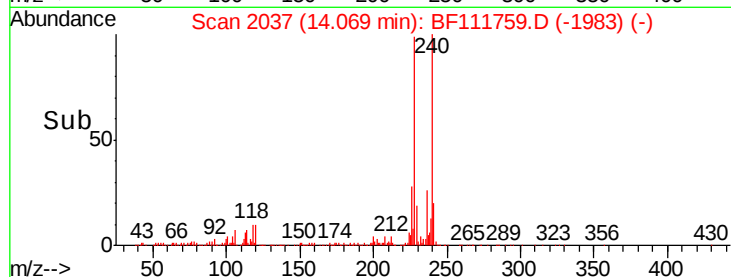
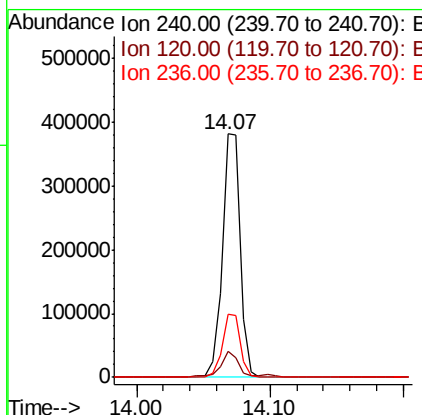
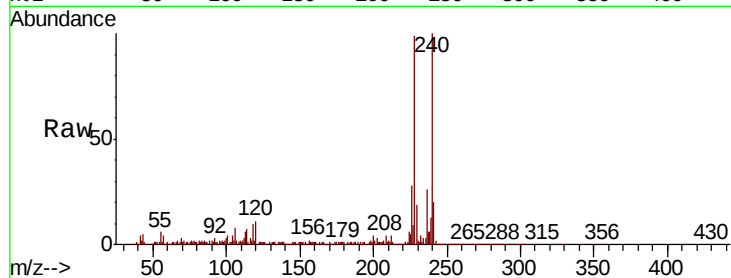




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2037
Delta R.T. 0.02 min
Lab File: BF111759.D
Acq: 27 Dec 2018 13:49

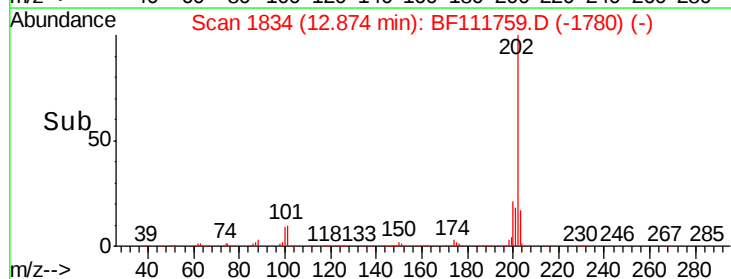
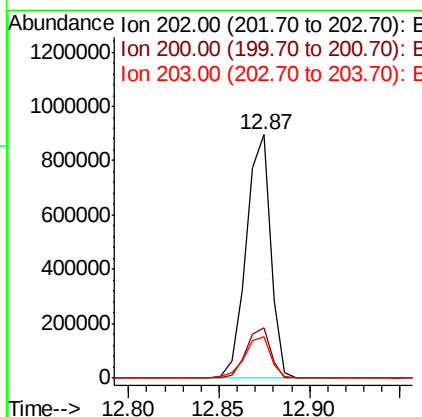
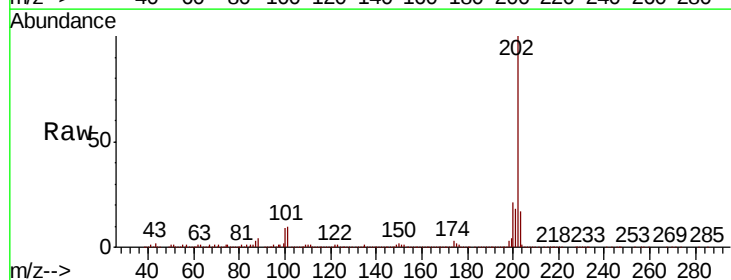
Instrument :
BNA_F
ClientSampleId :
P001-SS022-0612-01MS

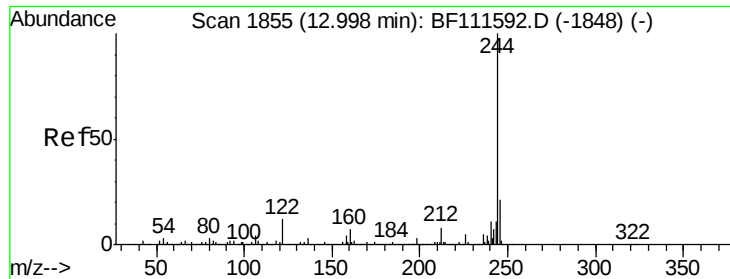
Tgt Ion:240 Resp: 363118
Ion Ratio Lower Upper
240 100
120 10.6 12.2 18.2#
236 25.7 20.2 30.2



#78
Pyrene
Concen: 32.489 ng
RT: 12.87 min Scan# 1834
Delta R.T. 0.02 min
Lab File: BF111759.D
Acq: 27 Dec 2018 13:49

Tgt Ion:202 Resp: 833109
Ion Ratio Lower Upper
202 100
200 20.6 19.0 28.4
203 16.8 15.2 22.8





#79

Terphenyl-d14

Concen: 61.072 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.01 min

Lab File: BF111759.D

Acq: 27 Dec 2018 13:49

Instrument :

BNA_F

ClientSampleId :

P001-SS022-0612-01MS

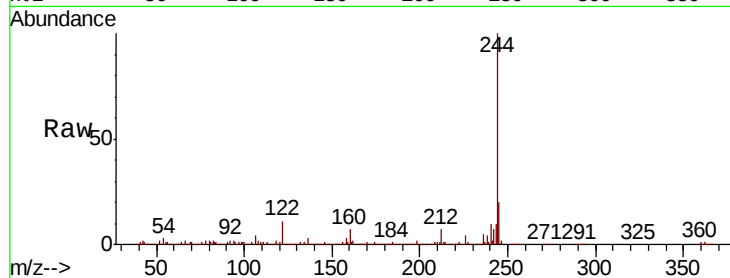
Tgt Ion:244 Resp: 1169373

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

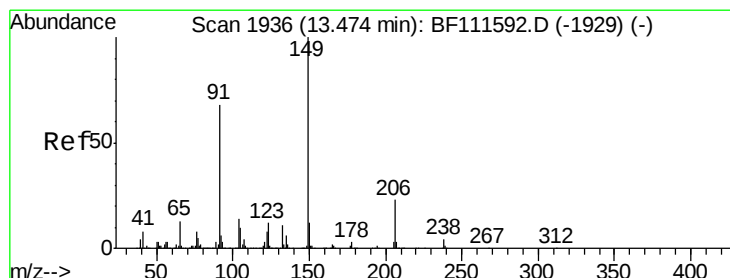
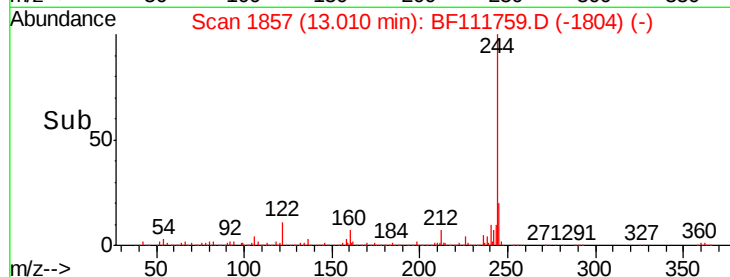
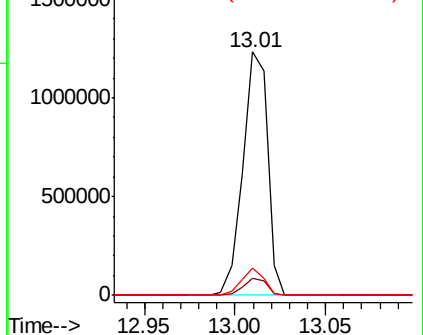
122 11.0 13.1 19.7#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 35.676 ng

RT: 13.49 min Scan# 1938

Delta R.T. 0.01 min

Lab File: BF111759.D

Acq: 27 Dec 2018 13:49

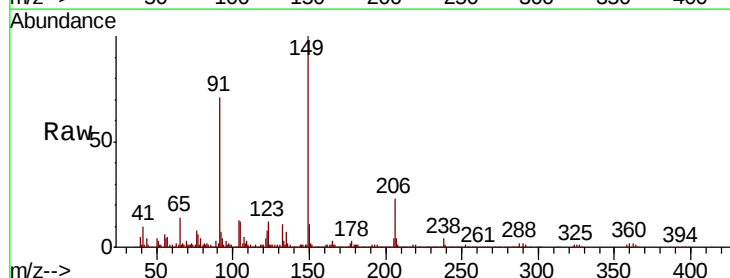
Tgt Ion:149 Resp: 372909

Ion Ratio Lower Upper

149 100

91 70.7 63.8 95.6

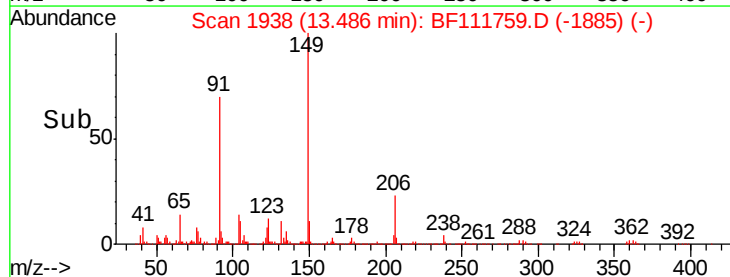
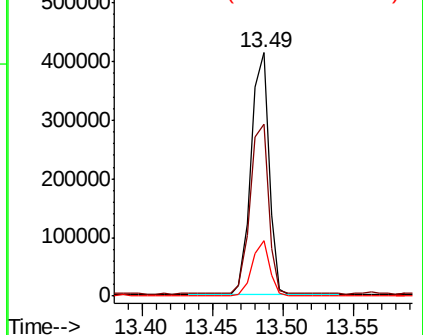
206 23.0 15.1 22.7#

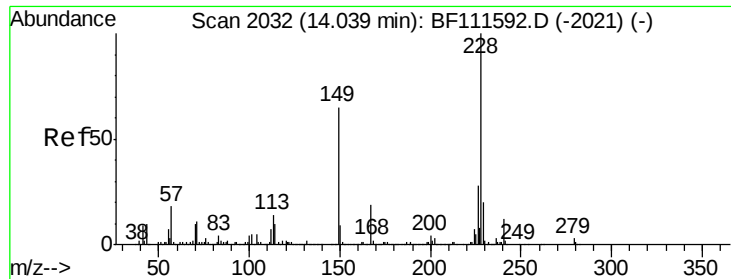


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

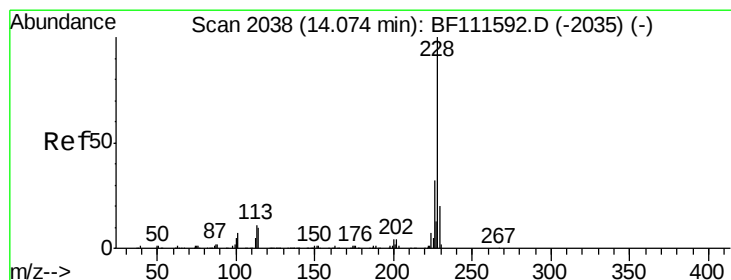
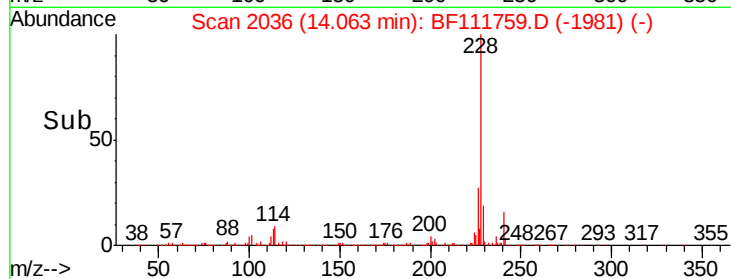
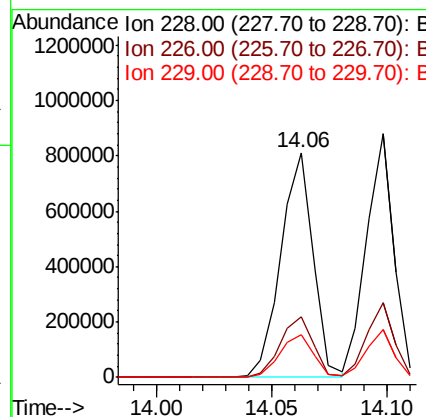
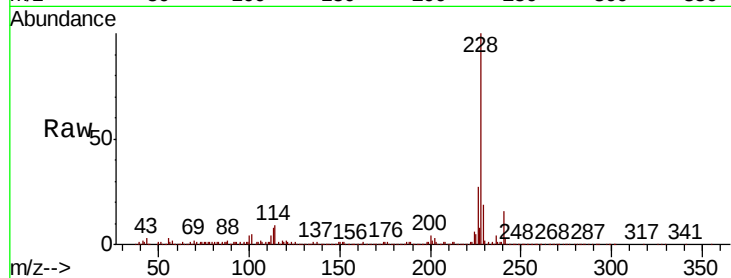




#81
Benzo(a)anthracene
Concen: 37.675 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.02 min
Lab File: BF111759.D
Acq: 27 Dec 2018 13:49

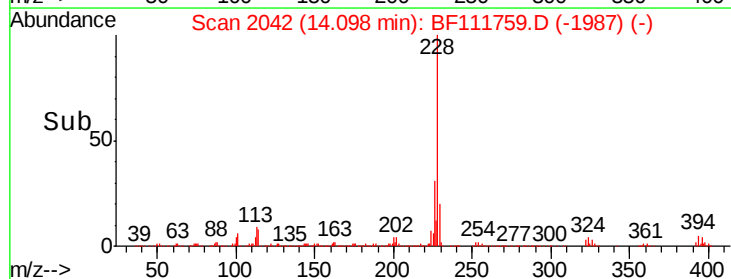
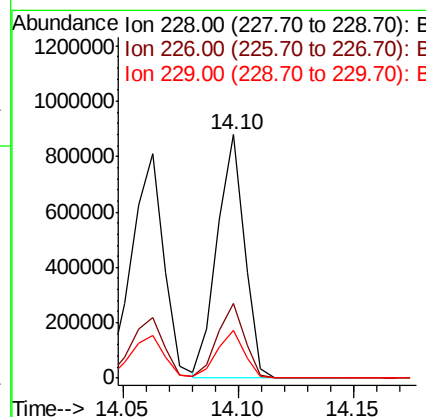
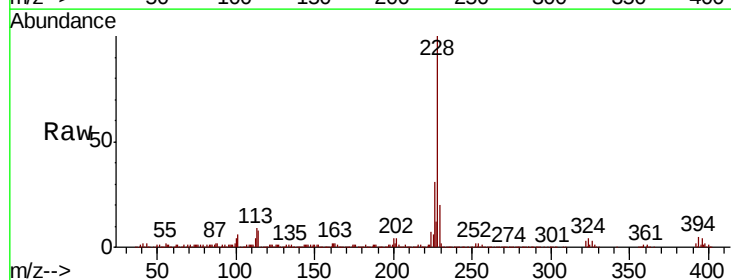
Instrument :
BNA_F
ClientSampleId :
P001-SS022-0612-01MS

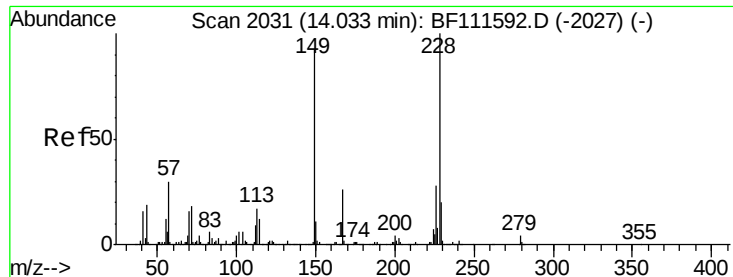
Tgt Ion: 228 Resp: 780736
Ion Ratio Lower Upper
228 100
226 27.1 22.6 34.0
229 18.9 16.3 24.5



#83
Chrysene
Concen: 35.463 ng
RT: 14.10 min Scan# 2042
Delta R.T. 0.02 min
Lab File: BF111759.D
Acq: 27 Dec 2018 13:49

Tgt Ion: 228 Resp: 722303
Ion Ratio Lower Upper
228 100
226 30.5 25.3 37.9
229 19.9 17.2 25.8





#84

Bis(2-ethylhexyl)phthalate

Concen: 40.612 ng

RT: 14.04 min Scan# 2033

Delta R.T. 0.01 min

Lab File: BF111759.D

Acq: 27 Dec 2018 13:49

Instrument :

BNA_F

ClientSampleId :

P001-SS022-0612-01MS

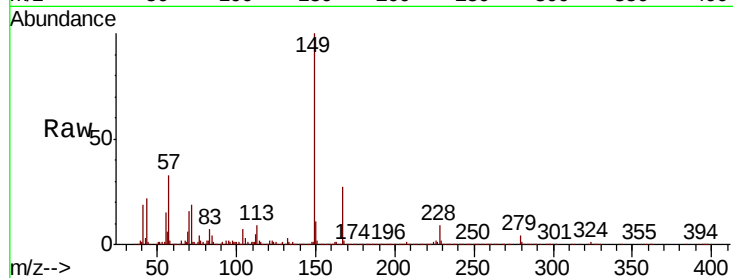
Tgt Ion:149 Resp: 534710

Ion Ratio Lower Upper

149 100

167 27.1 22.5 33.7

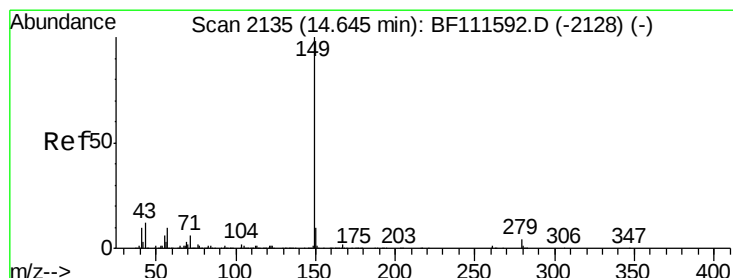
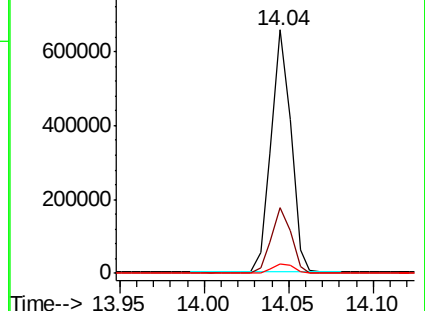
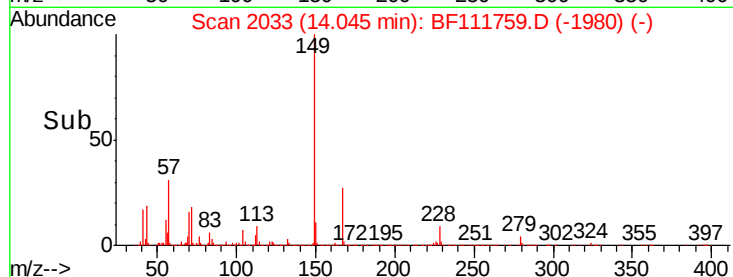
279 3.9 2.6 4.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 42.852 ng

RT: 14.66 min Scan# 2138

Delta R.T. 0.02 min

Lab File: BF111759.D

Acq: 27 Dec 2018 13:49

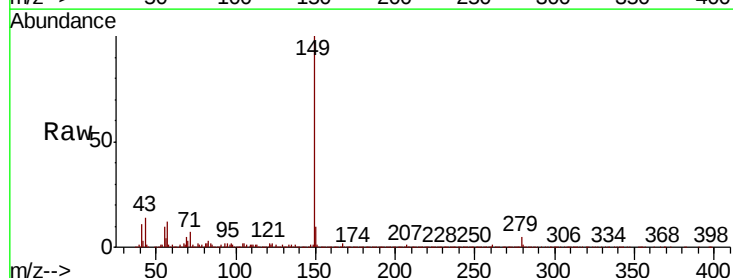
Tgt Ion:149 Resp: 874144

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

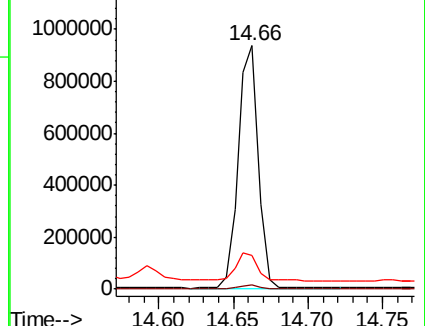
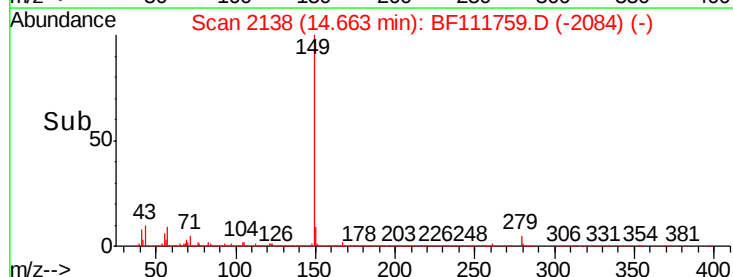
43 13.7 10.9 16.3

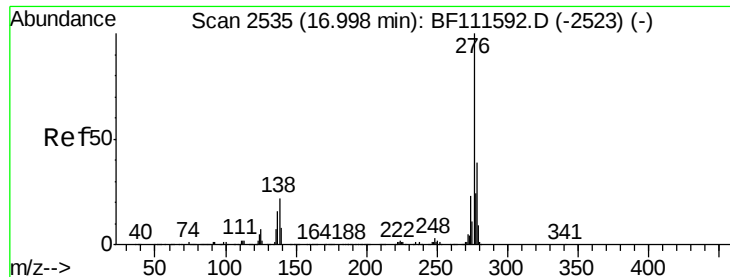


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

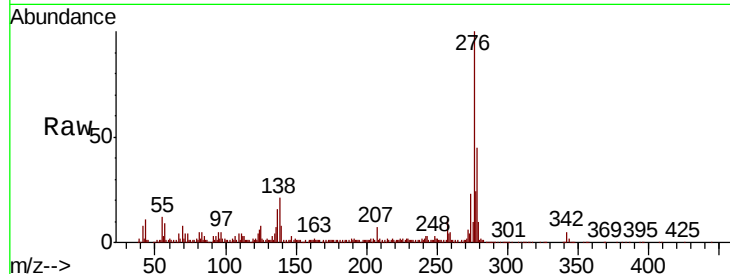




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 29.348 ng
 RT: 17.07 min Scan# 2547
 Delta R.T. 0.07 min
 Lab File: BF111759.D
 Acq: 27 Dec 2018 13:49

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS022-0612-01MS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.9	27.8	41.6#
277	24.9	20.1	30.1

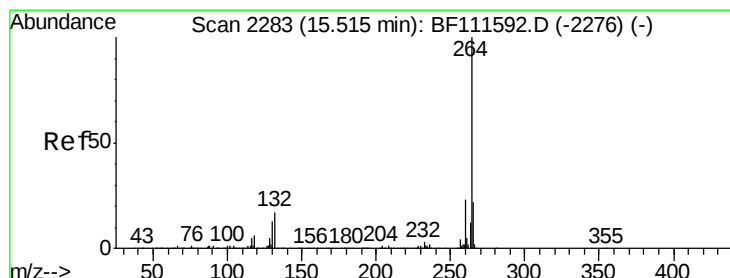
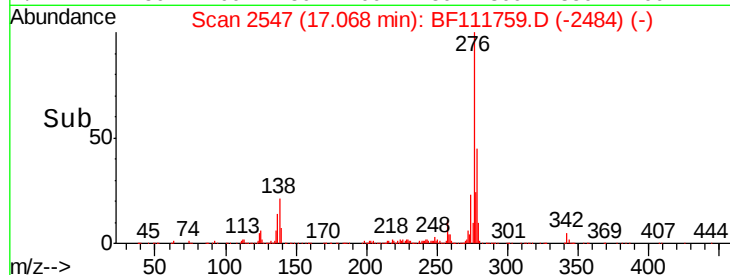
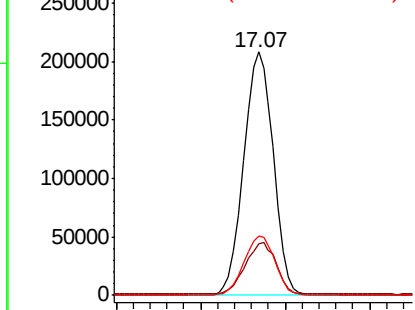


Abundance

Ion 276.00 (275.70 to 276.70): E

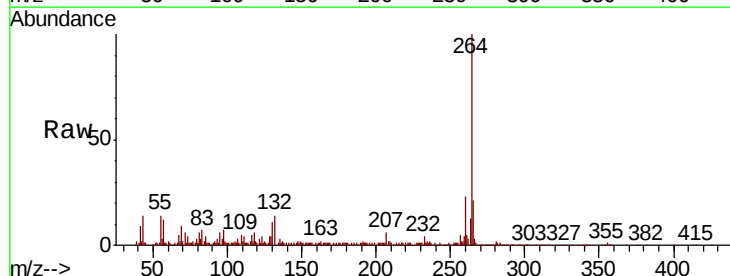
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.56 min Scan# 2291
 Delta R.T. 0.05 min
 Lab File: BF111759.D
 Acq: 27 Dec 2018 13:49

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.3	27.5
265	21.3	17.7	26.5

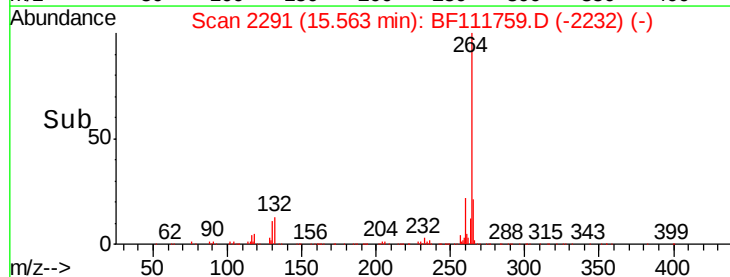
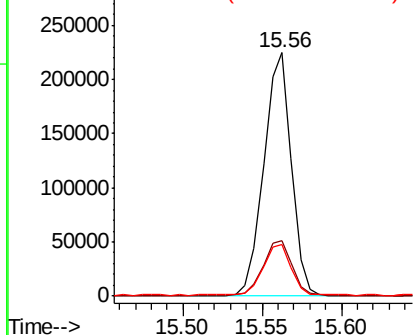


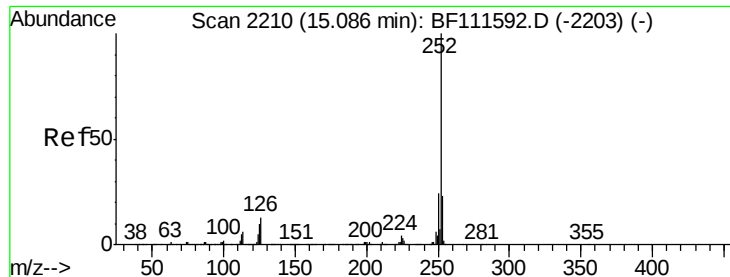
Abundance

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

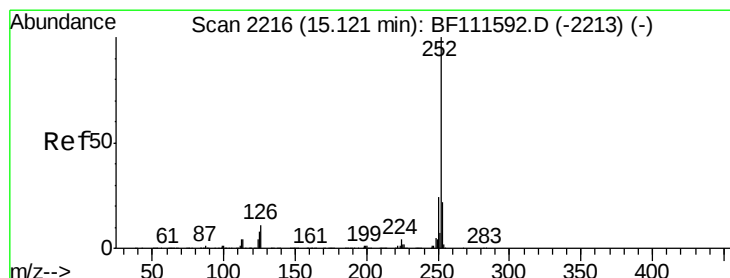
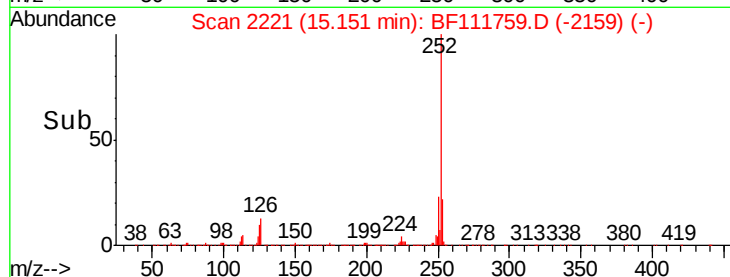
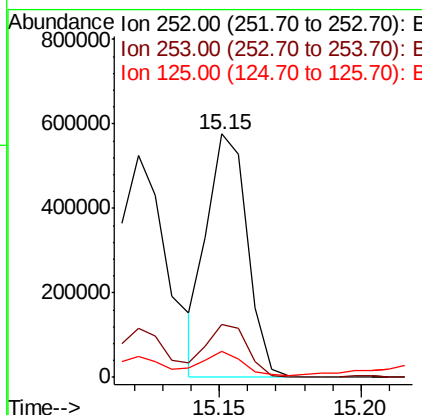
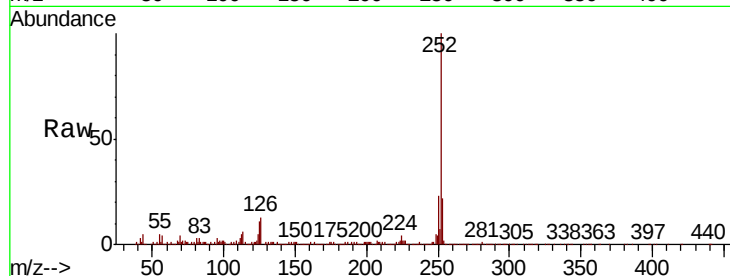




#88
Benzo(b)fluoranthene
Concen: 35.903 ng
RT: 15.15 min Scan# 2221
Delta R.T. 0.06 min
Lab File: BF111759.D
Acq: 27 Dec 2018 13:49

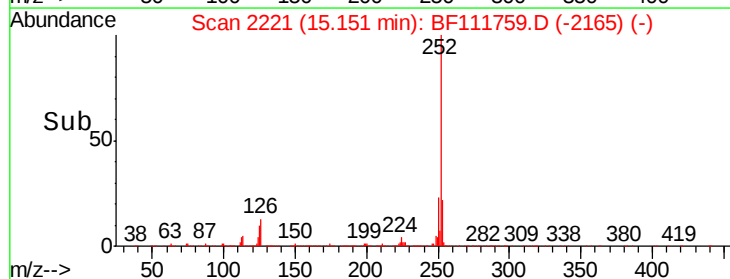
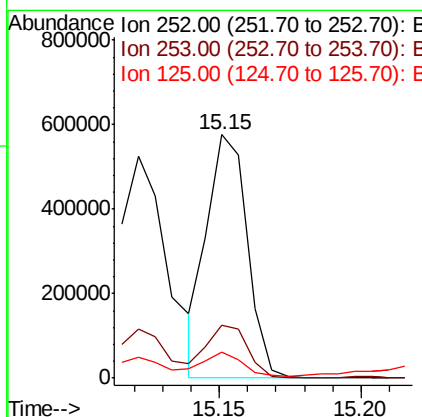
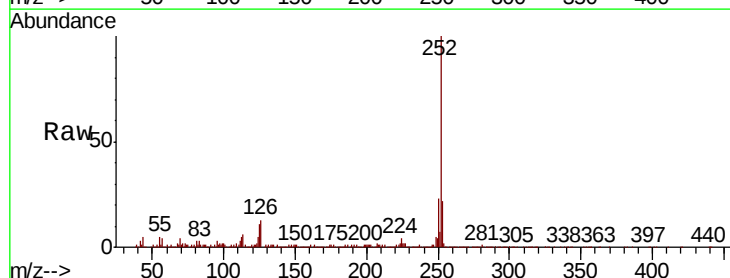
Instrument :
BNA_F
ClientSampleId :
P001-SS022-0612-01MS

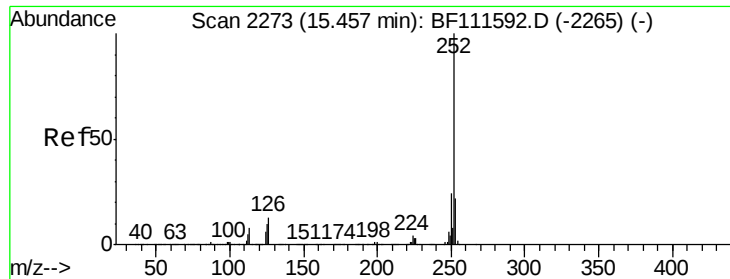
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.2
125	10.6	10.4	15.6



#89
Benzo(k)fluoranthene
Concen: 37.713 ng
RT: 15.15 min Scan# 2221
Delta R.T. 0.03 min
Lab File: BF111759.D
Acq: 27 Dec 2018 13:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	10.6	9.8	14.8





#90

Benzo(a)pyrene

Concen: 37.807 ng

RT: 15.50 min Scan# 2280

Delta R.T. 0.04 min

Lab File: BF111759.D

Acq: 27 Dec 2018 13:49

Instrument :

BNA_F

ClientSampleId :

P001-SS022-0612-01MS

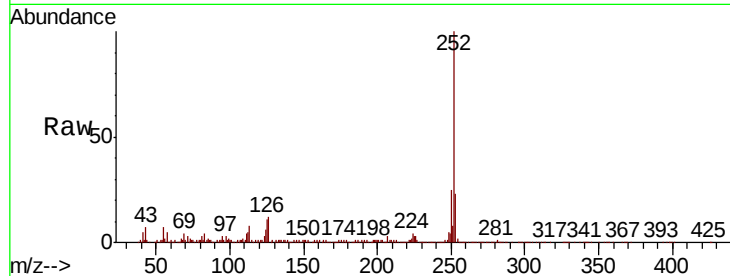
Tgt Ion: 252 Resp: 544809

Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.8

125 10.7 12.3 18.5#

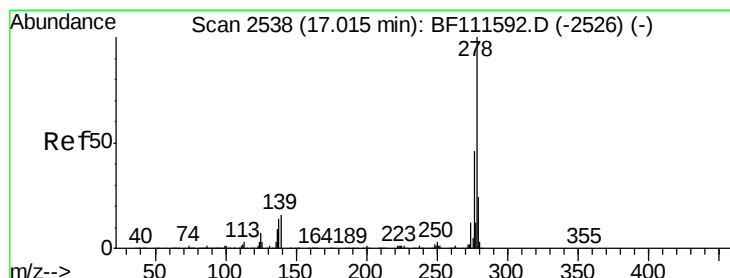
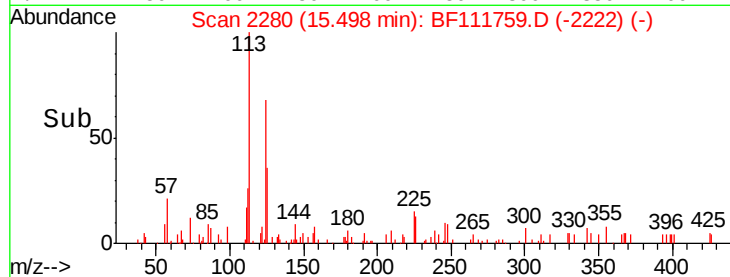
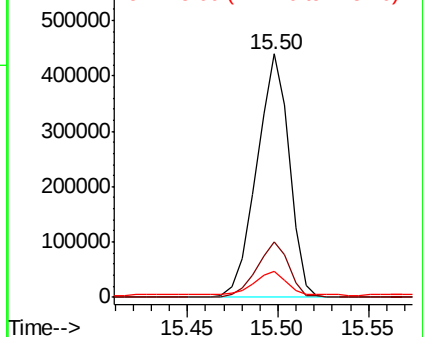


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 34.197 ng

RT: 17.09 min Scan# 2550

Delta R.T. 0.07 min

Lab File: BF111759.D

Acq: 27 Dec 2018 13:49

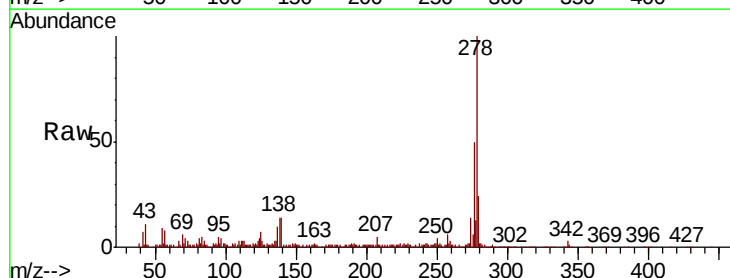
Tgt Ion: 278 Resp: 431513

Ion Ratio Lower Upper

278 100

139 14.2 18.2 27.4#

279 23.7 19.0 28.6

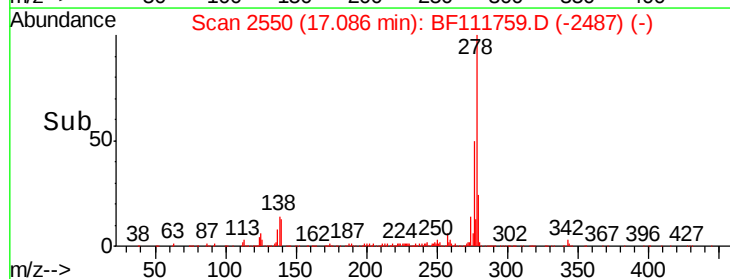
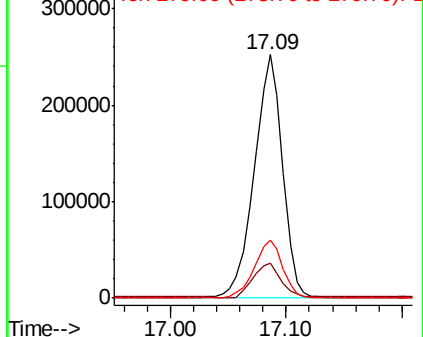


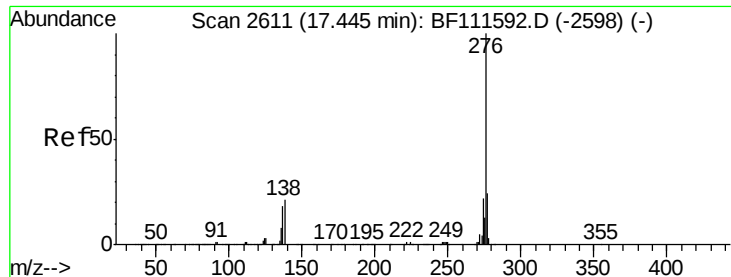
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(g,h,i)perylene

Concen: 32.728 ng

RT: 17.53 min Scan# 2625

Delta R.T. 0.08 min

Lab File: BF111759.D

Acq: 27 Dec 2018 13:49

Instrument :

BNA_F

ClientSampleId :

P001-SS022-0612-01MS

Tgt Ion: 276 Resp: 403269

Ion Ratio Lower Upper

276 100

277 23.4 19.2 28.8

138 18.0 24.9 37.3#

