

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122018\
 Data File : BF111663.D
 Acq On : 21 Dec 2018 2:32
 Operator : JU/SJ
 Sample : J6447-09MS 10X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS025-1218-01MS

Quant Time: Dec 21 06:24:10 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	193872	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	711638	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	297101	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	462323	20.00	ng	0.00
76) Chrysene-d12	14.04	240	472155	20.00	ng	0.00
87) Perylene-d12	15.52	264	341195	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.51	112	98179	8.63	ng	0.00
7) Phenol-d6	6.51	99	128766	8.90	ng	-0.01
23) Nitrobenzene-d5	7.45	82	72957	5.97	ng	-0.01
42) 2,4,6-Tribromophenol	10.72	330	24520	6.98	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	141116	6.92	ng	0.00
79) Terphenyl-d14	12.99	244	120299	4.83	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.70	88	12222	2.284	ng	# 86
3) Pyridine	3.47	79	28575	2.050	ng	96
4) n-Nitrosodimethylamine	3.38	42	20092	2.945	ng	# 81
8) 2-Chlorophenol	6.67	128	36371	2.887	ng	95
10) Phenol	6.52	94	55343	3.389	ng	98
11) bis(2-Chloroethyl)ether	6.62	93	33585	2.744	ng	99
12) 1,3-Dichlorobenzene	6.84	146	40243	2.756	ng	98
13) 1,4-Dichlorobenzene	6.91	146	40492	2.734	ng	99
14) 1,2-Dichlorobenzene	7.07	146	40150	2.906	ng	93
15) Benzyl Alcohol	7.02	79	31802	2.766	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.17	45	56639	2.513	ng	97
17) 2-Methylphenol	7.13	107	28907	2.865	ng	# 88
19) n-Nitroso-di-n-propylamine	7.29	70	25771	2.681	ng	94
20) 3+4-Methylphenols	7.29	107	40292	3.161	ng	# 78
22) Acetophenone	7.29	105	52082	2.889	ng	# 92
24) Nitrobenzene	7.46	77	38086	2.972	ng	95
25) Isophorone	7.70	82	64646	2.978	ng	98
26) 2-Nitrophenol	7.79	139	13202	2.540	ng	# 94
27) 2,4-Dimethylphenol	7.82	122	32500	3.172	ng	95
28) bis(2-Chloroethoxy)methane	7.92	93	40650	2.815	ng	97
29) 2,4-Dichlorophenol	8.03	162	28607	2.596	ng	95
30) 1,2,4-Trichlorobenzene	8.12	180	33241	2.707	ng	96
31) Naphthalene	8.20	128	104973	3.070	ng	95
34) Hexachlorobutadiene	8.32	225	19339	2.584	ng	97
36) 4-Chloro-3-methylphenol	8.71	107	27844	2.571	ng	96
37) 2-Methylnaphthalene	8.89	142	66366	2.983	ng	97
38) 1-Methylnaphthalene	8.99	142	60925	2.852	ng	96
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	31323	3.208	ng	# 97
43) 2,4,6-Trichlorophenol	9.16	196	18202	2.793	ng	96
44) 2,4,5-Trichlorophenol	9.20	196	18325	2.740	ng	91
46) 1,1'-Biphenyl	9.35	154	82115	3.274	ng	94
47) 2-Chloronaphthalene	9.37	162	60408	3.040	ng	93
48) 2-Nitroaniline	9.46	65	16654	3.222	ng	# 86
49) Acenaphthylene	9.79	152	89263	3.077	ng	93

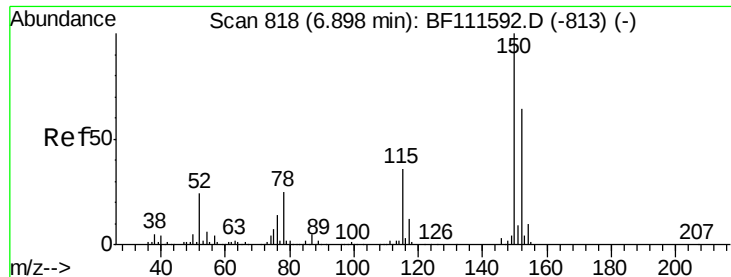
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122018\
 Data File : BF111663.D
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 QLast Update : Wed Dec 19 17:39:39 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
50) Dimethylphthalate	9.64	163	76927	3.541	ng	98
51) 2,6-Dinitrotoluene	9.70	165	10746	2.481	ng	87
52) Acenaphthene	9.96	154	52271	2.921	ng	99
53) 3-Nitroaniline	9.87	138	9282	2.009	ng	84
54) 2,4-Dinitrophenol	9.97	184	273	7.486	ng	# 1
55) Dibenzofuran	10.13	168	77974	2.884	ng	94
56) 4-Nitrophenol	10.02	139	14772	4.190	ng	84
57) 2,4-Dinitrotoluene	10.10	165	10948	2.103	ng	# 84
58) Fluorene	10.47	166	58681	3.012	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	13786	2.450	ng	# 90
60) Diethylphthalate	10.35	149	62981	2.955	ng	98
61) 4-Chlorophenyl-phenylether	10.47	204	29438	2.735	ng	90
62) 4-Nitroaniline	10.47	138	11233	2.501	ng	91
63) Azobenzene	10.63	77	52521	2.455	ng	95
65) 4,6-Dinitro-2-methylphenol	10.51	198	353	6.852	ng	# 66
66) n-Nitrosodiphenylamine	10.58	169	49072	3.162	ng	96
67) 4-Bromophenyl-phenylether	10.96	248	17311	3.019	ng	91
68) Hexachlorobenzene	11.03	284	18016	2.818	ng	96
69) Atrazine	11.10	200	16630	3.085	ng	94
70) Pentachlorophenol	11.22	266	15862	4.013	ng	97
71) Phenanthrene	11.44	178	77619	3.166	ng	93
72) Anthracene	11.49	178	75478	3.067	ng	95
73) Carbazole	11.63	167	66233	2.772	ng	# 94
74) Di-n-butylphthalate	11.97	149	76442	2.853	ng	96
75) Fluoranthene	12.62	202	77677	3.129	ng	94
78) Pyrene	12.85	202	82480	2.474	ng	95
80) Butylbenzylphthalate	13.47	149	33256	2.447	ng	91
81) Benzo(a)anthracene	14.04	228	80608	2.991	ng	99
83) Chrysene	14.07	228	77275	2.918	ng	93
84) Bis(2-ethylhexyl)phthalate	14.03	149	46990	2.745	ng	# 97
85) Di-n-octyl phthalate	14.64	149	80055	3.018	ng	# 96
86) Indeno(1,2,3-cd)pyrene	16.99	276	48717	2.164	ng	# 89
88) Benzo(b)fluoranthene	15.09	252	61319	3.075	ng	# 97
89) Benzo(k)fluoranthene	15.09	252	61319	3.230	ng	98
90) Benzo(a)pyrene	15.46	252	54641	3.016	ng	# 96
91) Dibenzo(a,h)anthracene	17.02	278	40198	2.534	ng	92
92) Benzo(g,h,i)perylene	17.44	276	38471	2.483	ng	# 89

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

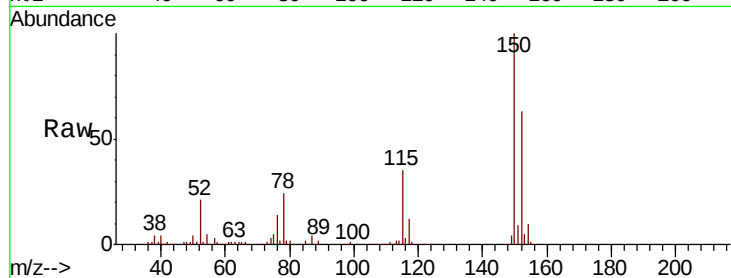


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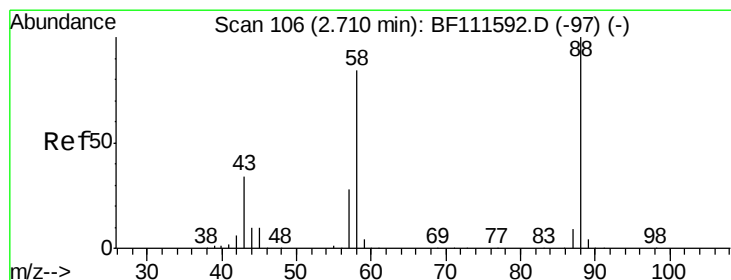
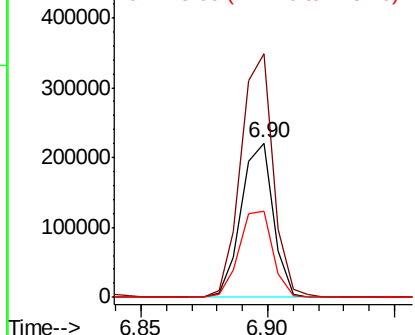
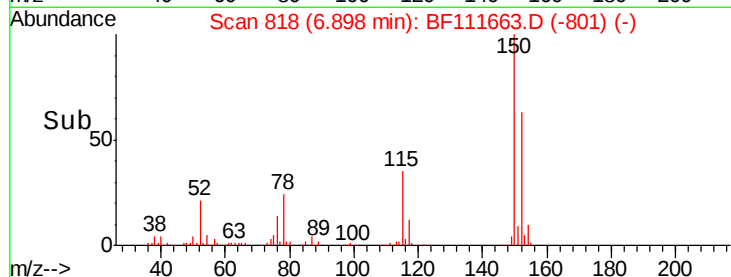
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF111663.D
Acq: 21 Dec 2018 2:32

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MS

Tgt Ion:152 Resp: 193872
Ion Ratio Lower Upper
152 100
150 157.5 126.6 189.8
115 55.7 50.7 76.1



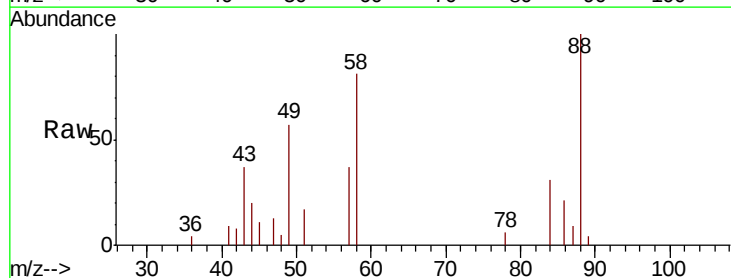
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



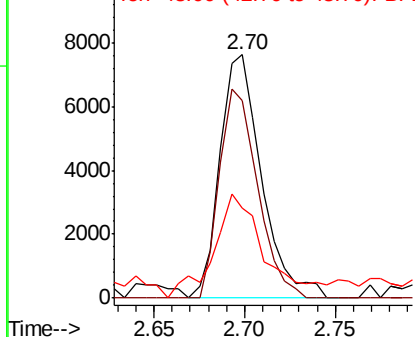
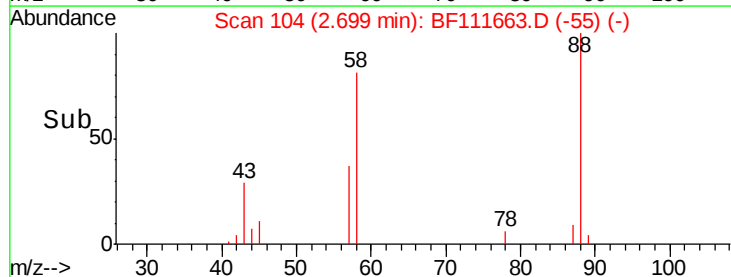
#2

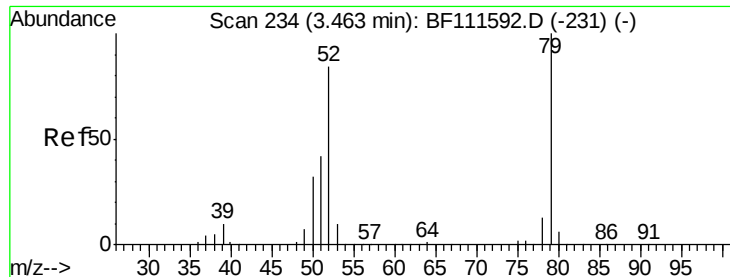
1,4-Dioxane
Concen: 2.284 ng
RT: 2.70 min Scan# 104
Delta R.T. -0.01 min
Lab File: BF111663.D
Acq: 21 Dec 2018 2:32

Tgt Ion: 88 Resp: 12222
Ion Ratio Lower Upper
88 100
58 78.9 68.9 103.3
43 50.0 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: 2.050 ng

RT: 3.47 min Scan# 236

Delta R.T. 0.01 min

Lab File: BF111663.D

Acq: 21 Dec 2018 2:32

Instrument :

BNA_F

ClientSampleId :

P001-SS025-1218-01MS

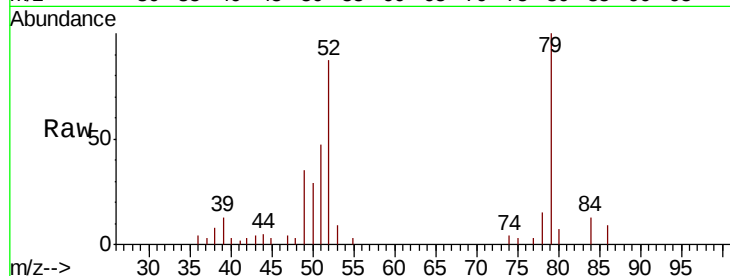
Tgt Ion: 79 Resp: 28575

Ion Ratio Lower Upper

79 100

52 86.9 68.3 102.5

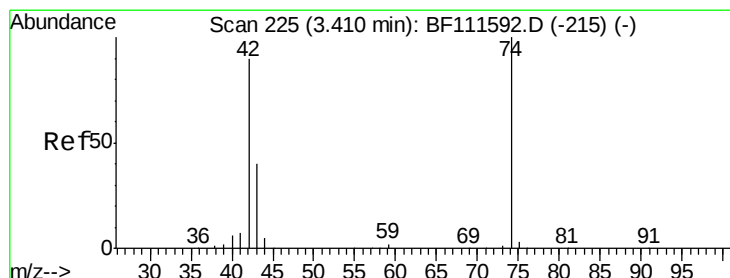
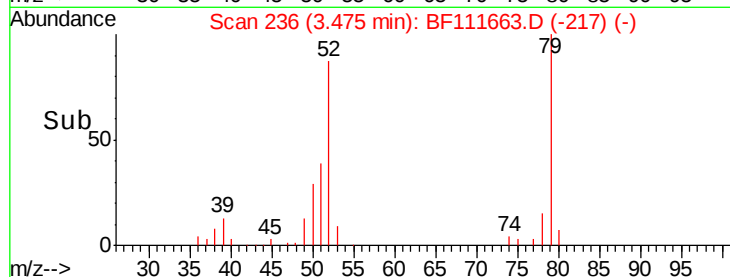
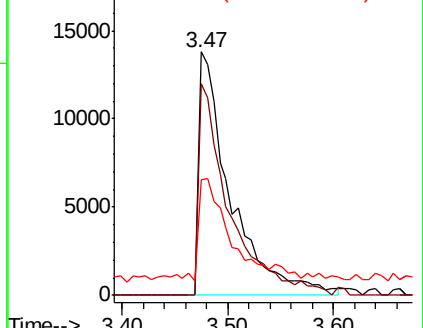
51 47.2 32.6 49.0



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 2.945 ng

RT: 3.38 min Scan# 220

Delta R.T. -0.03 min

Lab File: BF111663.D

Acq: 21 Dec 2018 2:32

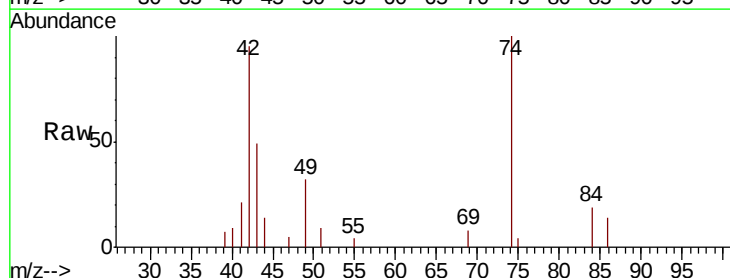
Tgt Ion: 42 Resp: 20092

Ion Ratio Lower Upper

42 100

74 104.9 101.5 152.3

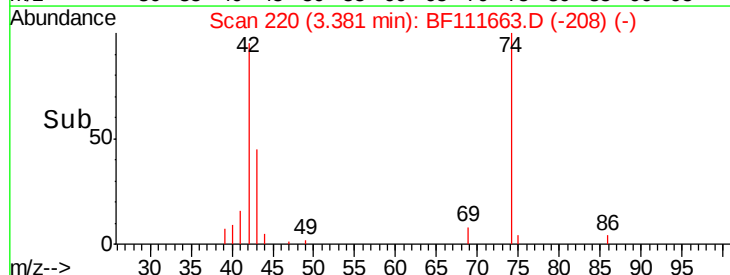
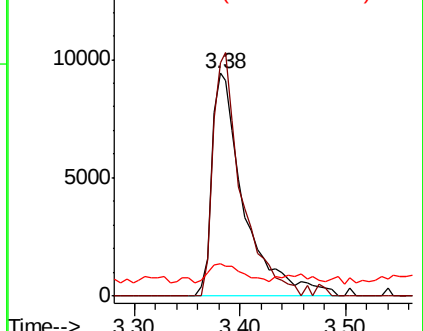
44 14.4 6.0 9.0#

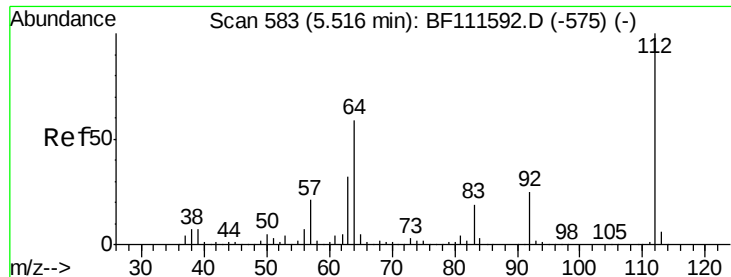


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 8.632 ng

RT: 5.51 min Scan# 582

Delta R.T. -0.01 min

Lab File: BF111663.D

Acq: 21 Dec 2018 2:32

Instrument :

BNA_F

ClientSampleId :

P001-SS025-1218-01MS

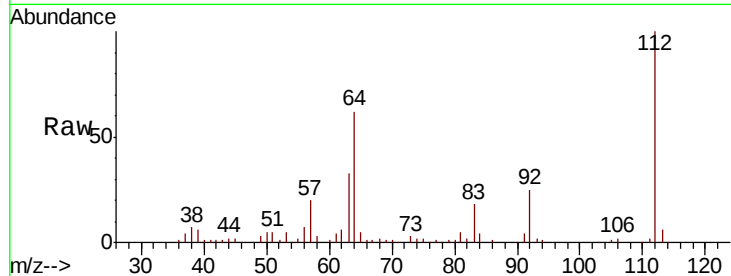
Tgt Ion: 112 Resp: 98179

Ion Ratio Lower Upper

112 100

64 61.5 51.8 77.6

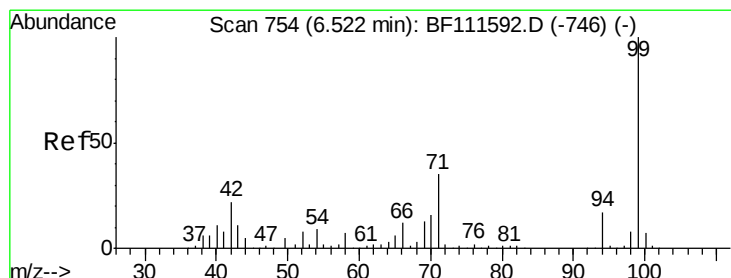
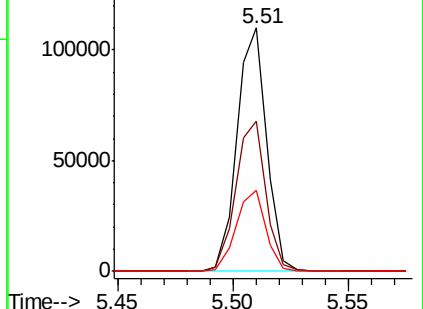
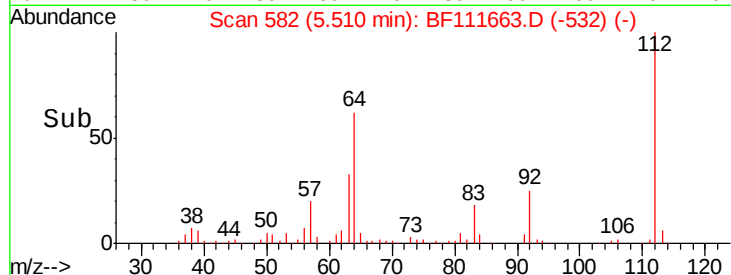
63 33.4 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): BF111663.D (-532) (-)

Ion 64.00 (63.70 to 64.70): BF111663.D (-532) (-)

Ion 63.00 (62.70 to 63.70): BF111663.D (-532) (-)



#7

Phenol-d6

Concen: 8.896 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF111663.D

Acq: 21 Dec 2018 2:32

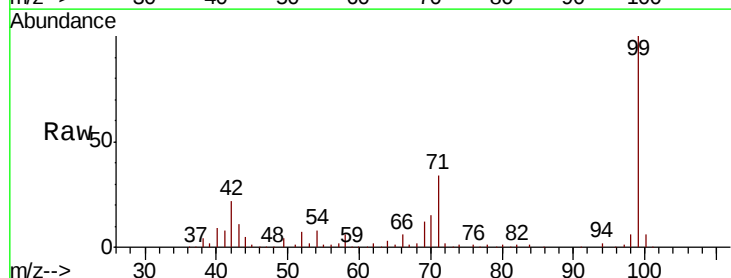
Tgt Ion: 99 Resp: 128766

Ion Ratio Lower Upper

99 100

42 21.5 17.4 26.0

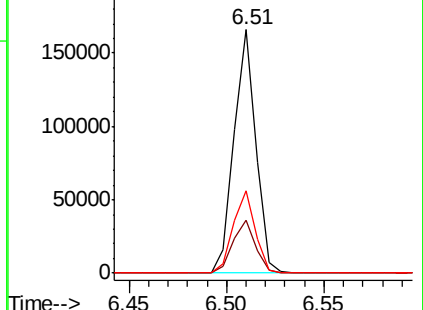
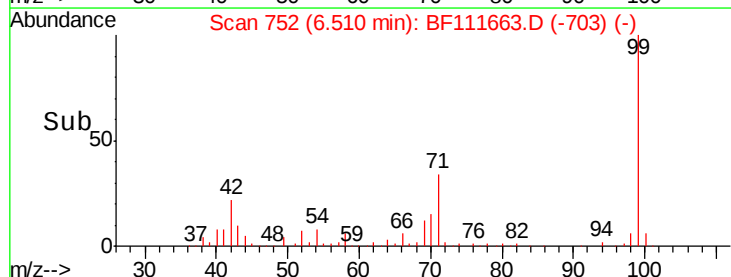
71 34.0 26.1 39.1

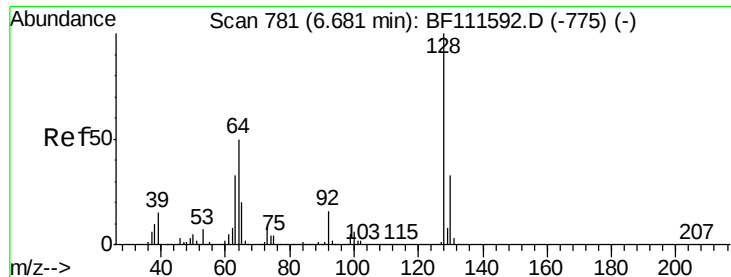


Abundance Ion 99.00 (98.70 to 99.70): BF111663.D (-703) (-)

Ion 42.00 (41.70 to 42.70): BF111663.D (-703) (-)

Ion 71.00 (70.70 to 71.70): BF111663.D (-703) (-)





#8

2-Chlorophenol

Concen: 2.887 ng

RT: 6.67 min Scan# 780

Delta R.T. -0.01 min

Lab File: BF111663.D

Acq: 21 Dec 2018 2:32

Instrument :

BNA_F

ClientSampleId :

P001-SS025-1218-01MS

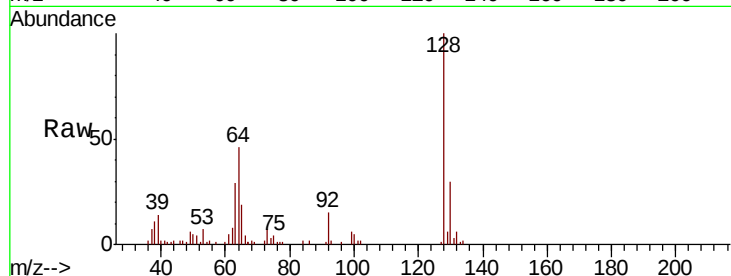
Tgt Ion: 128 Resp: 36371

Ion Ratio Lower Upper

128 100

130 29.9 12.7 52.7

64 46.5 30.0 70.0

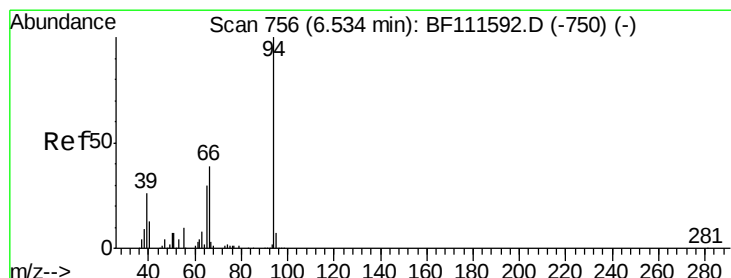
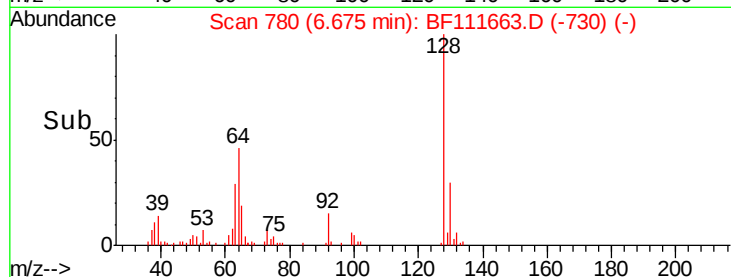
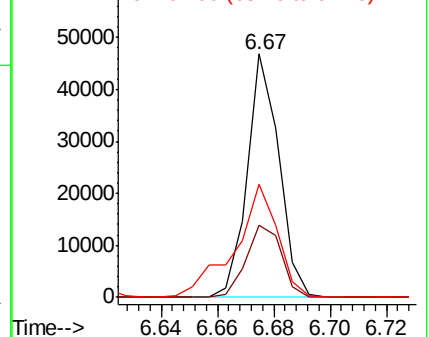


Abundance

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



#10

Phenol

Concen: 3.389 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF111663.D

Acq: 21 Dec 2018 2:32

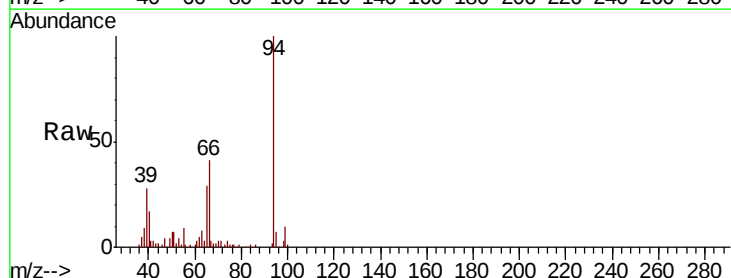
Tgt Ion: 94 Resp: 55343

Ion Ratio Lower Upper

94 100

65 29.4 11.7 51.7

66 40.6 21.0 61.0

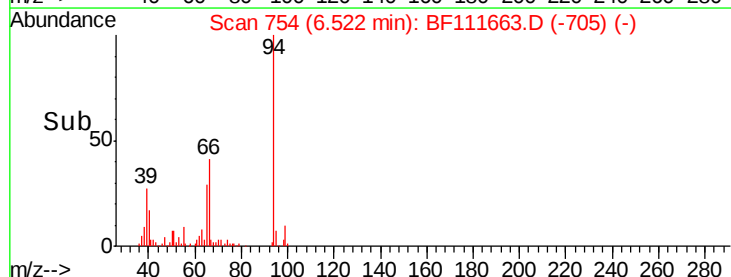
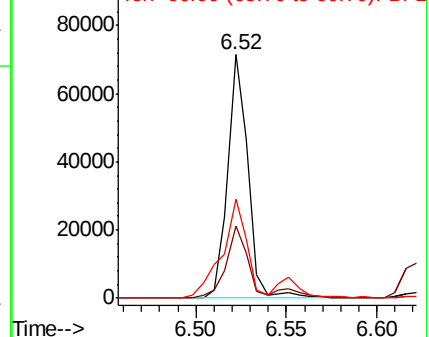


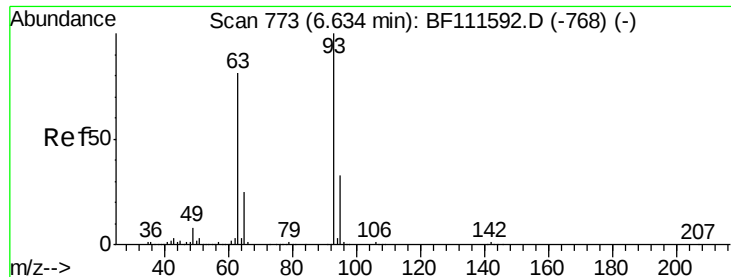
Abundance

Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

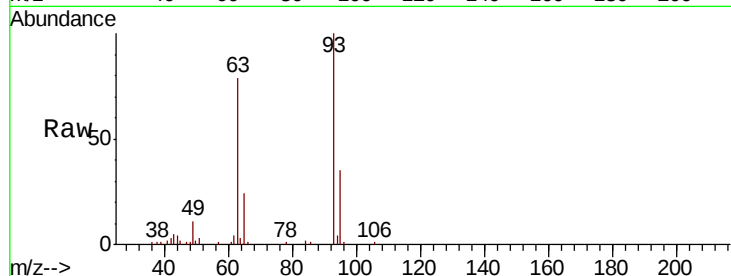




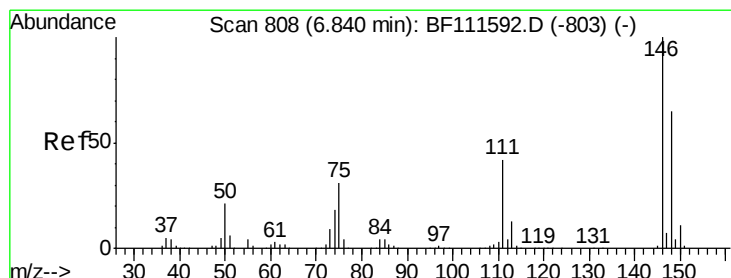
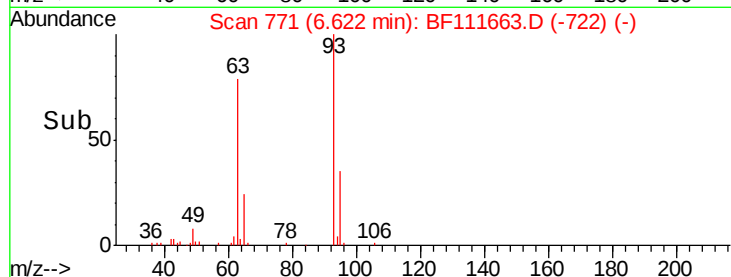
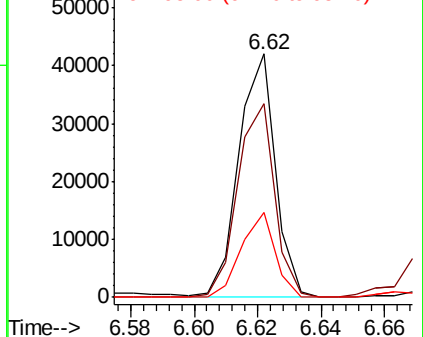
#11
bis(2-Chloroethyl)ether
Concen: 2.744 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF111663.D
Acq: 21 Dec 2018 2:32

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MS

Tgt Ion: 93 Resp: 33585
Ion Ratio Lower Upper
93 100
63 79.5 60.0 100.0
95 34.7 13.4 53.4

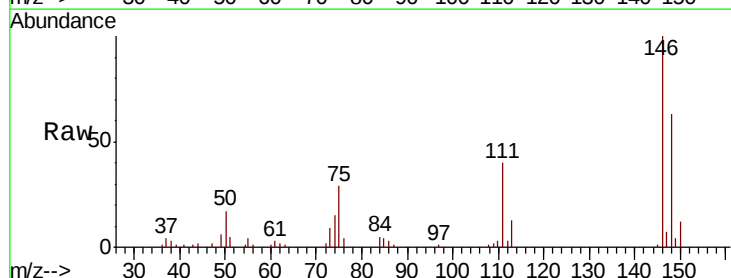


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

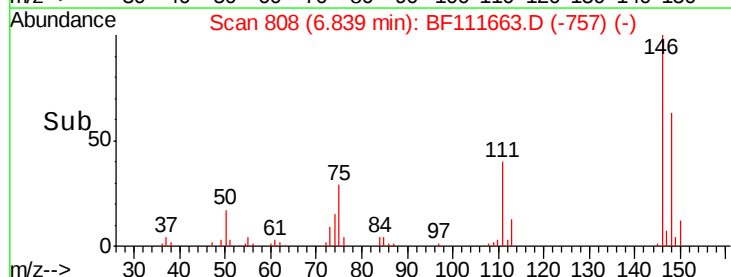
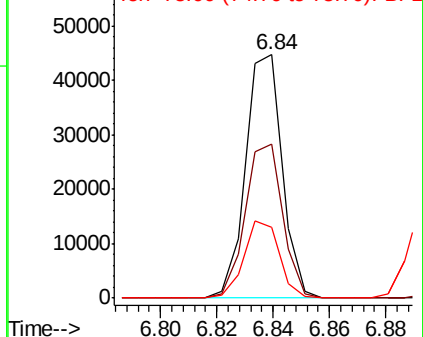


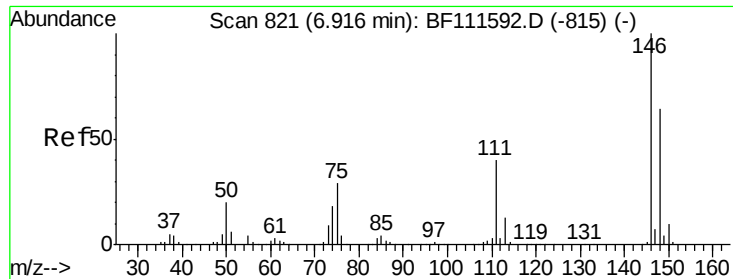
#12
1,3-Dichlorobenzene
Concen: 2.756 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF111663.D
Acq: 21 Dec 2018 2:32

Tgt Ion: 146 Resp: 40243
Ion Ratio Lower Upper
146 100
148 63.3 52.1 78.1
75 29.1 23.9 35.9



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

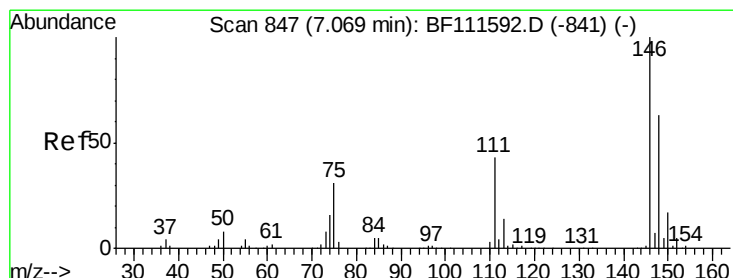
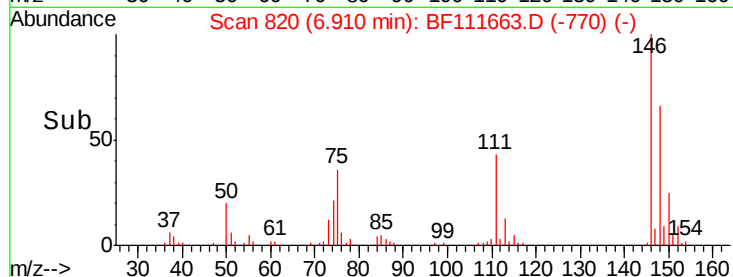
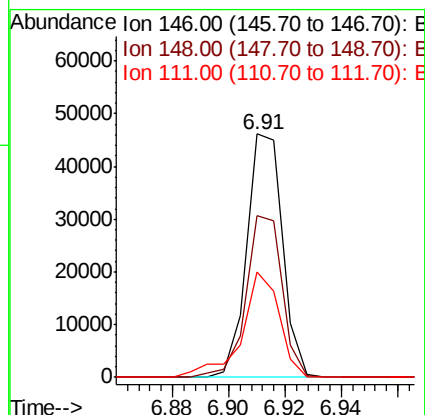
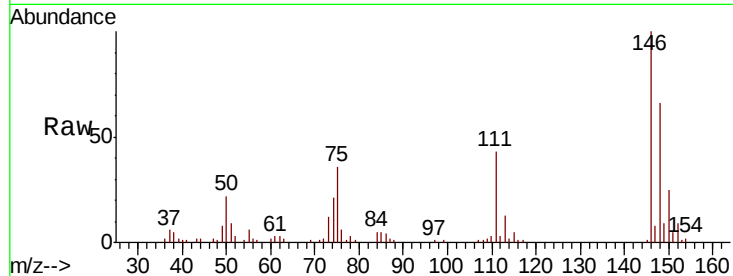




#13
 1,4-Dichlorobenzene
 Concen: 2.734 ng
 RT: 6.91 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF111663.D
 Acq: 21 Dec 2018 2:32

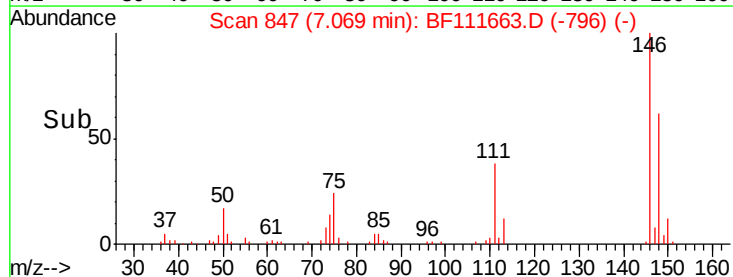
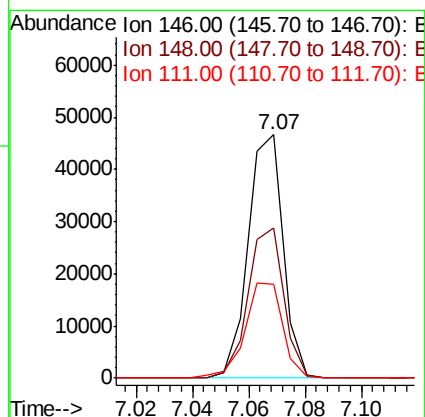
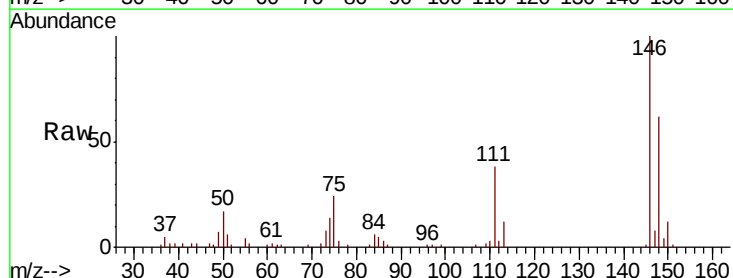
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS025-1218-01MS

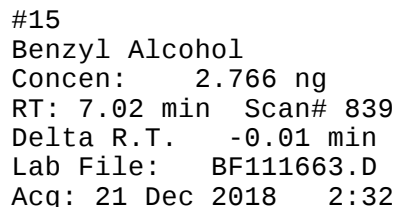
Tgt Ion:146 Resp: 40492
 Ion Ratio Lower Upper
 146 100
 148 66.3 52.8 79.2
 111 43.0 33.4 50.0



#14
 1,2-Dichlorobenzene
 Concen: 2.906 ng
 RT: 7.07 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: BF111663.D
 Acq: 21 Dec 2018 2:32

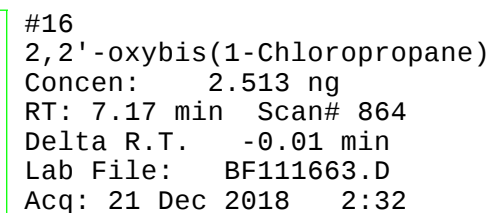
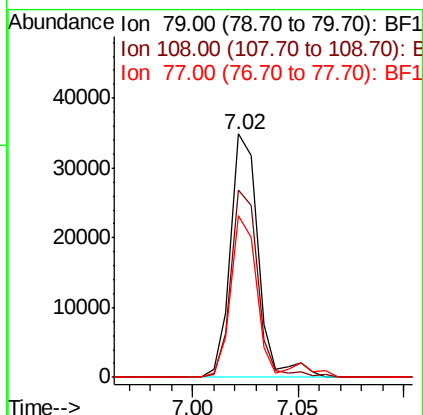
Tgt Ion:146 Resp: 40150
 Ion Ratio Lower Upper
 146 100
 148 61.5 51.9 77.9
 111 38.5 36.2 54.4



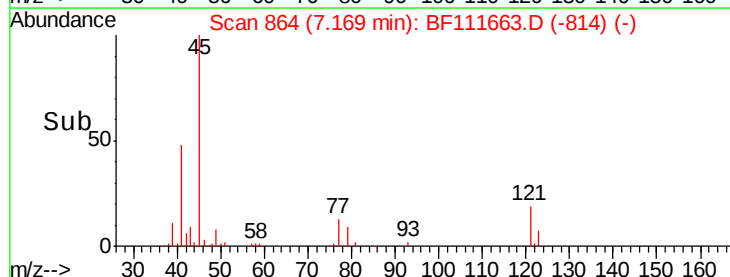
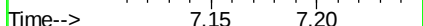
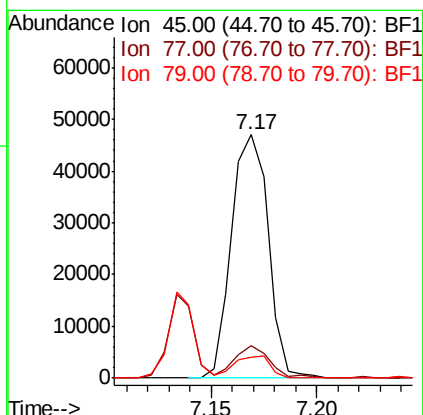


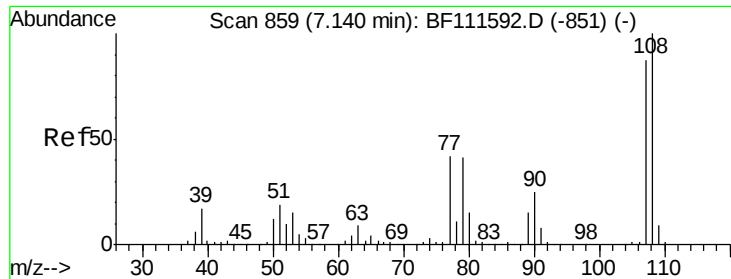
Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MS

Tgt	Ion: 79	Resp:	31802
Ion	Ratio	Lower	Upper
79	100		
108	76.9	69.4	104.2
77	66.3	49.7	74.5



Tgt	Ion: 45	Resp:	56639
Ion	Ratio	Lower	Upper
45	100		
77	13.5	0.0	31.5
79	8.8	0.0	28.9

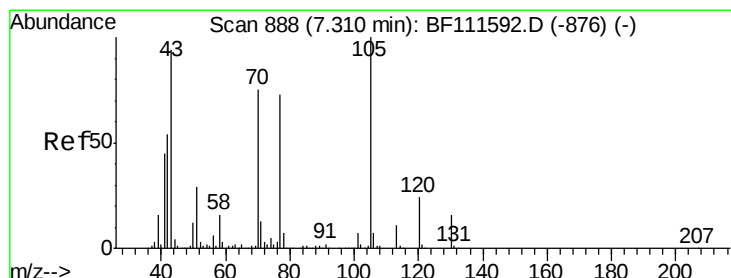
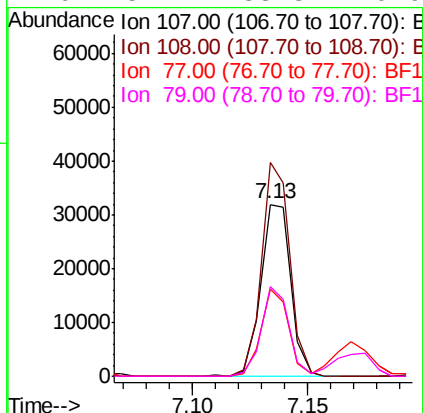
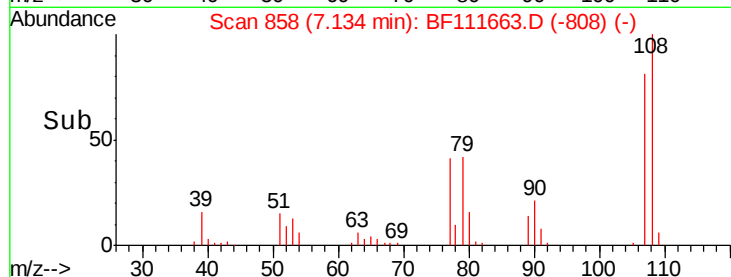
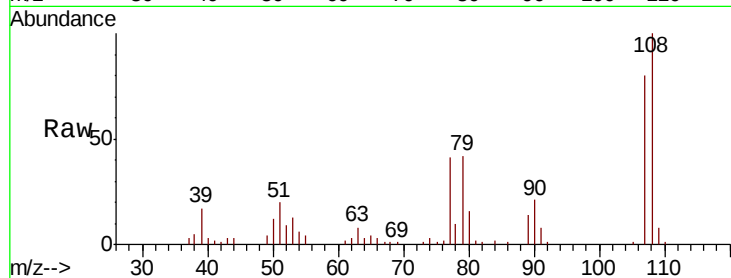




#17
2-Methylphenol
Concen: 2.865 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF111663.D
Acq: 21 Dec 2018 2:32

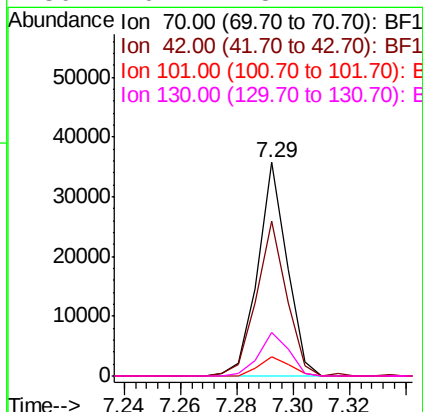
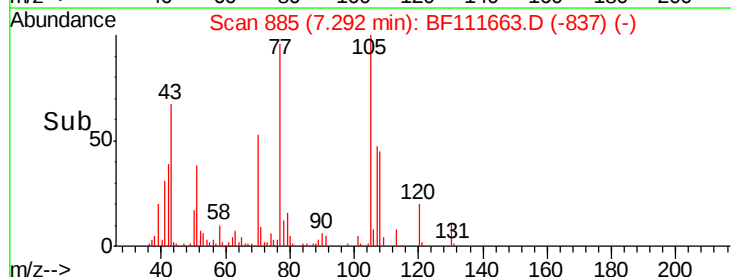
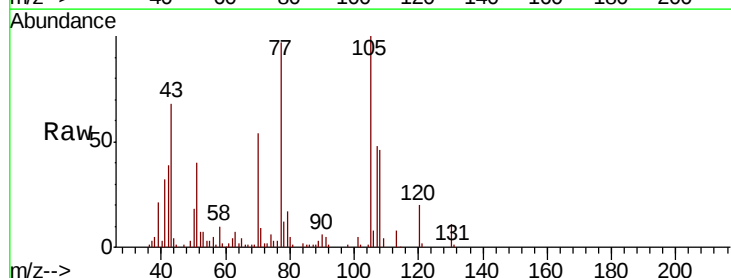
Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MS

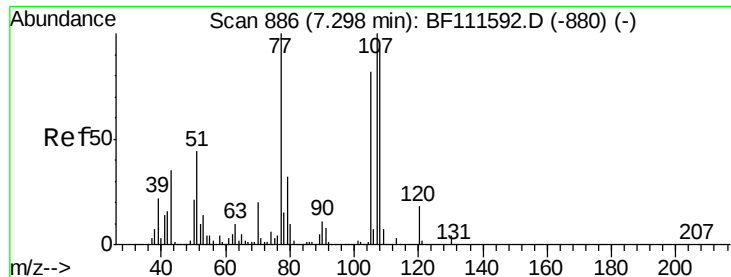
Tgt Ion	Ratio	Lower	Upper
107	100		
108	124.5	91.0	136.4
77	51.0	33.5	50.3
79	52.1	33.3	49.9



#19
n-Nitroso-di-n-propylamine
Concen: 2.681 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.02 min
Lab File: BF111663.D
Acq: 21 Dec 2018 2:32

Tgt Ion	Ratio	Lower	Upper
70	100		
42	72.4	53.2	79.8
101	8.9	8.2	12.4
130	20.4	18.1	27.1

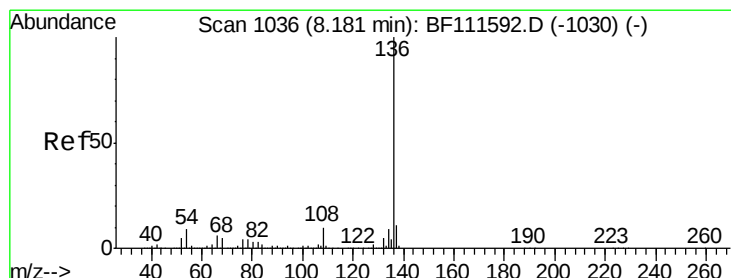
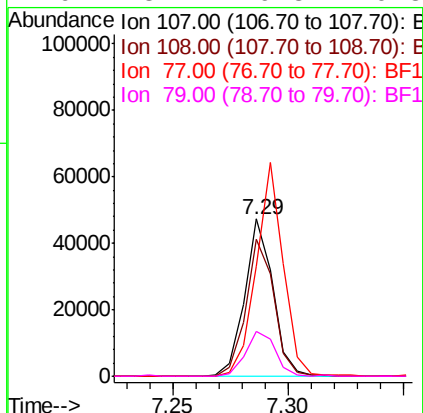
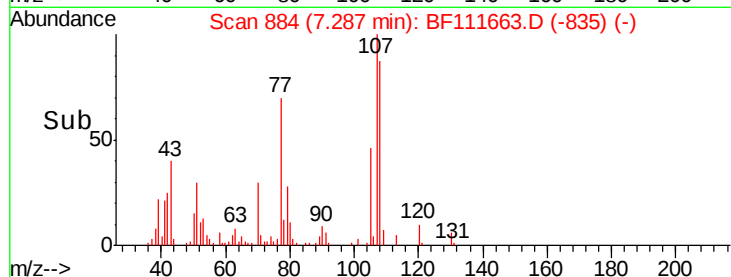
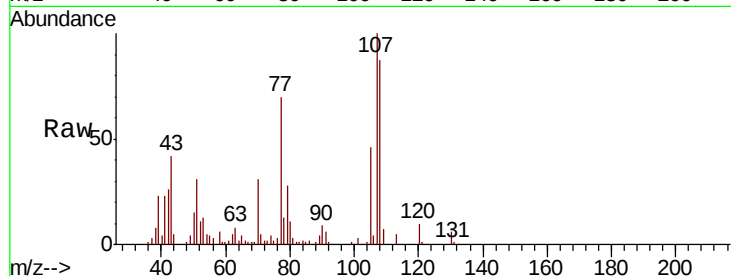




#20
3+4-Methylphenols
Concen: 3.161 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF111663.D
Acq: 21 Dec 2018 2:32

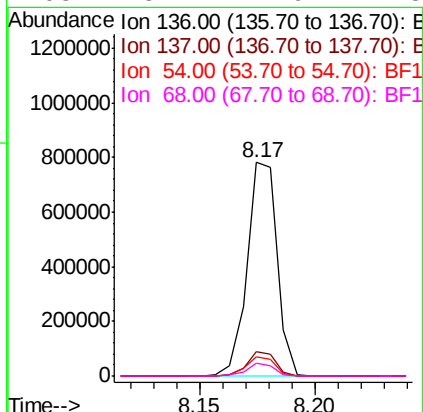
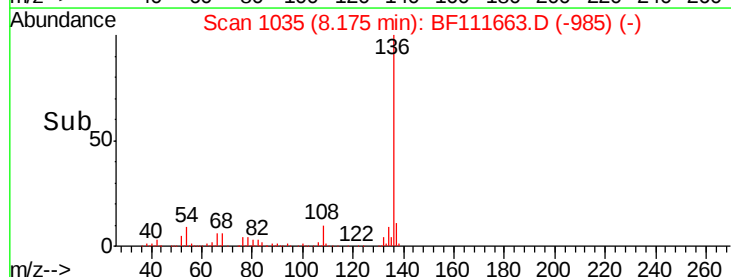
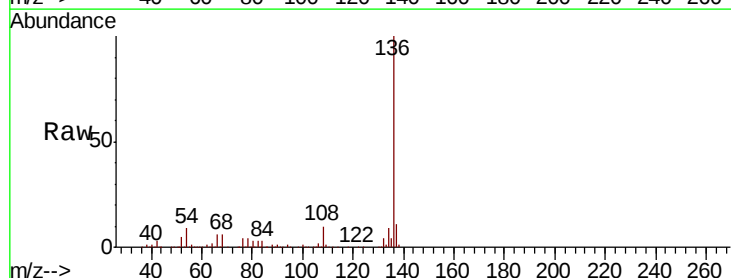
Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MS

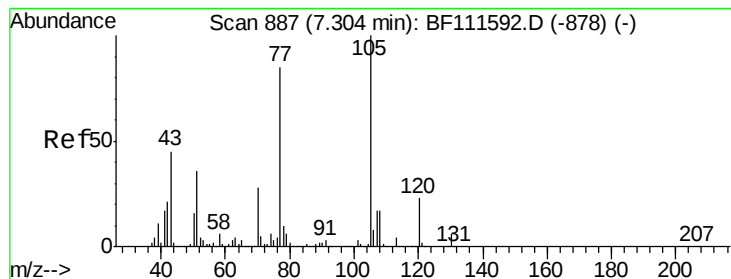
Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.0	72.1	112.1
77	69.9	94.1	134.1#
79	28.2	9.8	49.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF111663.D
Acq: 21 Dec 2018 2:32

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	9.2	7.7	11.5
68	5.7	4.9	7.3





#22

Acetophenone

Concen: 2.889 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF111663.D

Acq: 21 Dec 2018 2:32

Instrument :

BNA_F

ClientSampleId :

P001-SS025-1218-01MS

Tgt Ion: 105 Resp: 52082

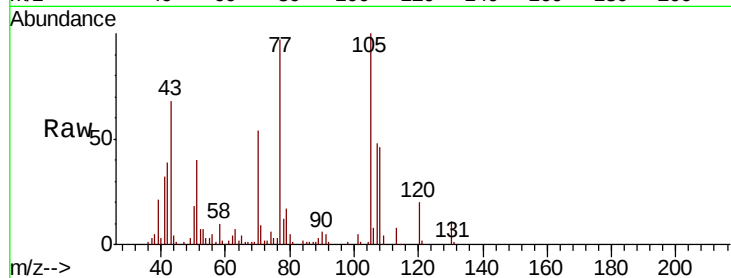
Ion Ratio Lower Upper

105 100

71 8.8 3.1 4.7#

51 39.6 36.6 54.8

120 20.3 18.2 27.4

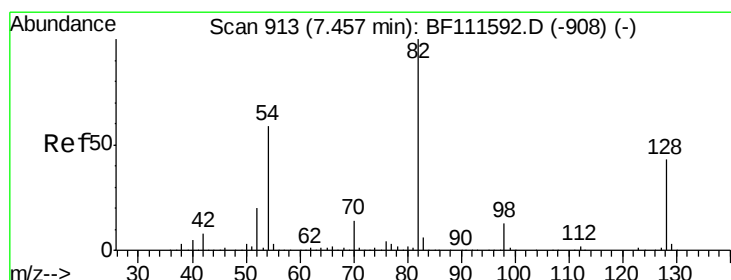
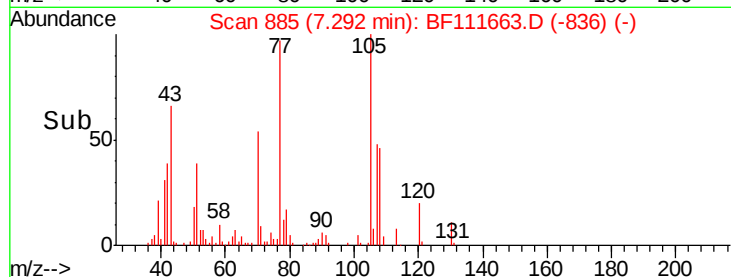
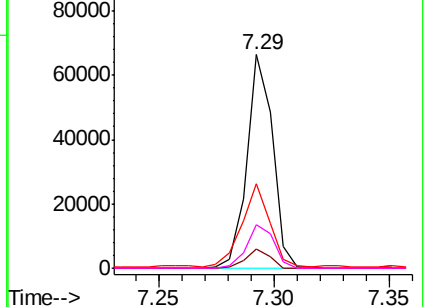


Abundance Ion 105.00 (104.70 to 105.70): E

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: 5.967 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF111663.D

Acq: 21 Dec 2018 2:32

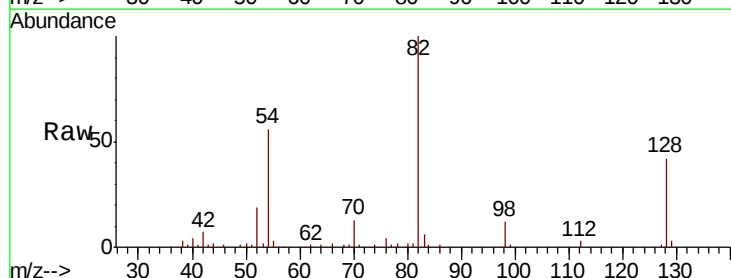
Tgt Ion: 82 Resp: 72957

Ion Ratio Lower Upper

82 100

128 41.5 37.4 56.2

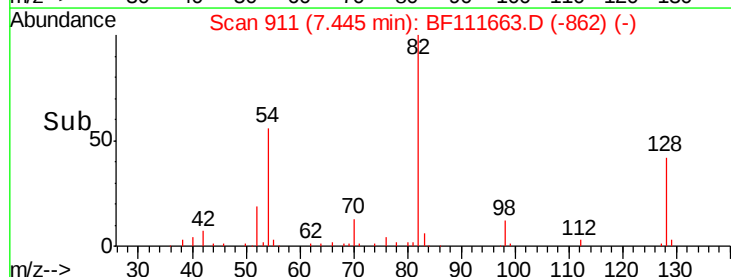
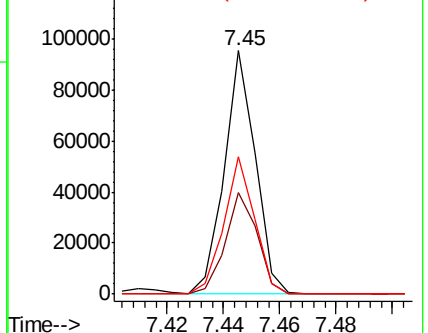
54 56.2 47.6 71.4

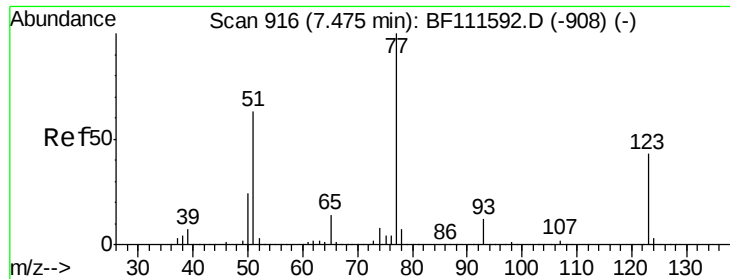


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

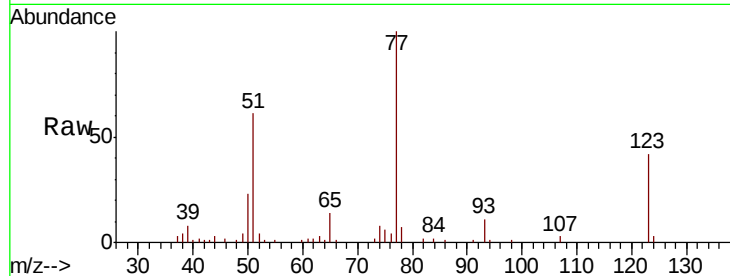




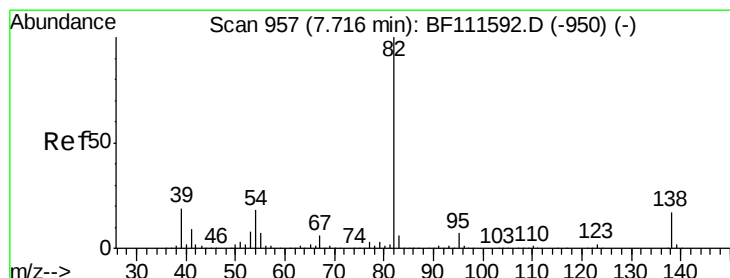
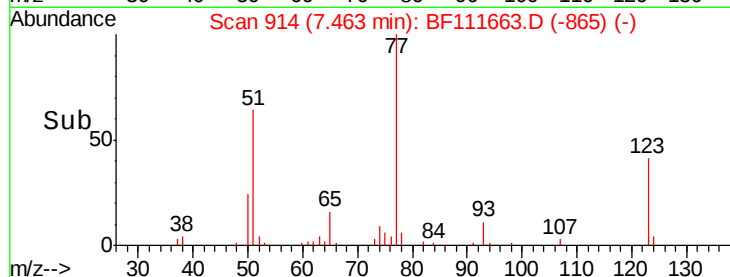
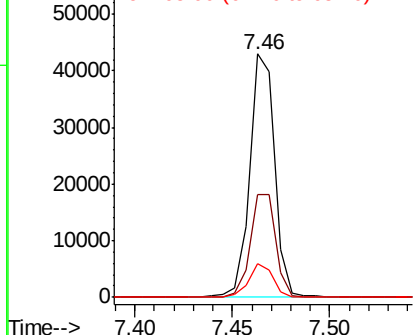
#24
Nitrobenzene
Concen: 2.972 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF111663.D
Acq: 21 Dec 2018 2:32

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MS

Tgt Ion: 77 Resp: 38086
Ion Ratio Lower Upper
77 100
123 42.1 37.2 55.8
65 14.0 11.5 17.3

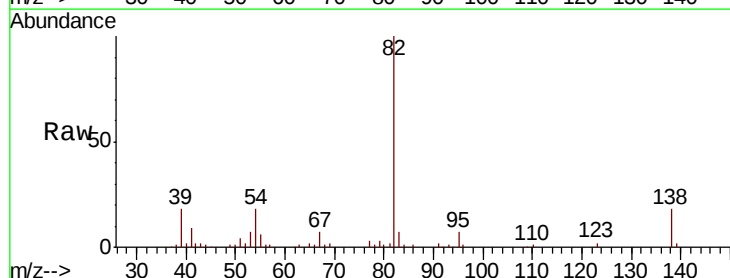


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

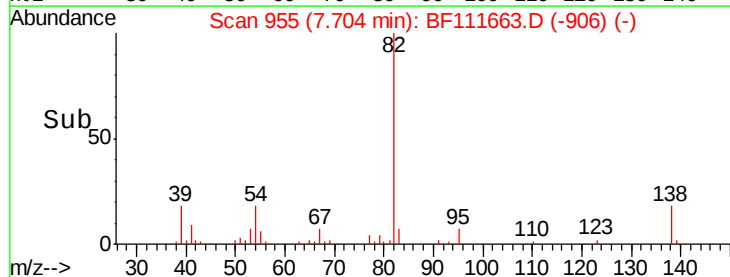
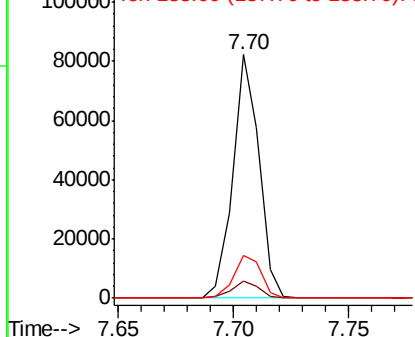


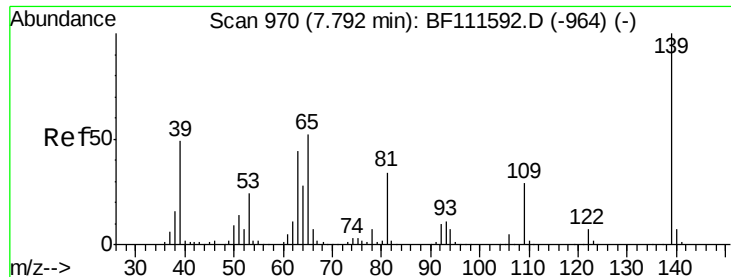
#25
Isophorone
Concen: 2.978 ng
RT: 7.70 min Scan# 955
Delta R.T. -0.01 min
Lab File: BF111663.D
Acq: 21 Dec 2018 2:32

Tgt Ion: 82 Resp: 64646
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.2
138 17.6 15.1 22.7



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

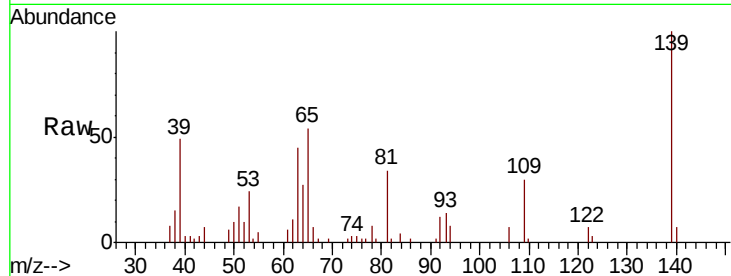




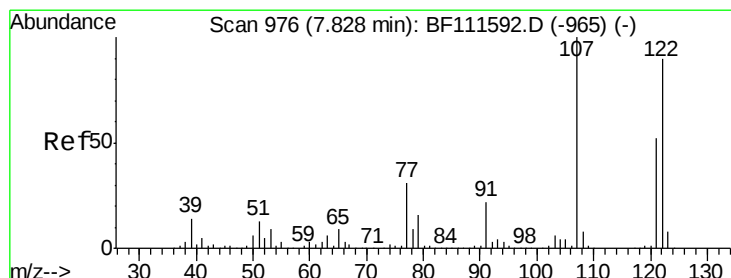
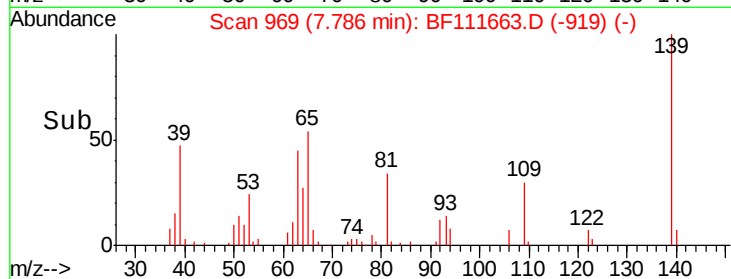
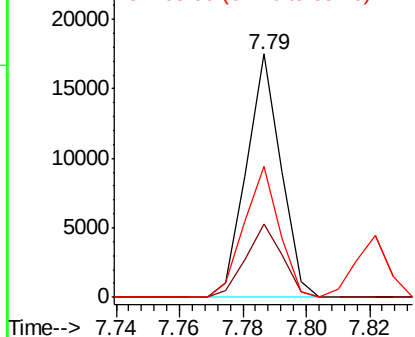
#26
 2-Nitrophenol
 Concen: 2.540 ng
 RT: 7.79 min Scan# 969
 Delta R.T. -0.01 min
 Lab File: BF111663.D
 Acq: 21 Dec 2018 2:32

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS025-1218-01MS

Tgt Ion:139 Resp: 13202
 Ion Ratio Lower Upper
 139 100
 109 30.4 20.2 30.4#
 65 53.6 40.7 61.1

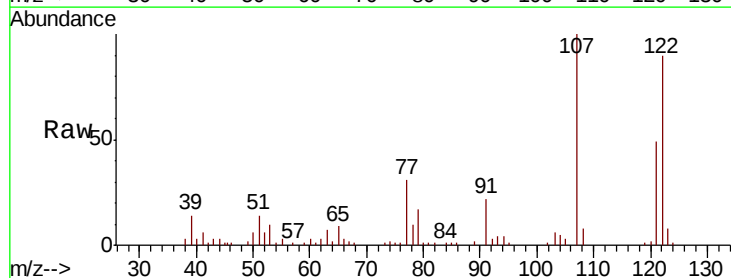


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): BF1

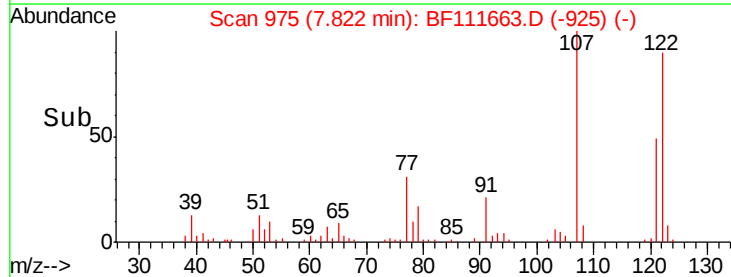
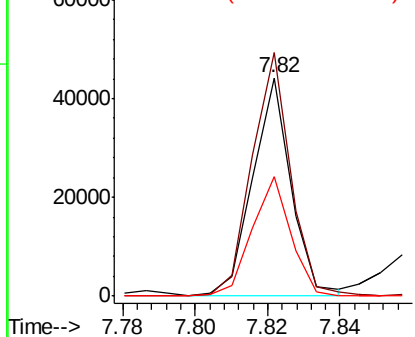


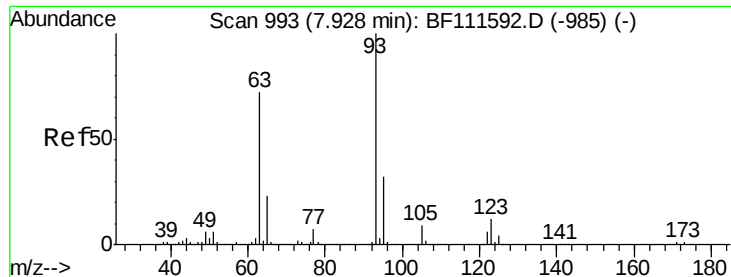
#27
 2,4-Dimethylphenol
 Concen: 3.172 ng
 RT: 7.82 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: BF111663.D
 Acq: 21 Dec 2018 2:32

Tgt Ion:122 Resp: 32500
 Ion Ratio Lower Upper
 122 100
 107 111.3 85.5 128.3
 121 54.4 46.6 70.0



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

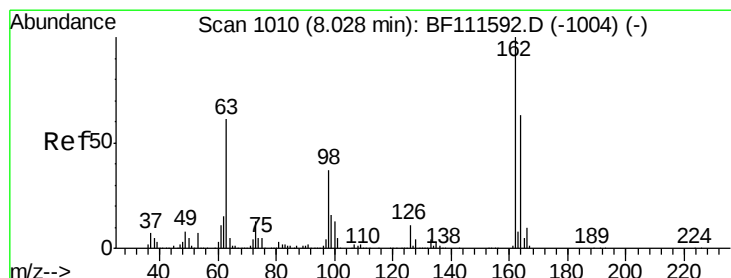
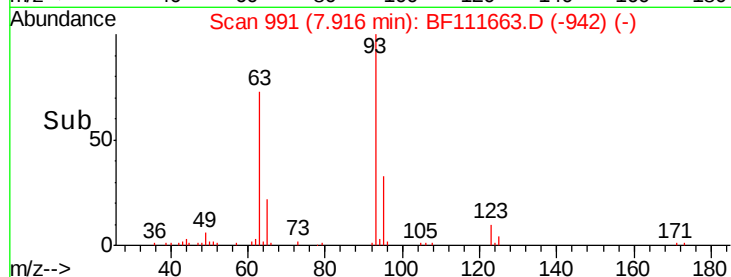
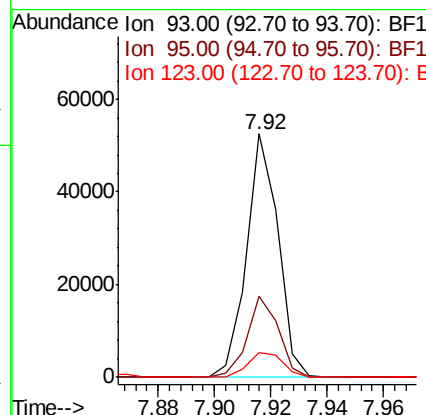
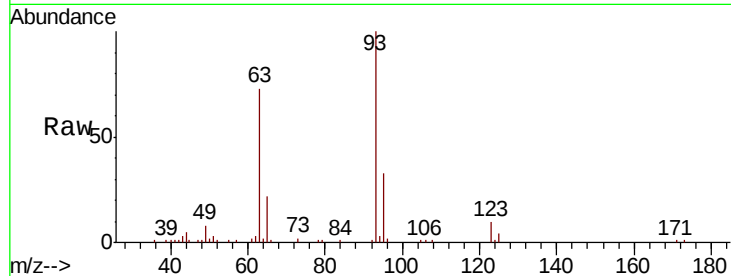




#28
bis(2-Chloroethoxy)methane
Concen: 2.815 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.01 min
Lab File: BF111663.D
Acq: 21 Dec 2018 2:32

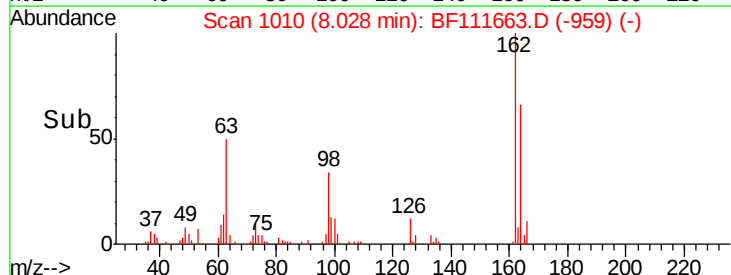
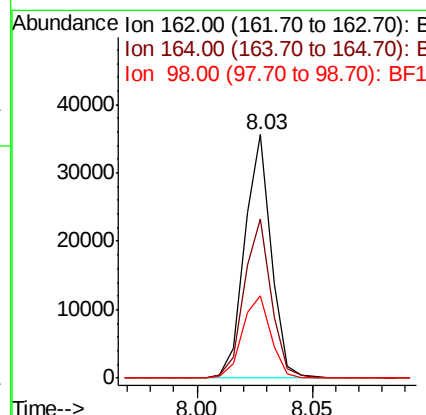
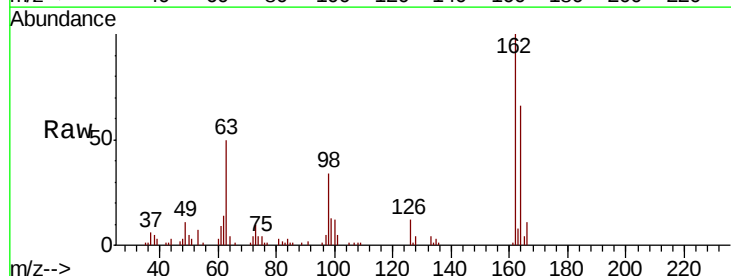
Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MS

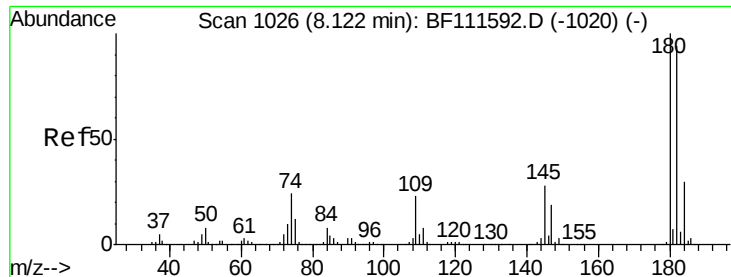
Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	27.1	40.7
123	10.0	9.9	14.9



#29
2,4-Dichlorophenol
Concen: 2.596 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BF111663.D
Acq: 21 Dec 2018 2:32

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.6	44.4	84.4
98	34.1	20.3	60.3

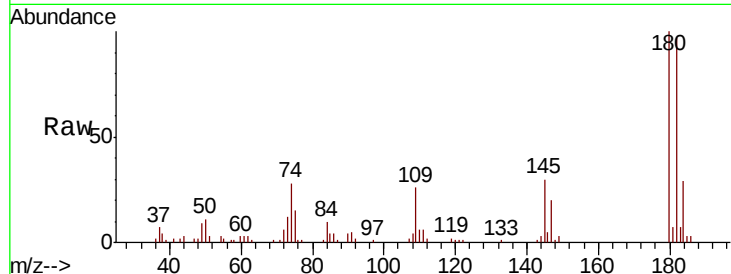




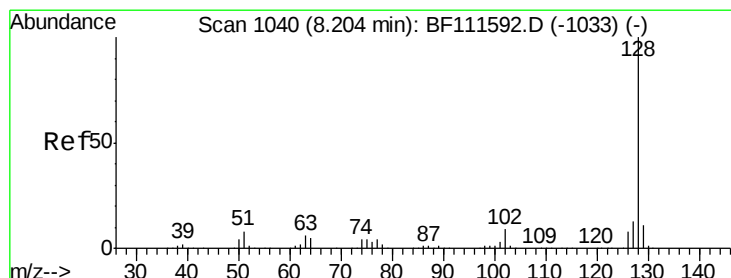
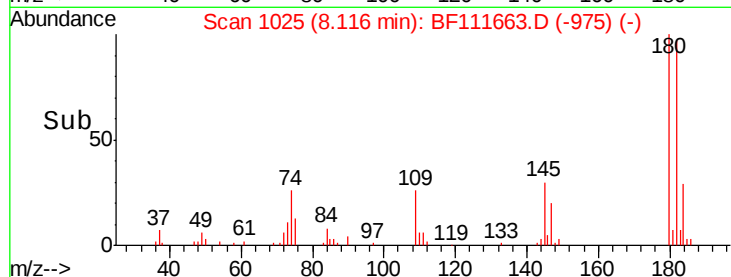
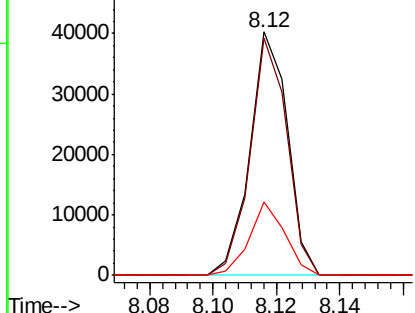
#30
 1,2,4-Trichlorobenzene
 Concen: 2.707 ng
 RT: 8.12 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BF111663.D
 Acq: 21 Dec 2018 2:32

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS025-1218-01MS

Tgt Ion:180 Resp: 33241
 Ion Ratio Lower Upper
 180 100
 182 97.5 75.6 113.4
 145 30.2 26.7 40.1

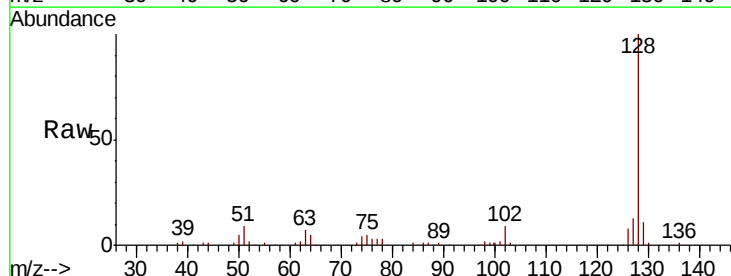


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

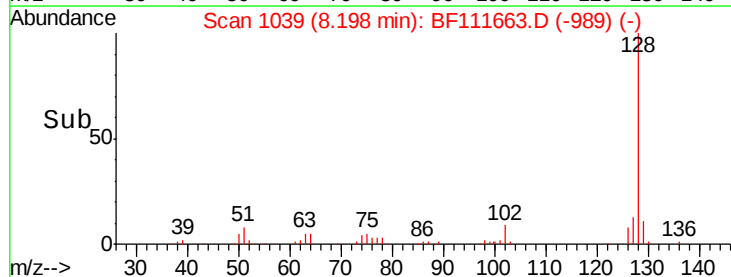
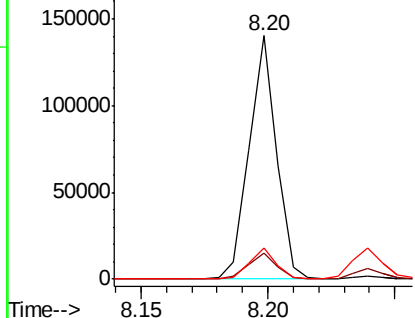


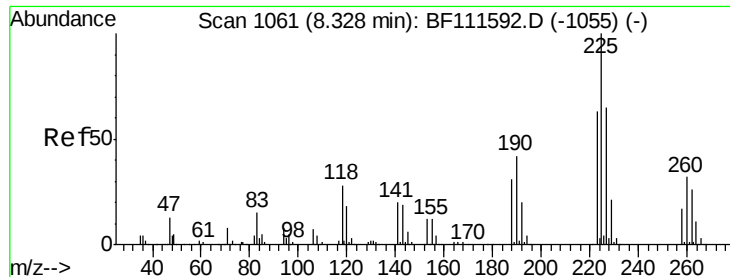
#31
 Naphthalene
 Concen: 3.070 ng
 RT: 8.20 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF111663.D
 Acq: 21 Dec 2018 2:32

Tgt Ion:128 Resp: 104973
 Ion Ratio Lower Upper
 128 100
 129 10.9 9.8 14.8
 127 12.7 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





#34

Hexachlorobutadiene

Concen: 2.584 ng

RT: 8.32 min Scan# 1060

Delta R.T. -0.01 min

Lab File: BF111663.D

Acq: 21 Dec 2018 2:32

Instrument :

BNA_F

ClientSampleId :

P001-SS025-1218-01MS

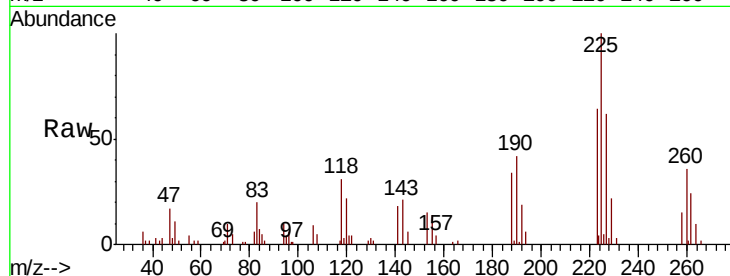
Tgt Ion: 225 Resp: 19339

Ion Ratio Lower Upper

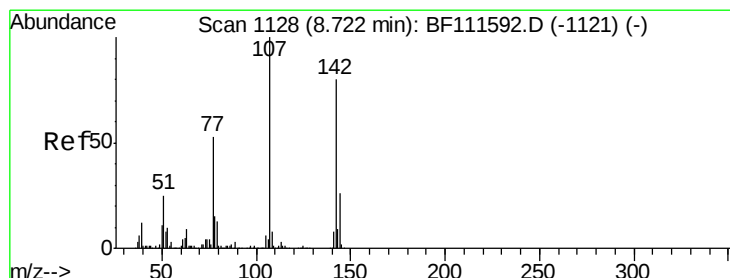
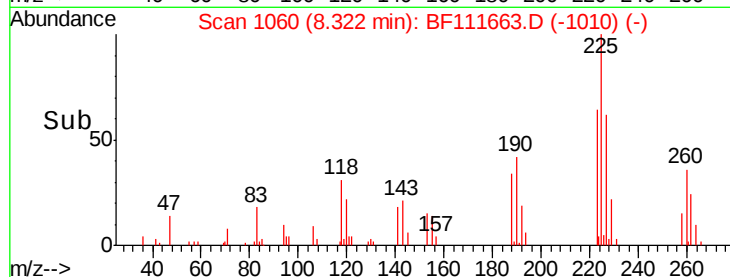
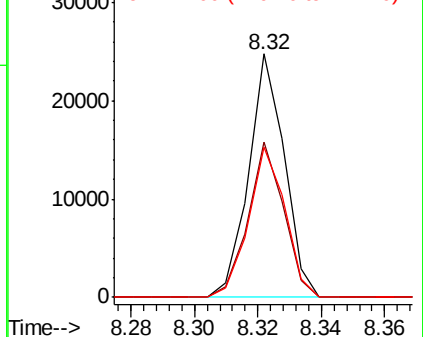
225 100

223 63.6 50.7 76.1

227 61.7 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



#36

4-Chloro-3-methylphenol

Concen: 2.571 ng

RT: 8.71 min Scan# 1126

Delta R.T. -0.01 min

Lab File: BF111663.D

Acq: 21 Dec 2018 2:32

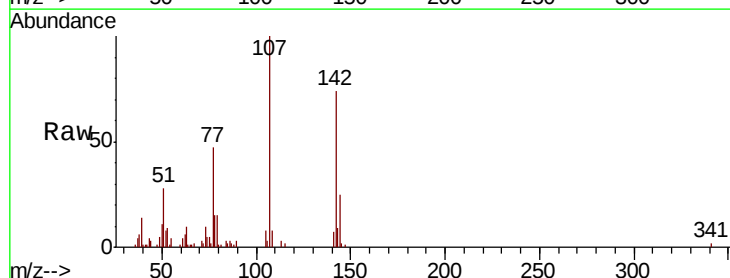
Tgt Ion: 107 Resp: 27844

Ion Ratio Lower Upper

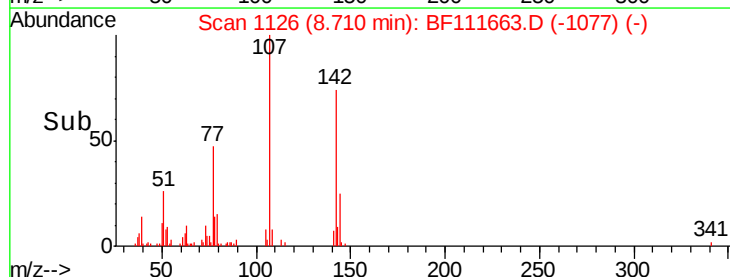
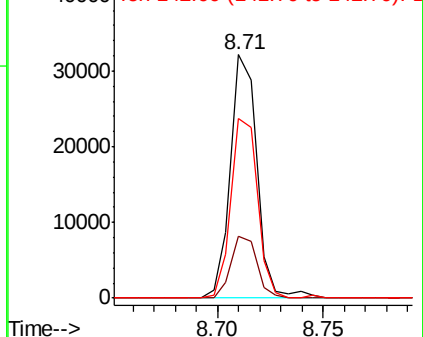
107 100

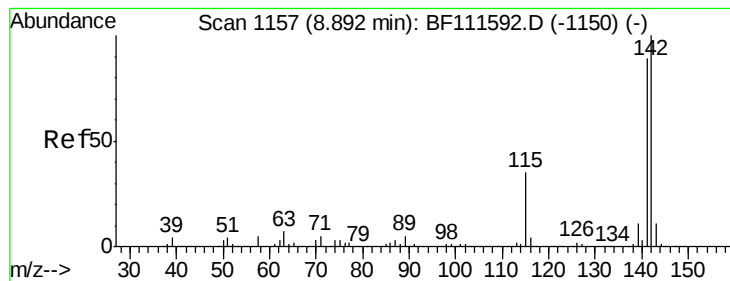
144 25.4 19.8 29.6

142 73.9 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: 2.983 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF111663.D

Acq: 21 Dec 2018 2:32

Instrument :

BNA_F

ClientSampleId :

P001-SS025-1218-01MS

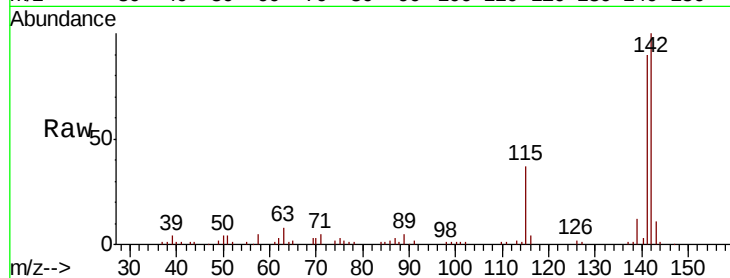
Tgt Ion:142 Resp: 66366

Ion Ratio Lower Upper

142 100

141 90.2 70.6 105.8

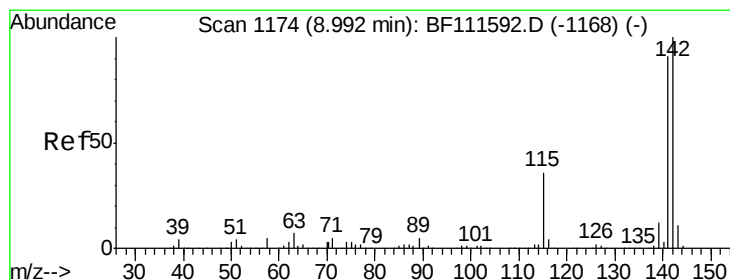
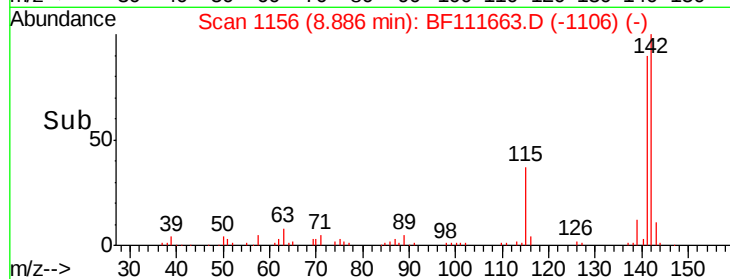
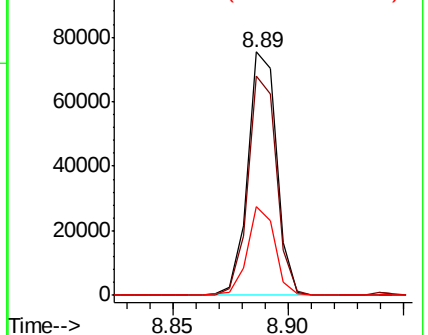
115 36.7 27.0 40.6



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: 2.852 ng

RT: 8.99 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BF111663.D

Acq: 21 Dec 2018 2:32

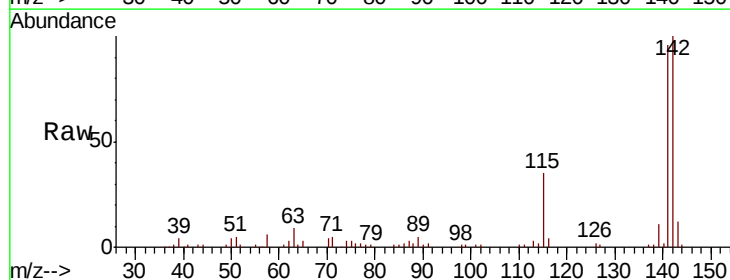
Tgt Ion:142 Resp: 60925

Ion Ratio Lower Upper

142 100

141 96.2 74.2 111.4

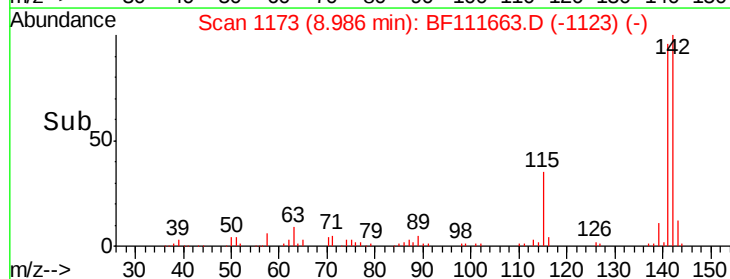
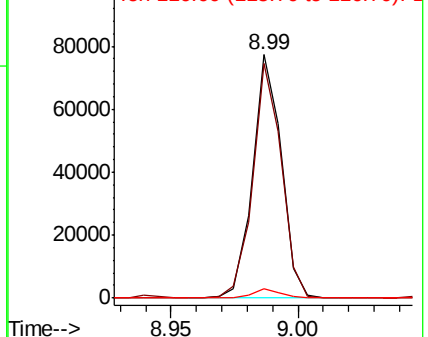
116 4.0 2.9 4.3

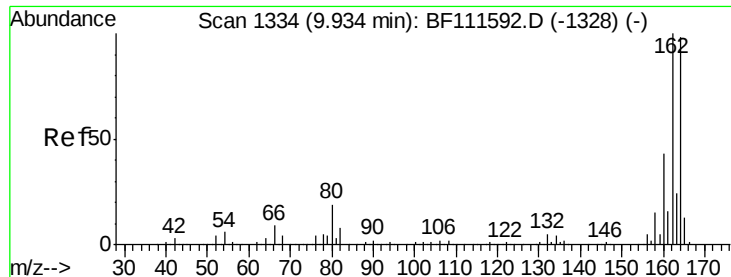


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.93 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BF111663.D

Acq: 21 Dec 2018 2:32

Instrument :

BNA_F

ClientSampleId :

P001-SS025-1218-01MS

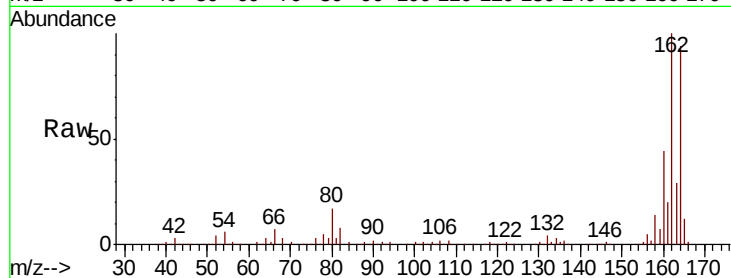
Tgt Ion:164 Resp: 297101

Ion Ratio Lower Upper

164 100

162 106.5 81.4 122.0

160 47.3 35.7 53.5

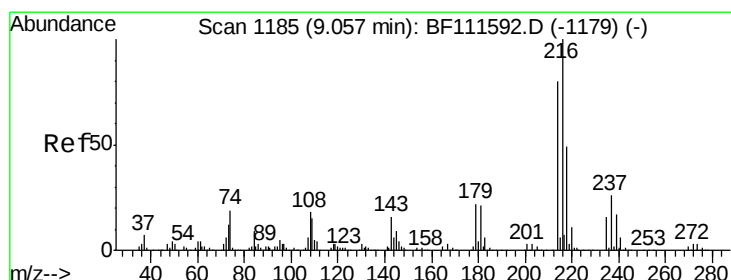
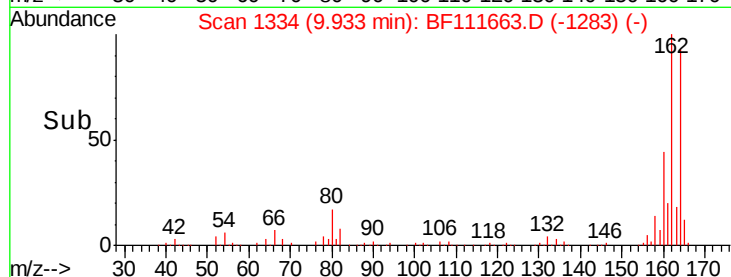
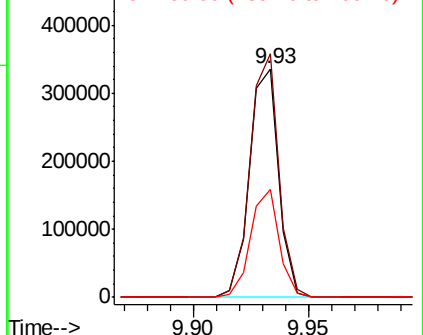


Abundance

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: 3.208 ng

RT: 9.06 min Scan# 1185

Delta R.T. -0.00 min

Lab File: BF111663.D

Acq: 21 Dec 2018 2:32

Tgt Ion:216 Resp: 31323

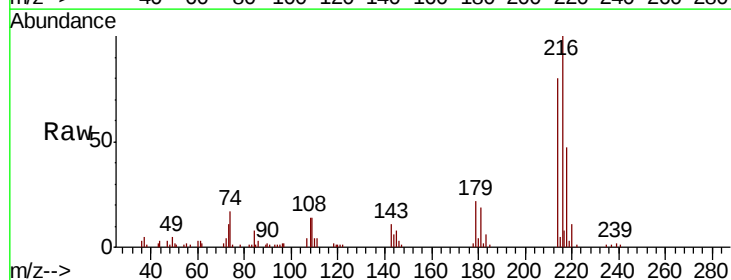
Ion Ratio Lower Upper

216 100

214 80.3 63.8 95.8

179 21.7 17.9 26.9

108 16.0 18.4 27.6#



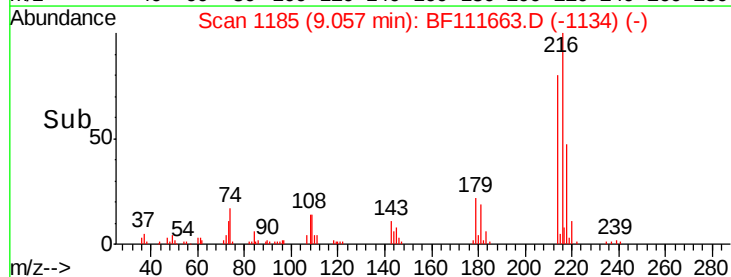
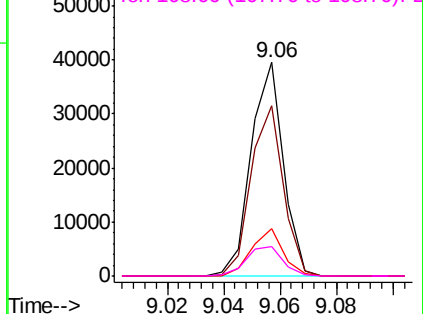
Abundance

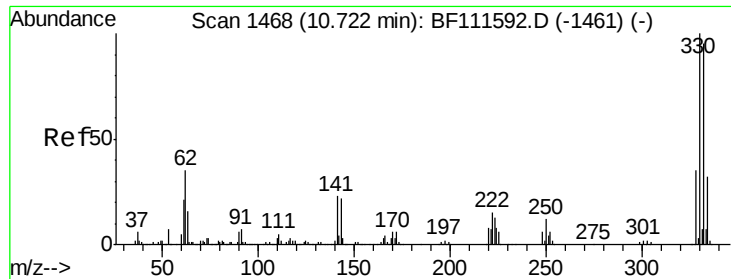
Ion 216.00 (215.70 to 216.70): E

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

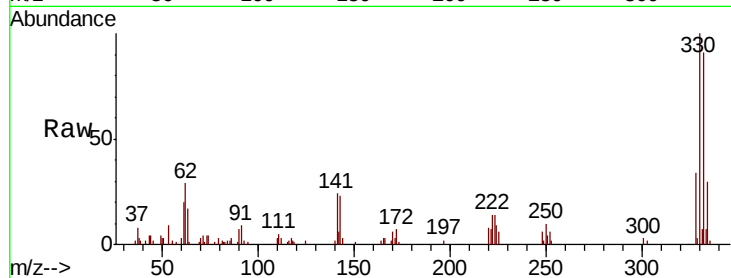




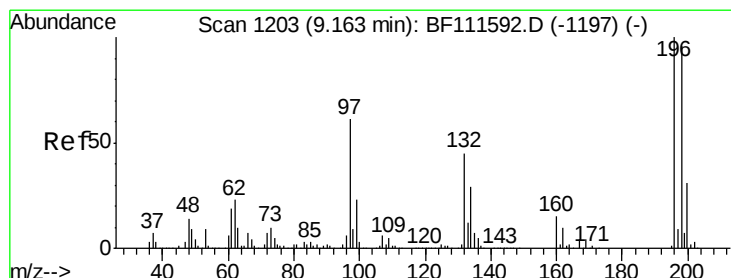
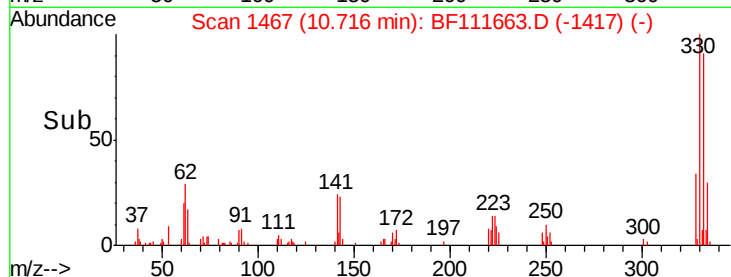
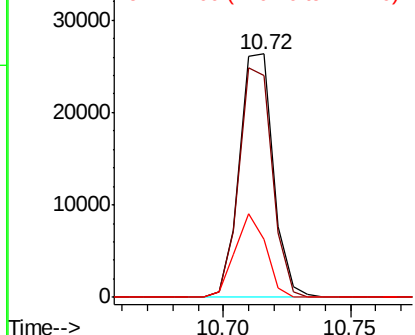
#42
 2,4,6-Tribromophenol
 Concen: 6.985 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF111663.D
 Acq: 21 Dec 2018 2:32

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS025-1218-01MS

Tgt Ion:330 Resp: 24520
 Ion Ratio Lower Upper
 330 100
 332 92.7 76.0 114.0
 141 31.2 31.0 46.6

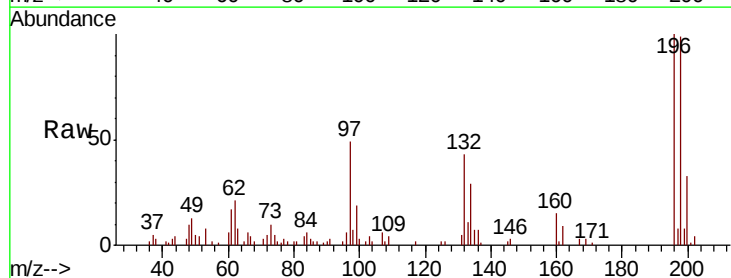


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

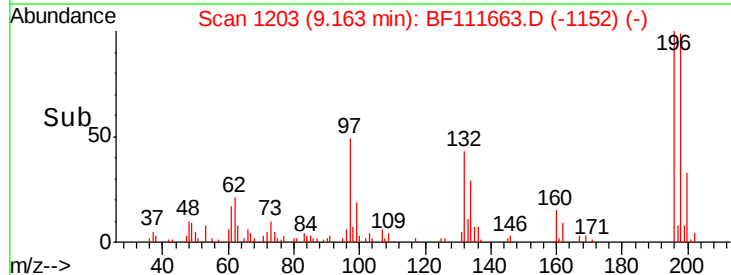
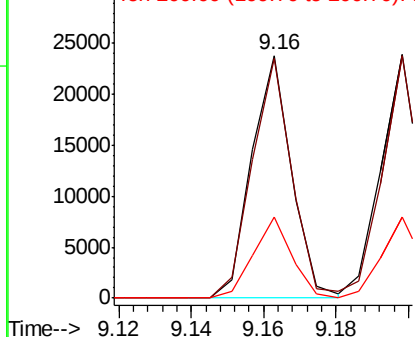


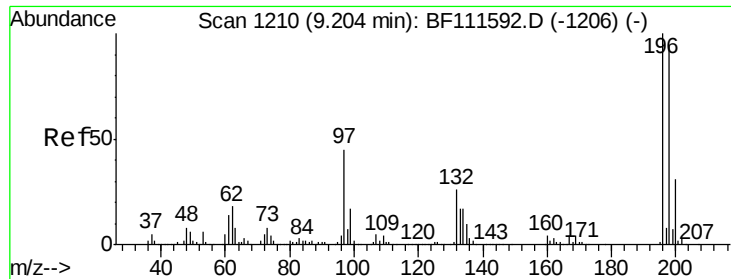
#43
 2,4,6-Trichlorophenol
 Concen: 2.793 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BF111663.D
 Acq: 21 Dec 2018 2:32

Tgt Ion:196 Resp: 18202
 Ion Ratio Lower Upper
 196 100
 198 99.0 76.3 114.5
 200 33.4 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

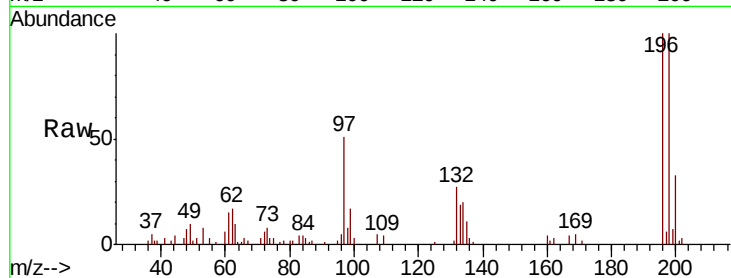




#44
2,4,5-Trichlorophenol
Concen: 2.740 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF111663.D
Acq: 21 Dec 2018 2:32

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.8	72.9	109.3
97	50.6	45.3	67.9
132	26.7	25.5	38.3



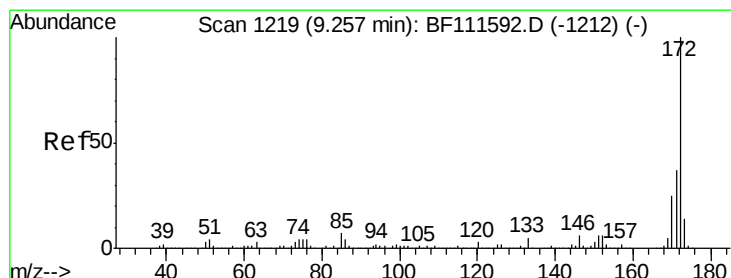
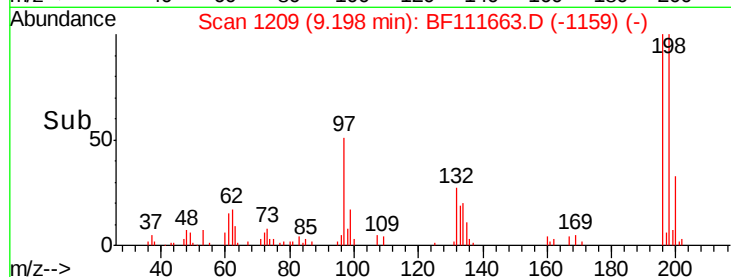
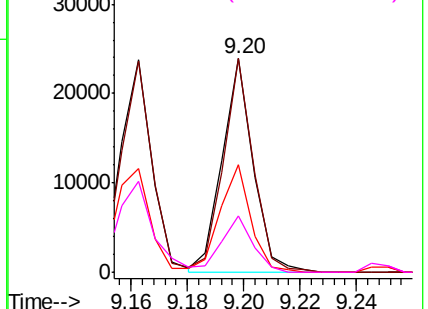
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

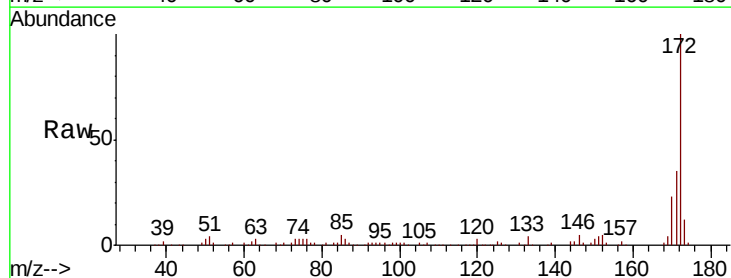
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#45
2-Fluorobiphenyl
Concen: 6.923 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111663.D
Acq: 21 Dec 2018 2:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	33.0	49.4
170	22.7	22.3	33.5

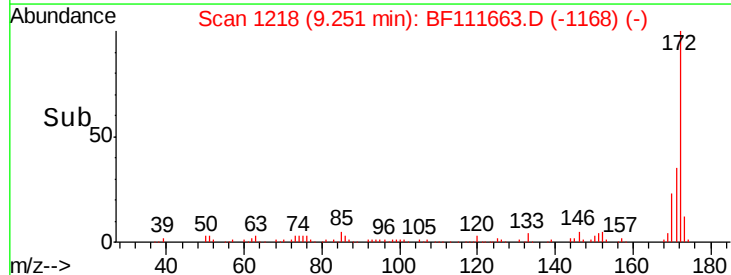
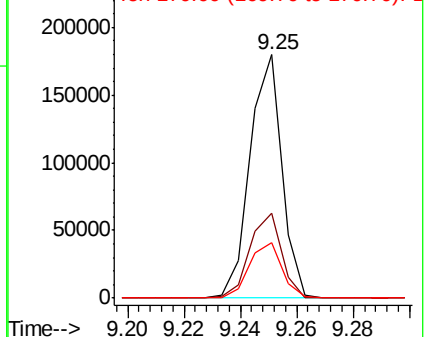


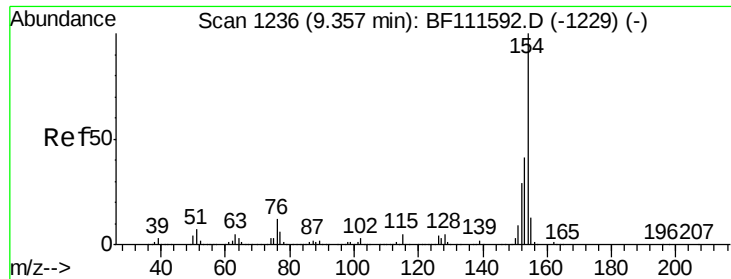
Abundance

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

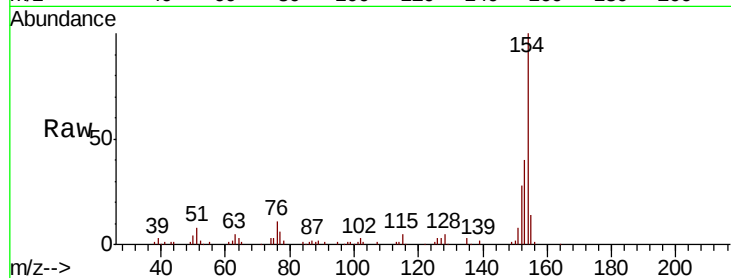




#46
1,1'-Biphenyl
Concen: 3.274 ng
RT: 9.35 min Scan# 1235
Delta R.T. -0.01 min
Lab File: BF111663.D
Acq: 21 Dec 2018 2:32

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.1	23.7	63.7
76	11.2	0.0	35.0

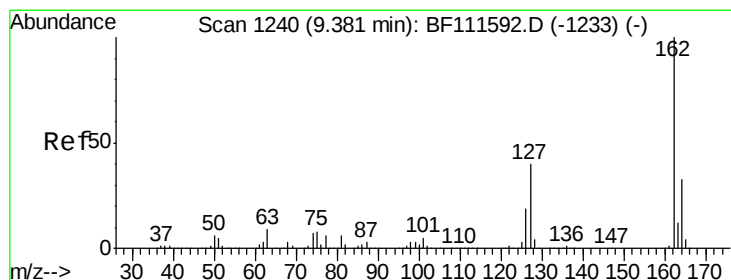
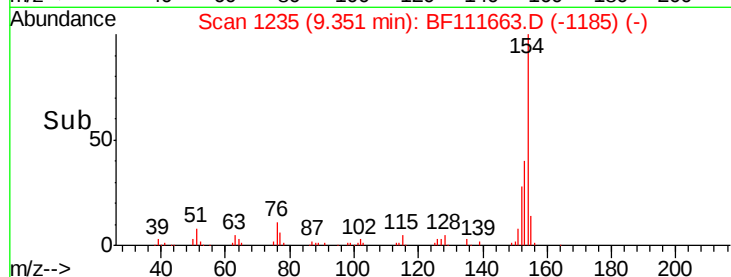
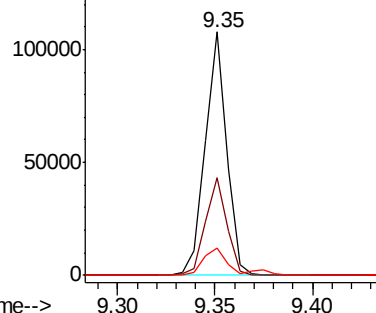


Abundance

Ion 154.00 (153.70 to 154.70): E

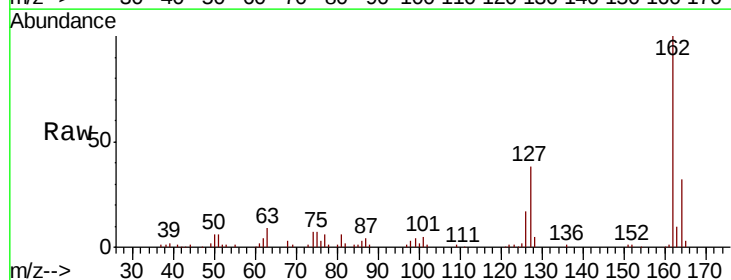
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#47
2-Chloronaphthalene
Concen: 3.040 ng
RT: 9.37 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BF111663.D
Acq: 21 Dec 2018 2:32

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.1	35.0	52.4
164	32.2	28.4	42.6

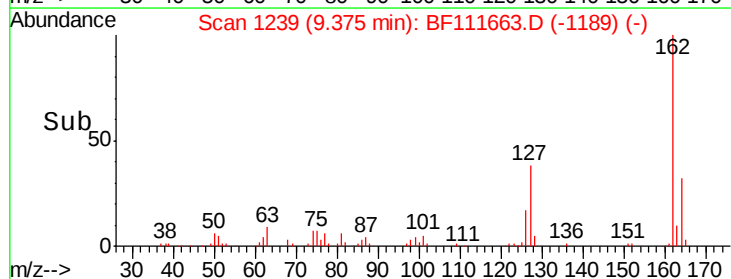
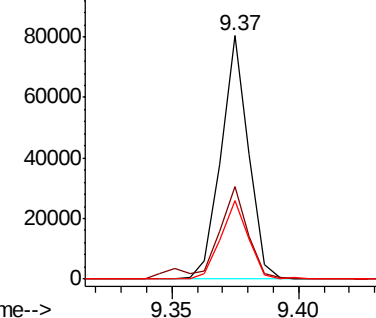


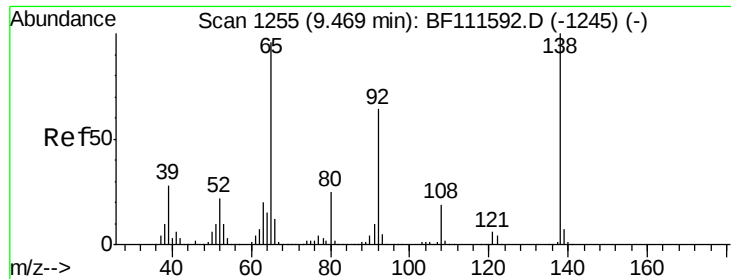
Abundance

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

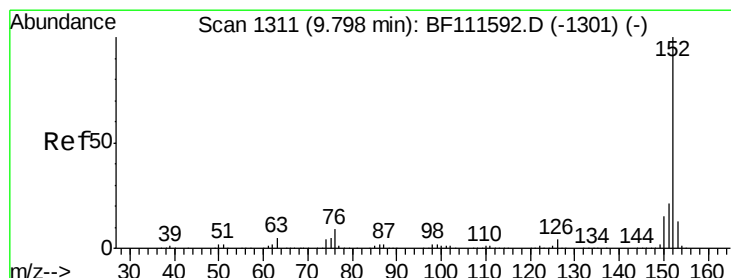
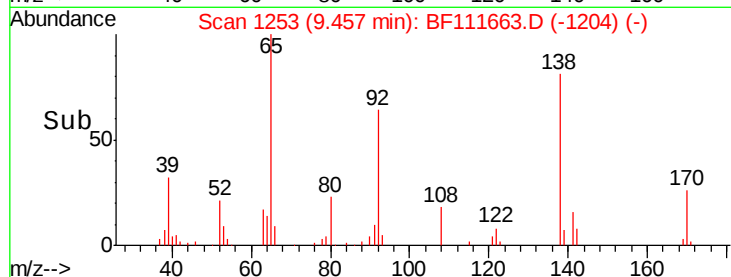
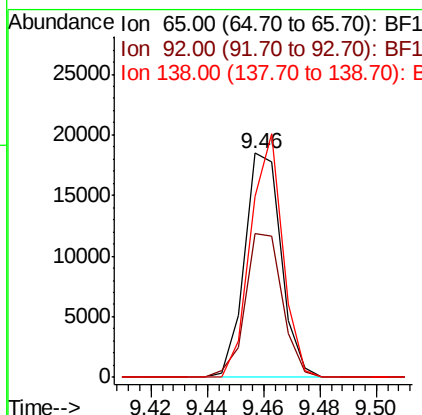
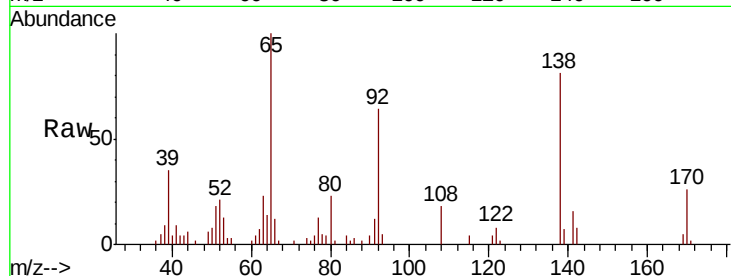




#48
2-Nitroaniline
Concen: 3.222 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF111663.D
Acq: 21 Dec 2018 2:32

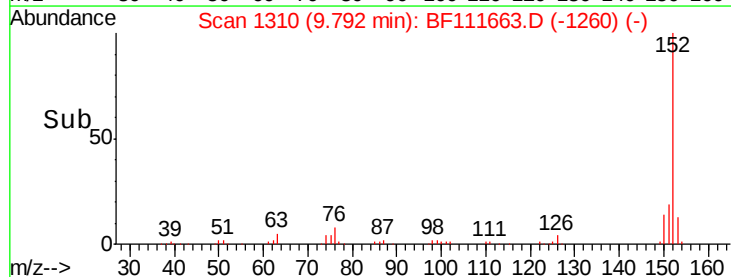
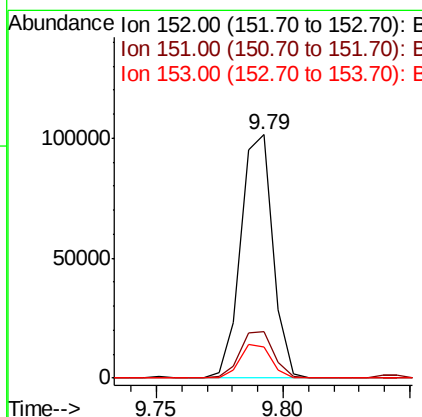
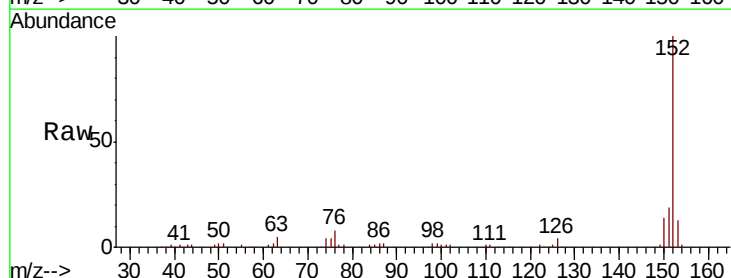
Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MS

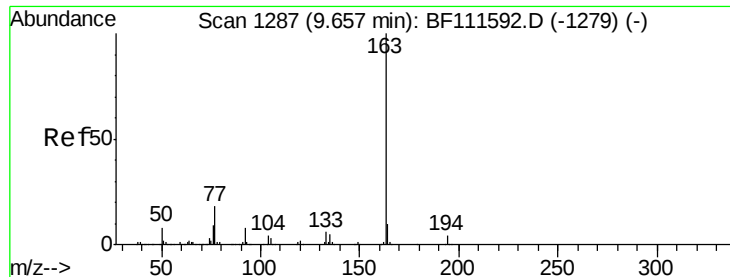
Tgt Ion: 65 Resp: 16654
Ion Ratio Lower Upper
65 100
92 64.0 53.5 80.3
138 80.6 80.9 121.3#



#49
Acenaphthylene
Concen: 3.077 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF111663.D
Acq: 21 Dec 2018 2:32

Tgt Ion: 152 Resp: 89263
Ion Ratio Lower Upper
152 100
151 19.3 18.0 27.0
153 12.7 12.3 18.5

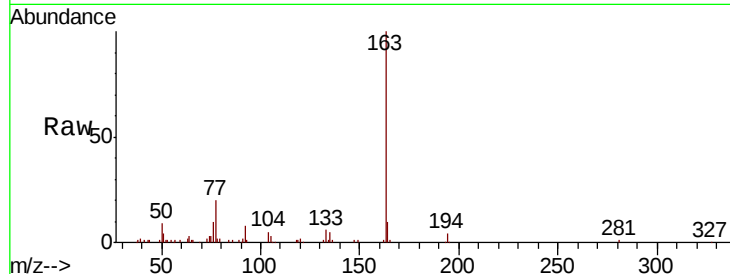




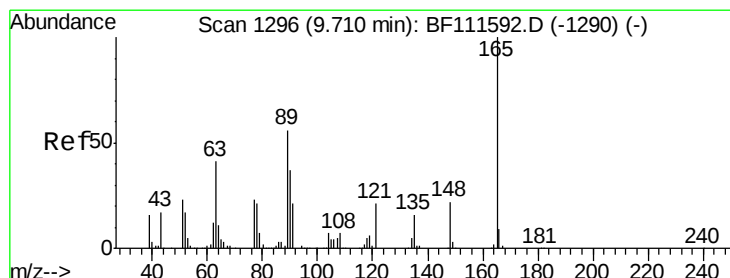
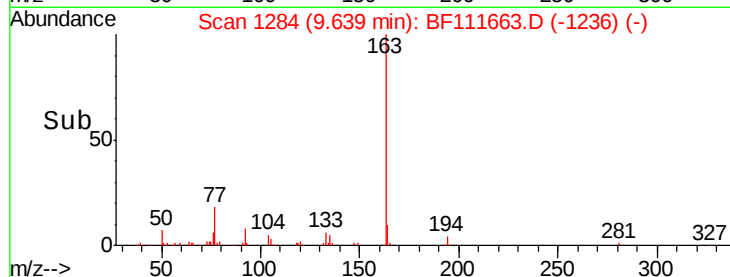
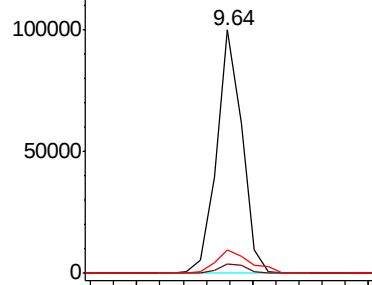
#50
Dimethylphthalate
Concen: 3.541 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF111663.D
Acq: 21 Dec 2018 2:32

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MS

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	9.9	8.9	13.3

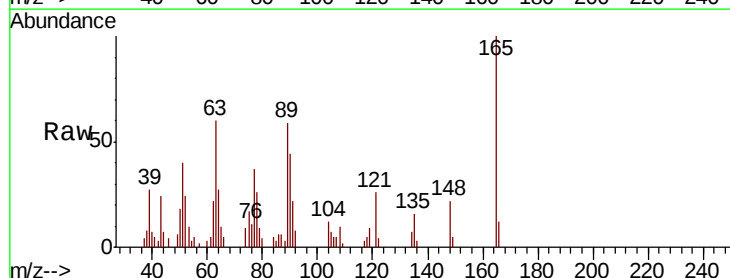


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

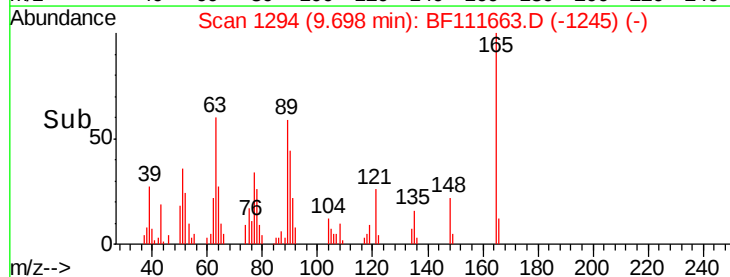
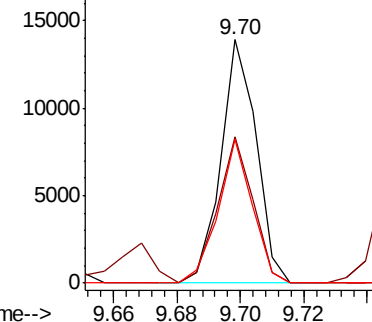


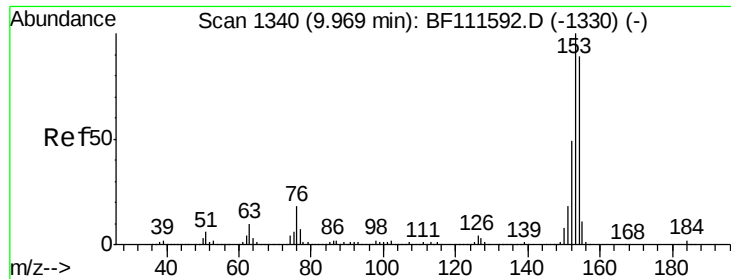
#51
2,6-Dinitrotoluene
Concen: 2.481 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF111663.D
Acq: 21 Dec 2018 2:32

Tgt Ion	Ratio	Lower	Upper
165	100		
63	60.0	40.5	60.7
89	59.0	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: 2.921 ng

RT: 9.96 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BF111663.D

Acq: 21 Dec 2018 2:32

Instrument :

BNA_F

ClientSampleId :

P001-SS025-1218-01MS

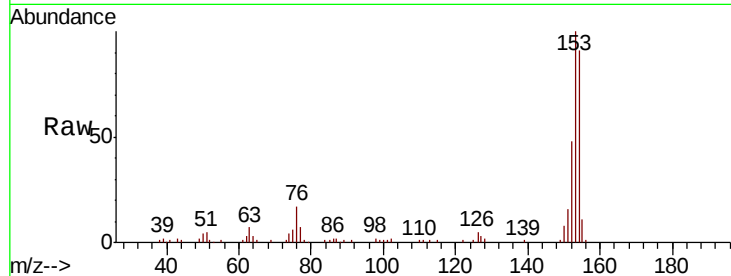
Tgt Ion:154 Resp: 52271

Ion Ratio Lower Upper

154 100

153 110.2 87.8 131.8

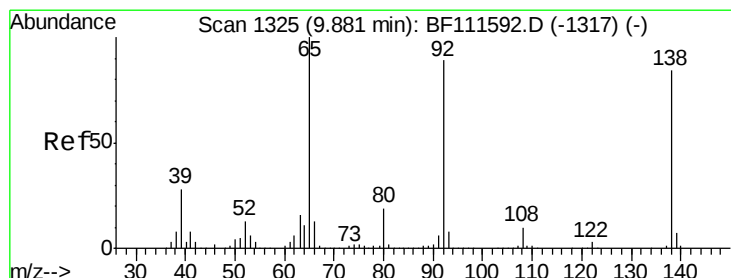
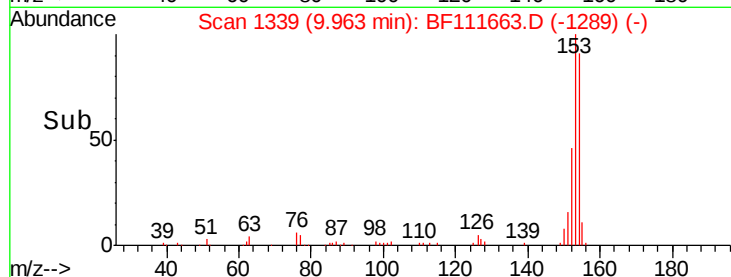
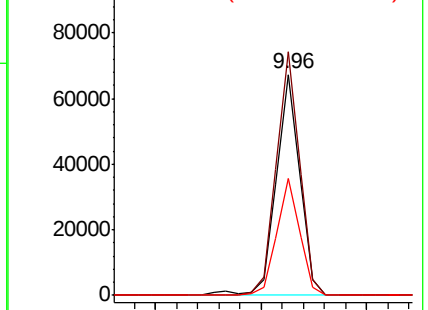
152 52.7 43.4 65.2



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: 2.009 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF111663.D

Acq: 21 Dec 2018 2:32

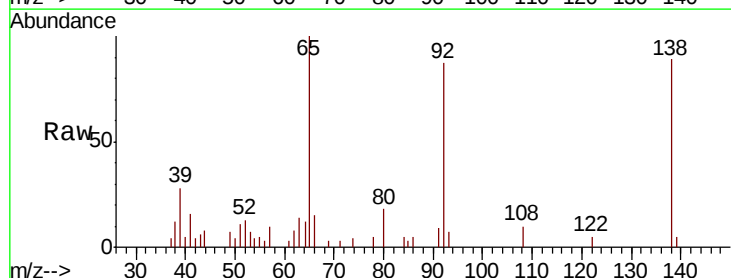
Tgt Ion:138 Resp: 9282

Ion Ratio Lower Upper

138 100

108 11.3 8.2 12.4

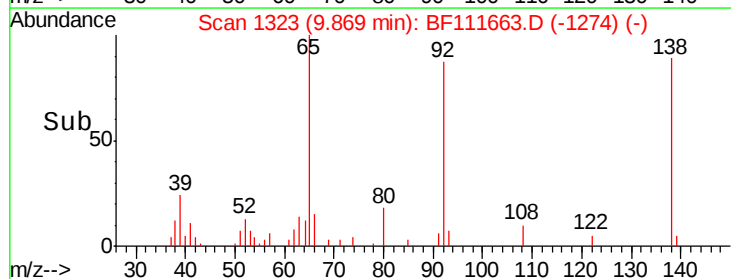
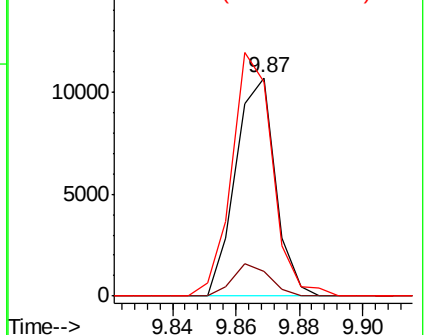
92 98.0 93.4 140.2

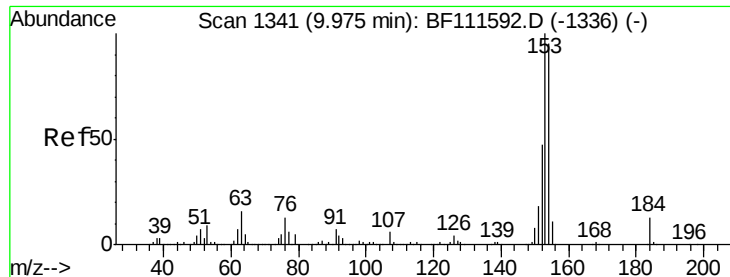


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

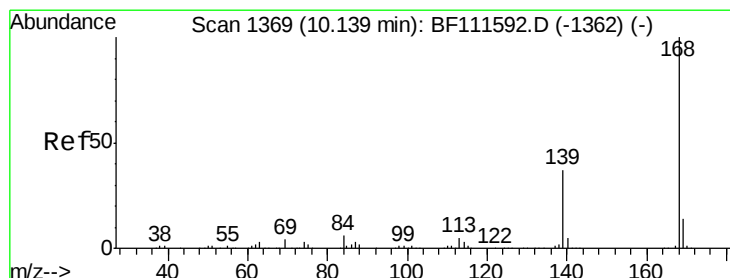
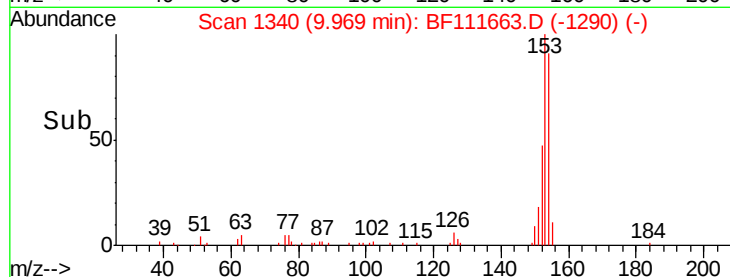
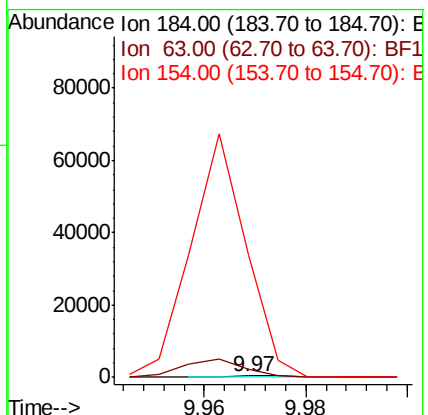
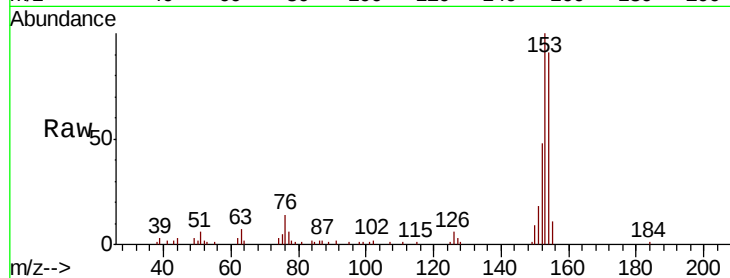




#54
2,4-Dinitrophenol
Concen: 7.486 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF111663.D
Acq: 21 Dec 2018 2:32

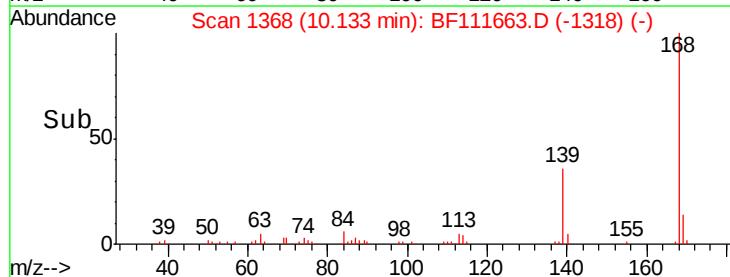
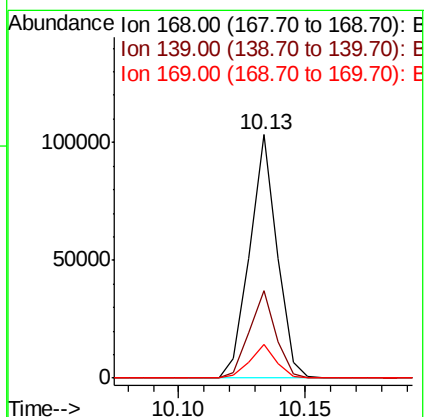
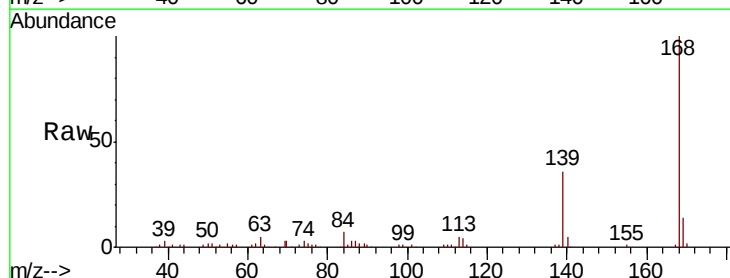
Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MS

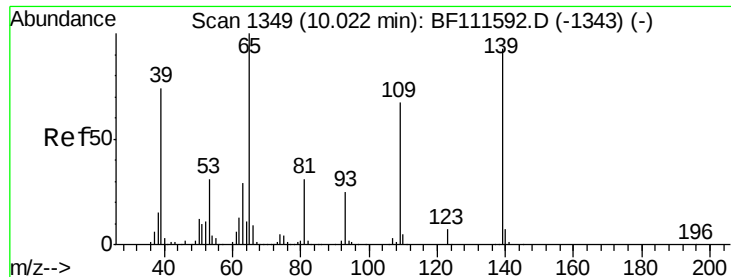
Tgt Ion:184 Resp: 273
Ion Ratio Lower Upper
184 100
63 536.9 62.3 93.5#
154 7473.8 56.2 84.2#



#55
Dibenzofuran
Concen: 2.884 ng
RT: 10.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BF111663.D
Acq: 21 Dec 2018 2:32

Tgt Ion:168 Resp: 77974
Ion Ratio Lower Upper
168 100
139 36.0 32.6 49.0
169 13.6 11.8 17.6

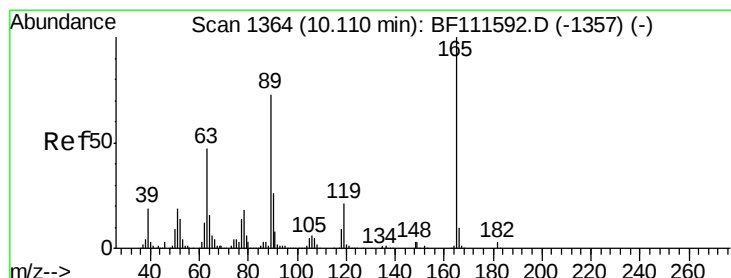
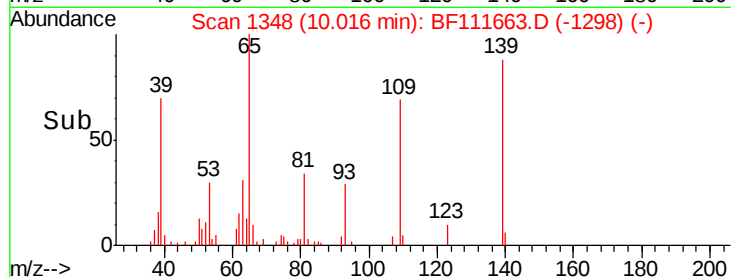
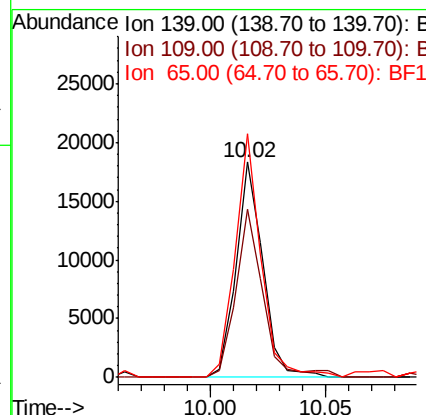
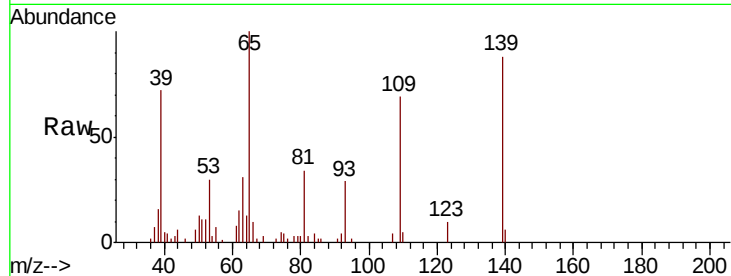




#56
4-Nitrophenol
Concen: 4.190 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF111663.D
Acq: 21 Dec 2018 2:32

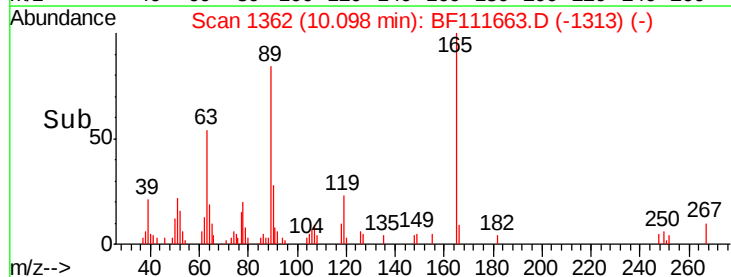
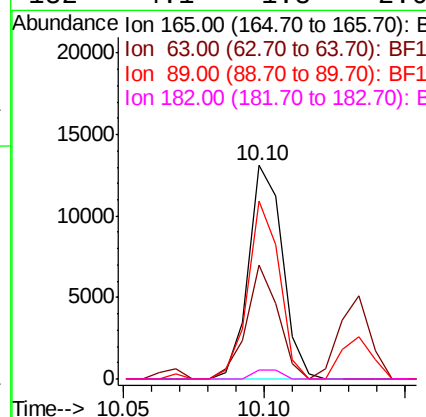
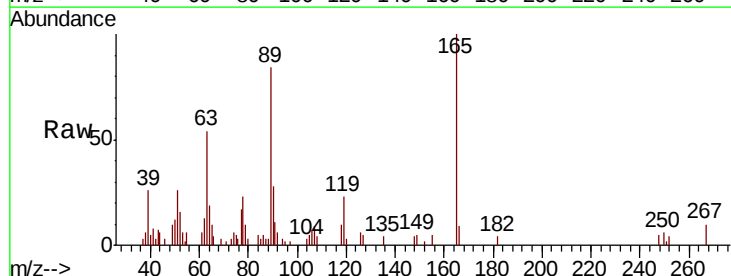
Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MS

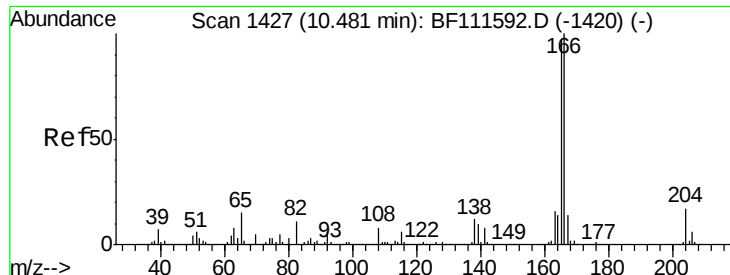
Tgt Ion:139 Resp: 14772
Ion Ratio Lower Upper
139 100
109 78.0 41.8 81.8
65 113.0 79.6 119.6



#57
2,4-Dinitrotoluene
Concen: 2.103 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF111663.D
Acq: 21 Dec 2018 2:32

Tgt Ion:165 Resp: 10948
Ion Ratio Lower Upper
165 100
63 53.5 34.6 52.0#
89 83.6 56.2 84.4
182 4.1 1.8 2.6#





#58

Fluorene

Concen: 3.012 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.01 min

Lab File: BF111663.D

Acq: 21 Dec 2018 2:32

Instrument :

BNA_F

ClientSampleId :

P001-SS025-1218-01MS

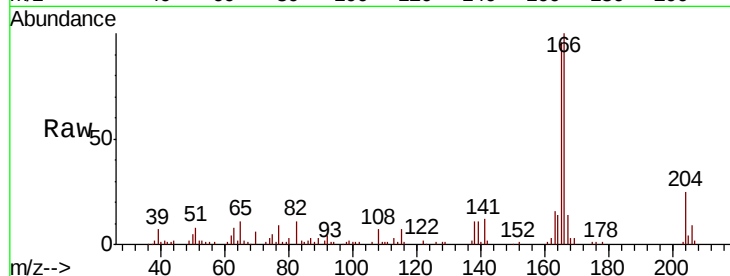
Tgt Ion:166 Resp: 58681

Ion Ratio Lower Upper

166 100

165 95.7 78.4 117.6

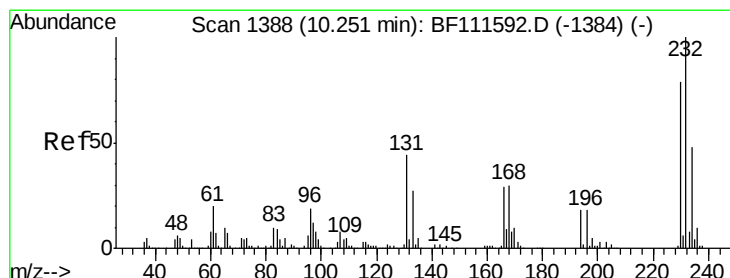
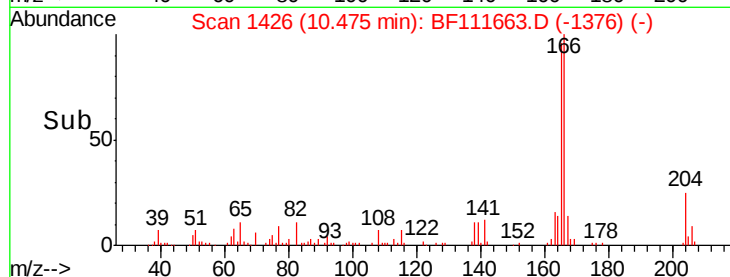
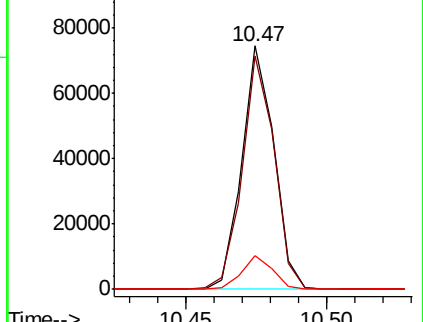
167 13.9 11.2 16.8



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: 2.450 ng

RT: 10.25 min Scan# 1388

Delta R.T. -0.00 min

Lab File: BF111663.D

Acq: 21 Dec 2018 2:32

Tgt Ion:232 Resp: 13786

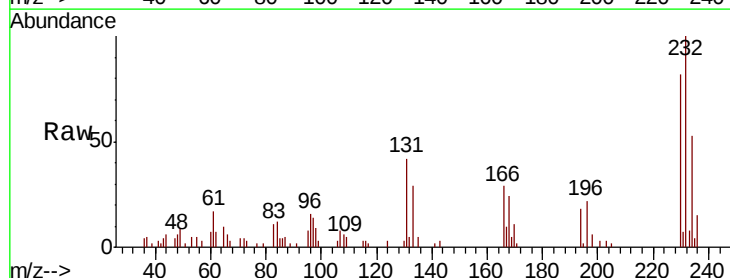
Ion Ratio Lower Upper

232 100

131 42.8 40.9 61.3

130 1.1 2.0 3.0#

166 29.3 26.8 40.2

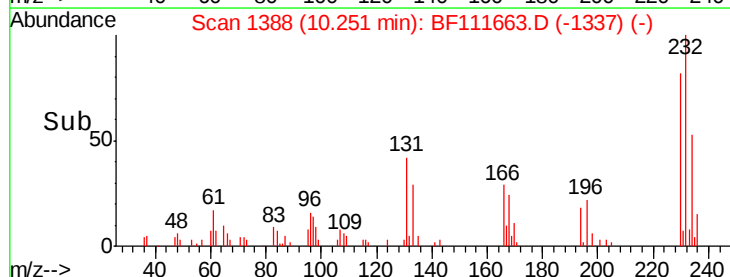
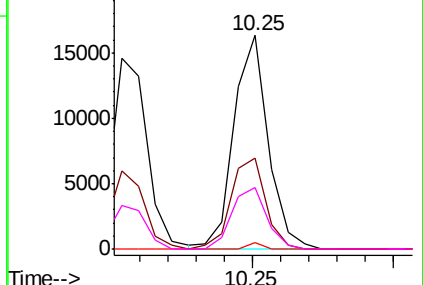


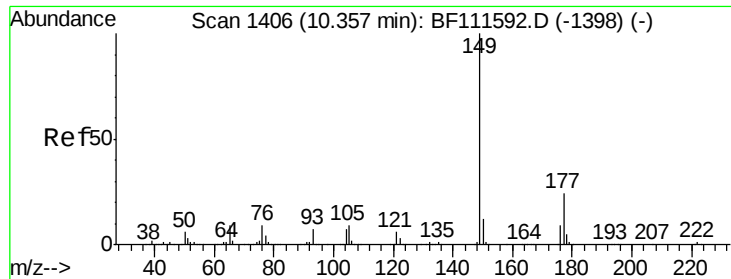
Abundance Ion 232.00 (231.70 to 232.70): E

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

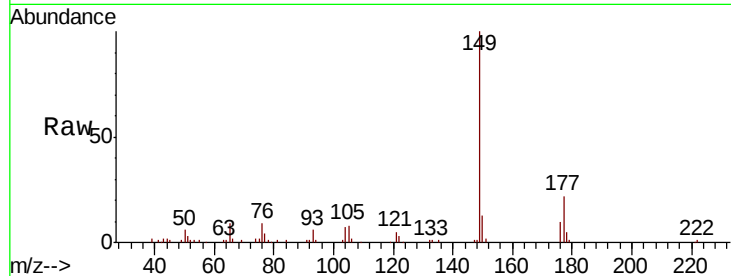




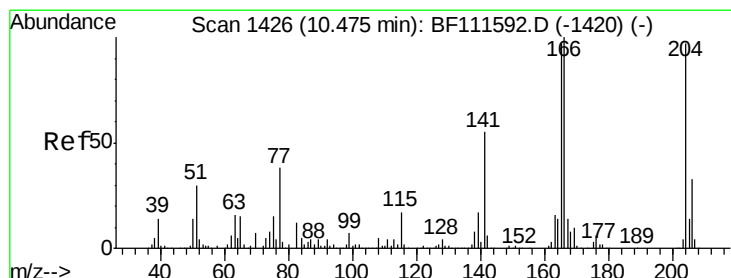
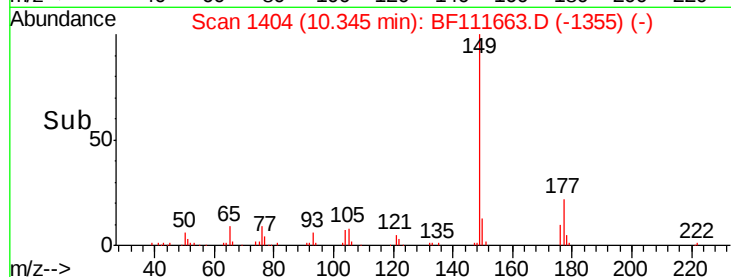
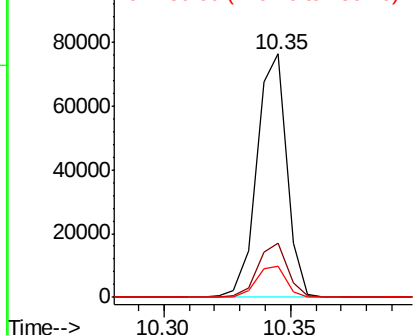
#60
Diethylphthalate
Concen: 2.955 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BF111663.D
Acq: 21 Dec 2018 2:32

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MS

Tgt Ion:149 Resp: 62981
Ion Ratio Lower Upper
149 100
177 22.1 18.3 27.5
150 12.6 10.6 15.8

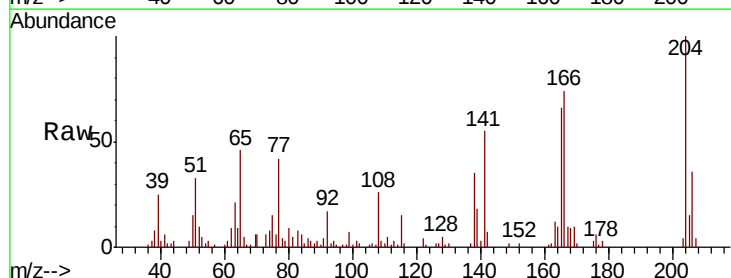


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

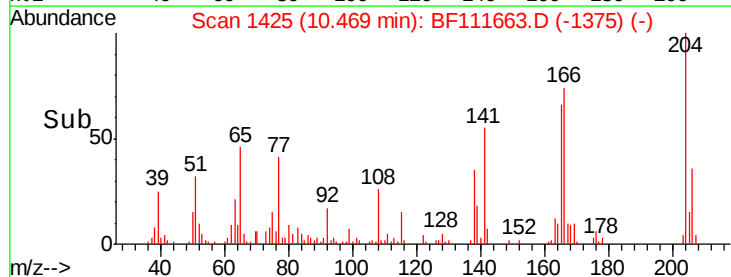
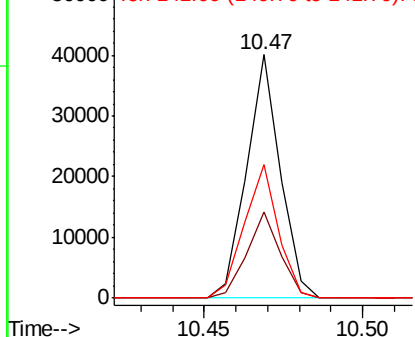


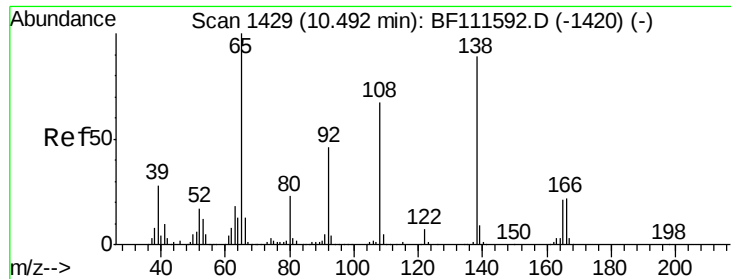
#61
4-Chlorophenyl-phenylether
Concen: 2.735 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF111663.D
Acq: 21 Dec 2018 2:32

Tgt Ion:204 Resp: 29438
Ion Ratio Lower Upper
204 100
206 35.5 26.6 39.8
141 55.0 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

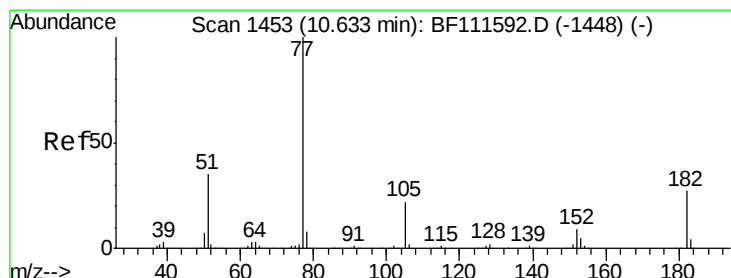
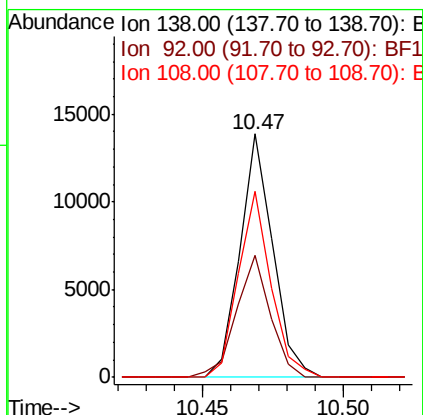
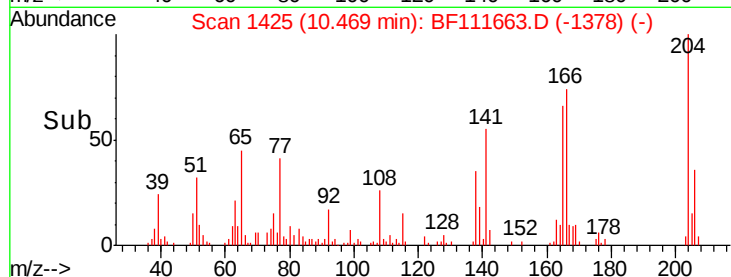
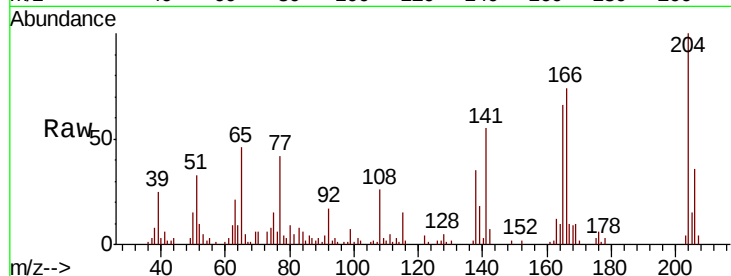




#62
4-Nitroaniline
Concen: 2.501 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.02 min
Lab File: BF111663.D
Acq: 21 Dec 2018 2:32

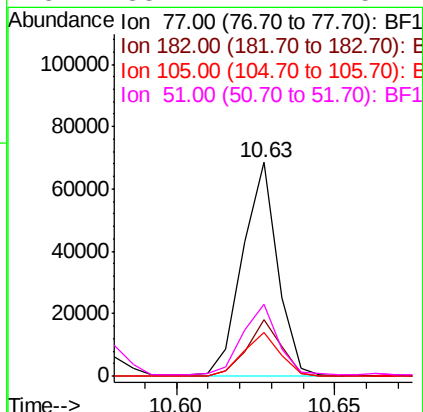
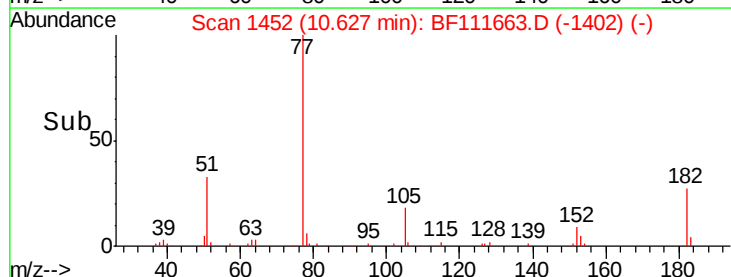
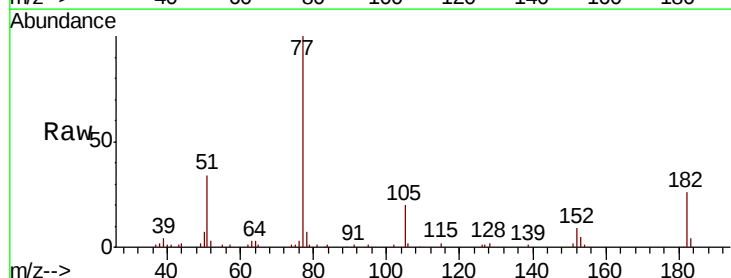
Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MS

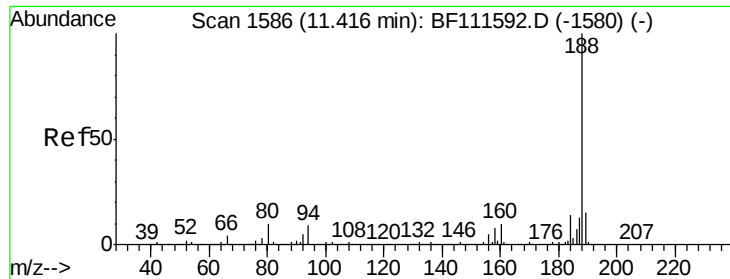
Tgt Ion: 138 Resp: 11233
Ion Ratio Lower Upper
138 100
92 50.0 29.9 69.9
108 76.2 43.2 83.2



#63
Azobenzene
Concen: 2.455 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF111663.D
Acq: 21 Dec 2018 2:32

Tgt Ion: 77 Resp: 52521
Ion Ratio Lower Upper
77 100
182 26.4 4.9 44.9
105 20.2 6.0 46.0
51 33.7 14.7 54.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.00 min

Lab File: BF111663.D

Acq: 21 Dec 2018 2:32

Instrument :

BNA_F

ClientSampleId :

P001-SS025-1218-01MS

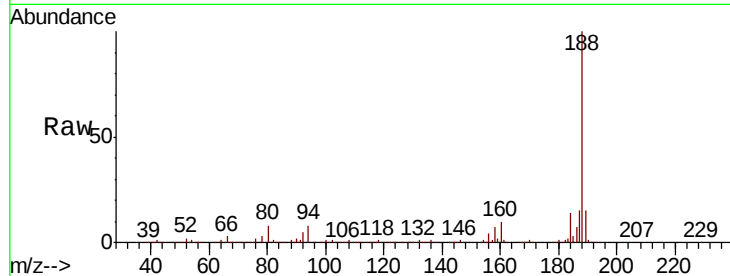
Tgt Ion:188 Resp: 462323

Ion Ratio Lower Upper

188 100

94 8.0 9.6 14.4#

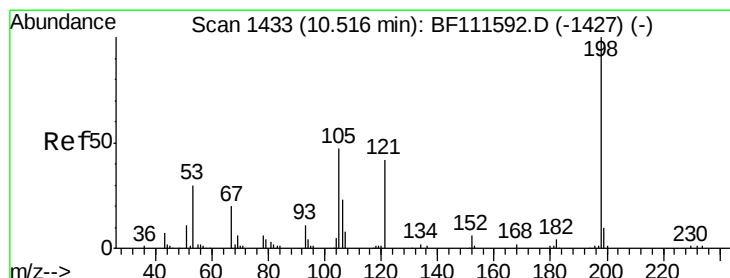
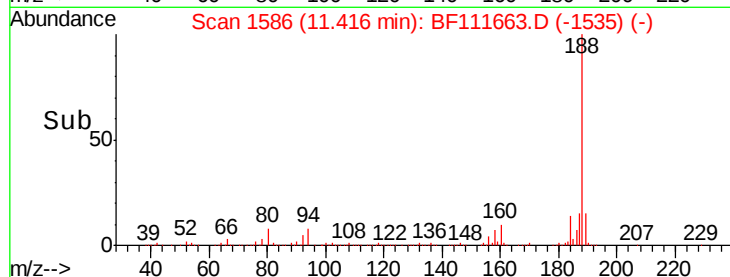
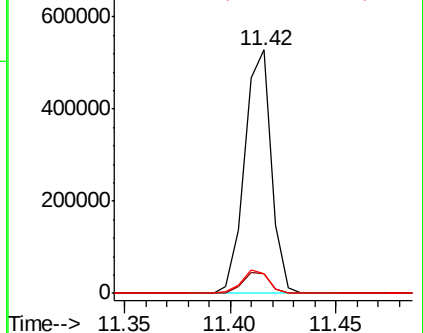
80 8.2 9.8 14.6#



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: 6.852 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF111663.D

Acq: 21 Dec 2018 2:32

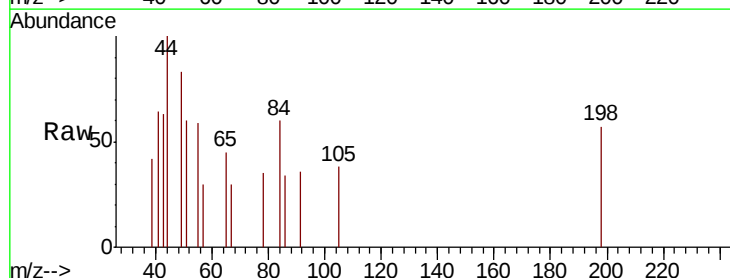
Tgt Ion:198 Resp: 353

Ion Ratio Lower Upper

198 100

51 105.6 48.0 88.0#

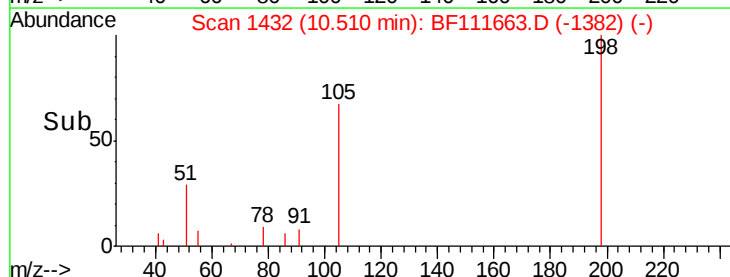
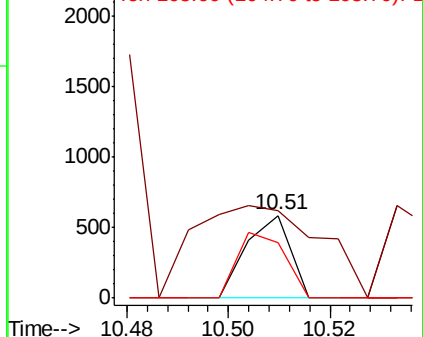
105 66.6 34.0 74.0

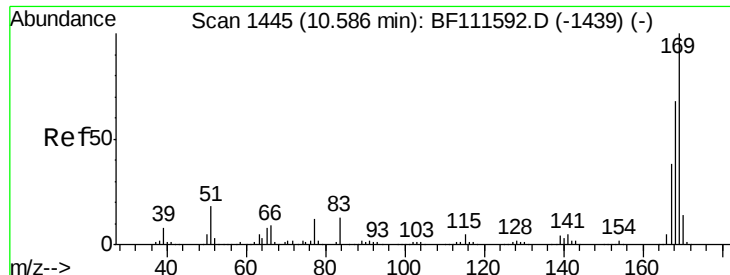


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

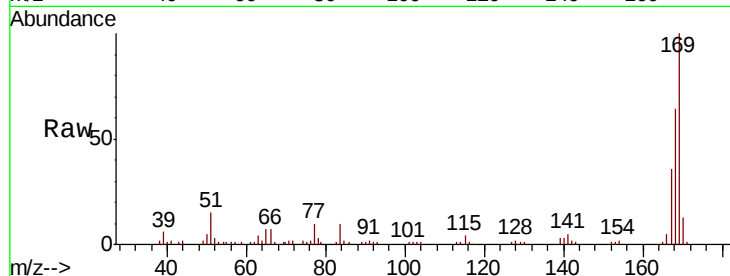




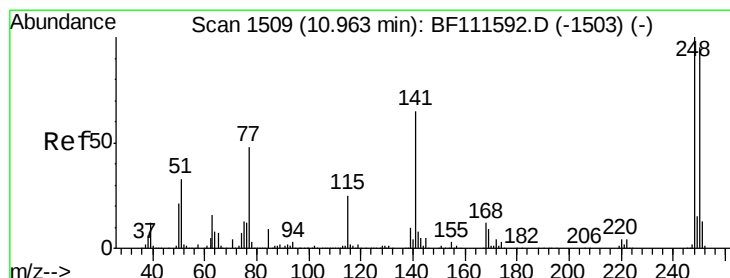
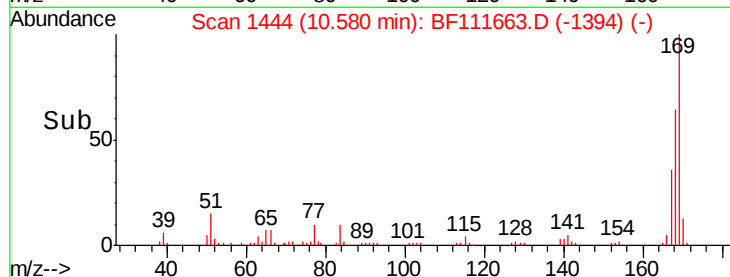
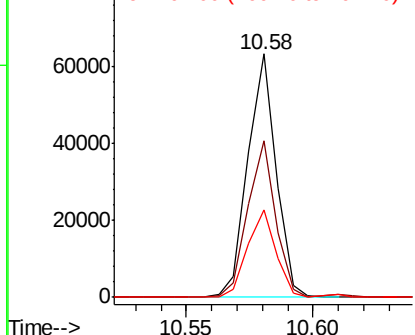
#66
 n-Nitrosodiphenylamine
 Concen: 3.162 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. -0.01 min
 Lab File: BF111663.D
 Acq: 21 Dec 2018 2:32

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS025-1218-01MS

Tgt Ion:169 Resp: 49072
 Ion Ratio Lower Upper
 169 100
 168 64.1 54.4 81.6
 167 35.9 30.5 45.7

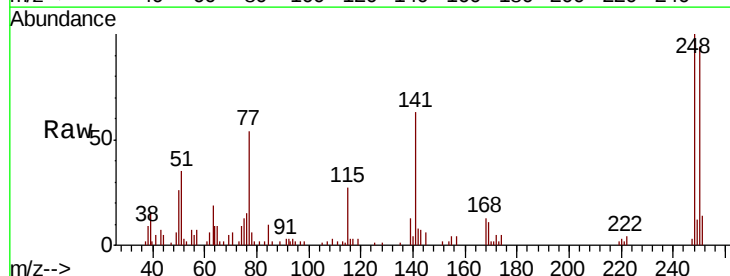


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

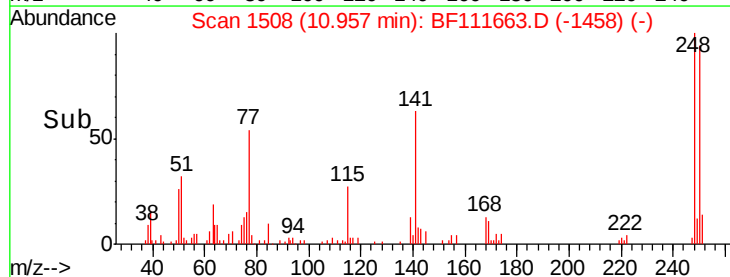
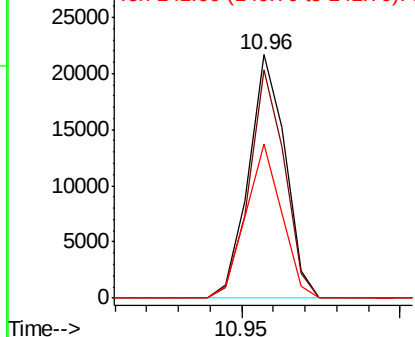


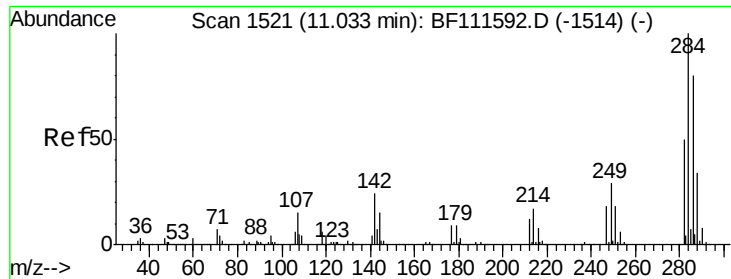
#67
 4-Bromophenyl-phenylether
 Concen: 3.019 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. -0.01 min
 Lab File: BF111663.D
 Acq: 21 Dec 2018 2:32

Tgt Ion:248 Resp: 17311
 Ion Ratio Lower Upper
 248 100
 250 93.7 77.0 115.4
 141 63.4 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: 2.818 ng

RT: 11.03 min Scan# 1520

Delta R.T. -0.01 min

Lab File: BF111663.D

Acq: 21 Dec 2018 2:32

Instrument :

BNA_F

ClientSampleId :

P001-SS025-1218-01MS

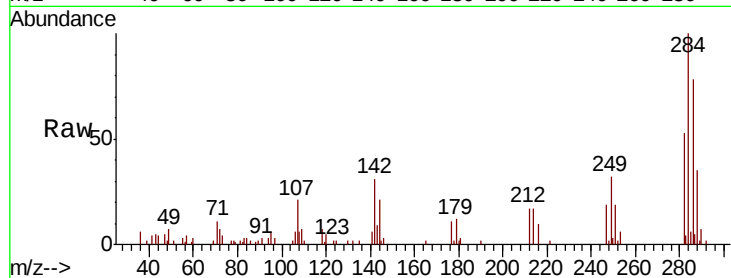
Tgt Ion: 284 Resp: 18016

Ion Ratio Lower Upper

284 100

142 31.2 27.4 41.2

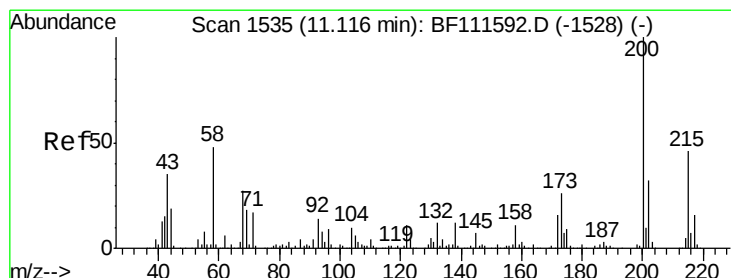
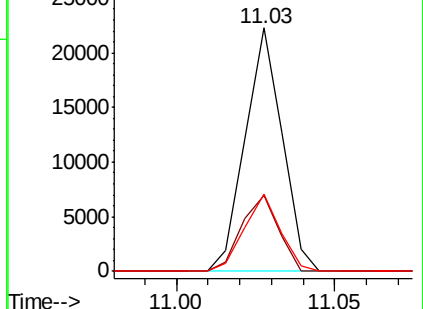
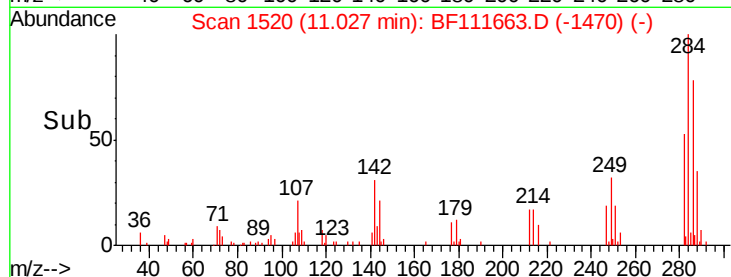
249 32.0 24.4 36.6



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: 3.085 ng

RT: 11.10 min Scan# 1533

Delta R.T. -0.01 min

Lab File: BF111663.D

Acq: 21 Dec 2018 2:32

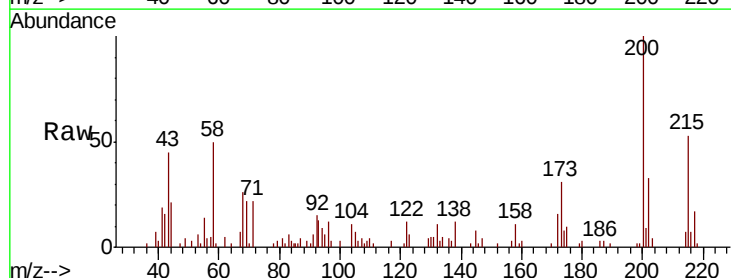
Tgt Ion: 200 Resp: 16630

Ion Ratio Lower Upper

200 100

173 30.7 10.1 50.1

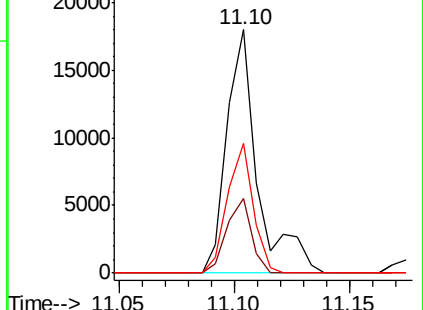
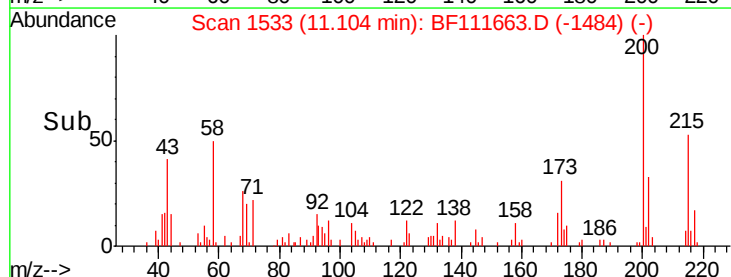
215 53.3 26.9 66.9

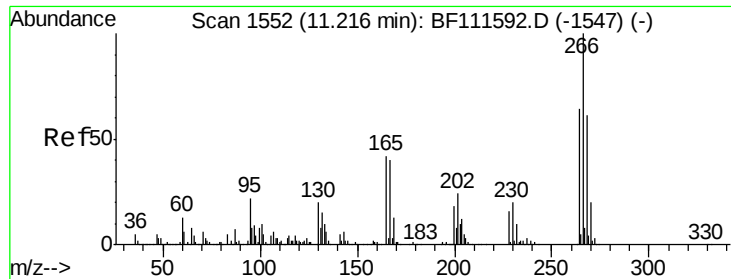


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

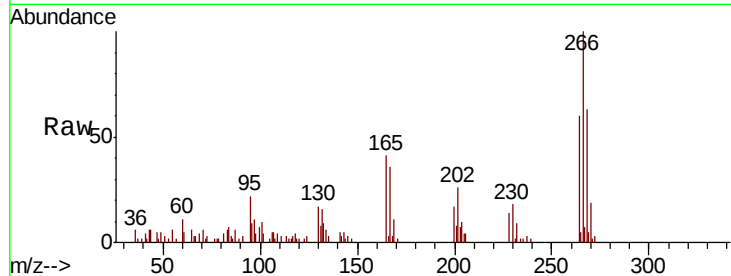




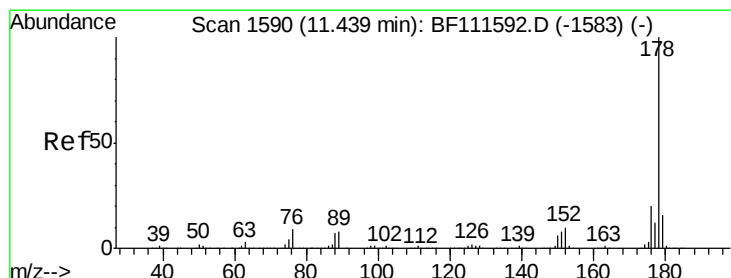
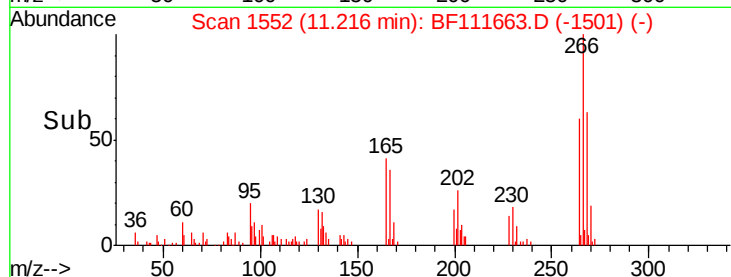
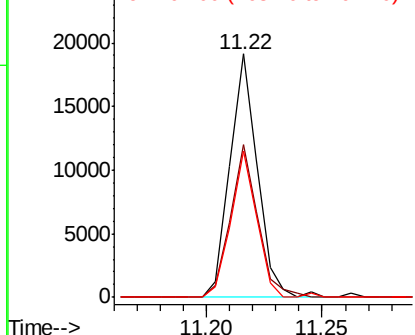
#70
 Pentachlorophenol
 Concen: 4.013 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. -0.00 min
 Lab File: BF111663.D
 Acq: 21 Dec 2018 2:32

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS025-1218-01MS

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.0	47.9	71.9
264	60.4	49.1	73.7

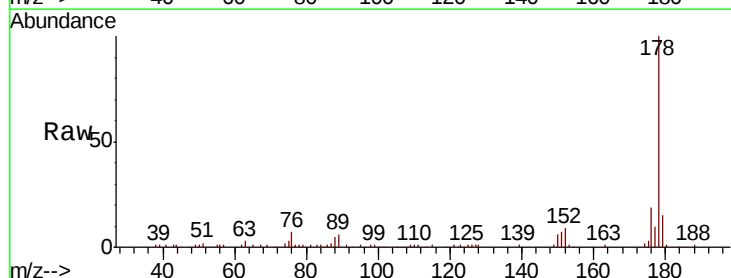


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

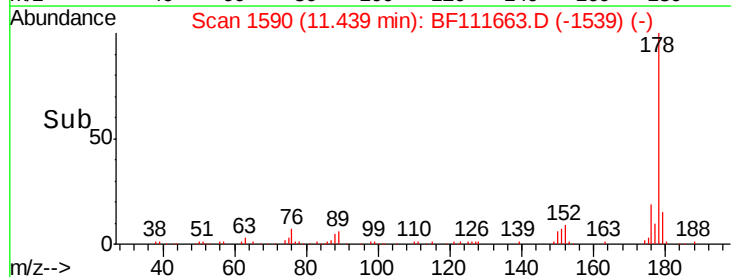
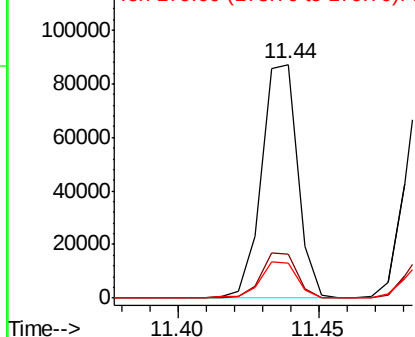


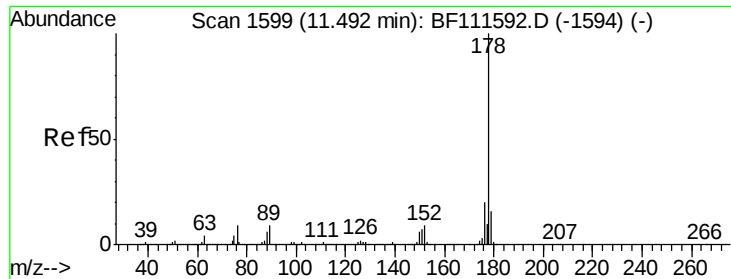
#71
 Phenanthrene
 Concen: 3.166 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.00 min
 Lab File: BF111663.D
 Acq: 21 Dec 2018 2:32

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	18.1	27.1
179	15.2	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: 3.067 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF111663.D

Acq: 21 Dec 2018 2:32

Instrument :

BNA_F

ClientSampleId :

P001-SS025-1218-01MS

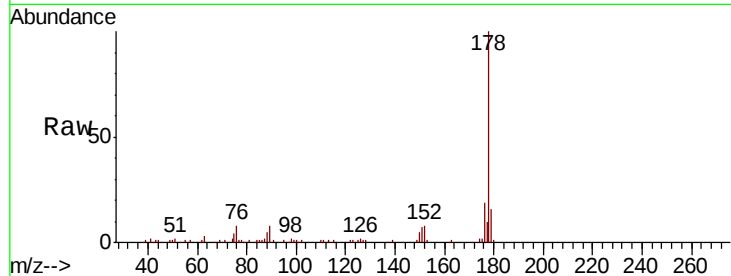
Tgt Ion:178 Resp: 75478

Ion Ratio Lower Upper

178 100

176 18.8 17.2 25.8

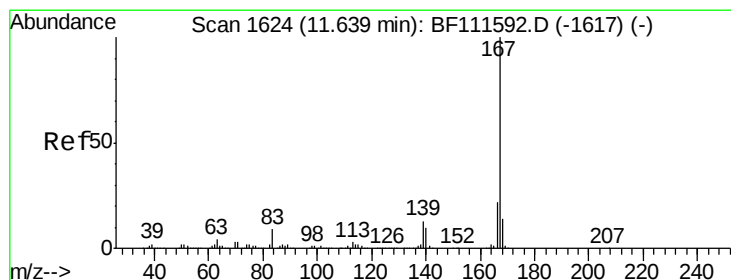
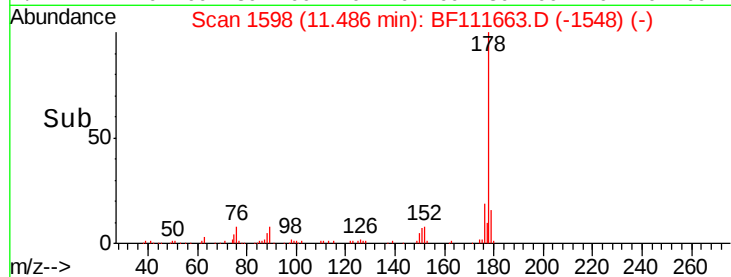
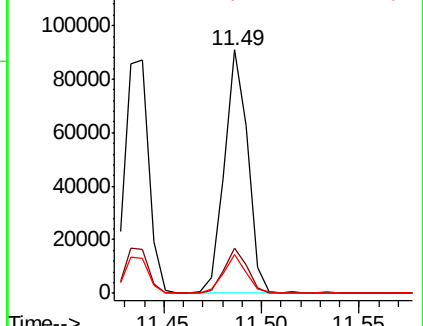
179 15.9 13.8 20.8



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: 2.772 ng

RT: 11.63 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BF111663.D

Acq: 21 Dec 2018 2:32

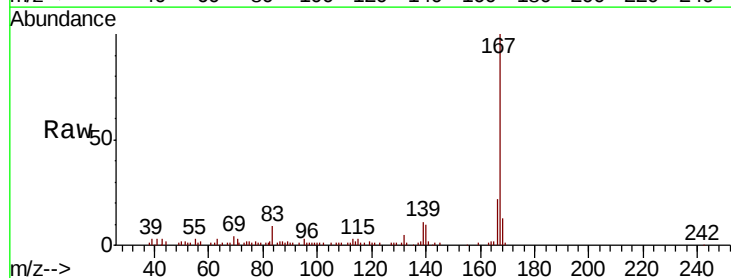
Tgt Ion:167 Resp: 66233

Ion Ratio Lower Upper

167 100

166 22.1 19.3 28.9

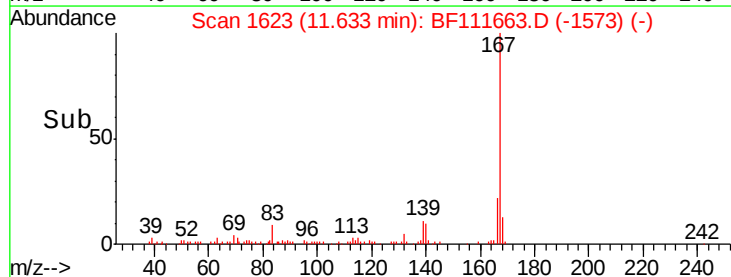
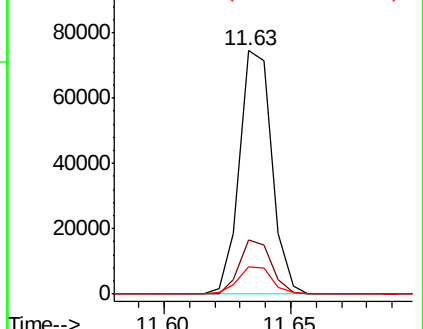
139 11.4 11.9 17.9#

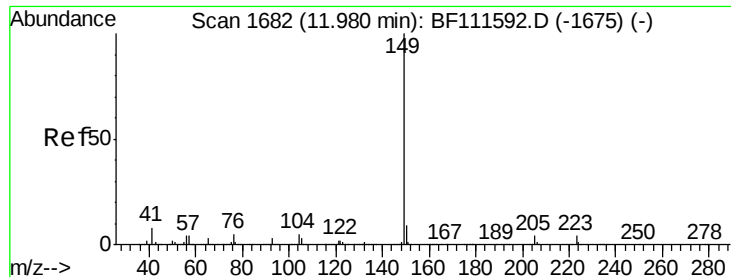


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 2.853 ng

RT: 11.97 min Scan# 1681

Delta R.T. -0.01 min

Lab File: BF111663.D

Acq: 21 Dec 2018 2:32

Instrument :

BNA_F

ClientSampleId :

P001-SS025-1218-01MS

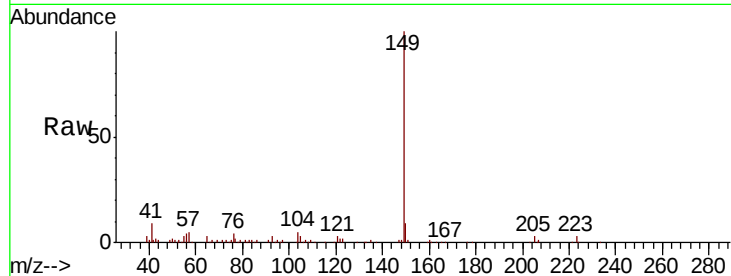
Tgt Ion:149 Resp: 76442

Ion Ratio Lower Upper

149 100

150 9.1 8.8 13.2

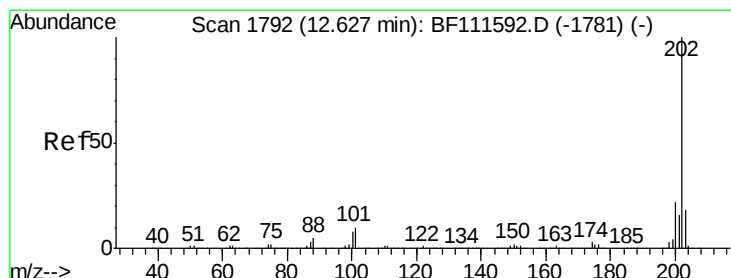
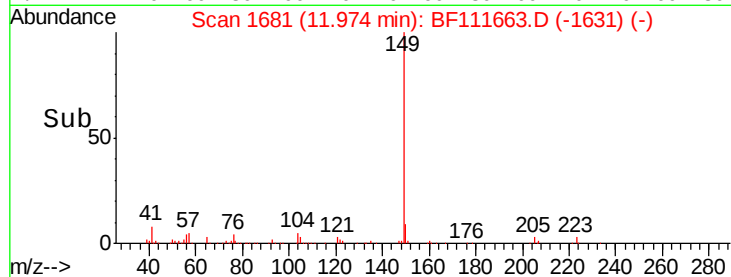
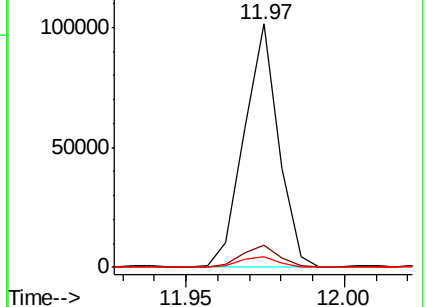
104 4.6 4.5 6.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 3.129 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF111663.D

Acq: 21 Dec 2018 2:32

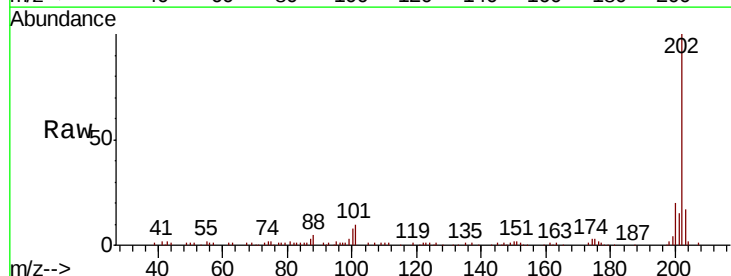
Tgt Ion:202 Resp: 77677

Ion Ratio Lower Upper

202 100

101 9.8 0.0 33.8

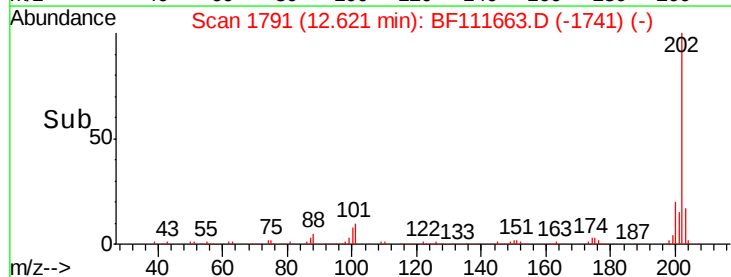
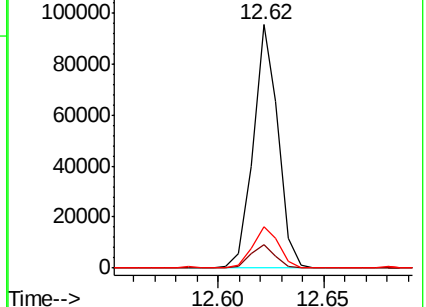
203 17.0 0.0 38.6

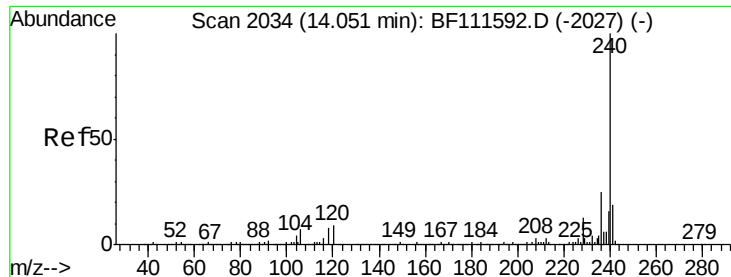


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF111663.D

Acq: 21 Dec 2018 2:32

Instrument :

BNA_F

ClientSampleId :

P001-SS025-1218-01MS

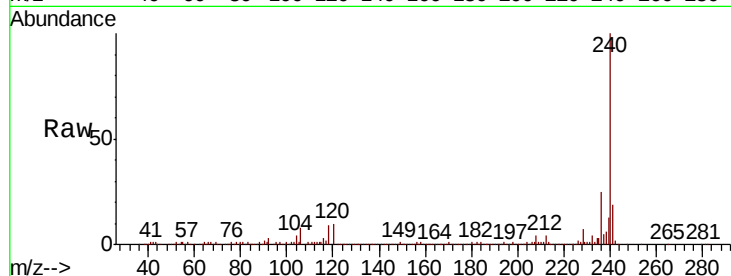
Tgt Ion:240 Resp: 472155

Ion Ratio Lower Upper

240 100

120 10.3 12.2 18.2#

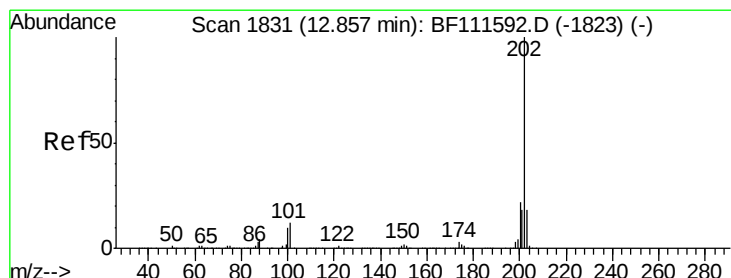
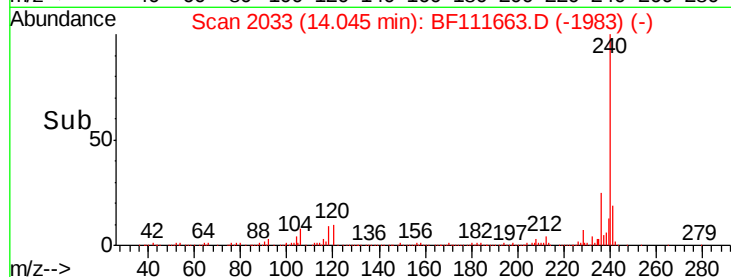
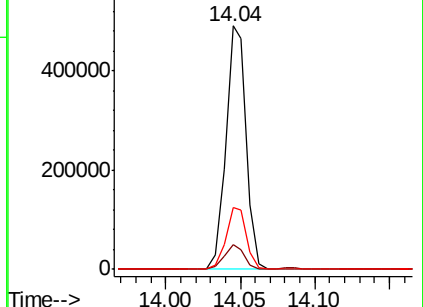
236 25.4 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Pyrene

Concen: 2.474 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF111663.D

Acq: 21 Dec 2018 2:32

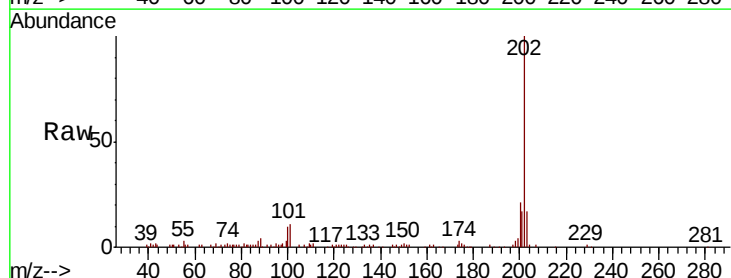
Tgt Ion:202 Resp: 82480

Ion Ratio Lower Upper

202 100

200 20.6 19.0 28.4

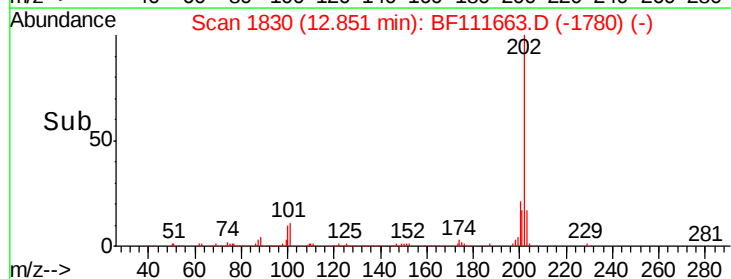
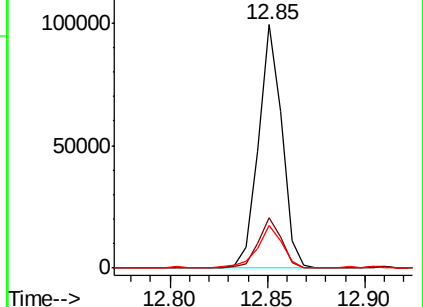
203 17.3 15.2 22.8

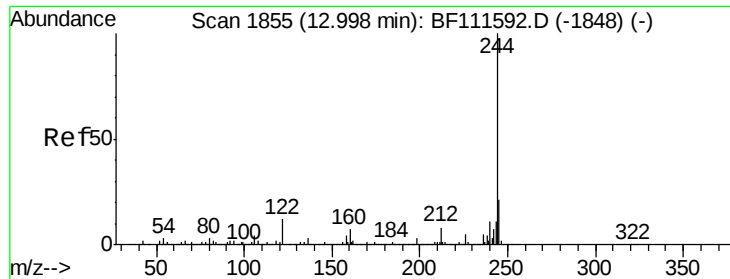


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 4.832 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF111663.D

Acq: 21 Dec 2018 2:32

Instrument :

BNA_F

ClientSampleId :

P001-SS025-1218-01MS

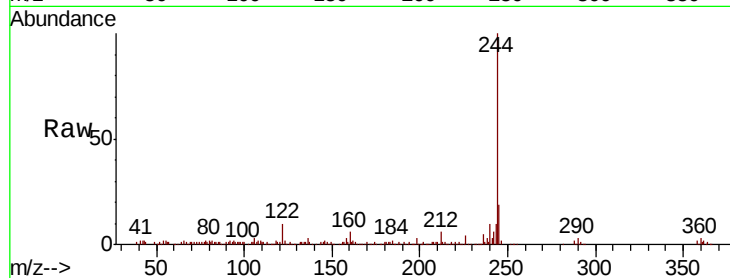
Tgt Ion:244 Resp: 120299

Ion Ratio Lower Upper

244 100

212 5.7 5.7 8.5

122 10.5 13.1 19.7#

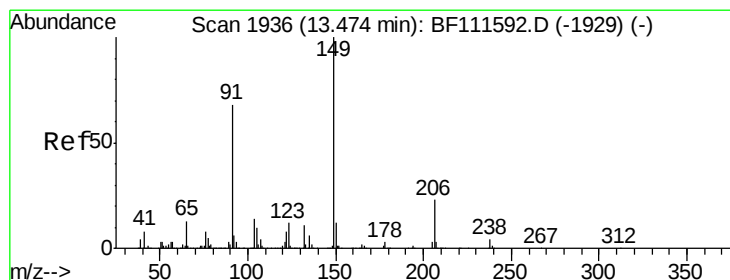
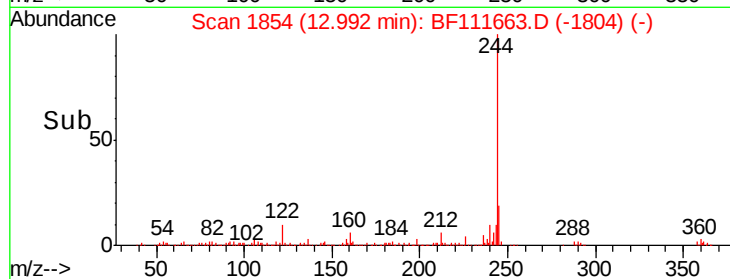
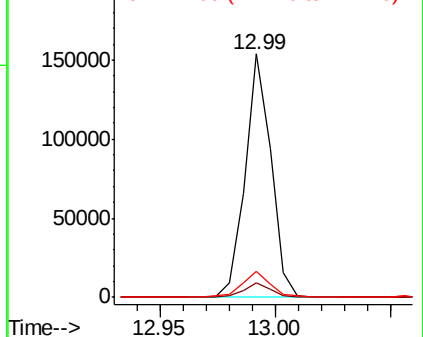


Abundance

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: 2.447 ng

RT: 13.47 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BF111663.D

Acq: 21 Dec 2018 2:32

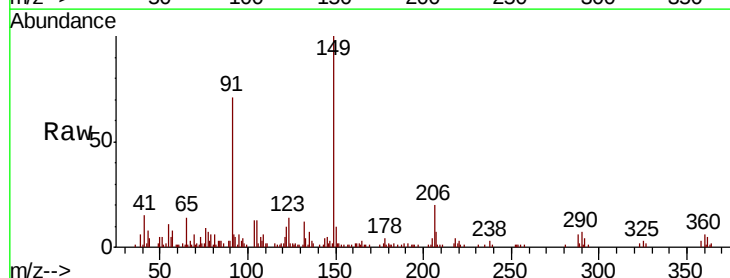
Tgt Ion:149 Resp: 33256

Ion Ratio Lower Upper

149 100

91 70.5 63.8 95.6

206 19.8 15.1 22.7

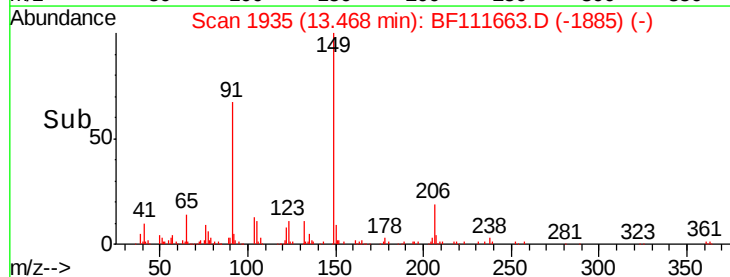
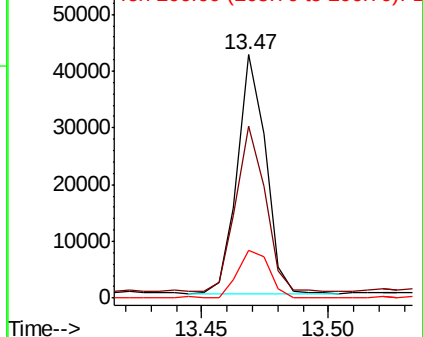


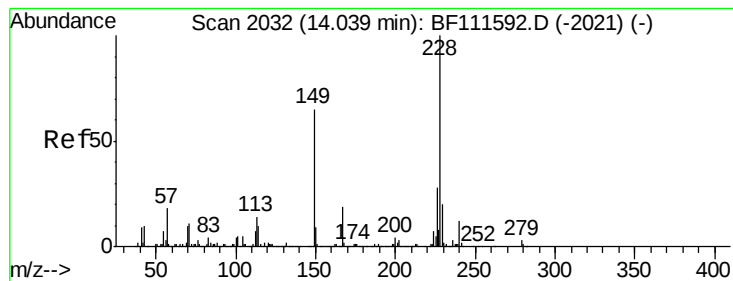
Abundance

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: 2.991 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.00 min

Lab File: BF111663.D

Acq: 21 Dec 2018 2:32

Instrument :

BNA_F

ClientSampleId :

P001-SS025-1218-01MS

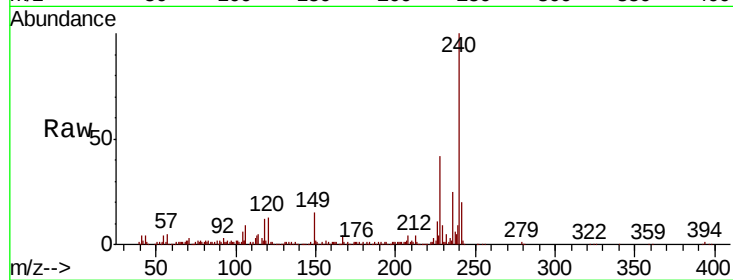
Tgt Ion:228 Resp: 80608

Ion Ratio Lower Upper

228 100

226 27.2 22.6 34.0

229 20.7 16.3 24.5

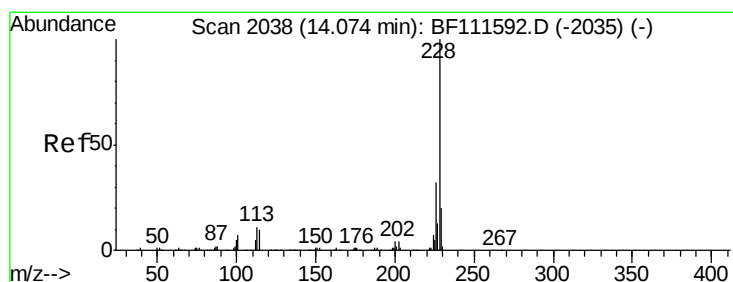
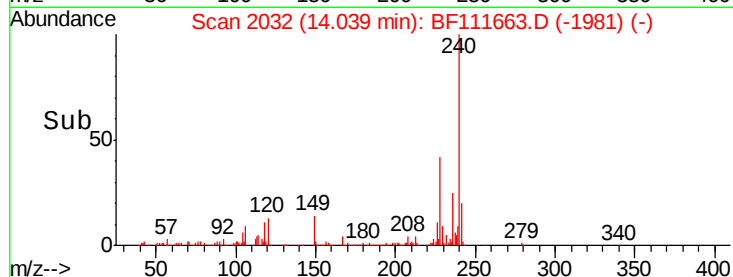
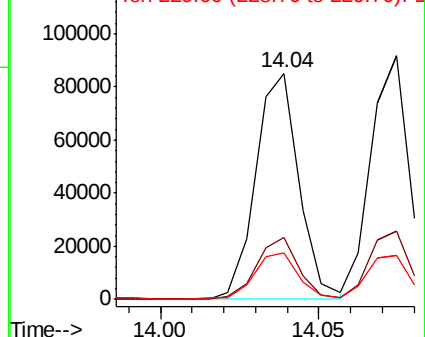


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Chrysene

Concen: 2.918 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.00 min

Lab File: BF111663.D

Acq: 21 Dec 2018 2:32

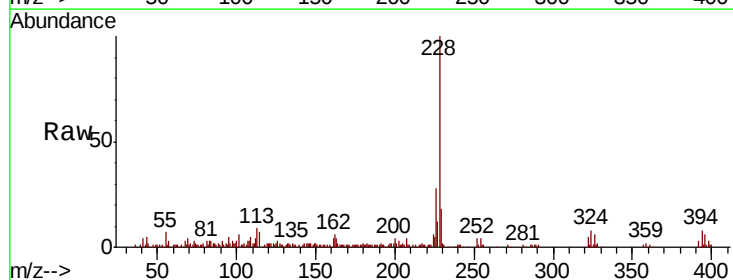
Tgt Ion:228 Resp: 77275

Ion Ratio Lower Upper

228 100

226 27.8 25.3 37.9

229 18.2 17.2 25.8

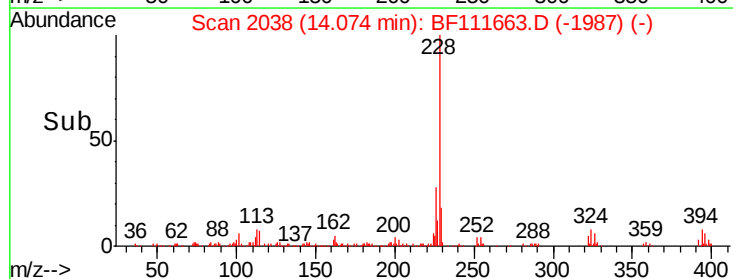
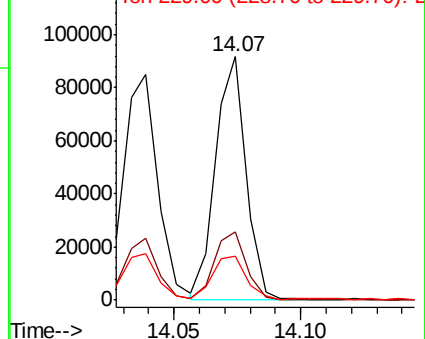


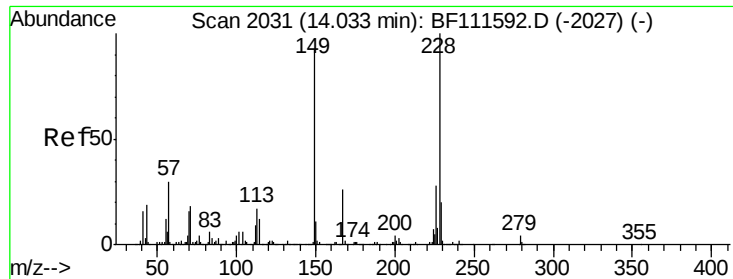
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

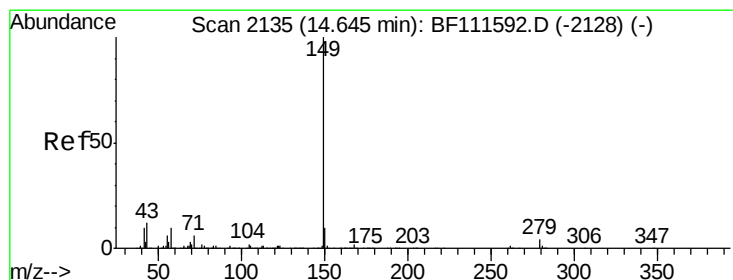
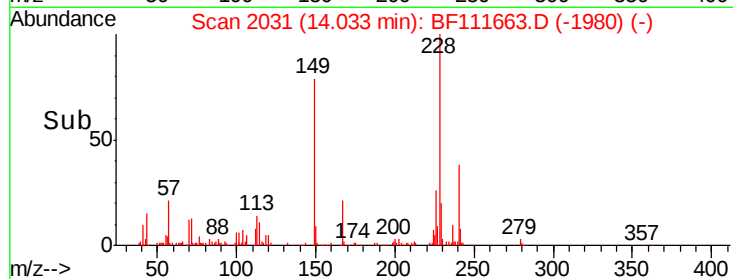
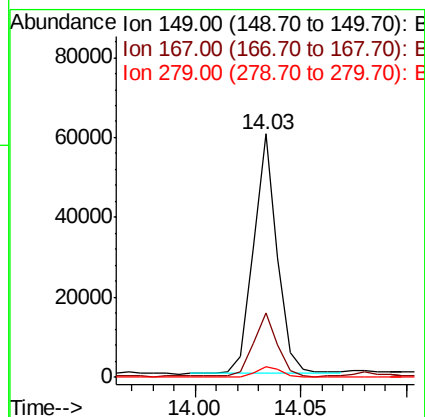
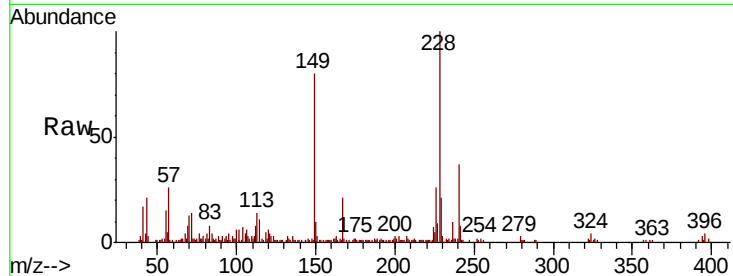




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.745 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.00 min
 Lab File: BF111663.D
 Acq: 21 Dec 2018 2:32

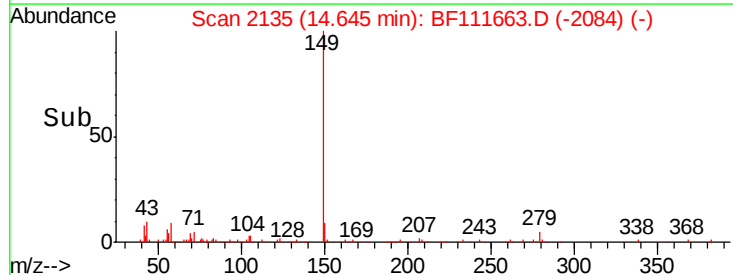
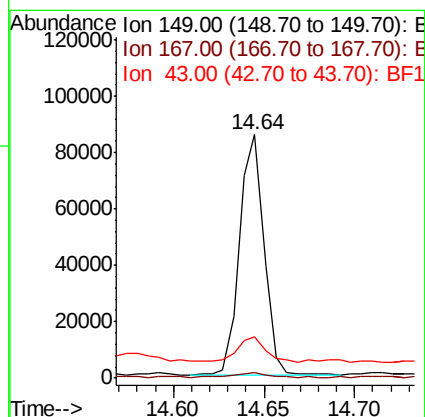
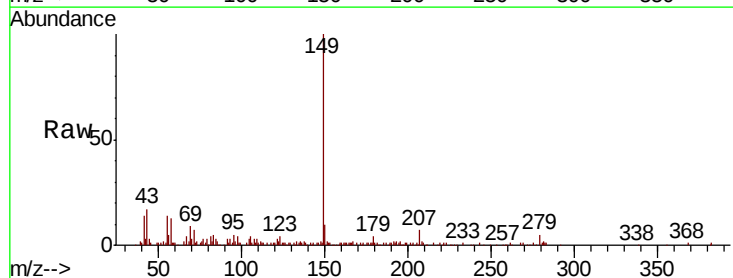
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS025-1218-01MS

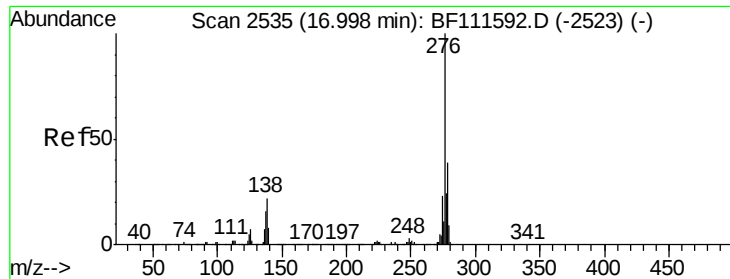
Tgt Ion:149 Resp: 46990
 Ion Ratio Lower Upper
 149 100
 167 26.4 22.5 33.7
 279 4.2 2.6 4.0#



#85
 Di-n-octyl phthalate
 Concen: 3.018 ng
 RT: 14.64 min Scan# 2135
 Delta R.T. -0.00 min
 Lab File: BF111663.D
 Acq: 21 Dec 2018 2:32

Tgt Ion:149 Resp: 80055
 Ion Ratio Lower Upper
 149 100
 167 3.7 1.3 1.9#
 43 12.1 10.9 16.3

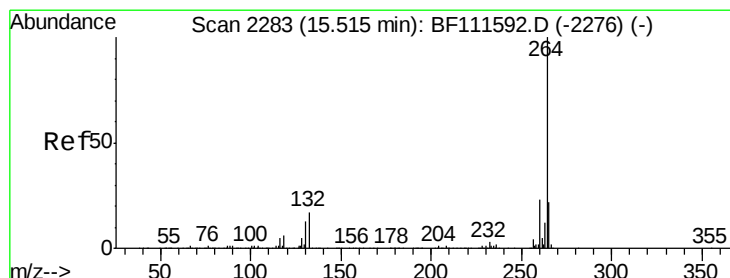
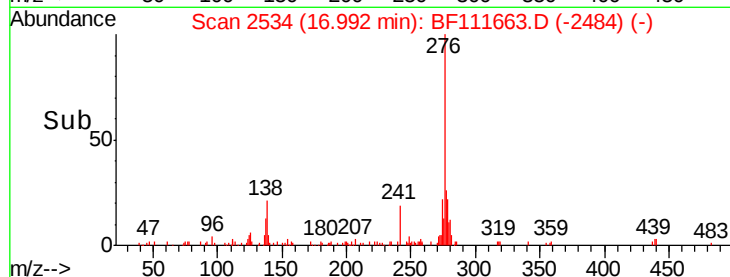
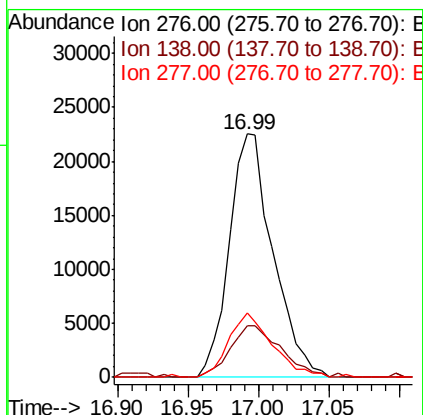
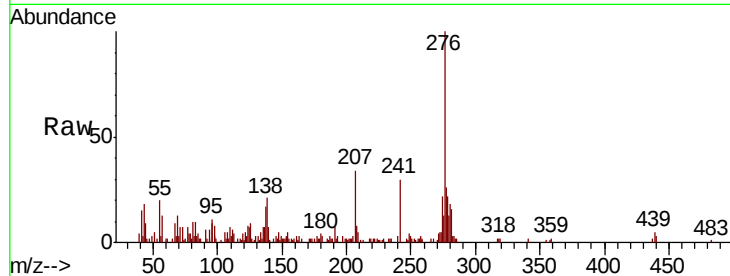




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 2.164 ng
 RT: 16.99 min Scan# 2534
 Delta R.T. -0.01 min
 Lab File: BF111663.D
 Acq: 21 Dec 2018 2:32

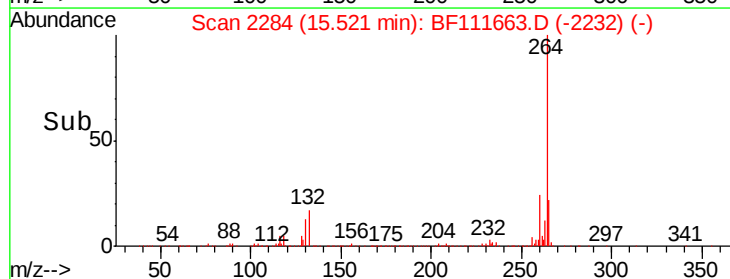
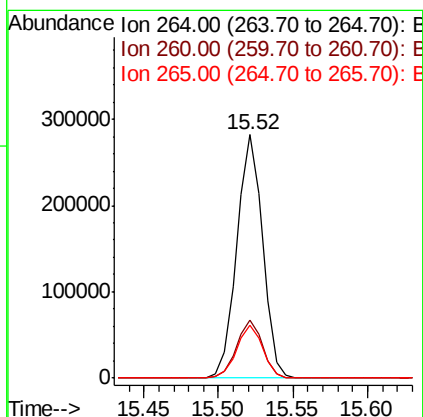
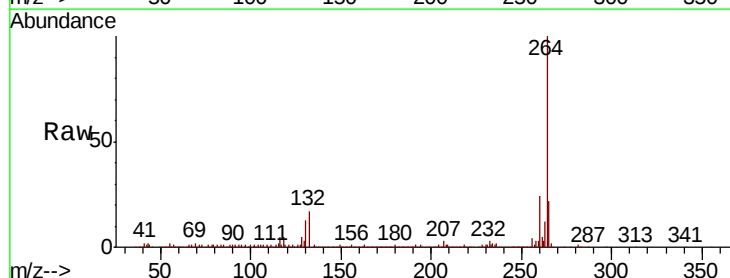
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS025-1218-01MS

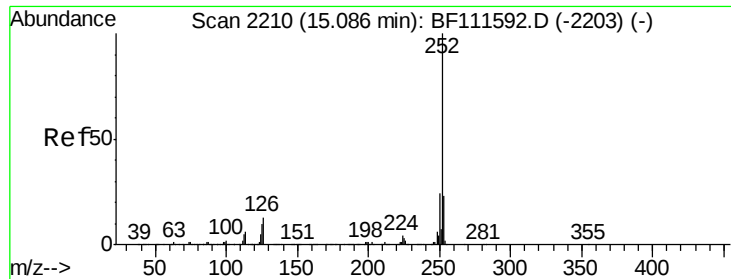
Tgt Ion: 276 Resp: 48717
 Ion Ratio Lower Upper
 276 100
 138 24.9 27.8 41.6#
 277 26.3 20.1 30.1



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2284
 Delta R.T. 0.01 min
 Lab File: BF111663.D
 Acq: 21 Dec 2018 2:32

Tgt Ion: 264 Resp: 341195
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.3 27.5
 265 21.8 17.7 26.5

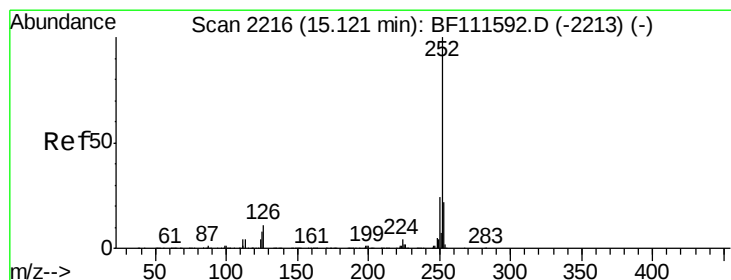
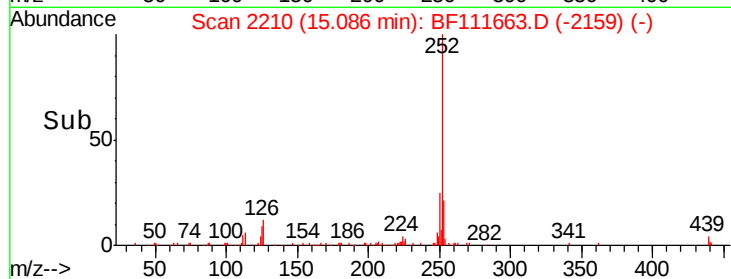
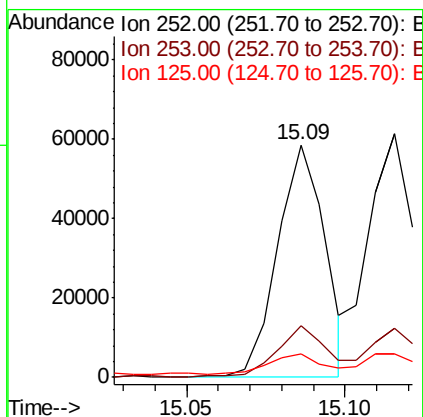
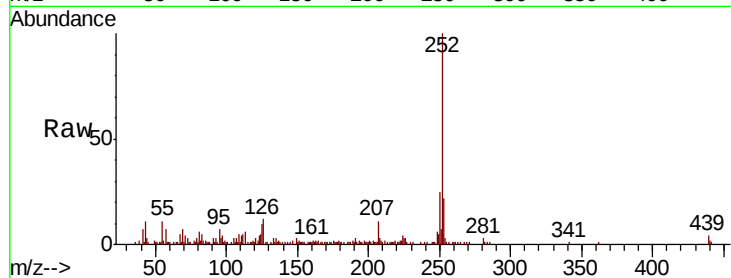




#88
Benzo(b)fluoranthene
Concen: 3.075 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.00 min
Lab File: BF111663.D
Acq: 21 Dec 2018 2:32

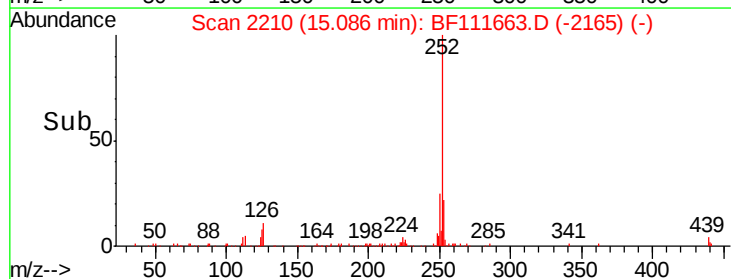
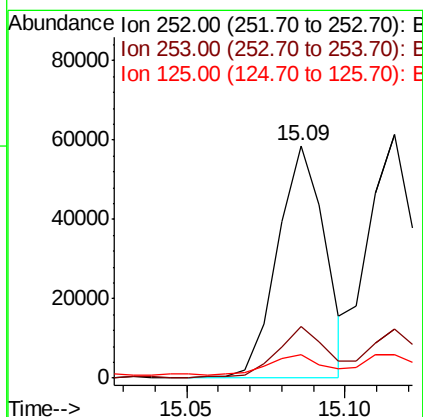
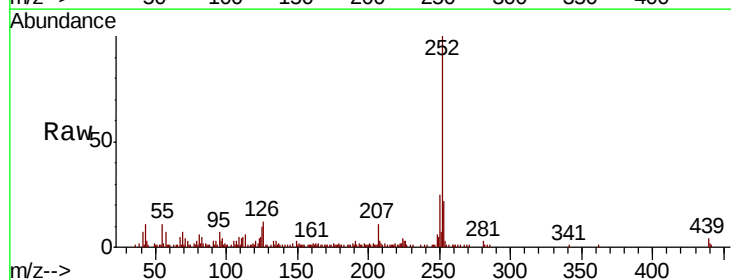
Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MS

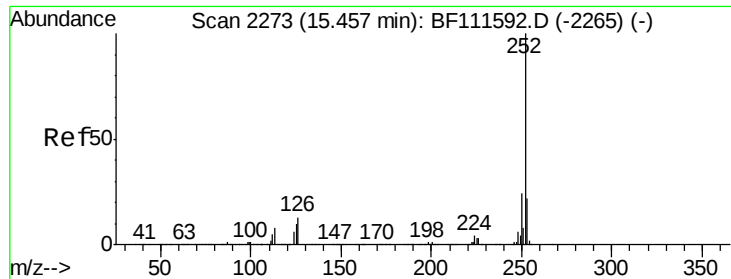
Tgt Ion:252 Resp: 61319
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.2
125 10.3 10.4 15.6#



#89
Benzo(k)fluoranthene
Concen: 3.230 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.04 min
Lab File: BF111663.D
Acq: 21 Dec 2018 2:32

Tgt Ion:252 Resp: 61319
Ion Ratio Lower Upper
252 100
253 22.4 18.1 27.1
125 10.3 9.8 14.8





#90

Benzo(a)pyrene

Concen: 3.016 ng

RT: 15.46 min Scan# 2273

Delta R.T. -0.00 min

Lab File: BF111663.D

Acq: 21 Dec 2018 2:32

Instrument :

BNA_F

ClientSampleId :

P001-SS025-1218-01MS

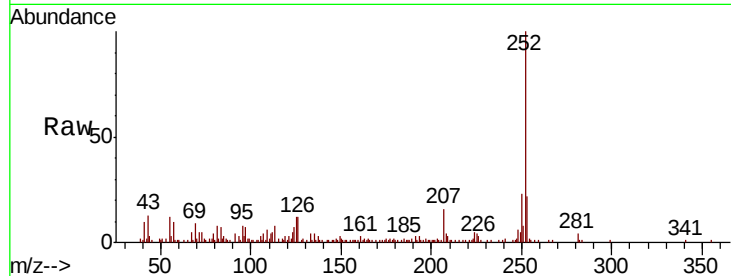
Tgt Ion:252 Resp: 54641

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

125 11.5 12.3 18.5#

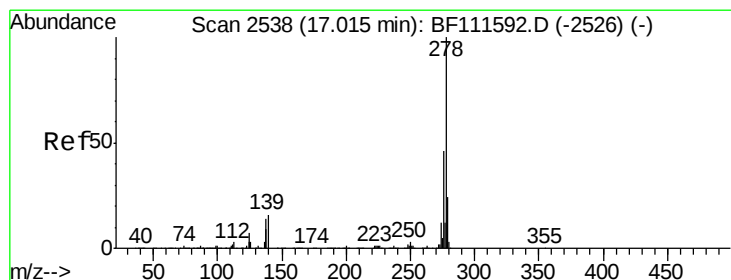
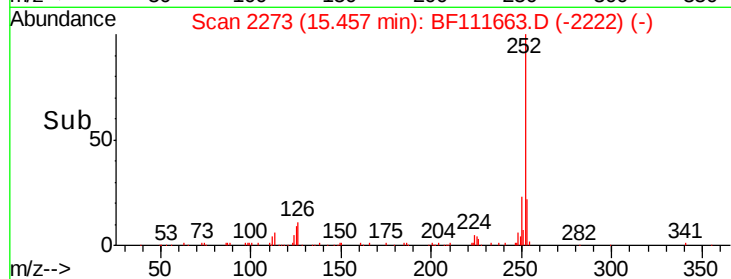
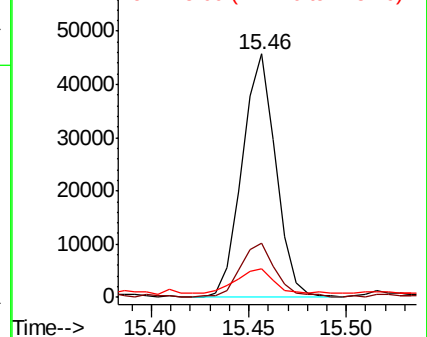


Abundance

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: 2.534 ng

RT: 17.02 min Scan# 2538

Delta R.T. -0.00 min

Lab File: BF111663.D

Acq: 21 Dec 2018 2:32

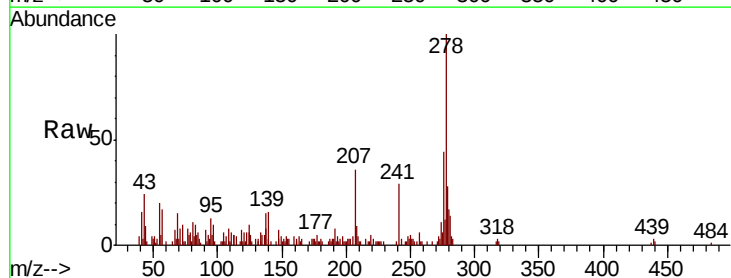
Tgt Ion:278 Resp: 40198

Ion Ratio Lower Upper

278 100

139 19.0 18.2 27.4

279 28.0 19.0 28.6

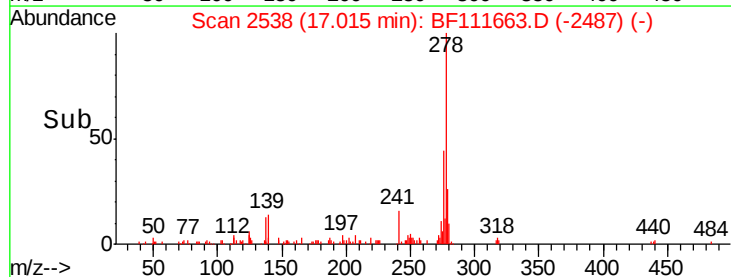
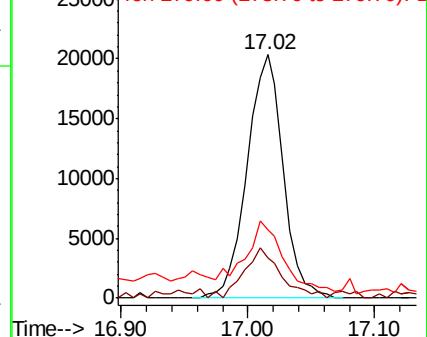


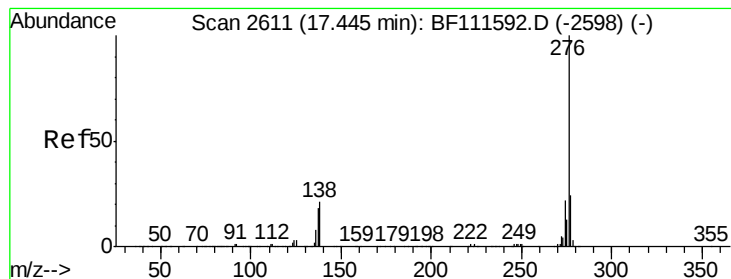
Abundance

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: 2.483 ng

RT: 17.44 min Scan# 2610

Delta R.T. -0.01 min

Lab File: BF111663.D

Acq: 21 Dec 2018 2:32

Instrument :

BNA_F

ClientSampleId :

P001-SS025-1218-01MS

Tgt Ion: 276 Resp: 38471

Ion Ratio Lower Upper

276 100

277 24.7 19.2 28.8

138 21.3 24.9 37.3#

