

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122718\
 Data File : BF111754.D
 Acq On : 27 Dec 2018 11:19
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Quant Time: Dec 28 00:11:26 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	167969	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	625162	20.00	ng	0.00
39) Acenaphthene-d10	9.95	164	319698	20.00	ng	0.01
64) Phenanthrene-d10	11.43	188	593631	20.00	ng	0.01
76) Chrysene-d12	14.07	240	402002	20.00	ng	0.02
87) Perylene-d12	15.55	264	331527	20.00	ng	0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	769237	78.06	ng	0.02
7) Phenol-d6	6.55	99	982943	78.38	ng	0.02
23) Nitrobenzene-d5	7.47	82	946349	88.11	ng	0.01
42) 2,4,6-Tribromophenol	10.73	330	328282	86.91	ng	0.01
45) 2-Fluorobiphenyl	9.26	172	1758390	80.17	ng	0.00
79) Terphenyl-d14	13.02	244	1828951	86.28	ng	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.71	88	162356	35.018	ng	95
3) Pyridine	3.47	79	441232	36.529	ng	96
4) n-Nitrosodimethylamine	3.42	42	221715	37.506	ng	# 83
6) Aniline	6.57	93	601155	37.605	ng	96
8) 2-Chlorophenol	6.70	128	440831	40.384	ng	96
9) Benzaldehyde	6.45	77	317039	36.757	ng	95
10) Phenol	6.56	94	540355	38.187	ng	# 67
11) bis(2-Chloroethyl)ether	6.64	93	415473	39.183	ng	99
12) 1,3-Dichlorobenzene	6.85	146	512098	40.480	ng	99
13) 1,4-Dichlorobenzene	6.92	146	518532	40.416	ng	98
14) 1,2-Dichlorobenzene	7.08	146	484821	40.503	ng	96
15) Benzyl Alcohol	7.05	79	400415	40.202	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.18	45	698034	35.744	ng	97
17) 2-Methylphenol	7.16	107	340927	39.004	ng	# 93
18) Hexachloroethane	7.42	117	183162	42.366	ng	# 84
19) n-Nitroso-di-n-propylamine	7.32	70	316097	37.953	ng	98
20) 3+4-Methylphenols	7.32	107	431462	39.066	ng	97
22) Acetophenone	7.31	105	621246	39.226	ng	# 97
24) Nitrobenzene	7.49	77	475635	42.254	ng	99
25) Isophorone	7.72	82	741322	38.880	ng	97
26) 2-Nitrophenol	7.80	139	240468	52.673	ng	94
27) 2,4-Dimethylphenol	7.85	122	343956	38.219	ng	96
28) bis(2-Chloroethoxy)methane	7.93	93	496546	39.135	ng	99
29) 2,4-Dichlorophenol	8.05	162	391151	40.409	ng	94
30) 1,2,4-Trichlorobenzene	8.13	180	437627	40.571	ng	98
31) Naphthalene	8.21	128	1205794	40.142	ng	97
32) Benzoic acid	7.95	122	178991	30.081	ng	95
33) 4-Chloroaniline	8.26	127	522222	40.223	ng	98
34) Hexachlorobutadiene	8.33	225	271691	41.327	ng	99
35) Caprolactam	8.63	113	125904	38.385	ng	97
36) 4-Chloro-3-methylphenol	8.74	107	390300	41.018	ng	98
37) 2-Methylnaphthalene	8.90	142	788370	40.340	ng	98
38) 1-Methylnaphthalene	9.00	142	760370	40.511	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.07	216	432594	41.179	ng	# 97

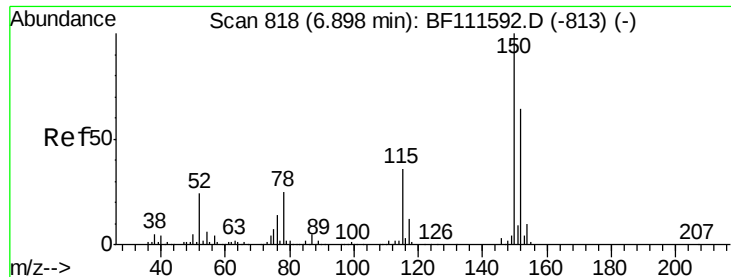
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122718\
 Data File : BF111754.D
 Acq On : 27 Dec 2018 11:19
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 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	237799	46.647	ng	100
43) 2,4,6-Trichlorophenol	9.18	196	287561	40.999	ng	99
44) 2,4,5-Trichlorophenol	9.22	196	296278	41.176	ng	94
46) 1,1'-Biphenyl	9.36	154	1093916	40.534	ng	95
47) 2-Chloronaphthalene	9.39	162	854977	39.986	ng	94
48) 2-Nitroaniline	9.48	65	263022	47.285	ng	99
49) Acenaphthylene	9.81	152	1246570	39.930	ng	95
50) Dimethylphthalate	9.66	163	946912	40.503	ng	98
51) 2,6-Dinitrotoluene	9.72	165	216207	46.380	ng	92
52) Acenaphthene	9.98	154	787918	40.921	ng	99
53) 3-Nitroaniline	9.89	138	233040	46.874	ng	99
54) 2,4-Dinitrophenol	9.99	184	79151	55.382	ng	96
55) Dibenzofuran	10.15	168	1162034	39.947	ng	95
56) 4-Nitrophenol	10.06	139	169745	44.739	ng	90
57) 2,4-Dinitrotoluene	10.12	165	282021	50.337	ng	# 95
58) Fluorene	10.49	166	841192	40.130	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.27	232	245924	40.612	ng	90
60) Diethylphthalate	10.36	149	910265	39.693	ng	99
61) 4-Chlorophenyl-phenylether	10.48	204	473398	40.877	ng	95
62) 4-Nitroaniline	10.50	138	225571	46.682	ng	87
63) Azobenzene	10.64	77	902246	39.189	ng	96
65) 4,6-Dinitro-2-methylphenol	10.53	198	134670	53.930	ng	90
66) n-Nitrosodiphenylamine	10.60	169	808469	40.571	ng	98
67) 4-Bromophenyl-phenylether	10.97	248	300510	40.814	ng	# 89
68) Hexachlorobenzene	11.05	284	336888	41.036	ng	96
69) Atrazine	11.13	200	277321	40.059	ng	96
70) Pentachlorophenol	11.24	266	198485	39.109	ng	98
71) Phenanthrene	11.46	178	1258856	39.986	ng	95
72) Anthracene	11.51	178	1263327	39.978	ng	95
73) Carbazole	11.66	167	1216946	39.666	ng	96
74) Di-n-butylphthalate	11.99	149	1355065	39.394	ng	96
75) Fluoranthene	12.64	202	1233285	38.685	ng	93
77) Benzidine	12.76	184	596690	39.445	ng	98
78) Pyrene	12.87	202	1246862	43.921	ng	96
80) Butylbenzylphthalate	13.48	149	492705	42.578	ng	93
81) Benzo(a)anthracene	14.06	228	946552	41.258	ng	99
82) 3,3'-Dichlorobenzidine	14.02	252	365788	40.354	ng	# 97
83) Chrysene	14.10	228	901080	39.962	ng	98
84) Bis(2-ethylhexyl)phthalate	14.04	149	627836	43.073	ng	97
85) Di-n-octyl phthalate	14.66	149	905442	40.093	ng	95
86) Indeno(1,2,3-cd)pyrene	17.06	276	789555	41.190	ng	# 87
88) Benzo(b)fluoranthene	15.12	252	785684	40.550	ng	# 96
89) Benzo(k)fluoranthene	15.15	252	720105	39.038	ng	# 95
90) Benzo(a)pyrene	15.49	252	708279	40.236	ng	# 94
91) Dibenzo(a,h)anthracene	17.07	278	665909	43.200	ng	# 90
92) Benzo(g,h,i)perylene	17.52	276	645415	42.879	ng	# 87

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

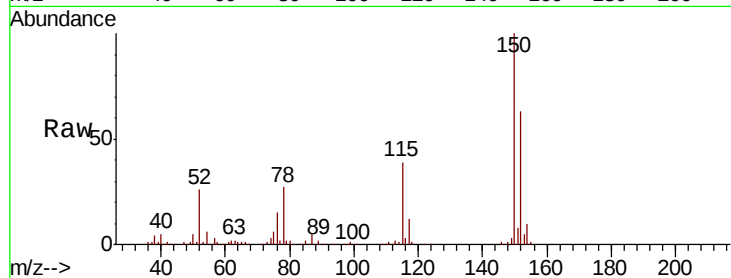


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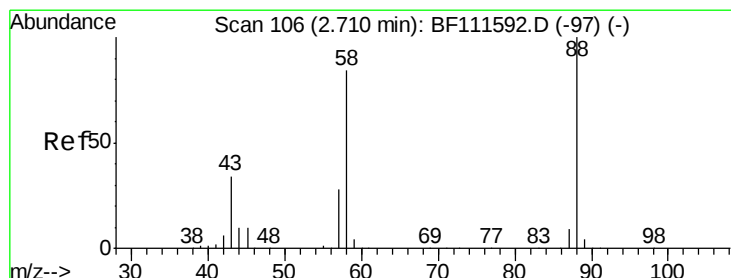
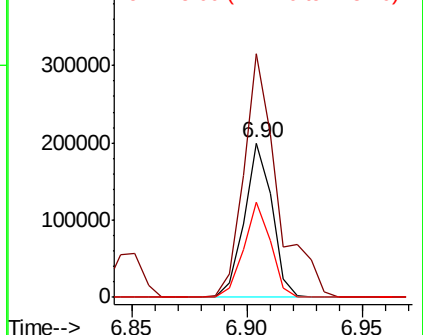
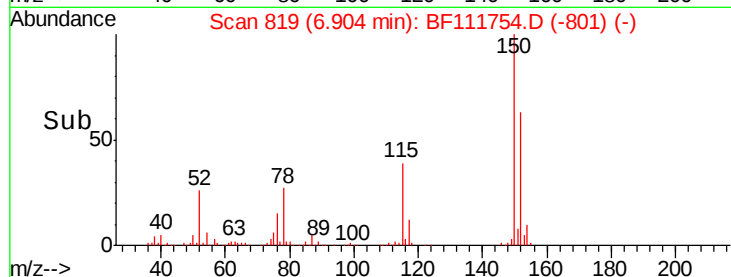
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111754.D
Acq: 27 Dec 2018 11:19

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:152 Resp: 167969
Ion Ratio Lower Upper
152 100
150 157.6 126.6 189.8
115 61.5 50.7 76.1



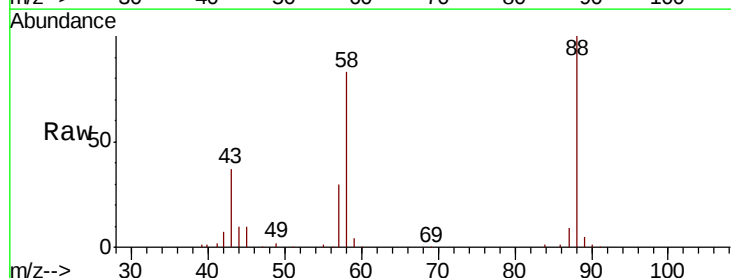
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



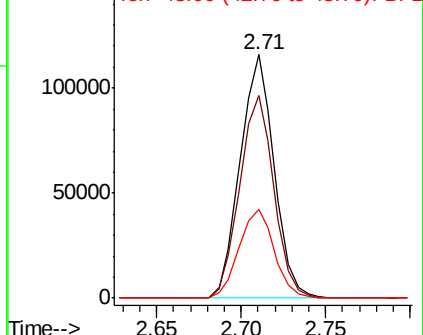
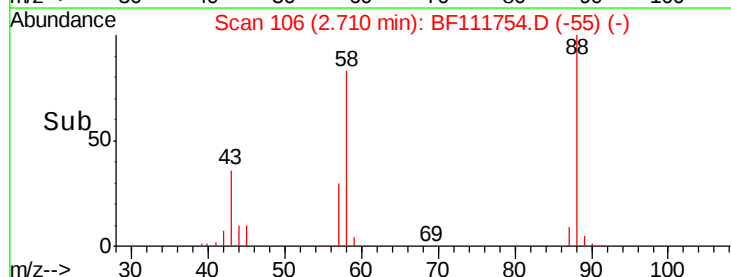
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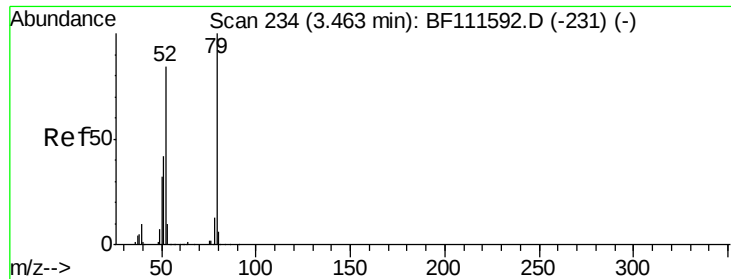
1,4-Dioxane
Concen: 35.018 ng
RT: 2.71 min Scan# 106
Delta R.T. -0.00 min
Lab File: BF111754.D
Acq: 27 Dec 2018 11:19

Tgt Ion: 88 Resp: 162356
Ion Ratio Lower Upper
88 100
58 83.5 68.9 103.3
43 38.0 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: 36.529 ng

RT: 3.47 min Scan# 236

Delta R.T. 0.01 min

Lab File: BF111754.D

Acq: 27 Dec 2018 11:19

Instrument :

BNA_F

ClientSampleId :

DFTPP

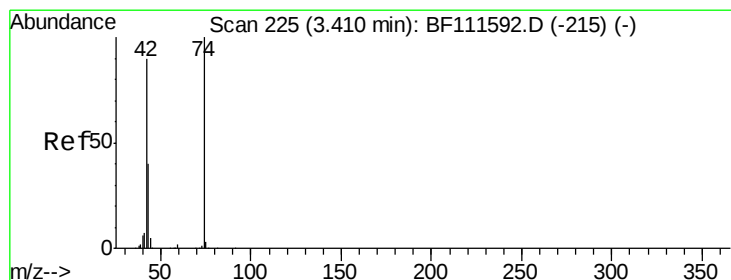
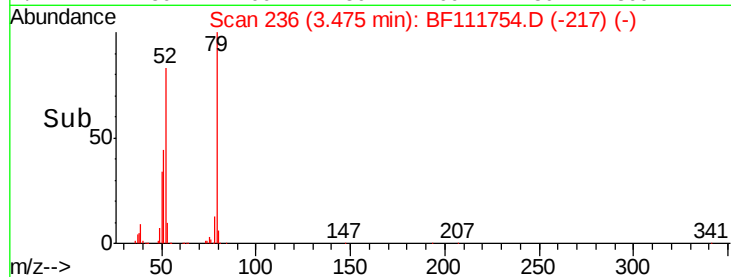
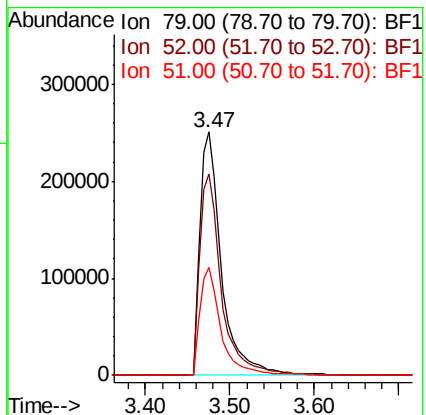
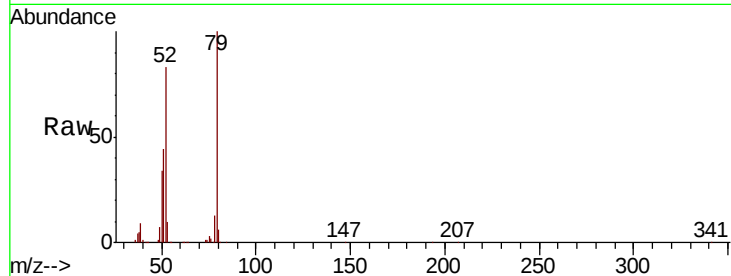
Tgt Ion: 79 Resp: 441232

Ion Ratio Lower Upper

79 100

52 83.0 68.3 102.5

51 44.4 32.6 49.0



#4

n-Nitrosodimethylamine

Concen: 37.506 ng

RT: 3.42 min Scan# 227

Delta R.T. 0.01 min

Lab File: BF111754.D

Acq: 27 Dec 2018 11:19

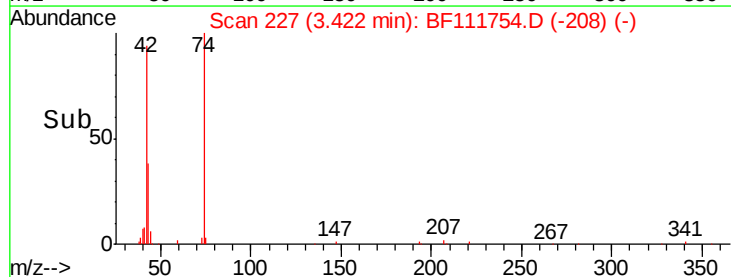
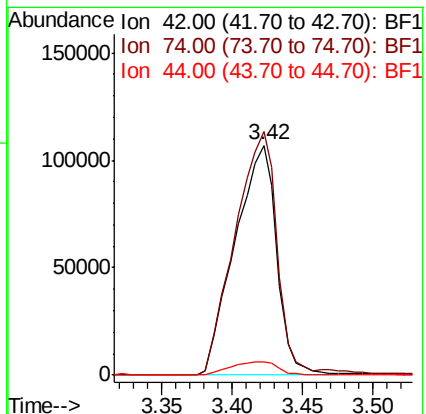
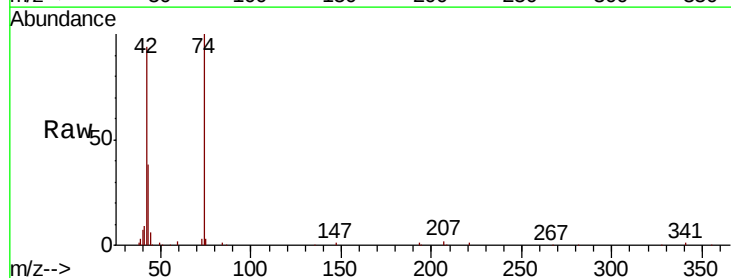
Tgt Ion: 42 Resp: 221715

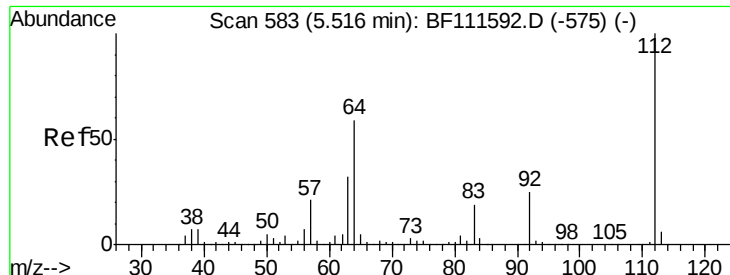
Ion Ratio Lower Upper

42 100

74 106.0 101.5 152.3

44 5.9 6.0 9.0#





#5

2-Fluorophenol

Concen: 78.061 ng

RT: 5.54 min Scan# 587

Delta R.T. 0.02 min

Lab File: BF111754.D

Acq: 27 Dec 2018 11:19

Instrument :

BNA_F

ClientSampleId :

DFTPP

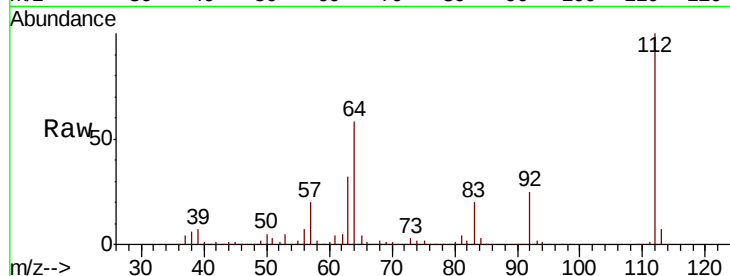
Tgt Ion: 112 Resp: 769237

Ion Ratio Lower Upper

112 100

64 58.1 51.8 77.6

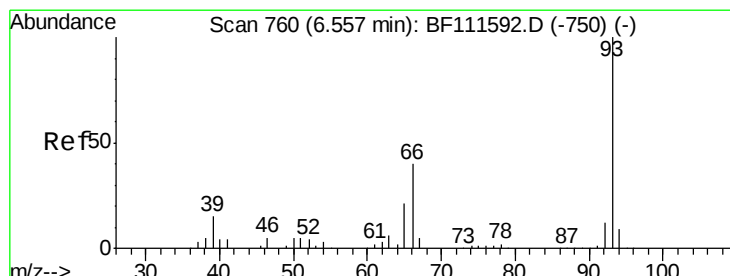
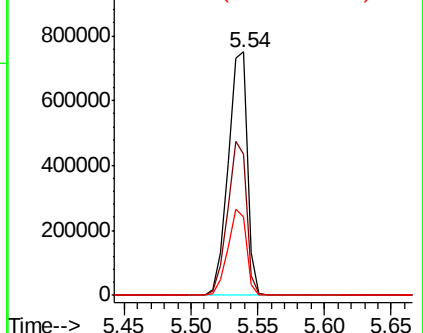
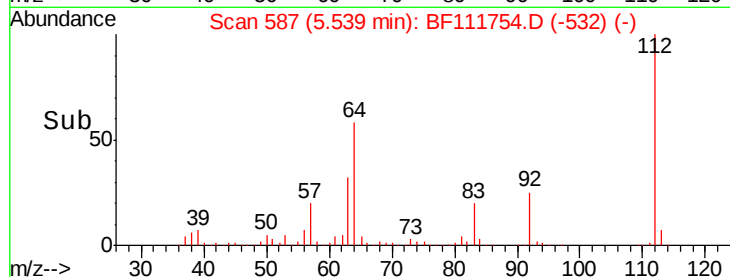
63 32.1 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 37.605 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.01 min

Lab File: BF111754.D

Acq: 27 Dec 2018 11:19

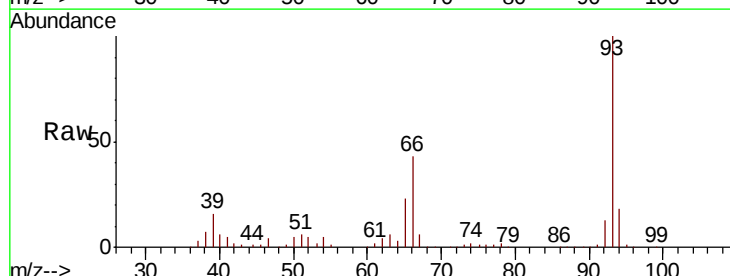
Tgt Ion: 93 Resp: 601155

Ion Ratio Lower Upper

93 100

66 43.5 33.2 49.8

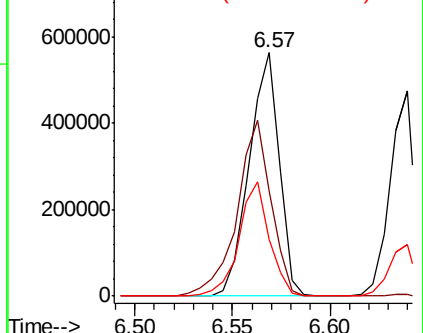
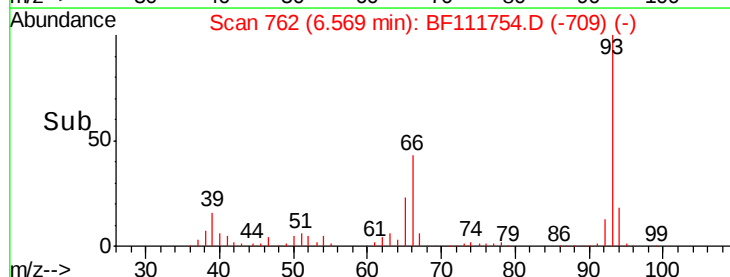
65 23.3 17.0 25.4

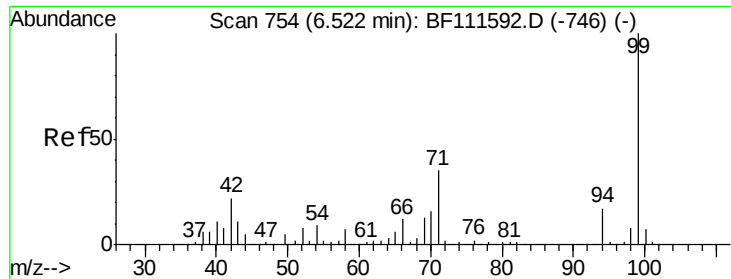


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

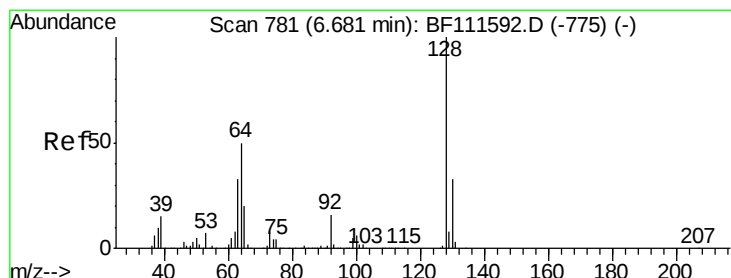
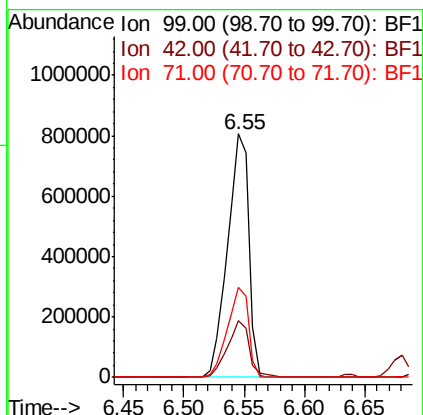
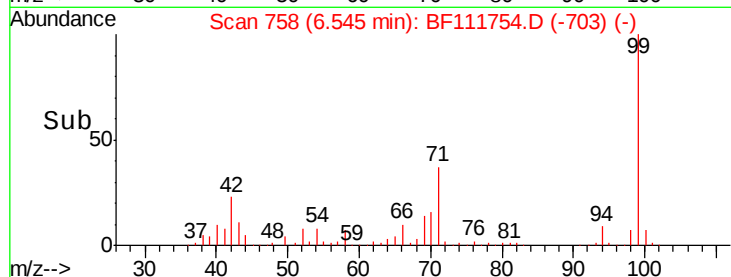
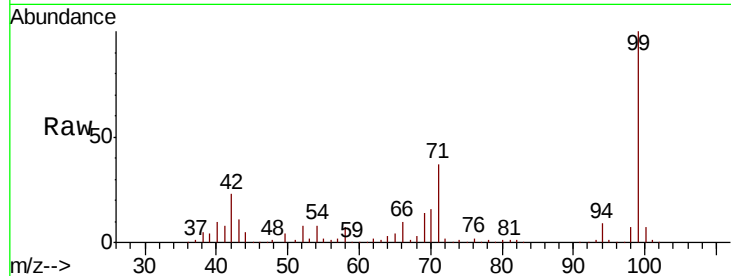




#7
Phenol-d6
Concen: 78.378 ng
RT: 6.55 min Scan# 758
Delta R.T. 0.02 min
Lab File: BF111754.D
Acq: 27 Dec 2018 11:19

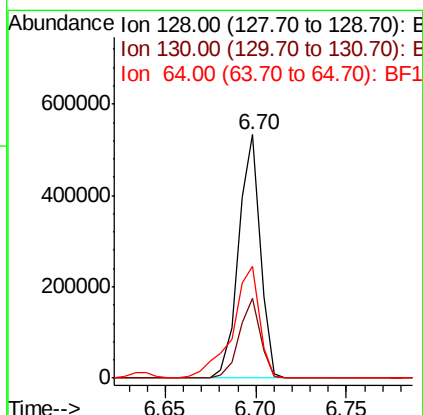
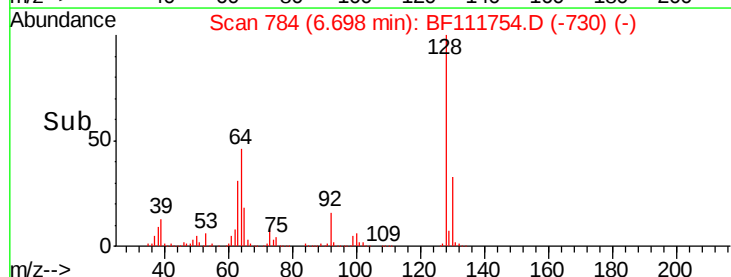
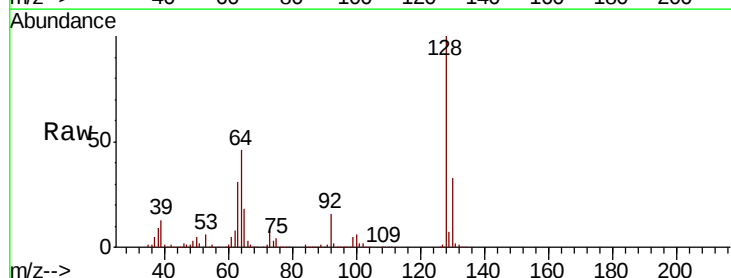
Instrument :
BNA_F
ClientSampleId :
DFTPP

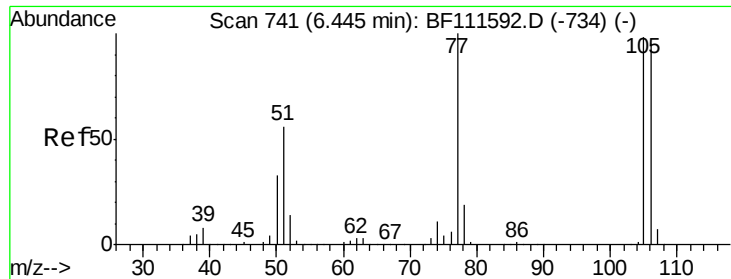
Tgt Ion: 99 Resp: 982943
Ion Ratio Lower Upper
99 100
42 23.1 17.4 26.0
71 37.1 26.1 39.1



#8
2-Chlorophenol
Concen: 40.384 ng
RT: 6.70 min Scan# 784
Delta R.T. 0.02 min
Lab File: BF111754.D
Acq: 27 Dec 2018 11:19

Tgt Ion: 128 Resp: 440831
Ion Ratio Lower Upper
128 100
130 32.8 12.7 52.7
64 45.9 30.0 70.0





#9

Benzaldehyde

Concen: 36.757 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF111754.D

Acq: 27 Dec 2018 11:19

Instrument :

BNA_F

ClientSampleId :

DFTPP

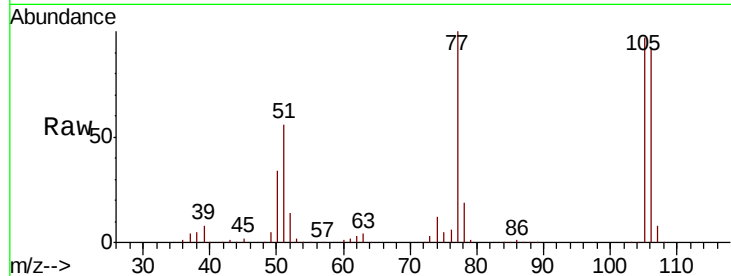
Tgt Ion: 77 Resp: 317039

Ion Ratio Lower Upper

77 100

105 97.2 81.4 121.4

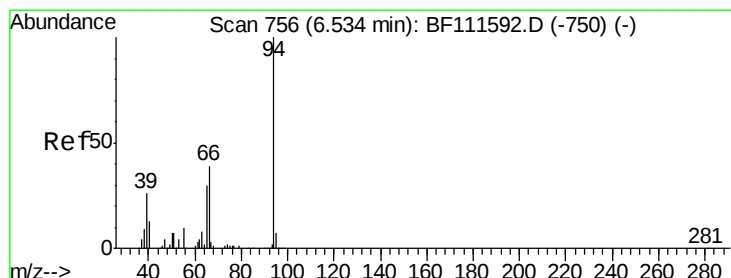
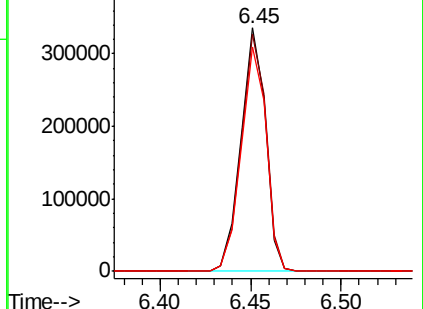
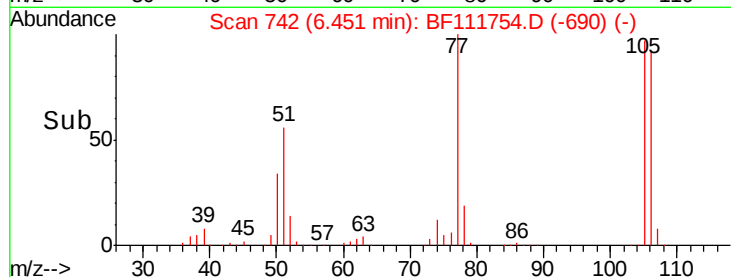
106 92.4 77.9 117.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 38.187 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.03 min

Lab File: BF111754.D

Acq: 27 Dec 2018 11:19

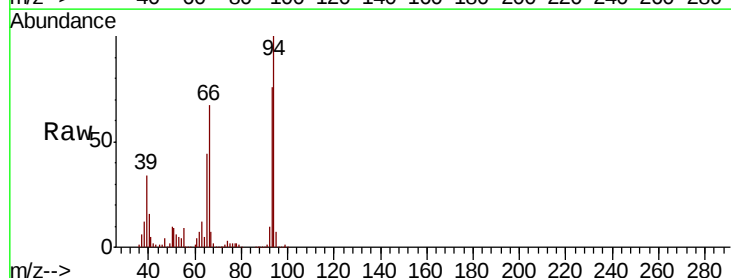
Tgt Ion: 94 Resp: 540355

Ion Ratio Lower Upper

94 100

65 43.7 11.7 51.7

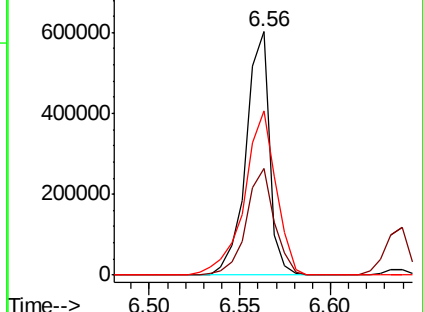
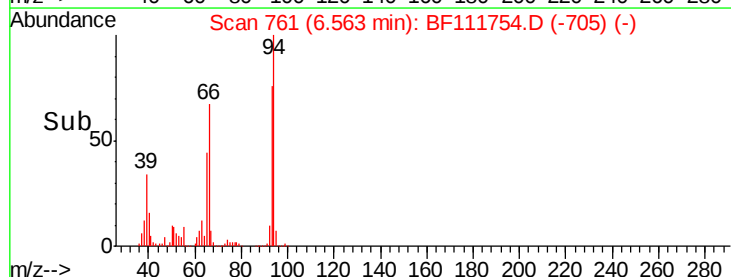
66 67.4 21.0 61.0#



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

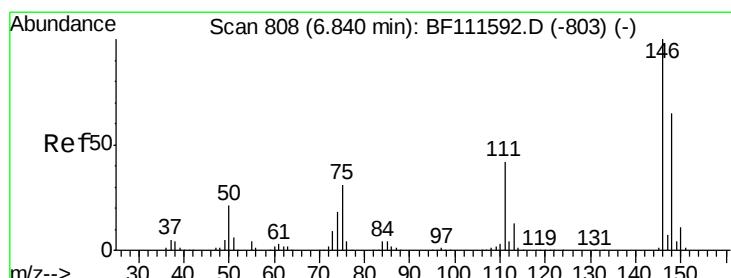
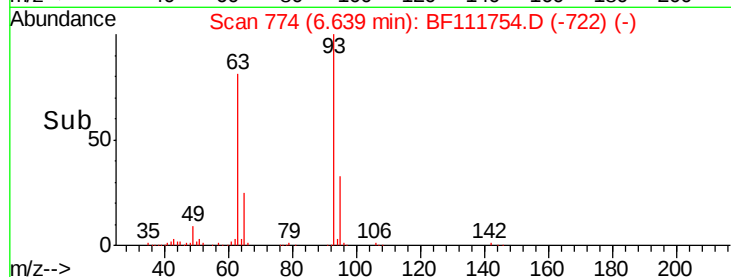
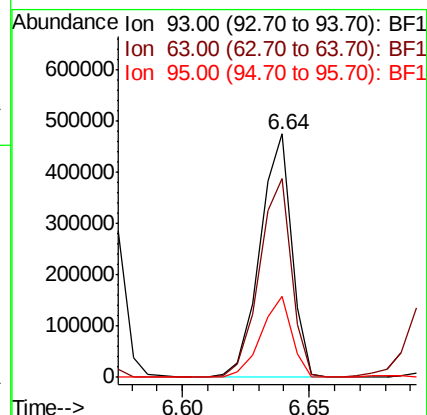
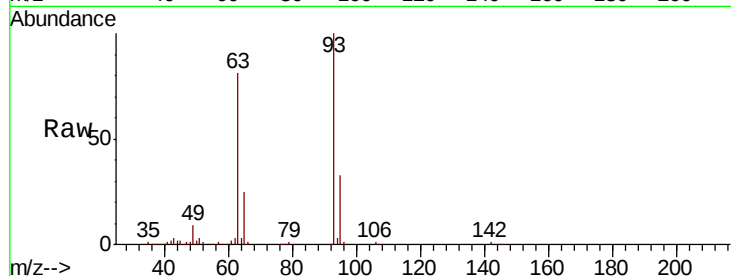




#11
bis(2-Chloroethyl)ether
Concen: 39.183 ng
RT: 6.64 min Scan# 774
Delta R.T. 0.01 min
Lab File: BF111754.D
Acq: 27 Dec 2018 11:19

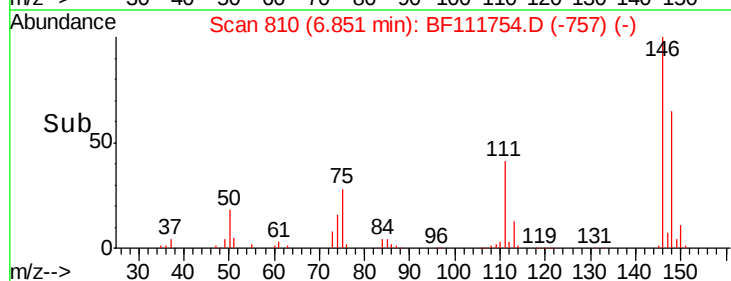
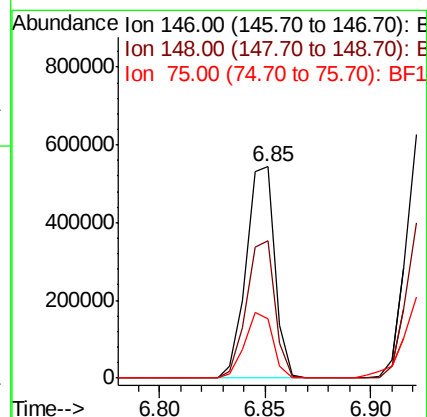
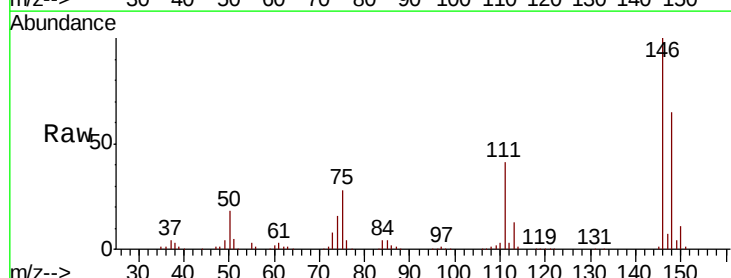
Instrument :
BNA_F
ClientSampleId :
DFTPP

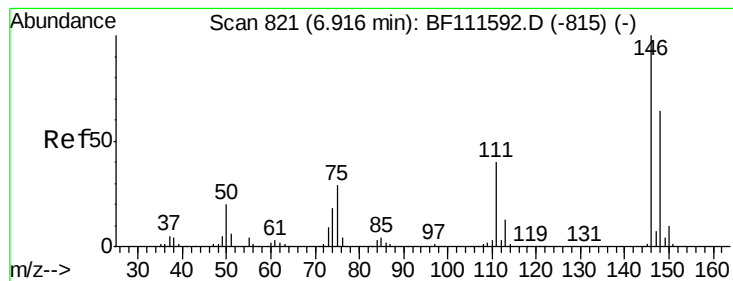
Tgt Ion: 93 Resp: 415473
Ion Ratio Lower Upper
93 100
63 81.4 60.0 100.0
95 33.3 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 40.480 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.01 min
Lab File: BF111754.D
Acq: 27 Dec 2018 11:19

Tgt Ion: 146 Resp: 512098
Ion Ratio Lower Upper
146 100
148 65.0 52.1 78.1
75 28.2 23.9 35.9





#13

1,4-Dichlorobenzene

Concen: 40.416 ng

RT: 6.92 min Scan# 822

Delta R.T. 0.01 min

Lab File: BF111754.D

Acq: 27 Dec 2018 11:19

Instrument :

BNA_F

ClientSampleId :

DFTPP

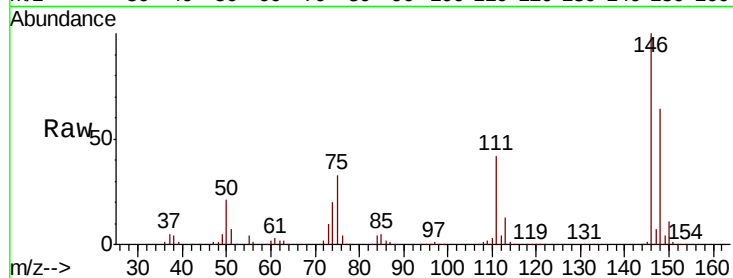
Tgt Ion:146 Resp: 518532

Ion Ratio Lower Upper

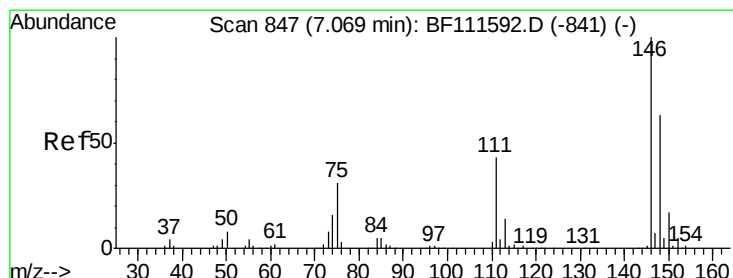
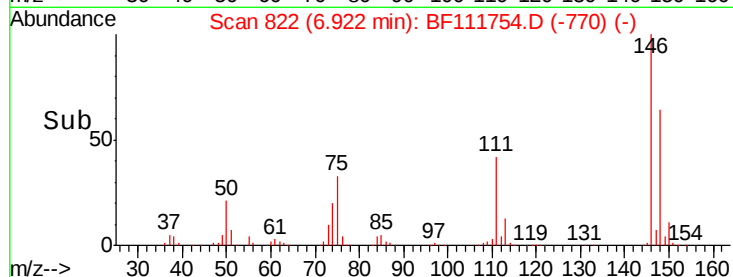
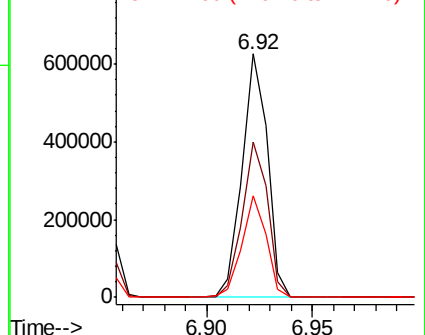
146 100

148 63.9 52.8 79.2

111 41.8 33.4 50.0



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



#14

1,2-Dichlorobenzene

Concen: 40.503 ng

RT: 7.08 min Scan# 849

Delta R.T. 0.01 min

Lab File: BF111754.D

Acq: 27 Dec 2018 11:19

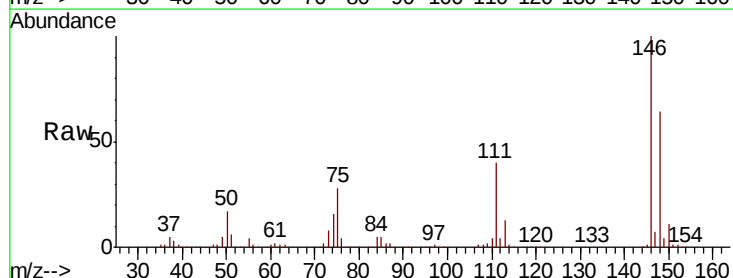
Tgt Ion:146 Resp: 484821

Ion Ratio Lower Upper

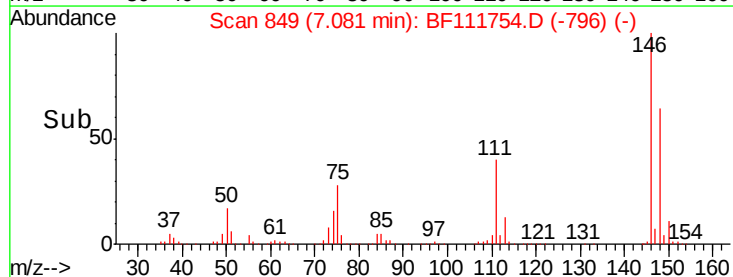
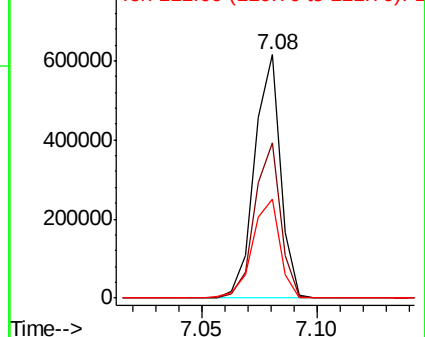
146 100

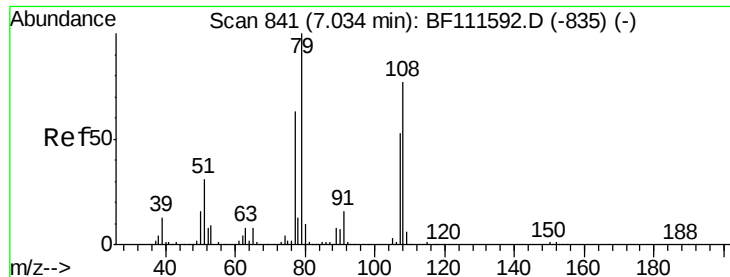
148 63.8 51.9 77.9

111 40.4 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: 40.202 ng

RT: 7.05 min Scan# 843

Delta R.T. 0.01 min

Lab File: BF111754.D

Acq: 27 Dec 2018 11:19

Instrument :

BNA_F

ClientSampled :

DFTPP

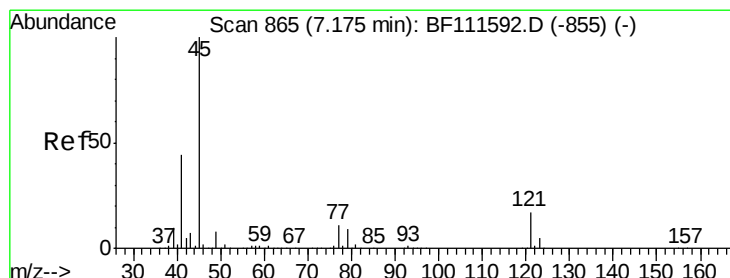
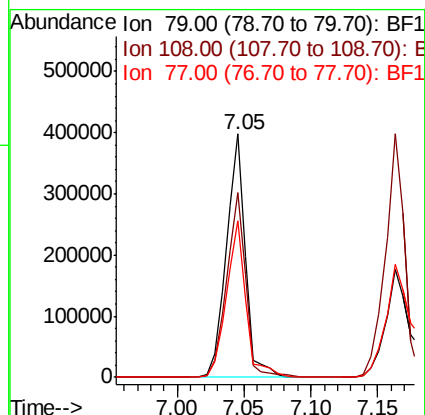
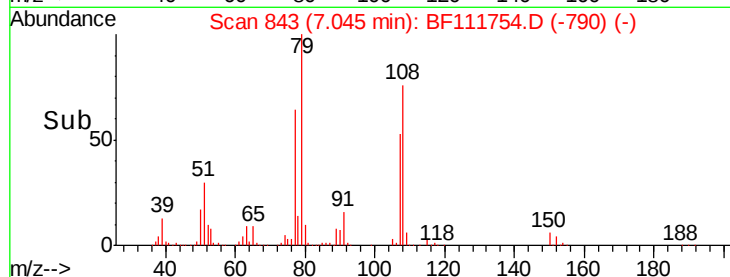
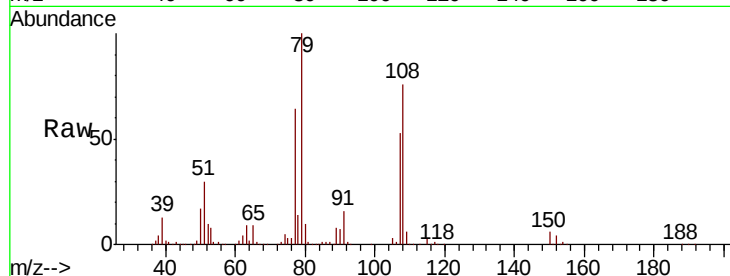
Tgt Ion: 79 Resp: 400415

Ion Ratio Lower Upper

79 100

108 75.9 69.4 104.2

77 64.5 49.7 74.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.744 ng

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: BF111754.D

Acq: 27 Dec 2018 11:19

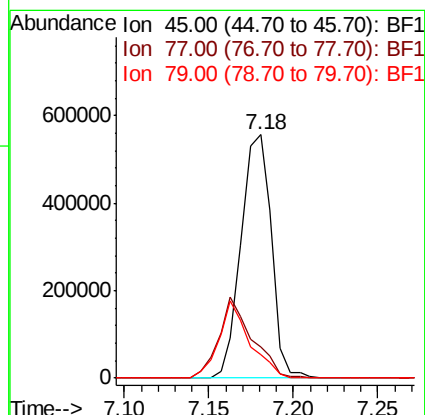
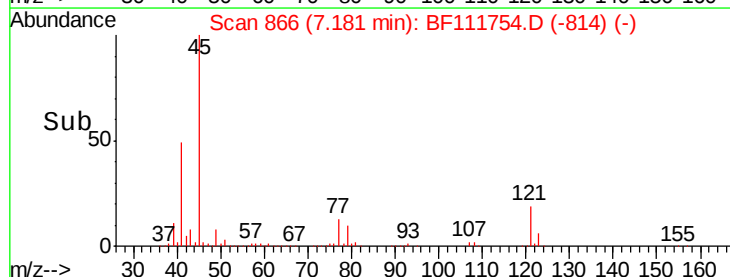
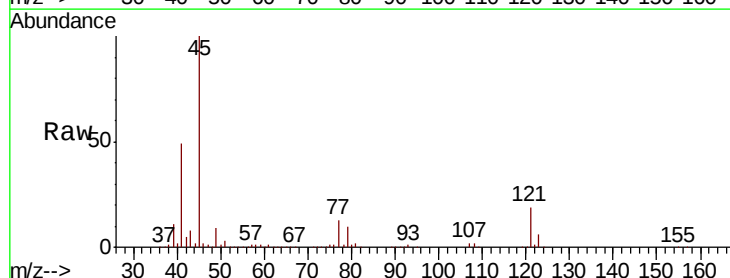
Tgt Ion: 45 Resp: 698034

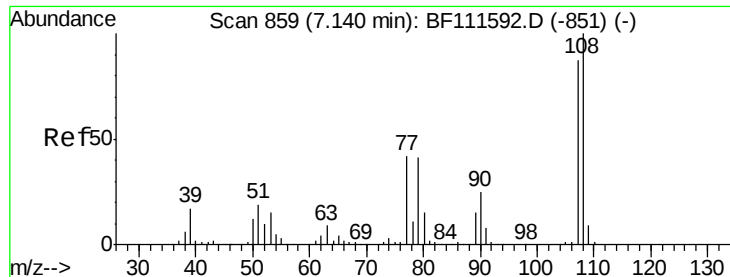
Ion Ratio Lower Upper

45 100

77 12.9 0.0 31.5

79 9.7 0.0 28.9

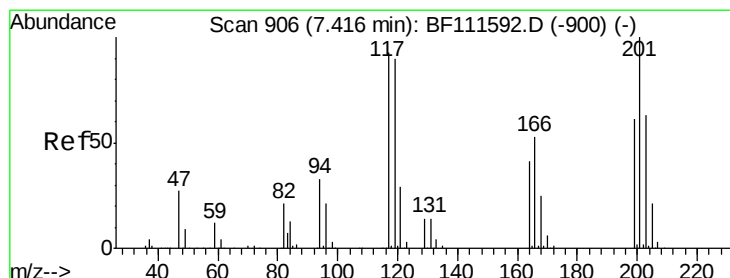
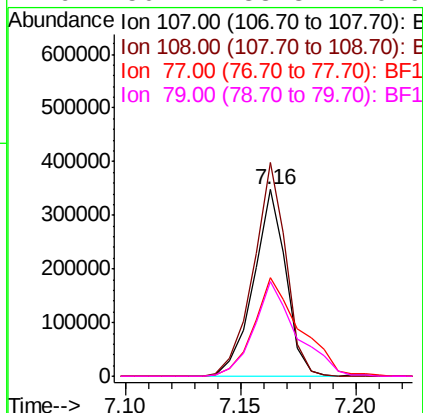
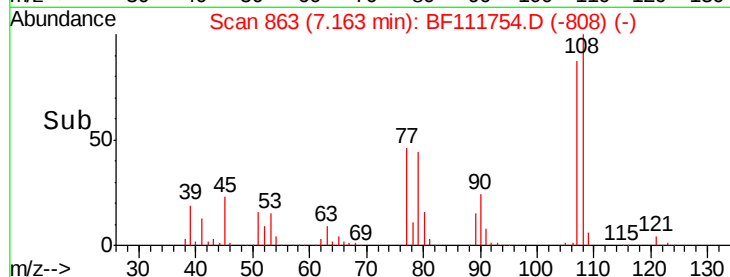
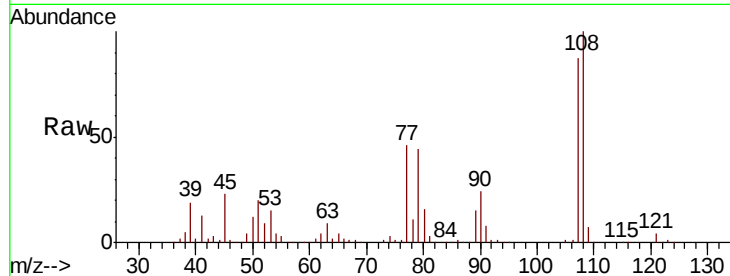




#17
2-Methylphenol
Concen: 39.004 ng
RT: 7.16 min Scan# 863
Delta R.T. 0.02 min
Lab File: BF111754.D
Acq: 27 Dec 2018 11:19

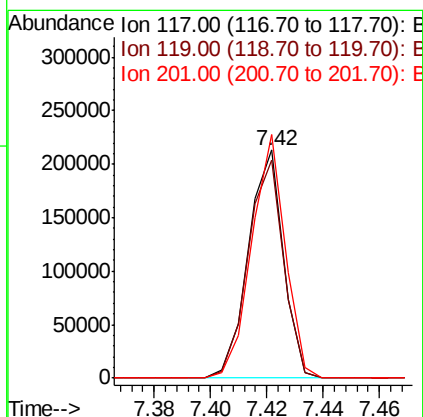
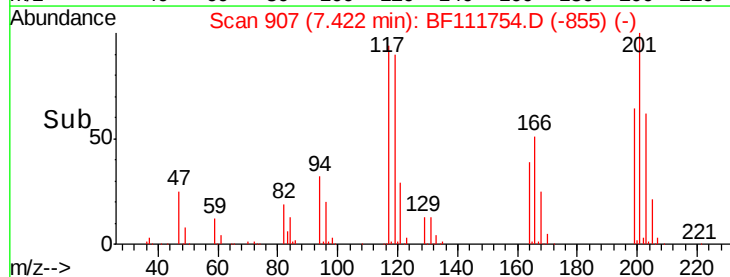
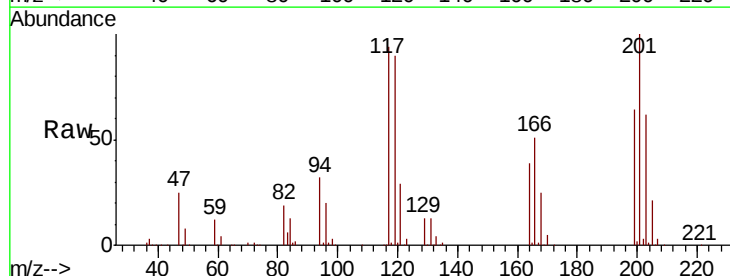
Instrument :
BNA_F
ClientSampleId :
DFTPP

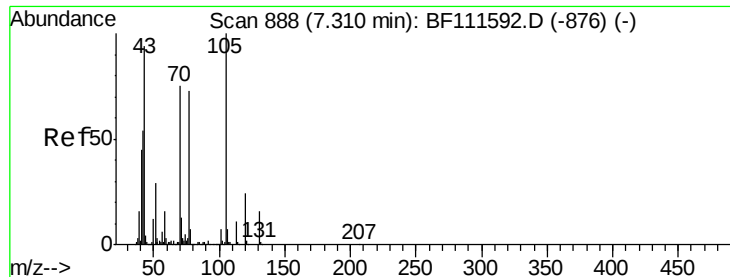
Tgt Ion	Ratio	Lower	Upper
107	100		
108	114.4	91.0	136.4
77	53.0	33.5	50.3#
79	50.7	33.3	49.9#



#18
Hexachloroethane
Concen: 42.366 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.01 min
Lab File: BF111754.D
Acq: 27 Dec 2018 11:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	75.4	113.0
201	106.8	62.4	93.6#

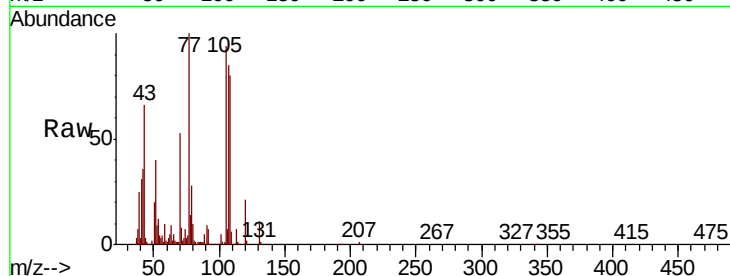




#19
n-Nitroso-di-n-propylamine
Concen: 37.953 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.01 min
Lab File: BF111754.D
Acq: 27 Dec 2018 11:19

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:	70	Resp:	316097
Ion	Ratio	Lower	Upper
70	100		
42	68.0	53.2	79.8
101	9.7	8.2	12.4
130	20.4	18.1	27.1



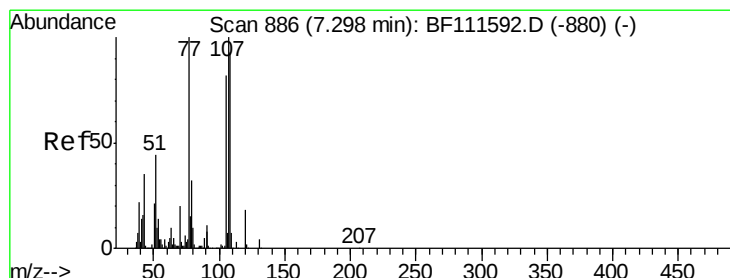
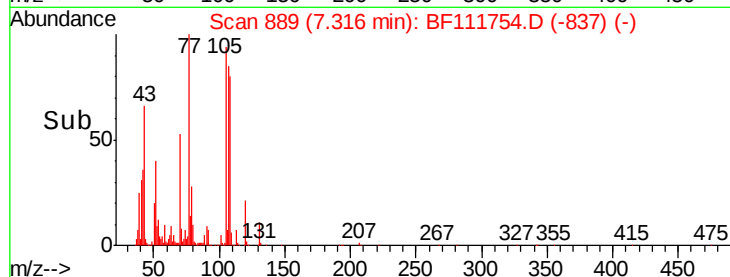
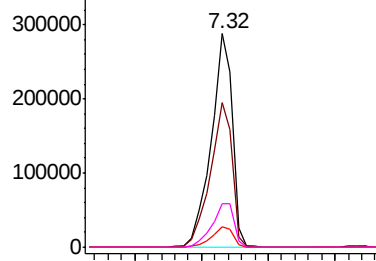
Abundance

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): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 39.066 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.02 min
Lab File: BF111754.D
Acq: 27 Dec 2018 11:19

Tgt Ion:	107	Resp:	431462
Ion	Ratio	Lower	Upper
107	100		
108	94.3	72.1	112.1
77	118.0	94.1	134.1
79	32.8	9.8	49.8

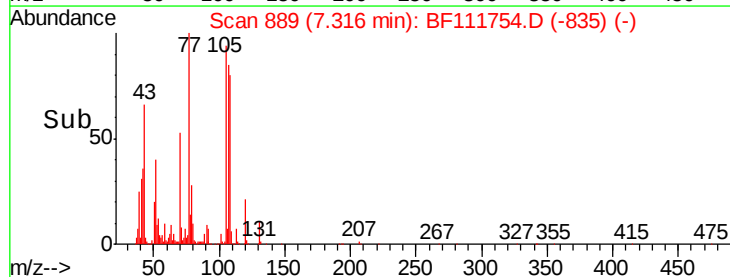
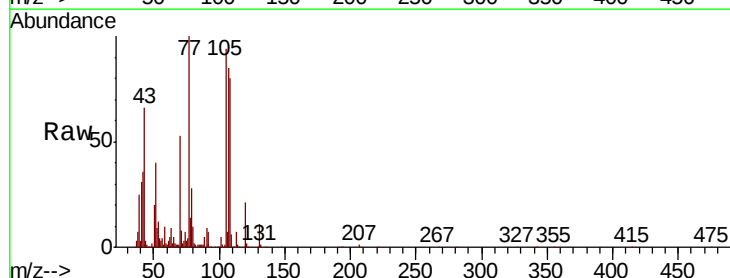
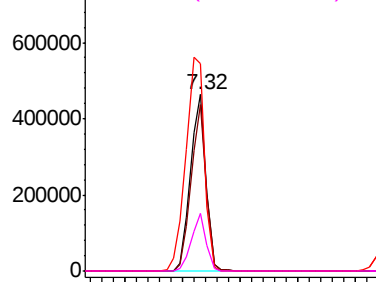
Abundance

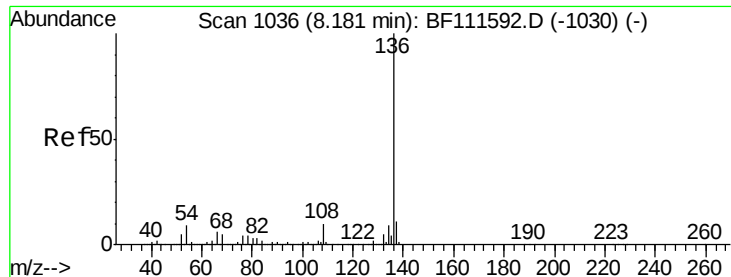
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

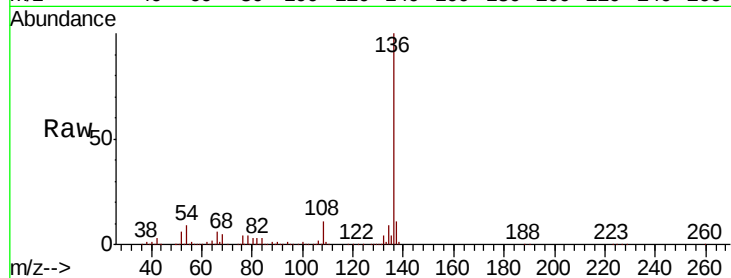




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF111754.D
Acq: 27 Dec 2018 11:19

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:	136	Resp:	625162
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	9.4	7.7	11.5
68	5.5	4.9	7.3



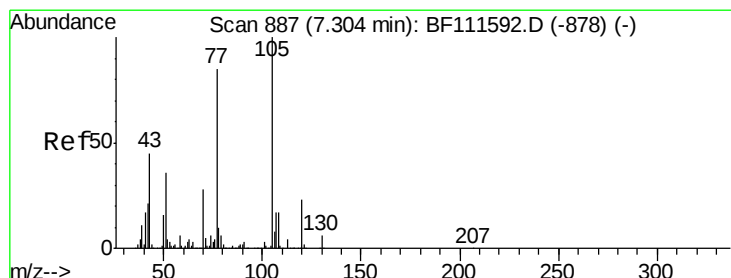
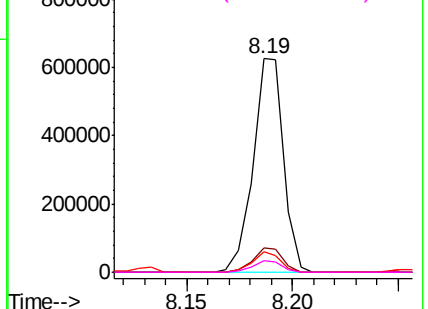
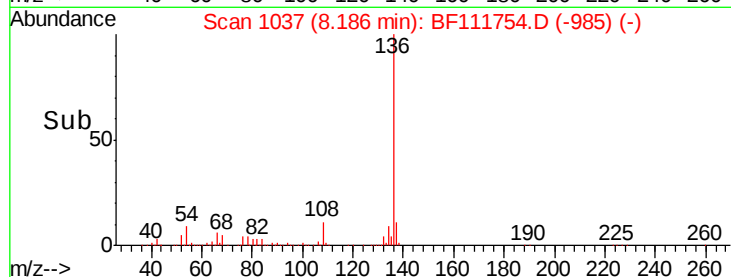
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

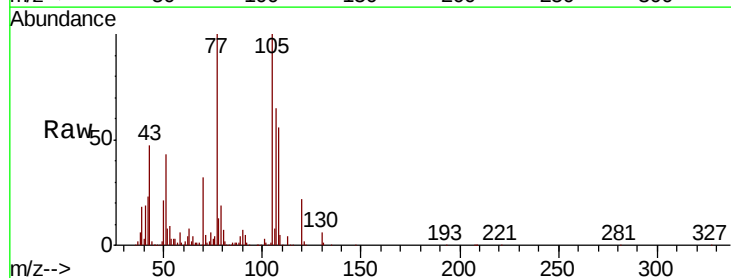
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 39.226 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.01 min
Lab File: BF111754.D
Acq: 27 Dec 2018 11:19

Tgt Ion:	105	Resp:	621246
Ion	Ratio	Lower	Upper
105	100		
71	5.4	3.1	4.7#
51	43.0	36.6	54.8
120	21.8	18.2	27.4



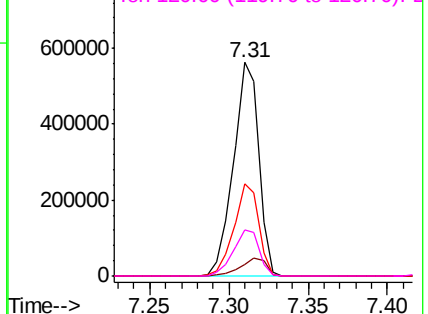
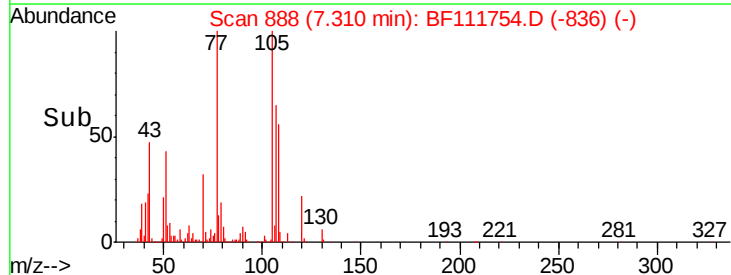
Abundance

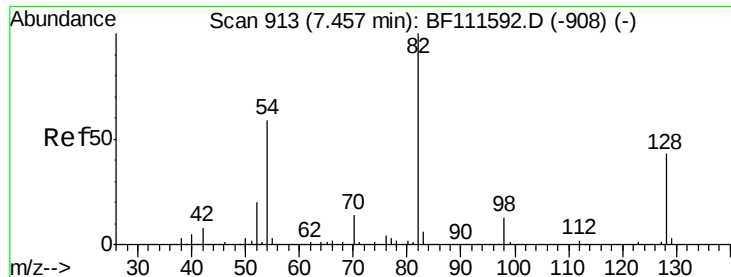
Ion 105.00 (104.70 to 105.70): E

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

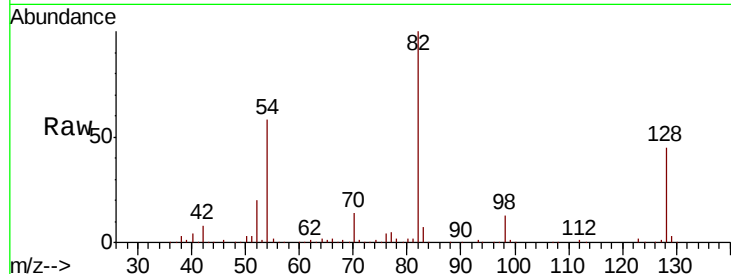




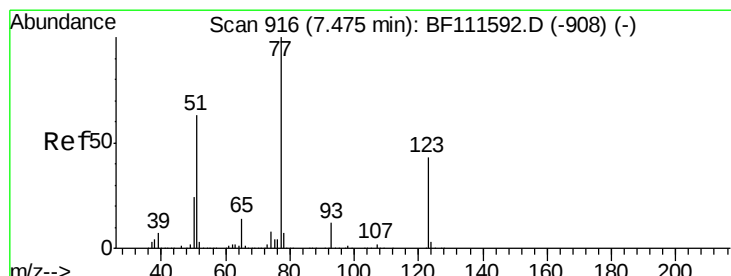
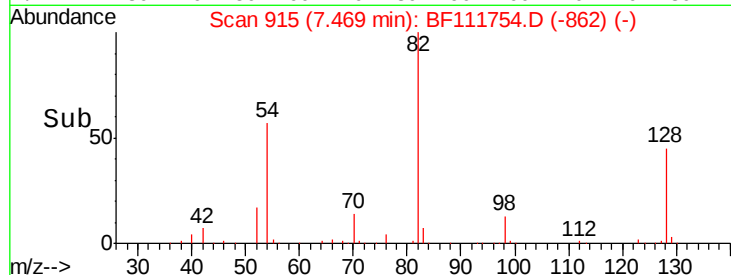
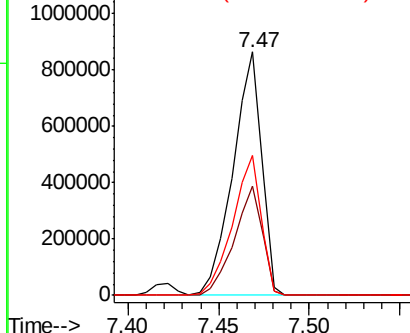
#23
 Nitrobenzene-d5
 Concen: 88.113 ng
 RT: 7.47 min Scan# 915
 Delta R.T. 0.01 min
 Lab File: BF111754.D
 Acq: 27 Dec 2018 11:19

Instrument :
 BNA_F
 ClientSampleID :
 DFTPP

Tgt Ion: 82 Resp: 946349
 Ion Ratio Lower Upper
 82 100
 128 44.7 37.4 56.2
 54 57.6 47.6 71.4

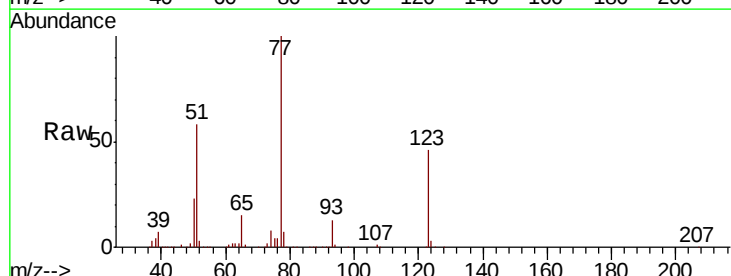


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

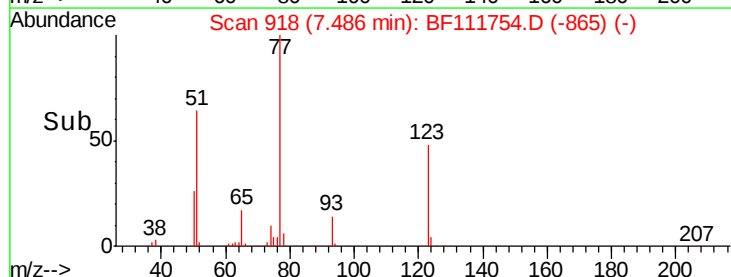
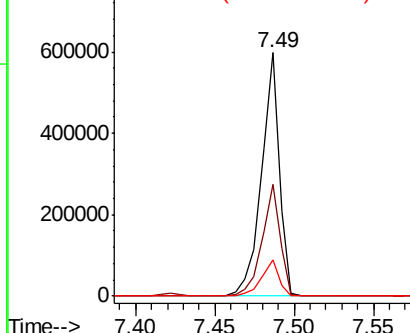


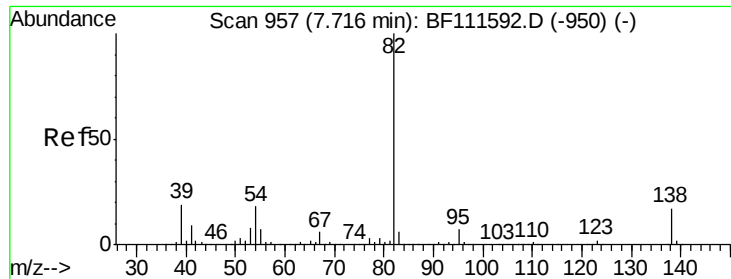
#24
 Nitrobenzene
 Concen: 42.254 ng
 RT: 7.49 min Scan# 918
 Delta R.T. 0.01 min
 Lab File: BF111754.D
 Acq: 27 Dec 2018 11:19

Tgt Ion: 77 Resp: 475635
 Ion Ratio Lower Upper
 77 100
 123 46.0 37.2 55.8
 65 14.9 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: 38.880 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF111754.D

Acq: 27 Dec 2018 11:19

Instrument :

BNA_F

ClientSampleId :

DFTPP

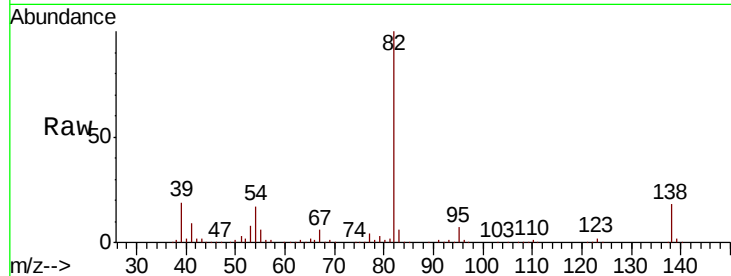
Tgt Ion: 82 Resp: 741322

Ion Ratio Lower Upper

82 100

95 7.3 5.4 8.2

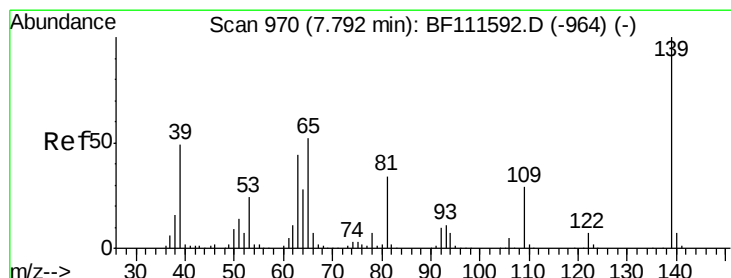
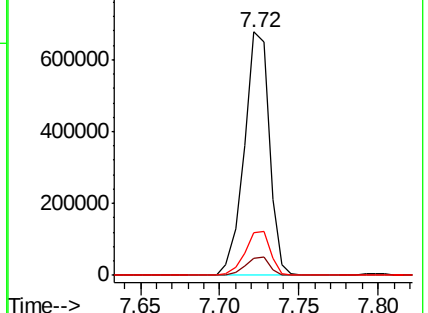
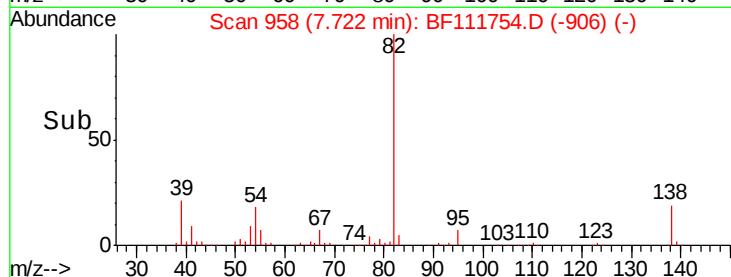
138 17.5 15.1 22.7



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: 52.673 ng

RT: 7.80 min Scan# 972

Delta R.T. 0.01 min

Lab File: BF111754.D

Acq: 27 Dec 2018 11:19

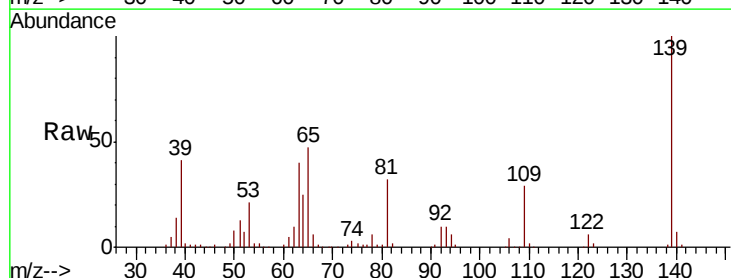
Tgt Ion: 139 Resp: 240468

Ion Ratio Lower Upper

139 100

109 28.8 20.2 30.4

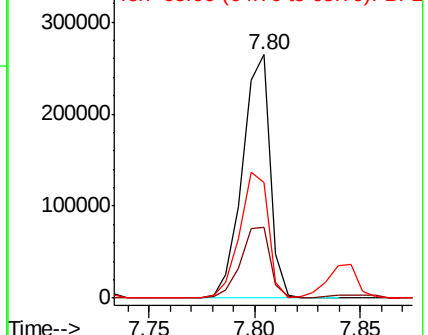
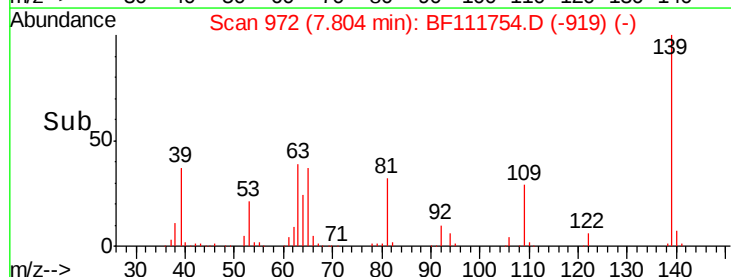
65 47.3 40.7 61.1

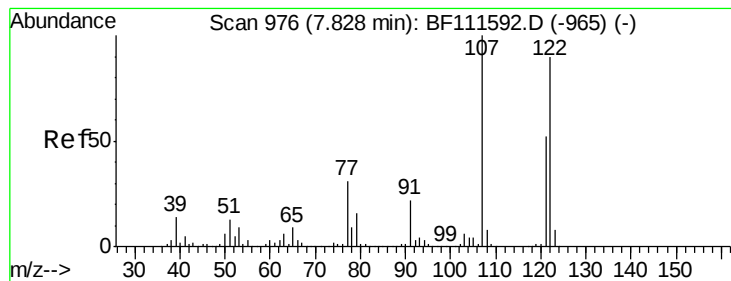


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 38.219 ng

RT: 7.85 min Scan# 979

Delta R.T. 0.02 min

Lab File: BF111754.D

Acq: 27 Dec 2018 11:19

Instrument :

BNA_F

ClientSampleId :

DFTPP

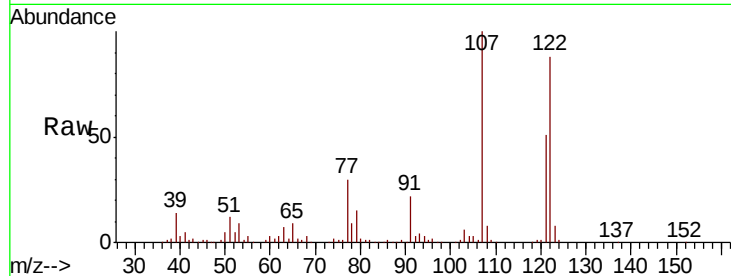
Tgt Ion:122 Resp: 343956

Ion Ratio Lower Upper

122 100

107 113.9 85.5 128.3

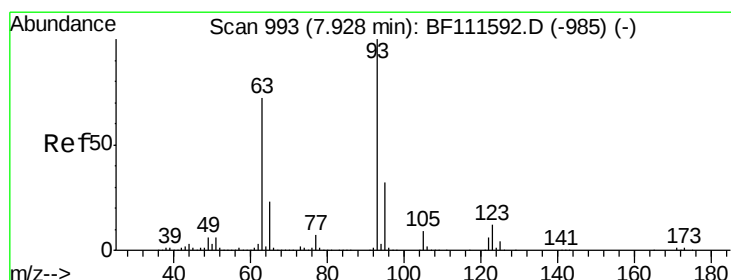
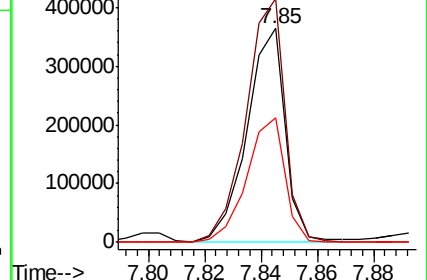
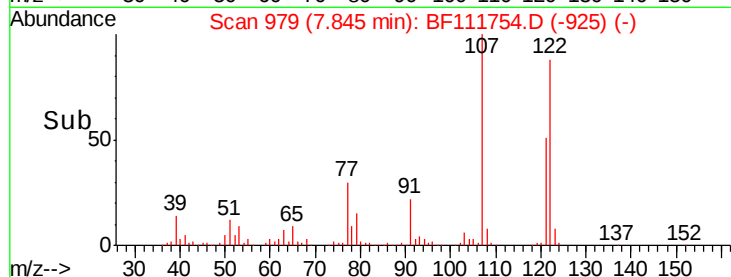
121 58.2 46.6 70.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.135 ng

RT: 7.93 min Scan# 994

Delta R.T. 0.01 min

Lab File: BF111754.D

Acq: 27 Dec 2018 11:19

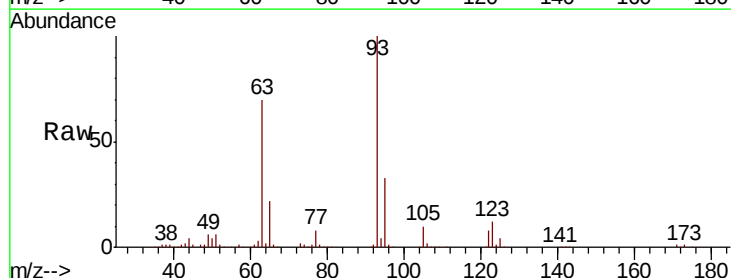
Tgt Ion: 93 Resp: 496546

Ion Ratio Lower Upper

93 100

95 32.8 27.1 40.7

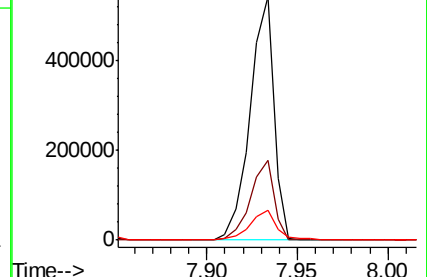
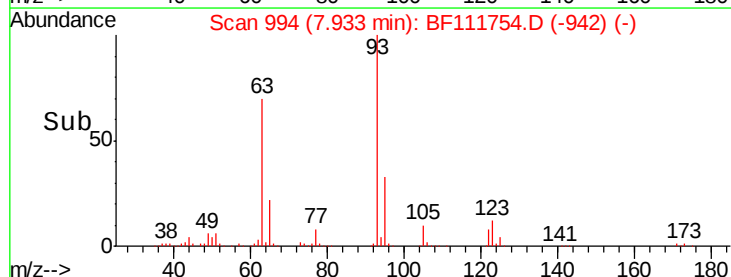
123 12.5 9.9 14.9

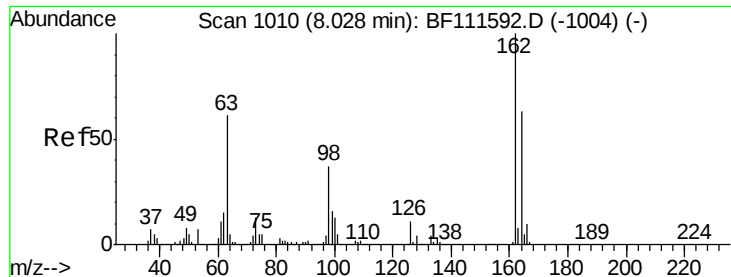


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

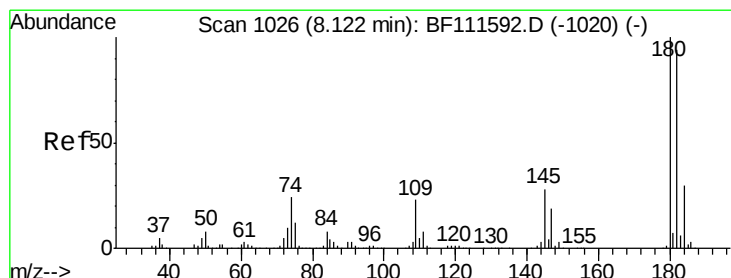
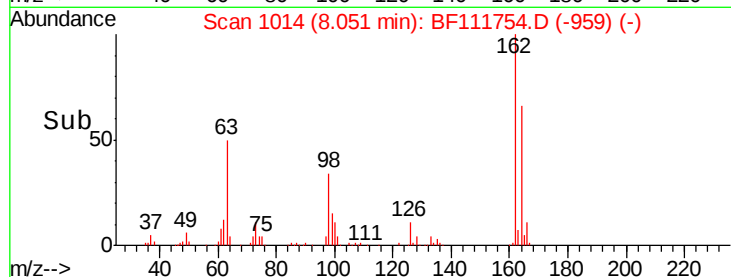
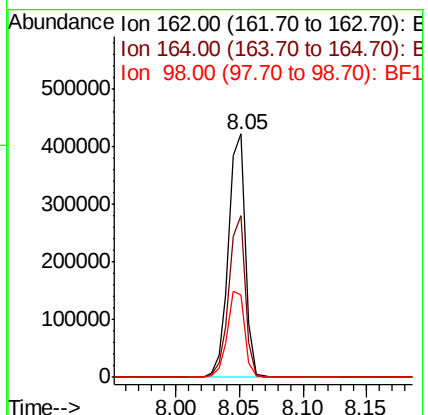
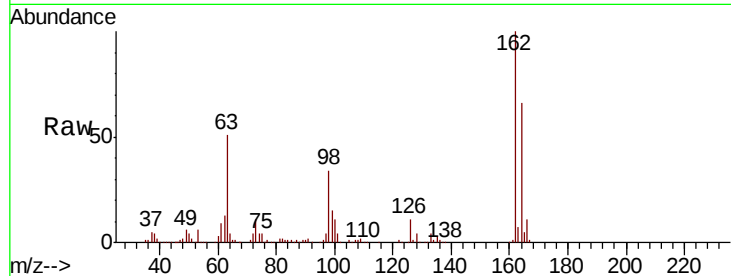




#29
2,4-Dichlorophenol
Concen: 40.409 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.02 min
Lab File: BF111754.D
Acq: 27 Dec 2018 11:19

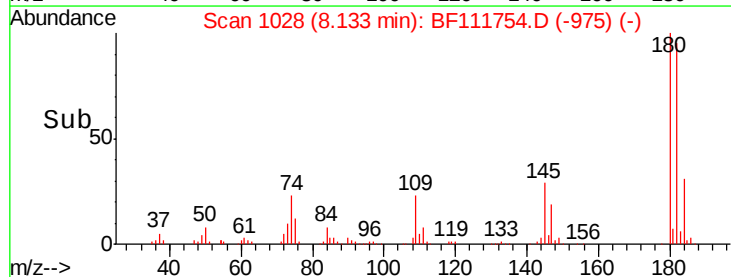
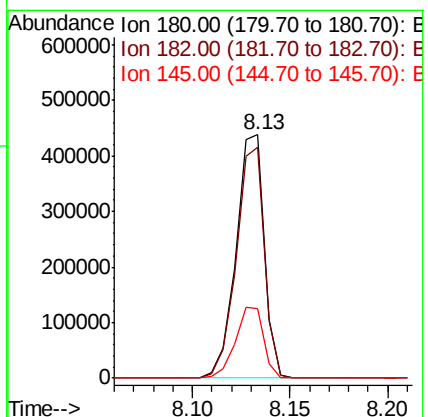
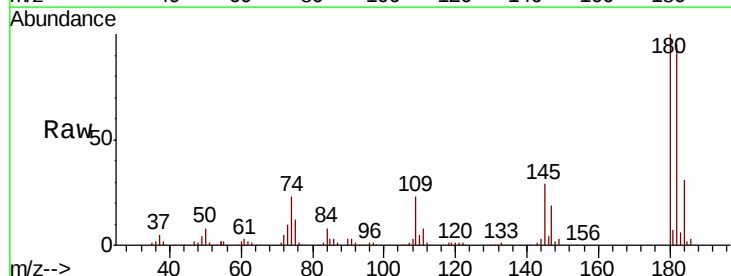
Instrument :
BNA_F
ClientSampled :
DFTPP

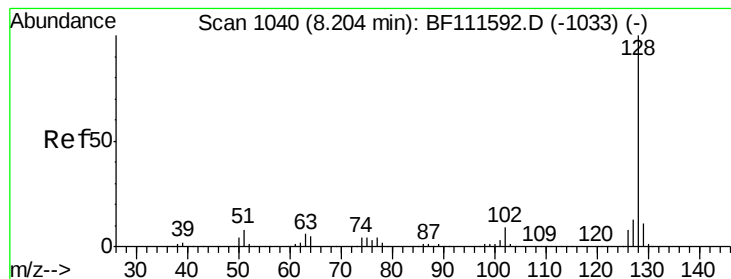
Tgt Ion:162 Resp: 391151
Ion Ratio Lower Upper
162 100
164 66.3 44.4 84.4
98 33.6 20.3 60.3



#30
1,2,4-Trichlorobenzene
Concen: 40.571 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.01 min
Lab File: BF111754.D
Acq: 27 Dec 2018 11:19

Tgt Ion:180 Resp: 437627
Ion Ratio Lower Upper
180 100
182 94.7 75.6 113.4
145 28.7 26.7 40.1





#31

Naphthalene

Concen: 40.142 ng

RT: 8.21 min Scan# 1041

Delta R.T. 0.01 min

Lab File: BF111754.D

Acq: 27 Dec 2018 11:19

Instrument :

BNA_F

ClientSampleId :

DFTPP

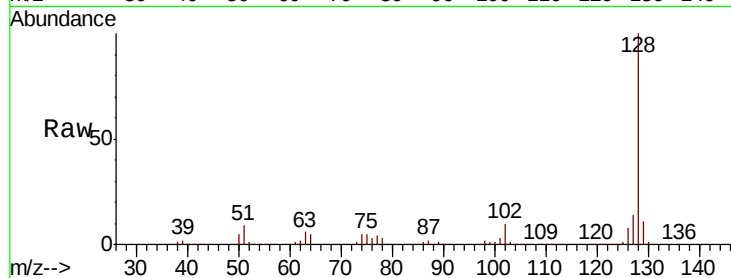
Tgt Ion:128 Resp: 1205794

Ion Ratio Lower Upper

128 100

129 11.4 9.8 14.8

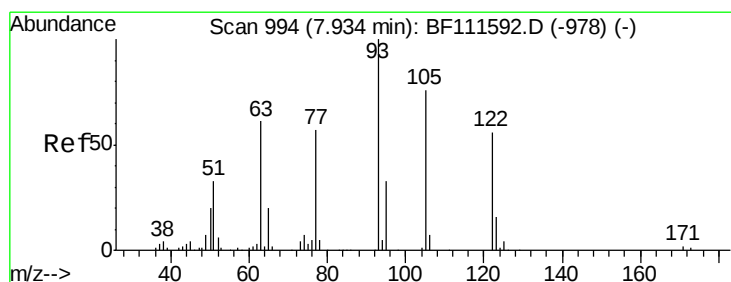
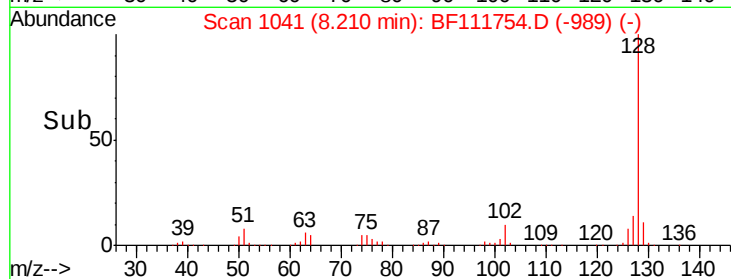
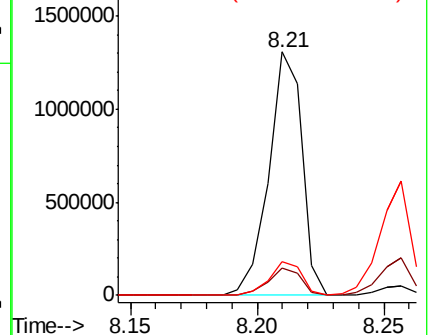
127 13.7 12.0 18.0



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



#32

Benzoic acid

Concen: 30.081 ng

RT: 7.95 min Scan# 997

Delta R.T. 0.02 min

Lab File: BF111754.D

Acq: 27 Dec 2018 11:19

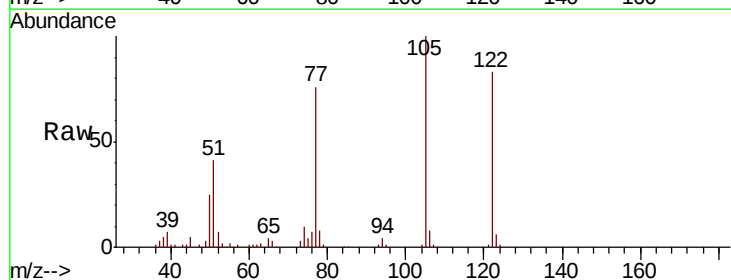
Tgt Ion:122 Resp: 178991

Ion Ratio Lower Upper

122 100

105 120.5 97.0 137.0

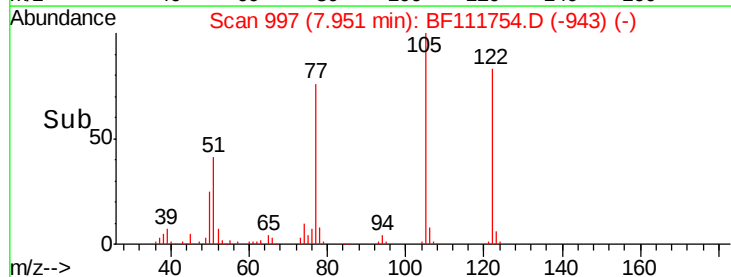
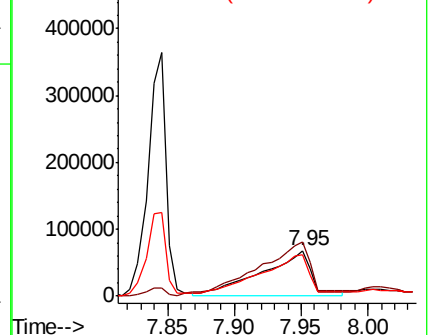
77 91.7 65.7 105.7



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

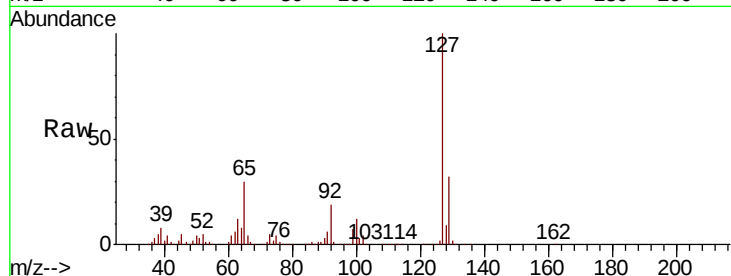




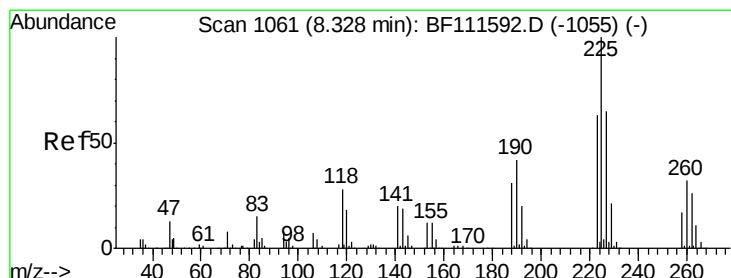
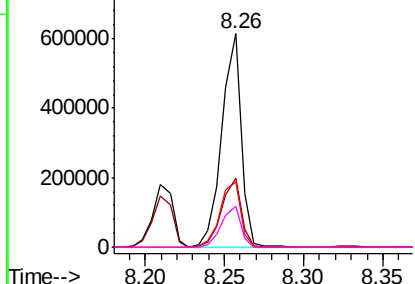
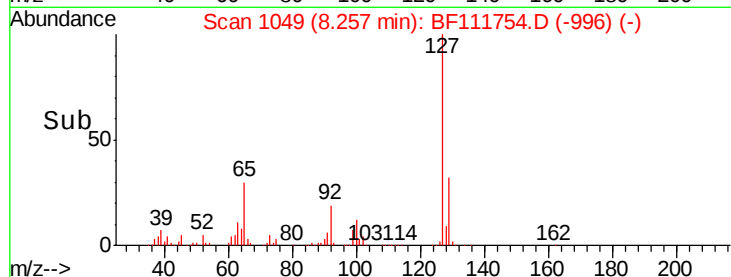
#33
4-Chloroaniline
Concen: 40.223 ng
RT: 8.26 min Scan# 1049
Delta R.T. 0.01 min
Lab File: BF111754.D
Acq: 27 Dec 2018 11:19

Instrument :
BNA_F
ClientSampled :
DFTPP

Tgt Ion:	127	Resp:	522222
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.6	39.8
65	30.4	25.7	38.5
92	19.0	15.4	23.2

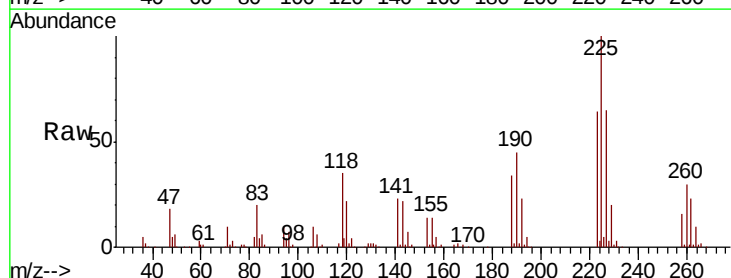


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

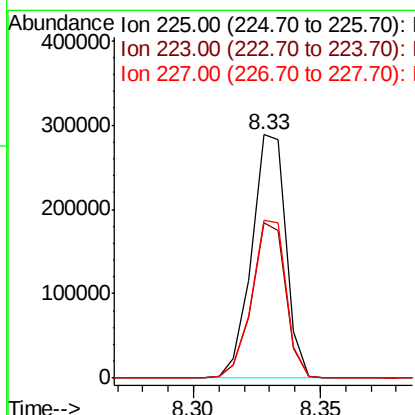
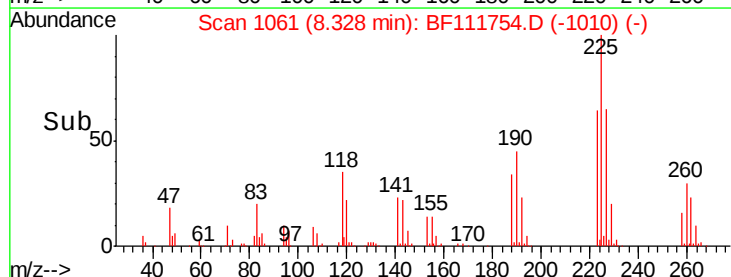


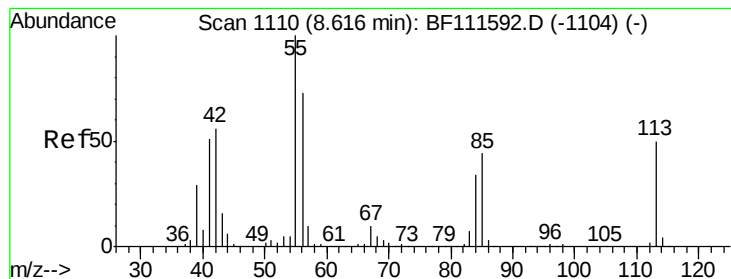
#34
Hexachlorobutadiene
Concen: 41.327 ng
RT: 8.33 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BF111754.D
Acq: 27 Dec 2018 11:19

Tgt Ion:	225	Resp:	271691
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.7	76.1
227	64.7	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: 38.385 ng

RT: 8.63 min Scan# 1112

Delta R.T. 0.01 min

Lab File: BF111754.D

Acq: 27 Dec 2018 11:19

Instrument :

BNA_F

ClientSampleId :

DFTPP

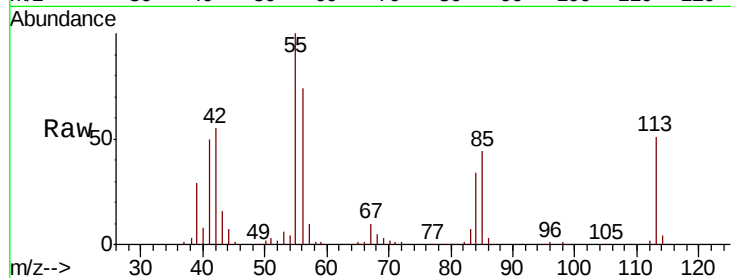
Tgt Ion:113 Resp: 125904

Ion Ratio Lower Upper

113 100

55 196.0 184.1 224.1

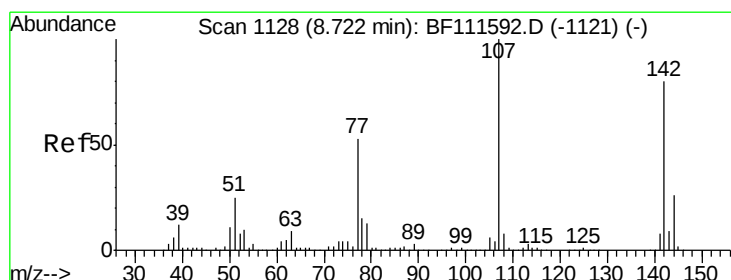
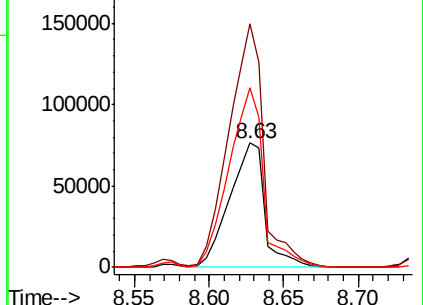
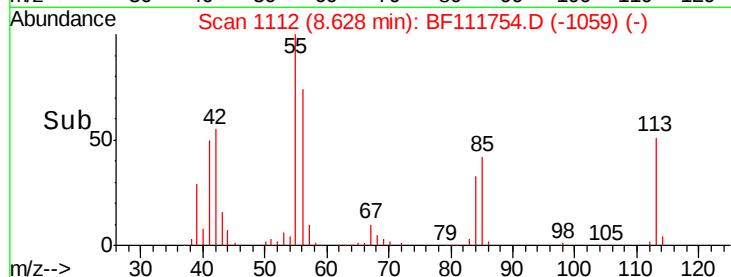
56 145.1 126.0 166.0



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: 41.018 ng

RT: 8.74 min Scan# 1131

Delta R.T. 0.02 min

Lab File: BF111754.D

Acq: 27 Dec 2018 11:19

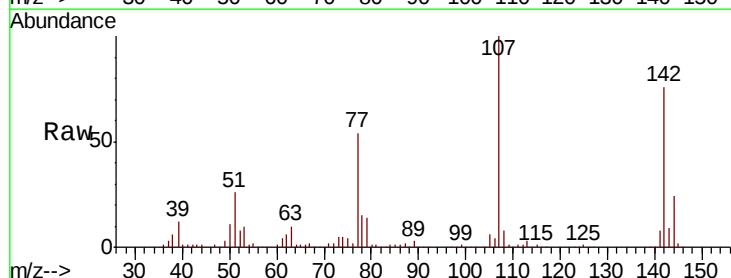
Tgt Ion:107 Resp: 390300

Ion Ratio Lower Upper

107 100

144 23.8 19.8 29.6

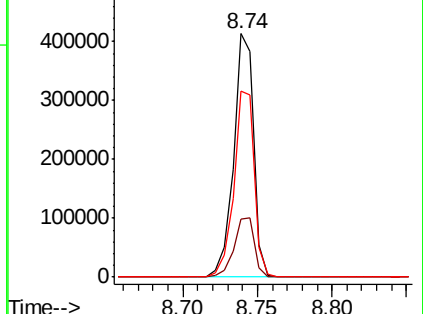
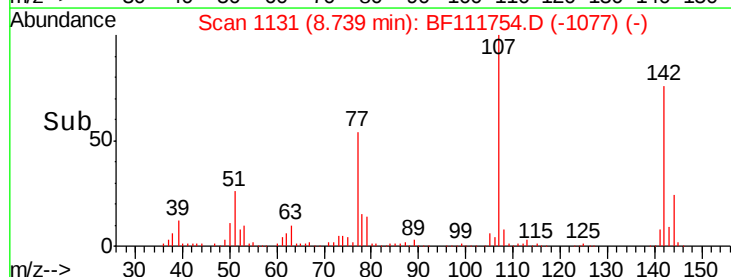
142 76.2 62.3 93.5

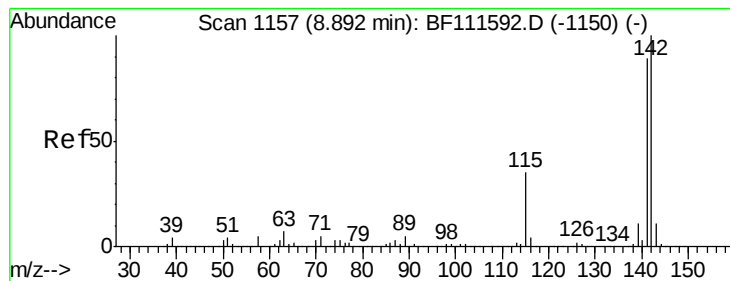


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.340 ng

RT: 8.90 min Scan# 1158

Delta R.T. 0.01 min

Lab File: BF111754.D

Acq: 27 Dec 2018 11:19

Instrument :

BNA_F

ClientSampleId :

DFTPP

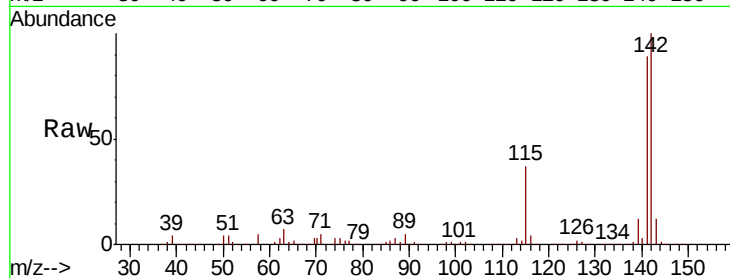
Tgt Ion:142 Resp: 788370

Ion Ratio Lower Upper

142 100

141 89.3 70.6 105.8

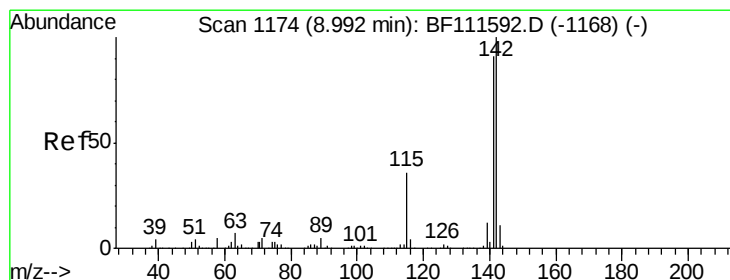
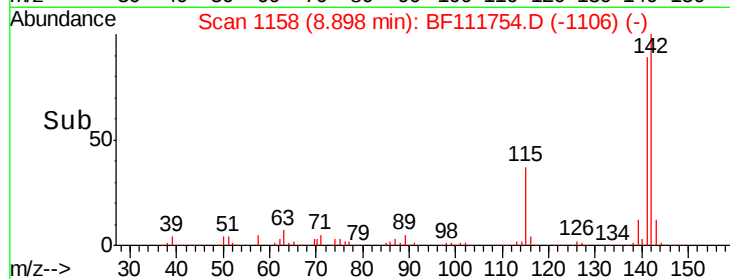
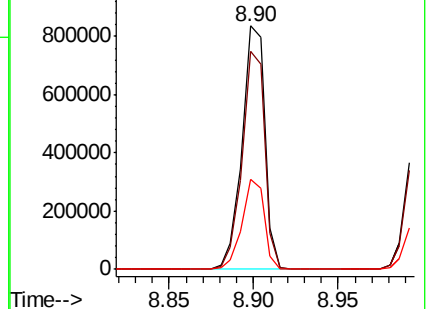
115 36.9 27.0 40.6



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: 40.511 ng

RT: 9.00 min Scan# 1175

Delta R.T. 0.01 min

Lab File: BF111754.D

Acq: 27 Dec 2018 11:19

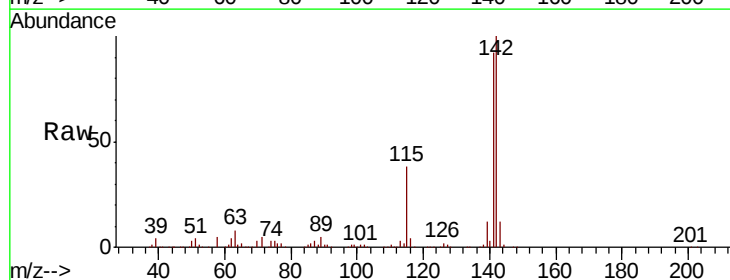
Tgt Ion:142 Resp: 760370

Ion Ratio Lower Upper

142 100

141 92.1 74.2 111.4

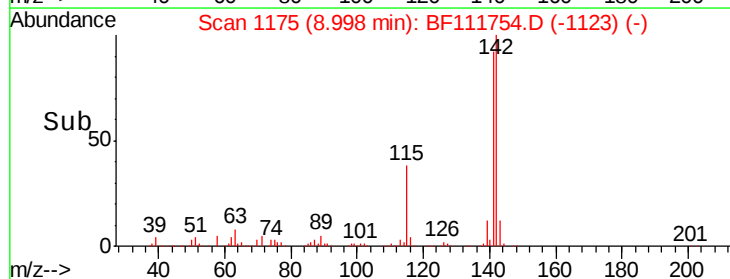
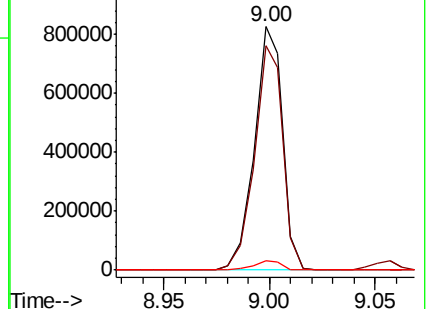
116 3.9 2.9 4.3

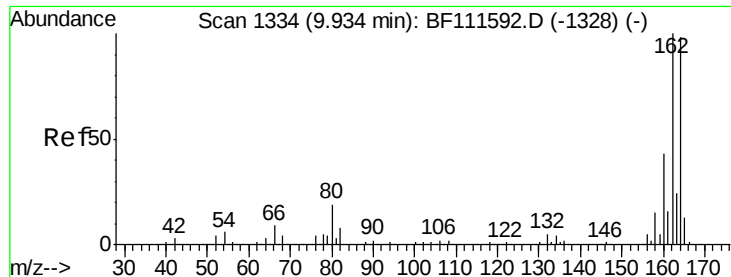


Abundance Ion 142.00 (141.70 to 142.70): E

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: BF111754.D

Acq: 27 Dec 2018 11:19

Instrument :

BNA_F

ClientSampleId :

DFTPP

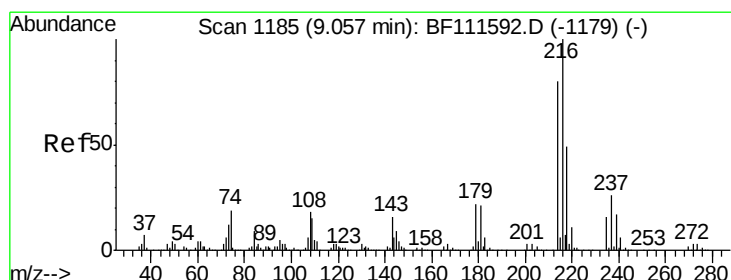
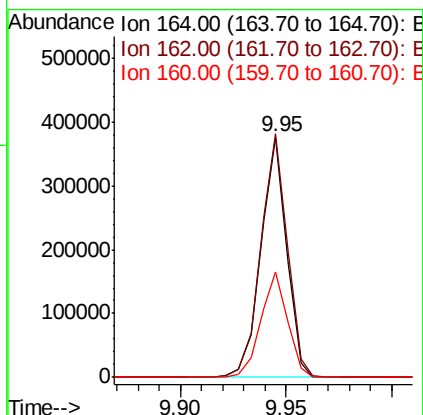
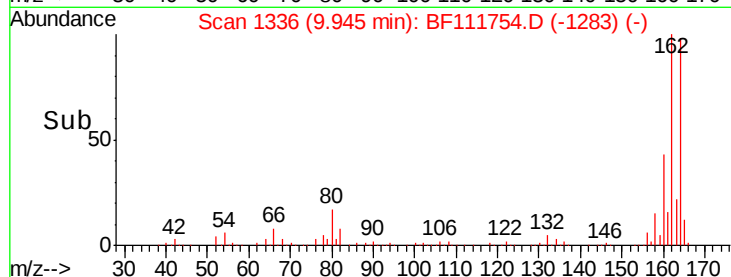
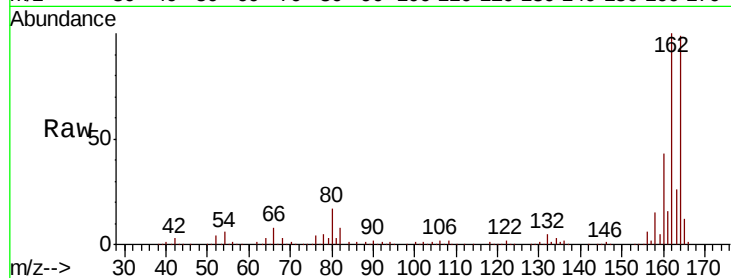
Tgt Ion:164 Resp: 319698

Ion Ratio Lower Upper

164 100

162 101.3 81.4 122.0

160 44.0 35.7 53.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.179 ng

RT: 9.07 min Scan# 1187

Delta R.T. 0.01 min

Lab File: BF111754.D

Acq: 27 Dec 2018 11:19

Tgt Ion:216 Resp: 432594

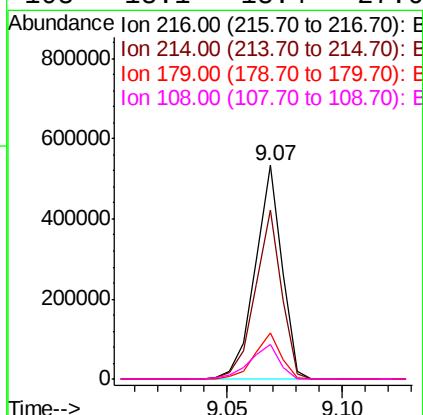
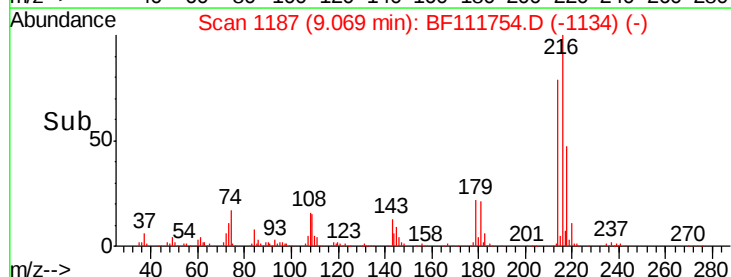
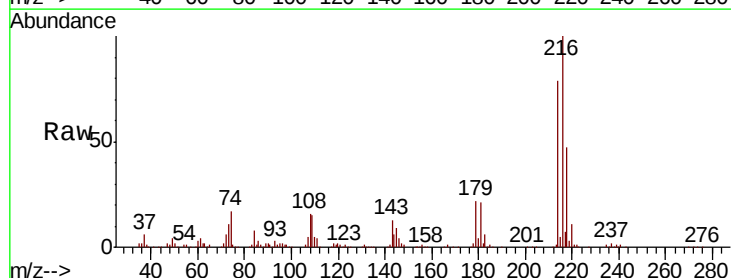
Ion Ratio Lower Upper

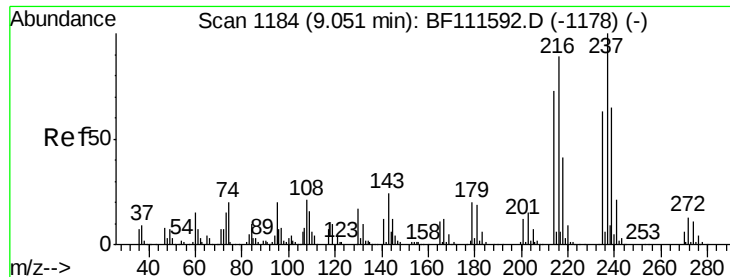
216 100

214 78.4 63.8 95.8

179 21.2 17.9 26.9

108 18.1 18.4 27.6#





#41

Hexachlorocyclopentadiene

Concen: 46.647 ng

RT: 9.06 min Scan# 1185

Delta R.T. 0.01 min

Lab File: BF111754.D

Acq: 27 Dec 2018 11:19

Instrument :

BNA_F

ClientSampleId :

DFTPP

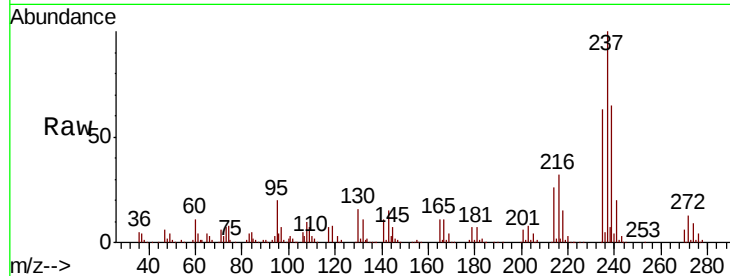
Tgt Ion: 237 Resp: 237799

Ion Ratio Lower Upper

237 100

235 63.5 43.1 83.1

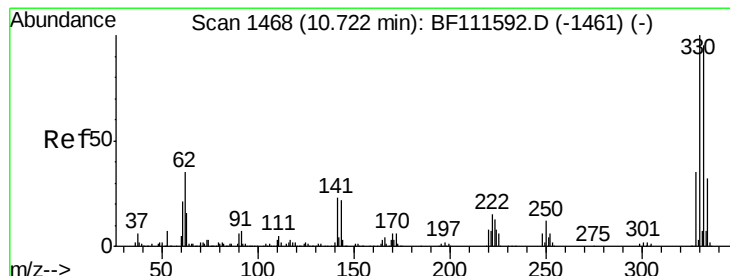
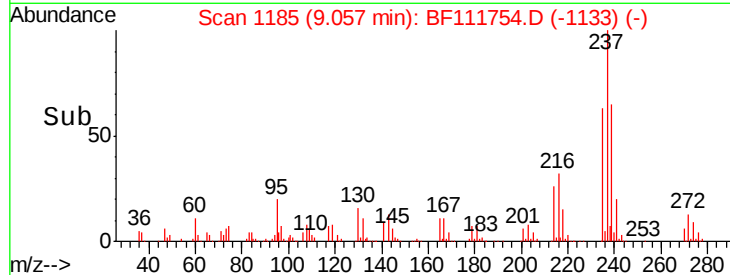
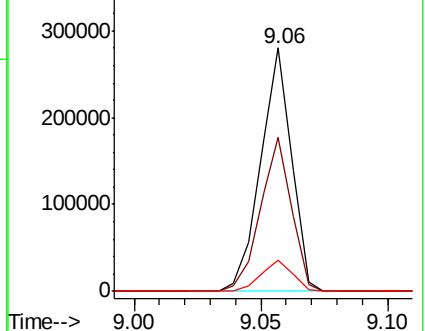
272 12.9 0.0 33.0



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: 86.905 ng

RT: 10.73 min Scan# 1470

Delta R.T. 0.01 min

Lab File: BF111754.D

Acq: 27 Dec 2018 11:19

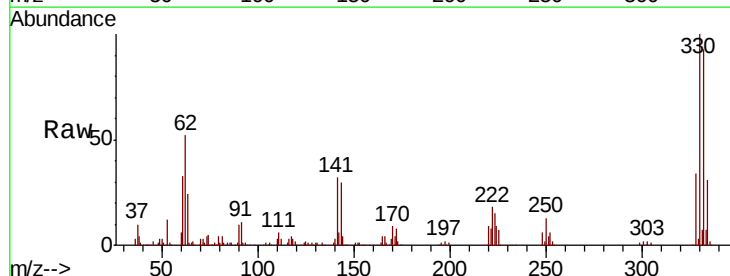
Tgt Ion: 330 Resp: 328282

Ion Ratio Lower Upper

330 100

332 94.9 76.0 114.0

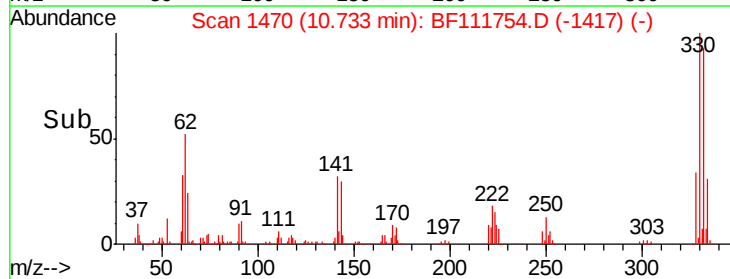
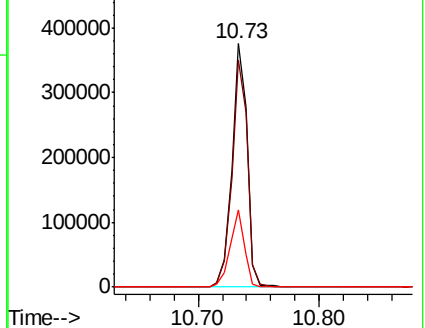
141 30.1 31.0 46.6#

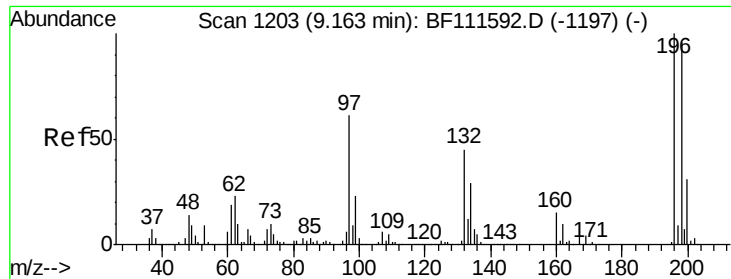


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

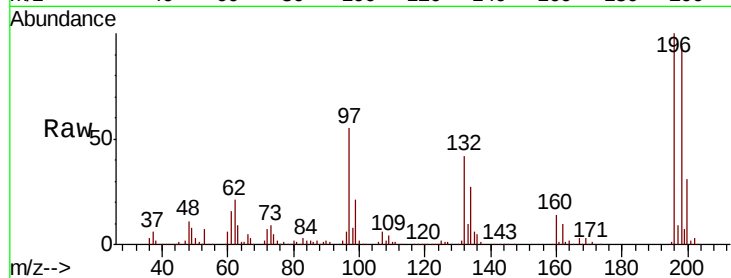




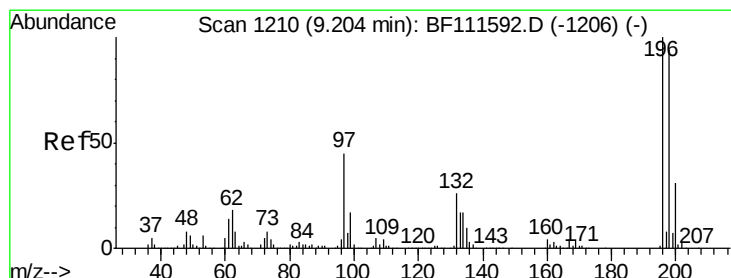
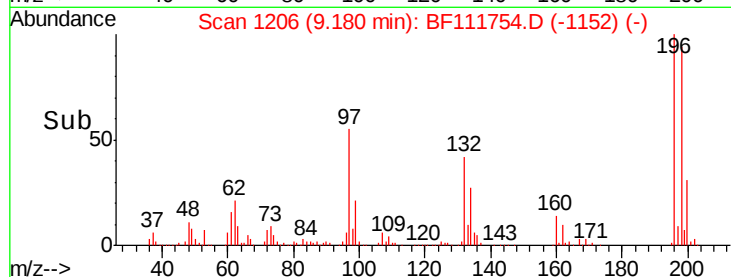
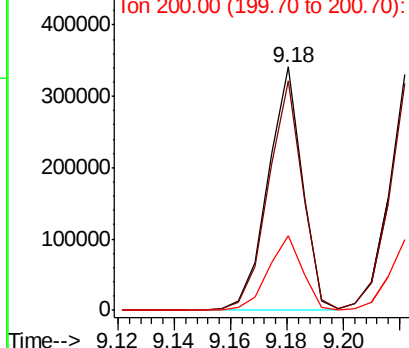
#43
 2,4,6-Trichlorophenol
 Concen: 40.999 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.02 min
 Lab File: BF111754.D
 Acq: 27 Dec 2018 11:19

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion:196 Resp: 287561
 Ion Ratio Lower Upper
 196 100
 198 94.4 76.3 114.5
 200 30.6 24.9 37.3



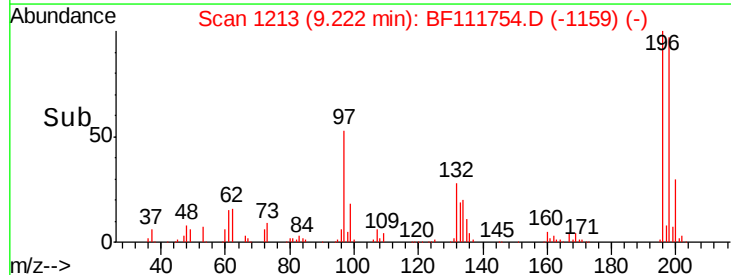
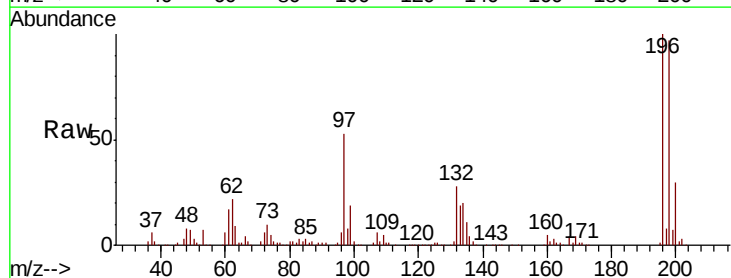
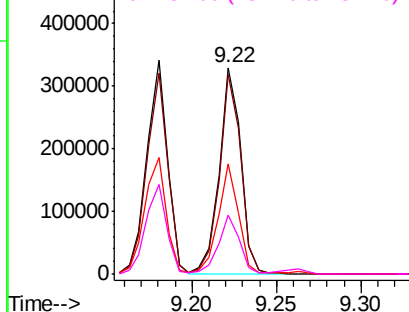
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

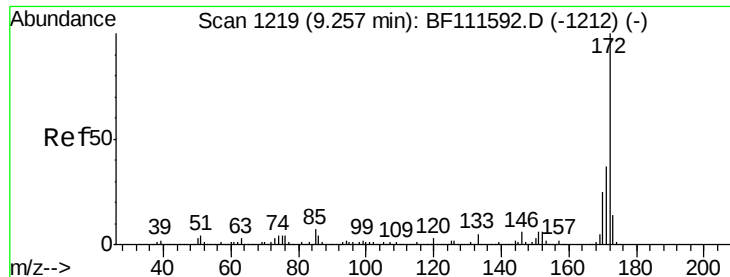


#44
 2,4,5-Trichlorophenol
 Concen: 41.176 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.02 min
 Lab File: BF111754.D
 Acq: 27 Dec 2018 11:19

Tgt Ion:196 Resp: 296278
 Ion Ratio Lower Upper
 196 100
 198 96.5 72.9 109.3
 97 53.2 45.3 67.9
 132 28.3 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

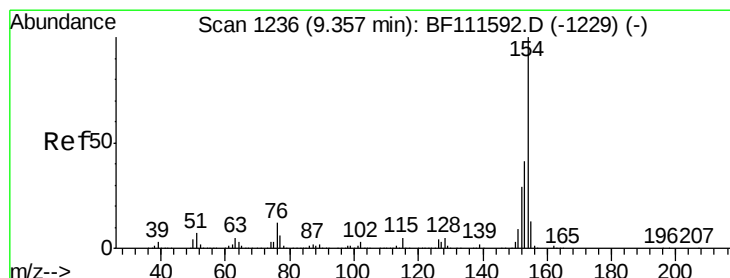
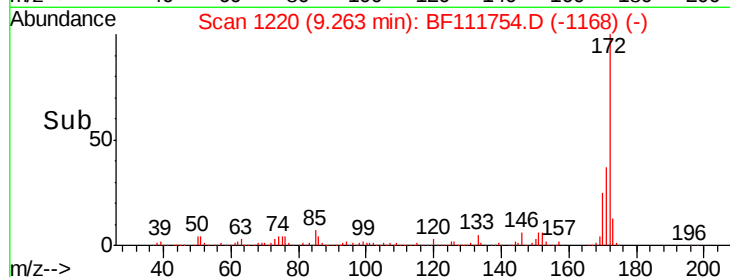
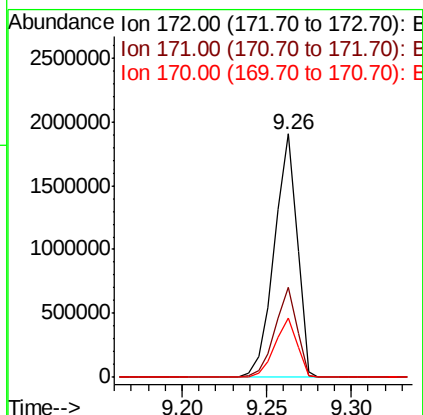
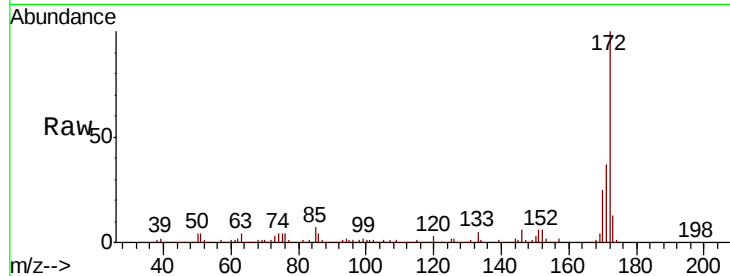




#45
2-Fluorobiphenyl
Concen: 80.169 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.01 min
Lab File: BF111754.D
Acq: 27 Dec 2018 11:19

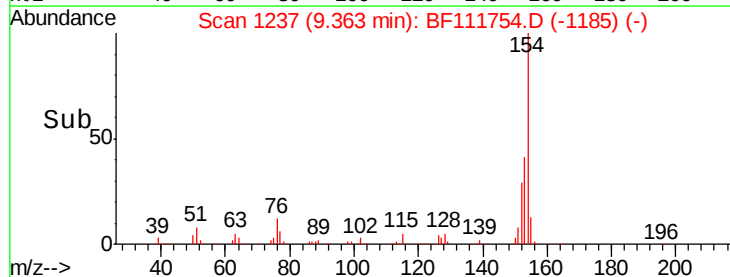
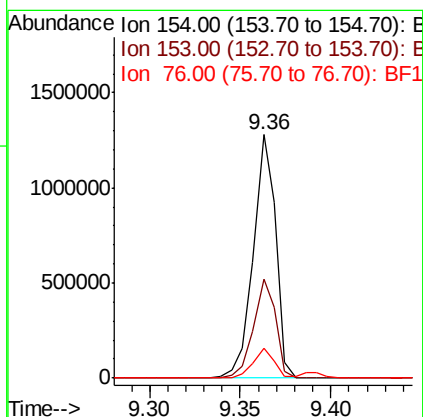
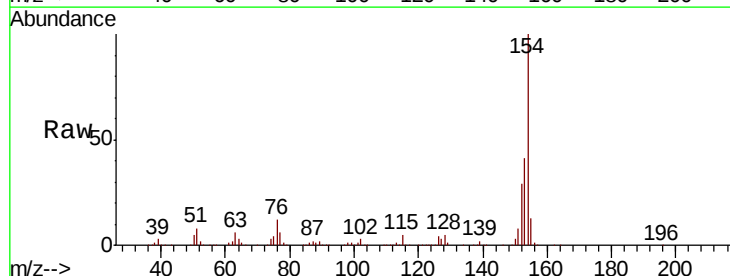
Instrument :
BNA_F
ClientSampleId :
DFTPP

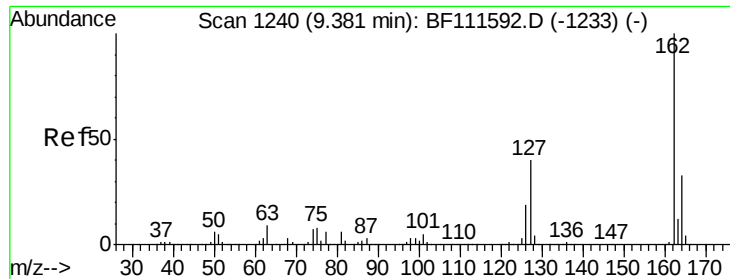
Tgt Ion:172 Resp: 1758390
Ion Ratio Lower Upper
172 100
171 37.2 33.0 49.4
170 24.6 22.3 33.5



#46
1,1'-Biphenyl
Concen: 40.534 ng
RT: 9.36 min Scan# 1237
Delta R.T. 0.01 min
Lab File: BF111754.D
Acq: 27 Dec 2018 11:19

Tgt Ion:154 Resp: 1093916
Ion Ratio Lower Upper
154 100
153 40.6 23.7 63.7
76 12.1 0.0 35.0

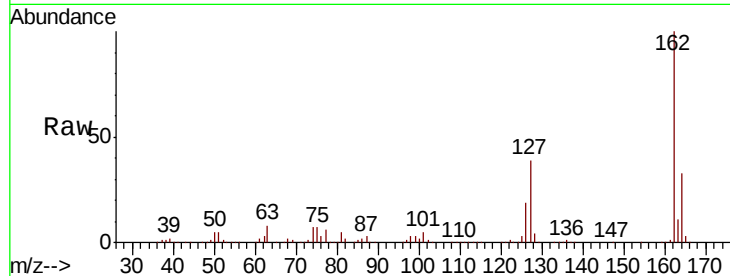




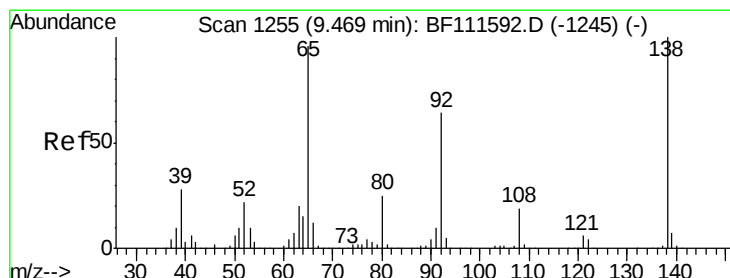
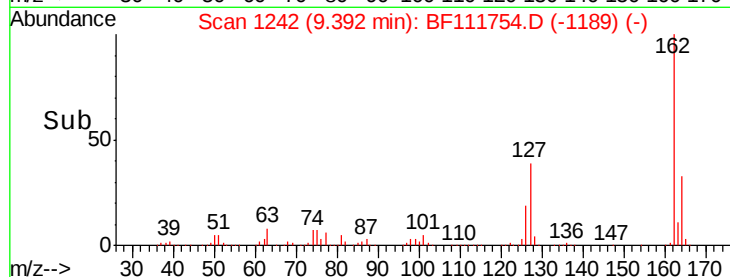
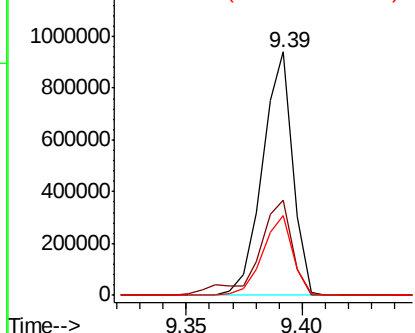
#47
 2-Chloronaphthalene
 Concen: 39.986 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. 0.01 min
 Lab File: BF111754.D
 Acq: 27 Dec 2018 11:19

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.3	35.0	52.4
164	32.6	28.4	42.6

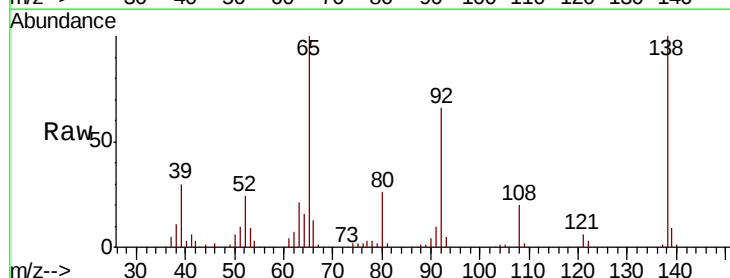


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

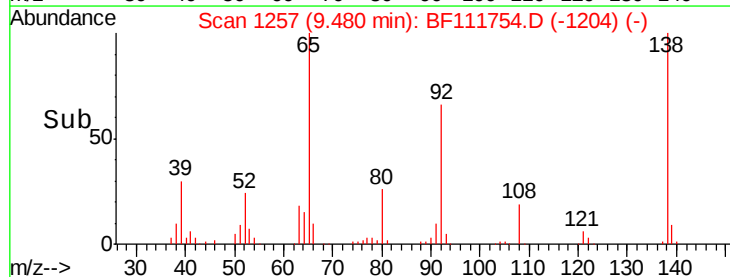
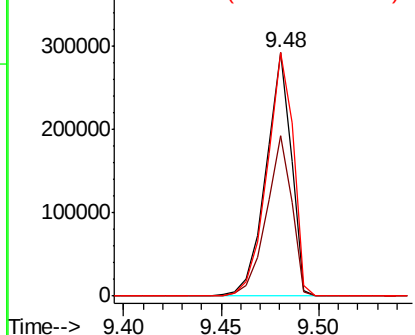


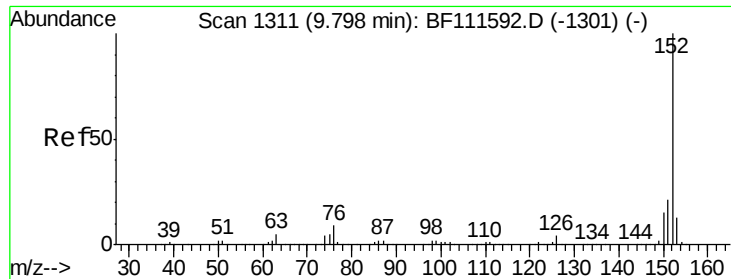
#48
 2-Nitroaniline
 Concen: 47.285 ng
 RT: 9.48 min Scan# 1257
 Delta R.T. 0.01 min
 Lab File: BF111754.D
 Acq: 27 Dec 2018 11:19

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.7	53.5	80.3
138	100.0	80.9	121.3



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





#49

Acenaphthylene

Concen: 39.930 ng

RT: 9.81 min Scan# 1313

Delta R.T. 0.01 min

Lab File: BF111754.D

Acq: 27 Dec 2018 11:19

Instrument :

BNA_F

ClientSampleId :

DFTPP

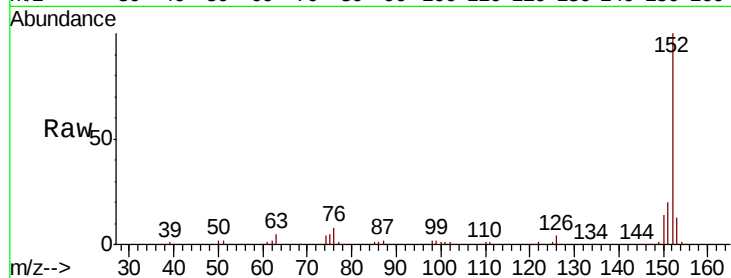
Tgt Ion:152 Resp: 1246570

Ion Ratio Lower Upper

152 100

151 20.4 18.0 27.0

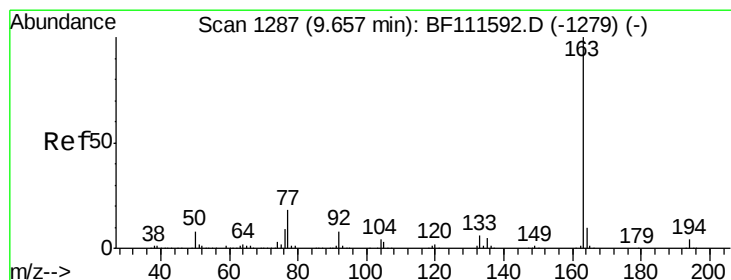
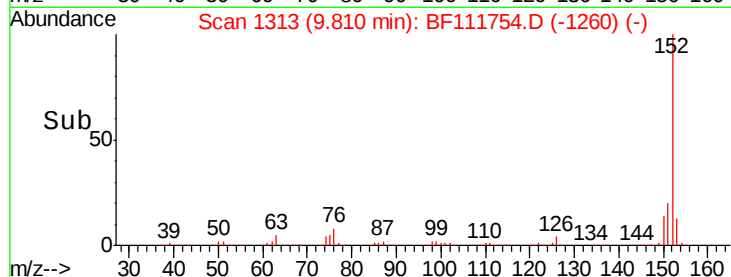
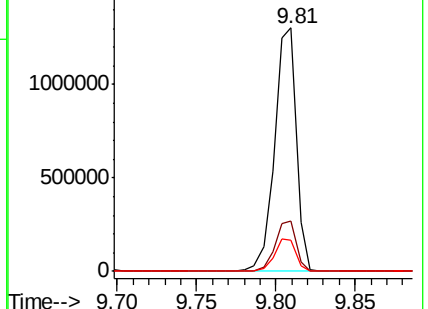
153 12.9 12.3 18.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.503 ng

RT: 9.66 min Scan# 1288

Delta R.T. 0.01 min

Lab File: BF111754.D

Acq: 27 Dec 2018 11:19

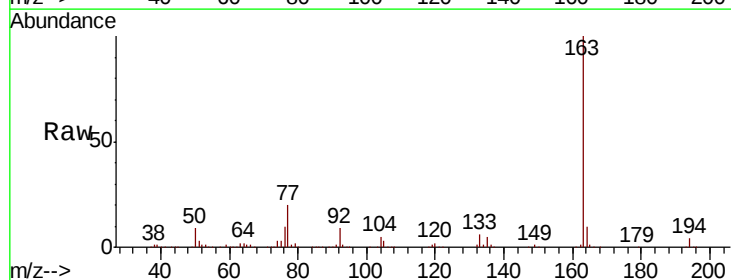
Tgt Ion:163 Resp: 946912

Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

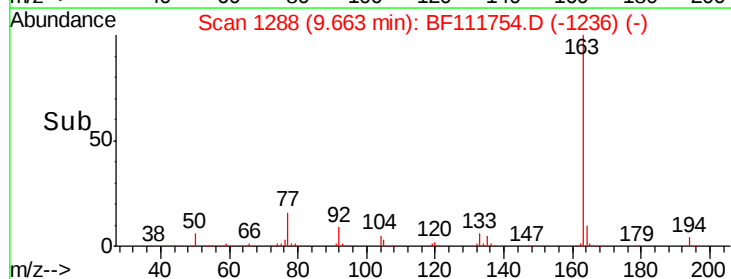
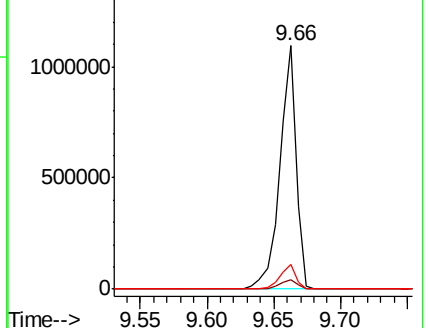
164 10.3 8.9 13.3

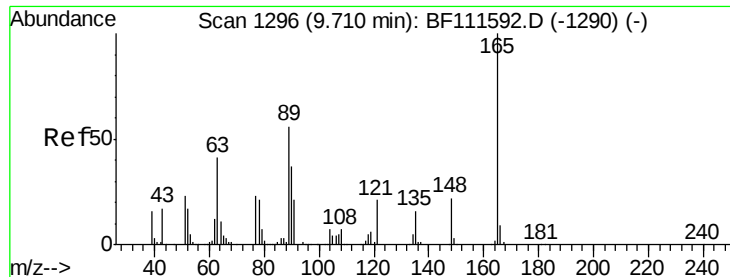


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

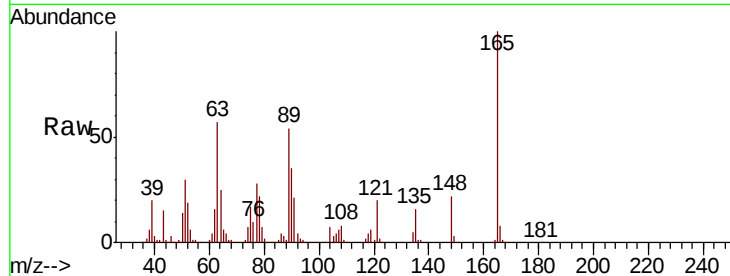




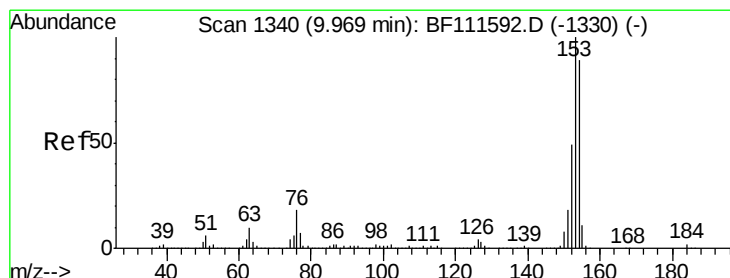
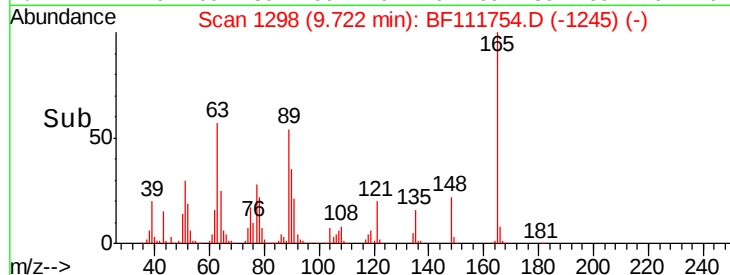
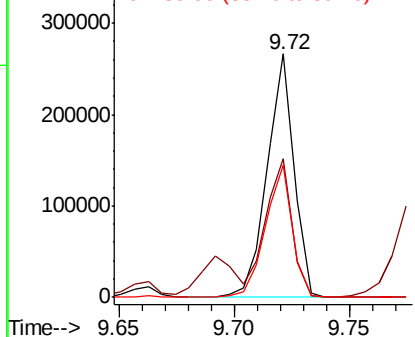
#51
2,6-Dinitrotoluene
Concen: 46.380 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.01 min
Lab File: BF111754.D
Acq: 27 Dec 2018 11:19

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:165 Resp: 216207
Ion Ratio Lower Upper
165 100
63 56.8 40.5 60.7
89 54.3 40.0 60.0

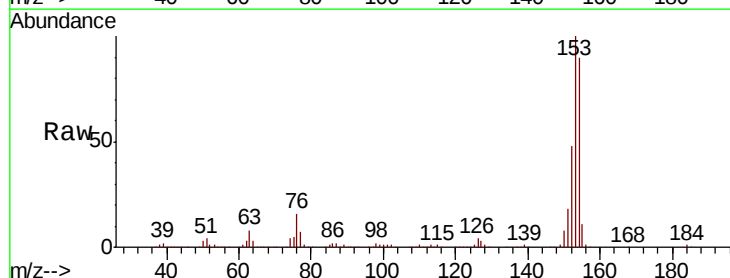


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

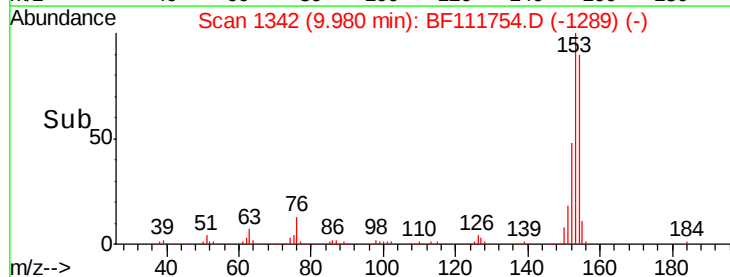
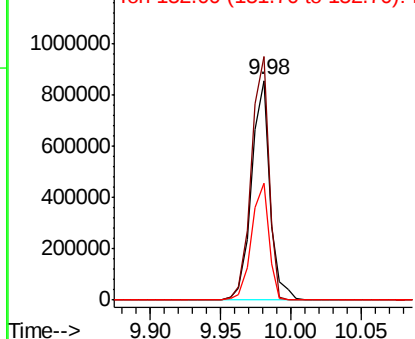


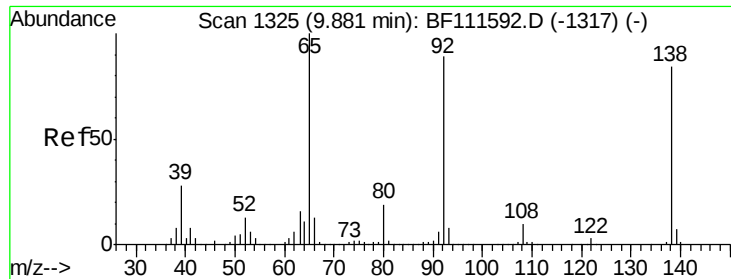
#52
Acenaphthene
Concen: 40.921 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF111754.D
Acq: 27 Dec 2018 11:19

Tgt Ion:154 Resp: 787918
Ion Ratio Lower Upper
154 100
153 111.0 87.8 131.8
152 53.6 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

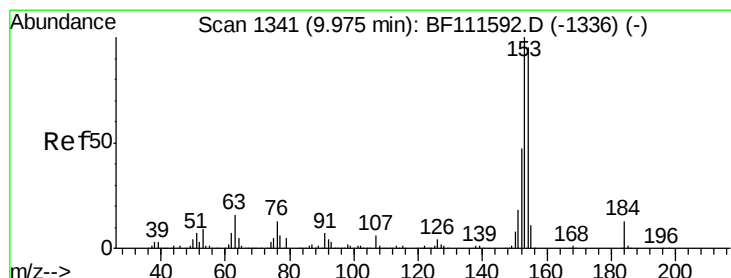
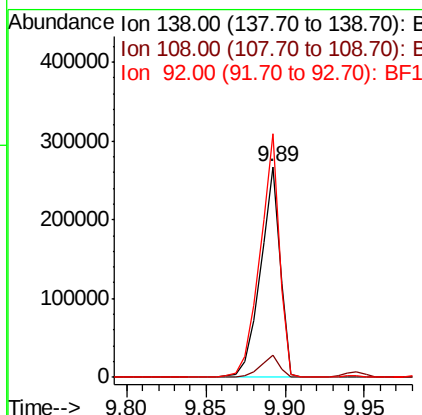
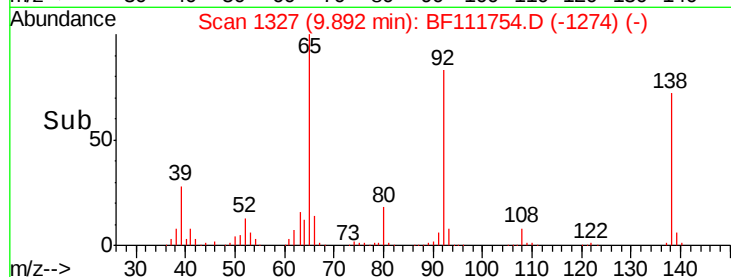
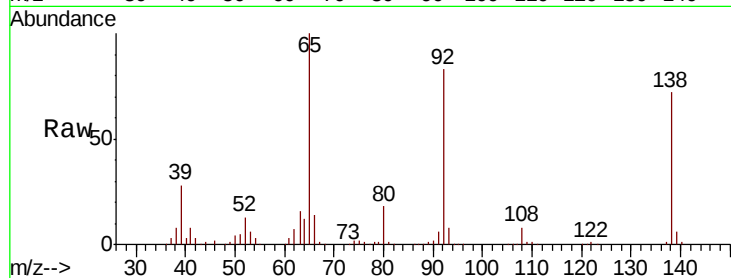




#53
 3-Nitroaniline
 Concen: 46.874 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.01 min
 Lab File: BF111754.D
 Acq: 27 Dec 2018 11:19

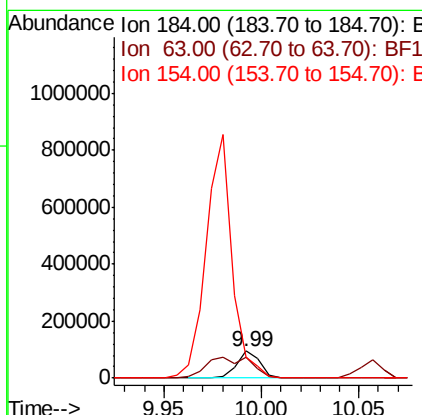
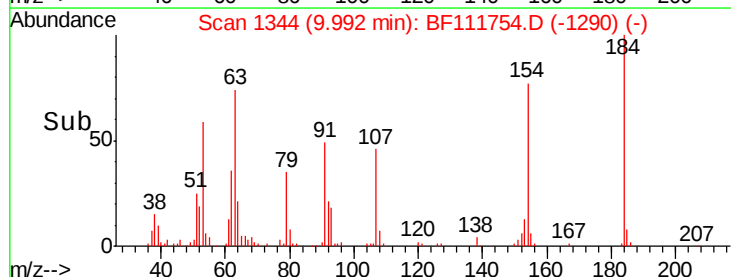
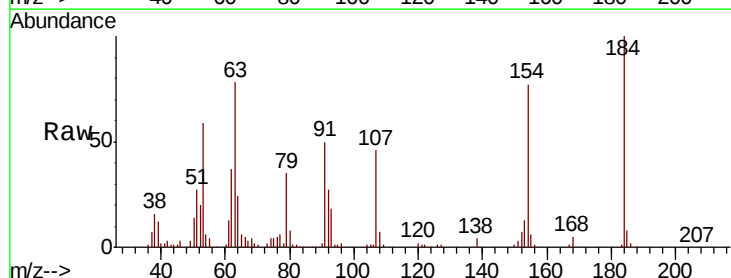
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

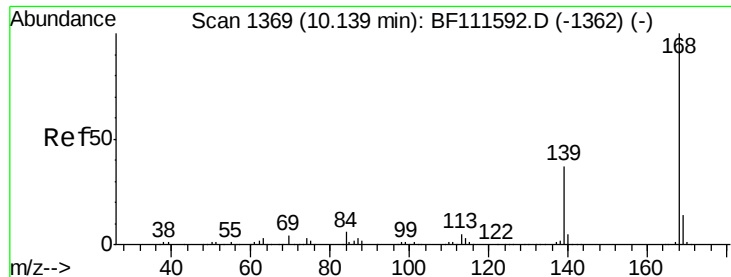
Tgt Ion:138 Resp: 233040
 Ion Ratio Lower Upper
 138 100
 108 10.4 8.2 12.4
 92 115.4 93.4 140.2



#54
 2,4-Dinitrophenol
 Concen: 55.382 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. 0.02 min
 Lab File: BF111754.D
 Acq: 27 Dec 2018 11:19

Tgt Ion:184 Resp: 79151
 Ion Ratio Lower Upper
 184 100
 63 77.8 62.3 93.5
 154 77.0 56.2 84.2

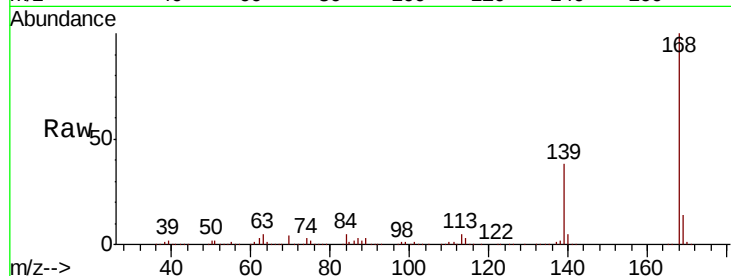




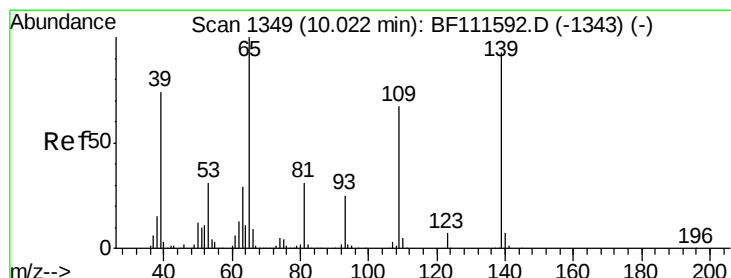
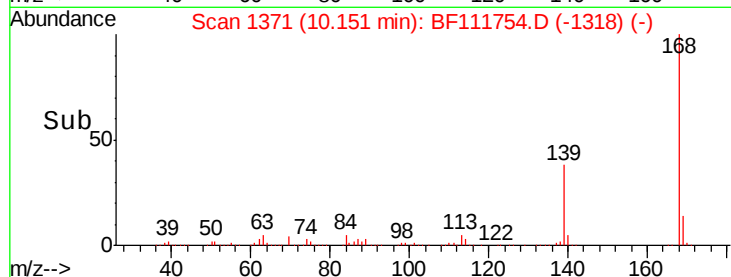
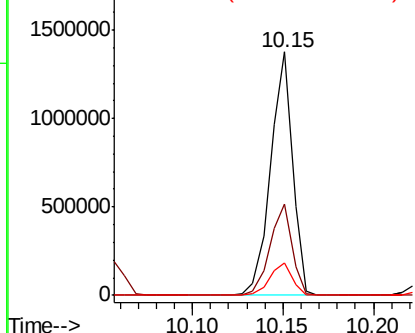
#55
Dibenzenofuran
Concen: 39.947 ng
RT: 10.15 min Scan# 1371
Delta R.T. 0.01 min
Lab File: BF111754.D
Acq: 27 Dec 2018 11:19

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:168 Resp: 1162034
Ion Ratio Lower Upper
168 100
139 37.6 32.6 49.0
169 13.5 11.8 17.6

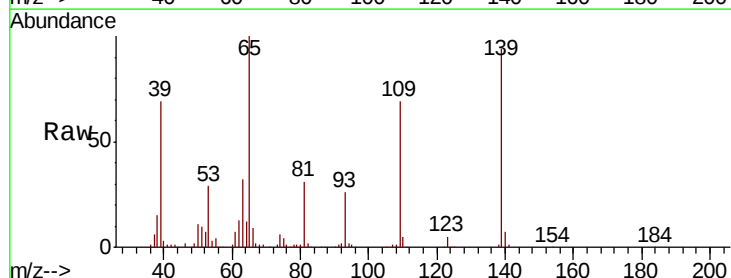


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

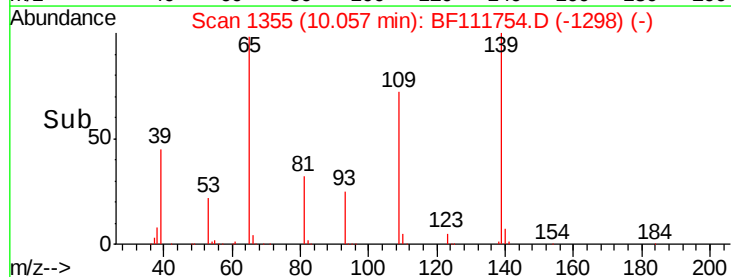
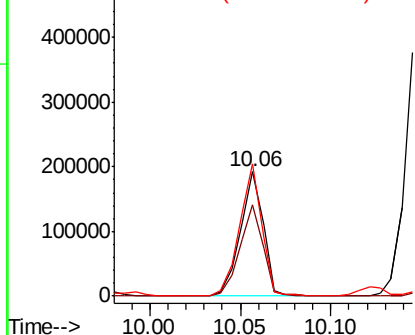


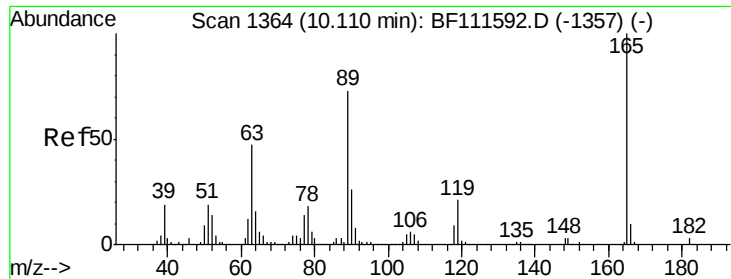
#56
4-Nitrophenol
Concen: 44.739 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.04 min
Lab File: BF111754.D
Acq: 27 Dec 2018 11:19

Tgt Ion:139 Resp: 169745
Ion Ratio Lower Upper
139 100
109 73.3 41.8 81.8
65 106.2 79.6 119.6



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

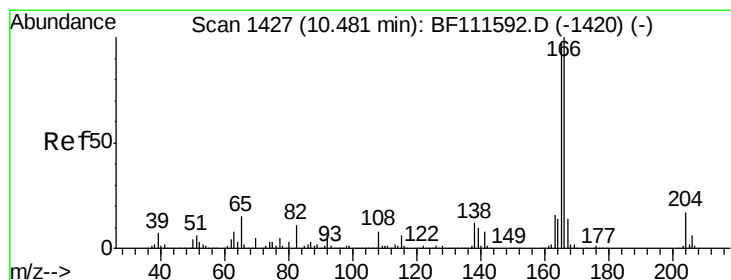
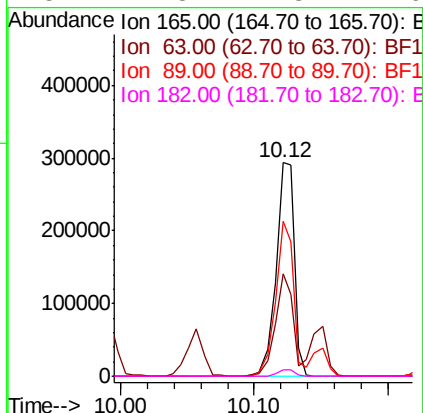
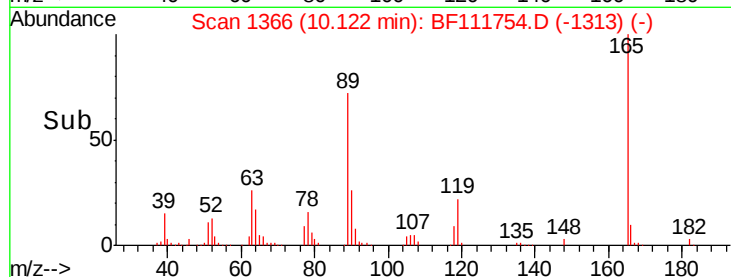
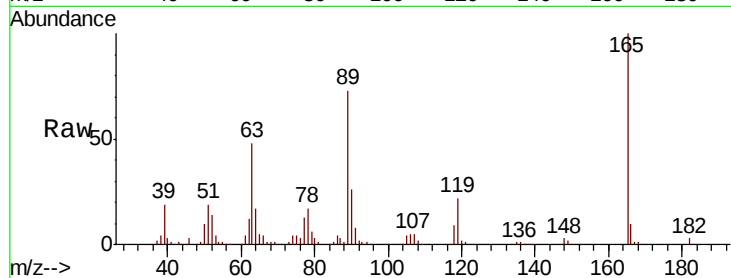




#57
2,4-Dinitrotoluene
Concen: 50.337 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BF111754.D
Acq: 27 Dec 2018 11:19

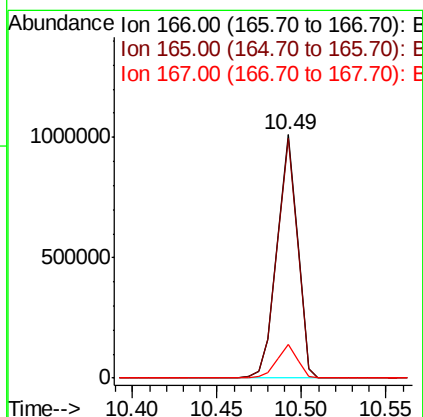
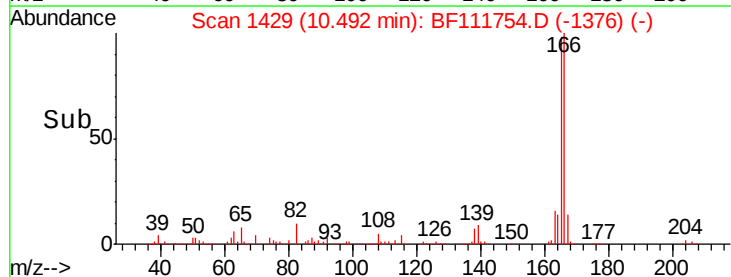
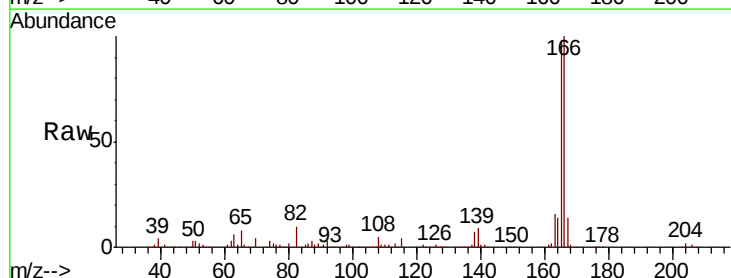
Instrument :
BNA_F
ClientSampleId :
DFTPP

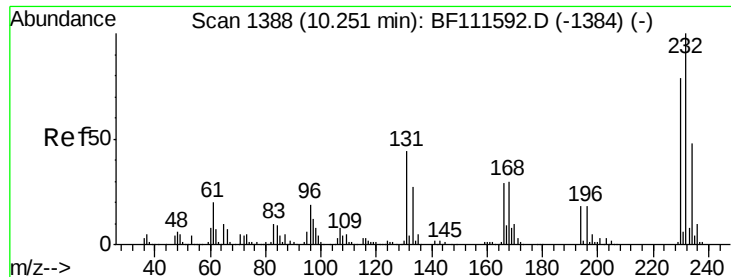
Tgt Ion	Ratio	Lower	Upper
165	100		
63	48.1	34.6	52.0
89	72.6	56.2	84.4
182	2.8	1.8	2.6#



#58
Fluorene
Concen: 40.130 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.01 min
Lab File: BF111754.D
Acq: 27 Dec 2018 11:19

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.4	117.6
167	13.6	11.2	16.8

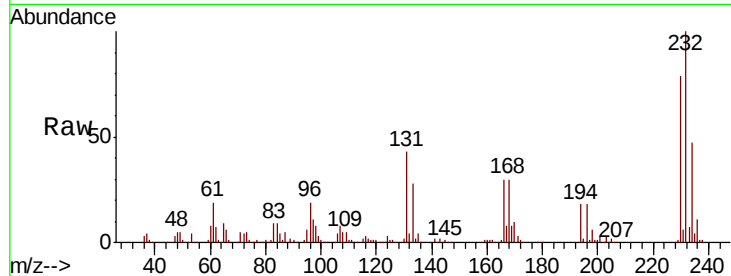




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.612 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.02 min
Lab File: BF111754.D
Acq: 27 Dec 2018 11:19

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion	Ratio	Lower	Upper
232	100		
131	42.5	40.9	61.3
130	2.2	2.0	3.0
166	29.6	26.8	40.2



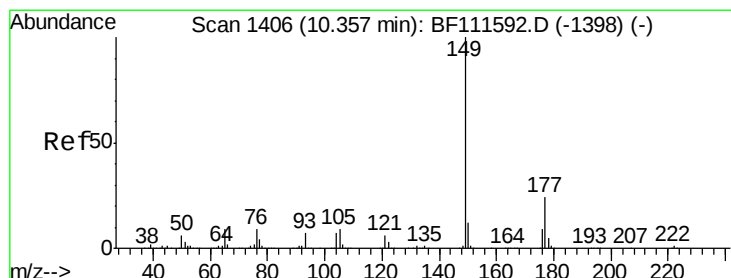
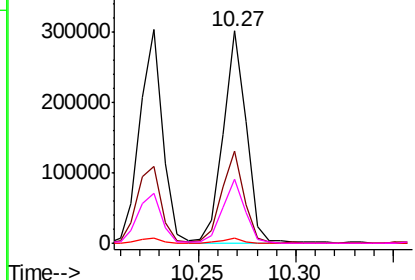
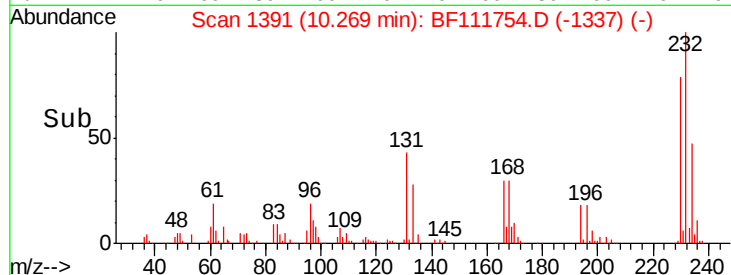
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

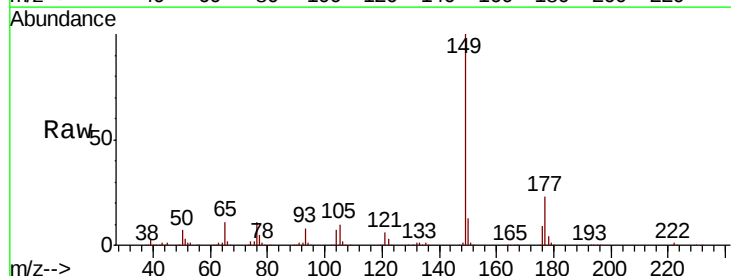
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 39.693 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.00 min
Lab File: BF111754.D
Acq: 27 Dec 2018 11:19

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.5	18.3	27.5
150	13.2	10.6	15.8

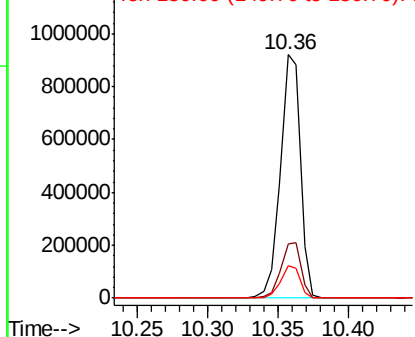
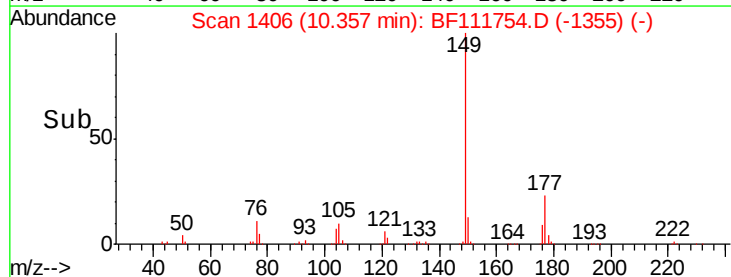


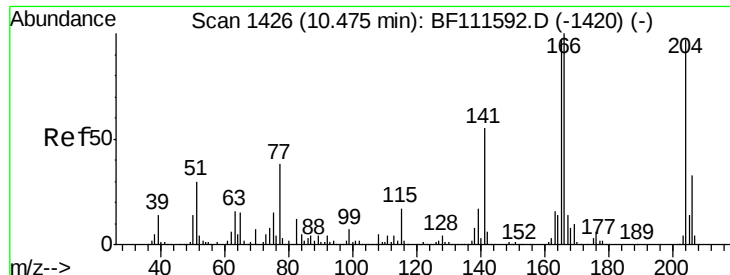
Abundance

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

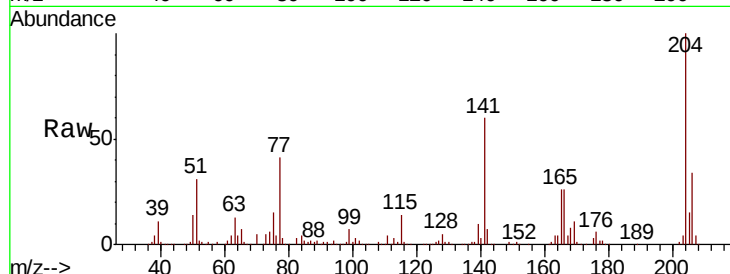




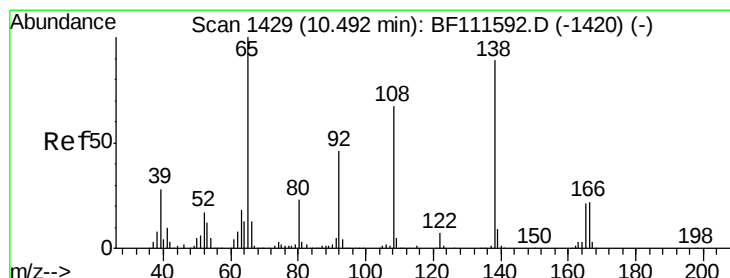
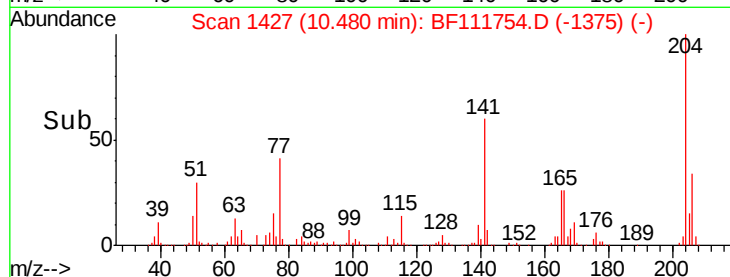
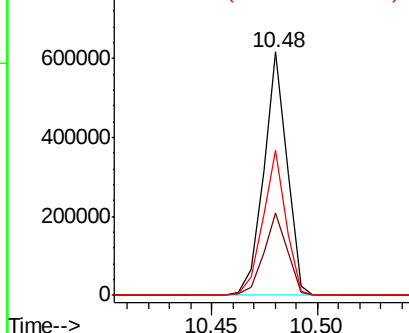
#61
 4-Chlorophenyl-phenylether
 Concen: 40.877 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. 0.01 min
 Lab File: BF111754.D
 Acq: 27 Dec 2018 11:19

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion:204 Resp: 473398
 Ion Ratio Lower Upper
 204 100
 206 33.8 26.6 39.8
 141 59.7 52.6 78.8

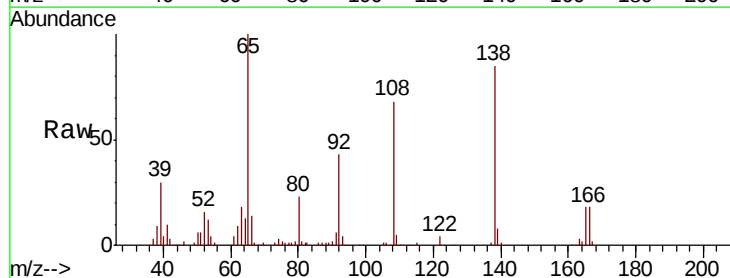


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

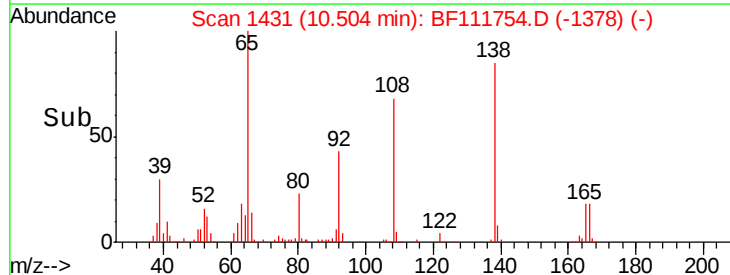
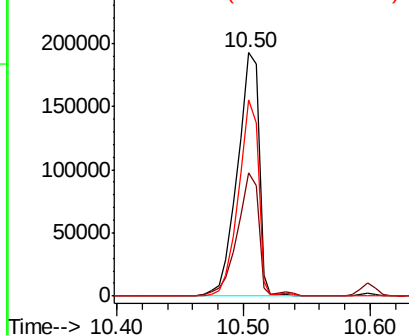


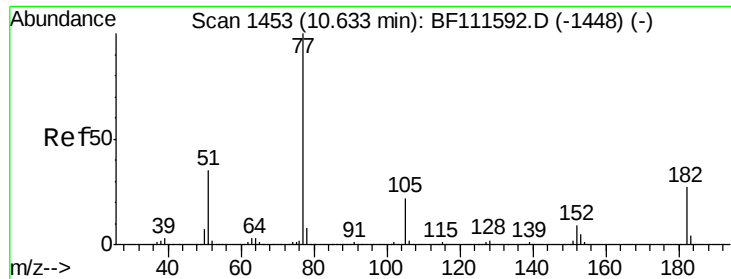
#62
 4-Nitroaniline
 Concen: 46.682 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. 0.01 min
 Lab File: BF111754.D
 Acq: 27 Dec 2018 11:19

Tgt Ion:138 Resp: 225571
 Ion Ratio Lower Upper
 138 100
 92 50.8 29.9 69.9
 108 80.7 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: 39.189 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.01 min

Lab File: BF111754.D

Acq: 27 Dec 2018 11:19

Instrument :

BNA_F

ClientSampleId :

DFTPP

Tgt Ion: 77 Resp: 902246

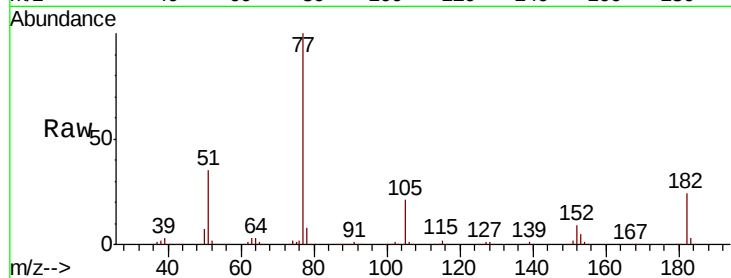
Ion Ratio Lower Upper

77 100

182 24.2 4.9 44.9

105 20.5 6.0 46.0

51 35.1 14.7 54.7

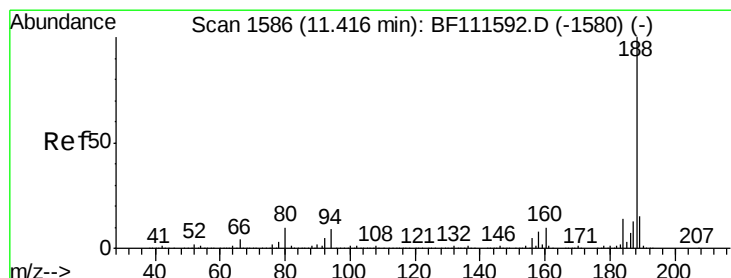
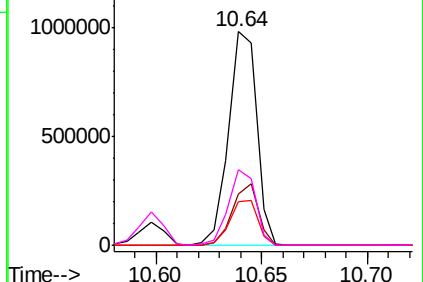
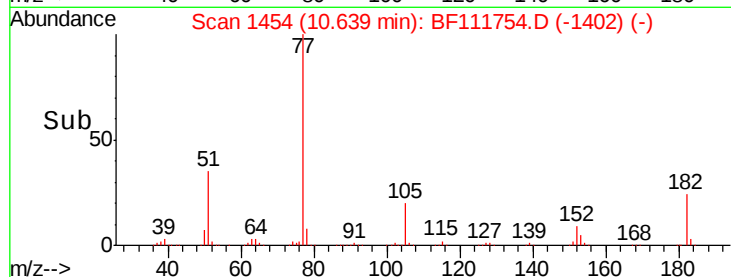


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF111754.D

Acq: 27 Dec 2018 11:19

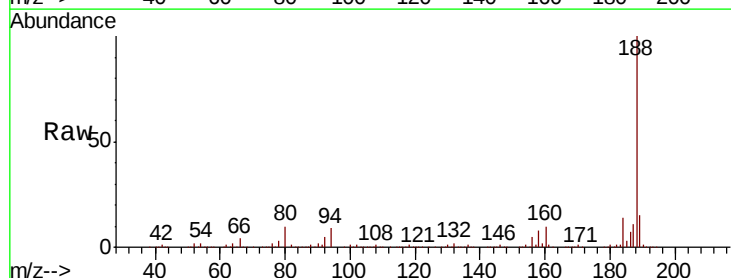
Tgt Ion: 188 Resp: 593631

Ion Ratio Lower Upper

188 100

94 9.5 9.6 14.4#

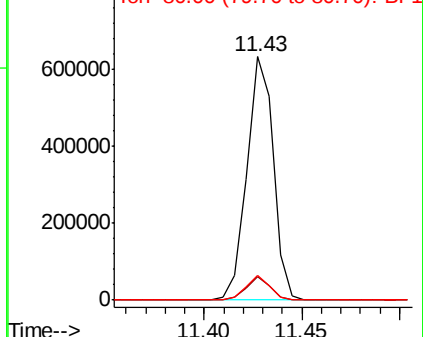
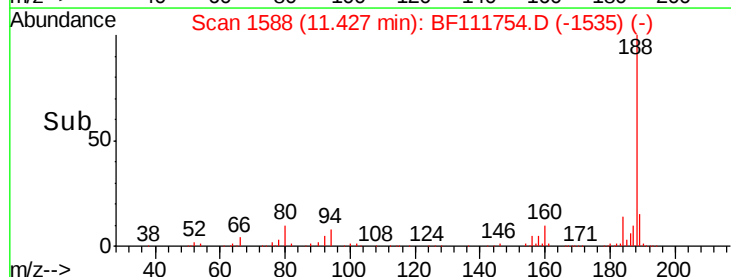
80 9.9 9.8 14.6

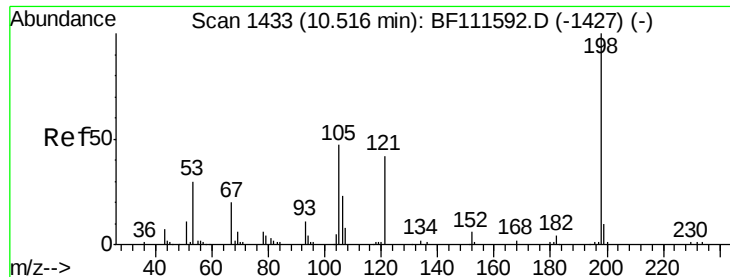


Abundance Ion 188.00 (187.70 to 188.70): E

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: 53.930 ng

RT: 10.53 min Scan# 1436

Delta R.T. 0.02 min

Lab File: BF111754.D

Acq: 27 Dec 2018 11:19

Instrument :

BNA_F

ClientSampleId :

DFTPP

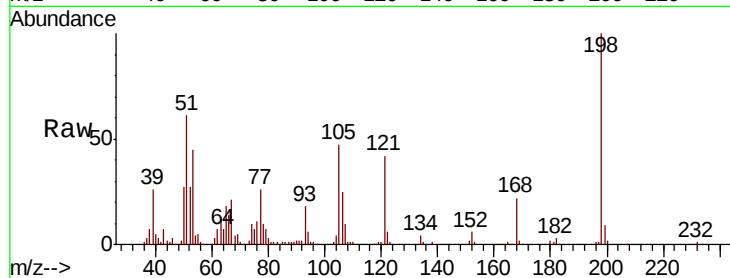
Tgt Ion:198 Resp: 134670

Ion Ratio Lower Upper

198 100

51 60.7 48.0 88.0

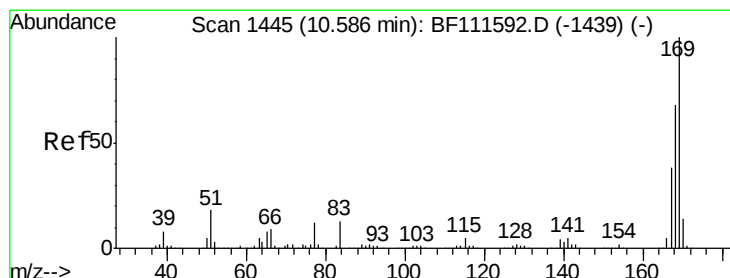
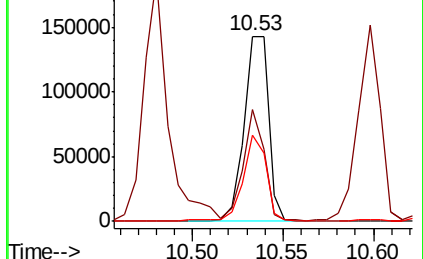
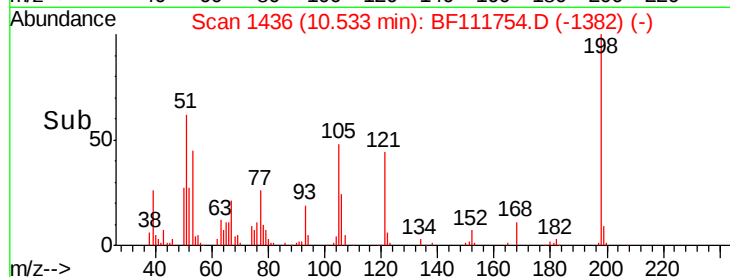
105 46.8 34.0 74.0



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: 40.571 ng

RT: 10.60 min Scan# 1447

Delta R.T. 0.01 min

Lab File: BF111754.D

Acq: 27 Dec 2018 11:19

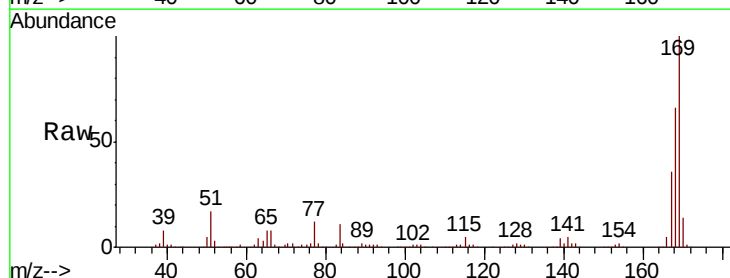
Tgt Ion:169 Resp: 808469

Ion Ratio Lower Upper

169 100

168 66.5 54.4 81.6

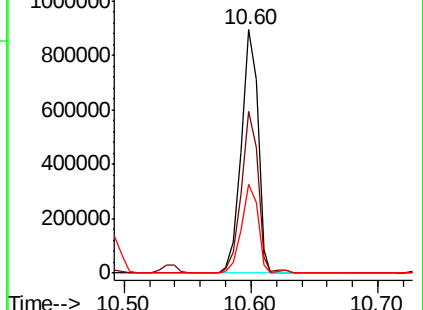
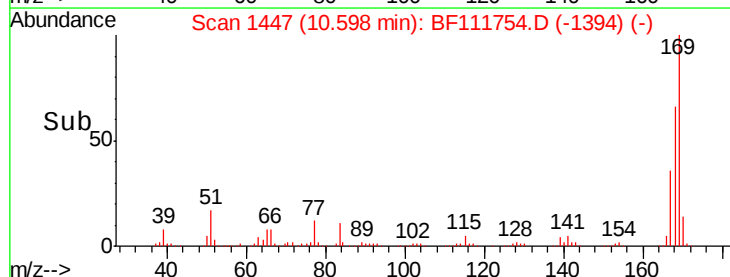
167 36.2 30.5 45.7

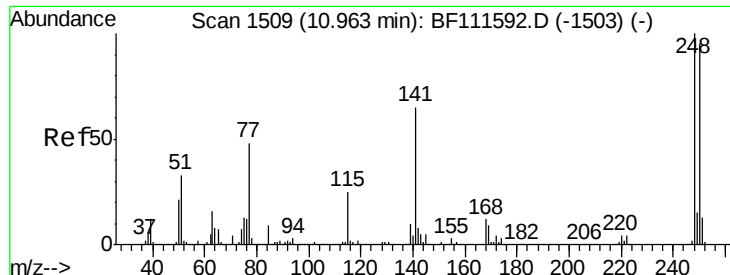


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

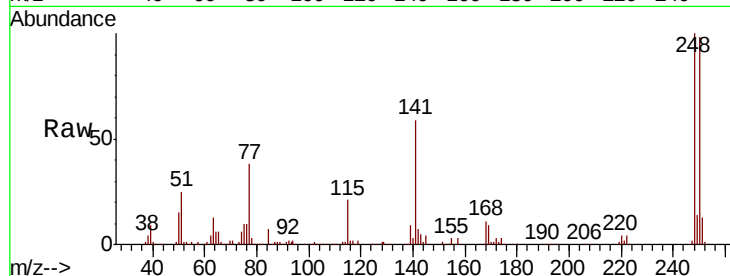




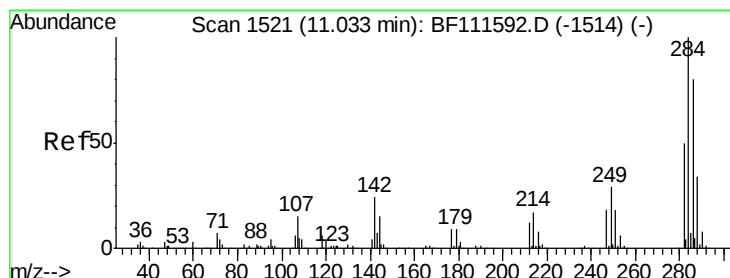
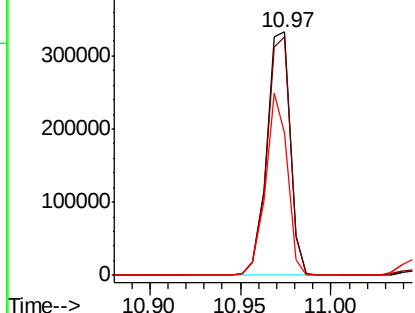
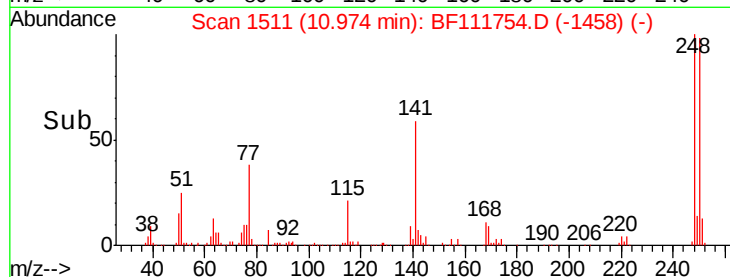
#67
 4-Bromophenyl-phenylether
 Concen: 40.814 ng
 RT: 10.97 min Scan# 1511
 Delta R.T. 0.01 min
 Lab File: BF111754.D
 Acq: 27 Dec 2018 11:19

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion: 248 Resp: 300510
 Ion Ratio Lower Upper
 248 100
 250 98.1 77.0 115.4
 141 58.5 63.0 94.6#

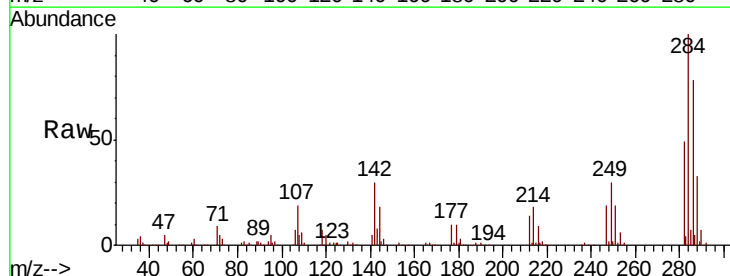


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

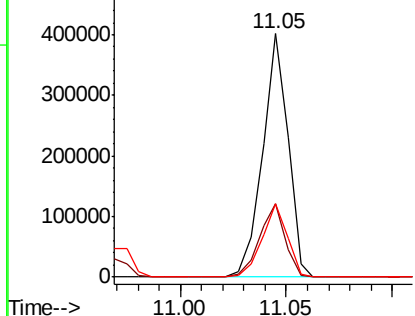
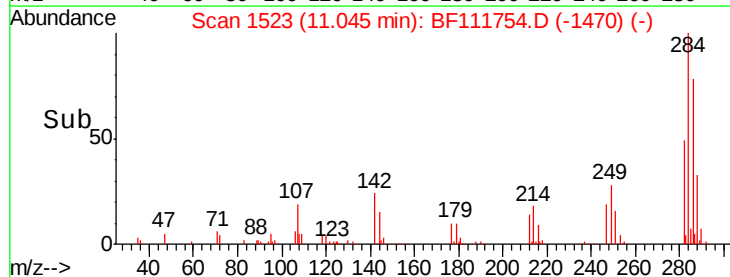


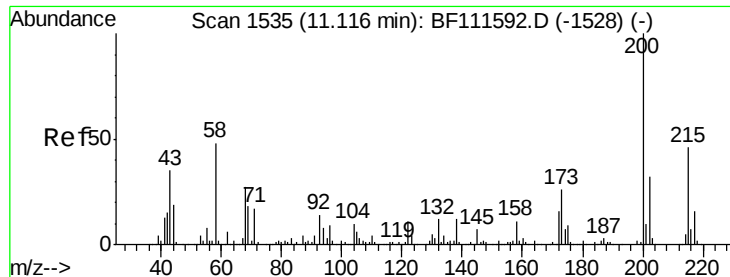
#68
 Hexachlorobenzene
 Concen: 41.036 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. 0.01 min
 Lab File: BF111754.D
 Acq: 27 Dec 2018 11:19

Tgt Ion: 284 Resp: 336888
 Ion Ratio Lower Upper
 284 100
 142 30.1 27.4 41.2
 249 30.3 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: 40.059 ng

RT: 11.13 min Scan# 1537

Delta R.T. 0.01 min

Lab File: BF111754.D

Acq: 27 Dec 2018 11:19

Instrument :

BNA_F

ClientSampleId :

DFTPP

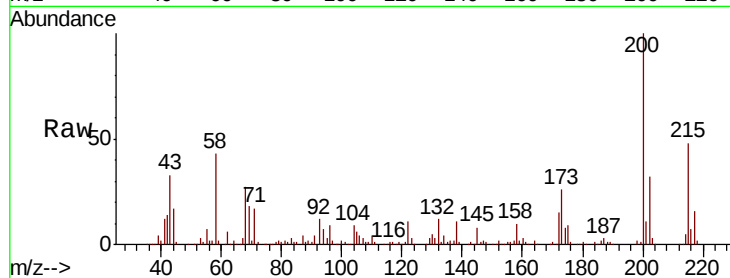
Tgt Ion:200 Resp: 277321

Ion Ratio Lower Upper

200 100

173 26.1 10.1 50.1

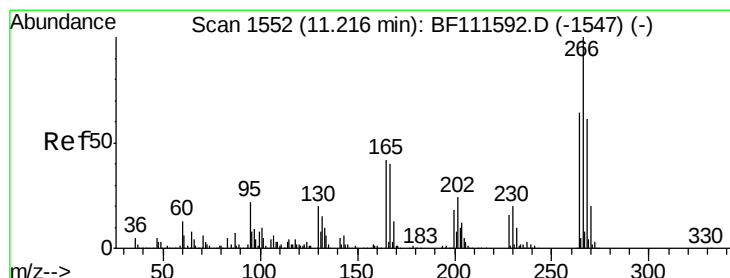
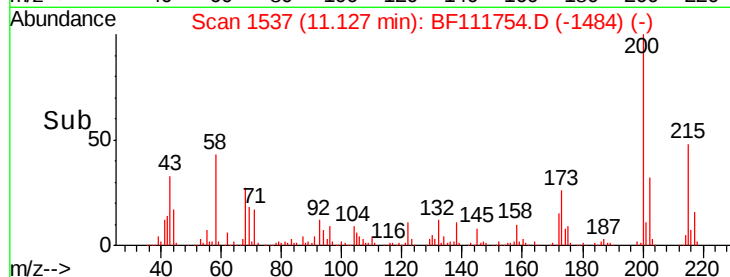
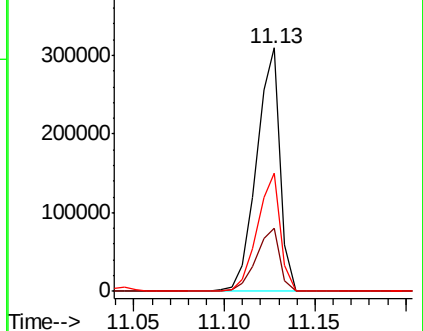
215 48.4 26.9 66.9



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: 39.109 ng

RT: 11.24 min Scan# 1556

Delta R.T. 0.02 min

Lab File: BF111754.D

Acq: 27 Dec 2018 11:19

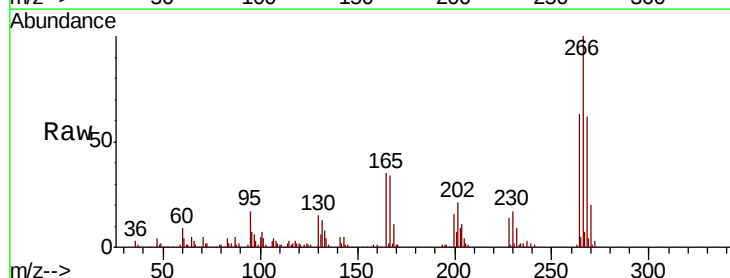
Tgt Ion:266 Resp: 198485

Ion Ratio Lower Upper

266 100

268 62.1 47.9 71.9

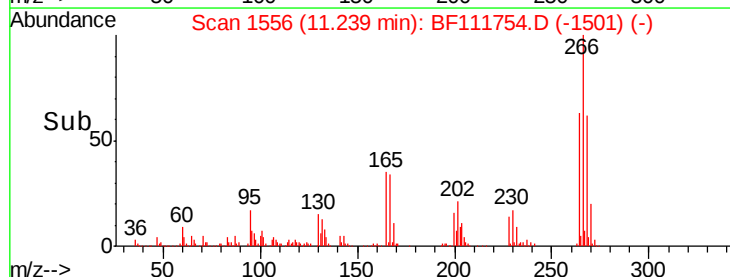
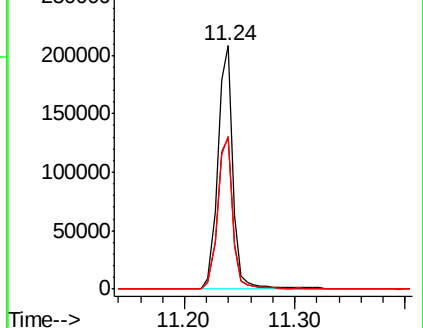
264 62.6 49.1 73.7

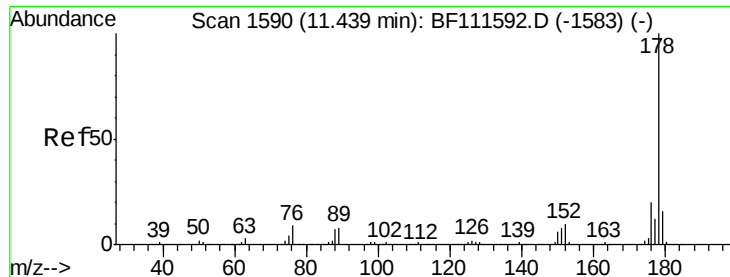


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 39.986 ng

RT: 11.46 min Scan# 1593

Delta R.T. 0.02 min

Lab File: BF111754.D

Acq: 27 Dec 2018 11:19

Instrument :

BNA_F

ClientSampleId :

DFTPP

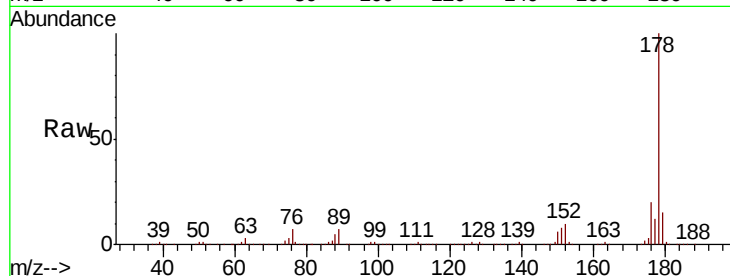
Tgt Ion:178 Resp: 1258856

Ion Ratio Lower Upper

178 100

176 19.8 18.1 27.1

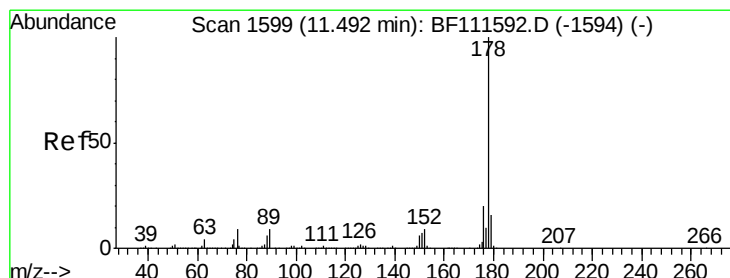
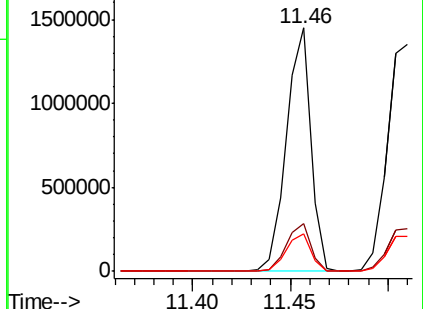
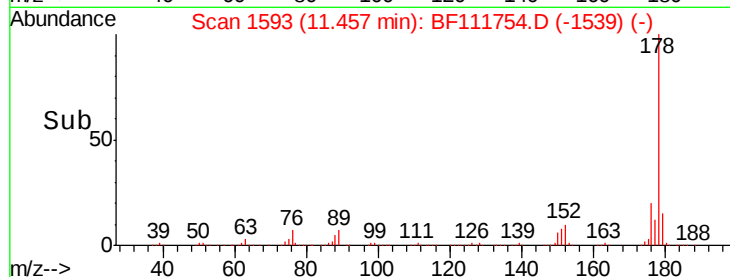
179 15.4 14.0 21.0



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: 39.978 ng

RT: 11.51 min Scan# 1602

Delta R.T. 0.02 min

Lab File: BF111754.D

Acq: 27 Dec 2018 11:19

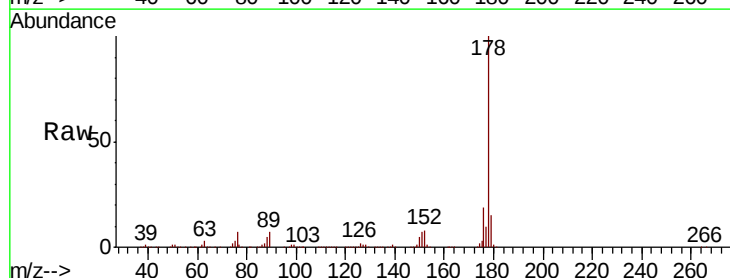
Tgt Ion:178 Resp: 1263327

Ion Ratio Lower Upper

178 100

176 18.9 17.2 25.8

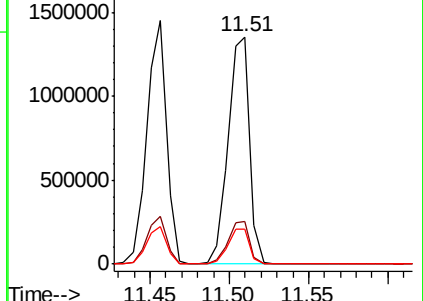
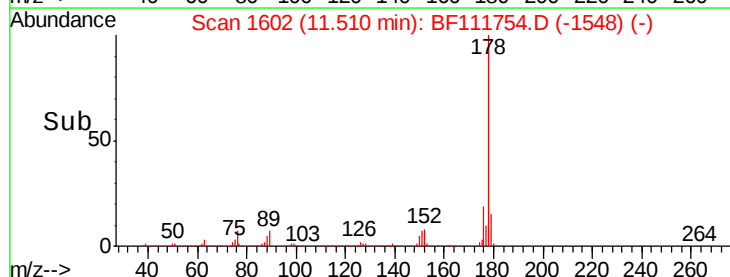
179 15.5 13.8 20.8

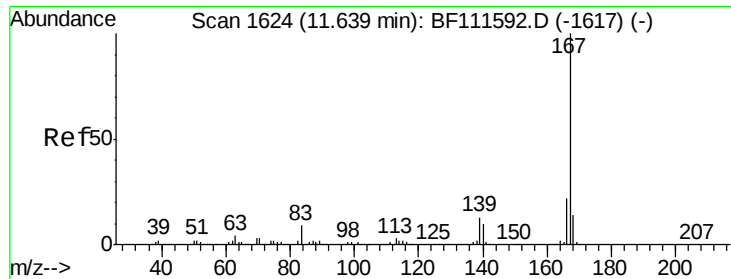


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

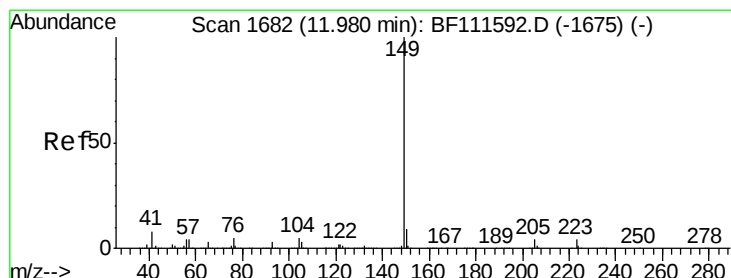
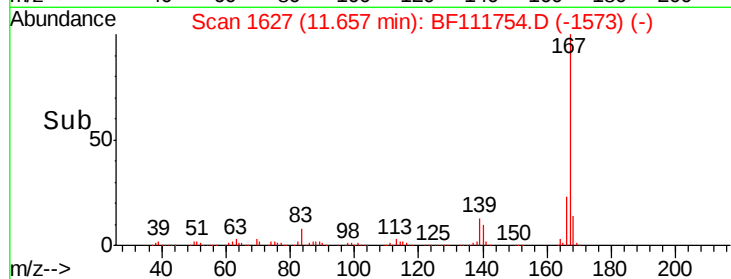
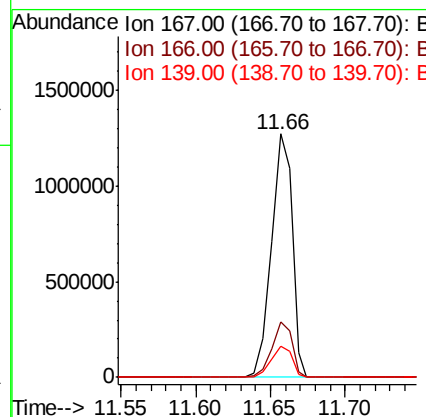
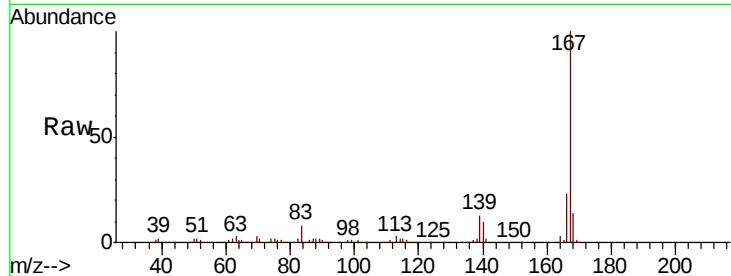




#73
 Carbazole
 Concen: 39.666 ng
 RT: 11.66 min Scan# 1627
 Delta R.T. 0.02 min
 Lab File: BF111754.D
 Acq: 27 Dec 2018 11:19

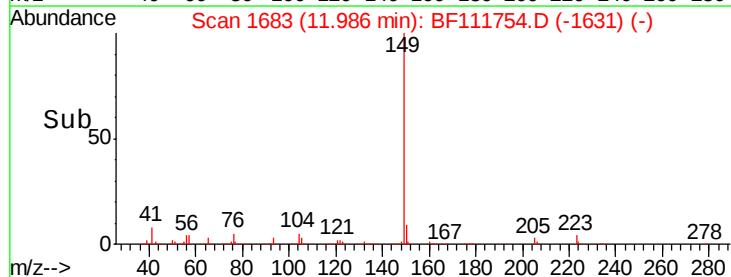
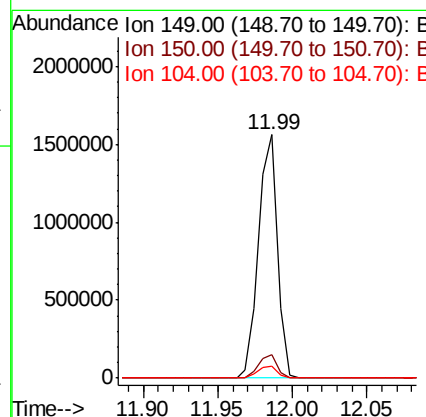
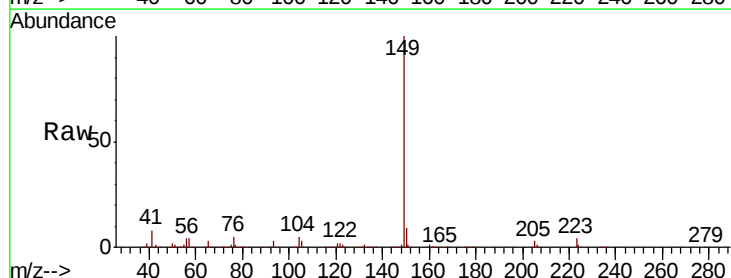
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

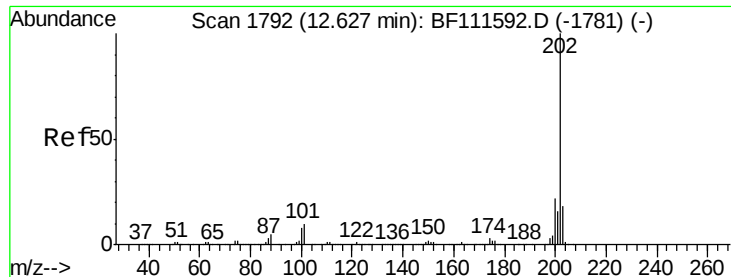
Tgt Ion:167 Resp: 1216946
 Ion Ratio Lower Upper
 167 100
 166 22.6 19.3 28.9
 139 12.9 11.9 17.9



#74
 Di-n-butylphthalate
 Concen: 39.394 ng
 RT: 11.99 min Scan# 1683
 Delta R.T. 0.01 min
 Lab File: BF111754.D
 Acq: 27 Dec 2018 11:19

Tgt Ion:149 Resp: 1355065
 Ion Ratio Lower Upper
 149 100
 150 9.4 8.8 13.2
 104 4.8 4.5 6.7





#75

Fluoranthene

Concen: 38.685 ng

RT: 12.64 min Scan# 1795

Delta R.T. 0.02 min

Lab File: BF111754.D

Acq: 27 Dec 2018 11:19

Instrument :

BNA_F

ClientSampleId :

DFTPP

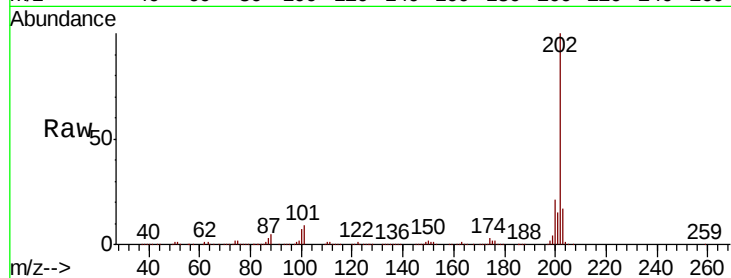
Tgt Ion:202 Resp: 1233285

Ion Ratio Lower Upper

202 100

101 9.3 0.0 33.8

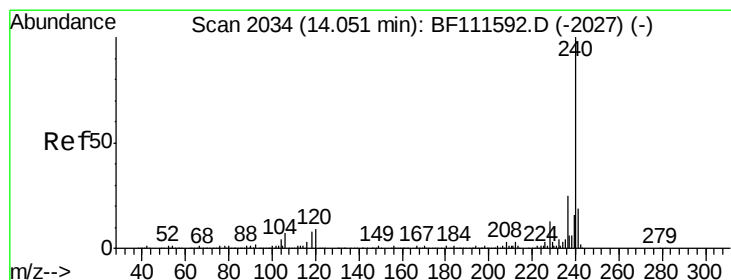
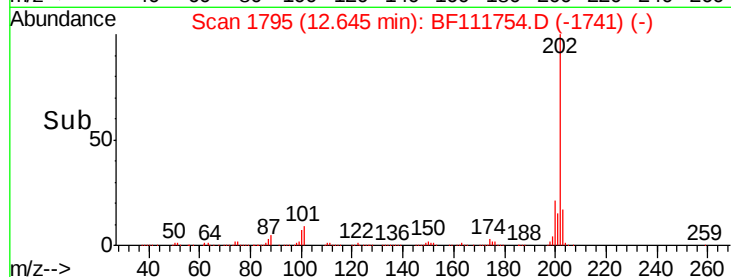
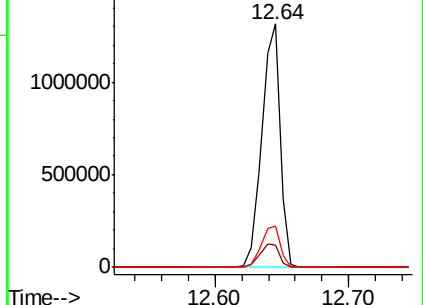
203 17.3 0.0 38.6



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: 14.07 min Scan# 2037

Delta R.T. 0.02 min

Lab File: BF111754.D

Acq: 27 Dec 2018 11:19

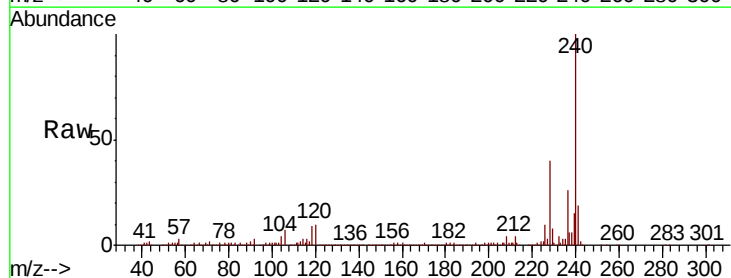
Tgt Ion:240 Resp: 402002

Ion Ratio Lower Upper

240 100

120 10.5 12.2 18.2#

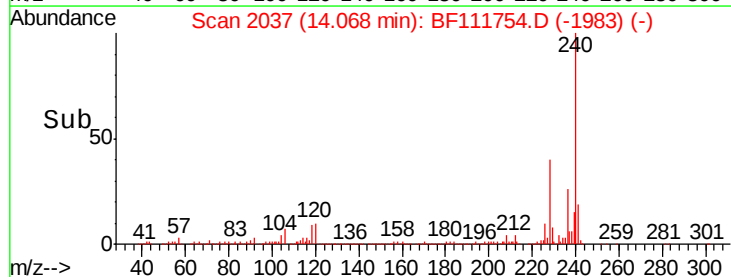
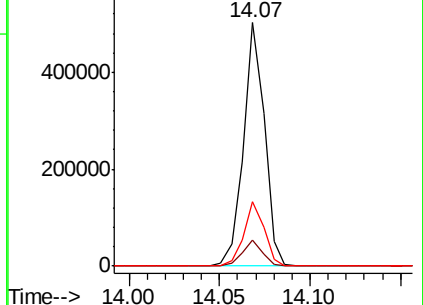
236 26.5 20.2 30.2

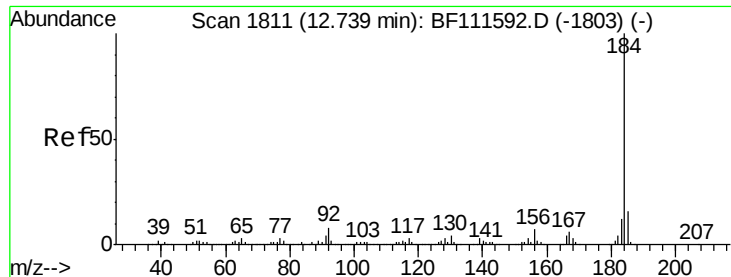


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 39.445 ng

RT: 12.76 min Scan# 1814

Delta R.T. 0.02 min

Lab File: BF111754.D

Acq: 27 Dec 2018 11:19

Instrument :

BNA_F

ClientSampleId :

DFTPP

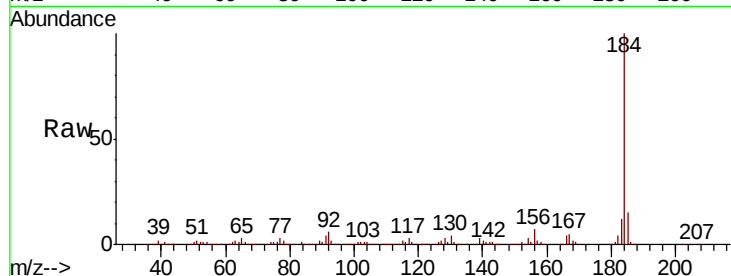
Tgt Ion:184 Resp: 596690

Ion Ratio Lower Upper

184 100

185 15.3 13.0 19.6

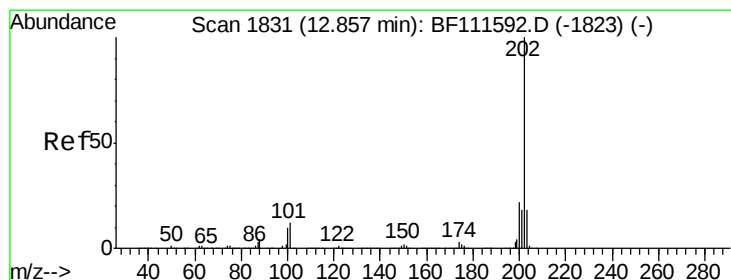
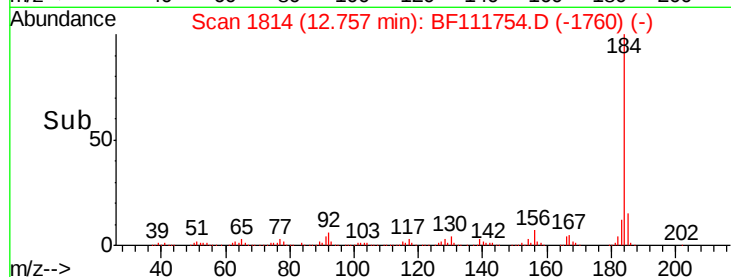
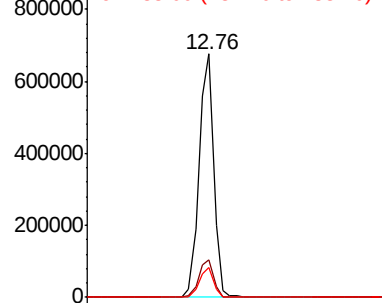
183 12.1 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.921 ng

RT: 12.87 min Scan# 1834

Delta R.T. 0.02 min

Lab File: BF111754.D

Acq: 27 Dec 2018 11:19

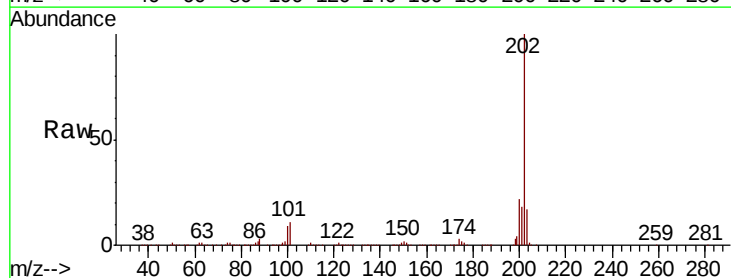
Tgt Ion:202 Resp: 1246862

Ion Ratio Lower Upper

202 100

200 21.7 19.0 28.4

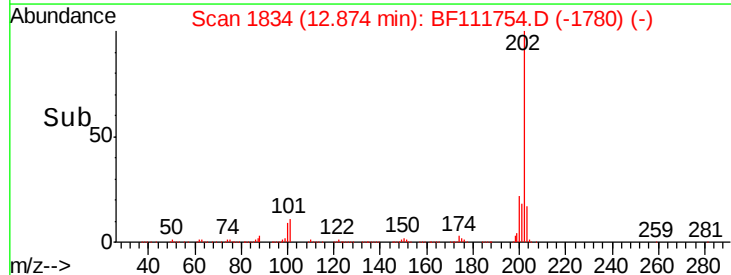
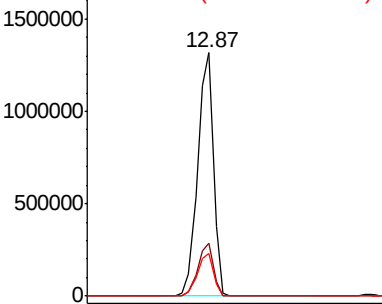
203 17.3 15.2 22.8

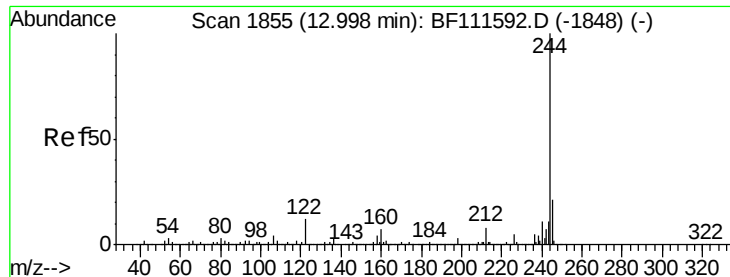


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 86.280 ng

RT: 13.02 min Scan# 1858

Delta R.T. 0.02 min

Lab File: BF111754.D

Acq: 27 Dec 2018 11:19

Instrument :

BNA_F

ClientSampleId :

DFTPP

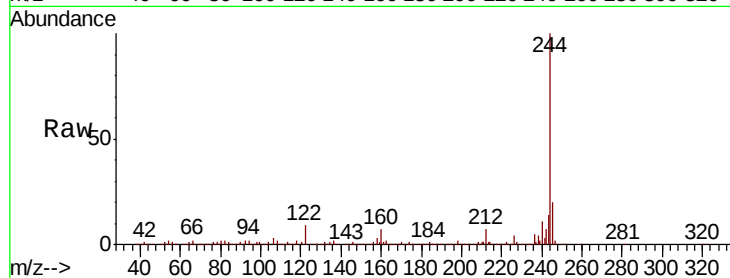
Tgt Ion:244 Resp: 1828951

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

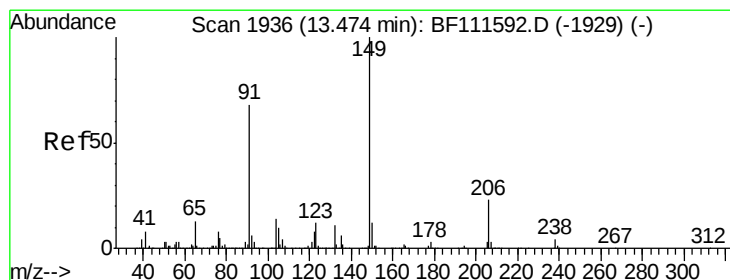
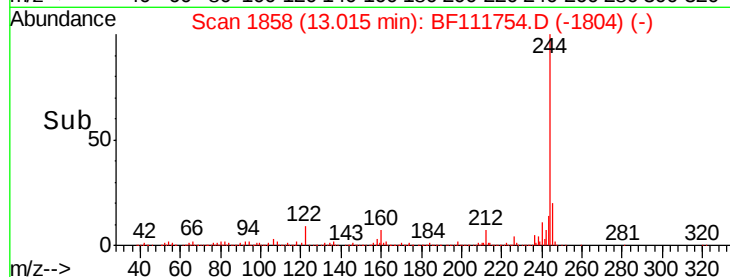
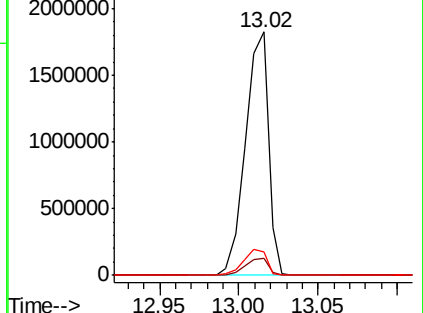
122 9.5 13.1 19.7#



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: 42.578 ng

RT: 13.48 min Scan# 1937

Delta R.T. 0.01 min

Lab File: BF111754.D

Acq: 27 Dec 2018 11:19

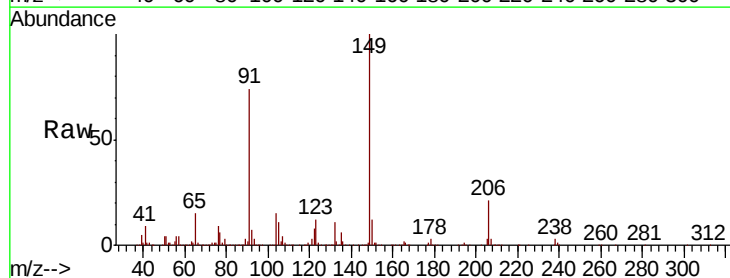
Tgt Ion:149 Resp: 492705

Ion Ratio Lower Upper

149 100

91 73.5 63.8 95.6

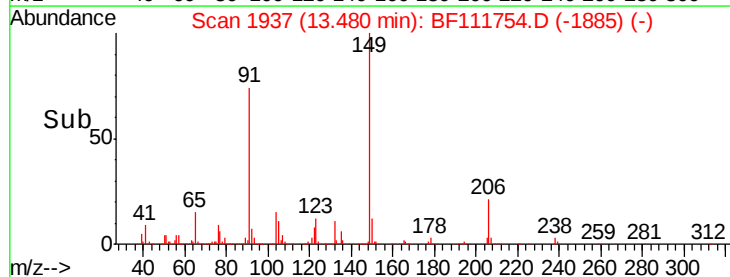
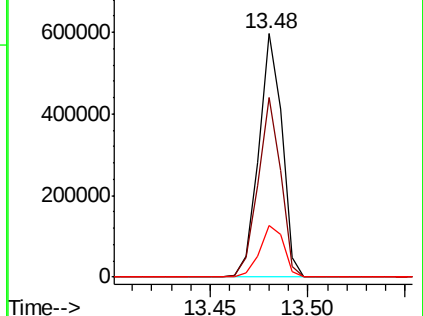
206 21.0 15.1 22.7

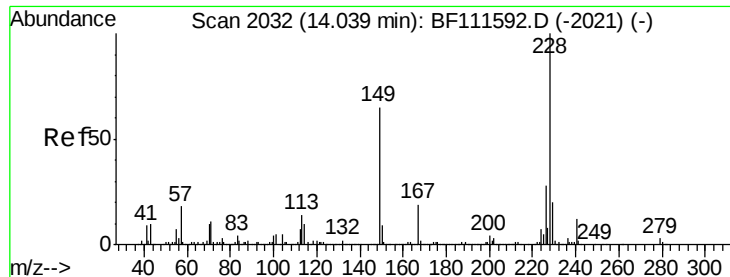


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.258 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.02 min

Lab File: BF111754.D

Acq: 27 Dec 2018 11:19

Instrument :

BNA_F

ClientSampleId :

DFTPP

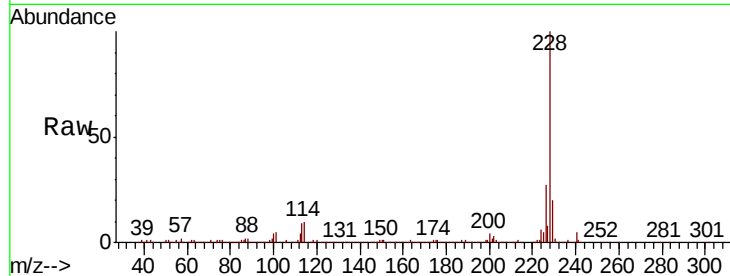
Tgt Ion:228 Resp: 946552

Ion Ratio Lower Upper

228 100

226 27.3 22.6 34.0

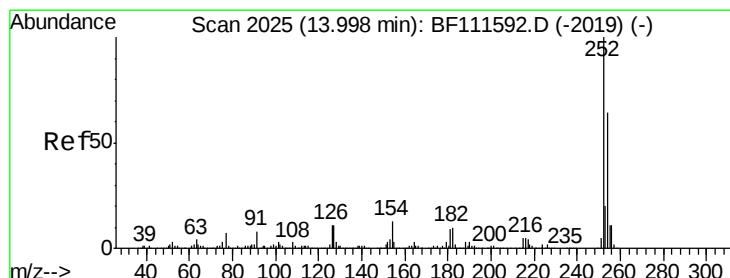
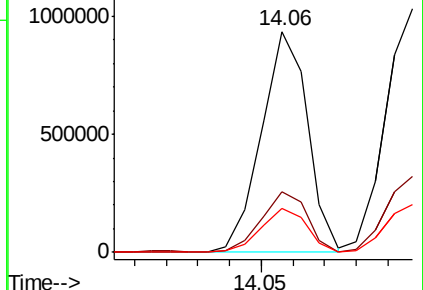
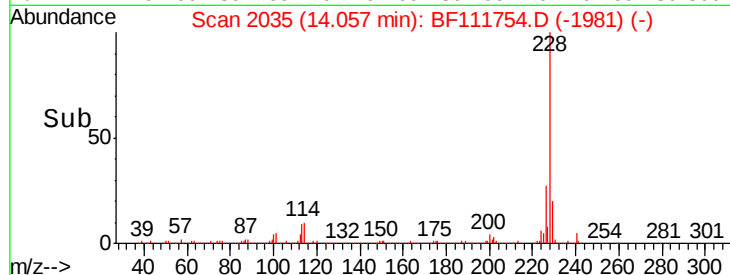
229 20.1 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 40.354 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.02 min

Lab File: BF111754.D

Acq: 27 Dec 2018 11:19

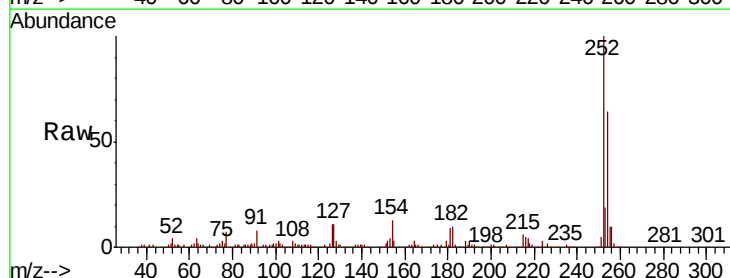
Tgt Ion:252 Resp: 365788

Ion Ratio Lower Upper

252 100

254 64.0 52.7 79.1

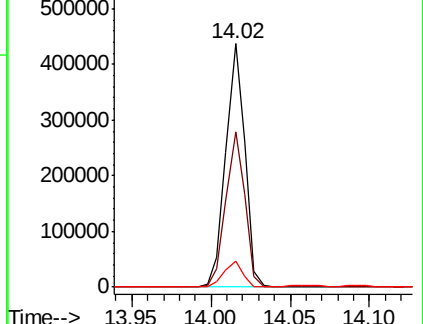
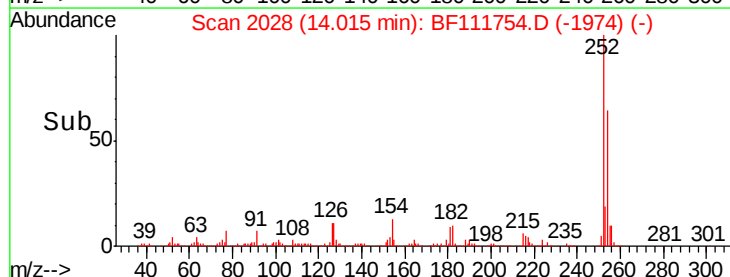
126 10.6 11.1 16.7#

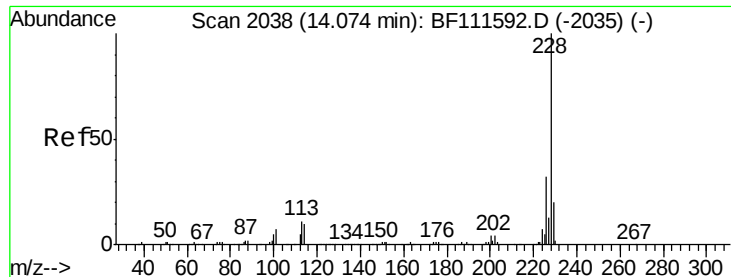


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.962 ng

RT: 14.10 min Scan# 2042

Delta R.T. 0.02 min

Lab File: BF111754.D

Acq: 27 Dec 2018 11:19

Instrument :

BNA_F

ClientSampleId :

DFTPP

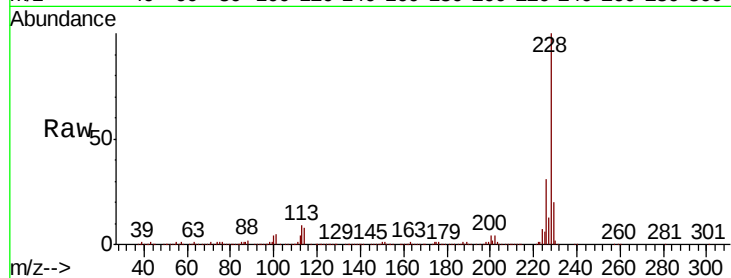
Tgt Ion:228 Resp: 901080

Ion Ratio Lower Upper

228 100

226 31.2 25.3 37.9

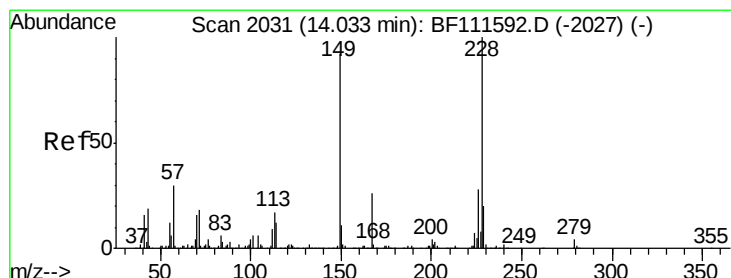
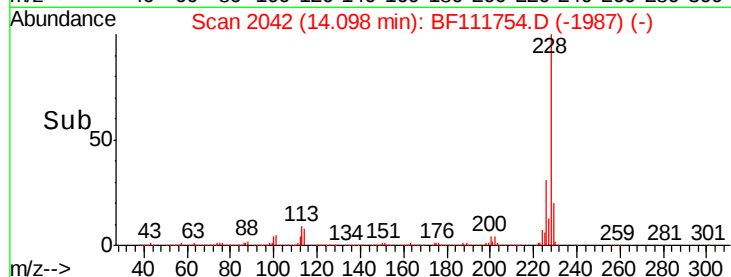
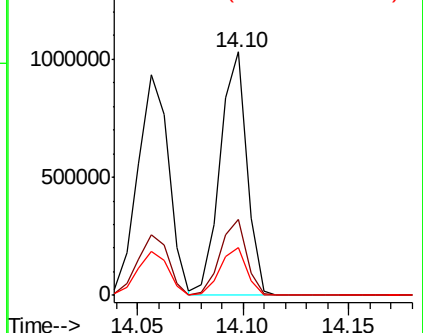
229 19.6 17.2 25.8



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: 43.073 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.01 min

Lab File: BF111754.D

Acq: 27 Dec 2018 11:19

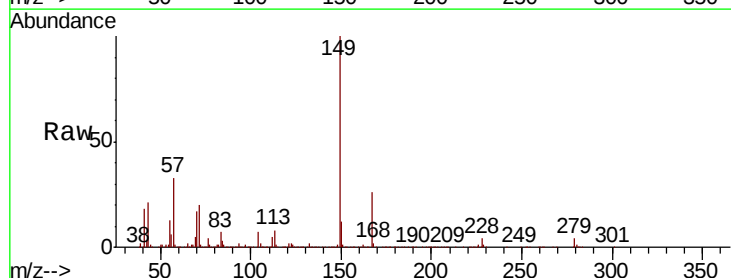
Tgt Ion:149 Resp: 627836

Ion Ratio Lower Upper

149 100

167 26.2 22.5 33.7

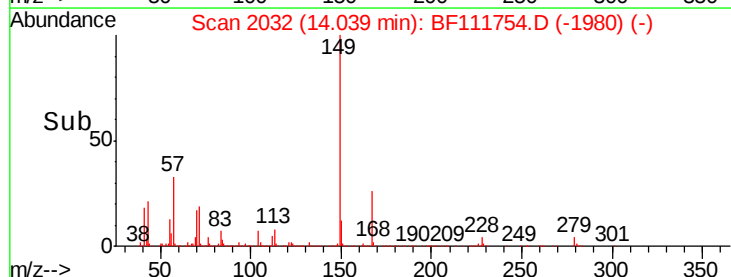
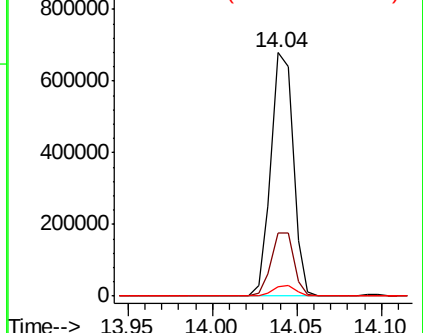
279 3.7 2.6 4.0

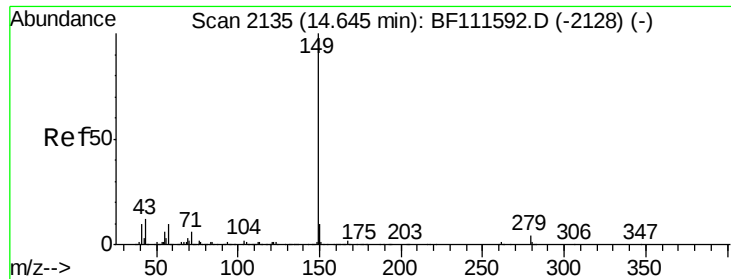


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 40.093 ng

RT: 14.66 min Scan# 2137

Delta R.T. 0.01 min

Lab File: BF111754.D

Acq: 27 Dec 2018 11:19

Instrument :

BNA_F

ClientSampleId :

DFTPP

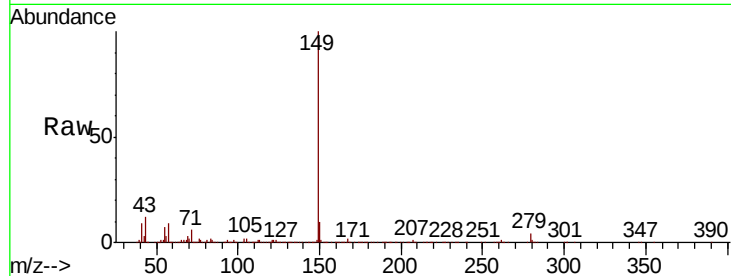
Tgt Ion:149 Resp: 905442

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

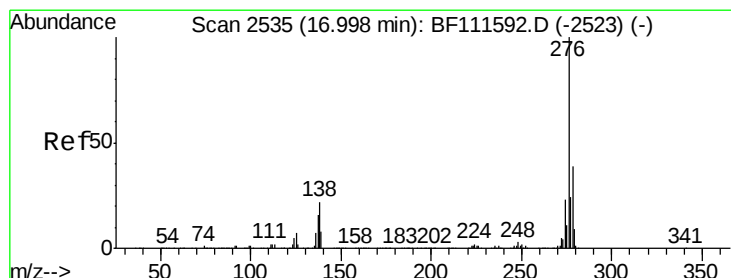
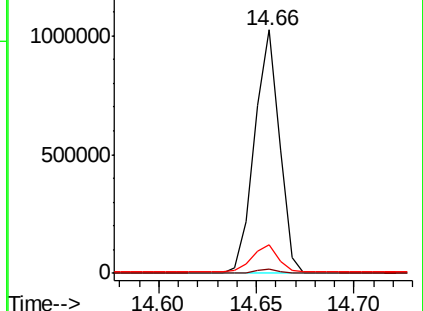
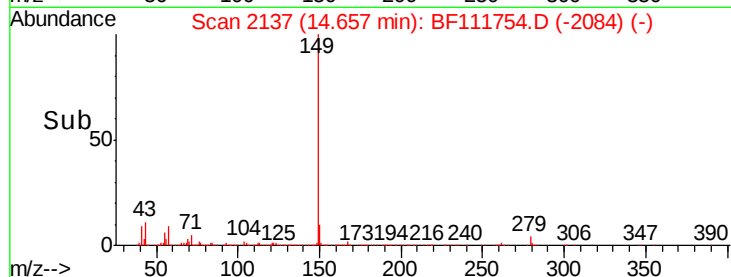
43 11.5 10.9 16.3



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: 41.190 ng

RT: 17.06 min Scan# 2546

Delta R.T. 0.06 min

Lab File: BF111754.D

Acq: 27 Dec 2018 11:19

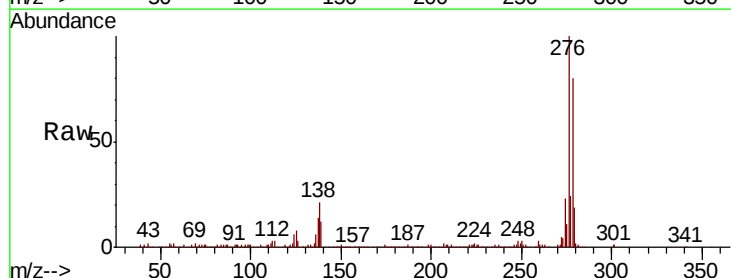
Tgt Ion:276 Resp: 789555

Ion Ratio Lower Upper

276 100

138 22.3 27.8 41.6#

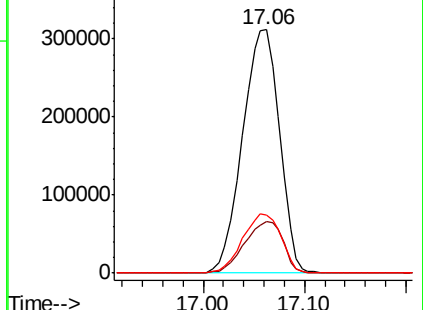
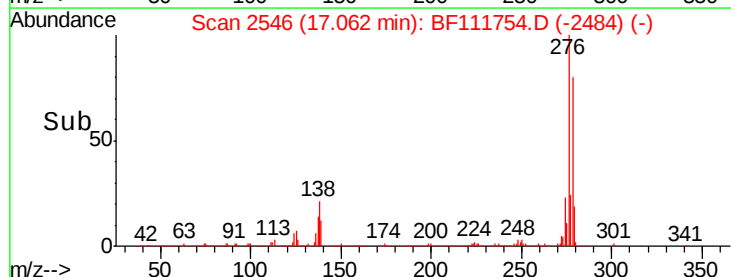
277 25.3 20.1 30.1

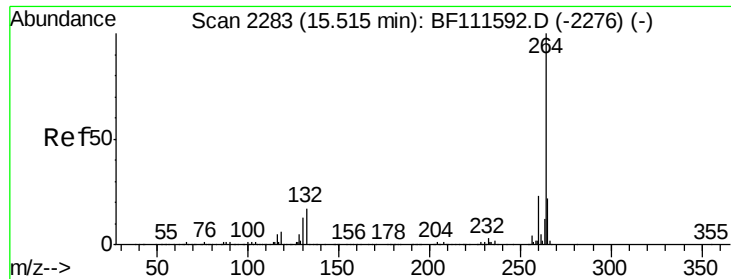


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.55 min Scan# 2289

Delta R.T. 0.04 min

Lab File: BF111754.D

Acq: 27 Dec 2018 11:19

Instrument :

BNA_F

ClientSampleId :

DFTPP

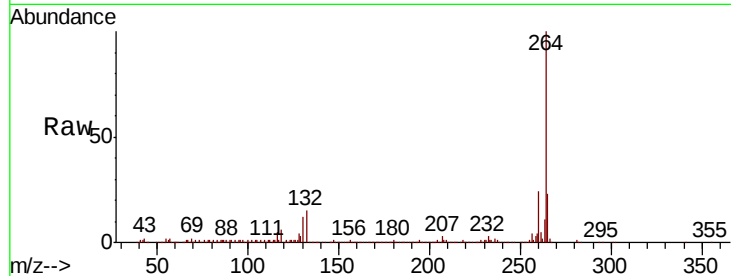
Tgt Ion:264 Resp: 331527

Ion Ratio Lower Upper

264 100

260 24.4 18.3 27.5

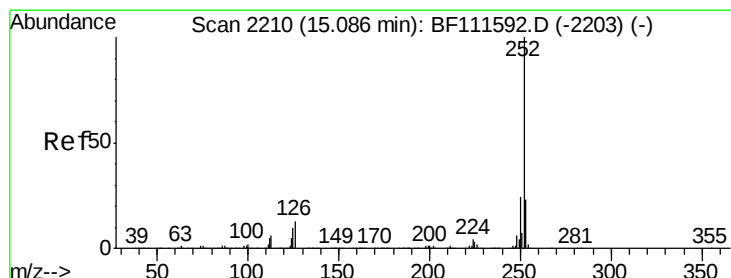
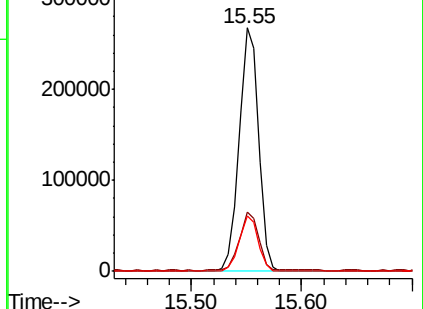
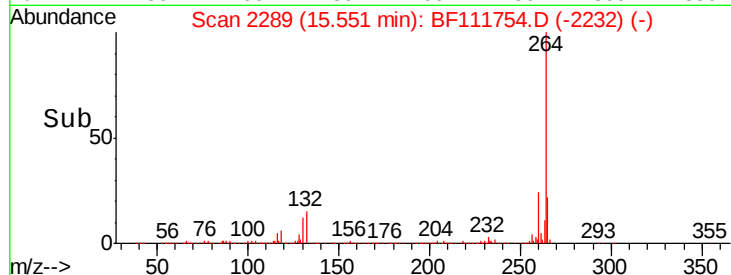
265 22.6 17.7 26.5



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: 40.550 ng

RT: 15.12 min Scan# 2215

Delta R.T. 0.03 min

Lab File: BF111754.D

Acq: 27 Dec 2018 11:19

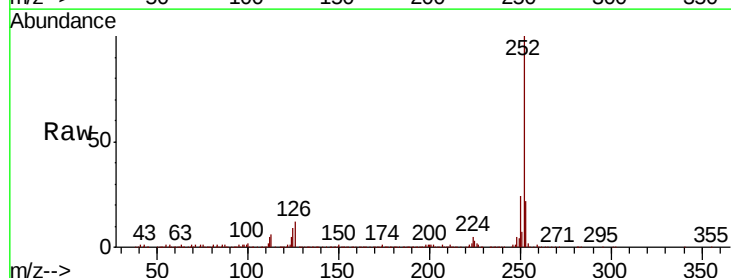
Tgt Ion:252 Resp: 785684

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.2

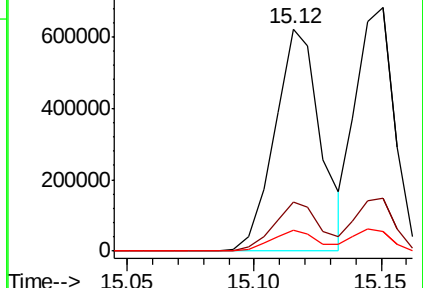
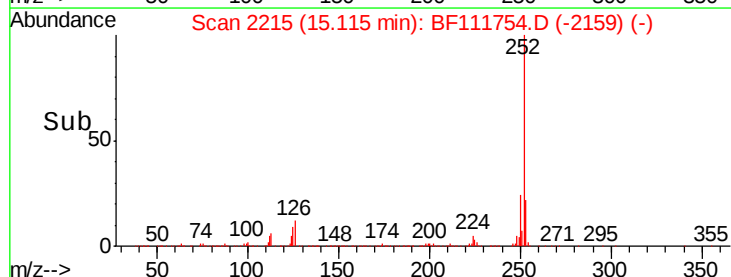
125 9.2 10.4 15.6#

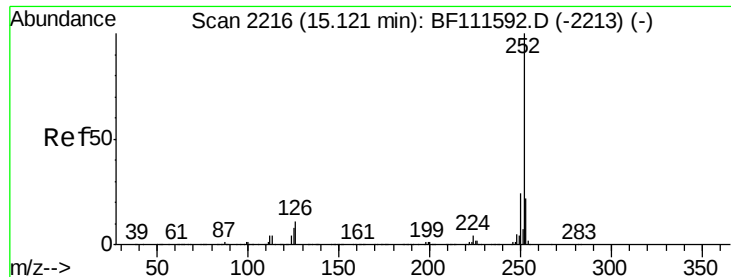


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

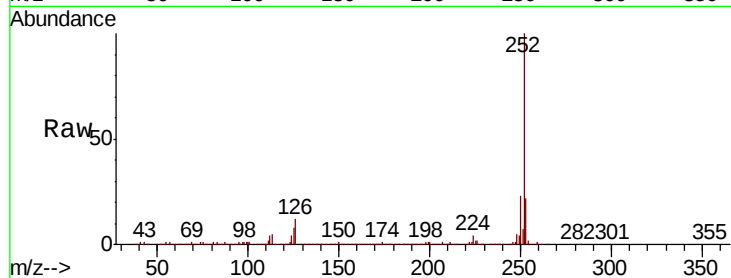




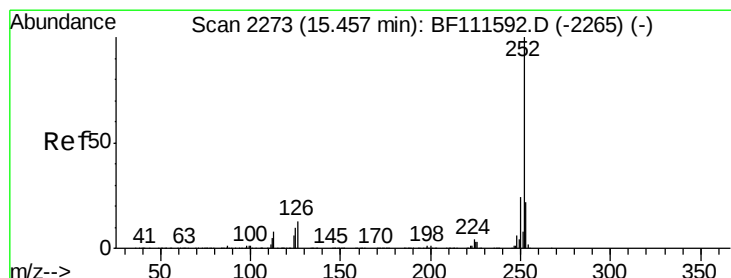
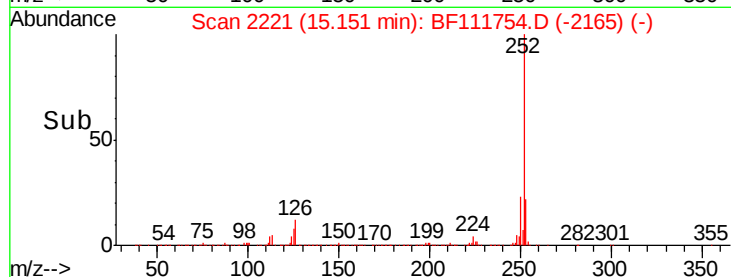
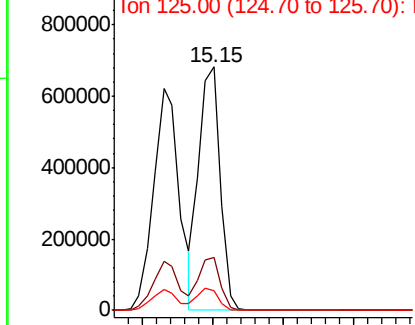
#89
Benzo(k)fluoranthene
Concen: 39.038 ng
RT: 15.15 min Scan# 2221
Delta R.T. 0.03 min
Lab File: BF111754.D
Acq: 27 Dec 2018 11:19

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:252 Resp: 720105
Ion Ratio Lower Upper
252 100
253 21.6 18.1 27.1
125 8.3 9.8 14.8#

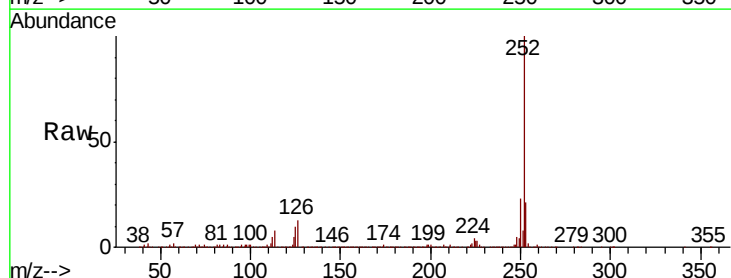


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

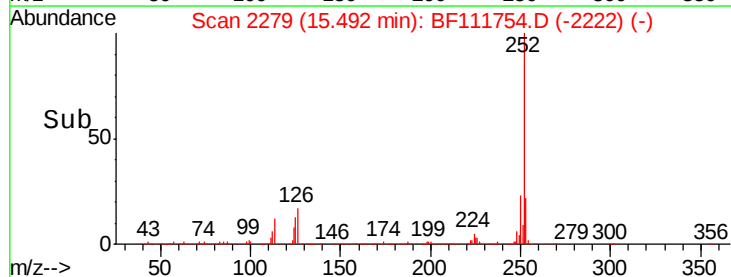
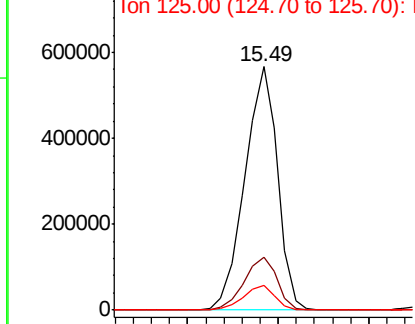


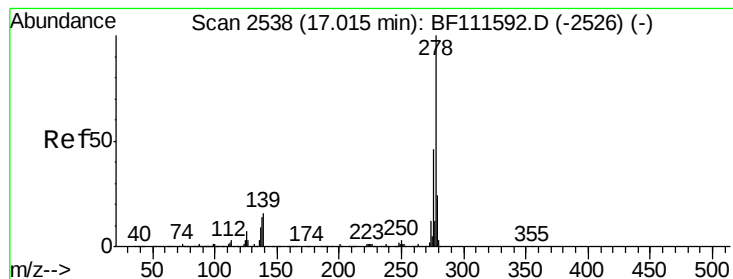
#90
Benzo(a)pyrene
Concen: 40.236 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.04 min
Lab File: BF111754.D
Acq: 27 Dec 2018 11:19

Tgt Ion:252 Resp: 708279
Ion Ratio Lower Upper
252 100
253 21.5 17.8 26.8
125 9.9 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: 43.200 ng

RT: 17.07 min Scan# 2548

Delta R.T. 0.06 min

Lab File: BF111754.D

Acq: 27 Dec 2018 11:19

Instrument :

BNA_F

ClientSampleId :

DFTPP

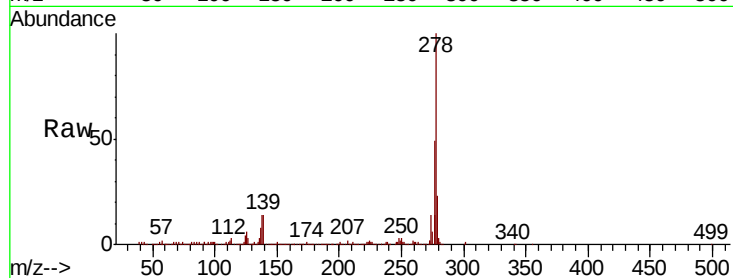
Tgt Ion:278 Resp: 665909

Ion Ratio Lower Upper

278 100

139 14.0 18.2 27.4#

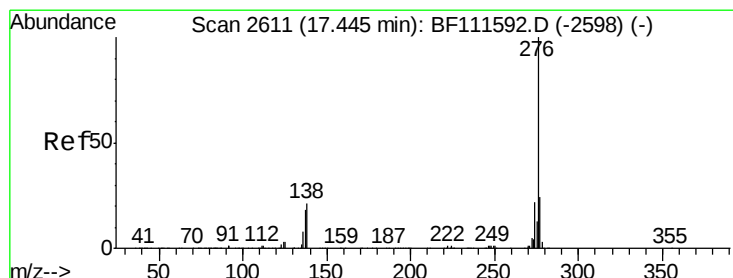
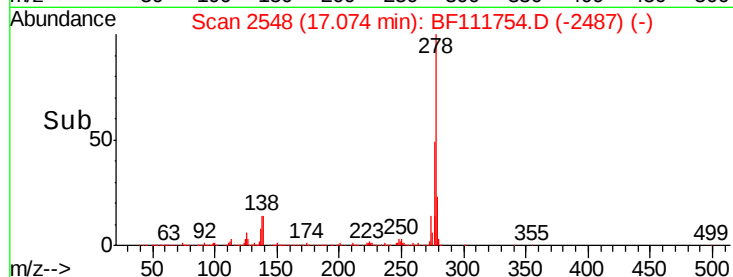
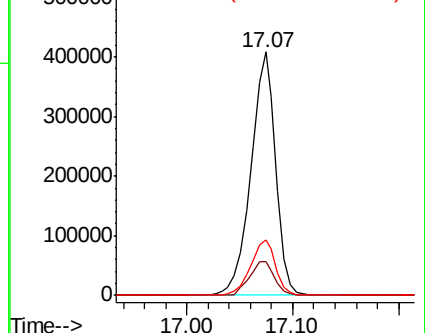
279 23.0 19.0 28.6



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: 42.879 ng

RT: 17.52 min Scan# 2623

Delta R.T. 0.07 min

Lab File: BF111754.D

Acq: 27 Dec 2018 11:19

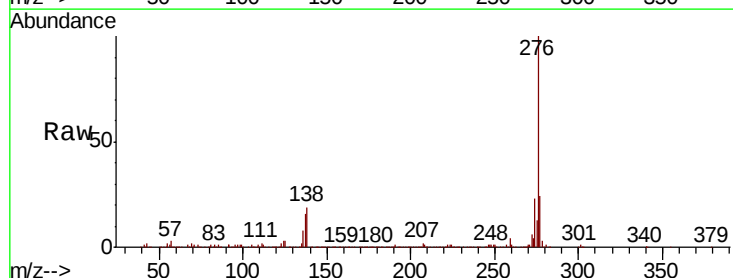
Tgt Ion:276 Resp: 645415

Ion Ratio Lower Upper

276 100

277 23.8 19.2 28.8

138 18.6 24.9 37.3#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

