

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122118\
 Data File : BF111688.D
 Acq On : 21 Dec 2018 15:37
 Operator : JU/SJ
 Sample : J6447-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS024-0612-01

Quant Time: Dec 21 22:33:46 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	183813	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	677750	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	301149	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	469849	20.00	ng	0.00
76) Chrysene-d12	14.06	240	384011	20.00	ng	0.00
87) Perylene-d12	15.55	264	279256	20.00	ng	0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	1031647	95.67	ng	0.01
7) Phenol-d6	6.53	99	1294822	94.35	ng	0.00
23) Nitrobenzene-d5	7.46	82	827400	71.06	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	299663	84.22	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1429573	69.19	ng	0.00
79) Terphenyl-d14	13.00	244	1162033	57.39	ng	0.00

Target Compounds

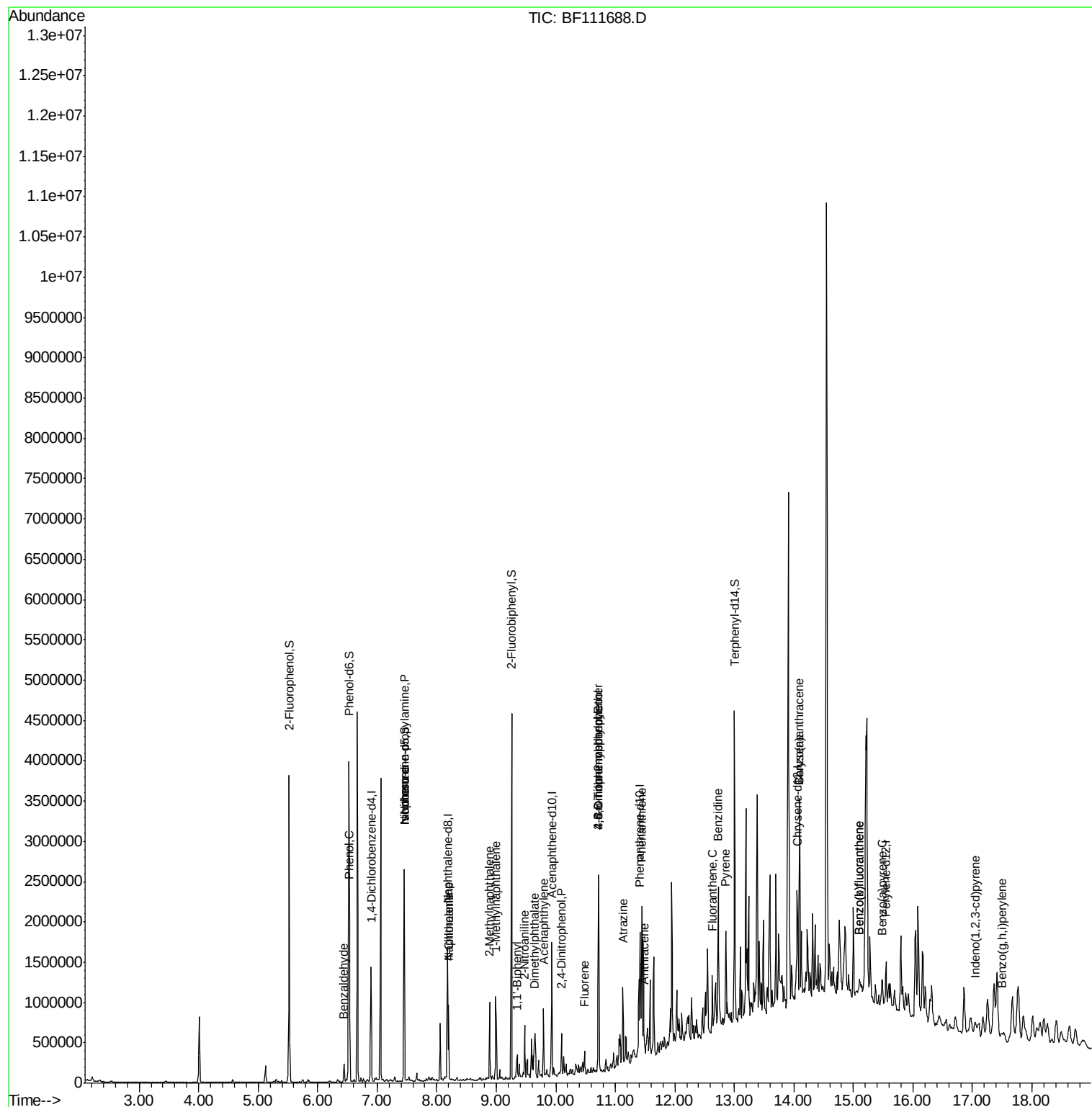
						Qvalue
9) Benzaldehyde	6.44	77	41919	4.441	ng	98
10) Phenol	6.54	94	111582	7.206	ng	93
19) n-Nitroso-di-n-propylamine	7.46	70	114664	12.581	ng	# 77
25) Isophorone	7.46	82	824032	39.865	ng	# 64
31) Naphthalene	8.20	128	345970	10.624	ng	97
33) 4-Chloroaniline	8.20	127	45398	3.225	ng	# 34
37) 2-Methylnaphthalene	8.89	142	209520	9.889	ng	99
38) 1-Methylnaphthalene	8.99	142	186013	9.142	ng	99
46) 1,1'-Biphenyl	9.35	154	78780	3.099	ng	93
48) 2-Nitroaniline	9.48	65	23544	4.493	ng	# 16
49) Acenaphthylene	9.79	152	276822	9.413	ng	93
50) Dimethylphthalate	9.65	163	169695	7.706	ng	98
54) 2,4-Dinitrophenol	10.10	184	234	7.458	ng	# 1
58) Fluorene	10.48	166	87773	4.445	ng	99
65) 4,6-Dinitro-2-methylphenol	10.72	198	650	6.981	ng	# 1
67) 4-Bromophenyl-phenylether	10.72	248	20084	3.446	ng	# 1
69) Atrazine	11.13	200	98622	17.999	ng	# 38
71) Phenanthrene	11.45	178	715107	28.699	ng	94
72) Anthracene	11.49	178	121066	4.841	ng	94
75) Fluoranthene	12.63	202	296173	11.738	ng	96
77) Benzidine	12.73	184	30142	2.086	ng	# 57
78) Pyrene	12.86	202	503997	18.585	ng	96
81) Benzo(a)anthracene	14.09	228	139570	6.369	ng	96
83) Chrysene	14.09	228	139570	6.480	ng	98
86) Indeno(1,2,3-cd)pyrene	17.04	276	48965	2.674	ng	# 91
88) Benzo(b)fluoranthene	15.11	252	130646	8.005	ng	# 87
89) Benzo(k)fluoranthene	15.11	252	130646	8.408	ng	# 86
90) Benzo(a)pyrene	15.49	252	109869	7.410	ng	98
92) Benzo(g,h,i)perylene	17.49	276	69769	5.503	ng	# 89

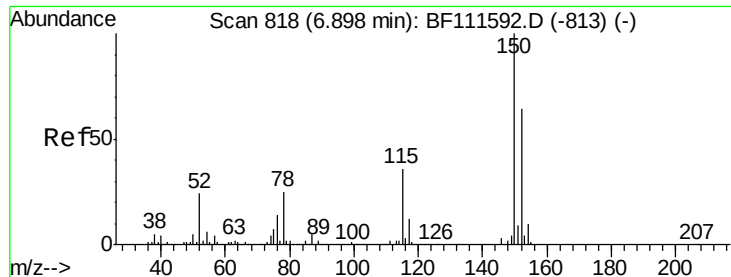
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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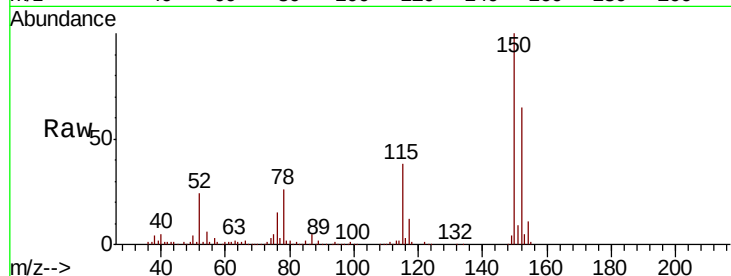


#1

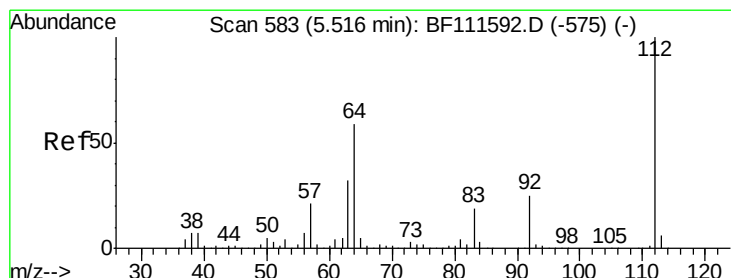
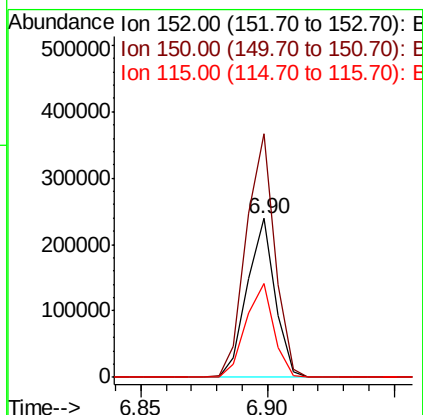
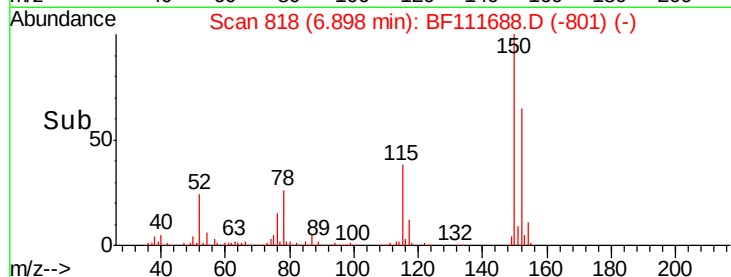
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF111688.D
Acq: 21 Dec 2018 15:37

Instrument :
BNA_F
ClientSampleId :
P001-SS024-0612-01

Tgt Ion:152 Resp: 183813
Ion Ratio Lower Upper
152 100
150 153.2 126.6 189.8
115 58.7 50.7 76.1



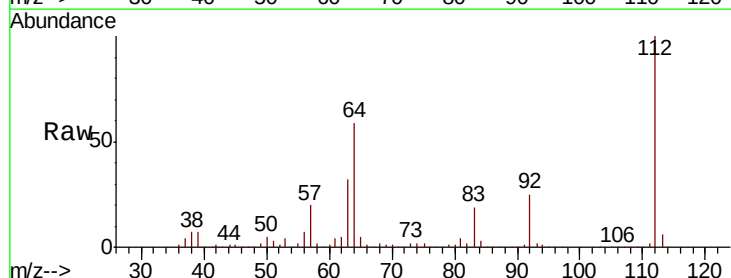
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



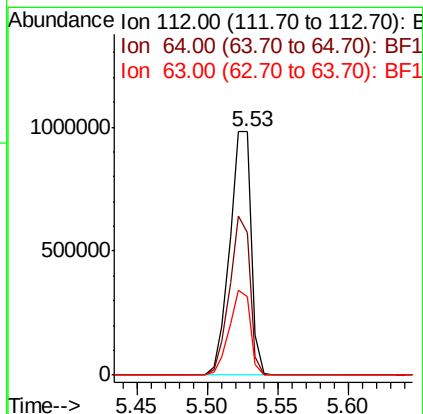
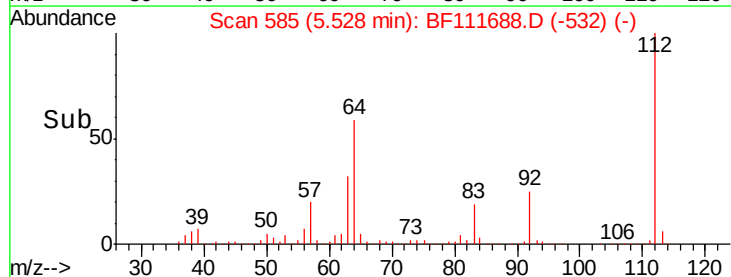
#5

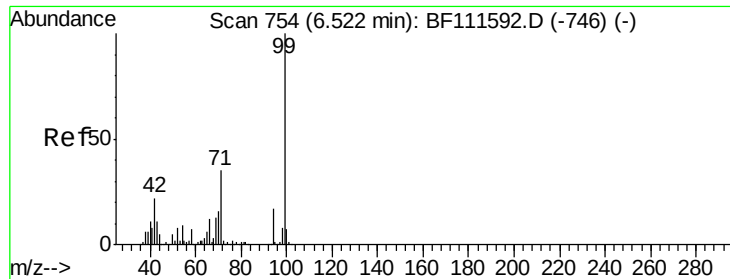
2-Fluorophenol
Concen: 95.667 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.01 min
Lab File: BF111688.D
Acq: 21 Dec 2018 15:37

Tgt Ion:112 Resp: 1031647
Ion Ratio Lower Upper
112 100
64 58.5 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





#7

Phenol-d6

Concen: 94.348 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF111688.D

Acq: 21 Dec 2018 15:37

Instrument :

BNA_F

ClientSampleId :

P001-SS024-0612-01

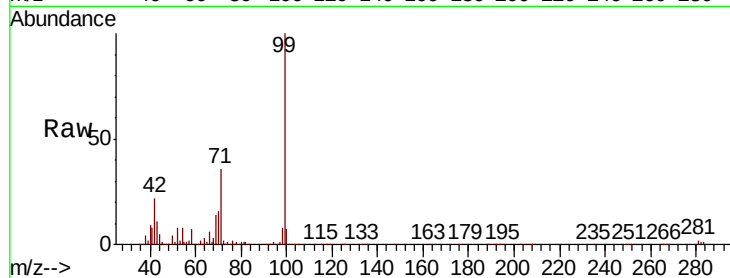
Tgt Ion: 99 Resp: 1294822

Ion Ratio Lower Upper

99 100

42 22.2 17.4 26.0

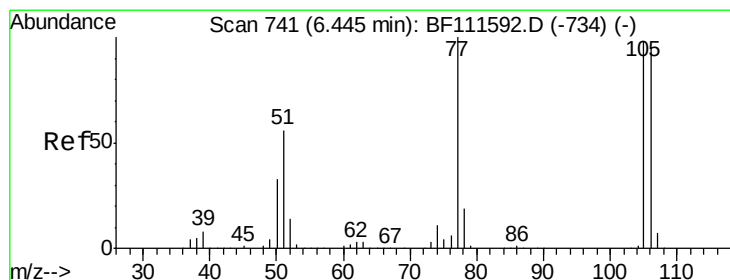
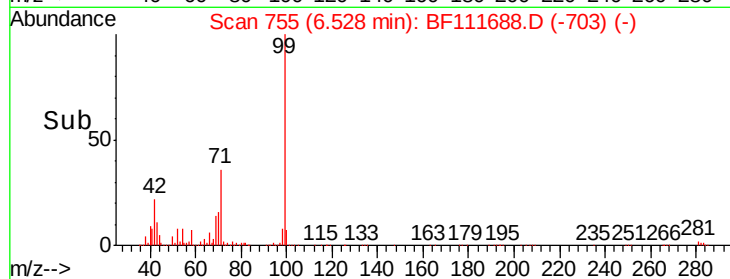
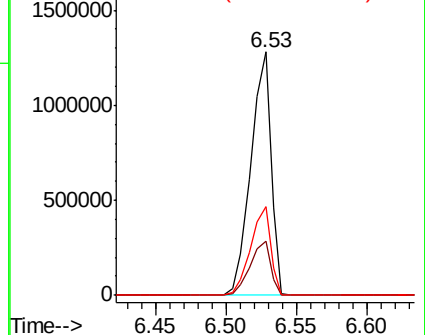
71 36.5 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: 4.441 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF111688.D

Acq: 21 Dec 2018 15:37

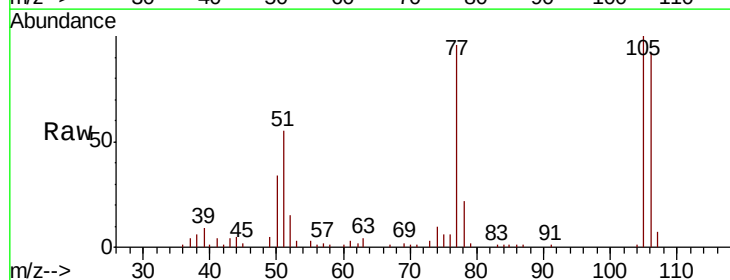
Tgt Ion: 77 Resp: 41919

Ion Ratio Lower Upper

77 100

105 103.8 81.4 121.4

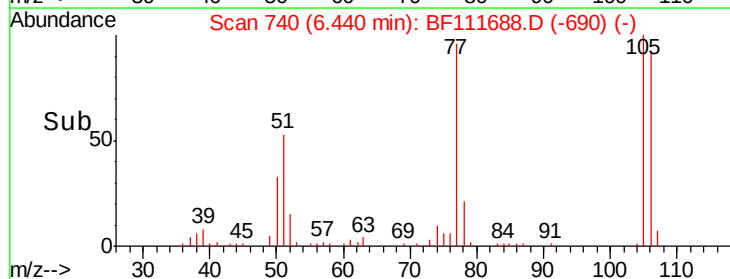
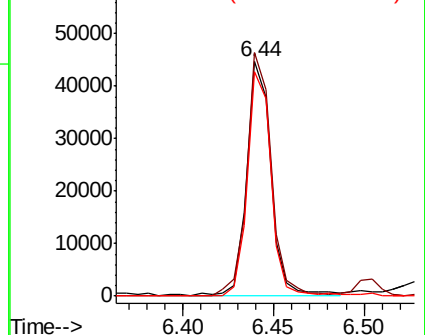
106 95.7 77.9 117.9

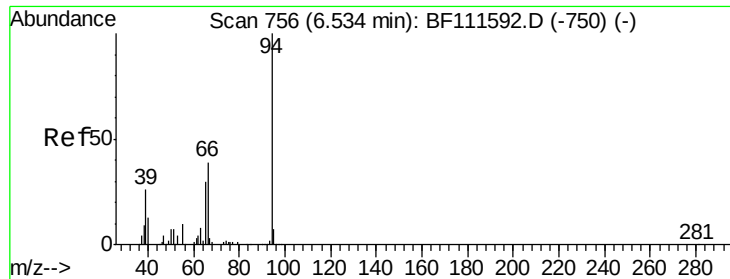


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 7.206 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF111688.D

Acq: 21 Dec 2018 15:37

Instrument :

BNA_F

ClientSampleId :

P001-SS024-0612-01

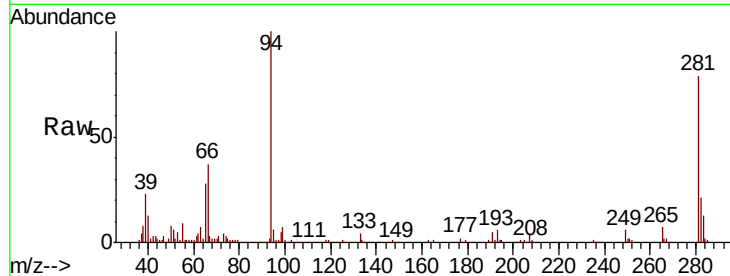
Tgt Ion: 94 Resp: 111582

Ion Ratio Lower Upper

94 100

65 27.9 11.7 51.7

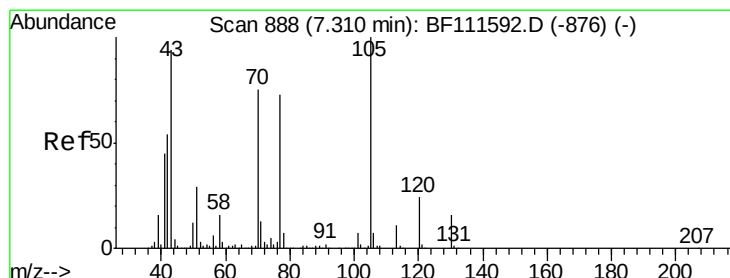
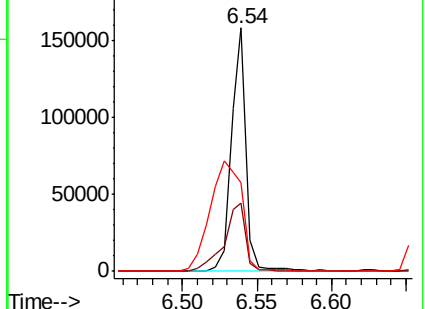
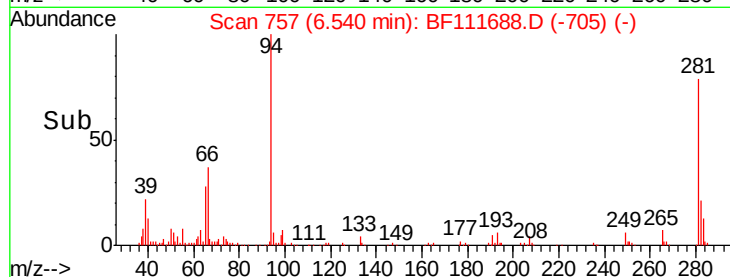
66 36.7 21.0 61.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 12.581 ng

RT: 7.46 min Scan# 913

Delta R.T. 0.15 min

Lab File: BF111688.D

Acq: 21 Dec 2018 15:37

Tgt Ion: 70 Resp: 114664

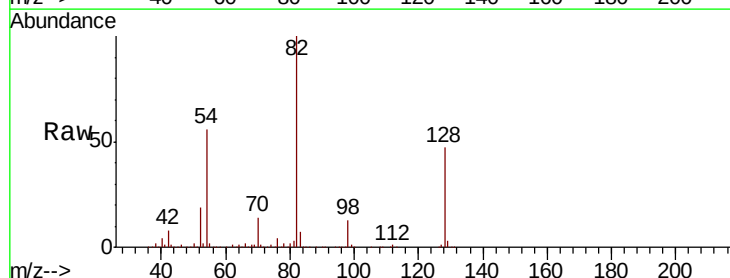
Ion Ratio Lower Upper

70 100

42 54.2 53.2 79.8

101 0.0 8.2 12.4#

130 1.9 18.1 27.1#

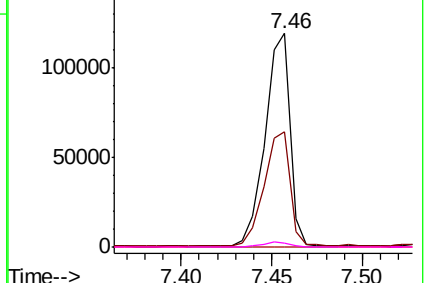
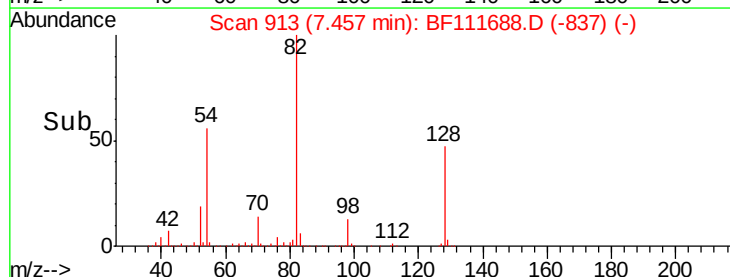


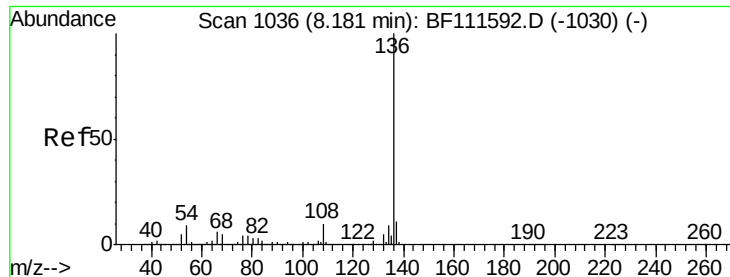
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

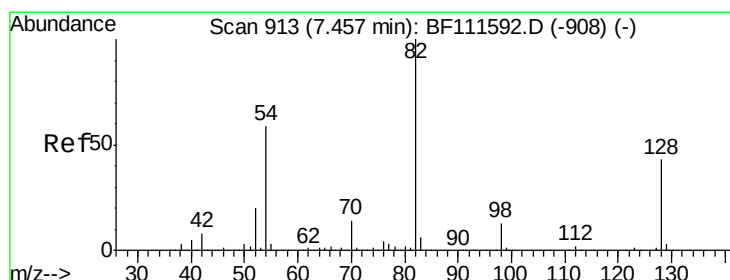
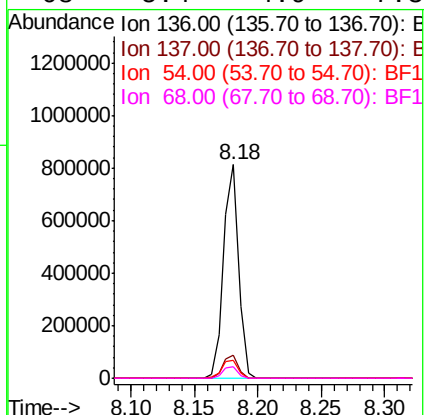
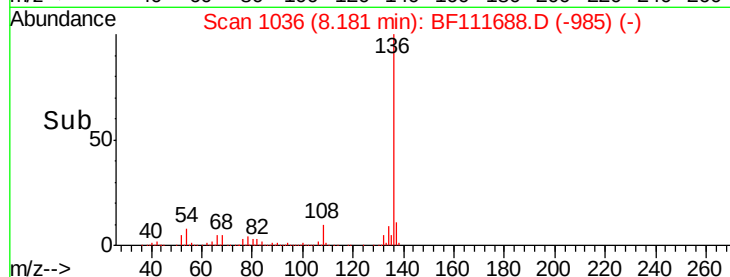
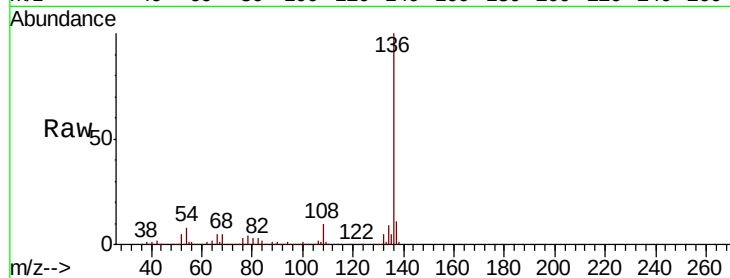




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF111688.D
Acq: 21 Dec 2018 15:37

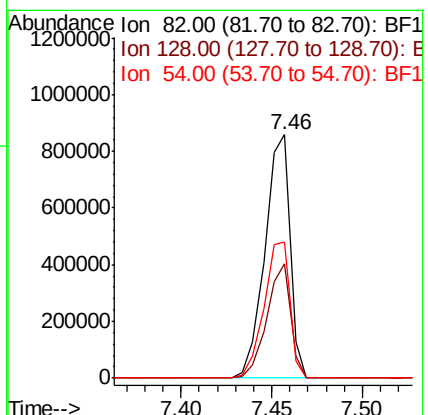
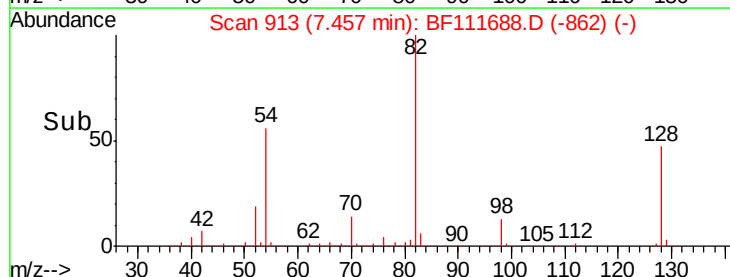
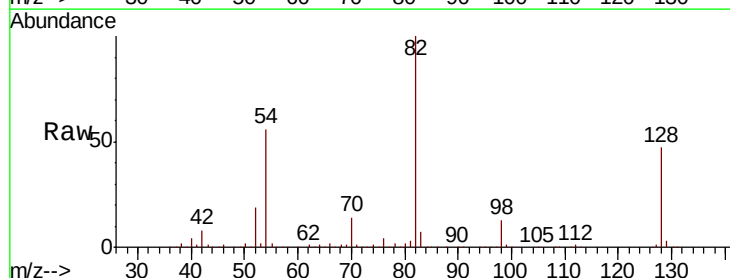
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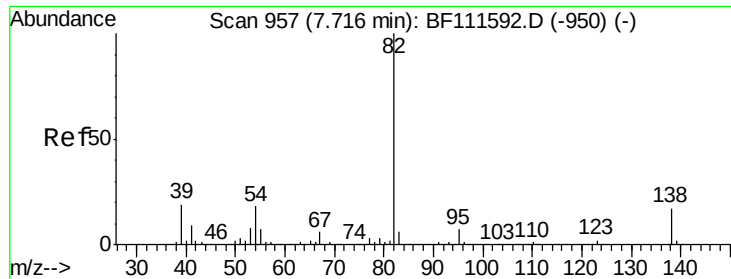
Tgt Ion:	136	Resp:	677750
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	8.3	7.7	11.5
68	5.4	4.9	7.3



#23
Nitrobenzene-d5
Concen: 71.060 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF111688.D
Acq: 21 Dec 2018 15:37

Tgt Ion:	82	Resp:	827400
Ion	Ratio	Lower	Upper
82	100		
128	46.7	37.4	56.2
54	56.0	47.6	71.4

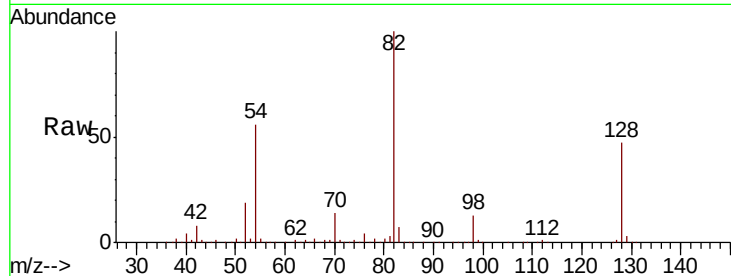




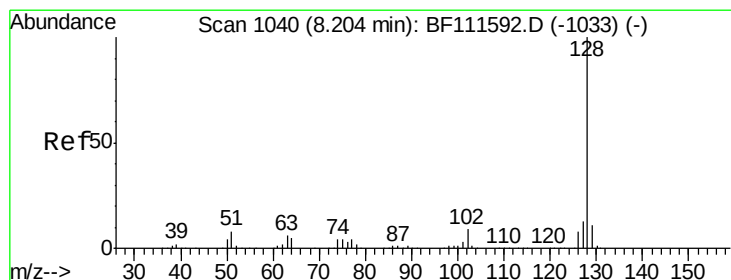
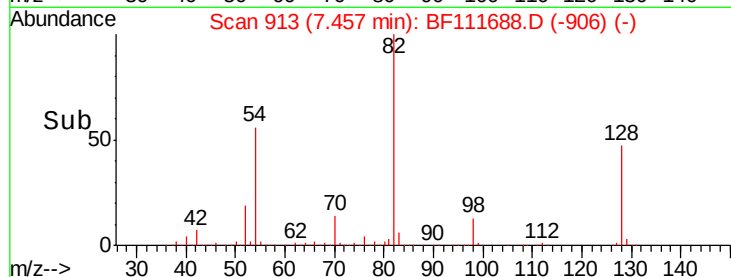
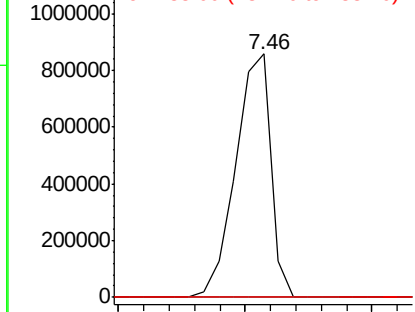
#25
Isophorone
Concen: 39.865 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.26 min
Lab File: BF111688.D
Acq: 21 Dec 2018 15:37

Instrument :
BNA_F
ClientSampleId :
P001-SS024-0612-01

Tgt Ion: 82 Resp: 824032
Ion Ratio Lower Upper
82 100
95 0.1 5.4 8.2#
138 0.0 15.1 22.7#

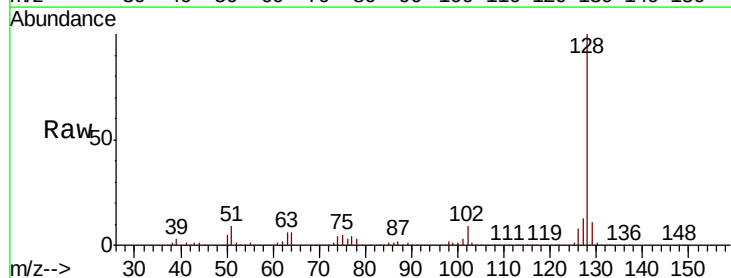


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): E

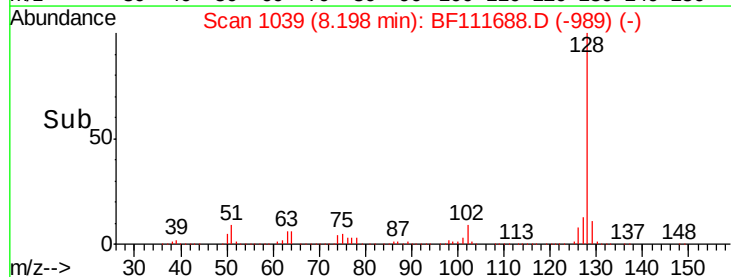
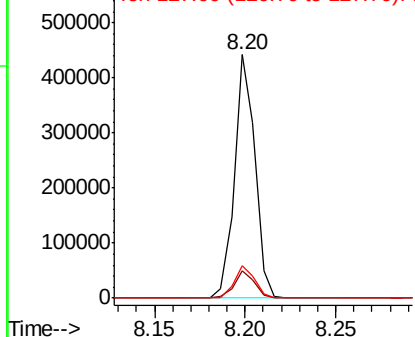


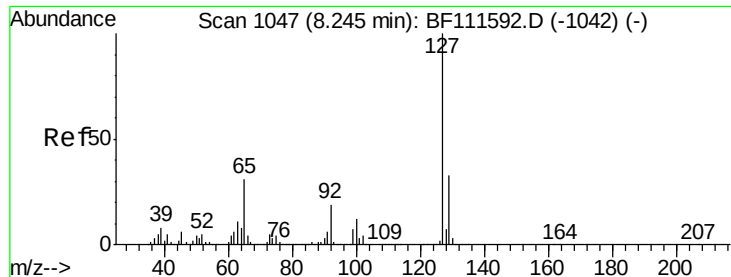
#31
Naphthalene
Concen: 10.624 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF111688.D
Acq: 21 Dec 2018 15:37

Tgt Ion: 128 Resp: 345970
Ion Ratio Lower Upper
128 100
129 11.2 9.8 14.8
127 13.4 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

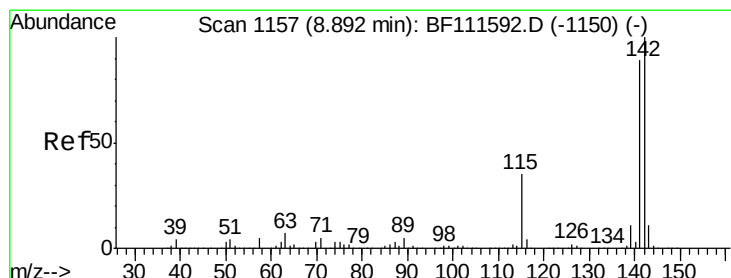
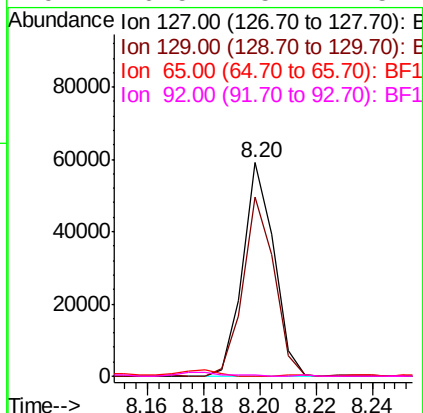
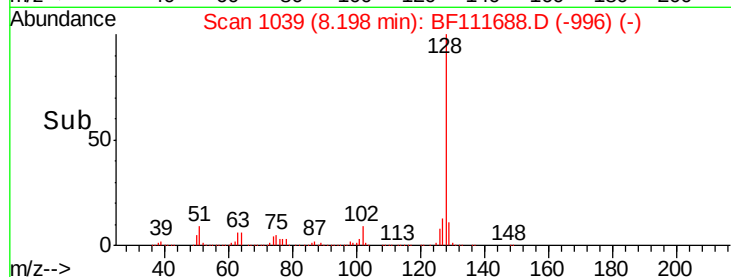
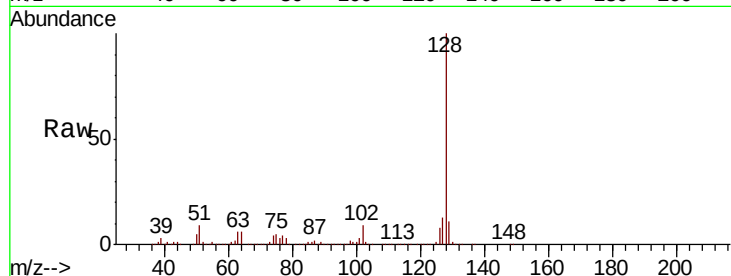




#33
4-Chloroaniline
Concen: 3.225 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.05 min
Lab File: BF111688.D
Acq: 21 Dec 2018 15:37

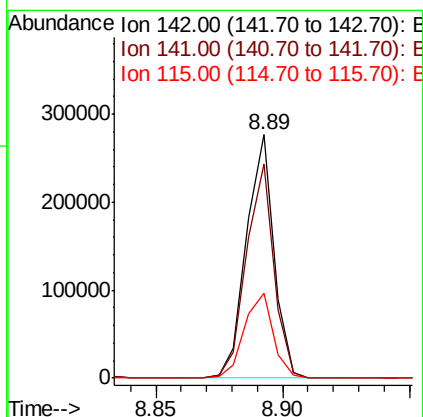
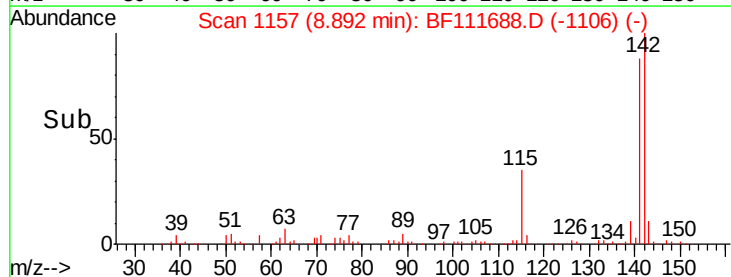
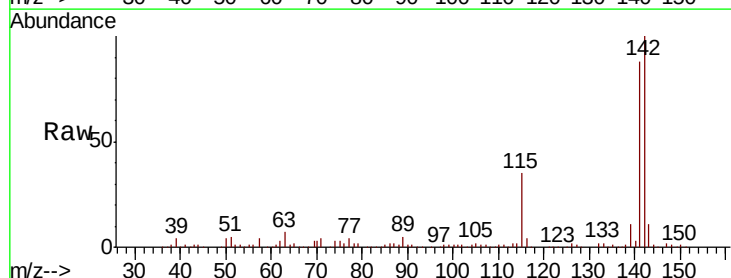
Instrument :
BNA_F
ClientSampleId :
P001-SS024-0612-01

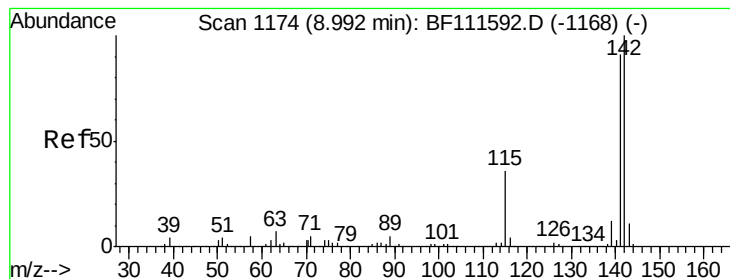
Tgt Ion:127 Resp: 45398
Ion Ratio Lower Upper
127 100
129 83.8 26.6 39.8#
65 0.0 25.7 38.5#
92 0.5 15.4 23.2#



#37
2-Methylnaphthalene
Concen: 9.889 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BF111688.D
Acq: 21 Dec 2018 15:37

Tgt Ion:142 Resp: 209520
Ion Ratio Lower Upper
142 100
141 87.8 70.6 105.8
115 35.0 27.0 40.6





#38

1-Methylnaphthalene

Concen: 9.142 ng

RT: 8.99 min Scan# 1174

Delta R.T. -0.00 min

Lab File: BF111688.D

Acq: 21 Dec 2018 15:37

Instrument :

BNA_F

ClientSampleId :

P001-SS024-0612-01

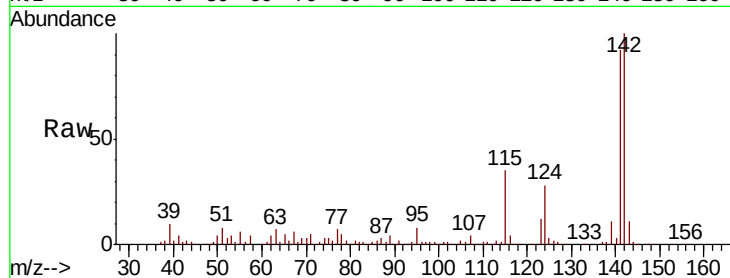
Tgt Ion:142 Resp: 186013

Ion Ratio Lower Upper

142 100

141 92.1 74.2 111.4

116 3.8 2.9 4.3

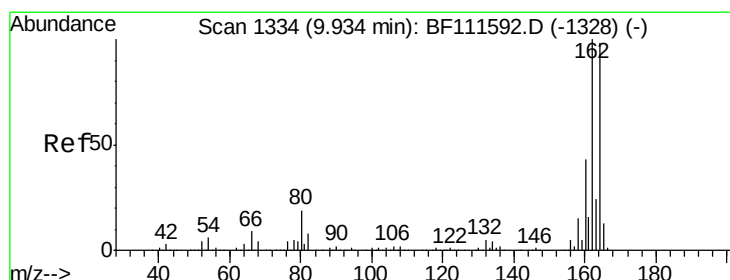
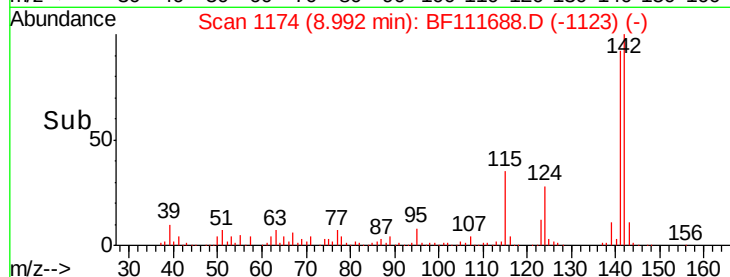
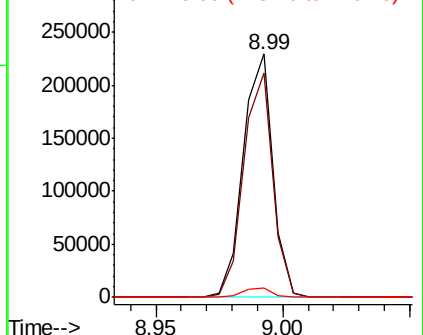


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BF111688.D

Acq: 21 Dec 2018 15:37

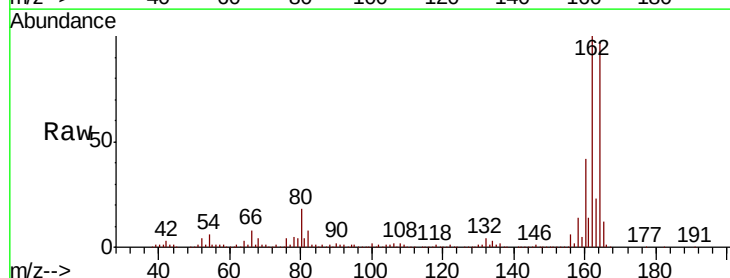
Tgt Ion:164 Resp: 301149

Ion Ratio Lower Upper

164 100

162 103.3 81.4 122.0

160 43.8 35.7 53.5

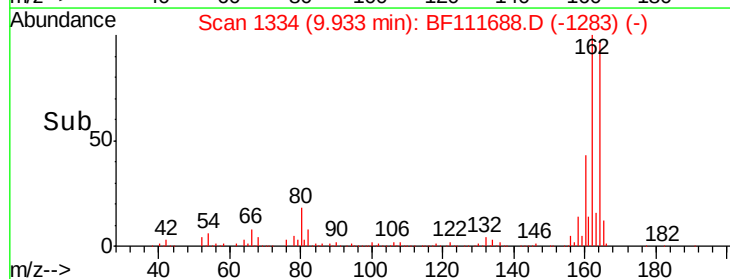
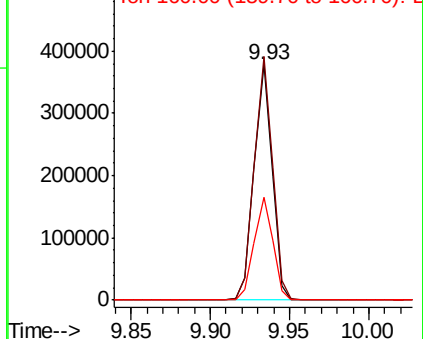


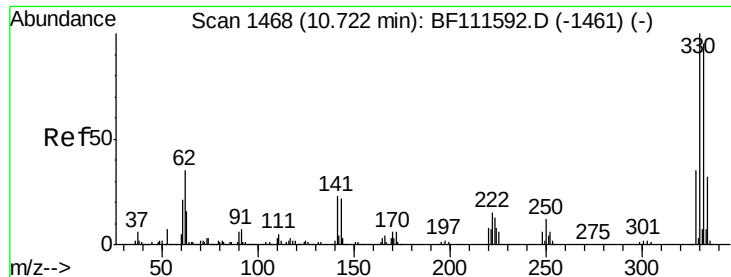
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 84.215 ng

RT: 10.72 min Scan# 1468

Delta R.T. -0.00 min

Lab File: BF111688.D

Acq: 21 Dec 2018 15:37

Instrument :

BNA_F

ClientSampleId :

P001-SS024-0612-01

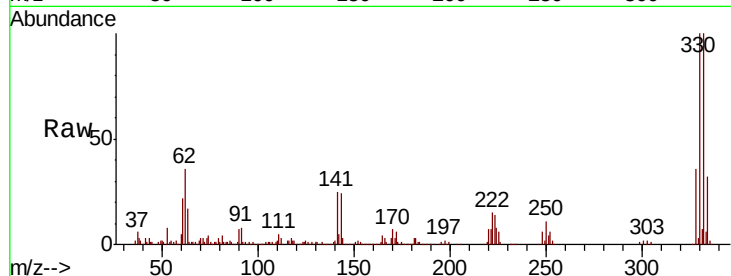
Tgt Ion:330 Resp: 299663

Ion Ratio Lower Upper

330 100

332 98.3 76.0 114.0

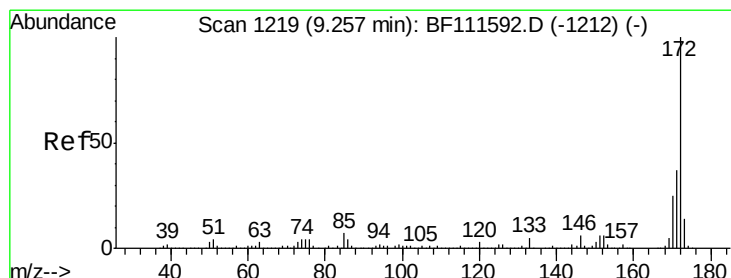
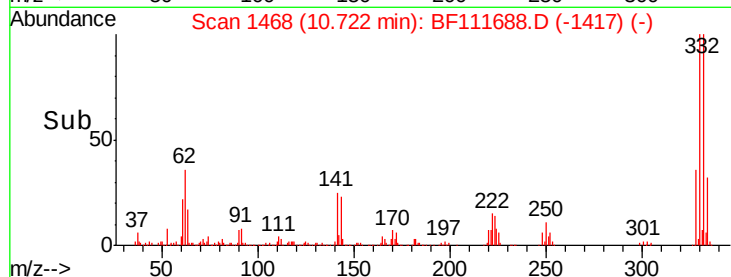
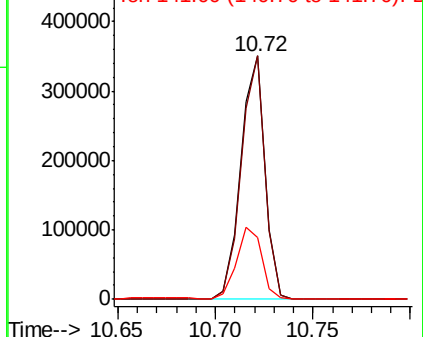
141 31.0 31.0 46.6#



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



#45

2-Fluorobiphenyl

Concen: 69.192 ng

RT: 9.26 min Scan# 1219

Delta R.T. -0.00 min

Lab File: BF111688.D

Acq: 21 Dec 2018 15:37

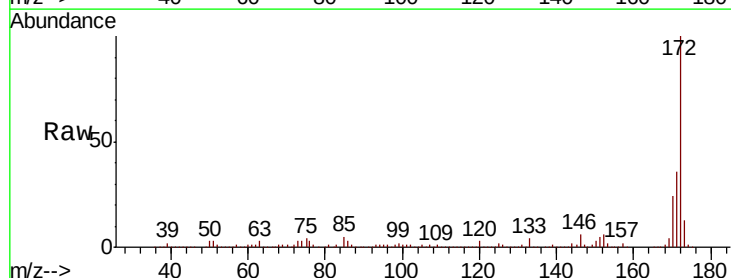
Tgt Ion:172 Resp: 1429573

Ion Ratio Lower Upper

172 100

171 36.0 33.0 49.4

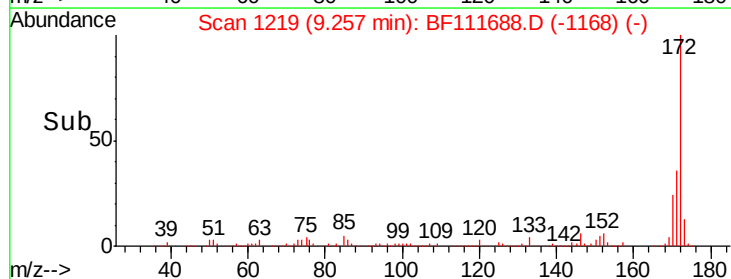
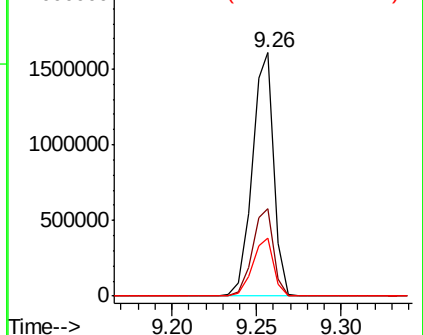
170 24.0 22.3 33.5

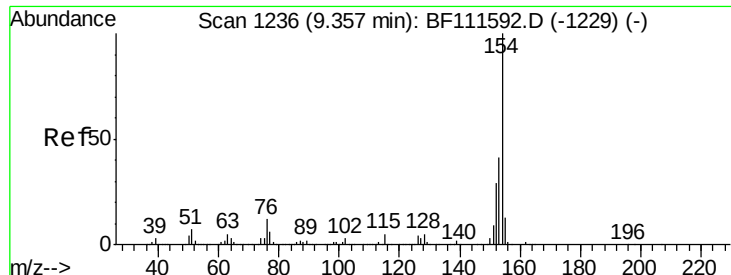


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

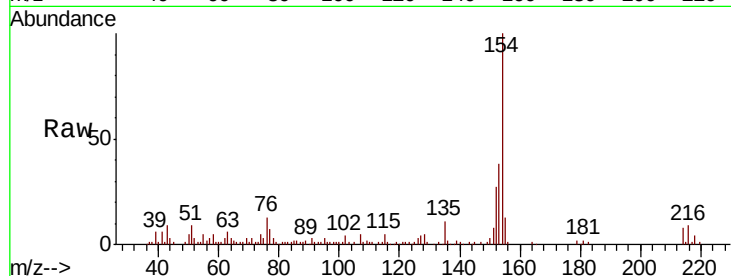




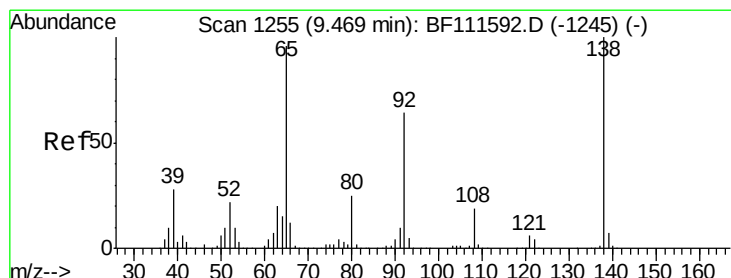
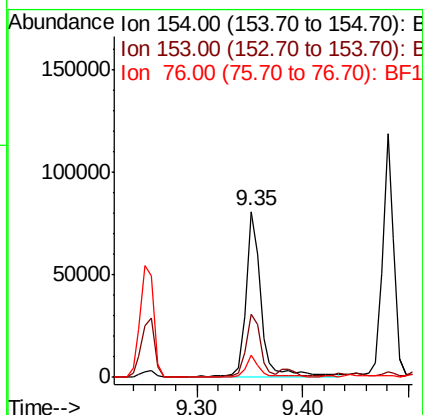
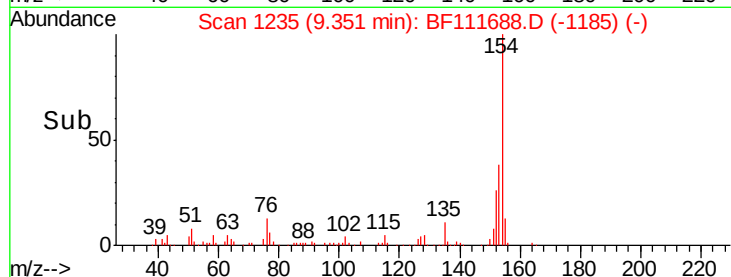
#46
 1,1'-Biphenyl
 Concen: 3.099 ng
 RT: 9.35 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: BF111688.D
 Acq: 21 Dec 2018 15:37

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS024-0612-01

Tgt Ion: 154 Resp: 78780
 Ion Ratio Lower Upper
 154 100
 153 38.3 23.7 63.7
 76 13.2 0.0 35.0

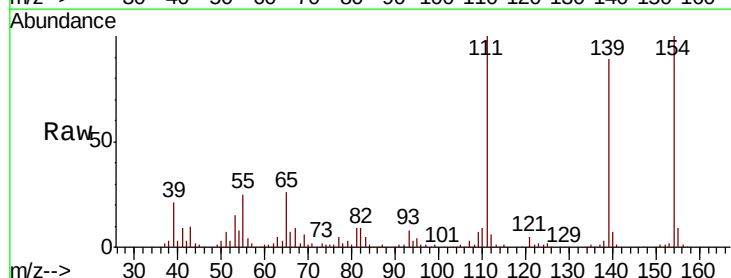


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

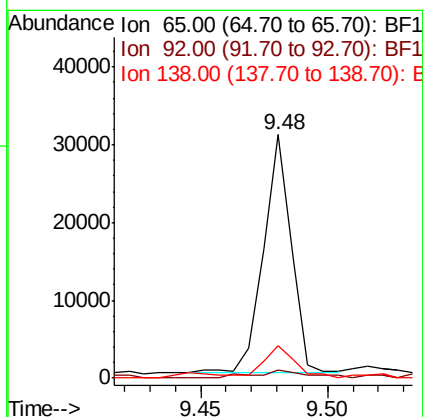
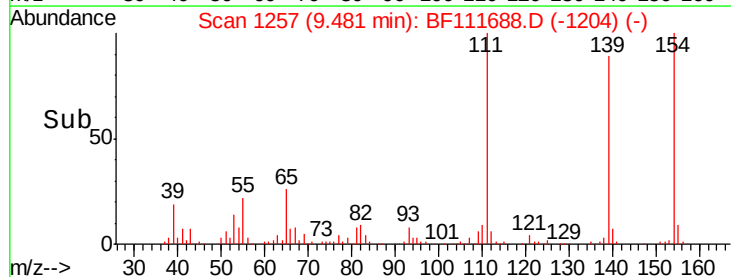


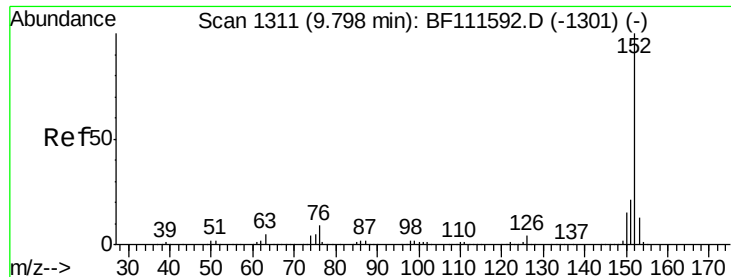
#48
 2-Nitroaniline
 Concen: 4.493 ng
 RT: 9.48 min Scan# 1257
 Delta R.T. 0.01 min
 Lab File: BF111688.D
 Acq: 21 Dec 2018 15:37

Tgt Ion: 65 Resp: 23544
 Ion Ratio Lower Upper
 65 100
 92 3.5 53.5 80.3#
 138 13.1 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: 9.413 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF111688.D

Acq: 21 Dec 2018 15:37

Instrument :

BNA_F

ClientSampleId :

P001-SS024-0612-01

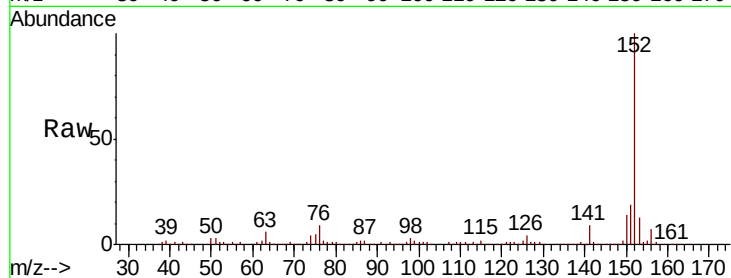
Tgt Ion:152 Resp: 276822

Ion Ratio Lower Upper

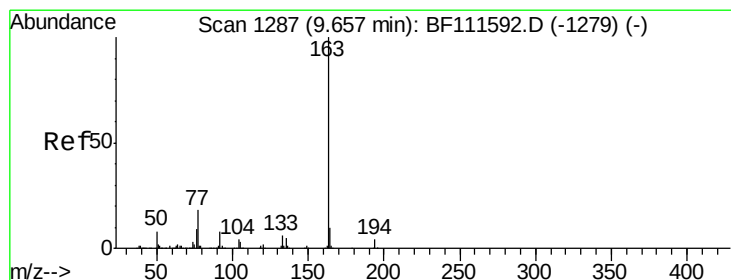
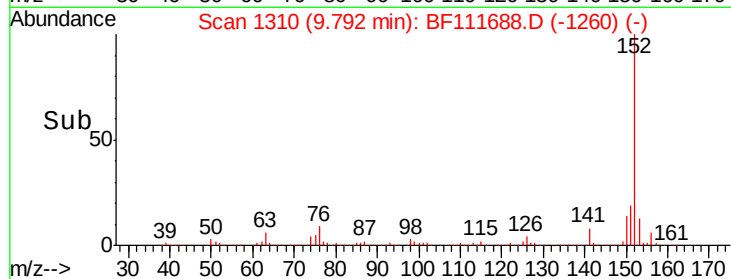
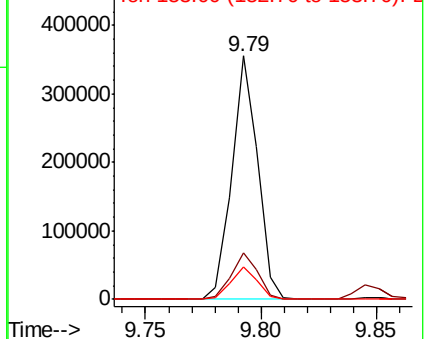
152 100

151 18.9 18.0 27.0

153 13.2 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: 7.706 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF111688.D

Acq: 21 Dec 2018 15:37

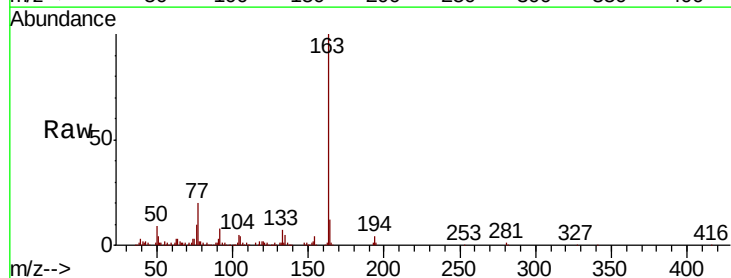
Tgt Ion:163 Resp: 169695

Ion Ratio Lower Upper

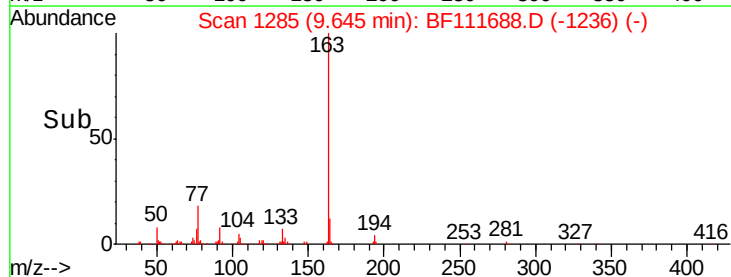
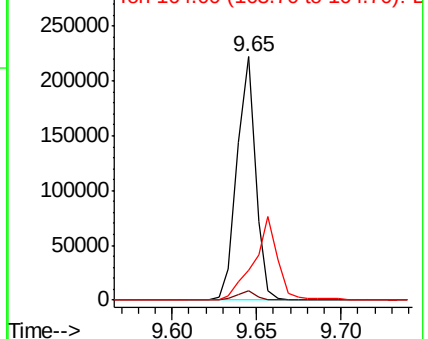
163 100

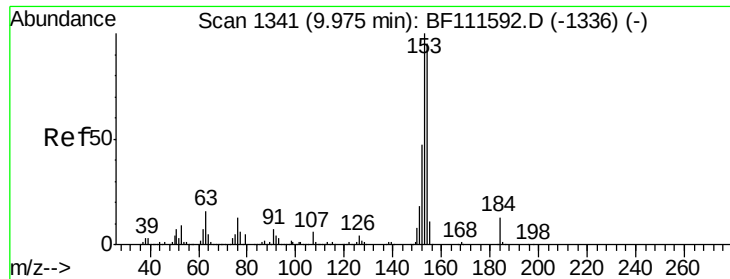
194 4.0 3.0 4.6

164 12.2 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

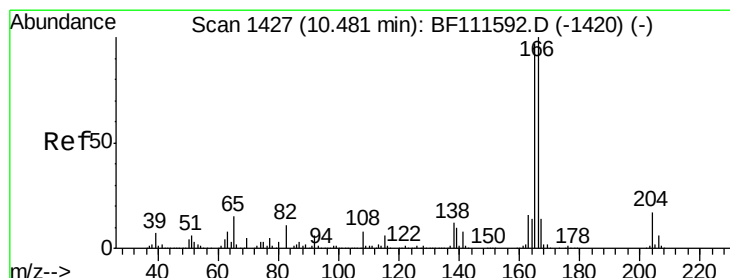
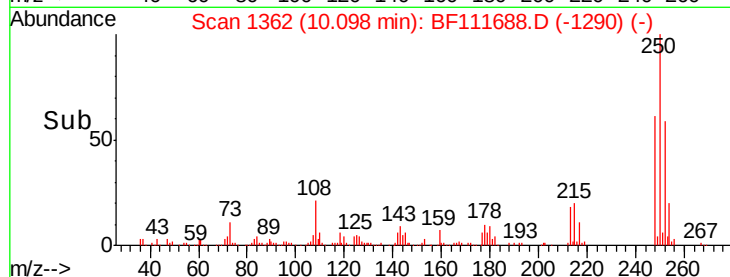
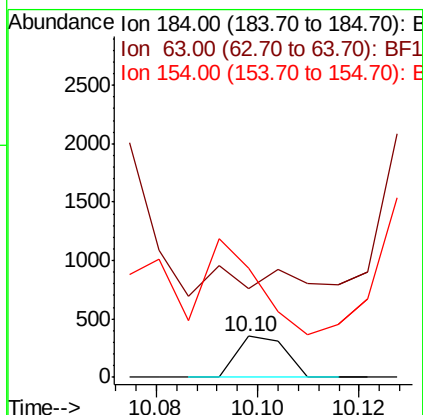
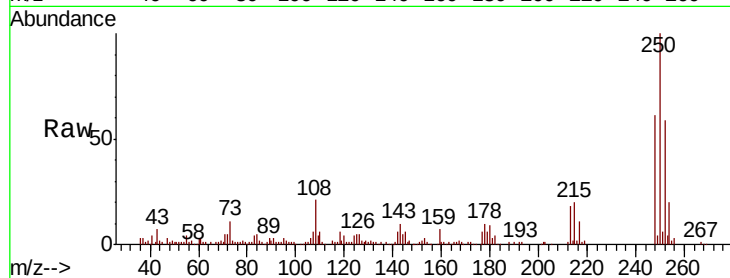




#54
2,4-Dinitrophenol
Concen: 7.458 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.12 min
Lab File: BF111688.D
Acq: 21 Dec 2018 15:37

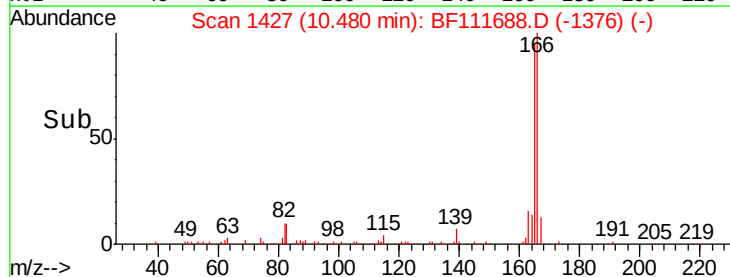
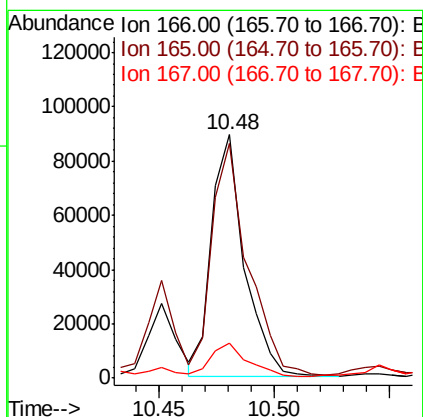
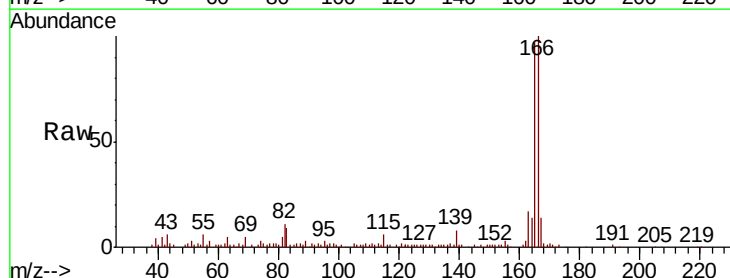
Instrument :
BNA_F
ClientSampleId :
P001-SS024-0612-01

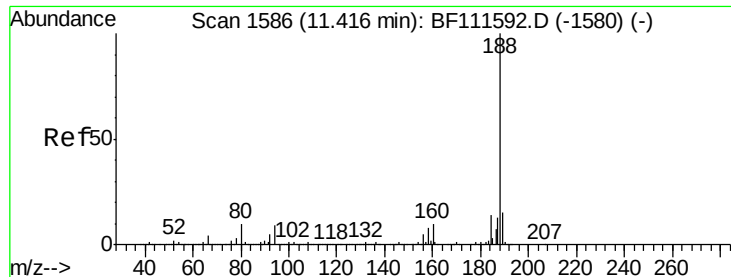
Tgt Ion:184 Resp: 234
Ion Ratio Lower Upper
184 100
63 217.0 62.3 93.5#
154 265.9 56.2 84.2#



#58
Fluorene
Concen: 4.445 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.00 min
Lab File: BF111688.D
Acq: 21 Dec 2018 15:37

Tgt Ion:166 Resp: 87773
Ion Ratio Lower Upper
166 100
165 96.6 78.4 117.6
167 14.2 11.2 16.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.00 min

Lab File: BF111688.D

Acq: 21 Dec 2018 15:37

Instrument :

BNA_F

ClientSampleId :

P001-SS024-0612-01

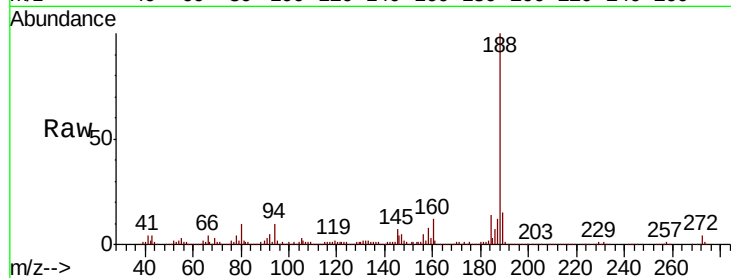
Tgt Ion:188 Resp: 469849

Ion Ratio Lower Upper

188 100

94 9.6 9.6 14.4#

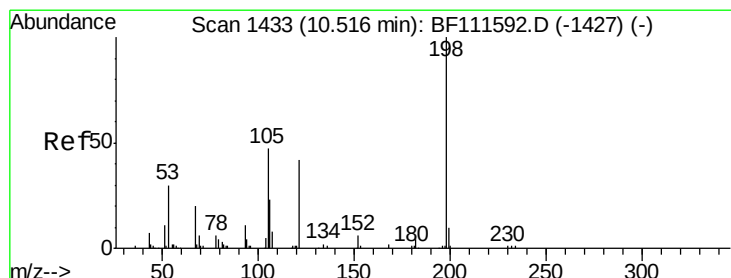
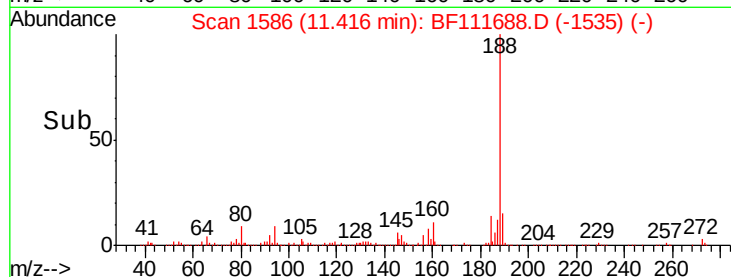
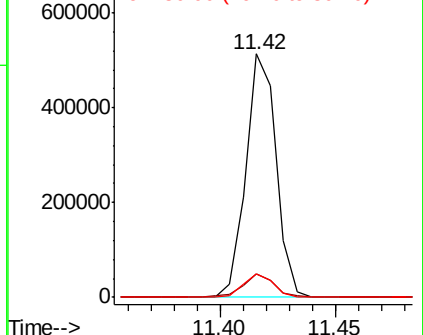
80 9.5 9.8 14.6#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#65

4,6-Dinitro-2-methylphenol

Concen: 6.981 ng

RT: 10.72 min Scan# 1468

Delta R.T. 0.21 min

Lab File: BF111688.D

Acq: 21 Dec 2018 15:37

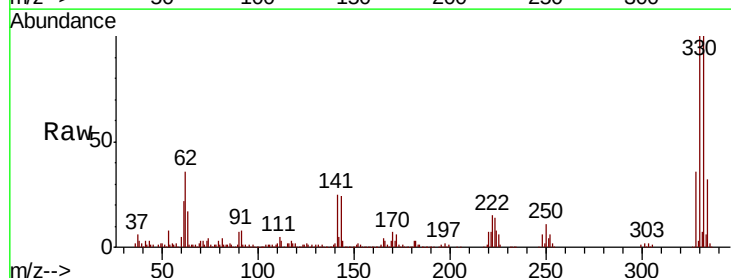
Tgt Ion:198 Resp: 650

Ion Ratio Lower Upper

198 100

51 333.4 48.0 88.0#

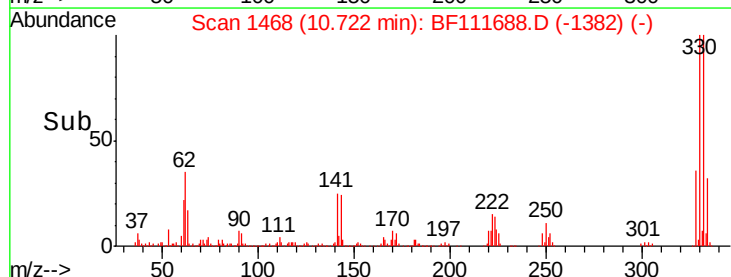
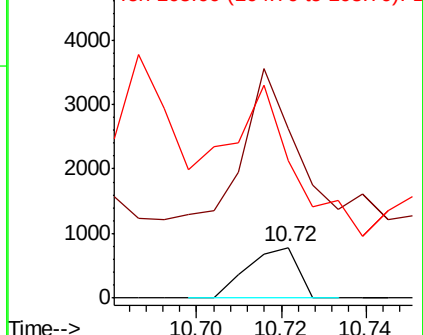
105 269.9 34.0 74.0#

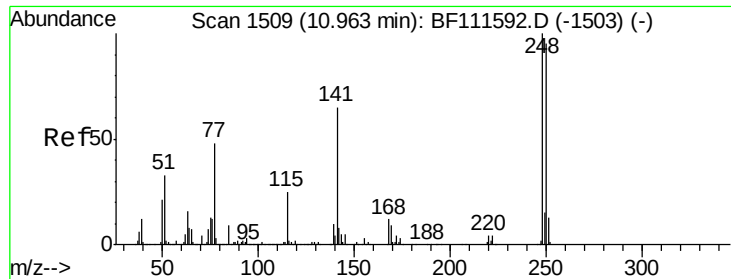


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

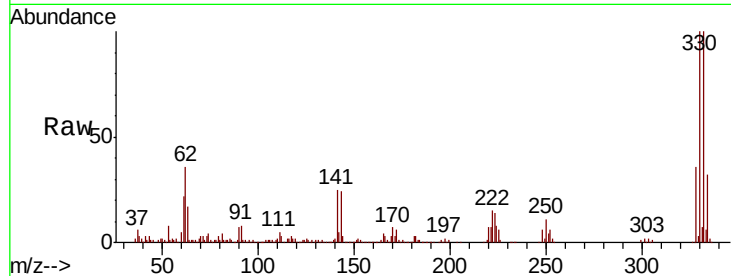




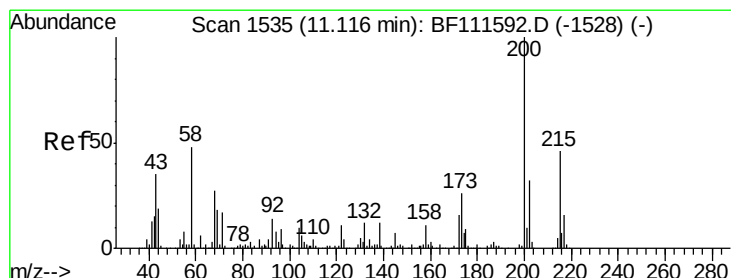
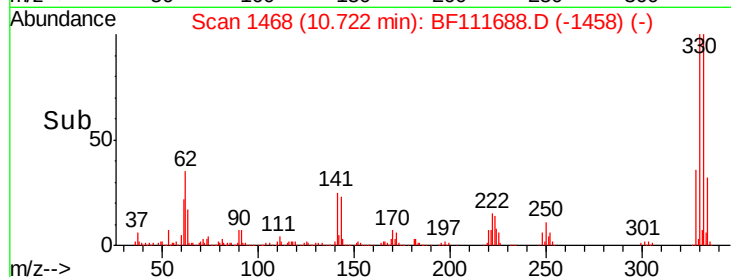
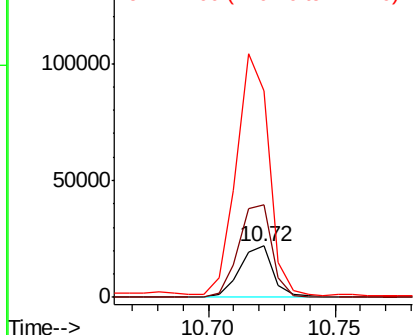
#67
4-Bromophenyl-phenylether
Concen: 3.446 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.24 min
Lab File: BF111688.D
Acq: 21 Dec 2018 15:37

Instrument :
BNA_F
ClientSampleId :
P001-SS024-0612-01

Tgt Ion:248 Resp: 20084
Ion Ratio Lower Upper
248 100
250 180.1 77.0 115.4#
141 404.1 63.0 94.6#

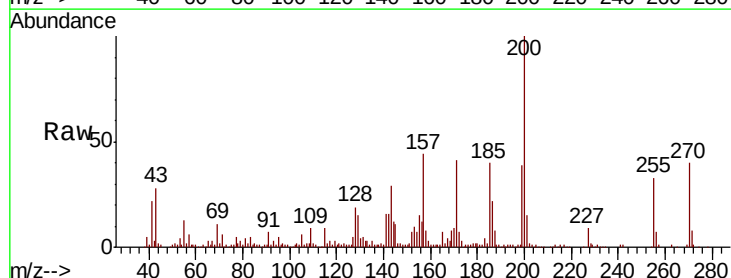


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

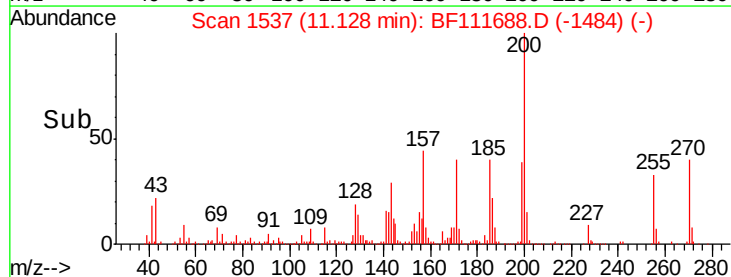
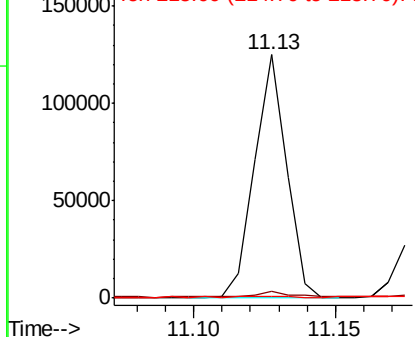


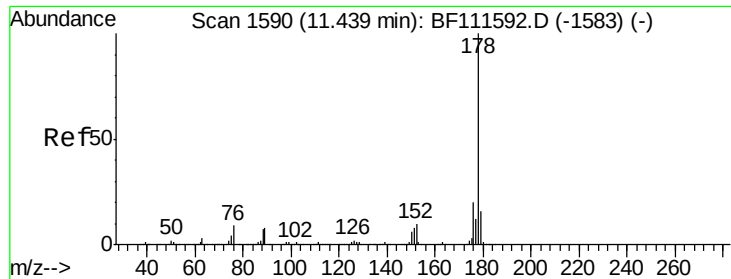
#69
Atrazine
Concen: 17.999 ng
RT: 11.13 min Scan# 1537
Delta R.T. 0.01 min
Lab File: BF111688.D
Acq: 21 Dec 2018 15:37

Tgt Ion:200 Resp: 98622
Ion Ratio Lower Upper
200 100
173 2.7 10.1 50.1#
215 0.6 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

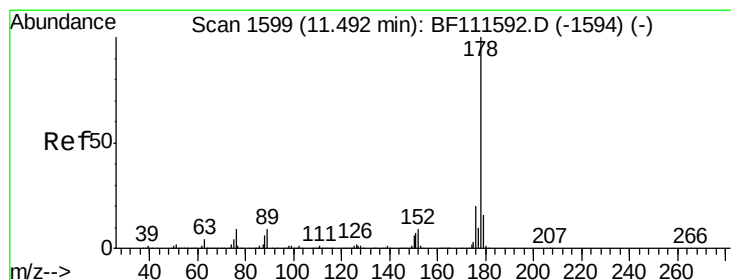
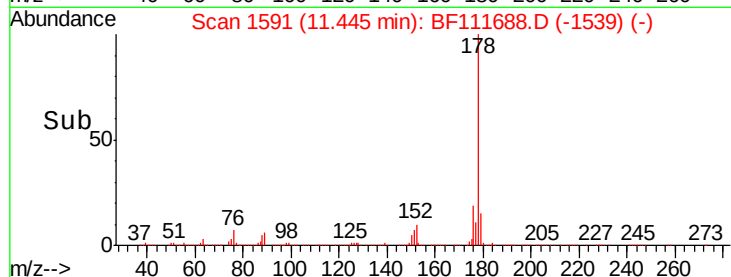
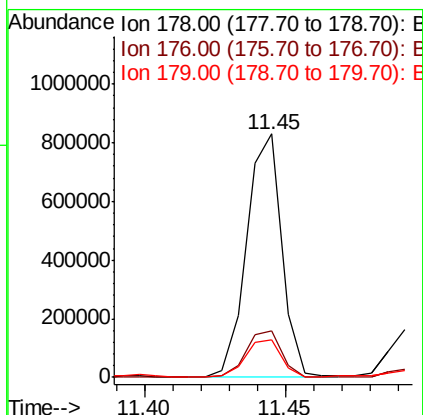
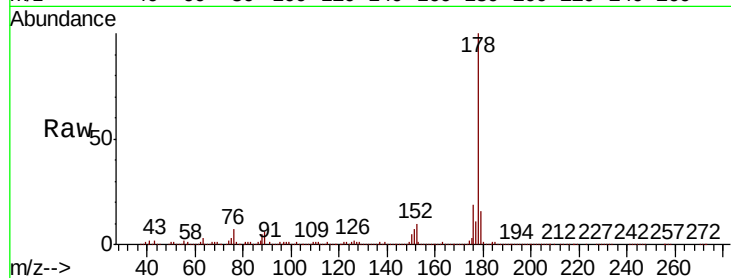




#71
Phenanthrene
Concen: 28.699 ng
RT: 11.45 min Scan# 1591
Delta R.T. 0.01 min
Lab File: BF111688.D
Acq: 21 Dec 2018 15:37

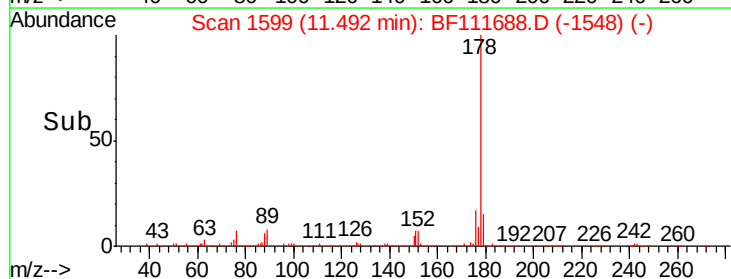
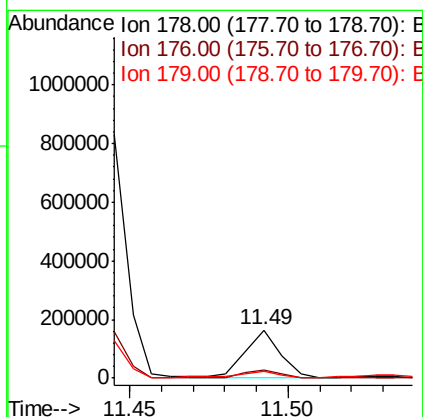
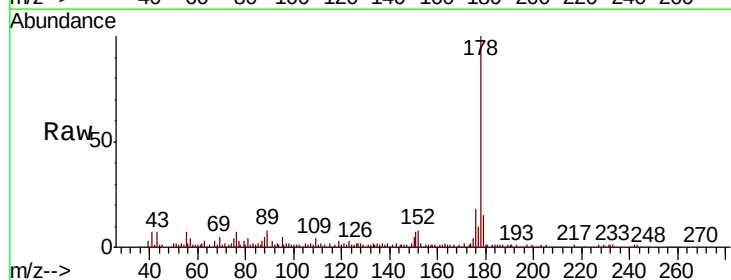
Instrument :
BNA_F
ClientSampleId :
P001-SS024-0612-01

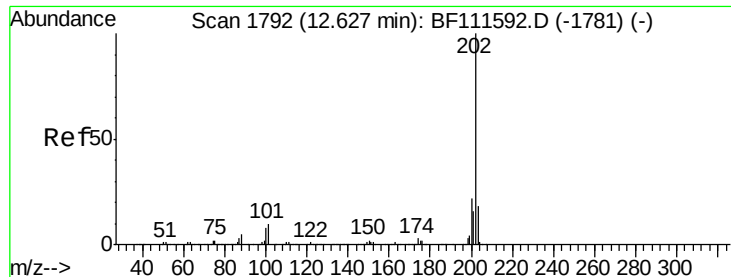
Tgt Ion:178 Resp: 715107
Ion Ratio Lower Upper
178 100
176 18.9 18.1 27.1
179 15.6 14.0 21.0



#72
Anthracene
Concen: 4.841 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BF111688.D
Acq: 21 Dec 2018 15:37

Tgt Ion:178 Resp: 121066
Ion Ratio Lower Upper
178 100
176 18.0 17.2 25.8
179 15.5 13.8 20.8





#75

Fluoranthene

Concen: 11.738 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.00 min

Lab File: BF111688.D

Acq: 21 Dec 2018 15:37

Instrument :

BNA_F

ClientSampleId :

P001-SS024-0612-01

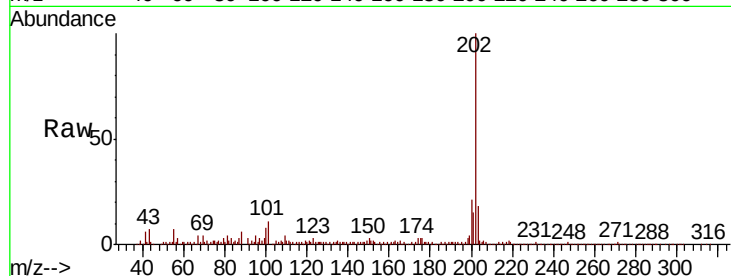
Tgt Ion:202 Resp: 296173

Ion Ratio Lower Upper

202 100

101 10.9 0.0 33.8

203 17.9 0.0 38.6

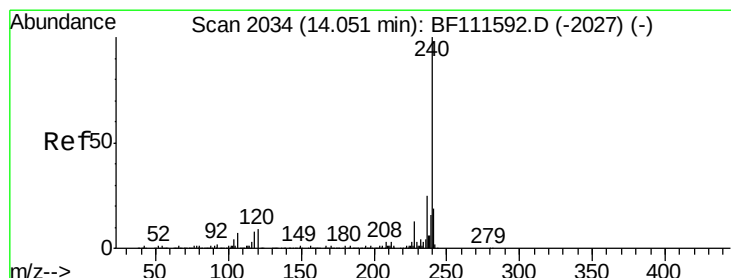
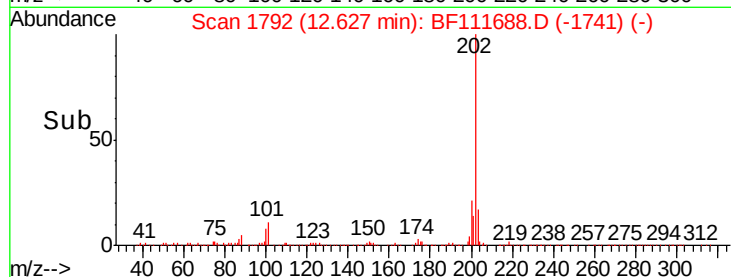
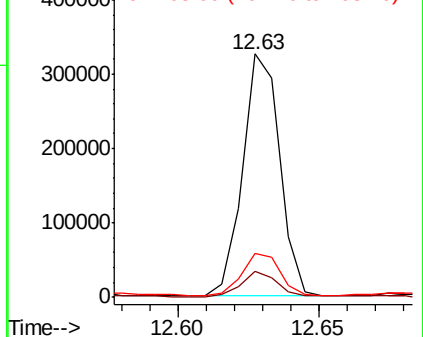


Abundance

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: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF111688.D

Acq: 21 Dec 2018 15:37

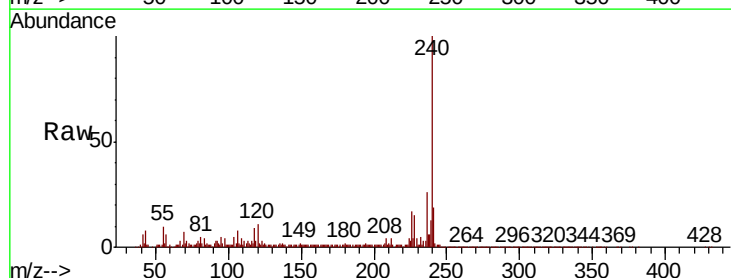
Tgt Ion:240 Resp: 384011

Ion Ratio Lower Upper

240 100

120 11.3 12.2 18.2#

236 26.4 20.2 30.2

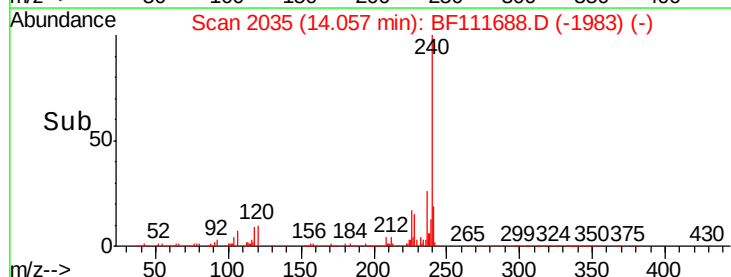
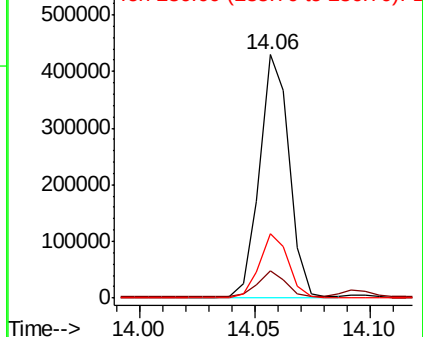


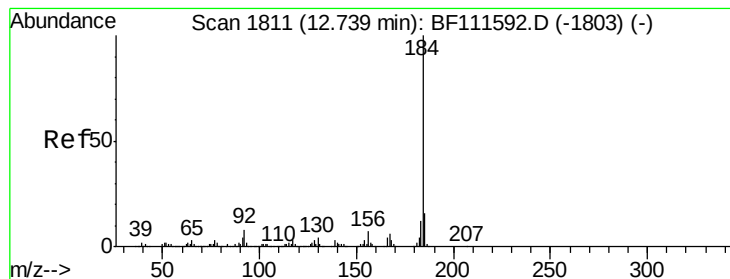
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.086 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF111688.D

Acq: 21 Dec 2018 15:37

Instrument :

BNA_F

ClientSampleId :

P001-SS024-0612-01

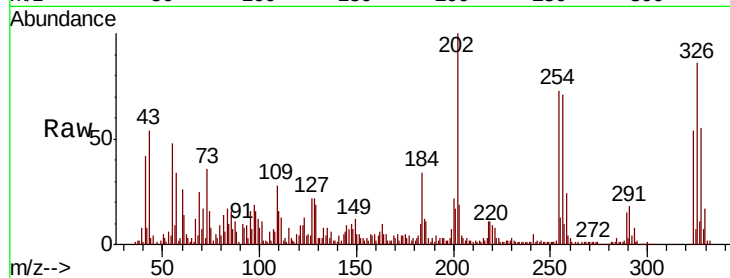
Tgt Ion:184 Resp: 30142

Ion Ratio Lower Upper

184 100

185 33.9 13.0 19.6#

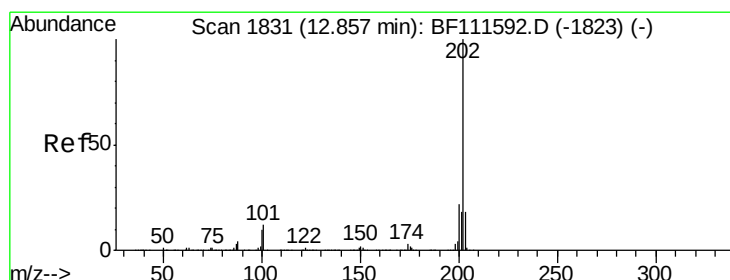
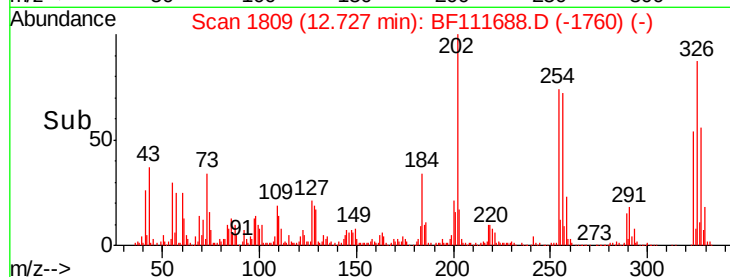
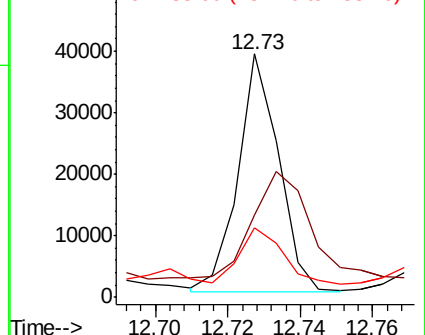
183 28.8 9.3 13.9#



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: 18.585 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF111688.D

Acq: 21 Dec 2018 15:37

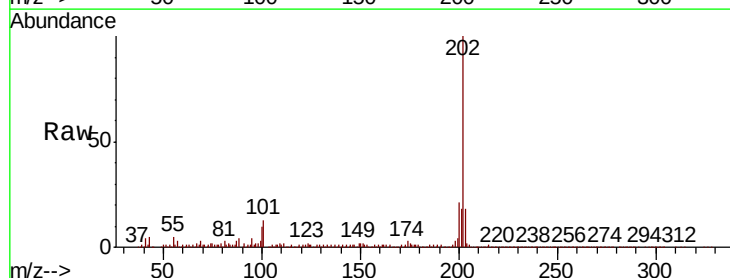
Tgt Ion:202 Resp: 503997

Ion Ratio Lower Upper

202 100

200 21.0 19.0 28.4

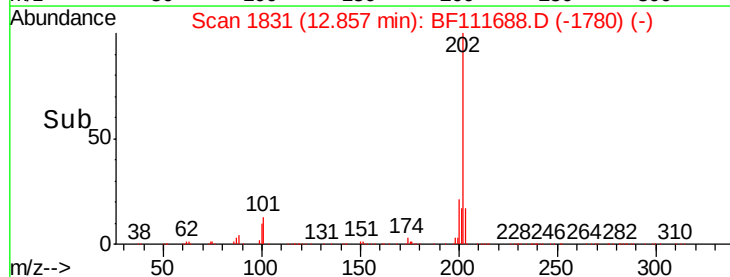
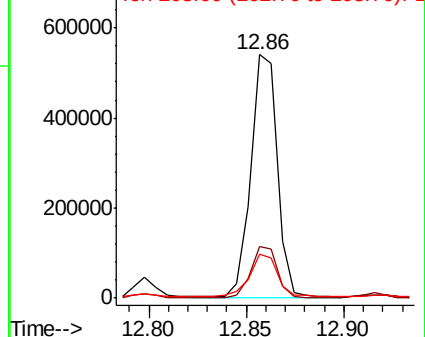
203 17.9 15.2 22.8

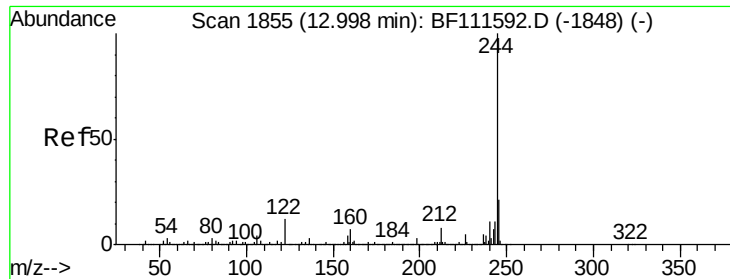


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 57.386 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.01 min

Lab File: BF111688.D

Acq: 21 Dec 2018 15:37

Instrument :

BNA_F

ClientSampleId :

P001-SS024-0612-01

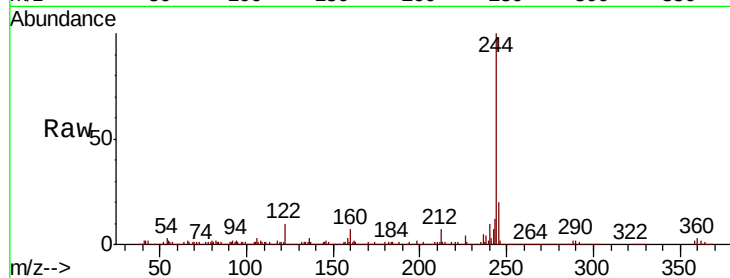
Tgt Ion:244 Resp: 1162033

Ion Ratio Lower Upper

244 100

212 6.6 5.7 8.5

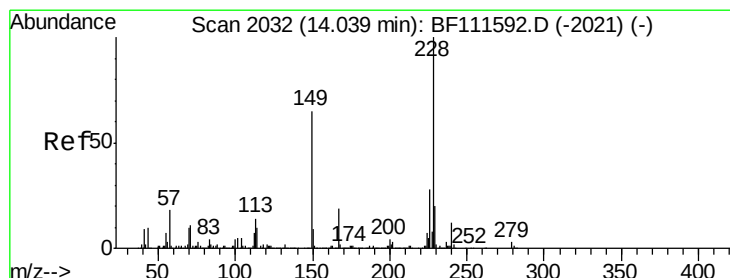
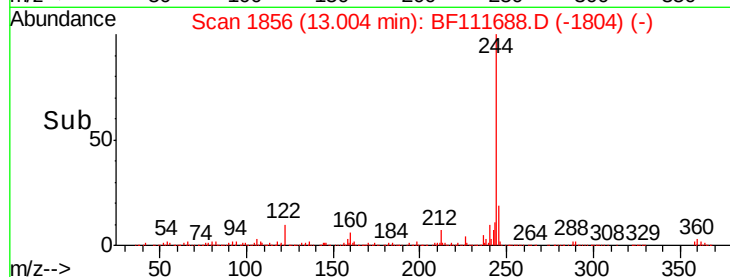
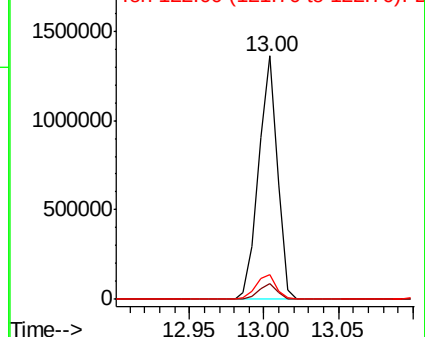
122 10.3 13.1 19.7#



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



#81

Benzo(a)anthracene

Concen: 6.369 ng

RT: 14.09 min Scan# 2040

Delta R.T. 0.05 min

Lab File: BF111688.D

Acq: 21 Dec 2018 15:37

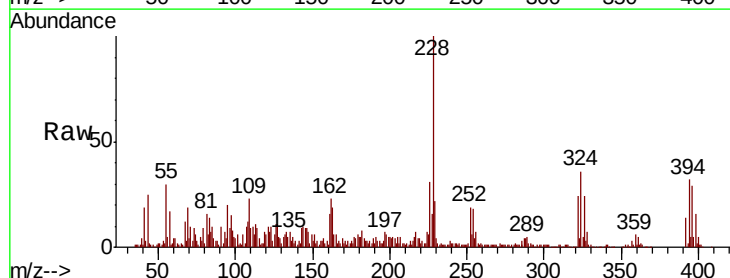
Tgt Ion:228 Resp: 139570

Ion Ratio Lower Upper

228 100

226 30.7 22.6 34.0

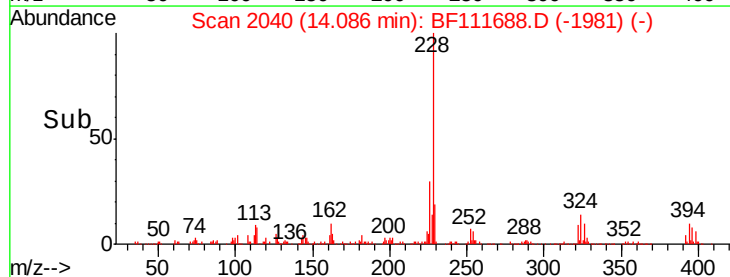
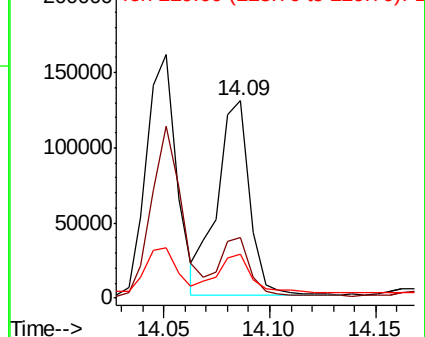
229 22.3 16.3 24.5

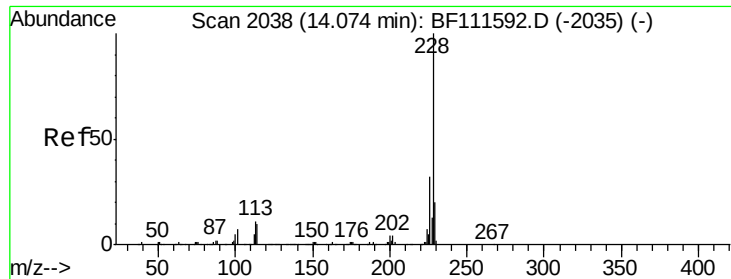


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Chrysene

Concen: 6.480 ng

RT: 14.09 min Scan# 2040

Delta R.T. 0.01 min

Lab File: BF111688.D

Acq: 21 Dec 2018 15:37

Instrument :

BNA_F

ClientSampleId :

P001-SS024-0612-01

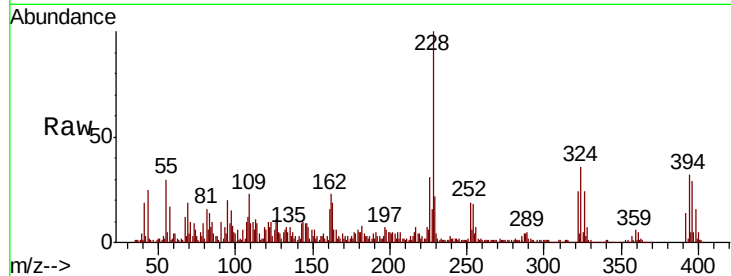
Tgt Ion:228 Resp: 139570

Ion Ratio Lower Upper

228 100

226 30.7 25.3 37.9

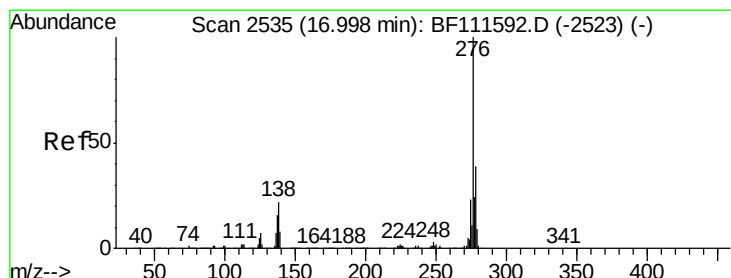
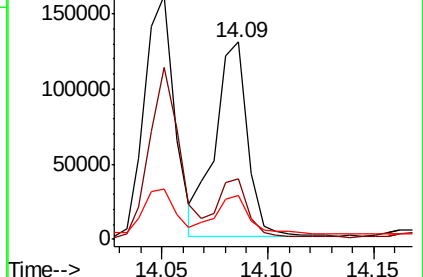
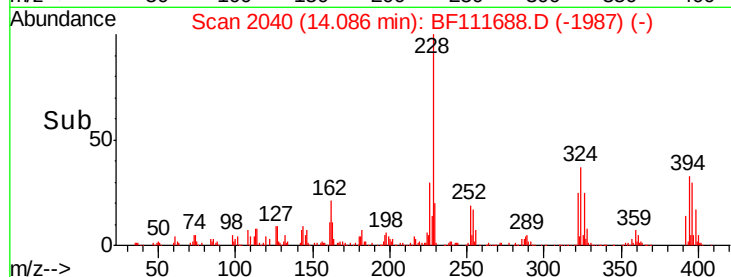
229 22.3 17.2 25.8



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



#86

Indeno(1,2,3-cd)pyrene

Concen: 2.674 ng

RT: 17.04 min Scan# 2542

Delta R.T. 0.04 min

Lab File: BF111688.D

Acq: 21 Dec 2018 15:37

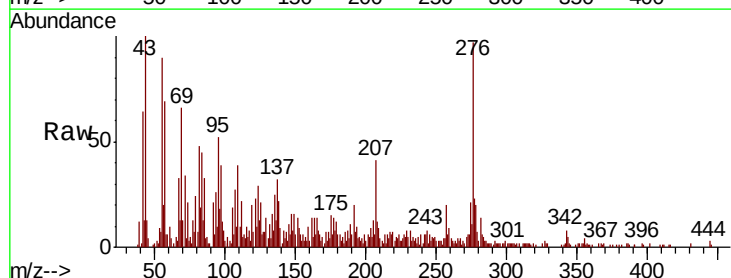
Tgt Ion:276 Resp: 48965

Ion Ratio Lower Upper

276 100

138 25.7 27.8 41.6#

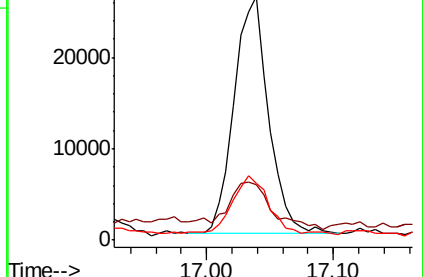
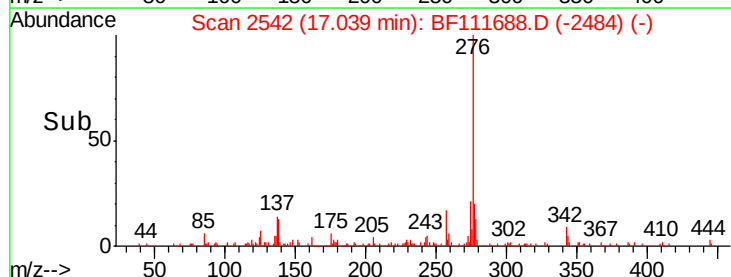
277 25.0 20.1 30.1

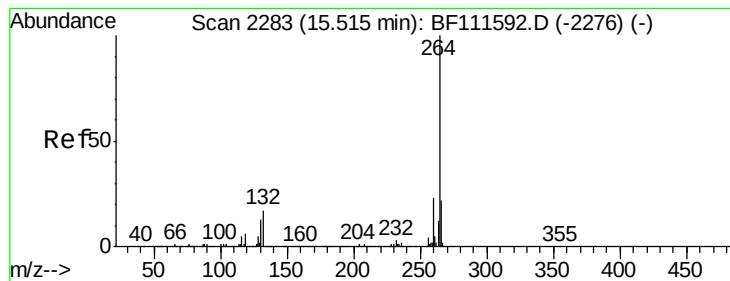


Abundance Ion 276.00 (275.70 to 276.70): E

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: BF111688.D

Acq: 21 Dec 2018 15:37

Instrument :

BNA_F

ClientSampleId :

P001-SS024-0612-01

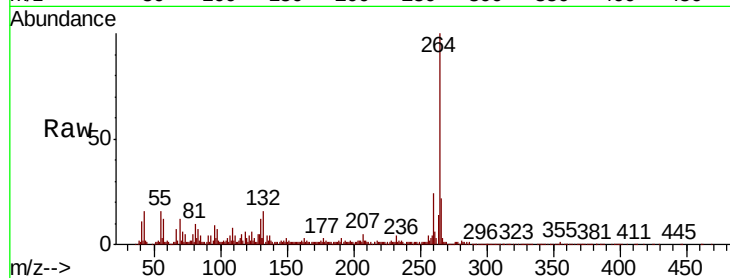
Tgt Ion:264 Resp: 279256

Ion Ratio Lower Upper

264 100

260 23.9 18.3 27.5

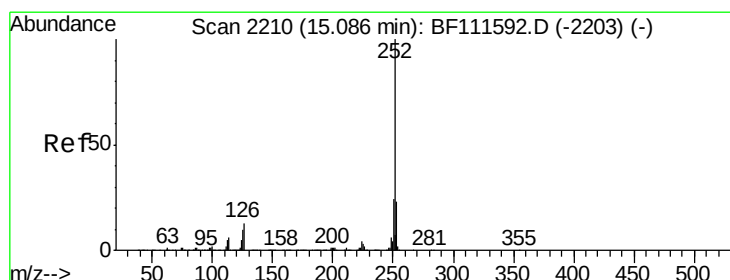
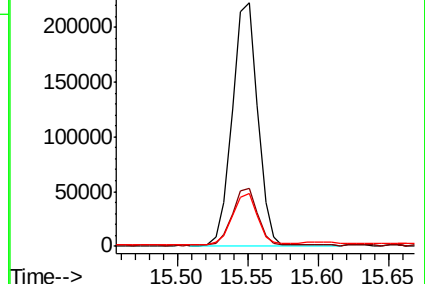
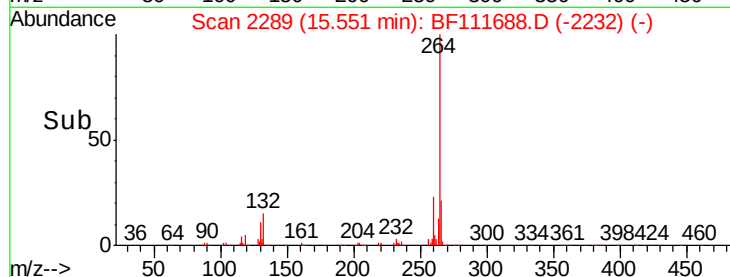
265 21.9 17.7 26.5



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: 8.005 ng

RT: 15.11 min Scan# 2214

Delta R.T. 0.02 min

Lab File: BF111688.D

Acq: 21 Dec 2018 15:37

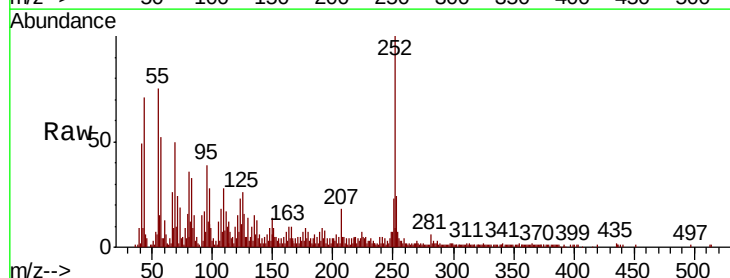
Tgt Ion:252 Resp: 130646

Ion Ratio Lower Upper

252 100

253 23.6 18.2 27.2

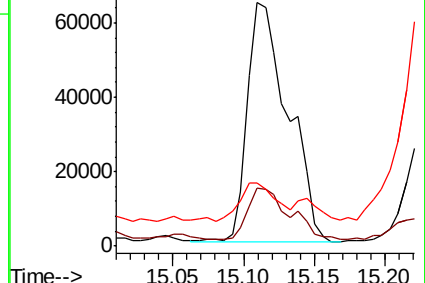
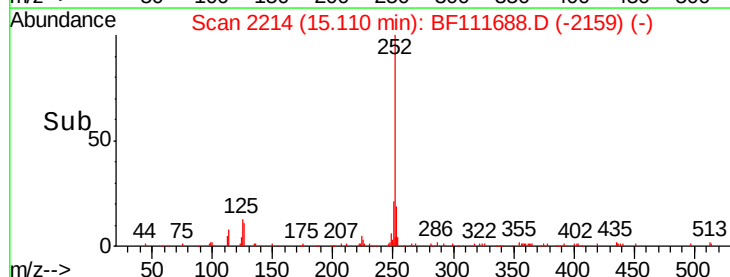
125 26.2 10.4 15.6#

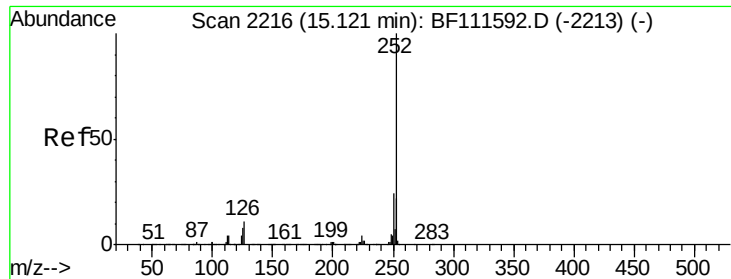


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

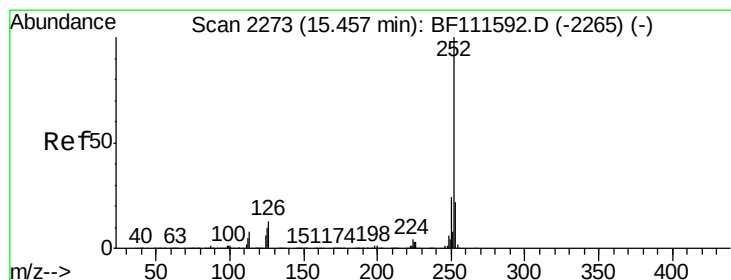
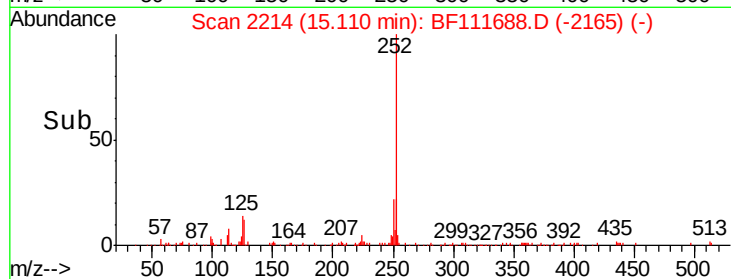
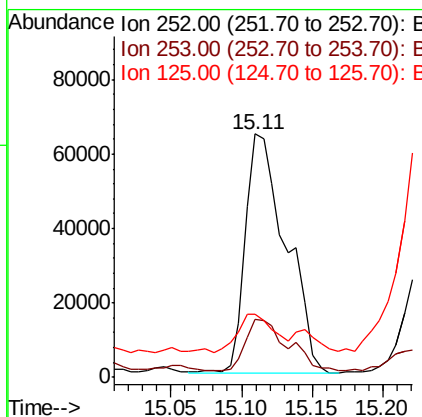
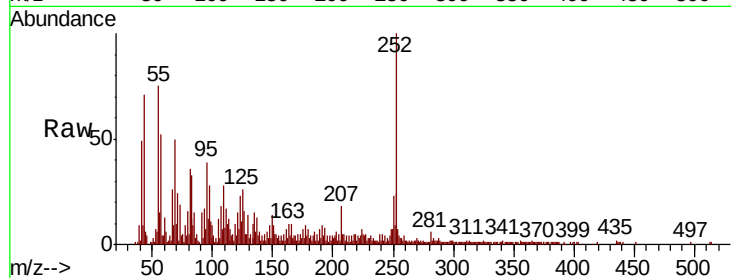




#89
Benzo(k)fluoranthene
Concen: 8.408 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF111688.D
Acq: 21 Dec 2018 15:37

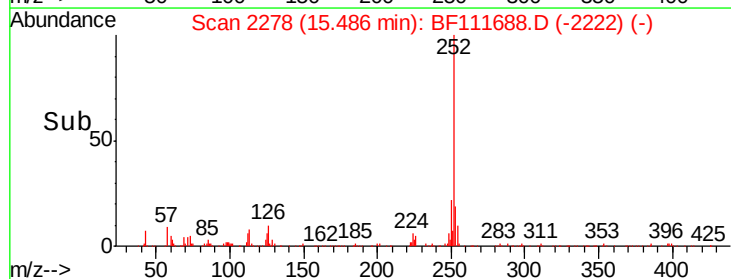
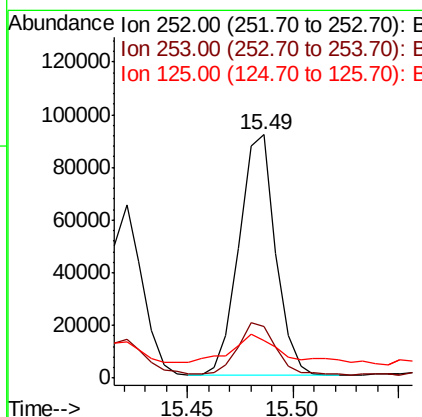
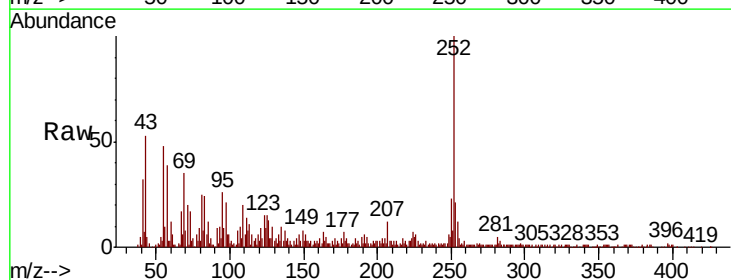
Instrument :
BNA_F
ClientSampleId :
P001-SS024-0612-01

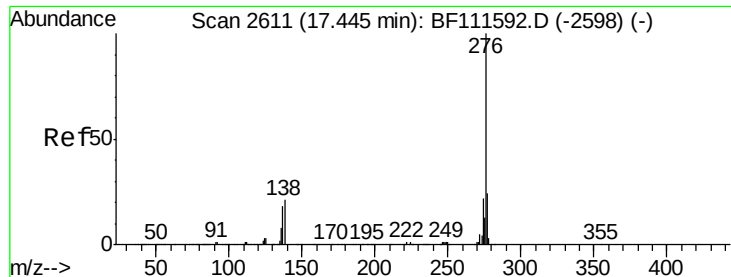
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.1	27.1
125	26.2	9.8	14.8



#90
Benzo(a)pyrene
Concen: 7.410 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.03 min
Lab File: BF111688.D
Acq: 21 Dec 2018 15:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.8	26.8
125	15.2	12.3	18.5





#92

Benzo(g,h,i)perylene

Concen: 5.503 ng

RT: 17.49 min Scan# 2618

Delta R.T. 0.04 min

Lab File: BF111688.D

Acq: 21 Dec 2018 15:37

Instrument :

BNA_F

ClientSampleId :

P001-SS024-0612-01

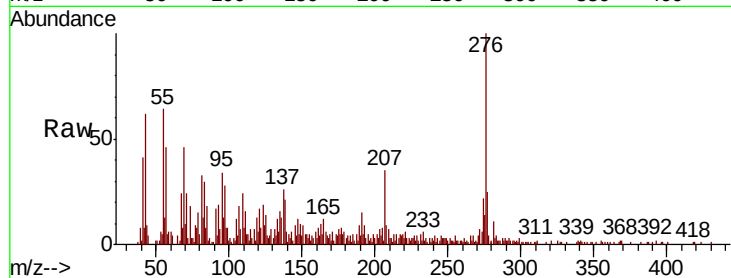
Tgt Ion: 276 Resp: 69769

Ion Ratio Lower Upper

276 100

277 24.6 19.2 28.8

138 20.8 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

