

Data Path : U:\HPCHEM1\BNA F\DATA\BF012818\
 Data File : BF102568.D
 Acq On : 28 Jan 2018 20:10
 Operator : SJ/JU
 Sample : J1253-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 29 03:18:22 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 20:48:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	140930	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	555806	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	217085	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	294377	20.00	ng	0.00
75) Chrysene-d12	13.88	240	248508	20.00	ng	0.00
86) Perylene-d12	15.31	264	233426	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	973991	104.79	ng	0.00
7) Phenol-d6	6.36	99	1150882	102.71	ng	0.00
23) Nitrobenzene-d5	7.28	82	716056	74.04	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	172173	80.04	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1114722	75.50	ng	0.00
78) Terphenyl-d14	12.82	244	700763	63.57	ng	0.00

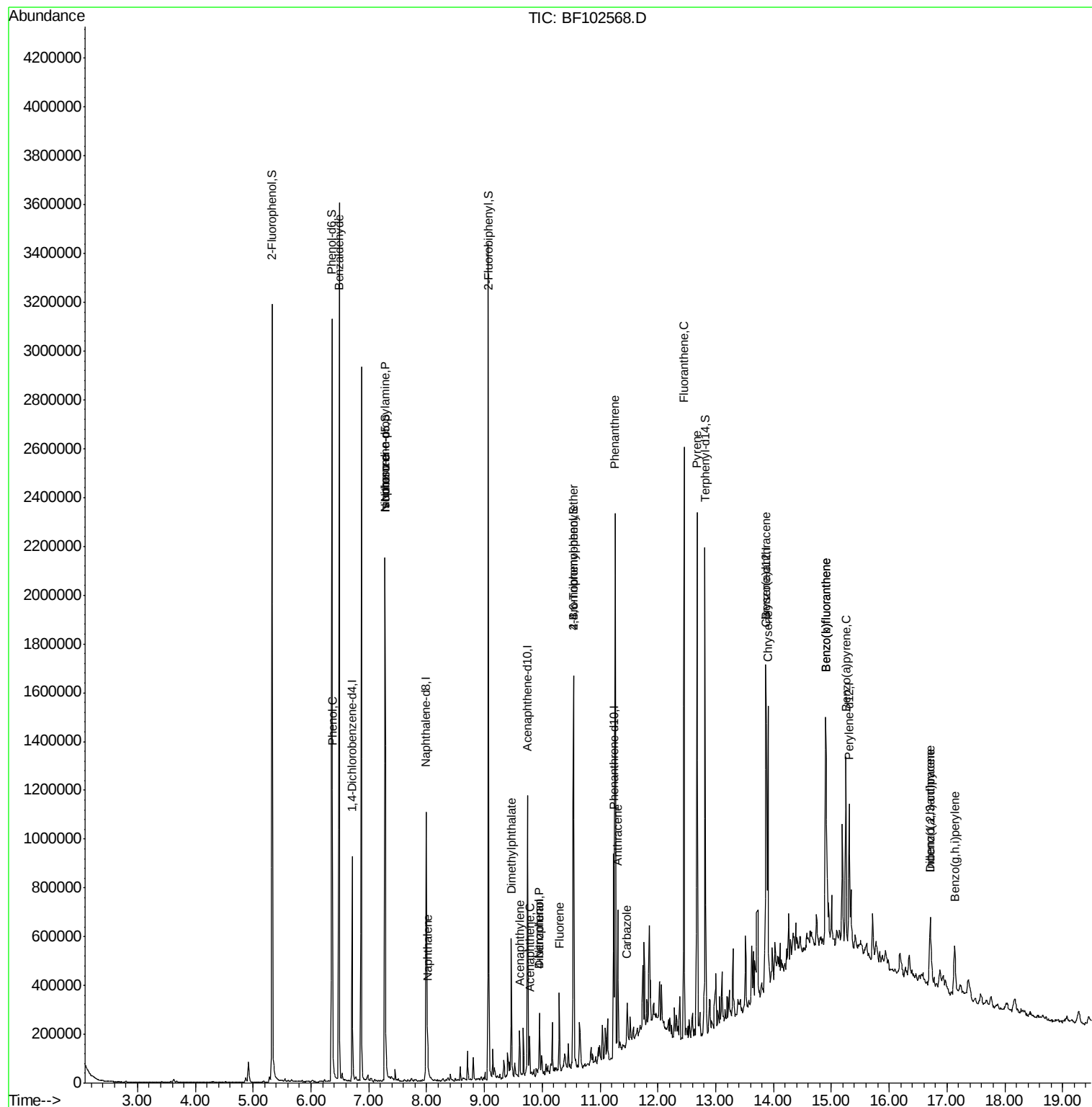
Target Compounds				Qvalue		
9) Benzaldehyde	6.49	77	19783	2.557	ng	82
10) Phenol	6.37	94	51650	4.222	ng	98
19) n-Nitroso-di-n-propylamine	7.28	70	94591	13.794	ng	# 80
25) Isophorone	7.28	82	716049	41.528	ng	# 64
31) Naphthalene	8.02	128	79755	2.874	ng	98
48) Acenaphthylene	9.61	152	71697	3.050	ng	99
49) Dimethylphthalate	9.46	163	218153	12.158	ng	97
51) Acenaphthene	9.78	154	28503	2.076	ng	97
54) Dibenzofuran	9.95	168	91246	4.911	ng	98
55) 4-Nitrophenol	9.95	139	34429	11.397	ng	# 11
57) Fluorene	10.29	166	96458	6.552	ng	98
66) 4-Bromophenyl-phenylether	10.54	248	11777	3.716	ng	# 1
70) Phenanthrene	11.26	178	839235	48.924	ng	99
71) Anthracene	11.31	178	220170	12.575	ng	99
72) Carbazole	11.47	167	71407	4.180	ng	99
74) Fluoranthene	12.45	202	994442	56.848	ng	99
77) Pyrene	12.68	202	838576	43.645	ng	99
80) Benzo(a)anthracene	13.87	228	497325	32.505	ng	98
82) Chrysene	13.90	228	402363	25.897	ng	98
85) Indeno(1,2,3-cd)pyrene	16.71	276	163998	12.781	ng	97
87) Benzo(b)fluoranthene	14.90	252	692636	45.780	ng	# 94
88) Benzo(k)fluoranthene	14.90	252	692636	48.456	ng	97
89) Benzo(a)pyrene	15.25	252	338204	24.786	ng	# 94
90) Dibenzo(a,h)anthracene	16.71	278	45916	4.154	ng	# 84
91) Benzo(g,h,i)perylene	17.13	276	148480	13.605	ng	97

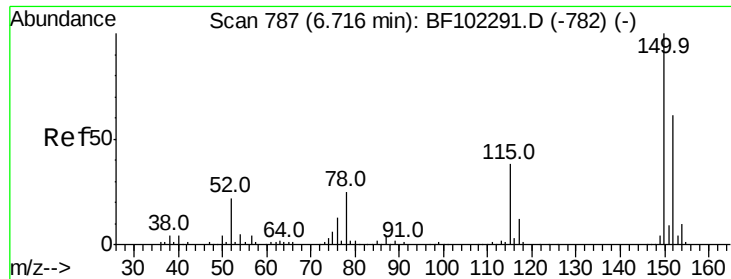
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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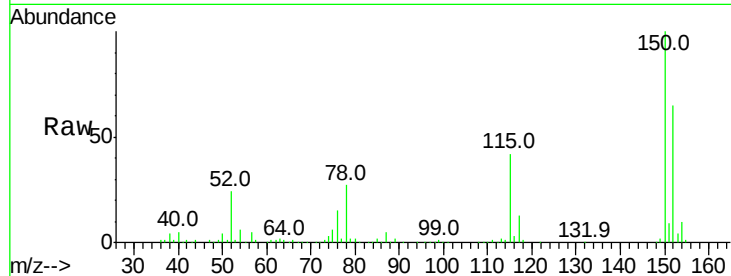


#1

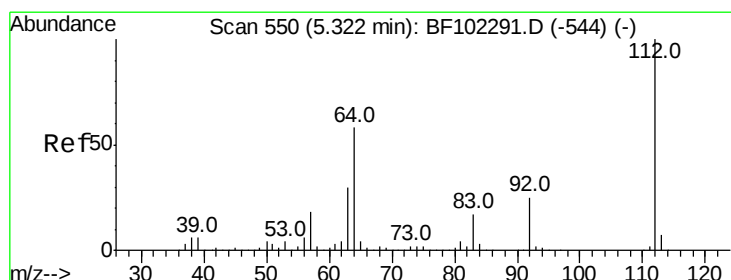
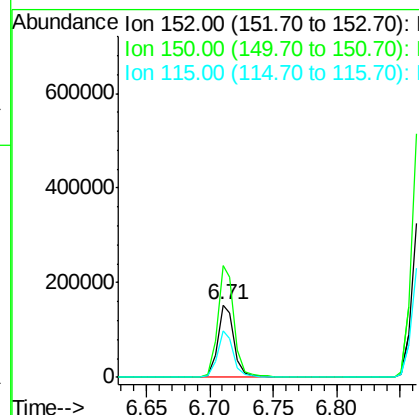
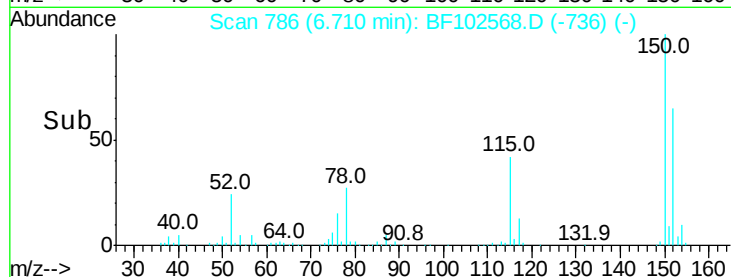
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF102568.D
Acq: 28 Jan 2018 20:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 140930
Ion Ratio Lower Upper
152 100
150 154.3 124.6 186.8
115 64.4 50.1 75.1



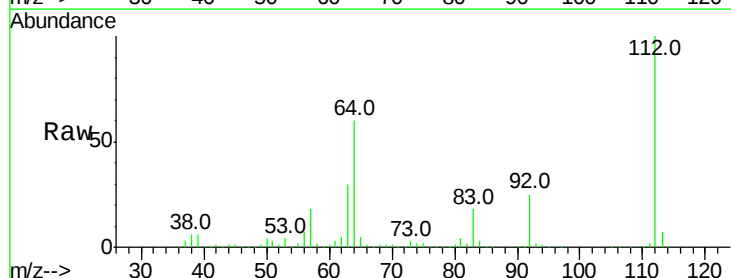
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



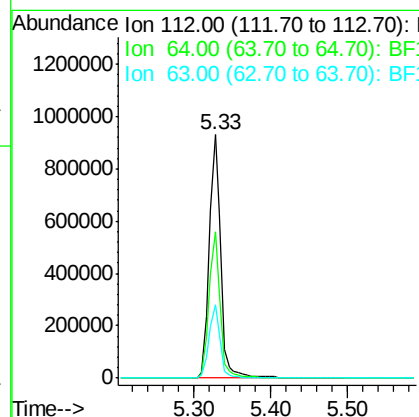
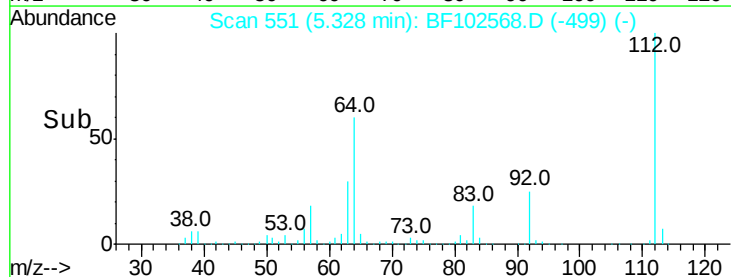
#5

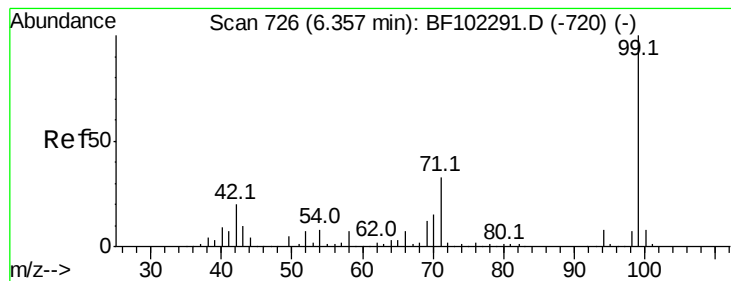
2-Fluorophenol
Concen: 104.791 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF102568.D
Acq: 28 Jan 2018 20:10

Tgt Ion:112 Resp: 973991
Ion Ratio Lower Upper
112 100
64 60.1 47.9 71.9
63 29.9 23.7 35.5



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: 102.707 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF102568.D

Acq: 28 Jan 2018 20:10

Instrument :

BNA_F

ClientSampled :

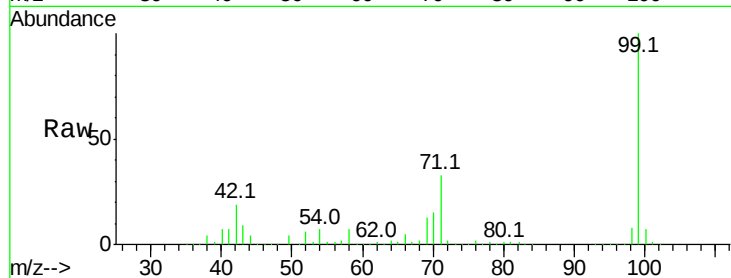
Tot Ion: 99 Resp: 1150882

Ion Ratio Lower Upper

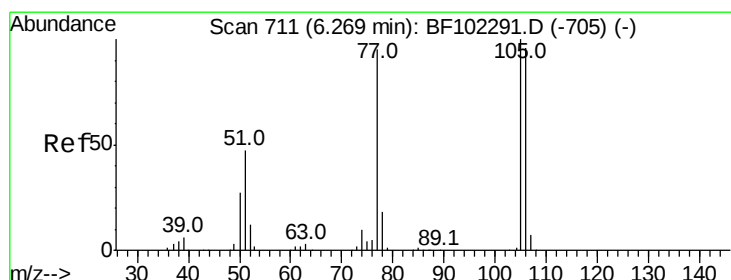
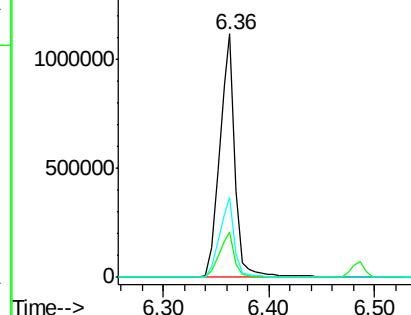
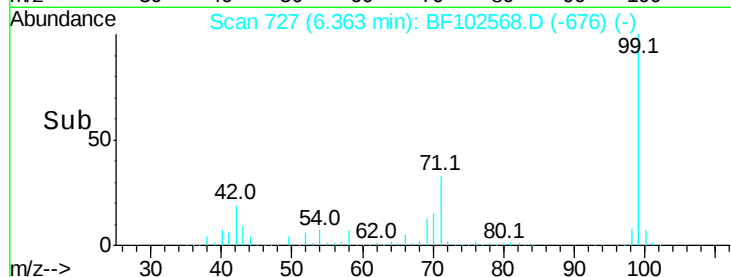
99 100

42 18.5 14.5 21.7

71 32.9 25.4 38.0



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: 2.557 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.22 min

Lab File: BF102568.D

Acq: 28 Jan 2018 20:10

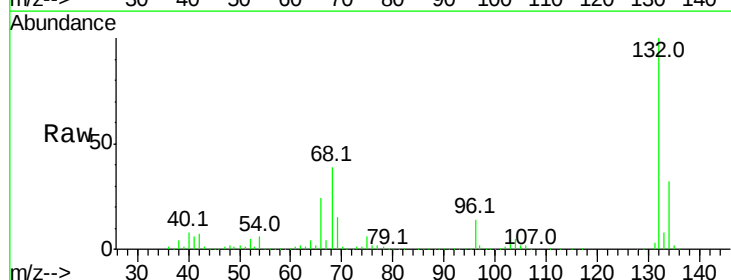
Tgt Ion: 77 Resp: 19783

Ion Ratio Lower Upper

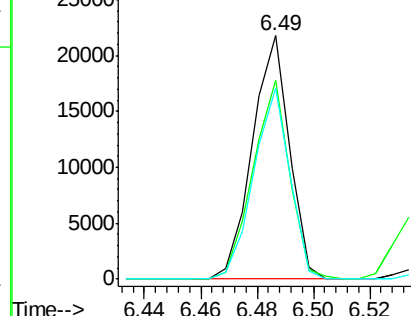
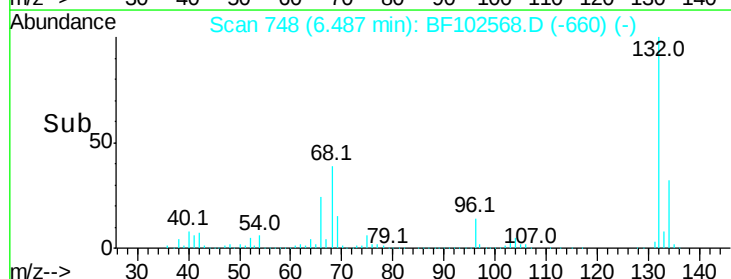
77 100

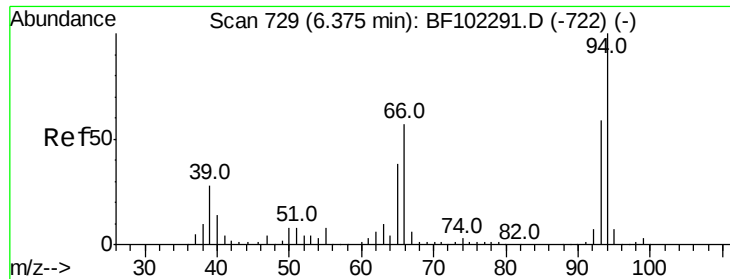
105 81.5 81.1 121.1

106 78.3 74.5 114.5



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: 4.222 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF102568.D

Acq: 28 Jan 2018 20:10

Instrument :

BNA_F

ClientSampleId :

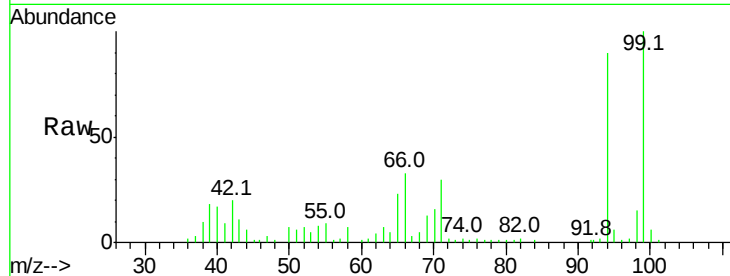
Tot Ion: 94 Resp: 51650

Ion Ratio Lower Upper

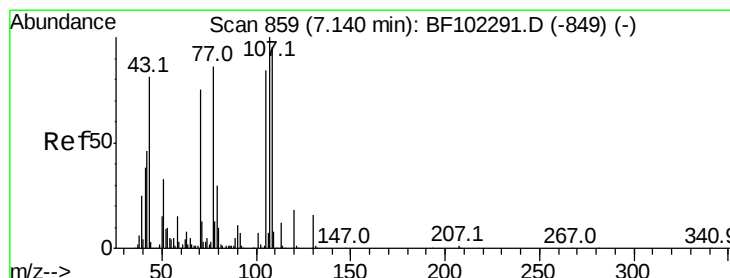
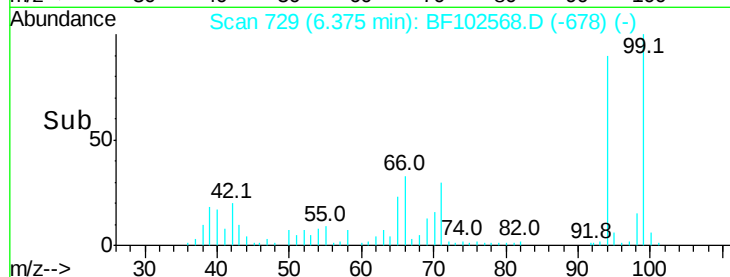
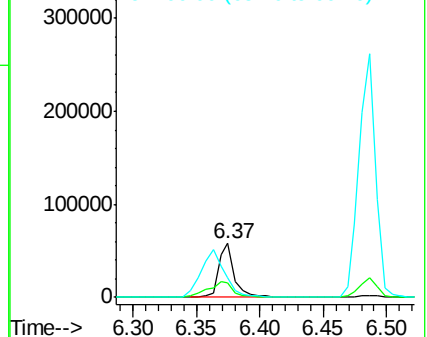
94 100

65 25.9 7.9 47.9

66 36.1 16.2 56.2



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: 13.794 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.15 min

Lab File: BF102568.D

Acq: 28 Jan 2018 20:10

Tgt Ion: 70 Resp: 94591

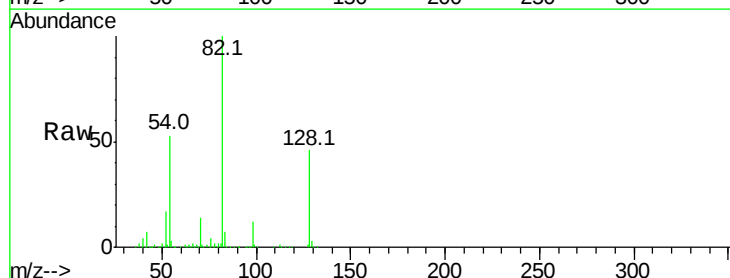
Ion Ratio Lower Upper

70 100

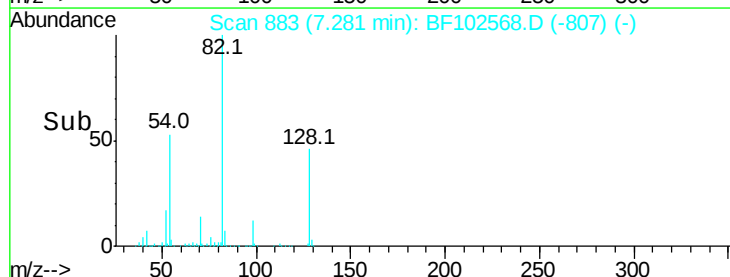
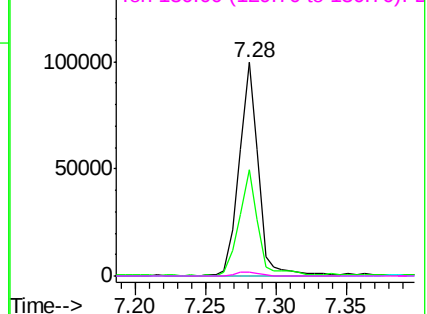
42 49.9 47.5 71.3

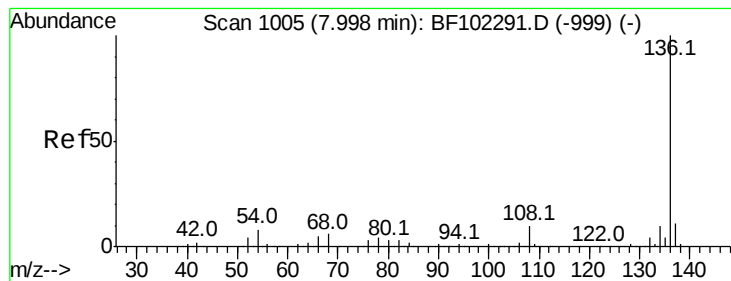
101 0.0 7.4 11.2#

130 2.1 16.6 25.0#



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: 7.99 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF102568.D

Acq: 28 Jan 2018 20:10

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 555806

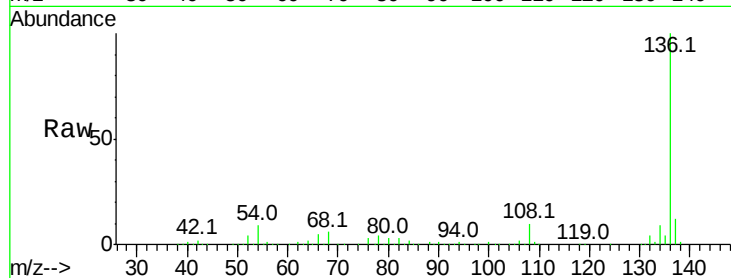
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 9.1 6.6 9.8

68 6.1 5.0 7.4

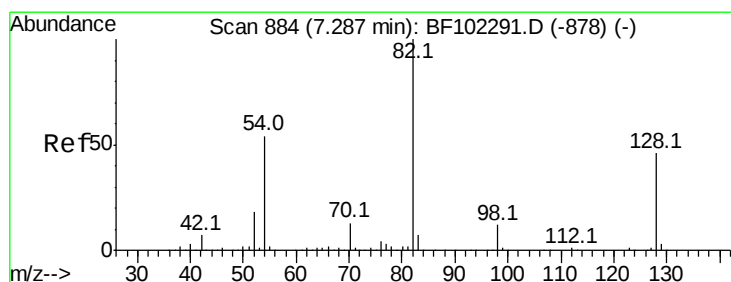
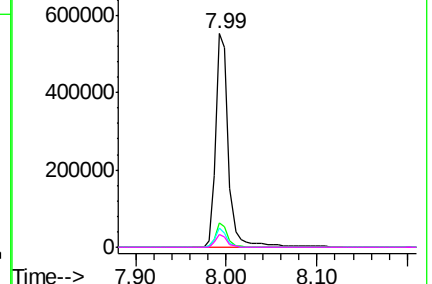
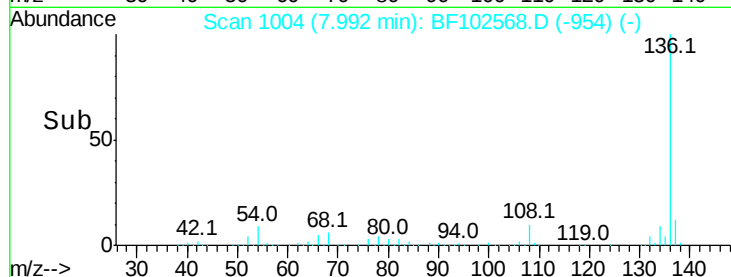


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 74.036 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF102568.D

Acq: 28 Jan 2018 20:10

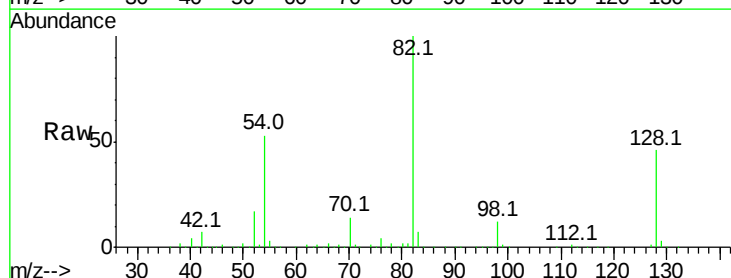
Tgt Ion: 82 Resp: 716056

Ion Ratio Lower Upper

82 100

128 45.7 36.1 54.1

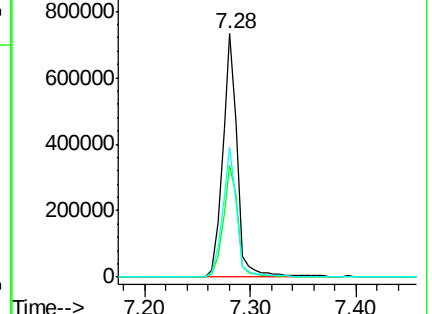
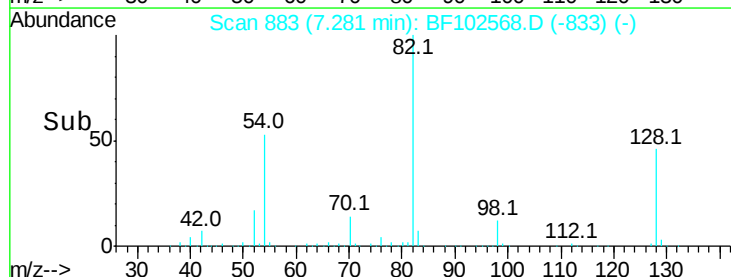
54 53.1 41.4 62.2

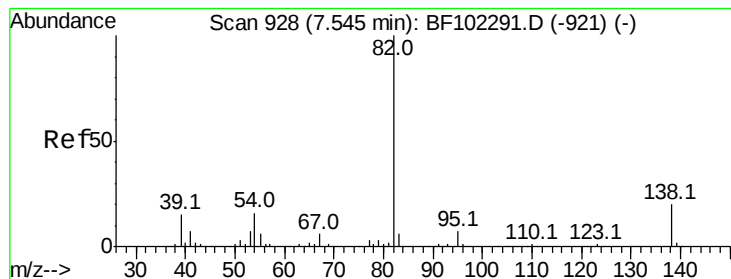


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 41.528 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.26 min

Lab File: BF102568.D

Acq: 28 Jan 2018 20:10

Instrument :

BNA_F

ClientSampleId :

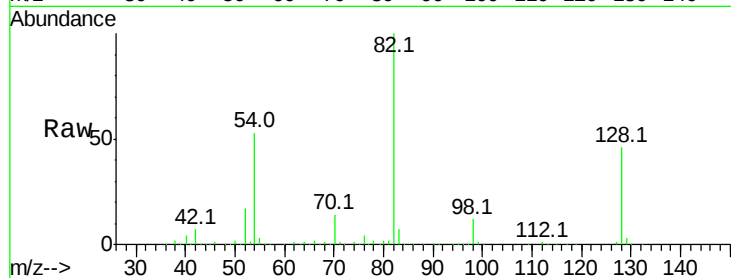
Tot Ion: 82 Resp: 716049

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

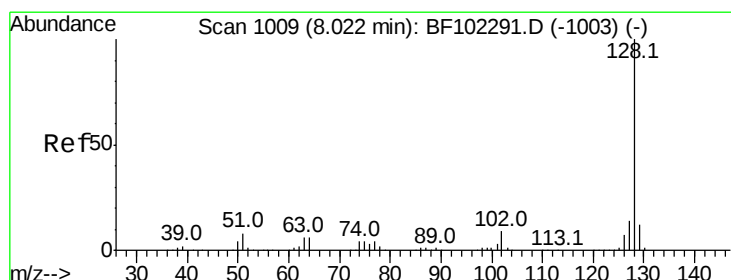
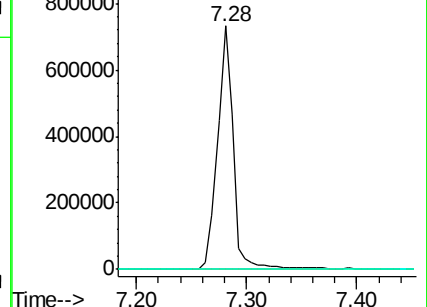
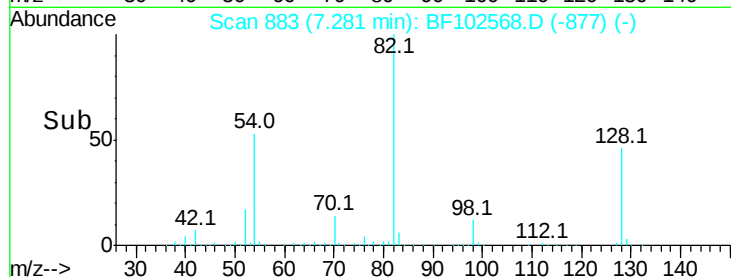
138 0.0 14.9 22.3#



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



#31

Naphthalene

Concen: 2.874 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF102568.D

Acq: 28 Jan 2018 20:10

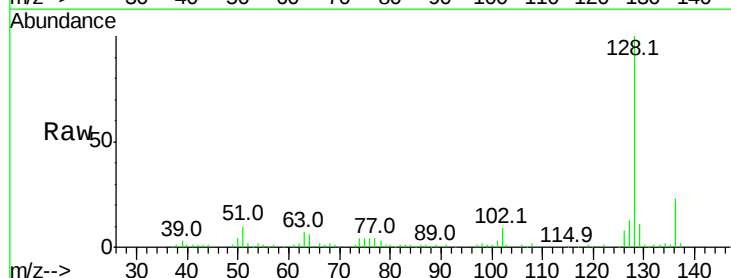
Tgt Ion: 128 Resp: 79755

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

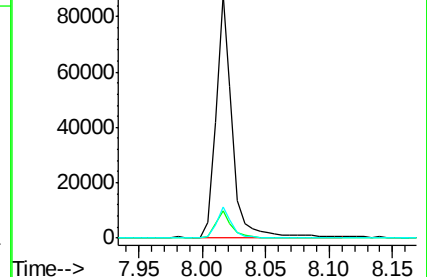
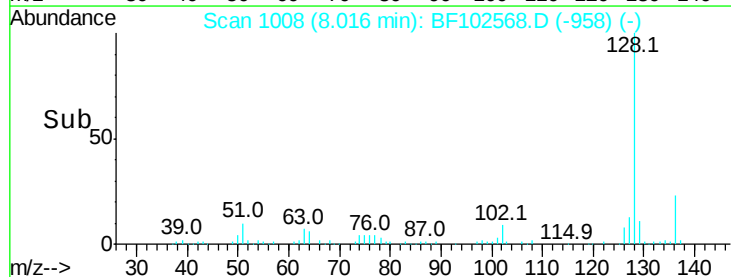
127 12.8 10.9 16.3

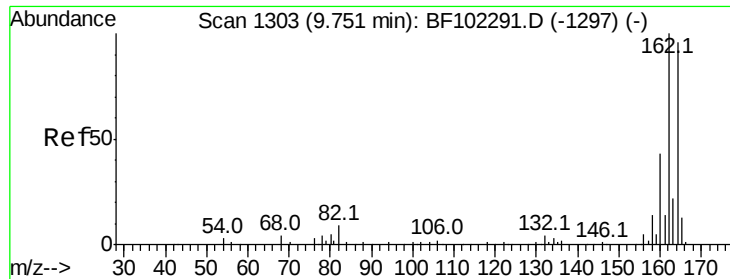


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

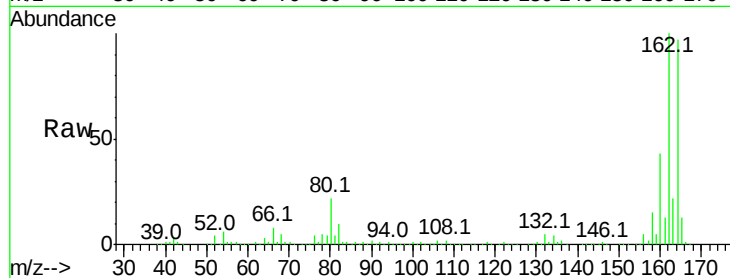




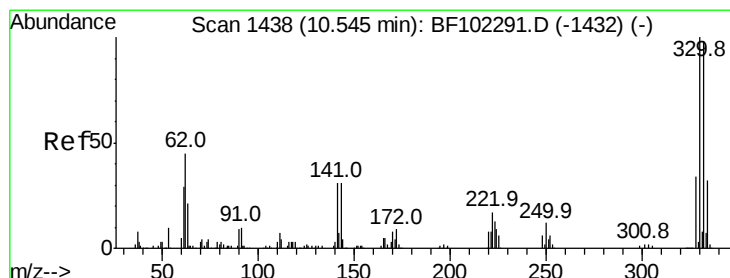
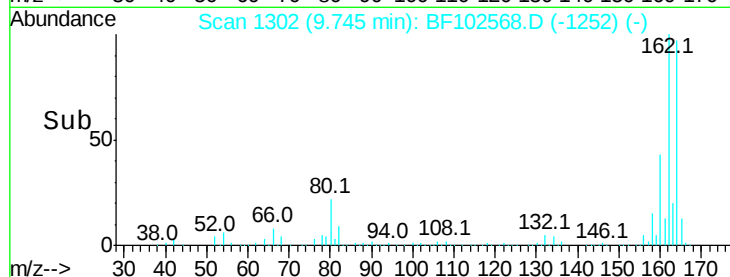
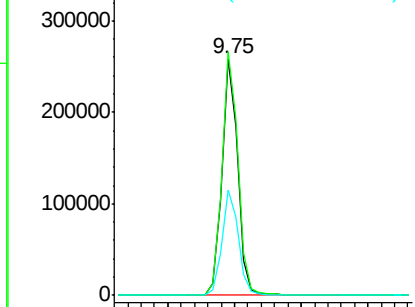
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF102568.D
 Acq: 28 Jan 2018 20:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 217085
 Ion Ratio Lower Upper
 164 100
 162 103.1 86.1 129.1
 160 44.5 38.3 57.5

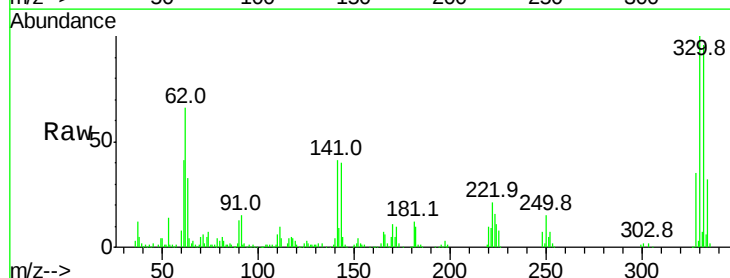


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

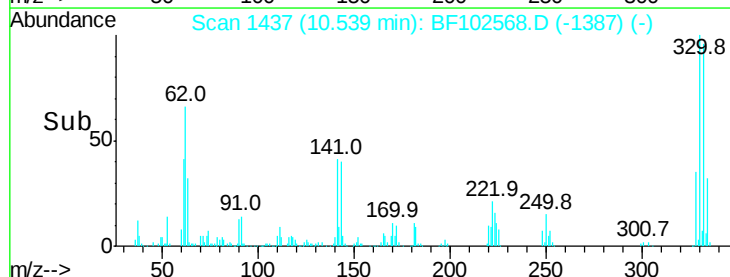
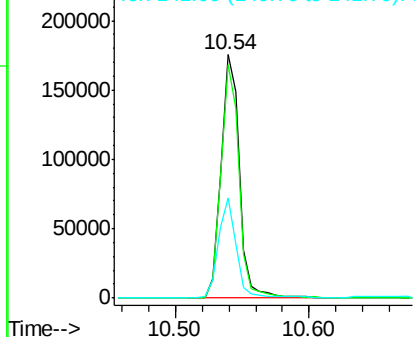


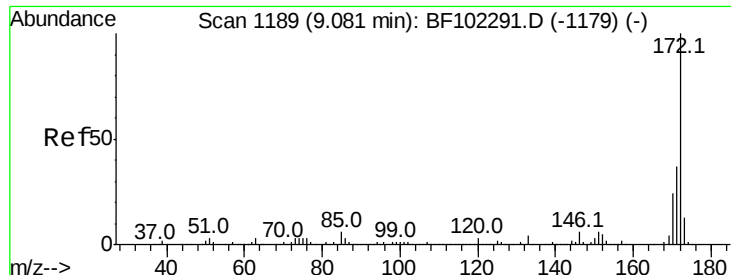
#41
 2,4,6-Tribromophenol
 Concen: 80.043 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102568.D
 Acq: 28 Jan 2018 20:10

Tgt Ion:330 Resp: 172173
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.0 115.6
 141 39.6 29.9 44.9



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



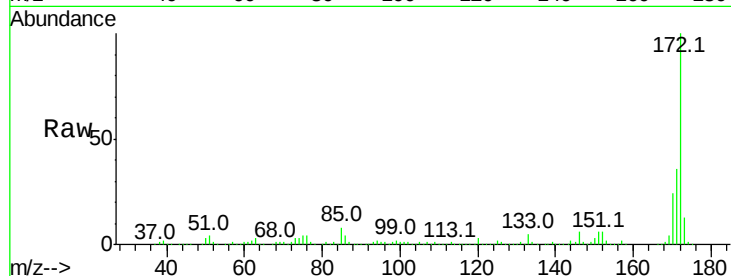


#44
 2-Fluorobiphenyl
 Concen: 75.502 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF102568.D
 Acq: 28 Jan 2018 20:10

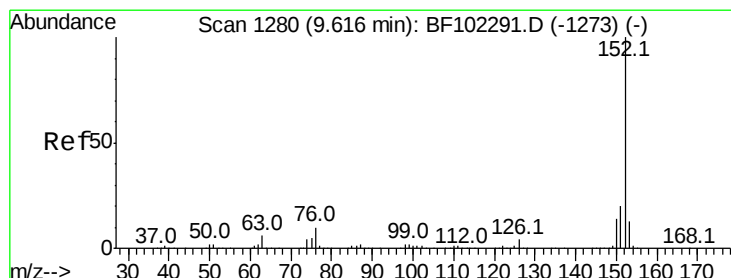
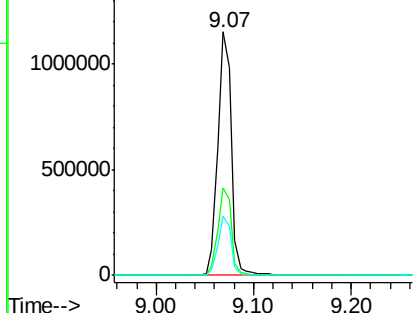
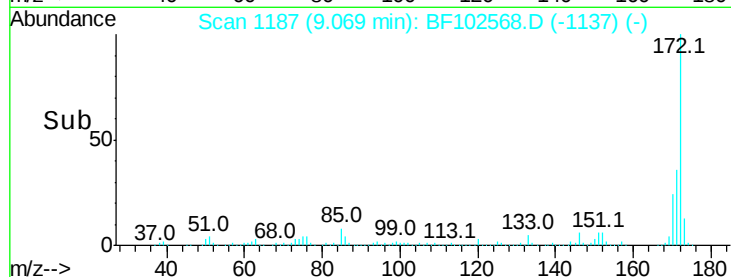
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1114722

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.3	19.6	29.4



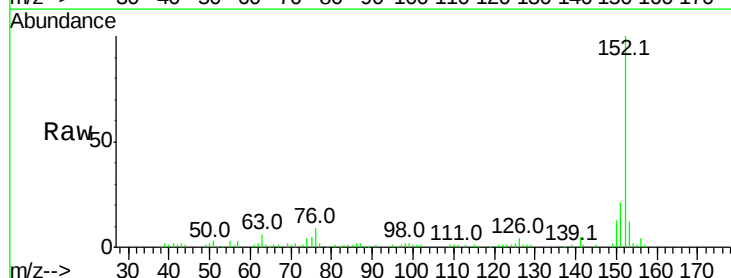
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



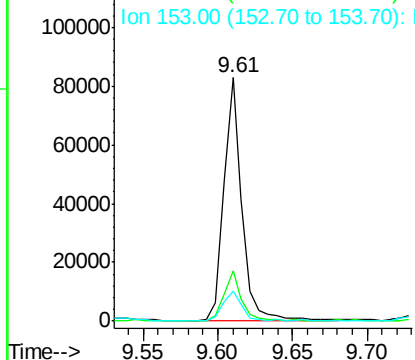
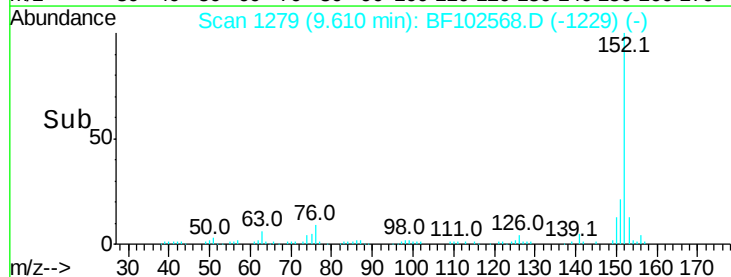
#48
 Acenaphthylene
 Concen: 3.050 ng
 RT: 9.61 min Scan# 1279
 Delta R.T. -0.01 min
 Lab File: BF102568.D
 Acq: 28 Jan 2018 20:10

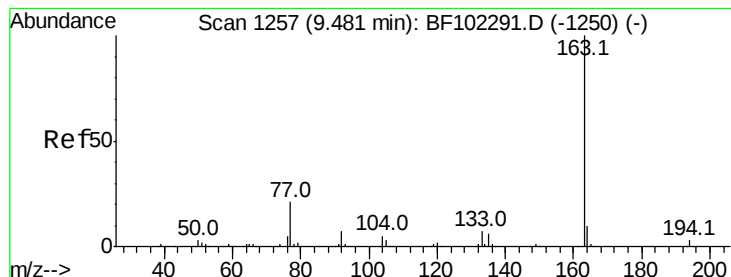
Tgt Ion:152 Resp: 71697

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.3	24.5
153	12.5	10.7	16.1



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





#49

Dimethylphthalate

Concen: 12.158 ng

RT: 9.46 min Scan# 1254

Delta R.T. -0.02 min

Lab File: BF102568.D

Acq: 28 Jan 2018 20:10

Instrument :

BNA_F

ClientSampleId :

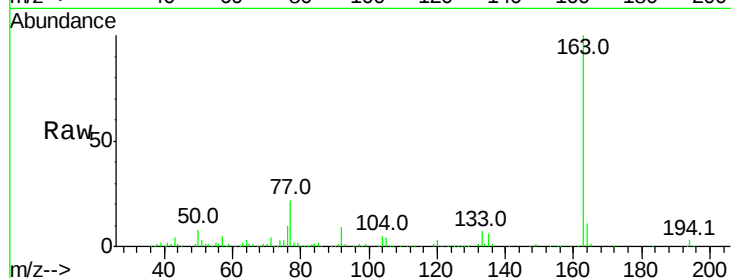
Tot Ion:163 Resp: 218153

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

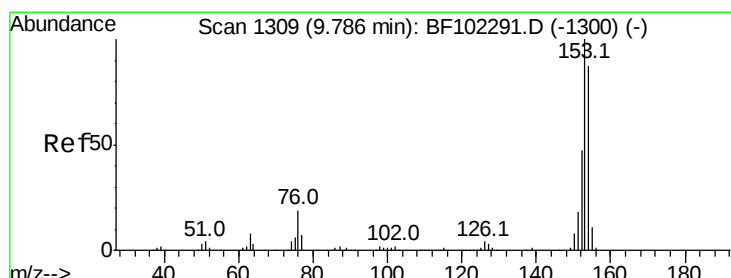
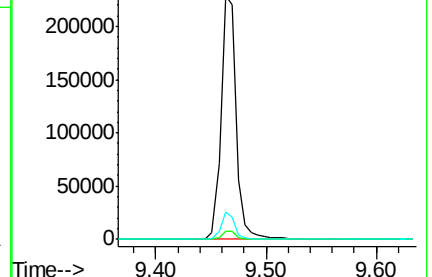
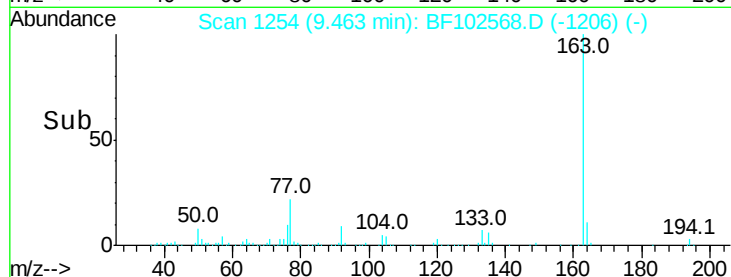
164 11.4 8.2 12.2



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

Acenaphthene

Concen: 2.076 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF102568.D

Acq: 28 Jan 2018 20:10

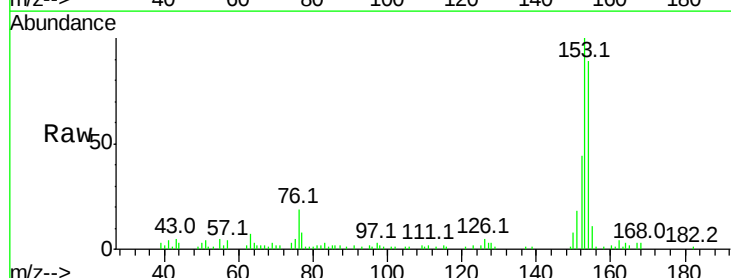
Tgt Ion:154 Resp: 28503

Ion Ratio Lower Upper

154 100

153 112.7 91.2 136.8

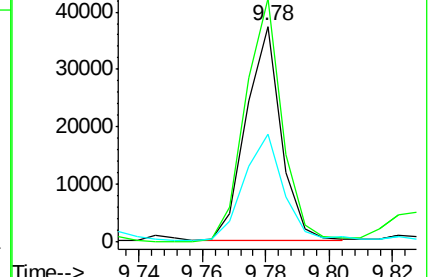
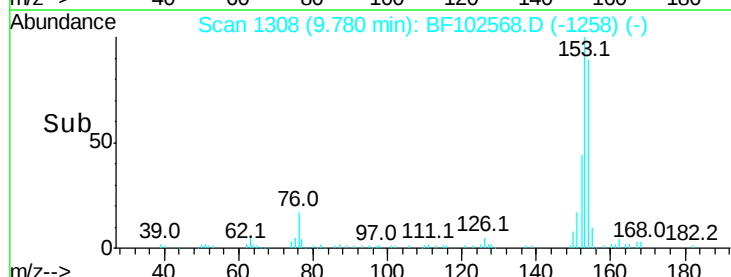
152 49.9 43.8 65.8

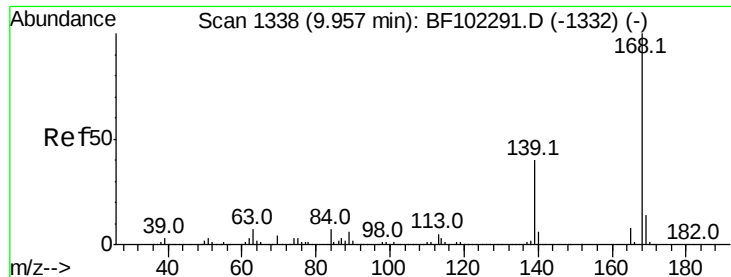


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

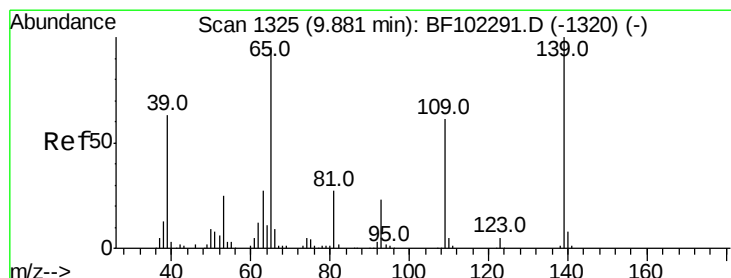
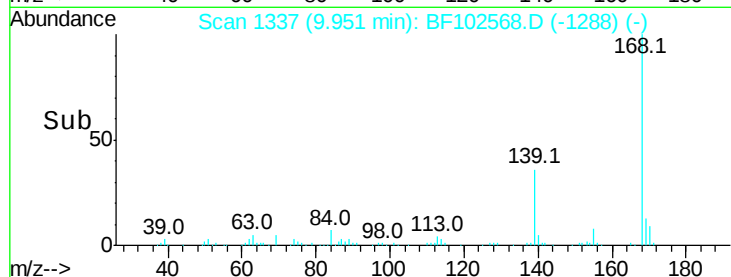
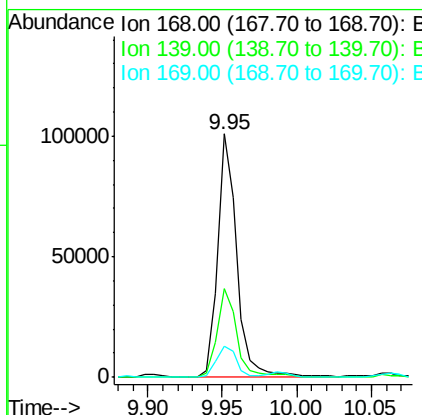
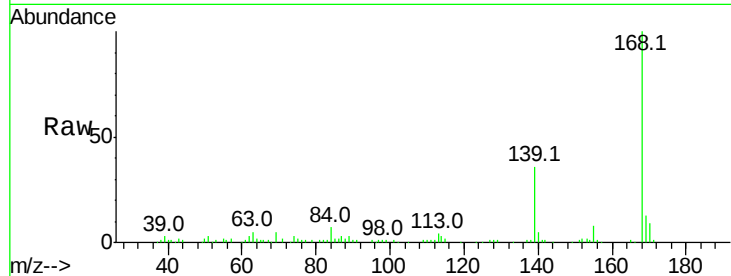




#54
Dibenzenofuran
Concen: 4.911 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF102568.D
Acq: 28 Jan 2018 20:10

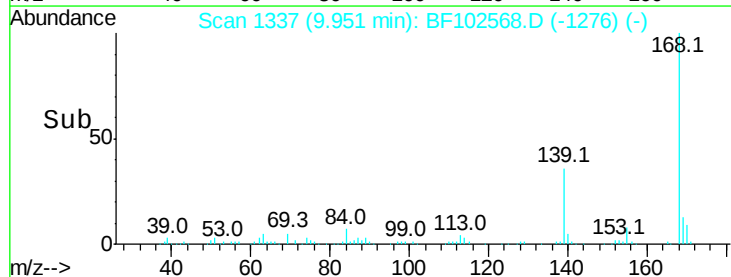
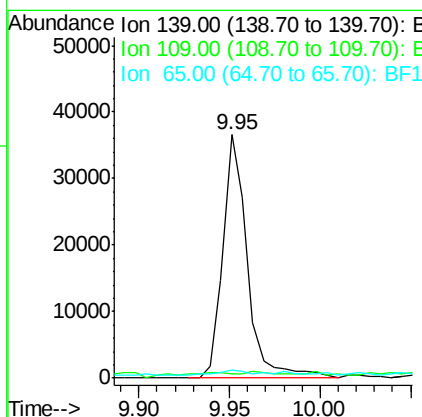
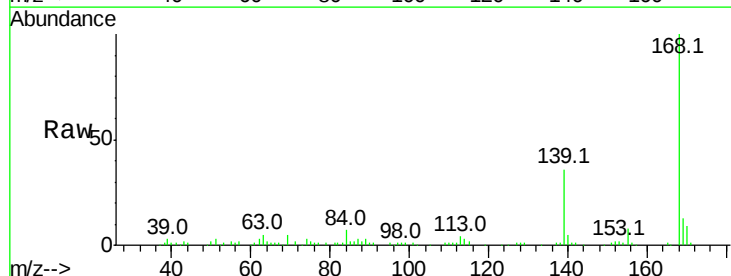
Instrument :
BNA_F
ClientSampleId :

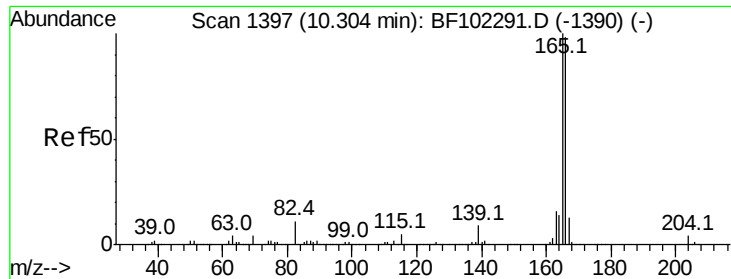
Tot Ion:168 Resp: 91246
Ion Ratio Lower Upper
168 100
139 36.3 30.1 45.1
169 13.0 10.9 16.3



#55
4-Nitrophenol
Concen: 11.397 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.06 min
Lab File: BF102568.D
Acq: 28 Jan 2018 20:10

Tgt Ion:139 Resp: 34429
Ion Ratio Lower Upper
139 100
109 1.7 48.4 88.4#
65 3.2 72.6 112.6#





#57

Fluorene

Concen: 6.552 ng

RT: 10.29 min Scan# 1395

Delta R.T. -0.01 min

Lab File: BF102568.D

Acq: 28 Jan 2018 20:10

Instrument :

BNA_F

ClientSampled :

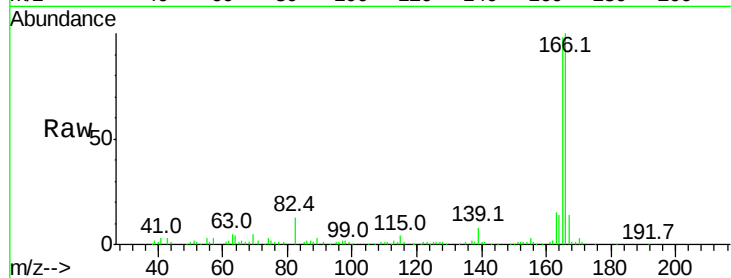
Tot Ion:166 Resp: 96458

Ion Ratio Lower Upper

166 100

165 98.2 79.8 119.8

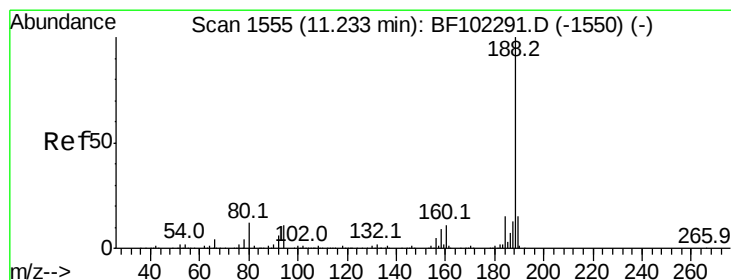
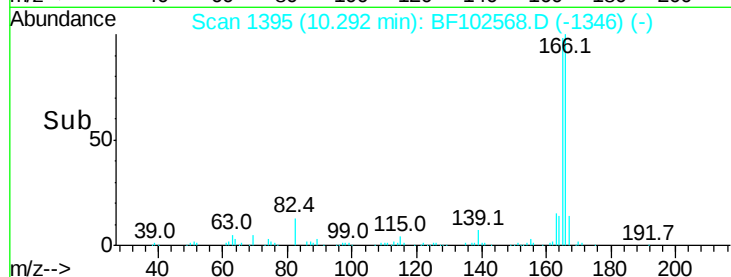
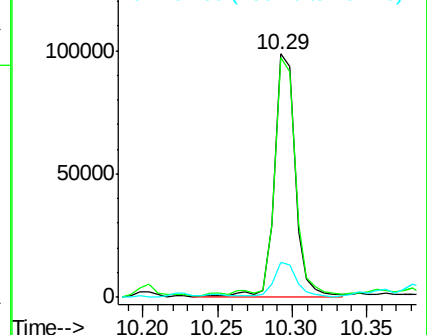
167 14.3 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.23 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BF102568.D

Acq: 28 Jan 2018 20:10

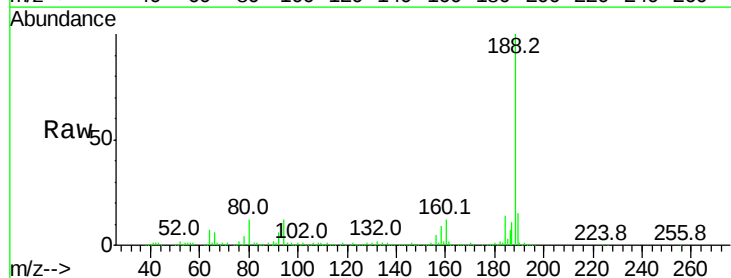
Tgt Ion:188 Resp: 294377

Ion Ratio Lower Upper

188 100

94 11.6 8.5 12.7

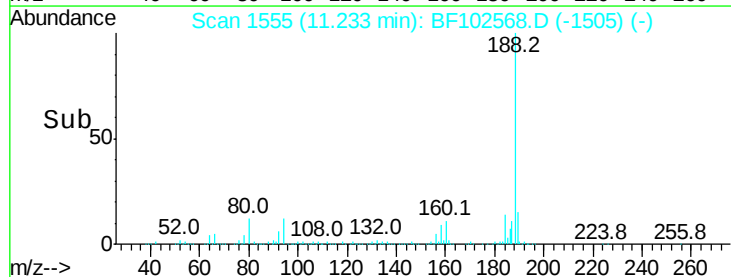
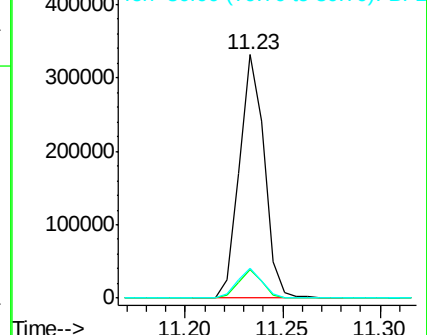
80 12.4 9.2 13.8

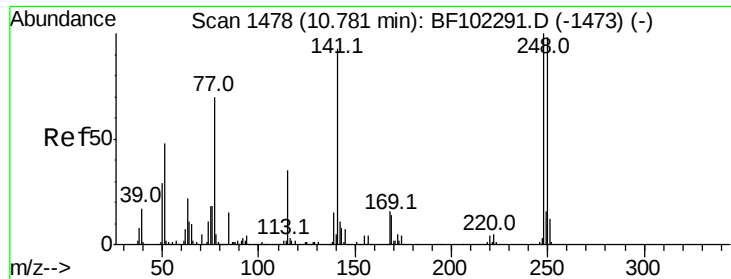


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

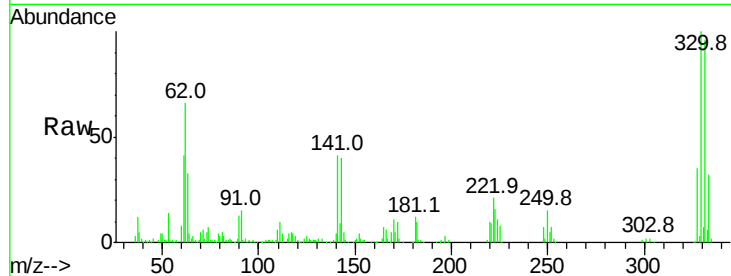




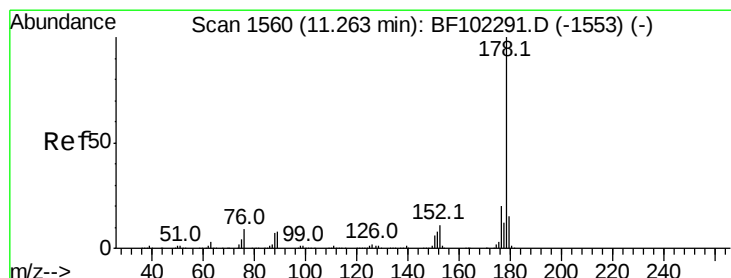
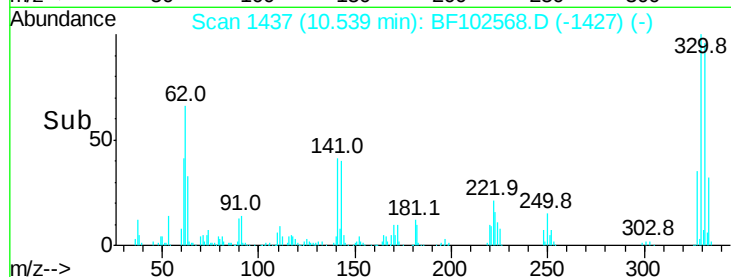
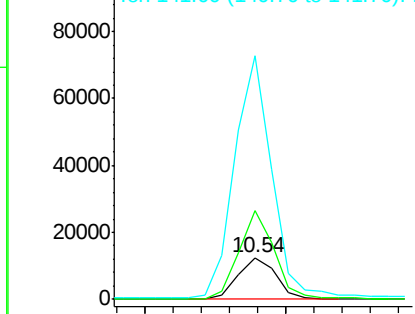
#66
4-Bromophenyl-phenylether
Concen: 3.716 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.24 min
Lab File: BF102568.D
Acq: 28 Jan 2018 20:10

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 11777
Ion Ratio Lower Upper
248 100
250 210.4 76.9 115.3#
141 581.1 74.4 111.6#

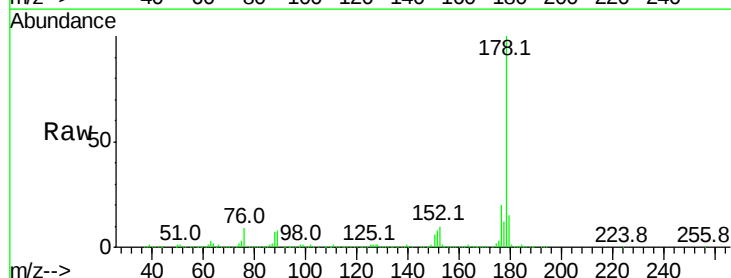


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

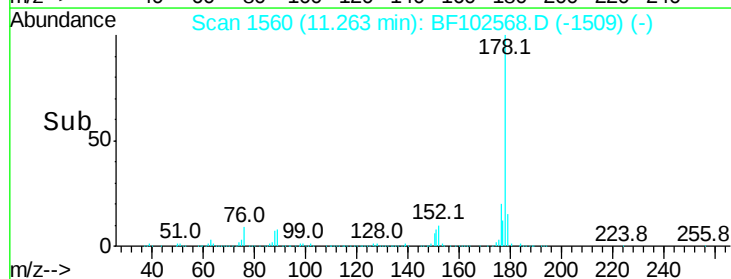
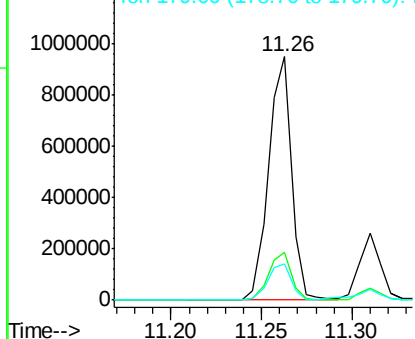


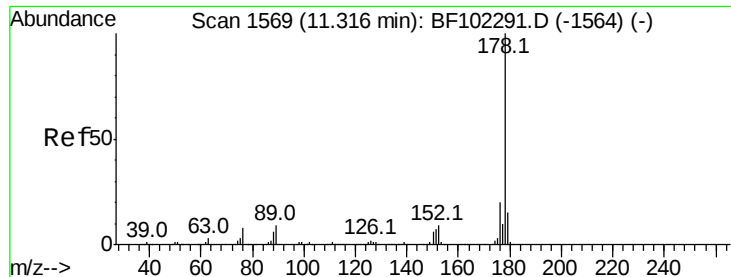
#70
Phenanthrene
Concen: 48.924 ng
RT: 11.26 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BF102568.D
Acq: 28 Jan 2018 20:10

Tgt Ion:178 Resp: 839235
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.8
179 15.1 13.0 19.6



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

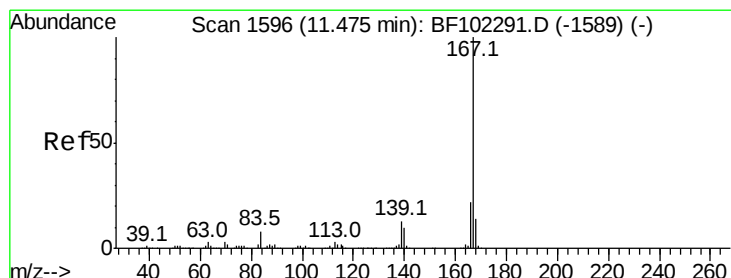
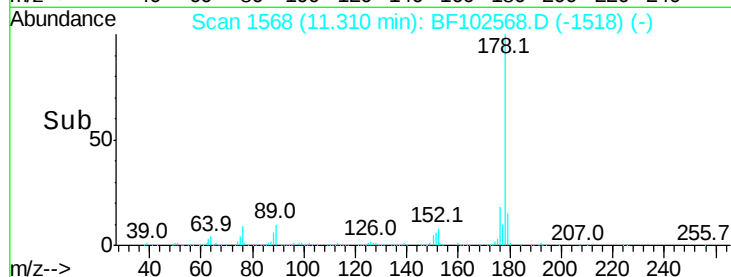
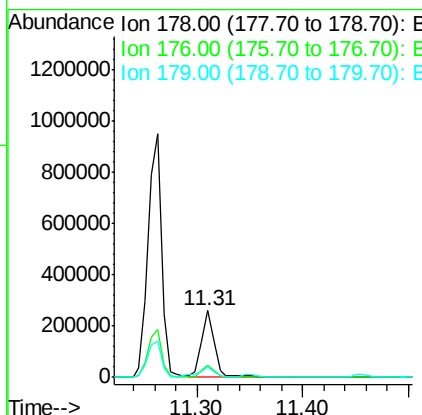
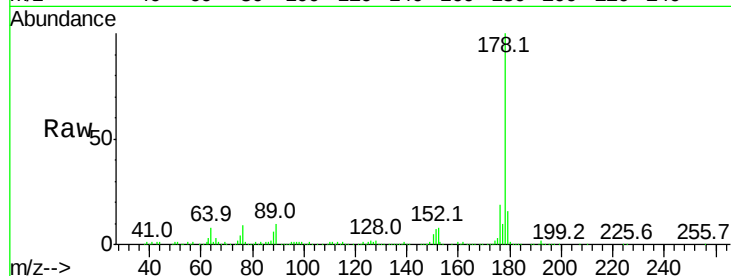




#71
 Anthracene
 Concen: 12.575 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BF102568.D
 Acq: 28 Jan 2018 20:10

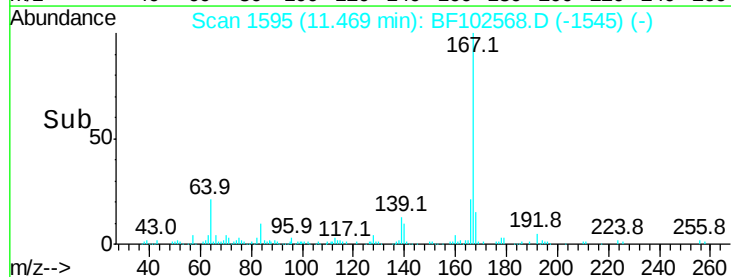
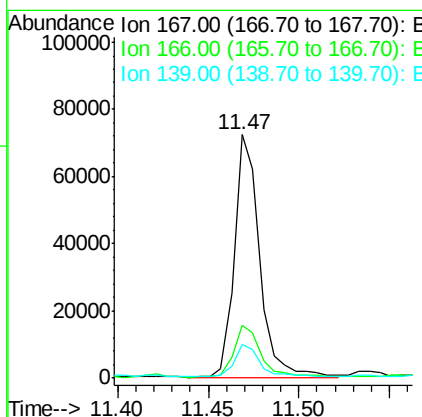
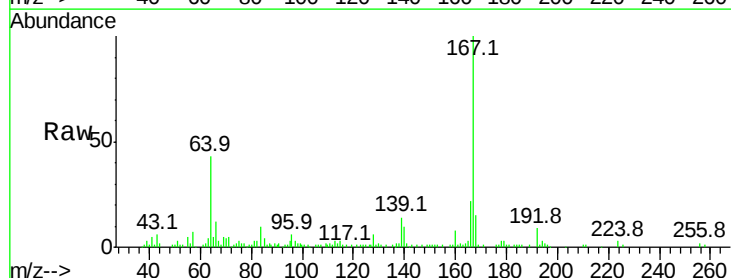
Instrument :
 BNA_F
 ClientSampleId :

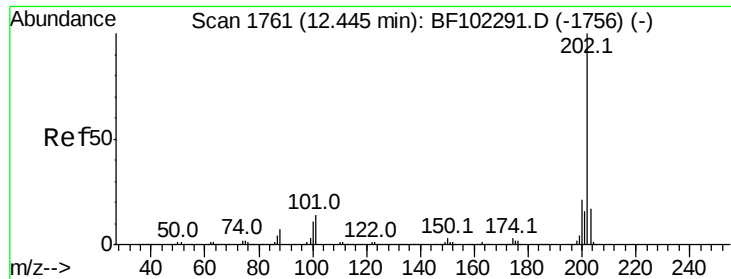
Tot Ion:178 Resp: 220170
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.4 23.2
 179 15.6 12.6 19.0



#72
 Carbazole
 Concen: 4.180 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: BF102568.D
 Acq: 28 Jan 2018 20:10

Tgt Ion:167 Resp: 71407
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.6 26.4
 139 13.9 10.9 16.3





#74

Fluoranthene

Concen: 56.848 ng

RT: 12.45 min Scan# 1762

Delta R.T. 0.00 min

Lab File: BF102568.D

Acq: 28 Jan 2018 20:10

Instrument :

BNA_F

ClientSampleId :

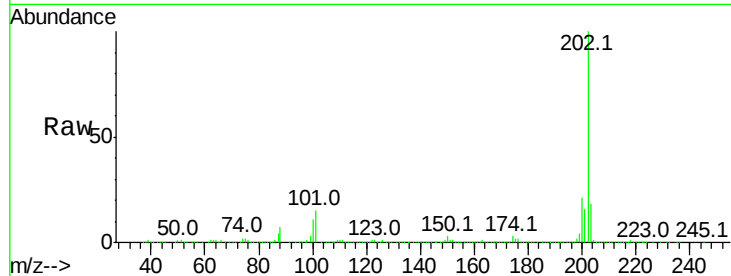
Tot Ion:202 Resp: 994442

Ion Ratio Lower Upper

202 100

101 14.7 0.0 34.1

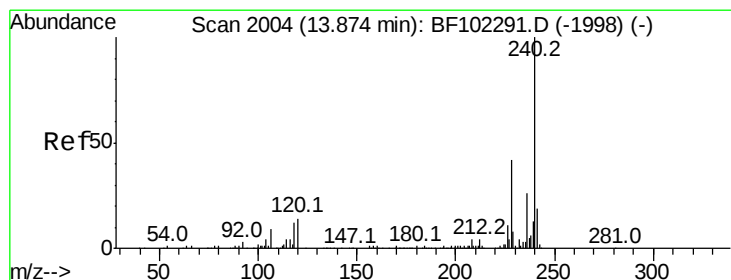
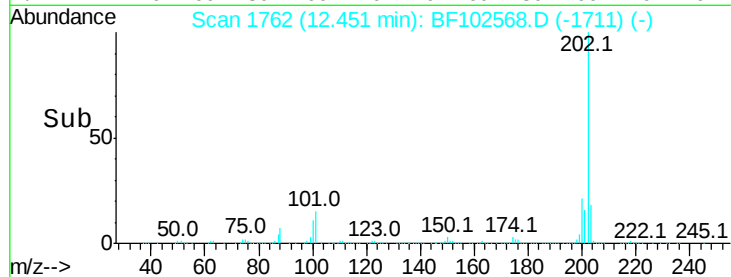
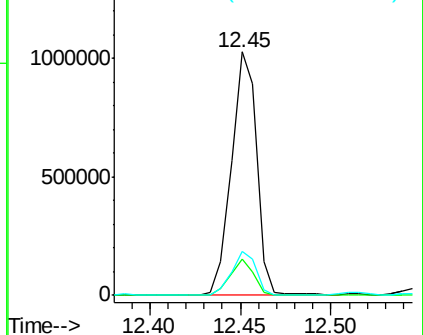
203 17.8 0.0 38.1



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BF102568.D

Acq: 28 Jan 2018 20:10

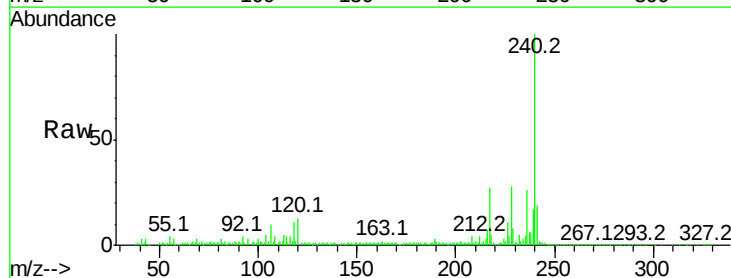
Tgt Ion:240 Resp: 248508

Ion Ratio Lower Upper

240 100

120 13.0 9.5 14.3

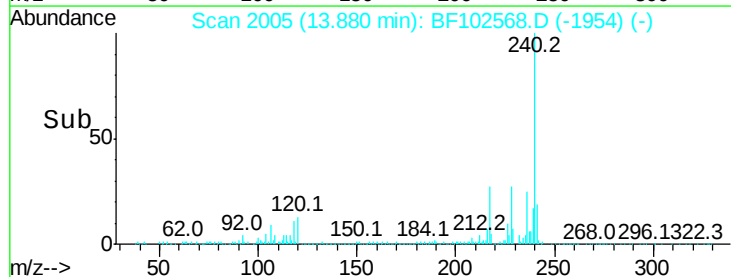
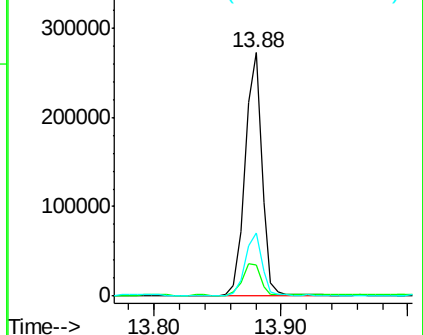
236 25.8 20.7 31.1

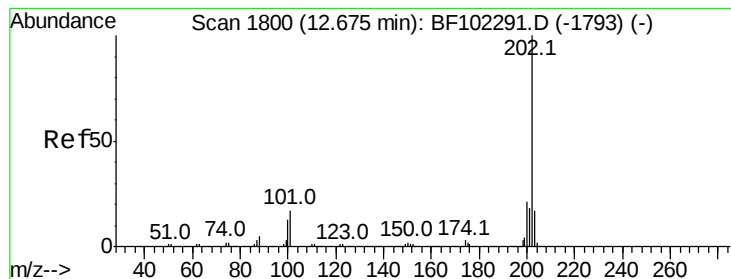


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 43.645 ng

RT: 12.68 min Scan# 1801

Delta R.T. 0.00 min

Lab File: BF102568.D

Acq: 28 Jan 2018 20:10

Instrument :

BNA_F

ClientSampleId :

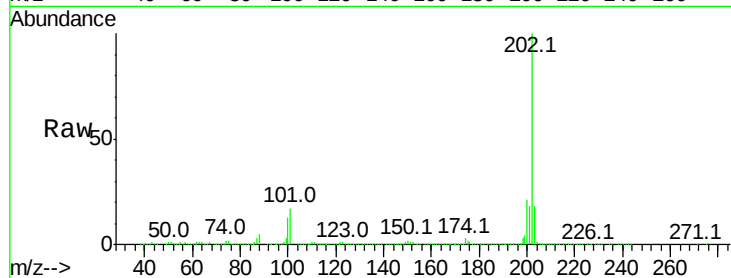
Tot Ion:202 Resp: 838576

Ion Ratio Lower Upper

202 100

200 21.4 17.4 26.2

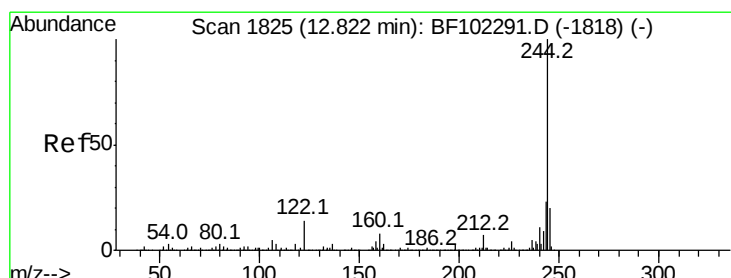
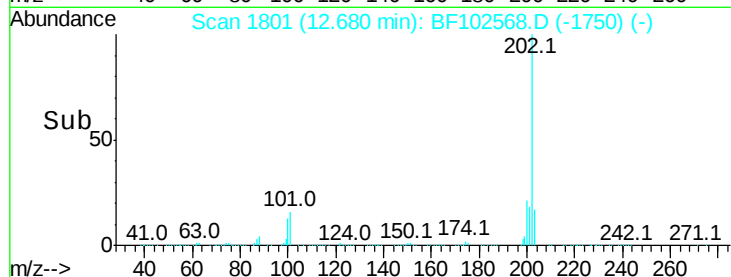
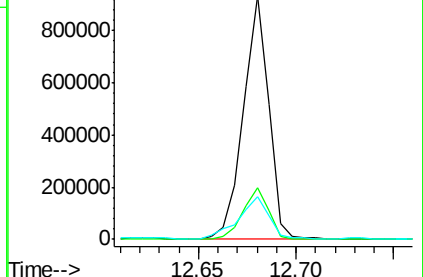
203 17.6 14.3 21.5



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



#78

Terphenyl-d14

Concen: 63.570 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BF102568.D

Acq: 28 Jan 2018 20:10

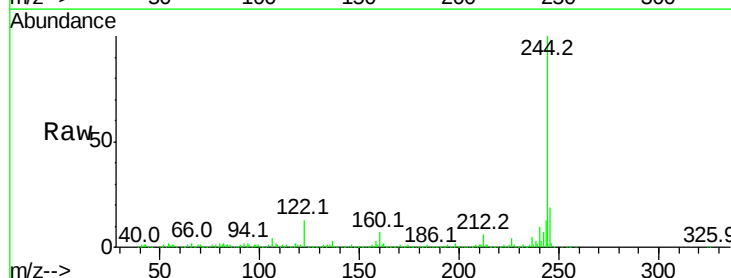
Tgt Ion:244 Resp: 700763

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

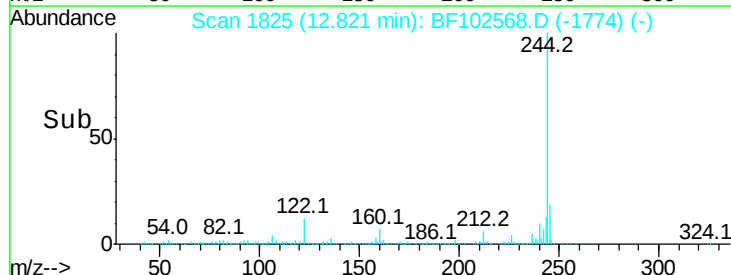
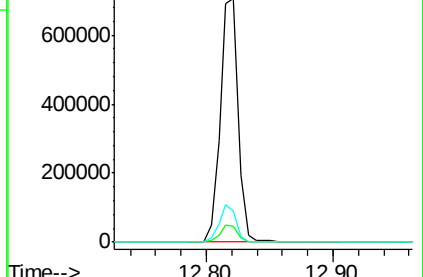
122 12.6 11.0 16.4

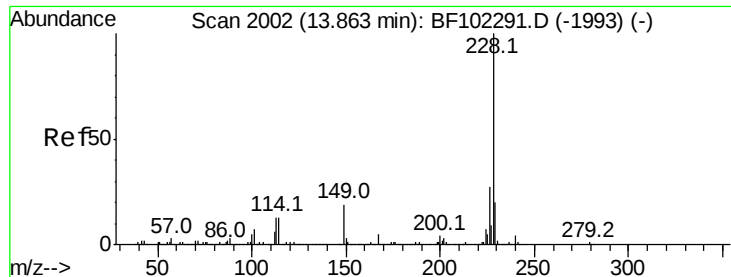


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 32.505 ng

RT: 13.87 min Scan# 2003

Delta R.T. 0.00 min

Lab File: BF102568.D

Acq: 28 Jan 2018 20:10

Instrument :

BNA_F

ClientSampleId :

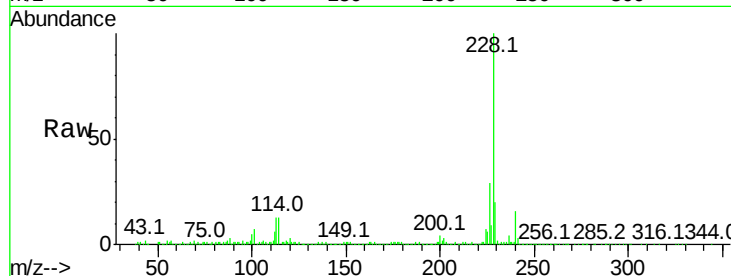
Tot Ion:228 Resp: 497325

Ion Ratio Lower Upper

228 100

226 29.4 22.6 33.8

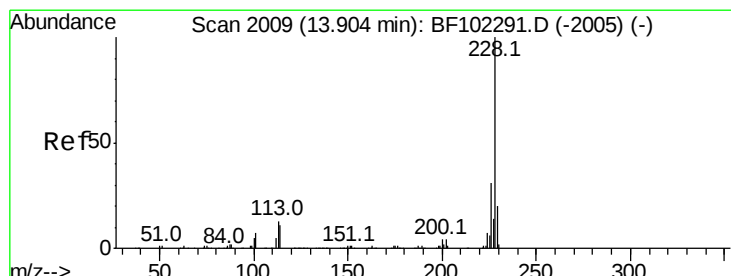
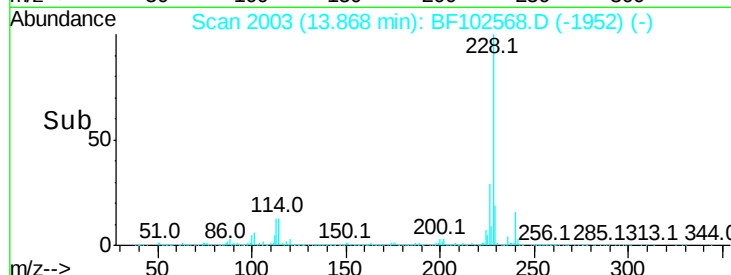
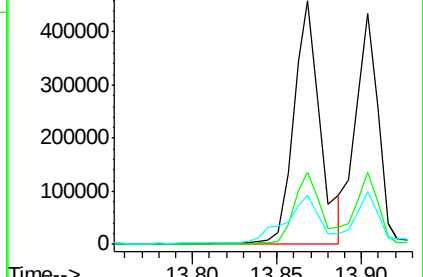
229 20.0 15.8 23.6



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

Chrysene

Concen: 25.897 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF102568.D

Acq: 28 Jan 2018 20:10

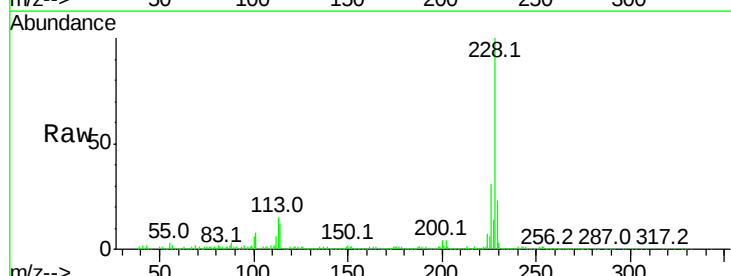
Tgt Ion:228 Resp: 402363

Ion Ratio Lower Upper

228 100

226 31.4 25.0 37.6

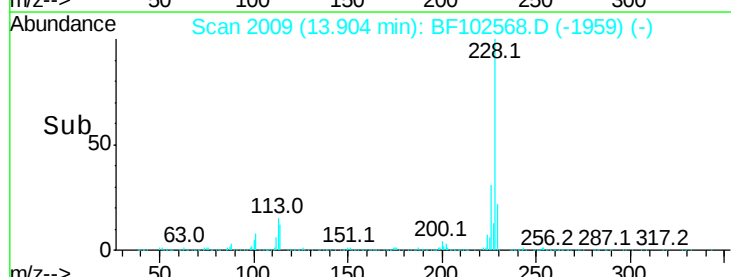
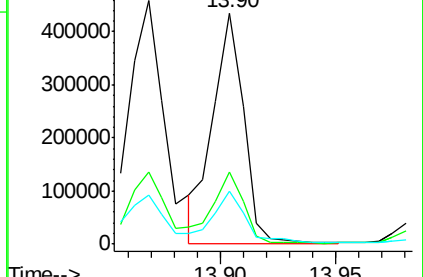
229 22.8 16.2 24.4

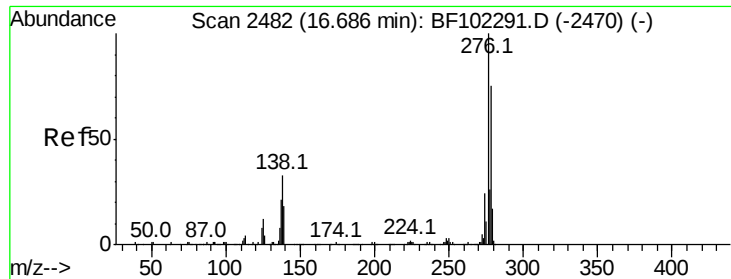


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

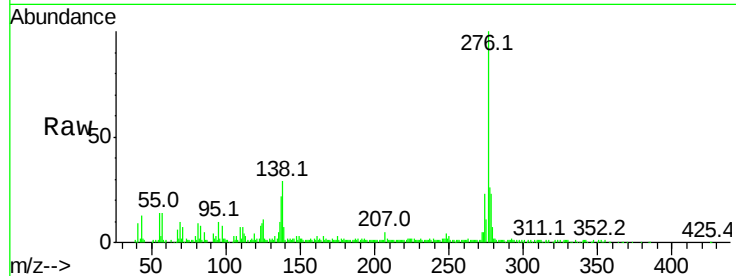




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 12.781 ng
 RT: 16.71 min Scan# 2486
 Delta R.T. 0.00 min
 Lab File: BF102568.D
 Acq: 28 Jan 2018 20:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.6	25.0	37.6
277	24.6	20.1	30.1

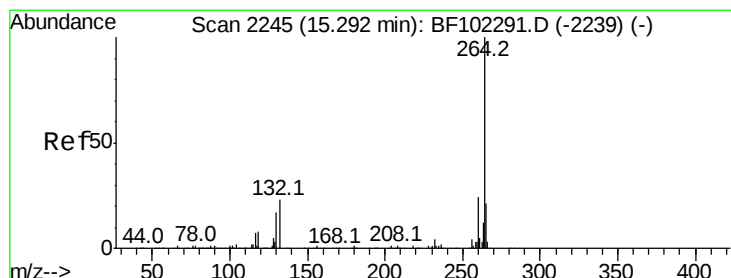
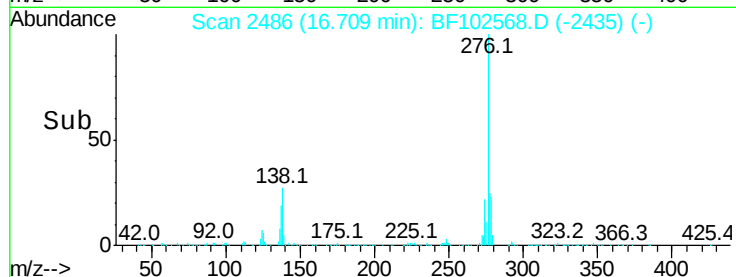
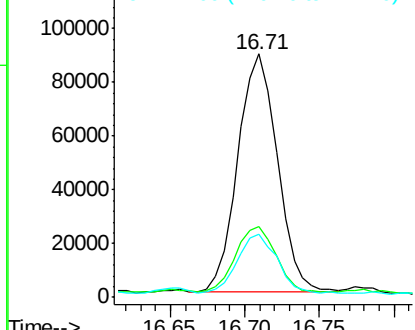


Abundance

Ion 276.00 (275.70 to 276.70): E

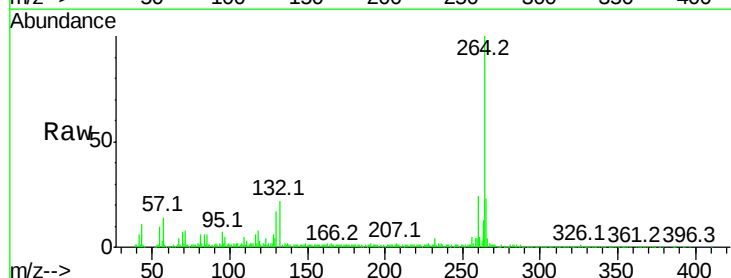
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.31 min Scan# 2248
 Delta R.T. 0.01 min
 Lab File: BF102568.D
 Acq: 28 Jan 2018 20:10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.8	17.5	26.3

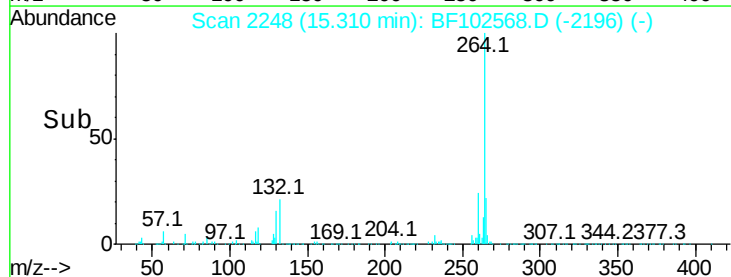
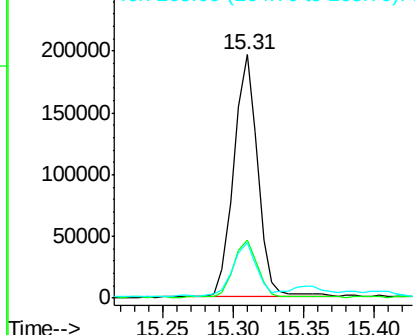


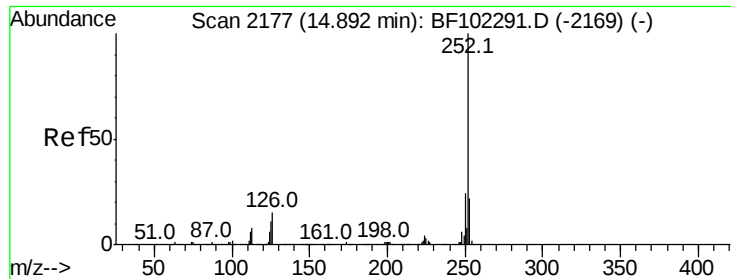
Abundance

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





#87

Benzo(b)fluoranthene

Concen: 45.780 ng

RT: 14.90 min Scan# 2179

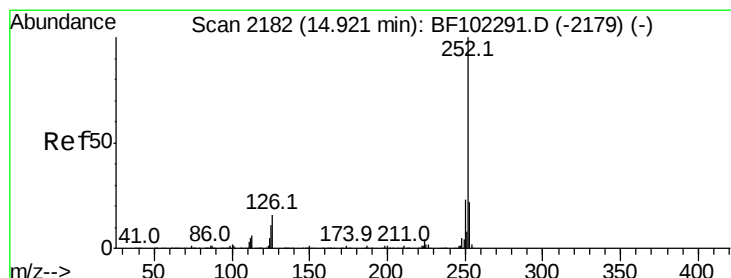
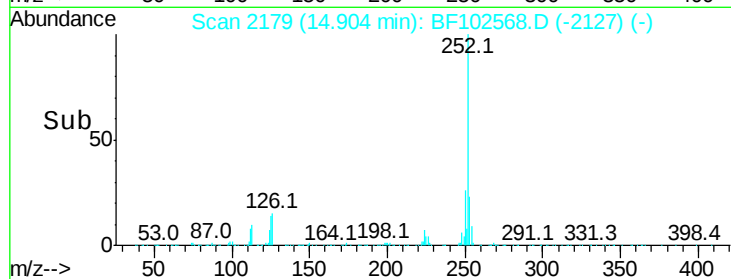
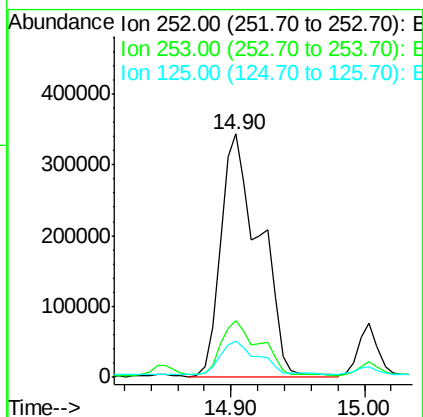
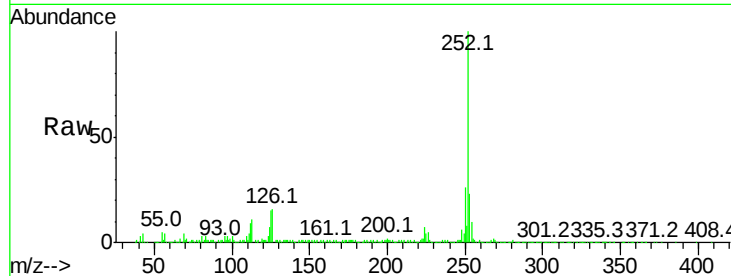
Delta R.T. 0.01 min

Lab File: BF102568.D

Acq: 28 Jan 2018 20:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.0	25.6
125	15.1	9.0	13.6



#88

Benzo(k)fluoranthene

Concen: 48.456 ng

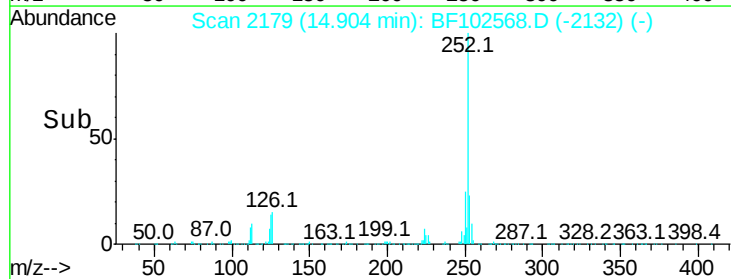
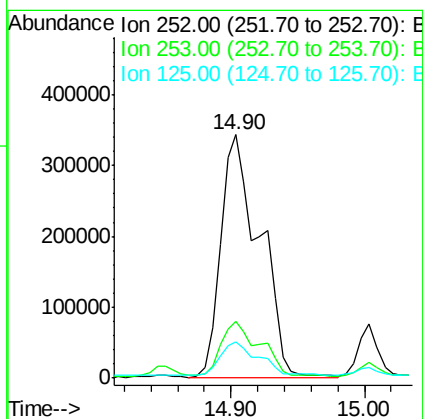
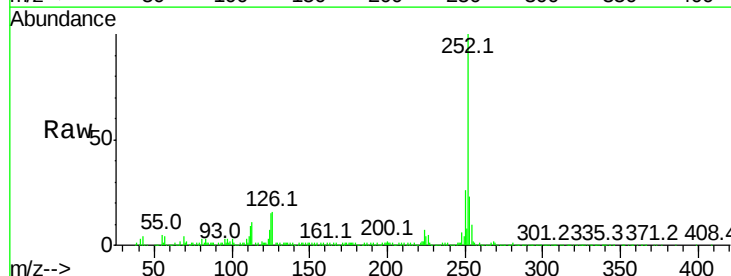
RT: 14.90 min Scan# 2179

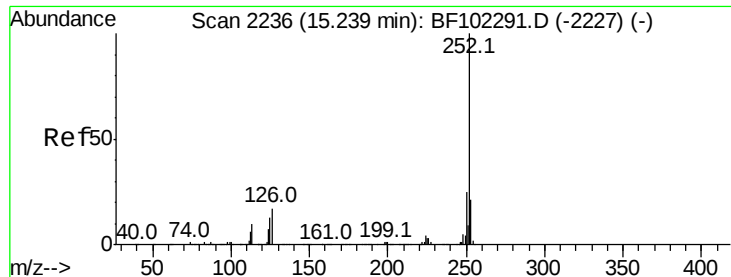
Delta R.T. -0.02 min

Lab File: BF102568.D

Acq: 28 Jan 2018 20:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	15.1	10.2	15.2





#89

Benzo(a)pyrene

Concen: 24.786 ng

RT: 15.25 min Scan# 2238

Delta R.T. 0.00 min

Lab File: BF102568.D

Acq: 28 Jan 2018 20:10

Instrument :

BNA_F

ClientSampleId :

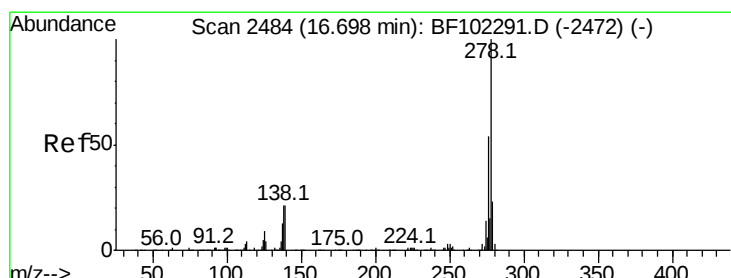
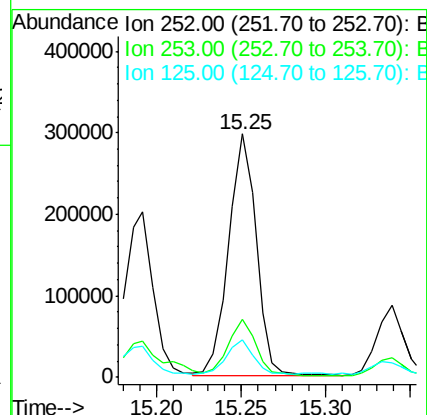
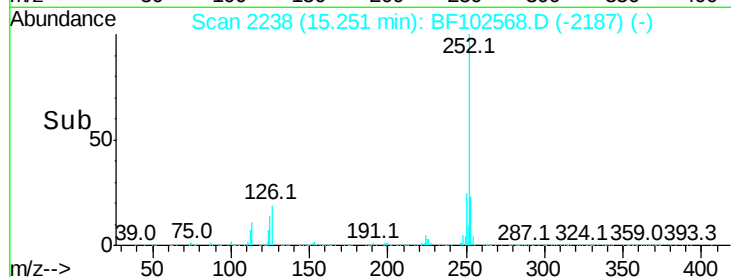
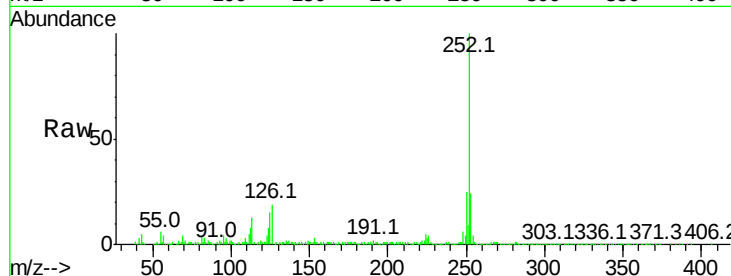
Tot Ion:252 Resp: 338204

Ion Ratio Lower Upper

252 100

253 23.6 17.1 25.7

125 15.3 9.8 14.6#



#90

Dibenzo(a,h)anthracene

Concen: 4.154 ng

RT: 16.71 min Scan# 2486

Delta R.T. -0.01 min

Lab File: BF102568.D

Acq: 28 Jan 2018 20:10

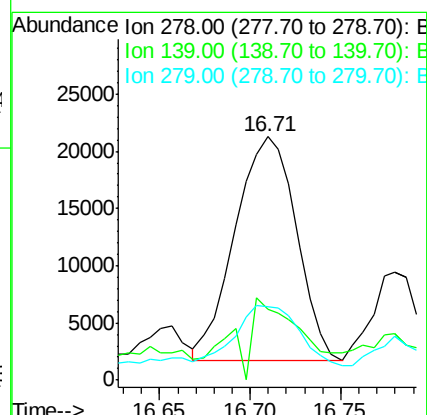
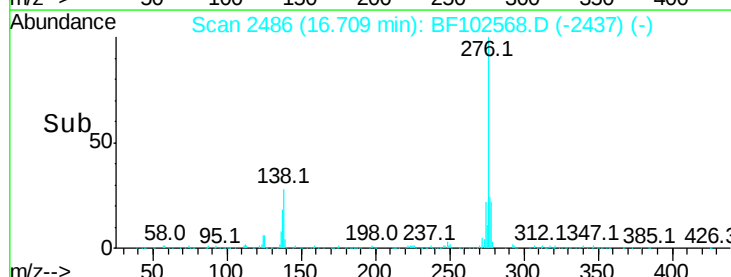
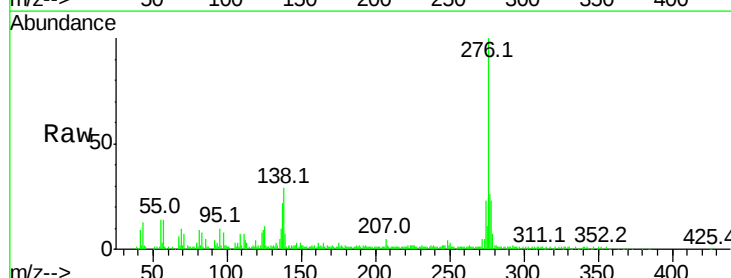
Tgt Ion:278 Resp: 45916

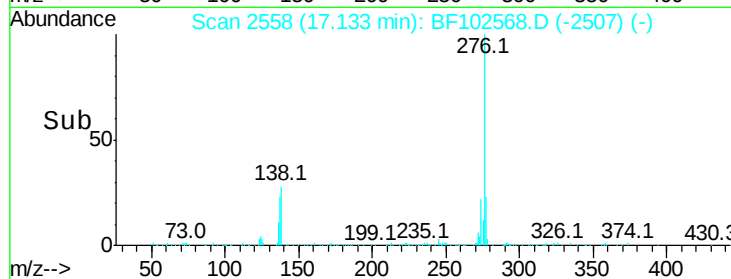
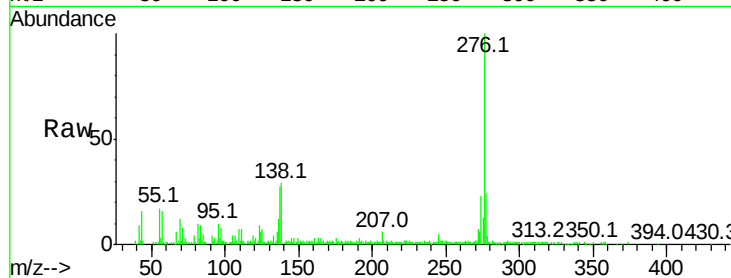
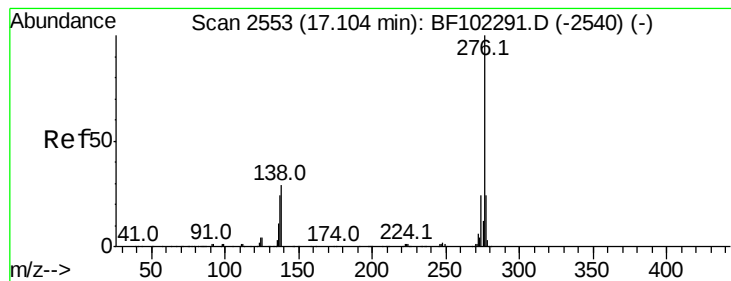
Ion Ratio Lower Upper

278 100

139 29.3 15.9 23.9#

279 30.1 19.0 28.4#





#91

Benzo(a,h,i)perylene

Concen: 13.605 ng

RT: 17.13 min Scan# 2558

Delta R.T. 0.00 min

Lab File: BF102568.D

Acq: 28 Jan 2018 20:10

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 148480

Ion Ratio Lower Upper

276 100

277 24.1 17.9 26.9

138 28.8 21.8 32.8

