

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120117\
 Data File : BF101063.D
 Acq On : 1 Dec 2017 15:17
 Operator : SJ/JU
 Sample : I6610-14RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-10(0-2)-20171127

Quant Time: Dec 01 21:49:20 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 01 15:52:19 2017
 Response via : Initial Calibration

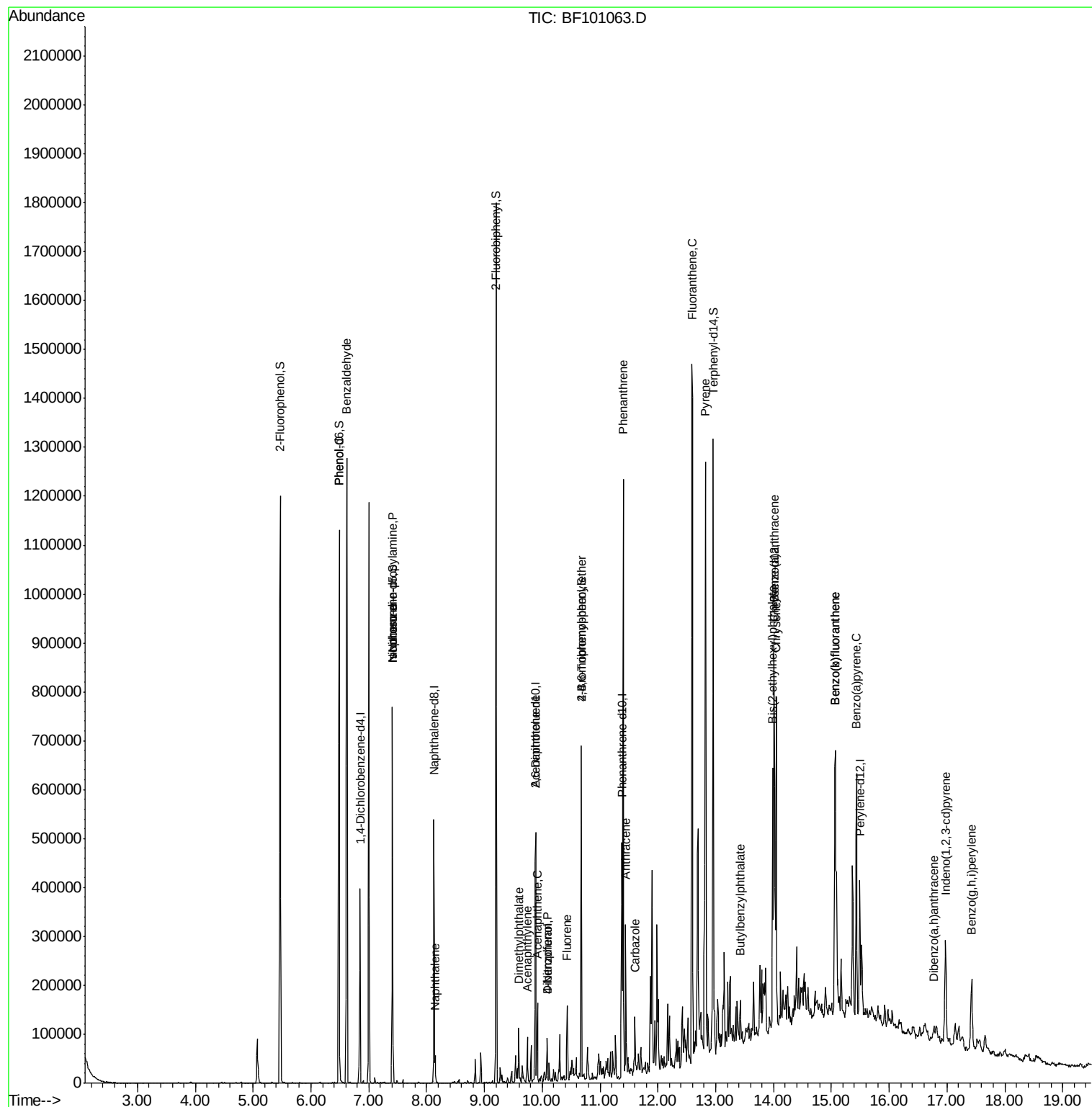
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	53646	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	210984	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	97895	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	176180	20.00	ng	0.00
75) Chrysene-d12	14.02	240	114588	20.00	ng	0.00
86) Perylene-d12	15.49	264	128080	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	328622	101.22	ng	0.00
7) Phenol-d6	6.49	99	428605	108.74	ng	0.00
23) Nitrobenzene-d5	7.41	82	273662	77.37	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	75239	63.98	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	536870	75.03	ng	0.00
78) Terphenyl-d14	12.96	244	416878	79.57	ng	0.00
Target Compounds						
9) Benzaldehyde	6.62	77	7582	3.143	ng	Qvalue 82
10) Phenol	6.49	94	15228	3.475	ng	79
19) n-Nitroso-di-n-propylamine	7.41	70	36310	13.679	ng	# 88
25) Isophorone	7.41	82	273658	45.298	ng	# 64
31) Naphthalene	8.15	128	24849	2.390	ng	98
48) Acenaphthylene	9.75	152	30893	2.951	ng	98
49) Dimethylphthalate	9.59	163	37051	4.693	ng	99
50) 2,6-Dinitrotoluene	9.89	165	13325	8.013	ng	# 24
51) Acenaphthene	9.92	154	29361	4.684	ng	98
54) Dibenzofuran	10.09	168	24067	2.664	ng	# 97
55) 4-Nitrophenol	10.09	139	9478	7.515	ng	# 9
57) Fluorene	10.43	166	41329	5.628	ng	95
66) 4-Bromophenyl-phenylether	10.67	248	4609	2.337	ng	# 1
70) Phenanthrene	11.40	178	487502	50.247	ng	98
71) Anthracene	11.45	178	126460	12.879	ng	97
72) Carbazole	11.60	167	41905	4.671	ng	97
74) Fluoranthene	12.60	202	649647	60.406	ng	94
77) Pyrene	12.82	202	562675	71.162	ng	98
79) Butylbenzylphthalate	13.43	149	16178	4.641	ng	91
80) Benzo(a)anthracene	14.01	228	294461	40.700	ng	97
82) Chrysene	14.04	228	237546	35.353	ng	97
83) Bis(2-ethylhexyl)phthalate	13.99	149	151590	30.497	ng	98
85) Indeno(1,2,3-cd)pyrene	16.97	276	127497	21.343	ng	# 89
87) Benzo(b)fluoranthene	15.07	252	431093	56.193	ng	98
88) Benzo(k)fluoranthene	15.07	252	431093	57.036	ng	98
89) Benzo(a)pyrene	15.43	252	237058	33.989	ng	97
90) Dibenzo(a,h)anthracene	16.77	278	22444	3.650	ng	96
91) Benzo(g,h,i)perylene	17.43	276	117200	20.226	ng	# 91

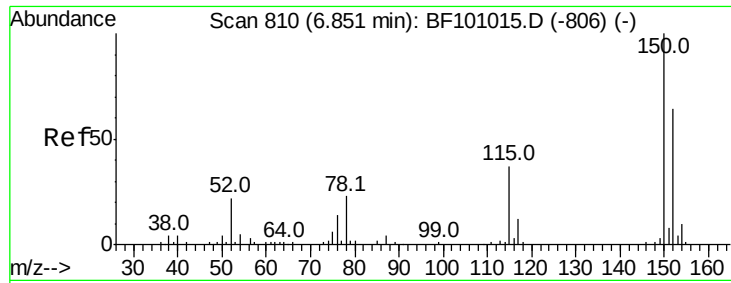
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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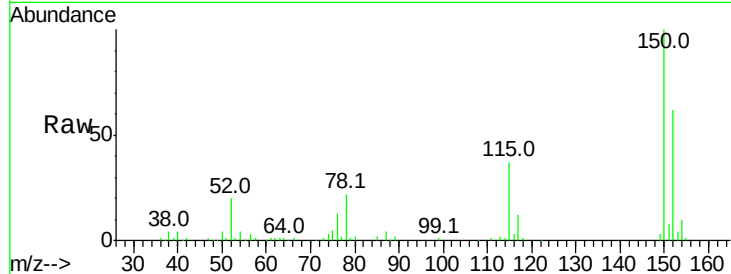


#1

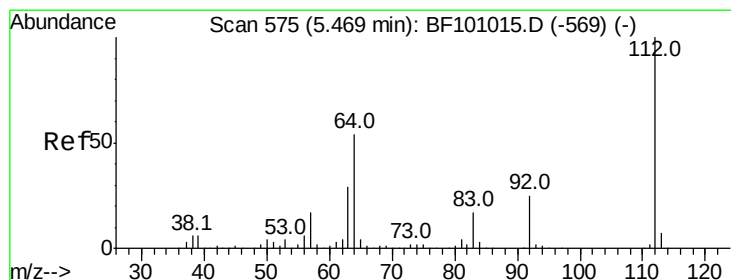
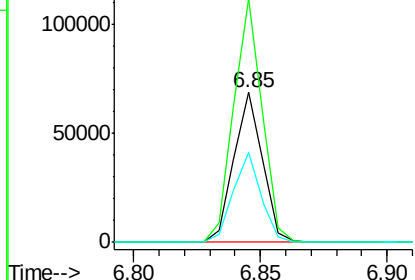
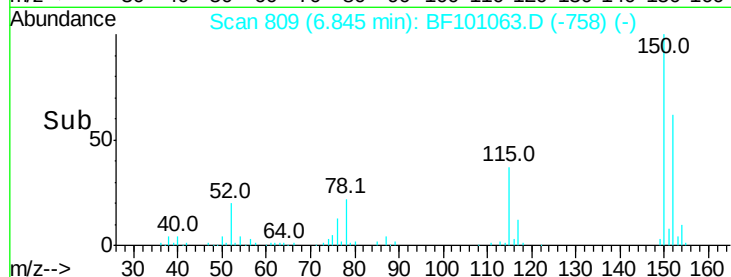
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 809
 Delta R.T. 0.00 min
 Lab File: BF101063.D
 Acq: 1 Dec 2017 15:17

Instrument :
 BNA_F
 ClientSampleId :
 SB-10(0-2)-20171127

Tot Ion:152 Resp: 53646
 Ion Ratio Lower Upper
 152 100
 150 162.2 124.6 186.8
 115 59.6 50.1 75.1



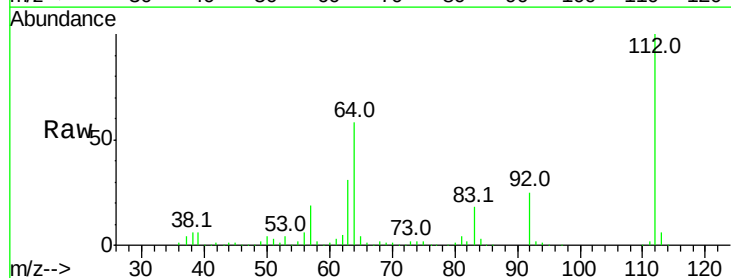
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



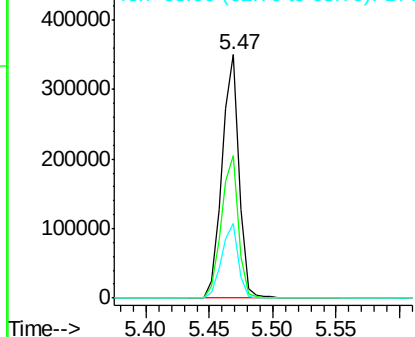
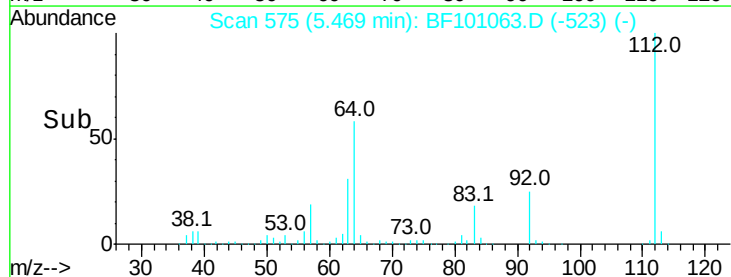
#5

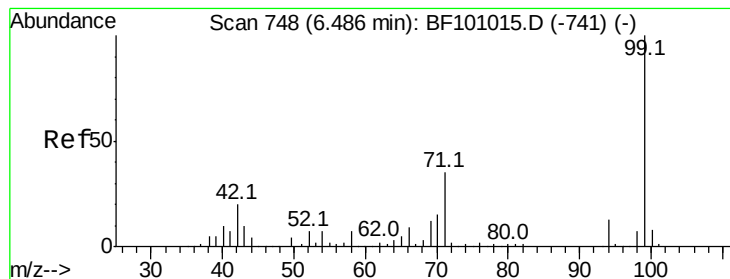
2-Fluorophenol
 Concen: 101.225 ng
 RT: 5.47 min Scan# 575
 Delta R.T. 0.01 min
 Lab File: BF101063.D
 Acq: 1 Dec 2017 15:17

Tgt Ion:112 Resp: 328622
 Ion Ratio Lower Upper
 112 100
 64 58.4 47.9 71.9
 63 30.7 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: 108.741 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF101063.D

Acq: 1 Dec 2017 15:17

Instrument :

BNA_F

ClientSampleId :

SB-10(0-2)-20171127

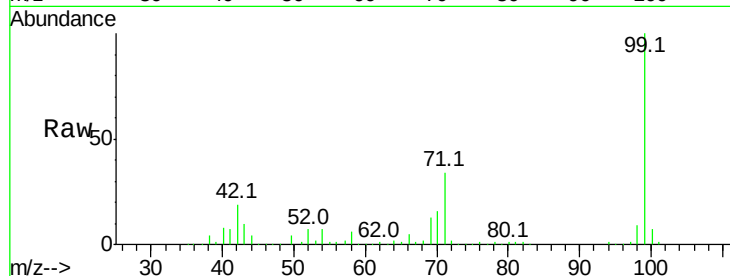
Tot Ion: 99 Resp: 428605

Ion Ratio Lower Upper

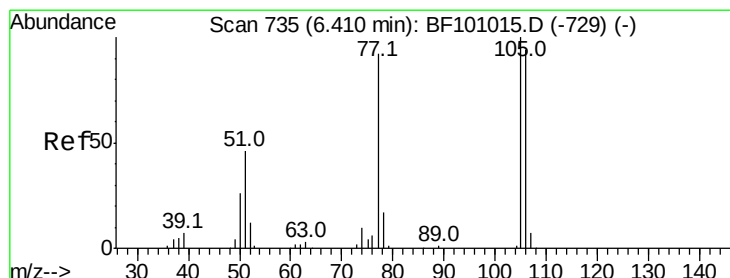
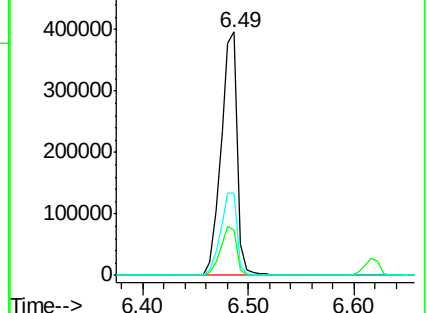
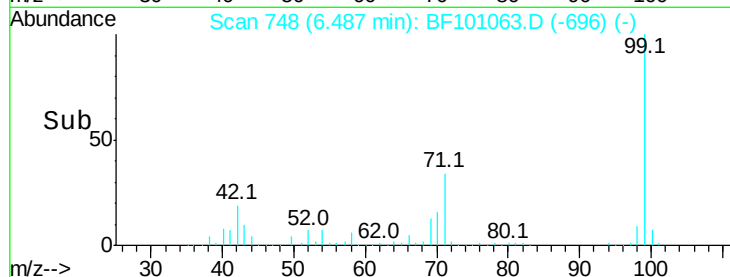
99 100

42 18.7 14.5 21.7

71 33.7 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: 3.143 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.21 min

Lab File: BF101063.D

Acq: 1 Dec 2017 15:17

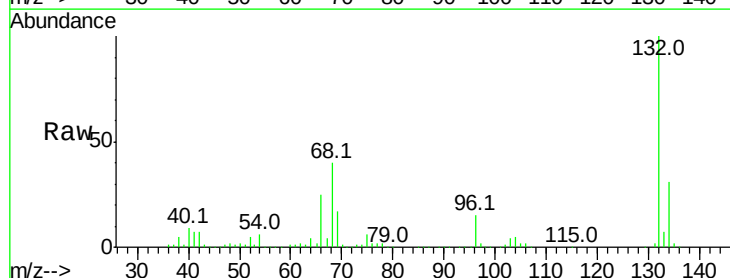
Tgt Ion: 77 Resp: 7582

Ion Ratio Lower Upper

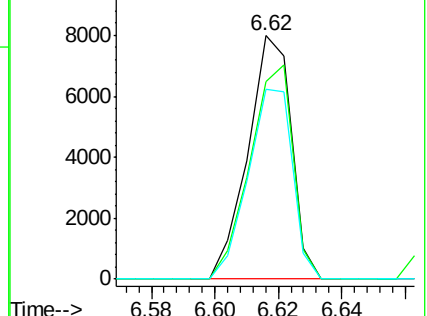
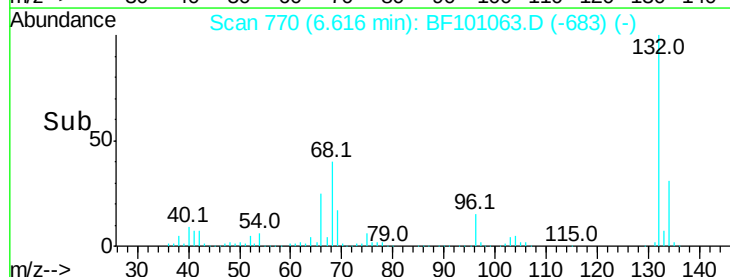
77 100

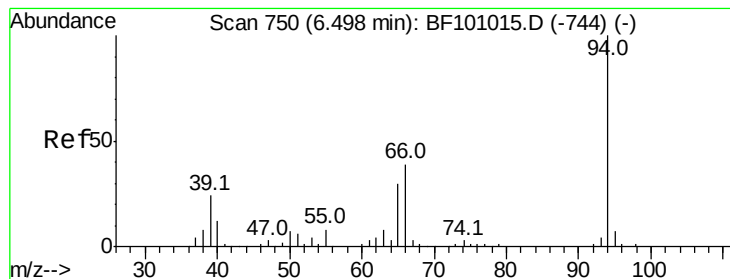
105 81.3 81.1 121.1

106 77.8 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: 3.475 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF101063.D

Acq: 1 Dec 2017 15:17

Instrument :

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ClientSampleId :

SB-10(0-2)-20171127

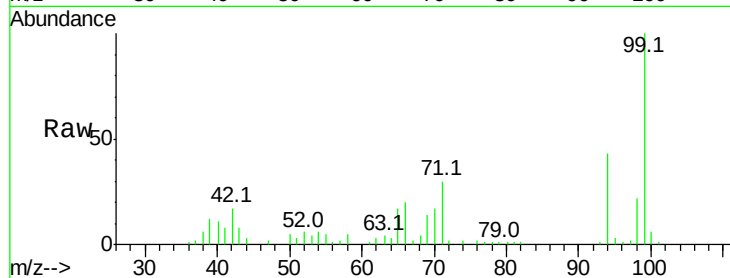
Tot Ion: 94 Resp: 15228

Ion Ratio Lower Upper

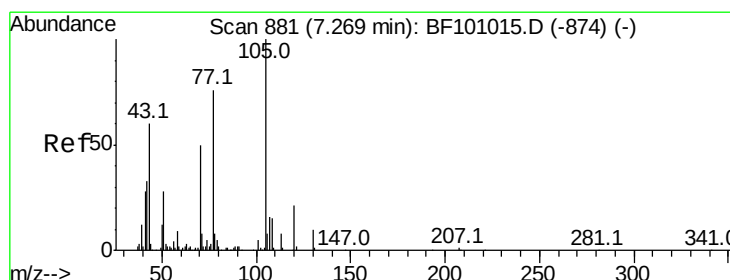
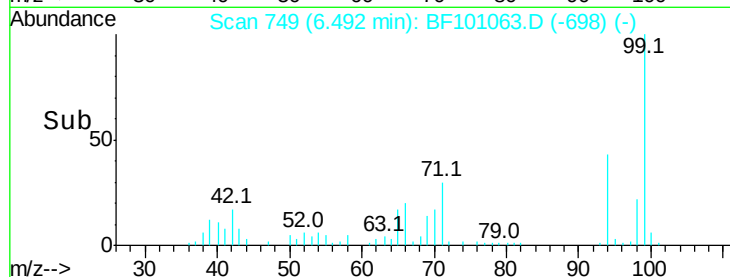
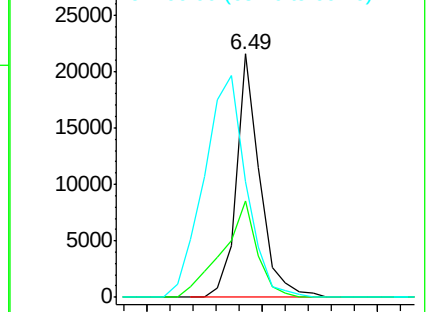
94 100

65 39.6 7.9 47.9

66 47.5 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: 13.679 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.15 min

Lab File: BF101063.D

Acq: 1 Dec 2017 15:17

Tgt Ion: 70 Resp: 36310

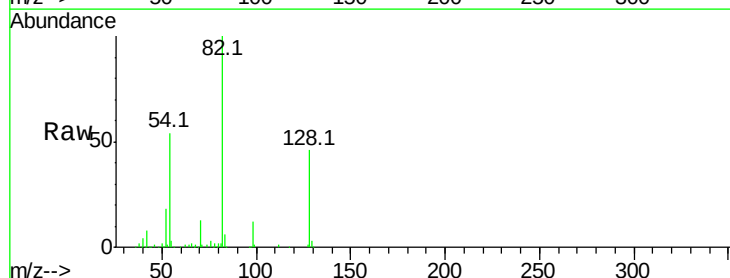
Ion Ratio Lower Upper

70 100

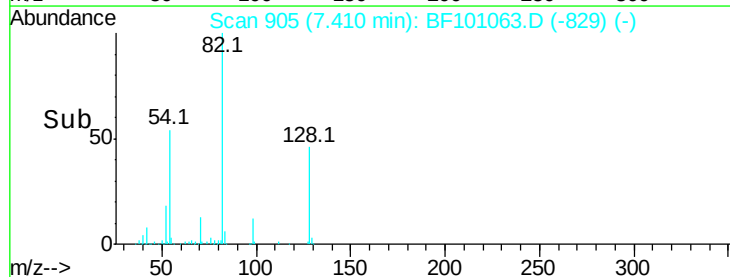
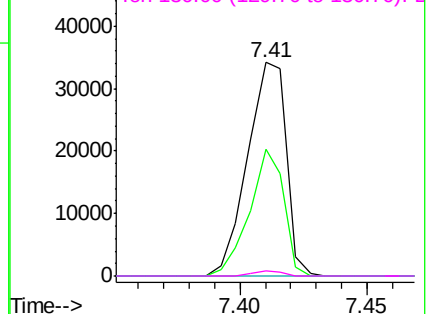
42 59.1 47.5 71.3

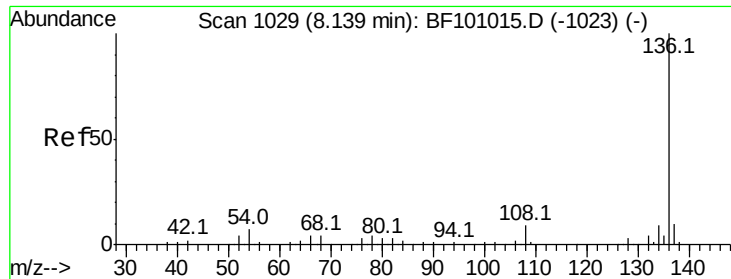
101 0.0 7.4 11.2#

130 2.7 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

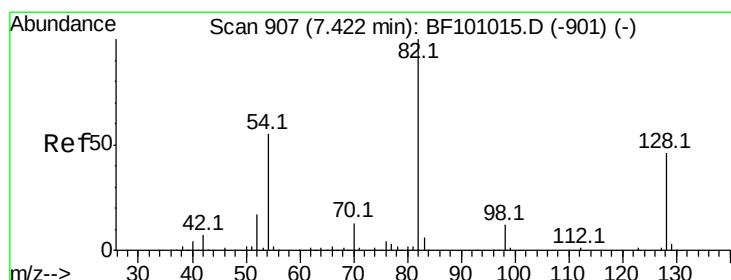
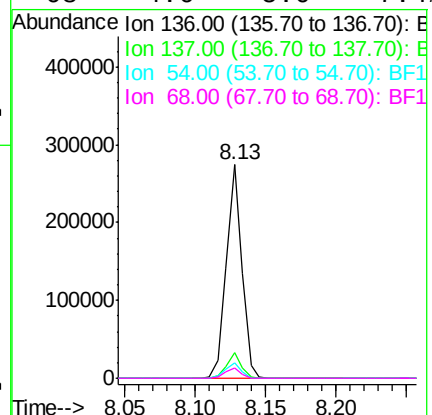
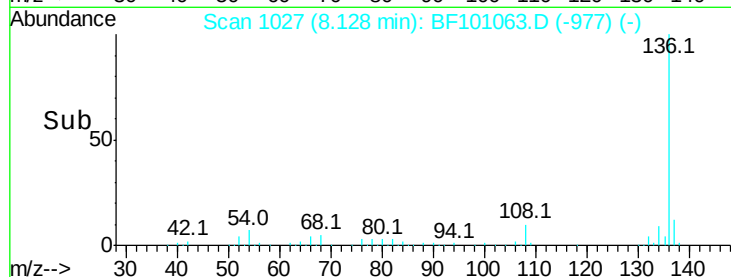
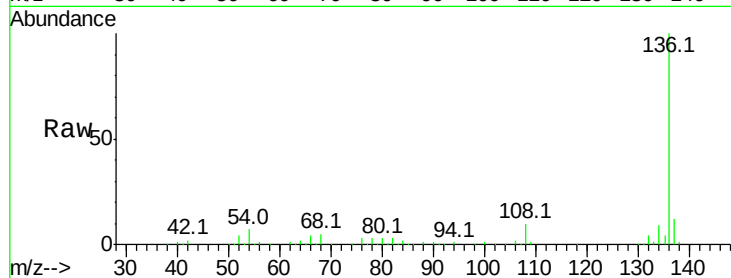




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101063.D
Acq: 1 Dec 2017 15:17

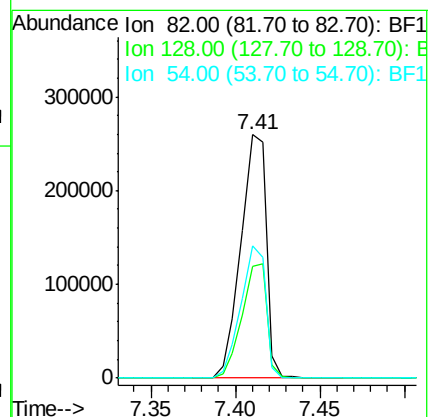
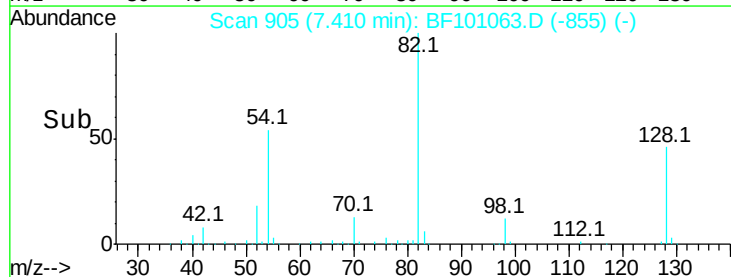
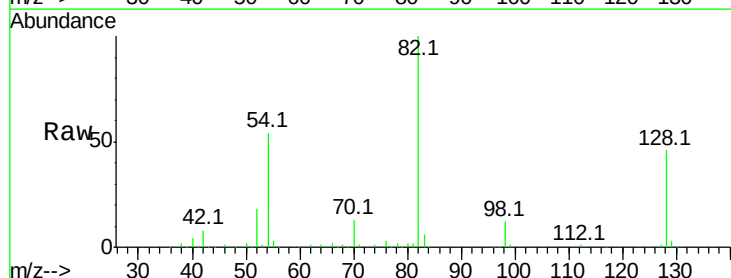
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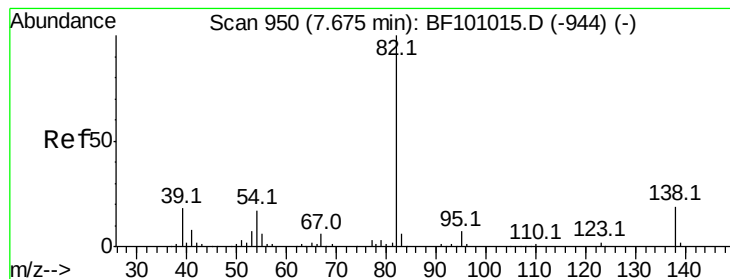
Tot Ion:	136	Resp:	210984
Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.9	13.3
54	7.0	6.6	9.8
68	4.6	5.0	7.4#



#23
Nitrobenzene-d5
Concen: 77.375 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF101063.D
Acq: 1 Dec 2017 15:17

Tgt Ion:	82	Resp:	273662
Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.1	54.1
54	54.4	41.4	62.2





#25

Isophorone

Concen: 45.298 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.26 min

Lab File: BF101063.D

Acq: 1 Dec 2017 15:17

Instrument :

BNA_F

ClientSampleId :

SB-10(0-2)-20171127

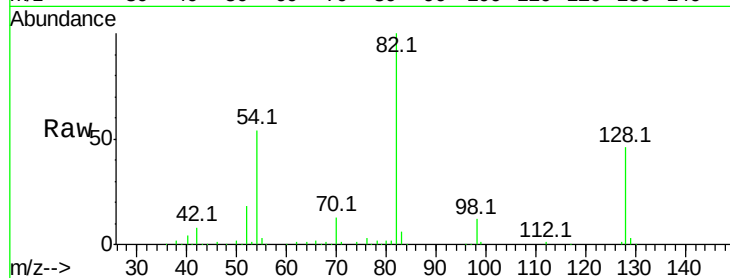
Tot Ion: 82 Resp: 273658

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

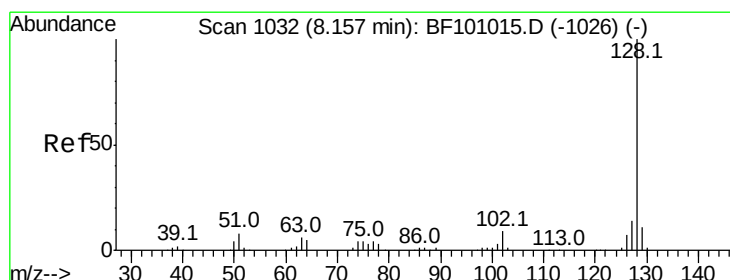
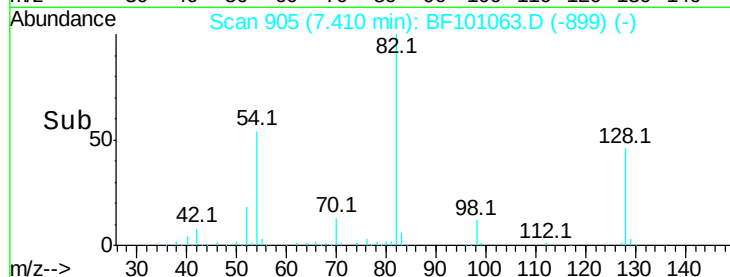
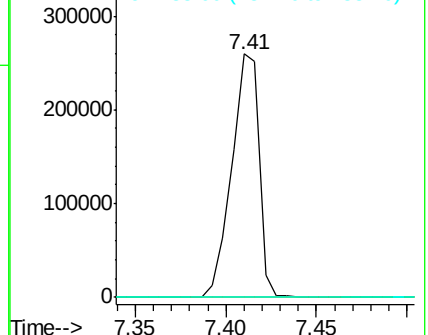
138 0.0 14.9 22.3#



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: 2.390 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF101063.D

Acq: 1 Dec 2017 15:17

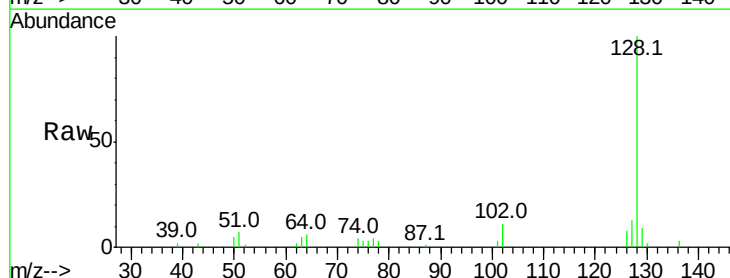
Tgt Ion: 128 Resp: 24849

Ion Ratio Lower Upper

128 100

129 9.3 8.8 13.2

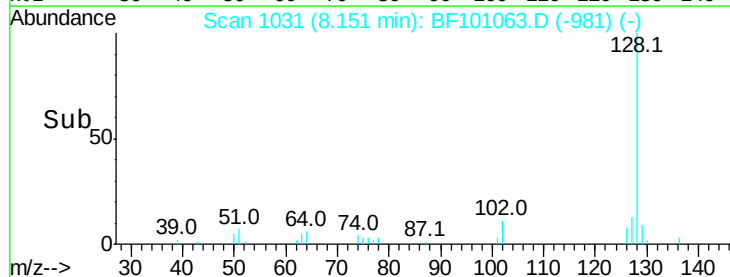
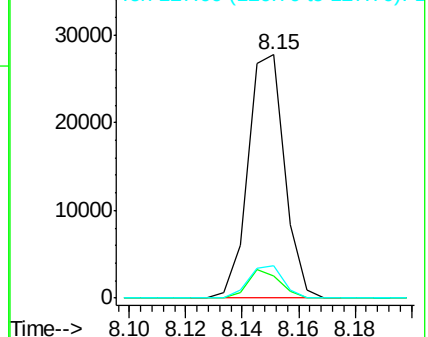
127 13.3 10.9 16.3

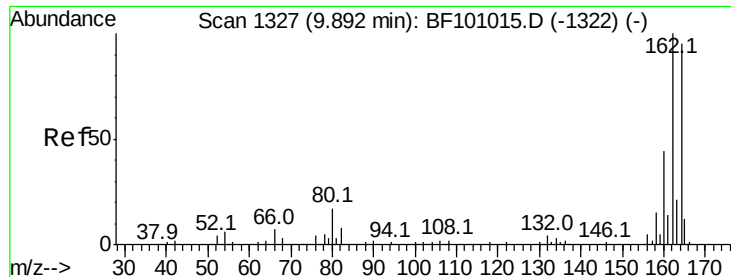


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

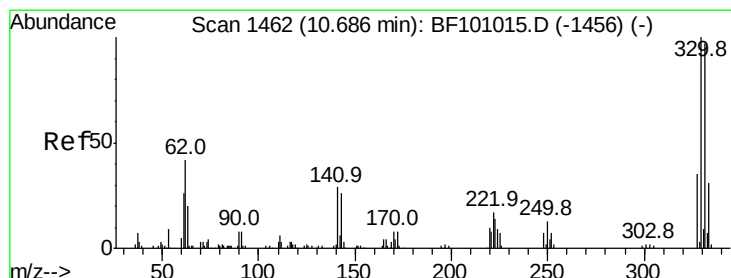
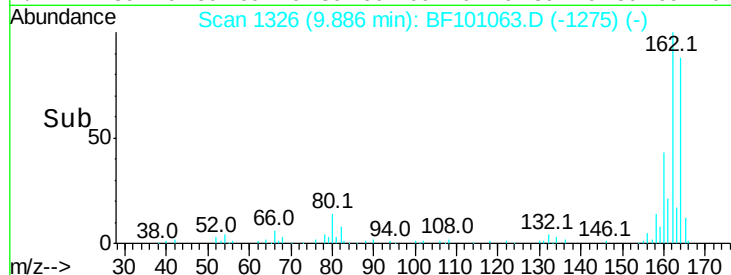
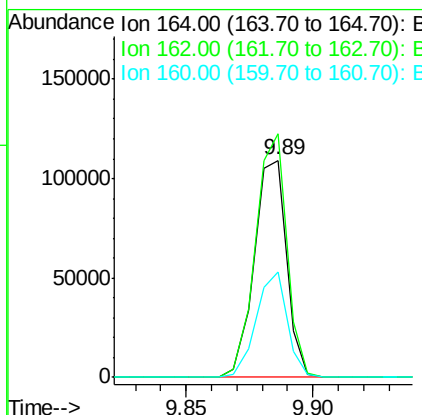
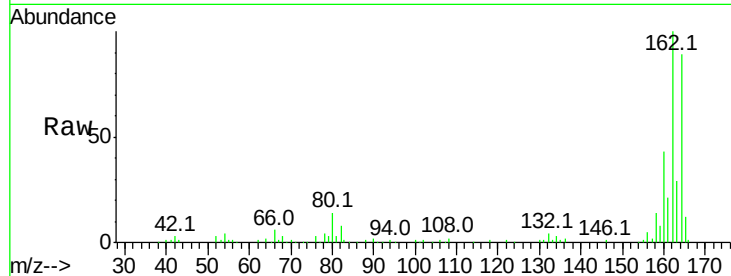




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF101063.D
 Acq: 1 Dec 2017 15:17

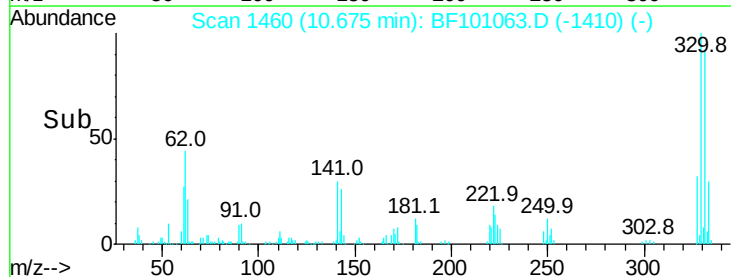
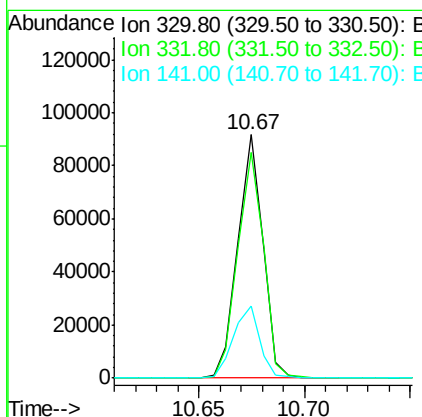
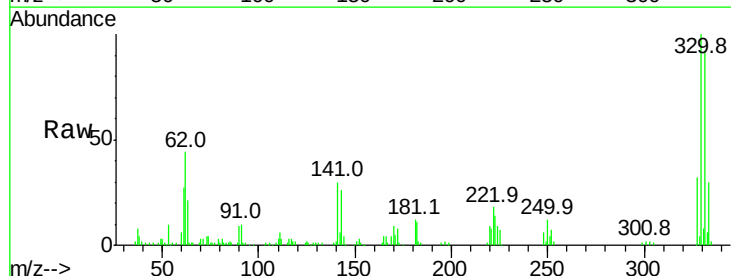
Instrument :
 BNA_F
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 SB-10(0-2)-20171127

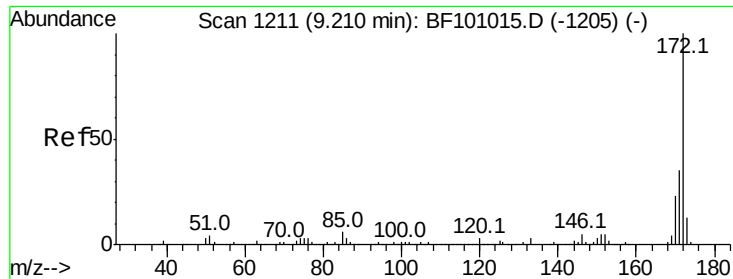
Tot Ion:164 Resp: 97895
 Ion Ratio Lower Upper
 164 100
 162 112.1 86.1 129.1
 160 48.6 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 63.979 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF101063.D
 Acq: 1 Dec 2017 15:17

Tgt Ion:330 Resp: 75239
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.0 115.6
 141 31.5 29.9 44.9

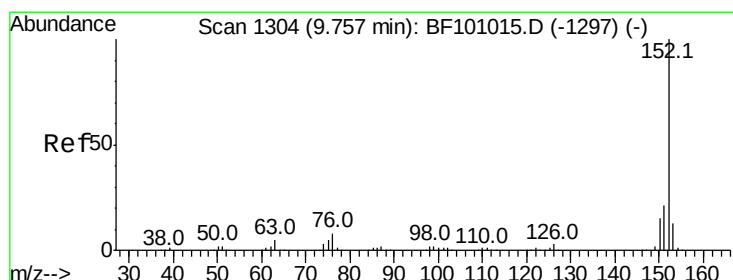
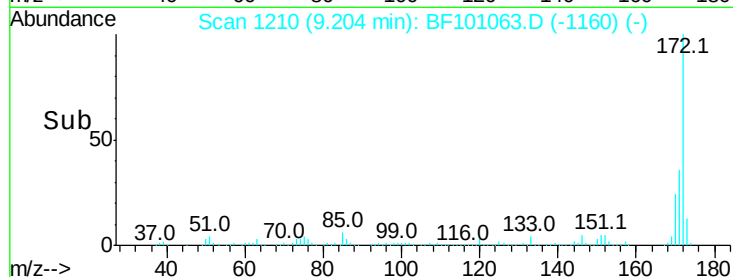
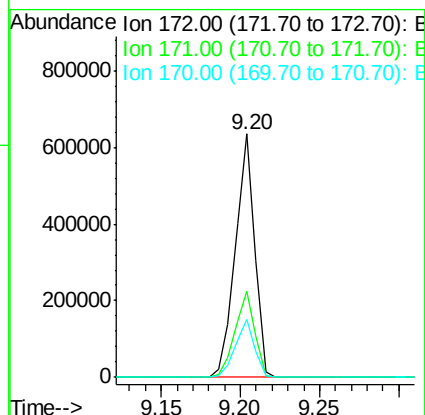
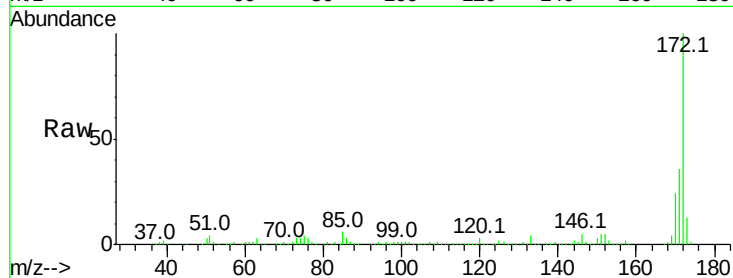




#44
2-Fluorobiphenyl
Concen: 75.034 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF101063.D
Acq: 1 Dec 2017 15:17

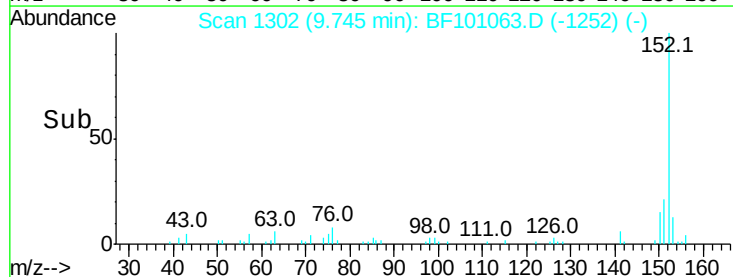
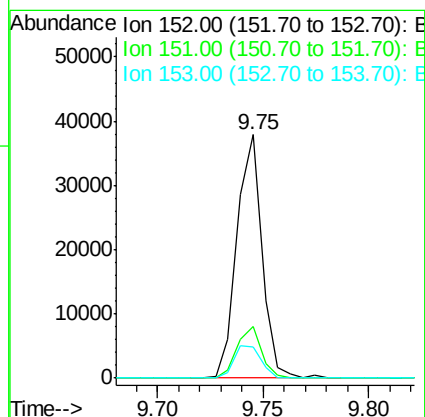
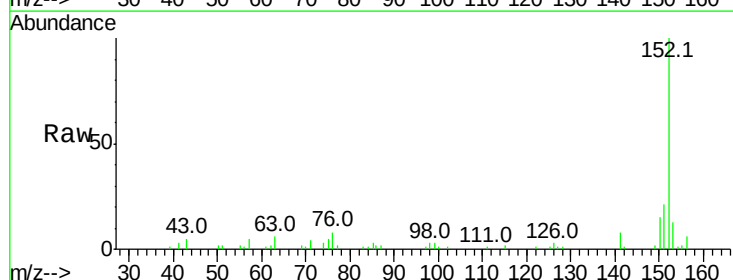
Instrument :
BNA_F
ClientSampleId :
SB-10(0-2)-20171127

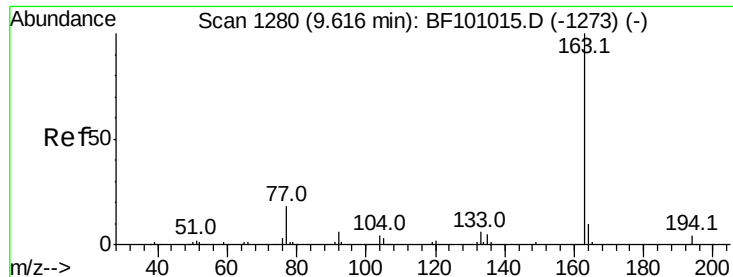
Tot Ion:172 Resp: 536870
Ion Ratio Lower Upper
172 100
171 35.6 29.7 44.5
170 23.8 19.6 29.4



#48
Acenaphthylene
Concen: 2.951 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF101063.D
Acq: 1 Dec 2017 15:17

Tgt Ion:152 Resp: 30893
Ion Ratio Lower Upper
152 100
151 21.3 16.3 24.5
153 13.0 10.7 16.1





#49

Dimethylphthalate

Concen: 4.693 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.02 min

Lab File: BF101063.D

Acq: 1 Dec 2017 15:17

Instrument :

BNA_F

ClientSampleId :

SB-10(0-2)-20171127

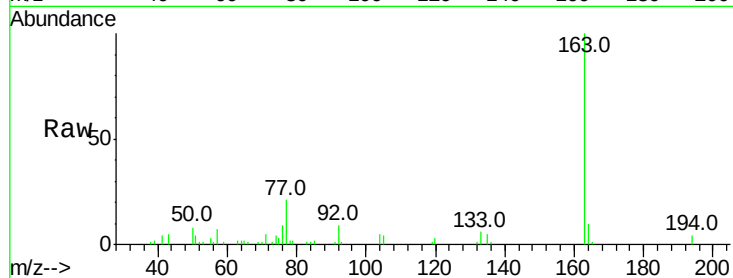
Tot Ion:163 Resp: 37051

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

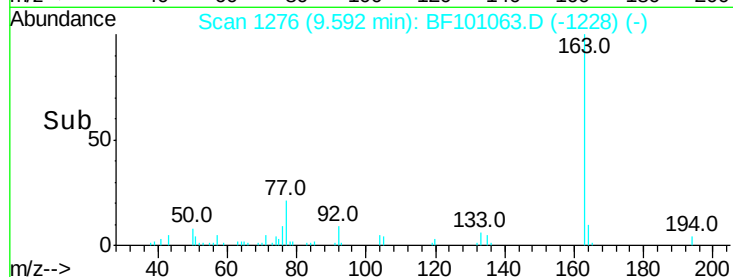
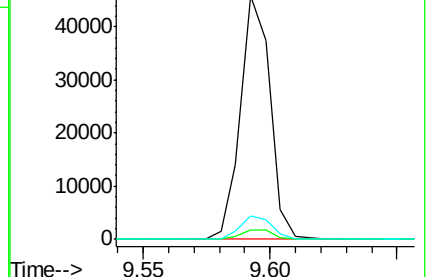
164 9.8 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 8.013 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.21 min

Lab File: BF101063.D

Acq: 1 Dec 2017 15:17

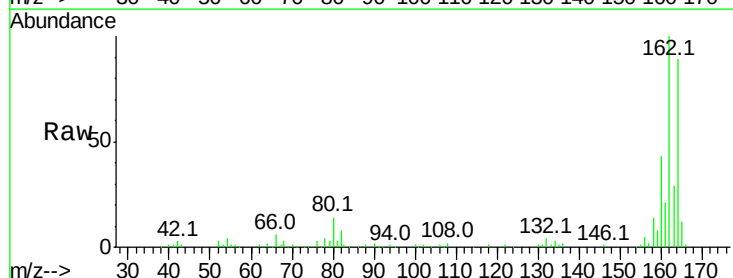
Tgt Ion:165 Resp: 13325

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

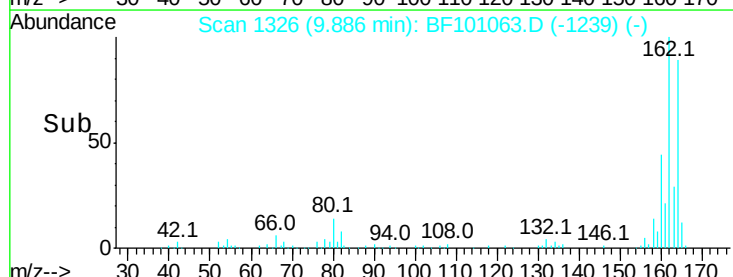
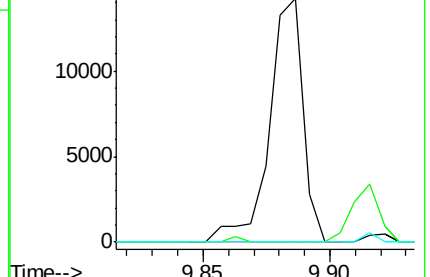
89 0.0 44.0 66.0#

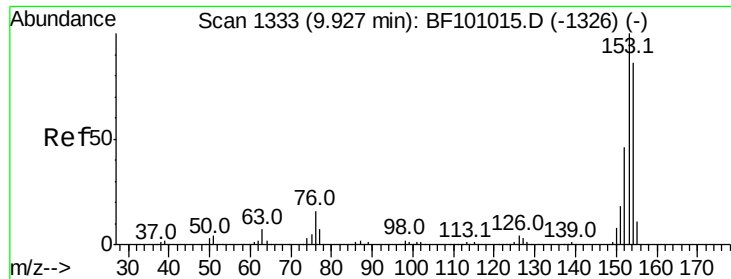


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 4.684 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF101063.D

Acq: 1 Dec 2017 15:17

Instrument :

BNA_F

ClientSampleId :

SB-10(0-2)-20171127

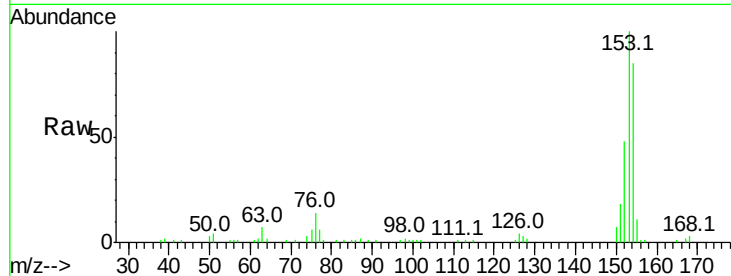
Tot Ion:154 Resp: 29361

Ion Ratio Lower Upper

154 100

153 117.0 91.2 136.8

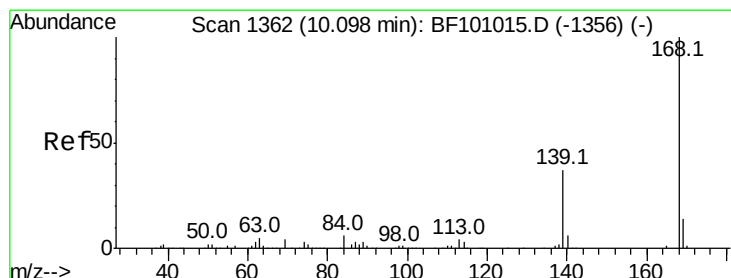
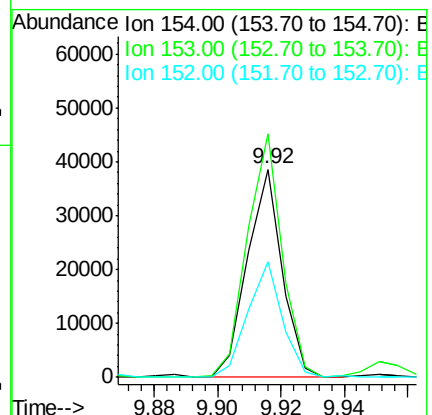
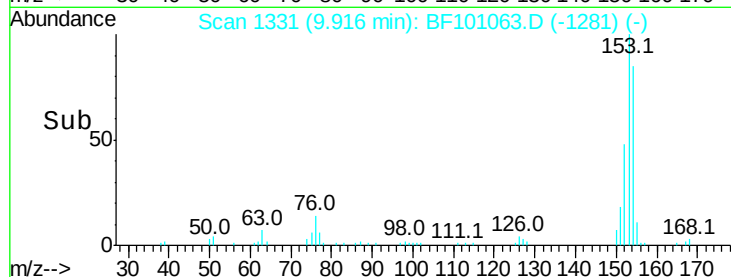
152 55.7 43.8 65.8



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

Dibenzofuran

Concen: 2.664 ng

RT: 10.09 min Scan# 1360

Delta R.T. -0.01 min

Lab File: BF101063.D

Acq: 1 Dec 2017 15:17

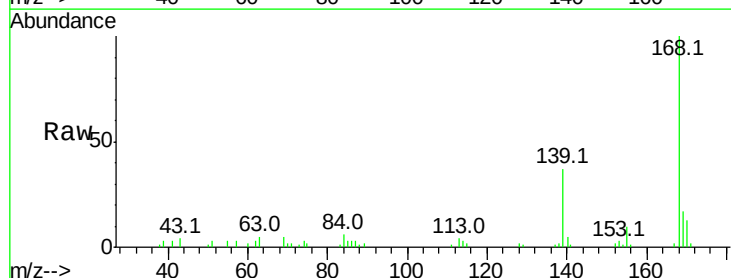
Tgt Ion:168 Resp: 24067

Ion Ratio Lower Upper

168 100

139 36.8 30.1 45.1

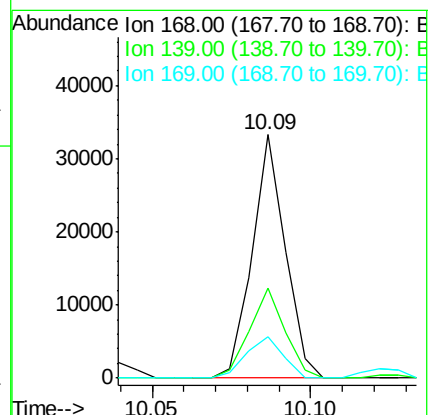
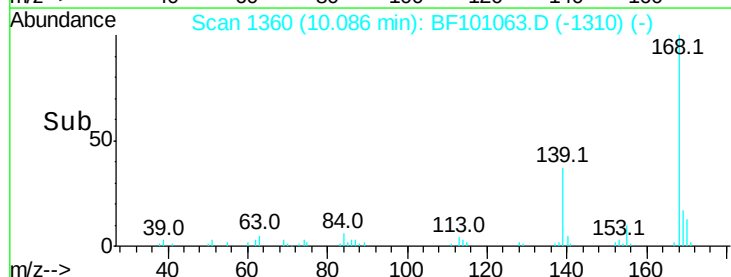
169 17.2 10.9 16.3#

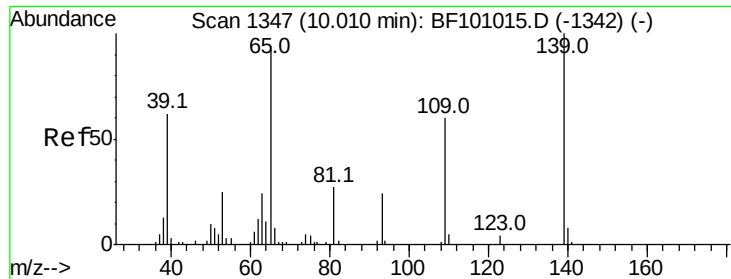


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

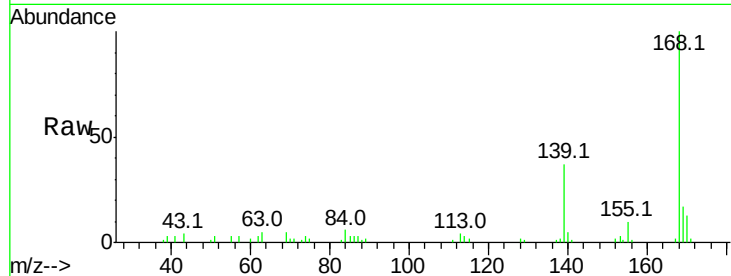




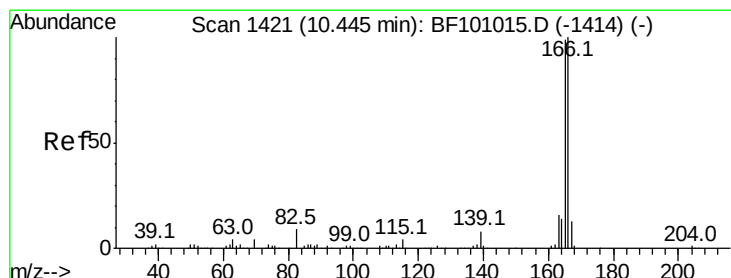
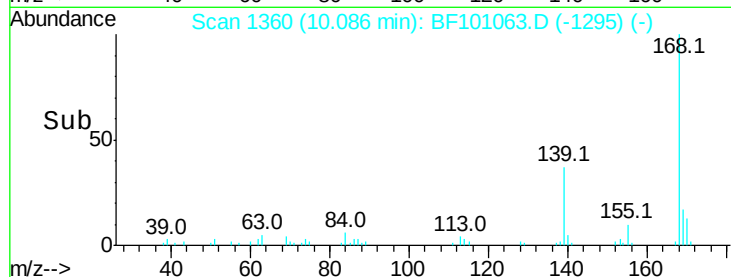
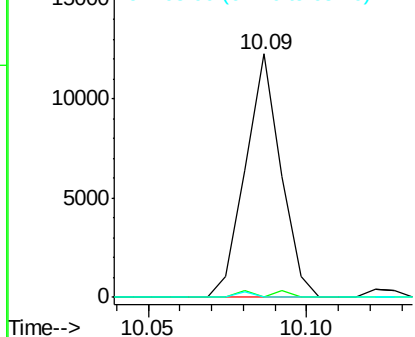
#55
4-Nitrophenol
Concen: 7.515 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.08 min
Lab File: BF101063.D
Acq: 1 Dec 2017 15:17

Instrument :
BNA_F
ClientSampleId :
SB-10(0-2)-20171127

Tot Ion:139 Resp: 9478
Ion Ratio Lower Upper
139 100
109 0.0 48.4 88.4#
65 0.0 72.6 112.6#

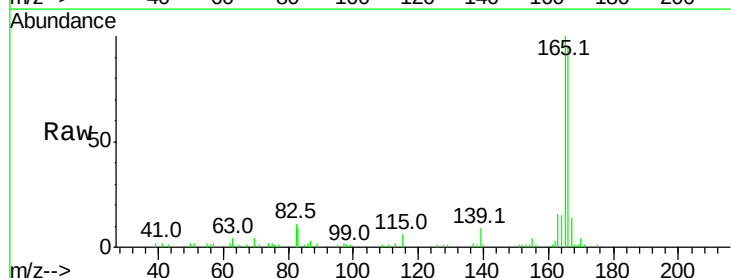


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

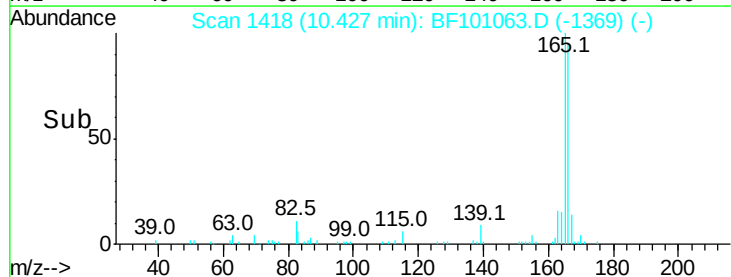
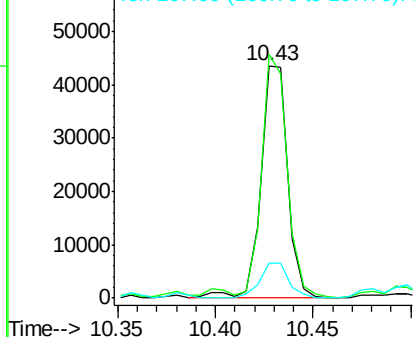


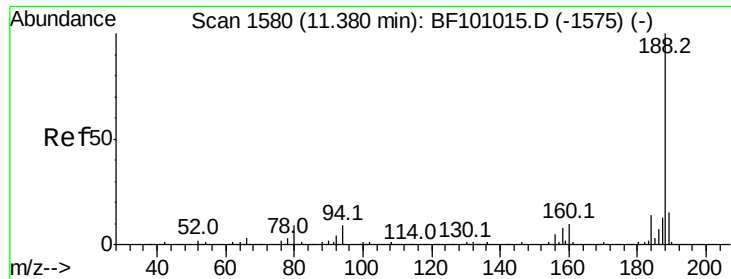
#57
Fluorene
Concen: 5.628 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF101063.D
Acq: 1 Dec 2017 15:17

Tgt Ion:166 Resp: 41329
Ion Ratio Lower Upper
166 100
165 104.7 79.8 119.8
167 15.1 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: 11.37 min Scan# 1579

Delta R.T. 0.00 min

Lab File: BF101063.D

Acq: 1 Dec 2017 15:17

Instrument :

BNA_F

ClientSampleId :

SB-10(0-2)-20171127

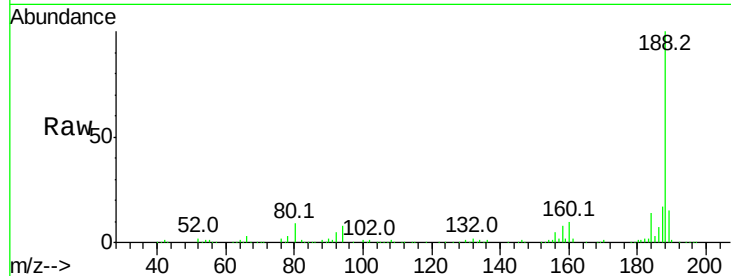
Tot Ion:188 Resp: 176180

Ion Ratio Lower Upper

188 100

94 7.8 8.5 12.7#

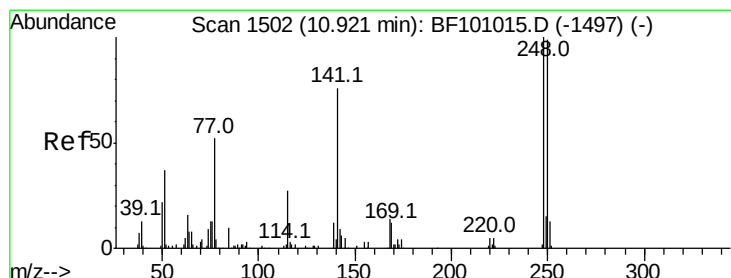
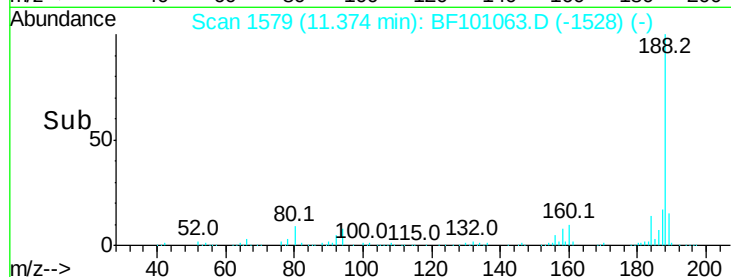
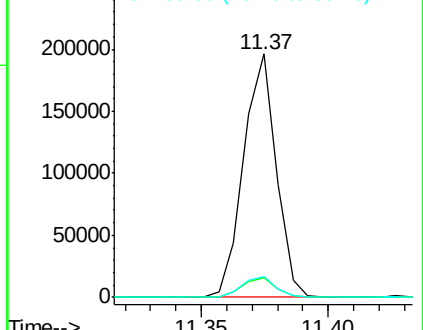
80 8.7 9.2 13.8#



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: 2.337 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.24 min

Lab File: BF101063.D

Acq: 1 Dec 2017 15:17

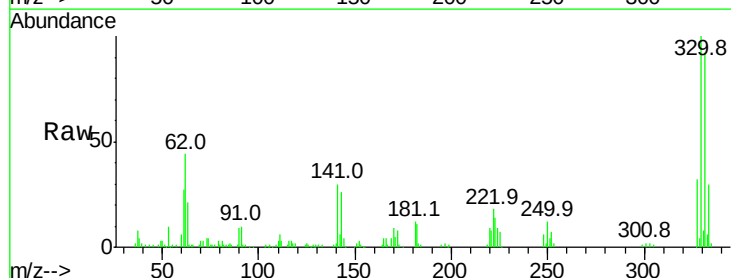
Tgt Ion:248 Resp: 4609

Ion Ratio Lower Upper

248 100

250 214.8 76.9 115.3#

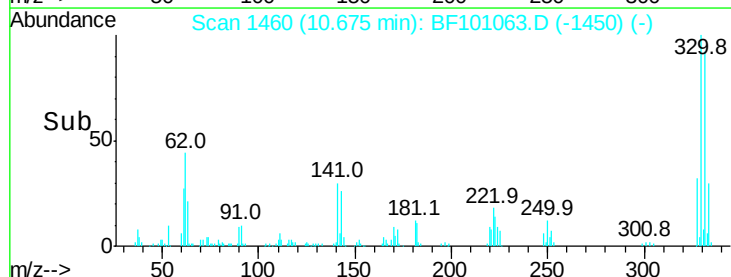
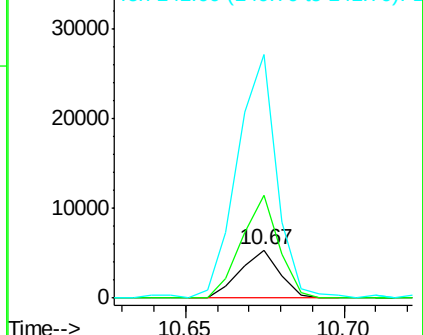
141 507.9 74.4 111.6#

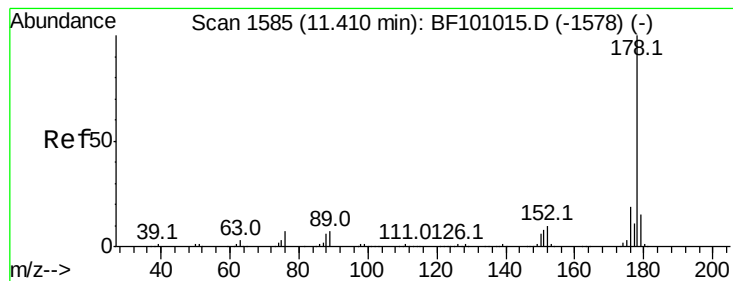


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#70

Phenanthrene

Concen: 50.247 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF101063.D

Acq: 1 Dec 2017 15:17

Instrument :

BNA_F

ClientSampleId :

SB-10(0-2)-20171127

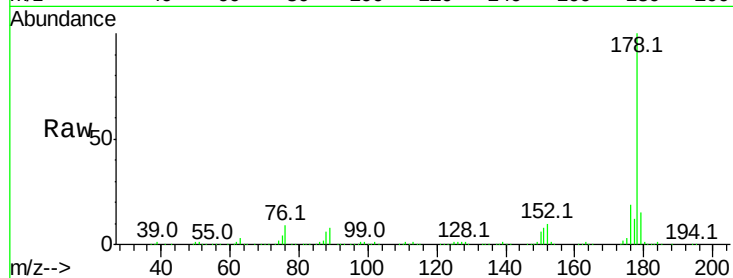
Tot Ion:178 Resp: 487502

Ion Ratio Lower Upper

178 100

176 19.2 15.8 23.8

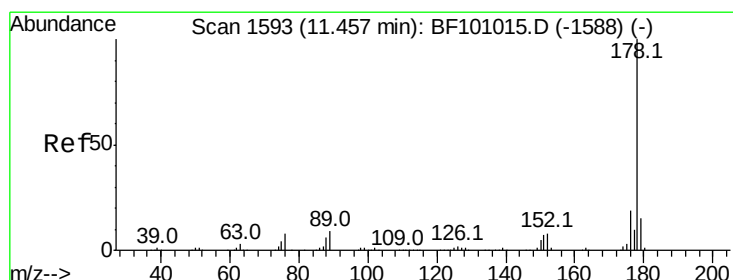
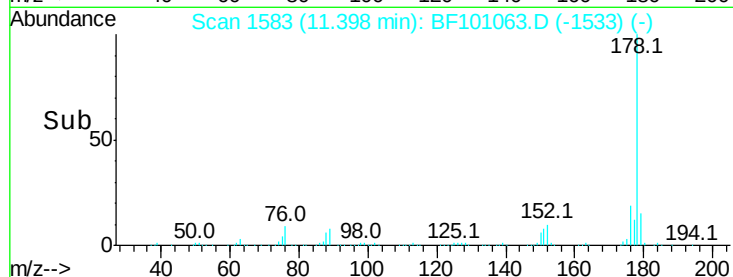
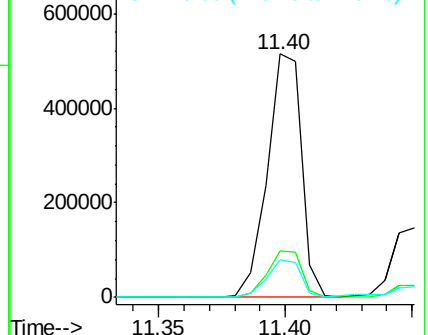
179 15.5 13.0 19.6



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: 12.879 ng

RT: 11.45 min Scan# 1592

Delta R.T. 0.00 min

Lab File: BF101063.D

Acq: 1 Dec 2017 15:17

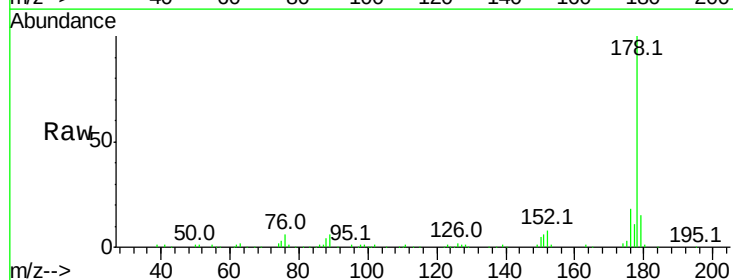
Tgt Ion:178 Resp: 126460

Ion Ratio Lower Upper

178 100

176 17.7 15.4 23.2

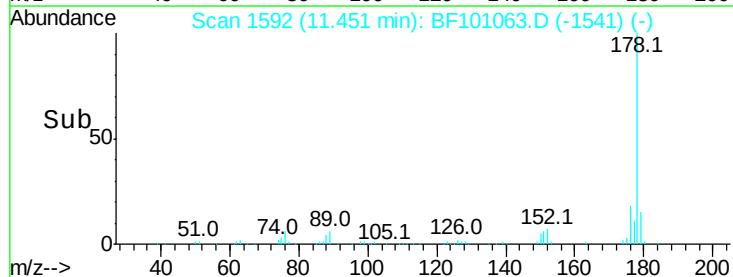
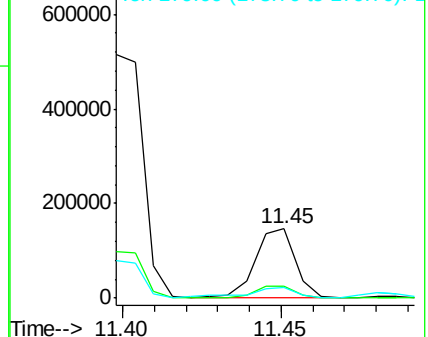
179 15.1 12.6 19.0

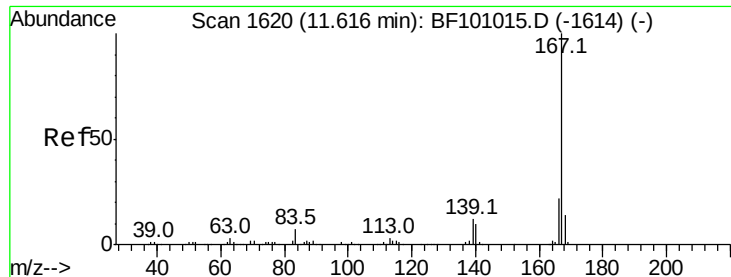


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 4.671 ng

RT: 11.60 min Scan# 1618

Delta R.T. -0.01 min

Lab File: BF101063.D

Acq: 1 Dec 2017 15:17

Instrument :

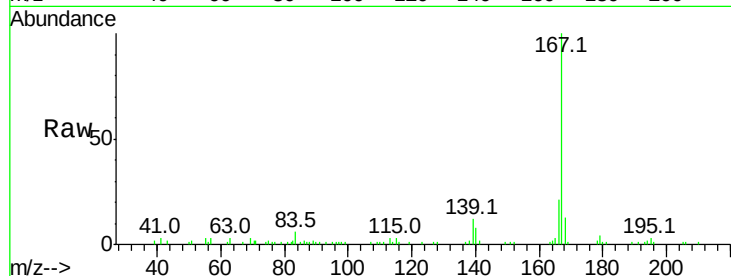
BNA_F

ClientSampleId :

SB-10(0-2)-20171127

Tot Ion:167 Resp: 41905

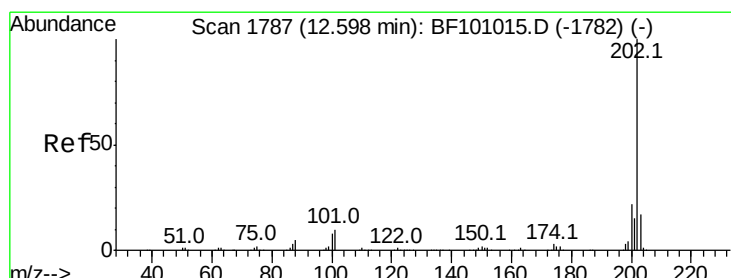
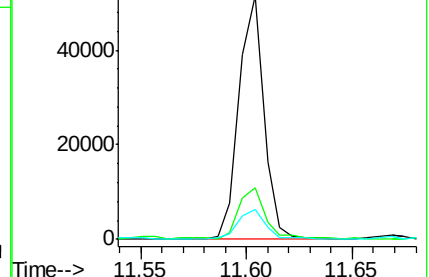
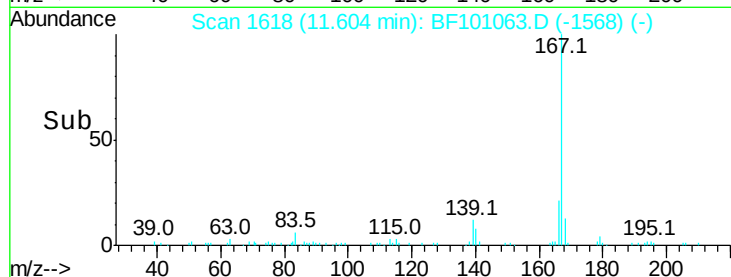
Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.6	26.4
139	12.1	10.9	16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Fluoranthene

Concen: 60.406 ng

RT: 12.60 min Scan# 1787

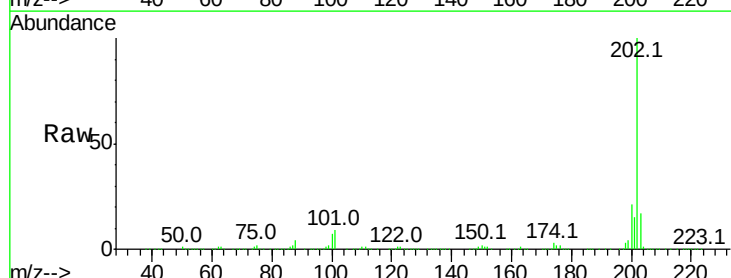
Delta R.T. 0.01 min

Lab File: BF101063.D

Acq: 1 Dec 2017 15:17

Tgt Ion:202 Resp: 649647

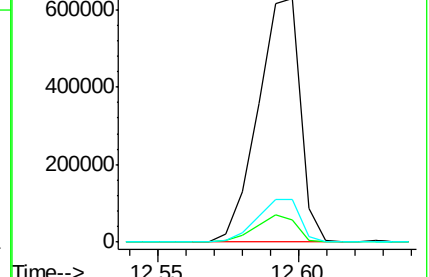
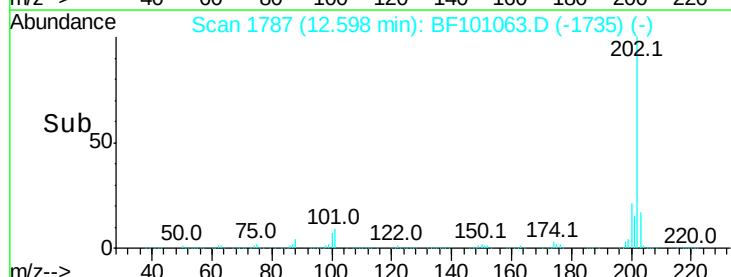
Ion	Ratio	Lower	Upper
202	100		
101	9.2	0.0	34.1
203	17.5	0.0	38.1

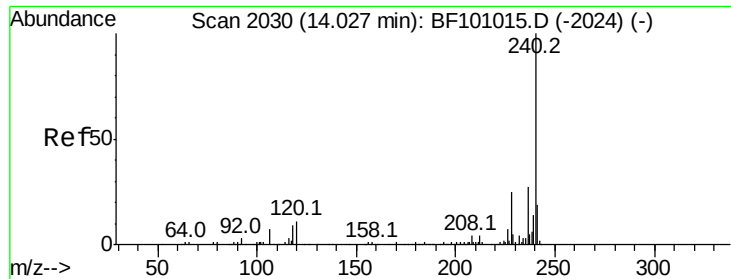


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.02 min Scan# 2029

Delta R.T. 0.00 min

Lab File: BF101063.D

Acq: 1 Dec 2017 15:17

Instrument :

BNA_F

ClientSampleId :

SB-10(0-2)-20171127

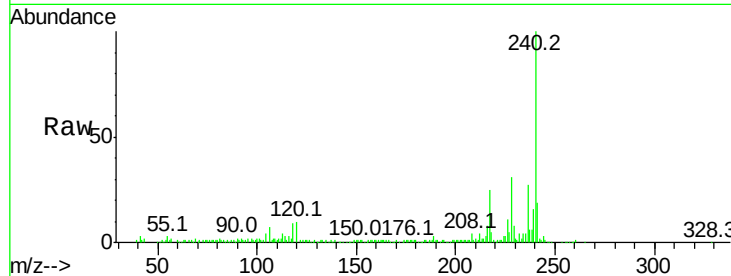
Tot Ion:240 Resp: 114588

Ion Ratio Lower Upper

240 100

120 9.5 9.5 14.3#

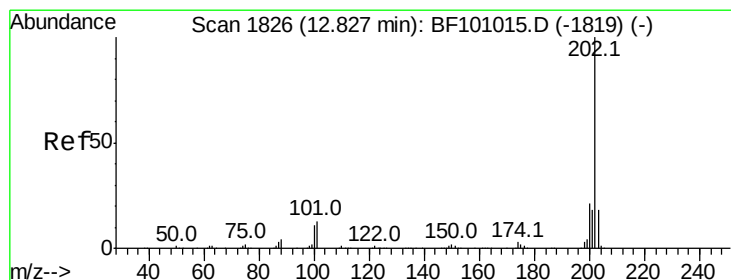
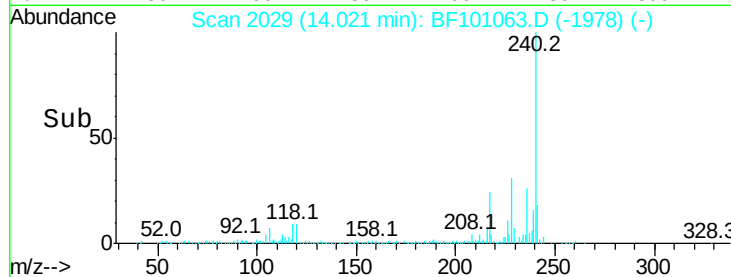
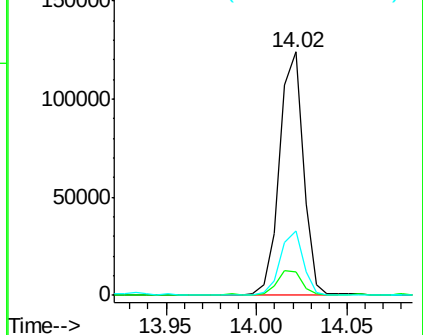
236 26.6 20.7 31.1



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

Pyrene

Concen: 71.162 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BF101063.D

Acq: 1 Dec 2017 15:17

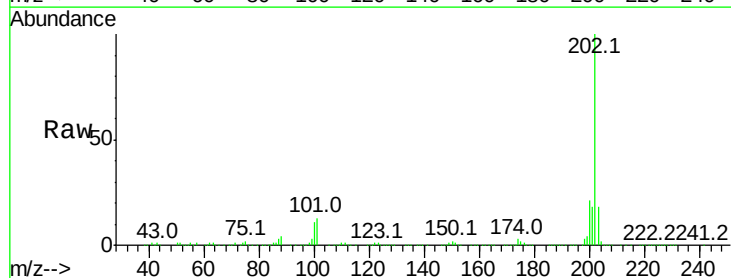
Tgt Ion:202 Resp: 562675

Ion Ratio Lower Upper

202 100

200 20.6 17.4 26.2

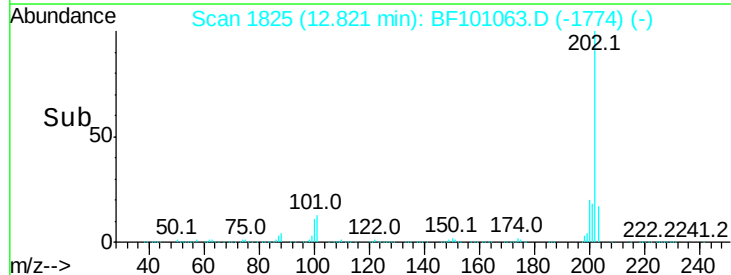
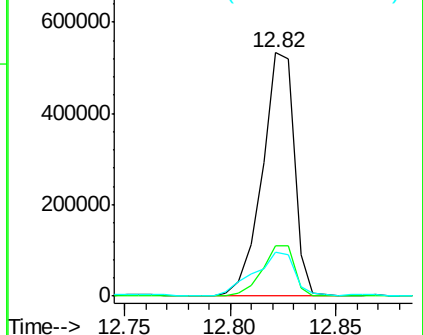
203 17.8 14.3 21.5

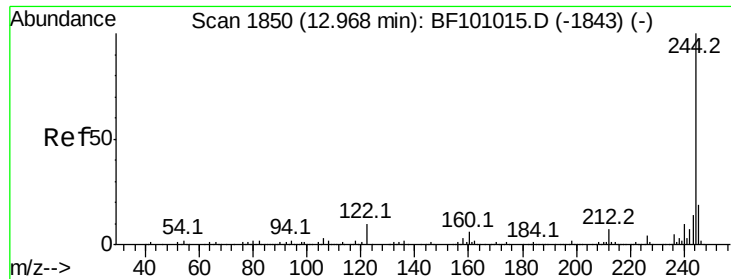


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 79.574 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF101063.D

Acq: 1 Dec 2017 15:17

Instrument :

BNA_F

ClientSampleId :

SB-10(0-2)-20171127

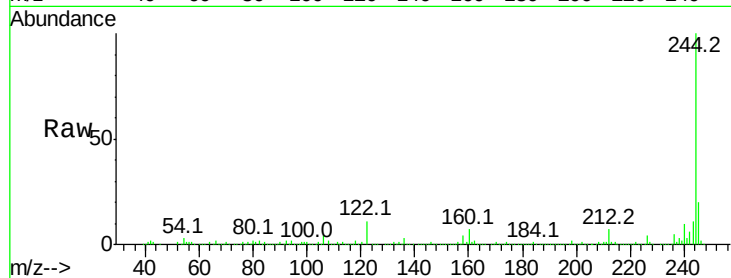
Tot Ion:244 Resp: 416878

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

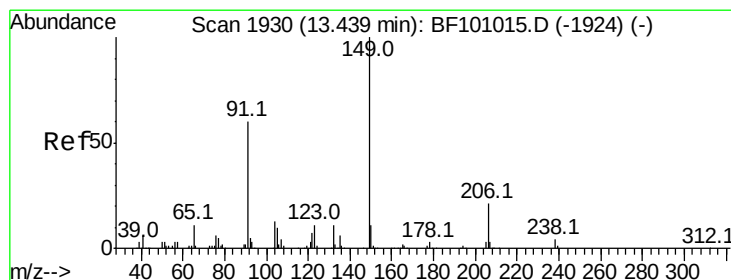
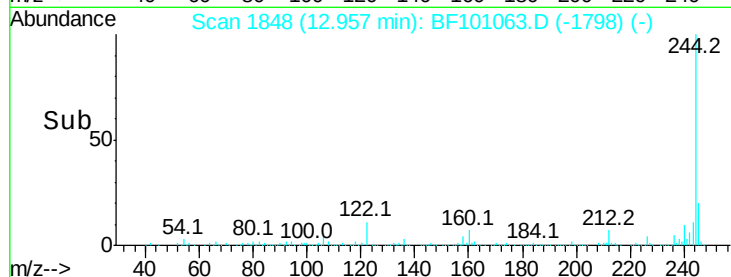
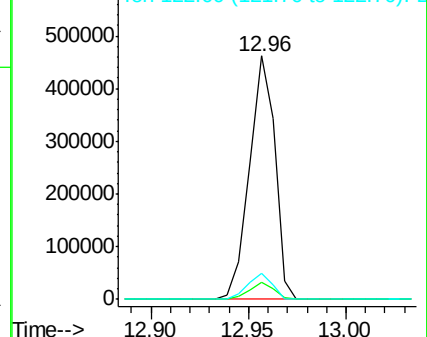
122 10.7 11.0 16.4#



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



#79

Butylbenzylphthalate

Concen: 4.641 ng

RT: 13.43 min Scan# 1928

Delta R.T. -0.01 min

Lab File: BF101063.D

Acq: 1 Dec 2017 15:17

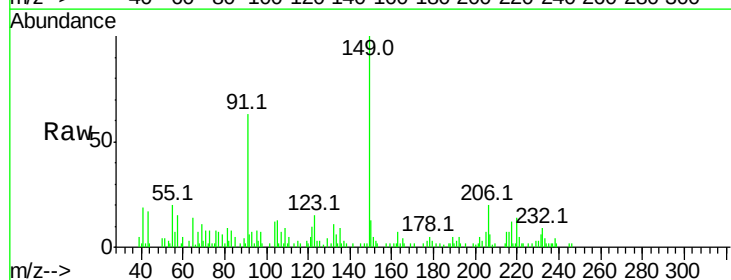
Tgt Ion:149 Resp: 16178

Ion Ratio Lower Upper

149 100

91 62.6 56.8 85.2

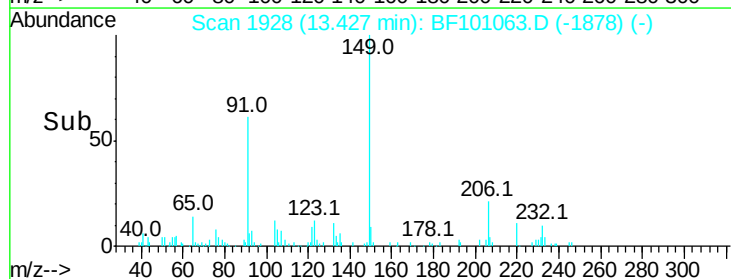
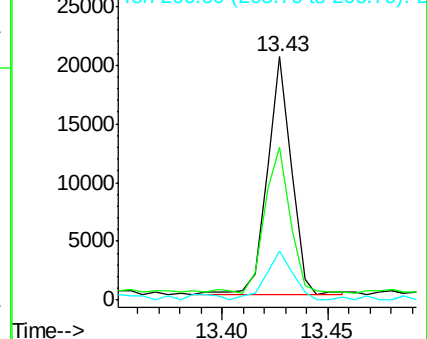
206 20.2 14.1 21.1

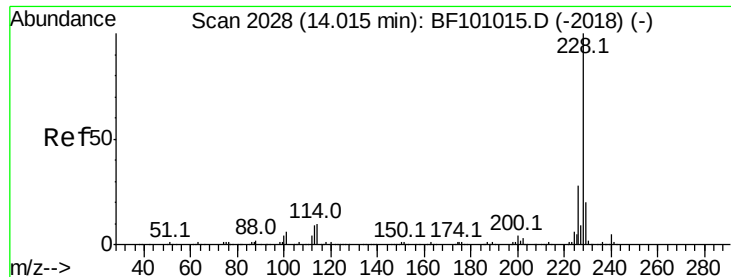


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 40.700 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BF101063.D

Acq: 1 Dec 2017 15:17

Instrument :

BNA_F

ClientSampleId :

SB-10(0-2)-20171127

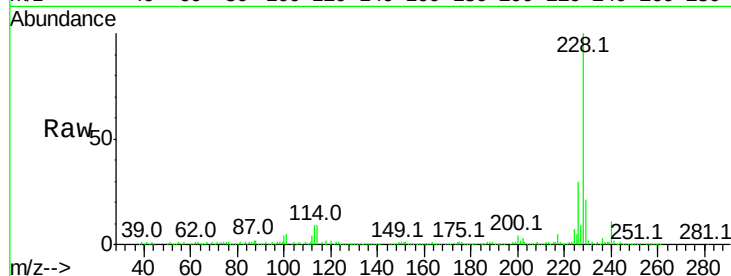
Tot Ion:228 Resp: 294461

Ion Ratio Lower Upper

228 100

226 30.4 22.6 33.8

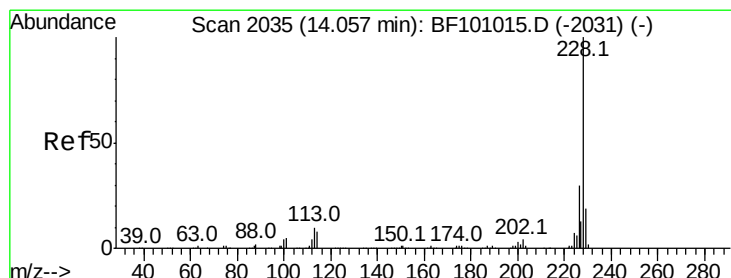
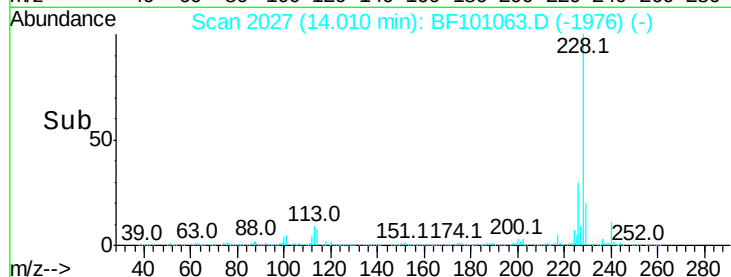
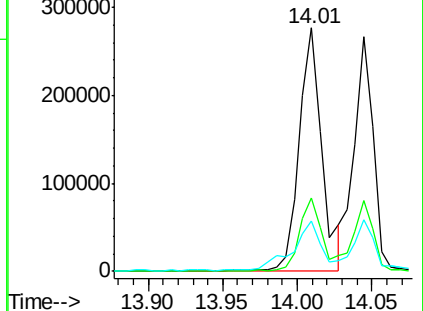
229 20.8 15.8 23.6



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: 35.353 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF101063.D

Acq: 1 Dec 2017 15:17

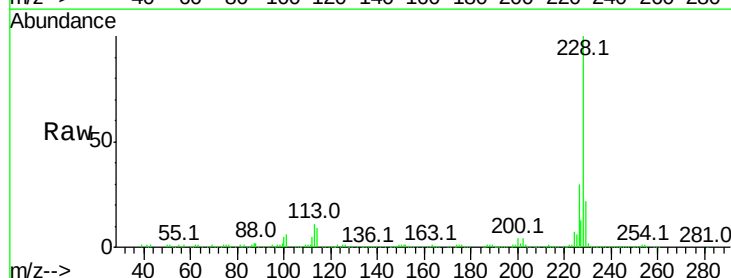
Tgt Ion:228 Resp: 237546

Ion Ratio Lower Upper

228 100

226 30.3 25.0 37.6

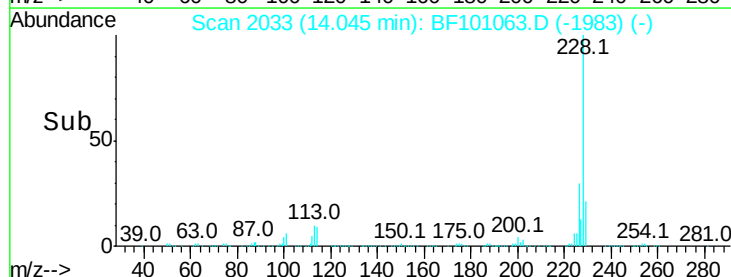
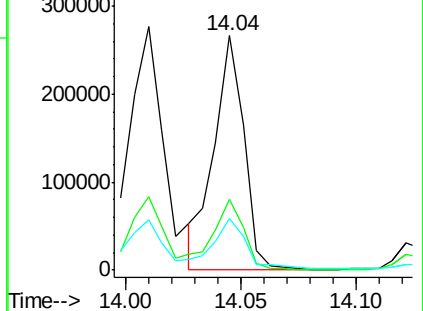
229 22.1 16.2 24.4

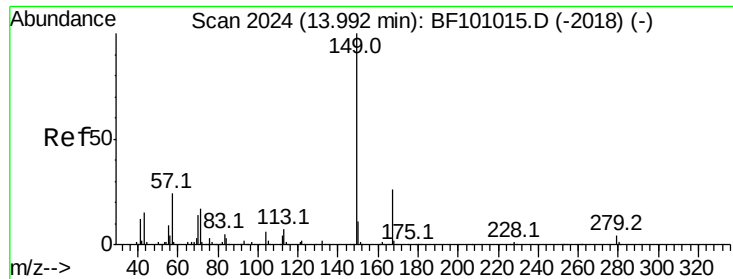


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

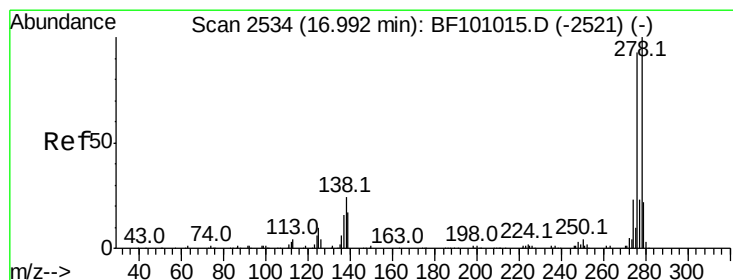
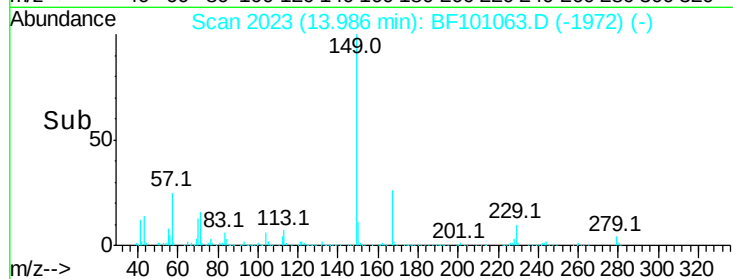
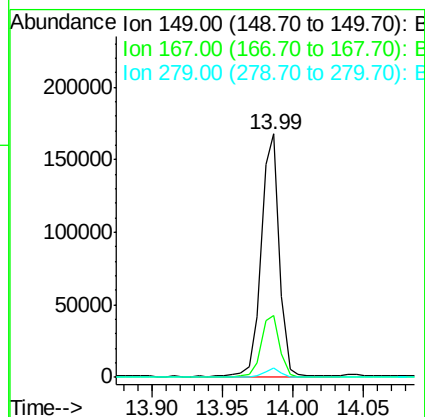
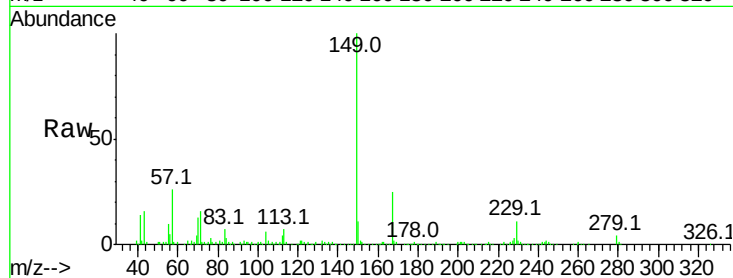




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 30.497 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. 0.00 min
 Lab File: BF101063.D
 Acq: 1 Dec 2017 15:17

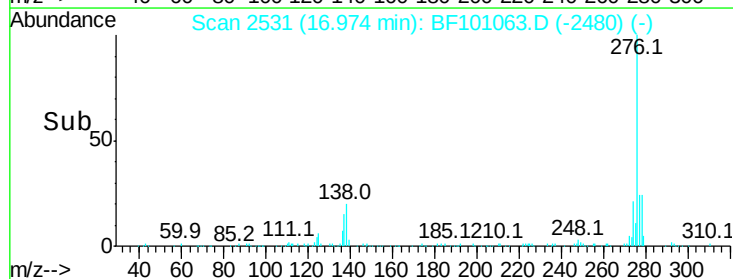
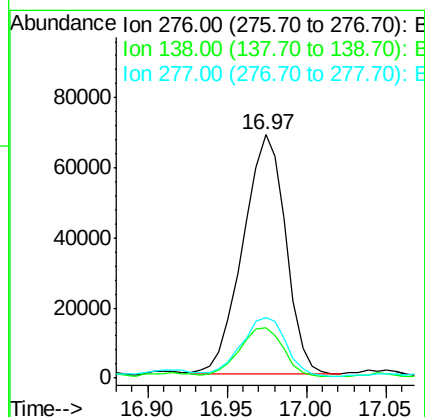
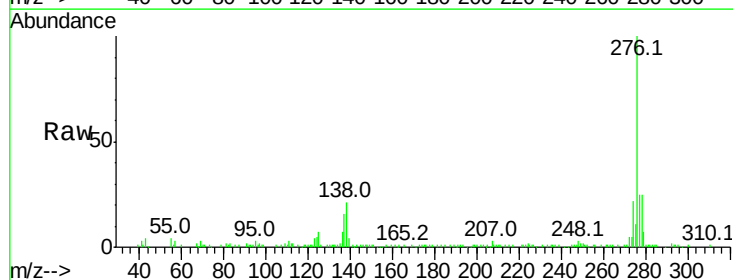
Instrument :
 BNA_F
 ClientSampleId :
 SB-10(0-2)-20171127

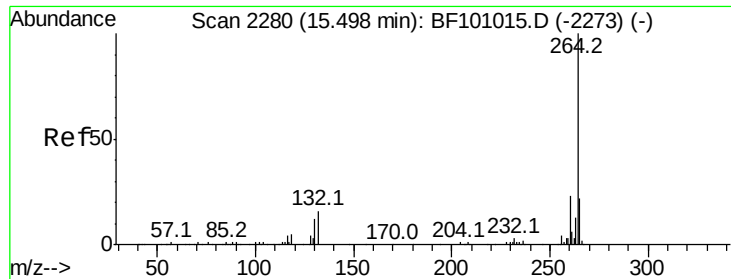
Tot Ion	Ratio	Lower	Upper
149	100		
167	25.4	21.3	31.9
279	3.8	3.0	4.4



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 21.343 ng
 RT: 16.97 min Scan# 2531
 Delta R.T. 0.00 min
 Lab File: BF101063.D
 Acq: 1 Dec 2017 15:17

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.0	25.0	37.6#
277	25.5	20.1	30.1

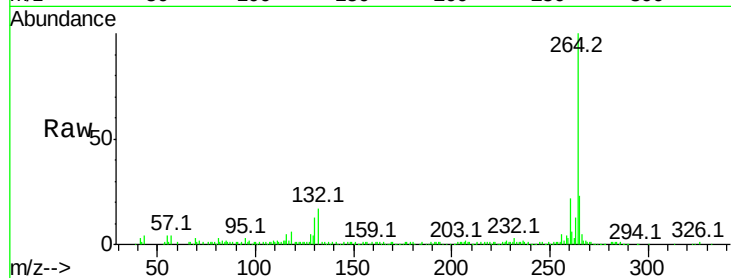




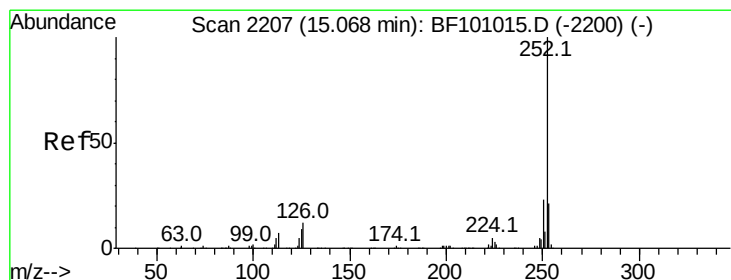
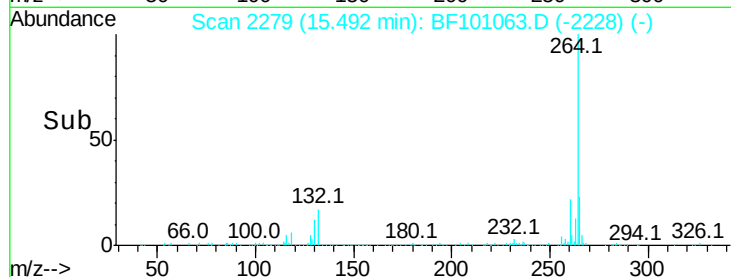
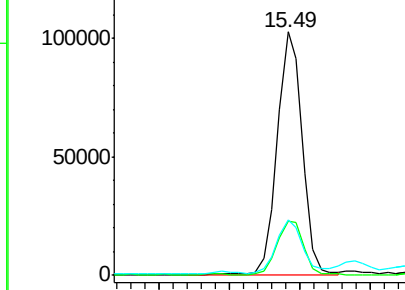
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BF101063.D
Acq: 1 Dec 2017 15:17

Instrument :
BNA_F
ClientSampleId :
SB-10(0-2)-20171127

Tot Ion:264 Resp: 128080
Ion Ratio Lower Upper
264 100
260 22.1 19.2 28.8
265 22.9 17.5 26.3

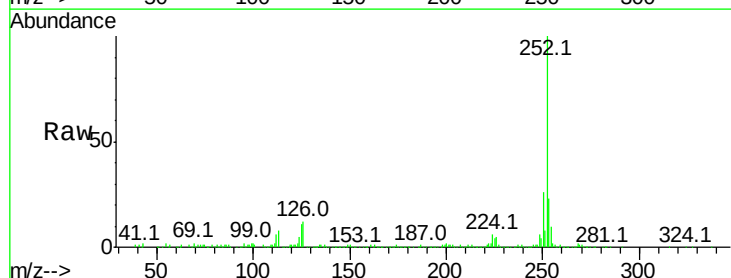


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

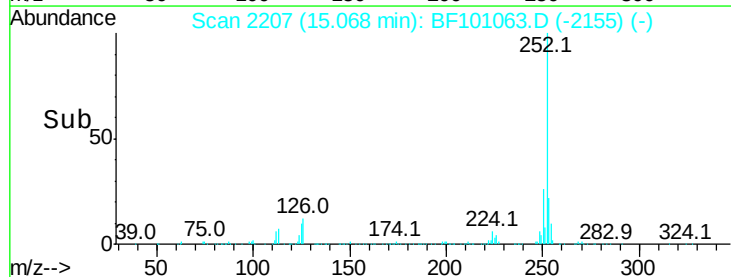
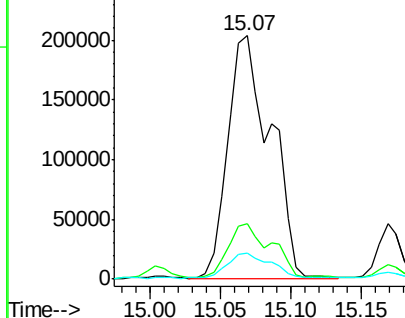


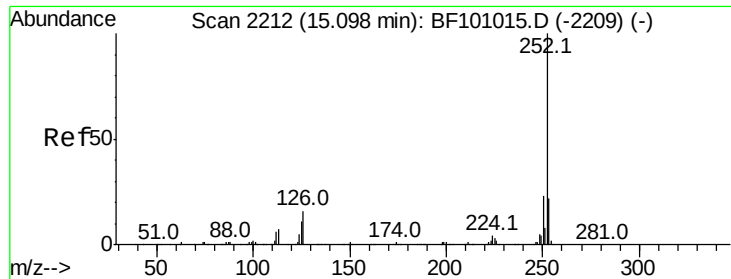
#87
Benzo(b)fluoranthene
Concen: 56.193 ng
RT: 15.07 min Scan# 2207
Delta R.T. 0.01 min
Lab File: BF101063.D
Acq: 1 Dec 2017 15:17

Tgt Ion:252 Resp: 431093
Ion Ratio Lower Upper
252 100
253 22.7 17.0 25.6
125 10.7 9.0 13.6



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

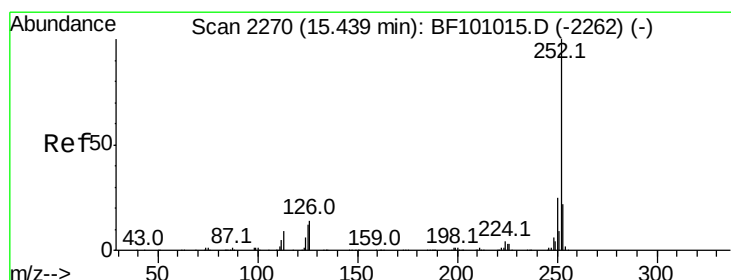
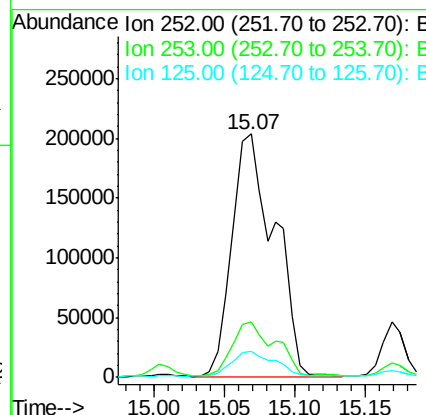
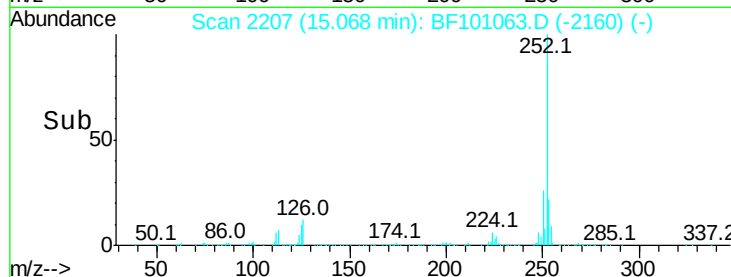
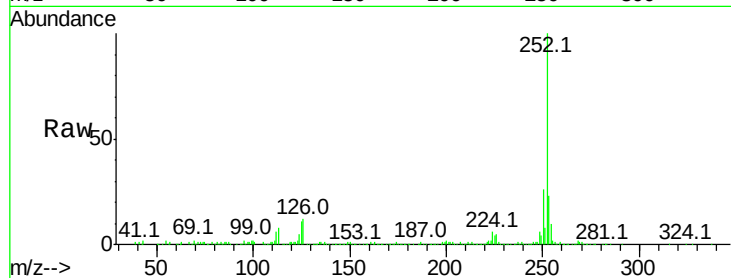




#88
Benzo(k)fluoranthene
Concen: 57.036 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.02 min
Lab File: BF101063.D
Acq: 1 Dec 2017 15:17

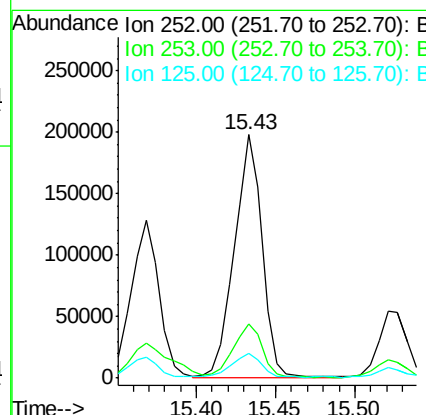
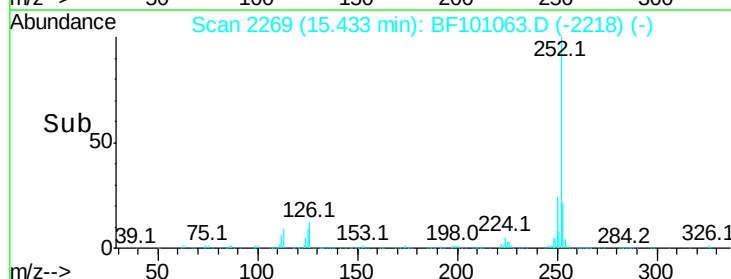
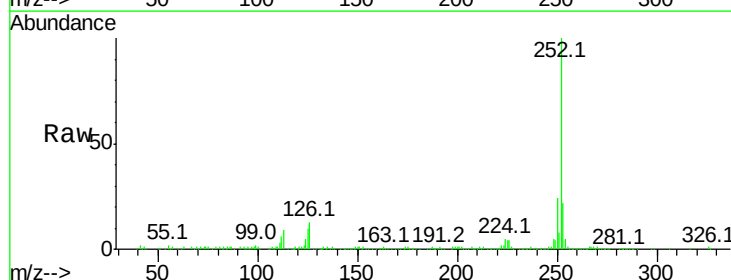
Instrument :
BNA_F
ClientSampleId :
SB-10(0-2)-20171127

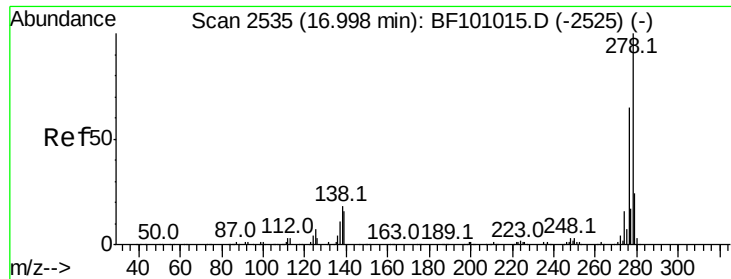
Tot Ion:252 Resp: 431093
Ion Ratio Lower Upper
252 100
253 22.7 17.9 26.9
125 10.7 10.2 15.2



#89
Benzo(a)pyrene
Concen: 33.989 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.00 min
Lab File: BF101063.D
Acq: 1 Dec 2017 15:17

Tgt Ion:252 Resp: 237058
Ion Ratio Lower Upper
252 100
253 22.2 17.1 25.7
125 10.0 9.8 14.6





#90

Dibenzo(a,h)anthracene

Concen: 3.650 ng

RT: 16.77 min Scan# 2497

Delta R.T. -0.21 min

Lab File: BF101063.D

Acq: 1 Dec 2017 15:17

Instrument :

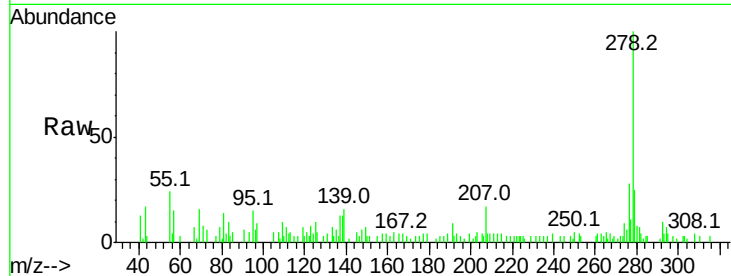
BNA_F

ClientSampleId :

SB-10(0-2)-20171127

Tot Ion:278 Resp: 22444

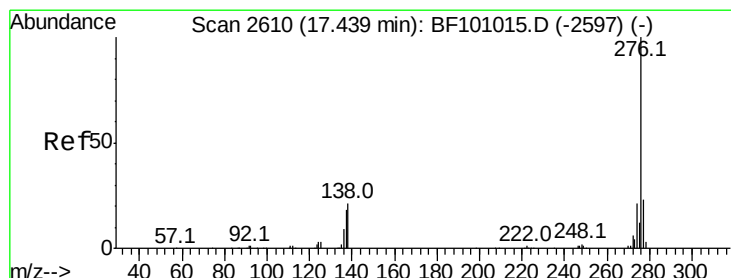
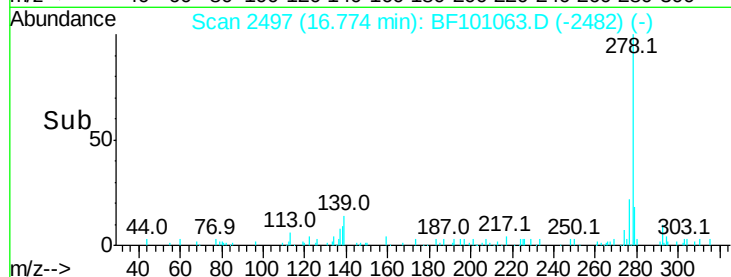
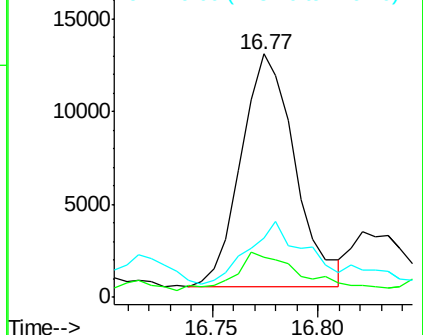
Ion	Ratio	Lower	Upper
278	100		
139	16.5	15.9	23.9
279	24.6	19.0	28.4



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



#91

Benzo(g,h,i)perylene

Concen: 20.226 ng

RT: 17.43 min Scan# 2608

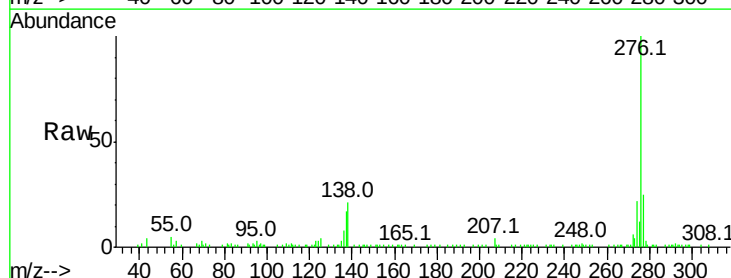
Delta R.T. 0.00 min

Lab File: BF101063.D

Acq: 1 Dec 2017 15:17

Tgt Ion:276 Resp: 117200

Ion	Ratio	Lower	Upper
276	100		
277	25.3	17.9	26.9
138	20.9	21.8	32.8



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

