

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\
 Data File : BF103137.D
 Acq On : 21 Feb 2018 15:38
 Operator : SJ/JU
 Sample : J1623-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 21 16:41:07 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 14:34:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	184644	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	747311	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	308461	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	445256	20.00	ng	0.00
75) Chrysene-d12	14.05	240	307790	20.00	ng	0.00
86) Perylene-d12	15.55	264	254533	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	1209216	99.46	ng	0.01
7) Phenol-d6	6.52	99	1435407	98.05	ng	0.00
23) Nitrobenzene-d5	7.45	82	927333	86.08	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	244594	98.52	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1386607	74.59	ng	0.00
78) Terphenyl-d14	12.99	244	922538	70.97	ng	0.00

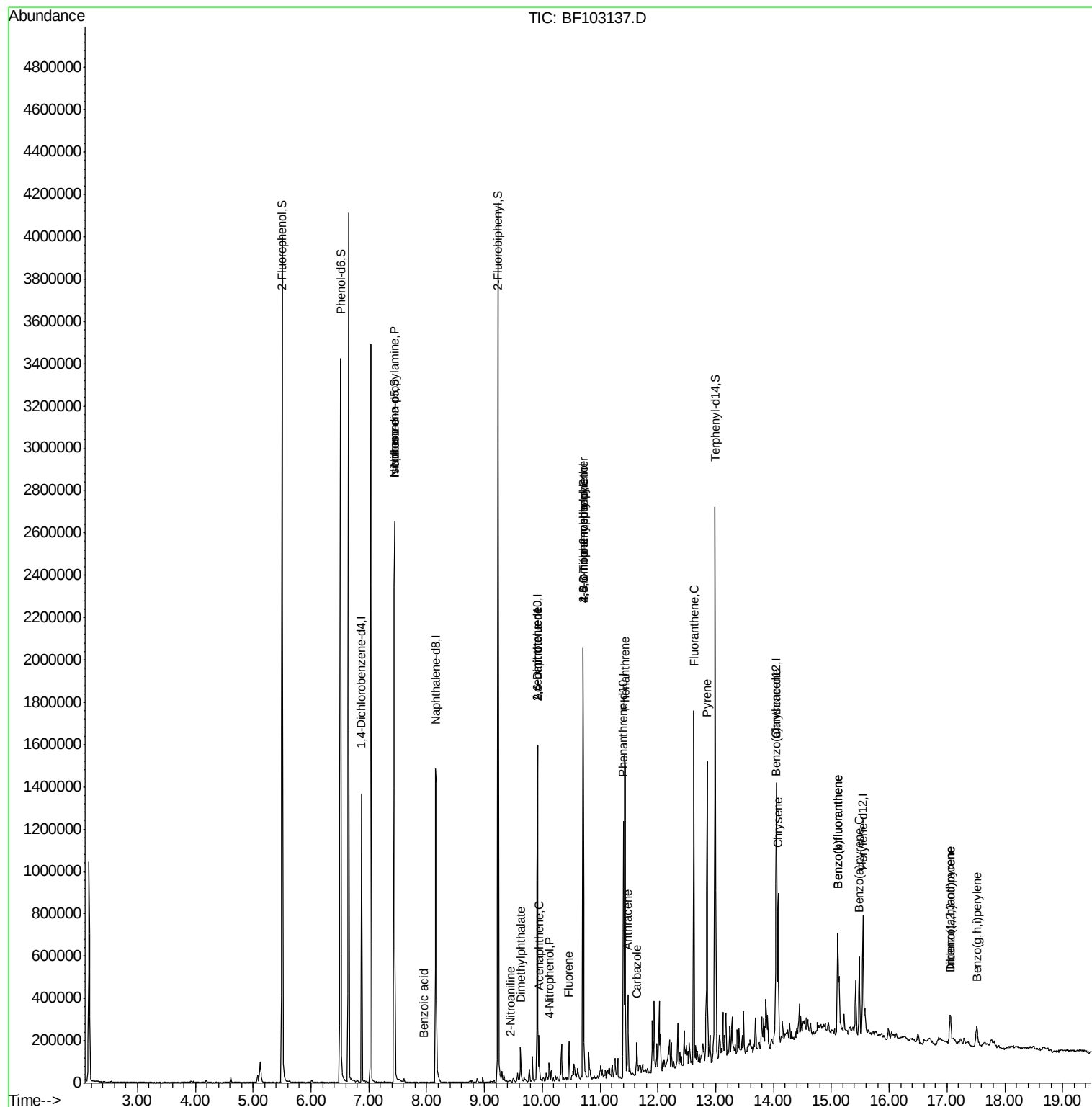
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.45	70	121583	12.597	ng	# 78
25) Isophorone	7.45	82	927327	37.383	ng	# 64
32) Benzoic acid	7.96	122	350	8.589	ng	# 1
47) 2-Nitroaniline	9.45	65	227	3.506	ng	# 2
49) Dimethylphthalate	9.63	163	69791	2.902	ng	97
50) 2,6-Dinitrotoluene	9.92	165	40315	8.810	ng	# 26
51) Acenaphthene	9.95	154	40835	2.149	ng	97
55) 4-Nitrophenol	10.12	139	11412	6.366	ng	# 10
56) 2,4-Dinitrotoluene	9.92	165	40316	9.224	ng	# 23
57) Fluorene	10.46	166	46328	2.378	ng	97
64) 4,6-Dinitro-2-methylphenol	10.71	198	418	9.001	ng	# 1
66) 4-Bromophenyl-phenylether	10.71	248	16598	3.524	ng	# 1
70) Phenanthrene	11.43	178	570684	23.013	ng	98
71) Anthracene	11.48	178	132814	5.266	ng	99
72) Carbazole	11.64	167	58537	2.369	ng	99
74) Fluoranthene	12.62	202	611749	24.519	ng	99
77) Pyrene	12.85	202	573661	23.768	ng	99
80) Benzo(a)anthracene	14.04	228	285090	14.728	ng	97
82) Chrysene	14.08	228	275053	14.096	ng	97
85) Indeno(1,2,3-cd)pyrene	17.06	276	83002	5.129	ng	100
87) Benzo(b)fluoranthene	15.11	252	364968	22.116	ng	# 96
88) Benzo(k)fluoranthene	15.11	252	364968	23.146	ng	97
89) Benzo(a)pyrene	15.49	252	177162	11.927	ng	# 94
90) Dibenzo(a,h)anthracene	17.07	278	25639	2.127	ng	# 84
91) Benzo(g,h,i)perylene	17.52	276	80085	6.786	ng	94

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

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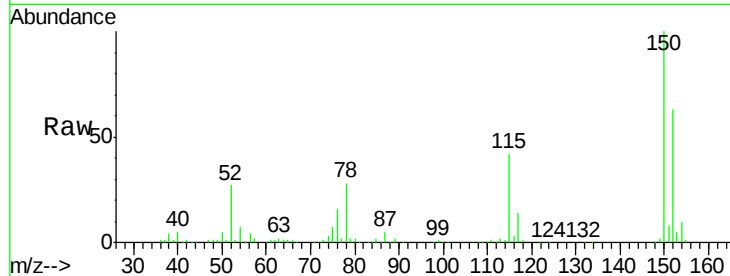


#1

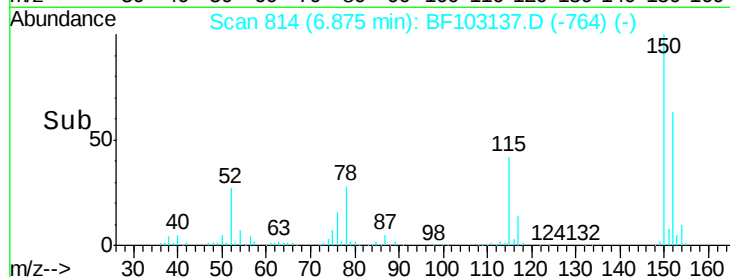
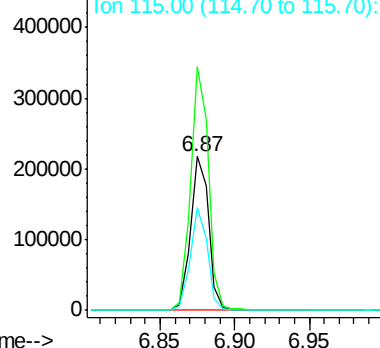
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103137.D
Acq: 21 Feb 2018 15:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 184644
Ion Ratio Lower Upper
152 100
150 158.3 124.6 186.8
115 66.7 50.1 75.1



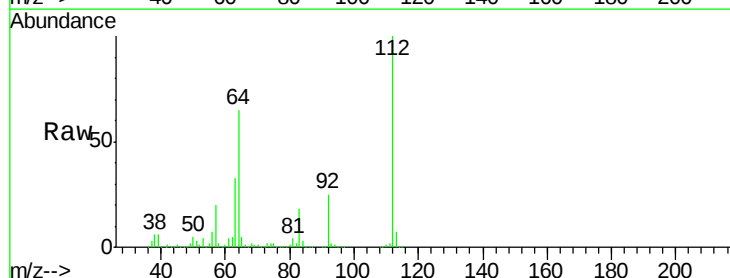
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



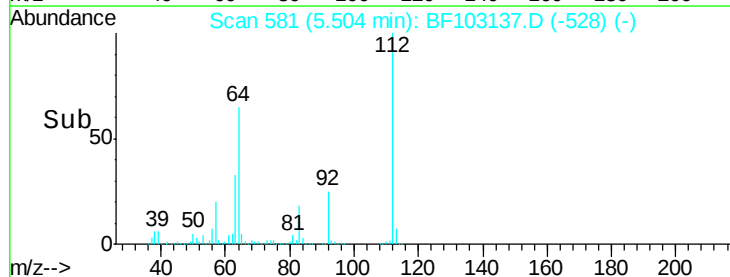
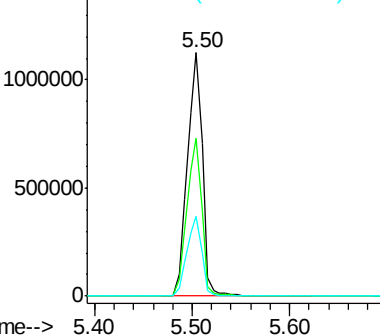
#5

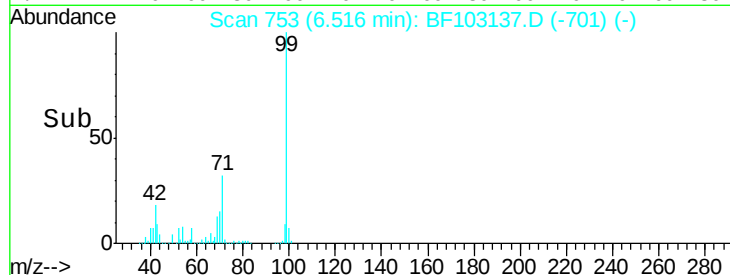
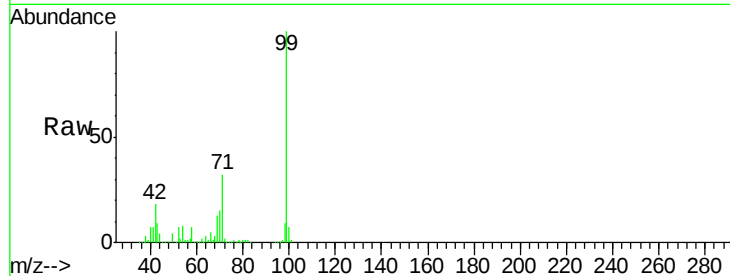
2-Fluorophenol
Concen: 99.456 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF103137.D
Acq: 21 Feb 2018 15:38

Tgt Ion:112 Resp: 1209216
Ion Ratio Lower Upper
112 100
64 64.9 47.9 71.9
63 32.6 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: 98.051 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF103137.D

Acq: 21 Feb 2018 15:38

Instrument :

BNA_F

ClientSampleId :

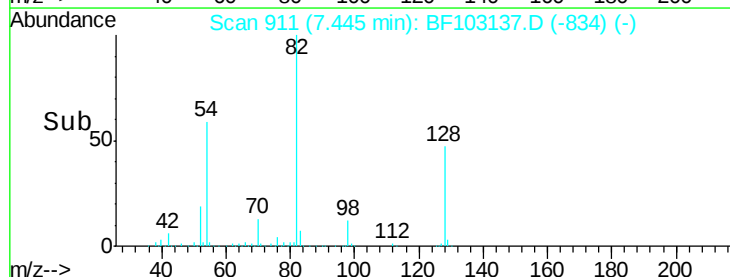
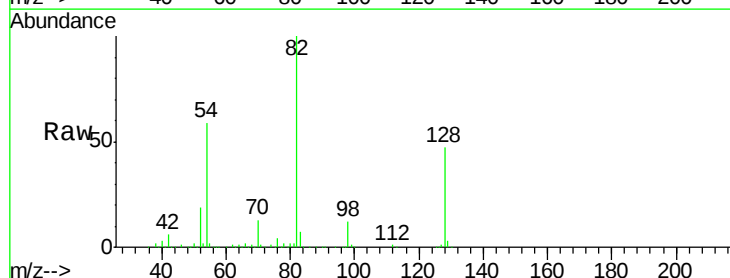
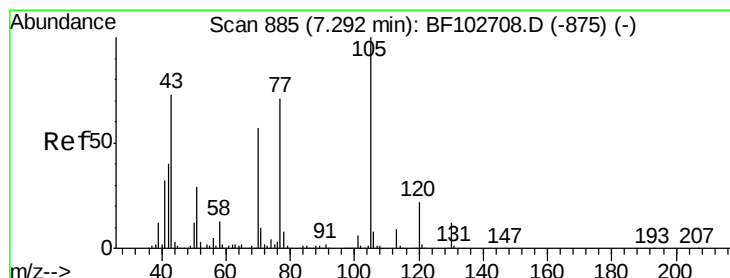
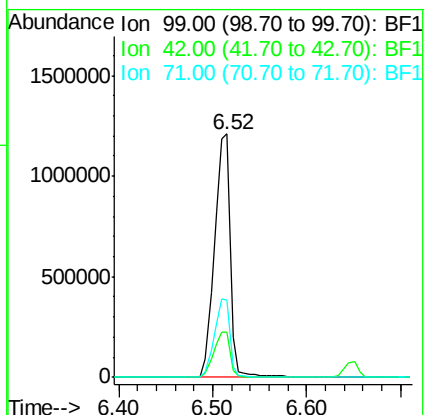
Tot Ion: 99 Resp: 1435407

Ion Ratio Lower Upper

99 100

42 18.4 14.5 21.7

71 31.8 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 12.597 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.15 min

Lab File: BF103137.D

Acq: 21 Feb 2018 15:38

Tgt Ion: 70 Resp: 121583

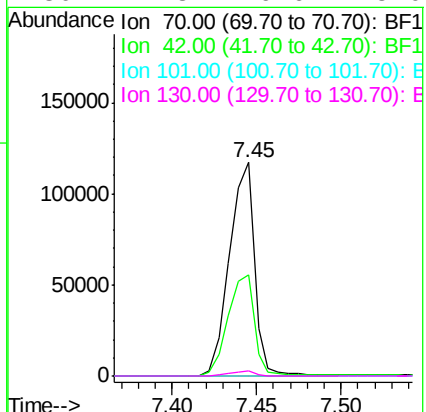
Ion Ratio Lower Upper

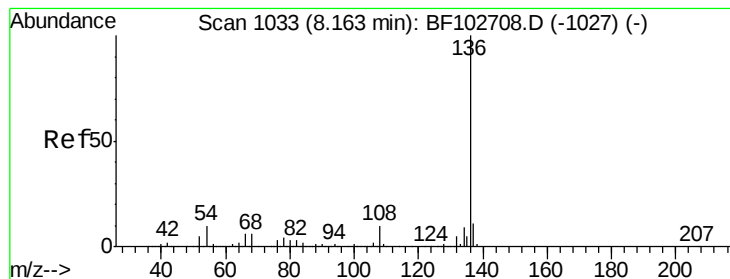
70 100

42 47.4 47.5 71.3#

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF103137.D

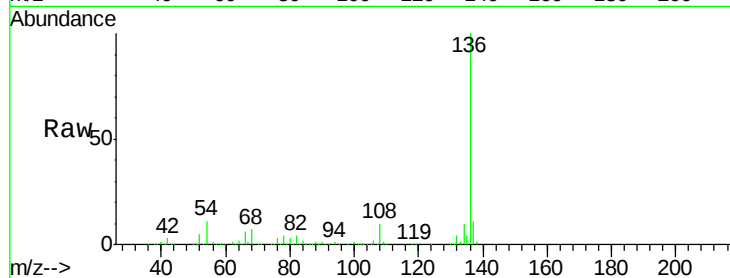
Acq: 21 Feb 2018 15:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	747311
Ion Ratio	Lower	Upper
136	100	
137	11.4	8.9 13.3
54	10.6	6.6 9.8#
68	7.3	5.0 7.4

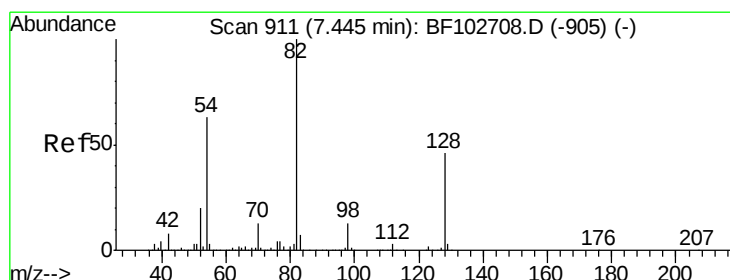
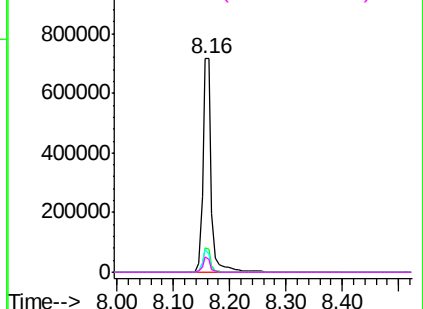
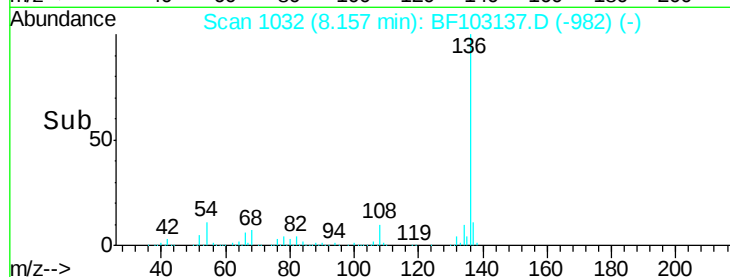


Abundance Ion 136.00 (135.70 to 136.70): E

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: 86.081 ng

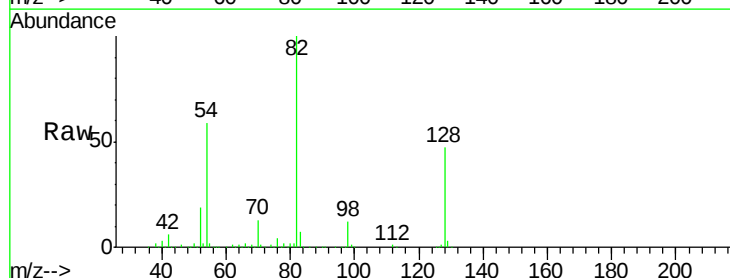
RT: 7.45 min Scan# 911

Delta R.T. -0.00 min

Lab File: BF103137.D

Acq: 21 Feb 2018 15:38

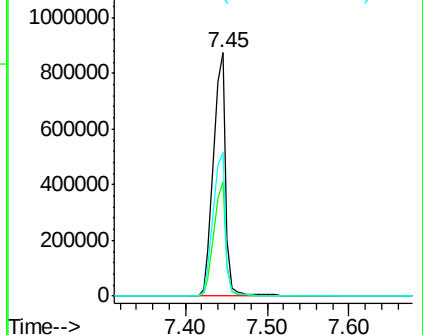
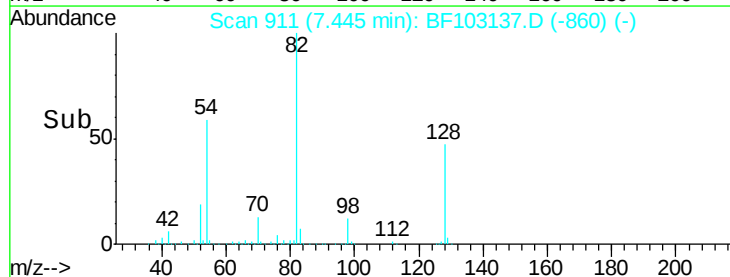
Tgt Ion: 82	Resp:	927333
Ion Ratio	Lower	Upper
82	100	
128	47.2	36.1 54.1
54	58.9	41.4 62.2



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: 37.383 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.25 min

Lab File: BF103137.D

Acq: 21 Feb 2018 15:38

Instrument :

BNA_F

ClientSampleId :

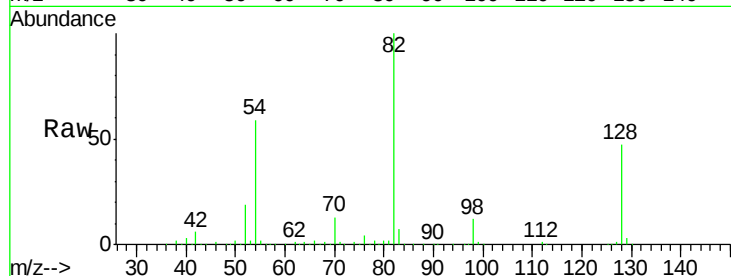
Tot Ion: 82 Resp: 927327

Ion Ratio Lower Upper

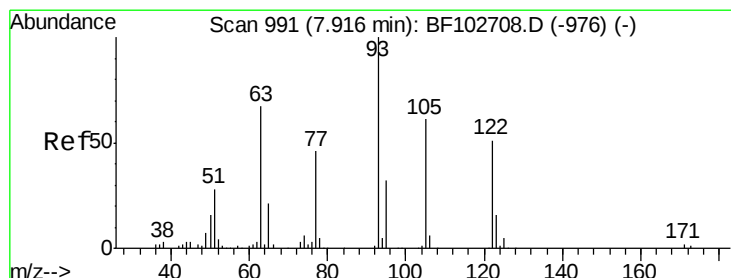
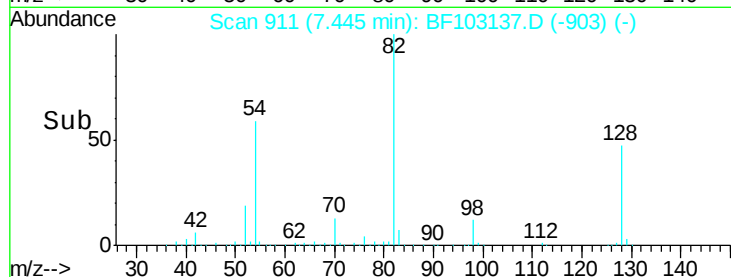
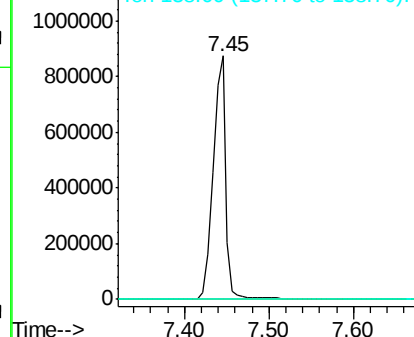
82 100

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



#32

Benzoic acid

Concen: 8.589 ng

RT: 7.96 min Scan# 998

Delta R.T. 0.01 min

Lab File: BF103137.D

Acq: 21 Feb 2018 15:38

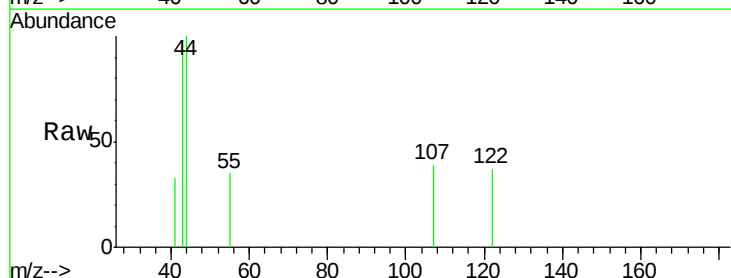
Tgt Ion: 122 Resp: 350

Ion Ratio Lower Upper

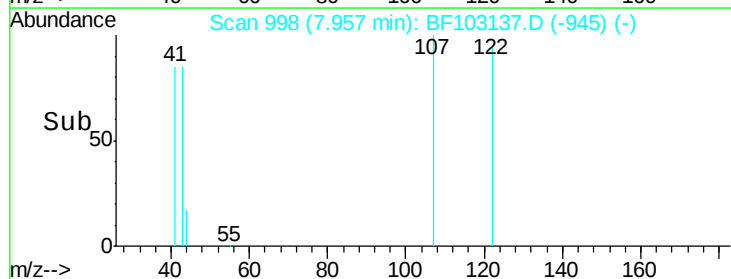
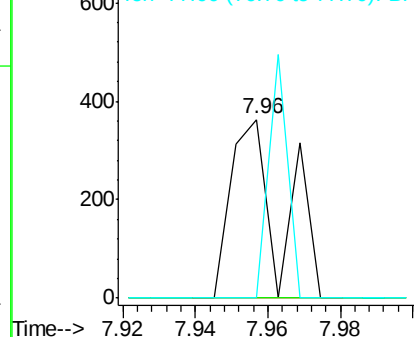
122 100

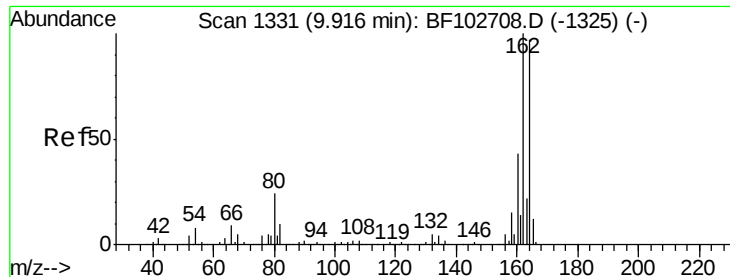
105 0.0 101.1 141.1#

77 0.0 70.7 110.7#



Abundance Ion 122.00 (121.70 to 122.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

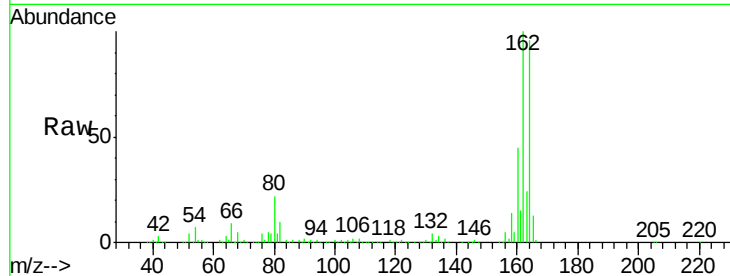




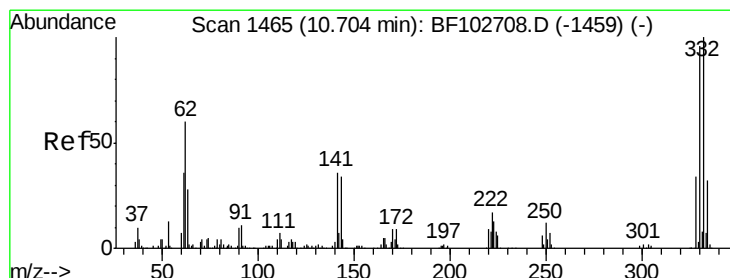
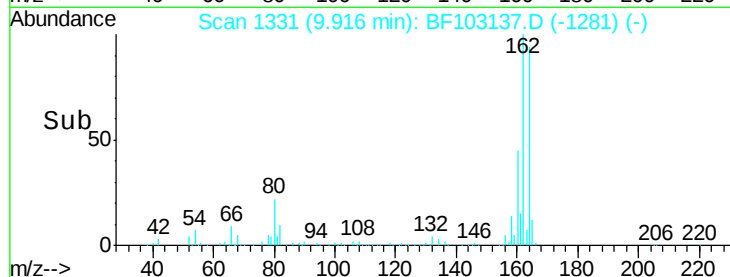
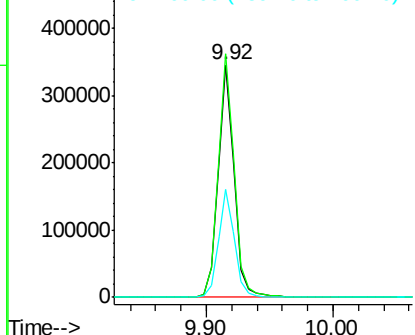
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF103137.D
 Acq: 21 Feb 2018 15:38

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:164 Resp: 308461
 Ion Ratio Lower Upper
 164 100
 162 104.7 86.1 129.1
 160 46.6 38.3 57.5

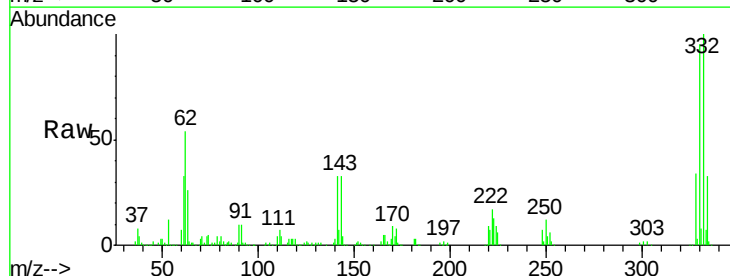


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

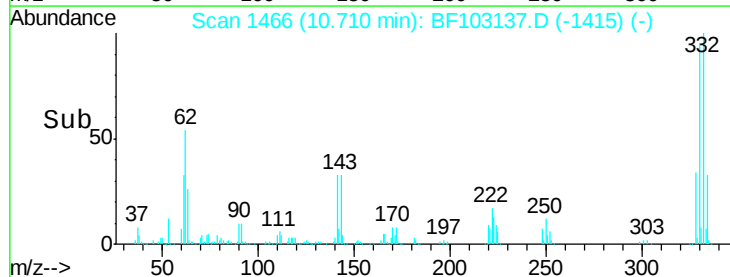
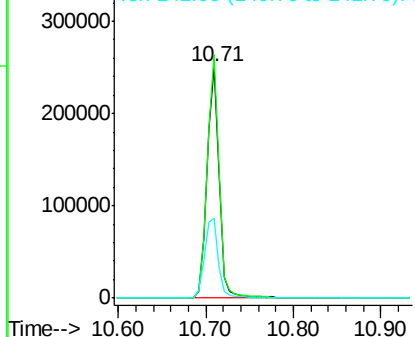


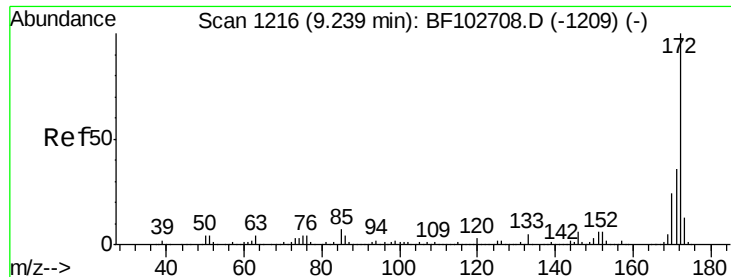
#41
 2,4,6-Tribromophenol
 Concen: 98.517 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF103137.D
 Acq: 21 Feb 2018 15:38

Tgt Ion:330 Resp: 244594
 Ion Ratio Lower Upper
 330 100
 332 102.4 77.0 115.6
 141 39.1 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



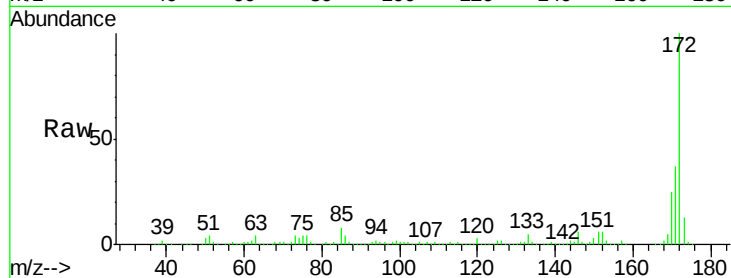


#44
 2-Fluorobiphenyl
 Concen: 74.592 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF103137.D
 Acq: 21 Feb 2018 15:38

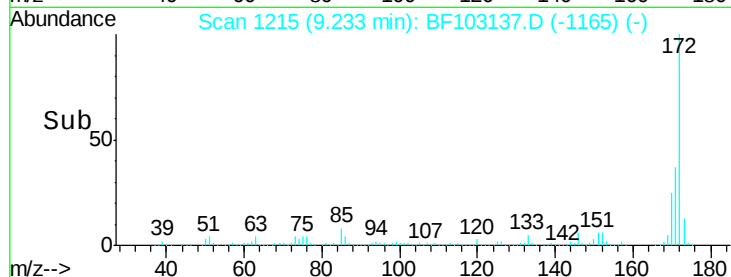
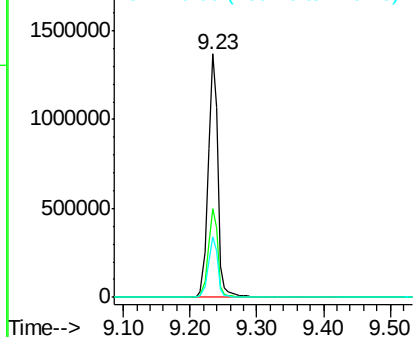
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1386607

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.8	19.6	29.4



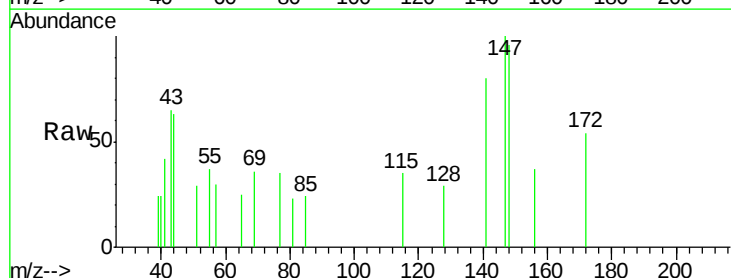
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



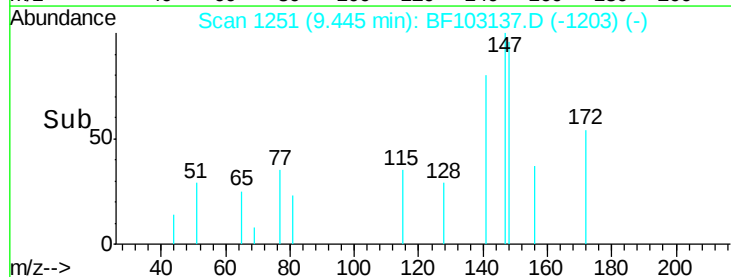
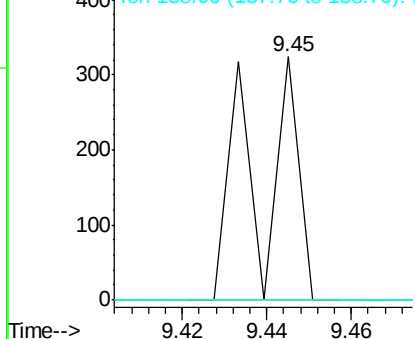
#47
 2-Nitroaniline
 Concen: 3.506 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. -0.02 min
 Lab File: BF103137.D
 Acq: 21 Feb 2018 15:38

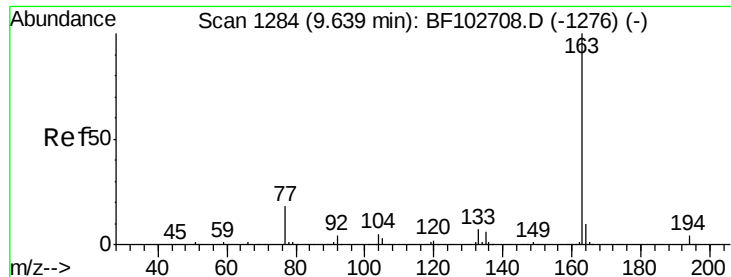
Tgt Ion: 65 Resp: 227

Ion	Ratio	Lower	Upper
65	100		
92	0.0	55.8	83.6#
138	0.0	91.2	136.8#



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

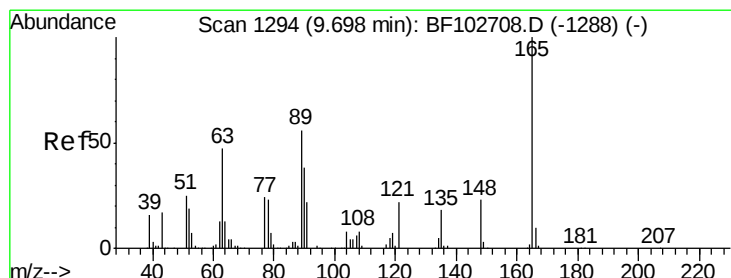
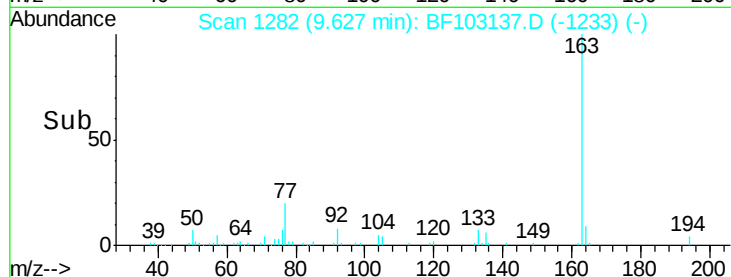
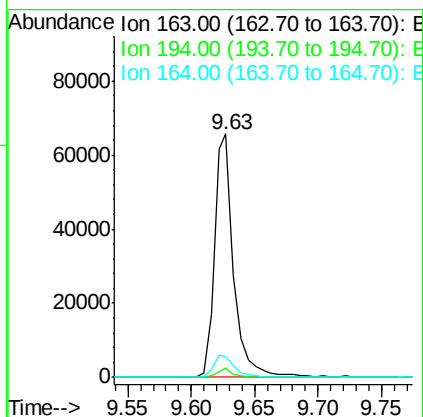
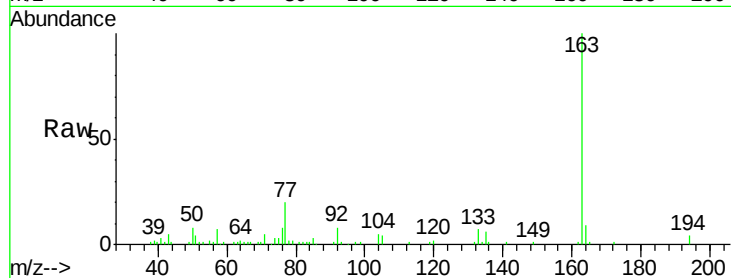




#49
Dimethylphthalate
Concen: 2.902 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF103137.D
Acq: 21 Feb 2018 15:38

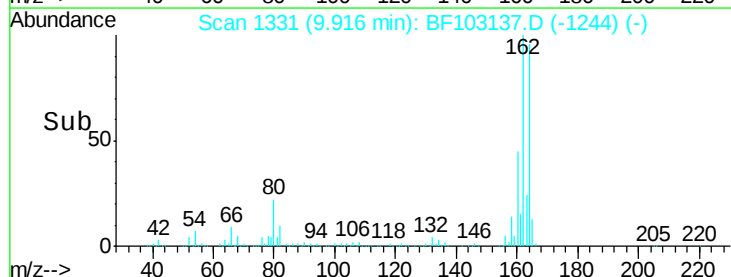
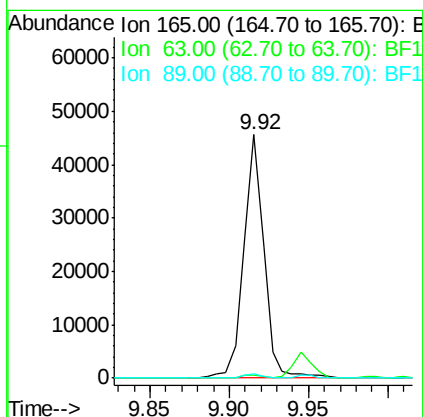
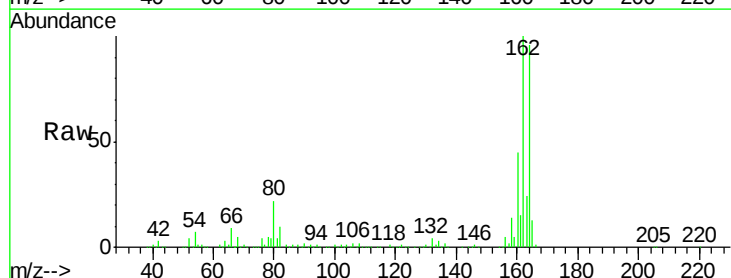
Instrument :
BNA_F
ClientSampleId :

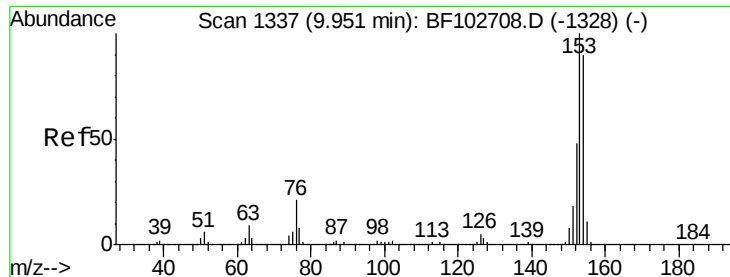
Tot Ion:163 Resp: 69791
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 8.7 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 8.810 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.21 min
Lab File: BF103137.D
Acq: 21 Feb 2018 15:38

Tgt Ion:165 Resp: 40315
Ion Ratio Lower Upper
165 100
63 1.4 44.7 67.1#
89 1.7 44.0 66.0#





#51

Acenaphthene

Concen: 2.149 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BF103137.D

Acq: 21 Feb 2018 15:38

Instrument :

BNA_F

ClientSampleId :

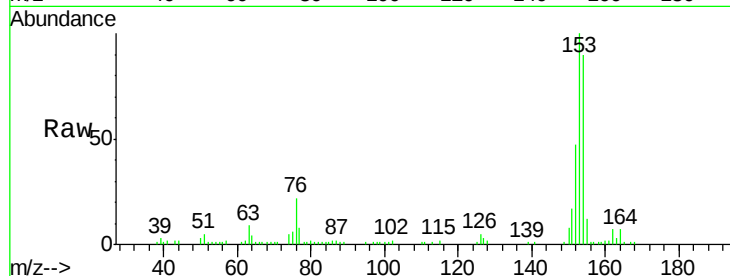
Tot Ion:154 Resp: 40835

Ion Ratio Lower Upper

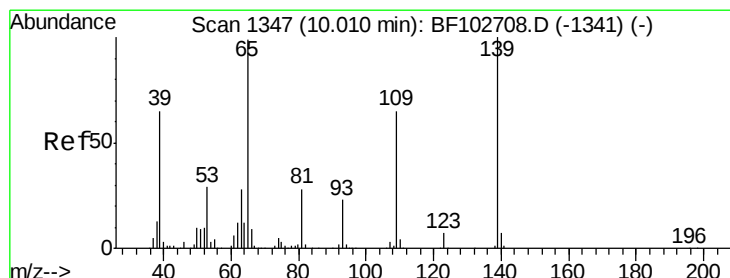
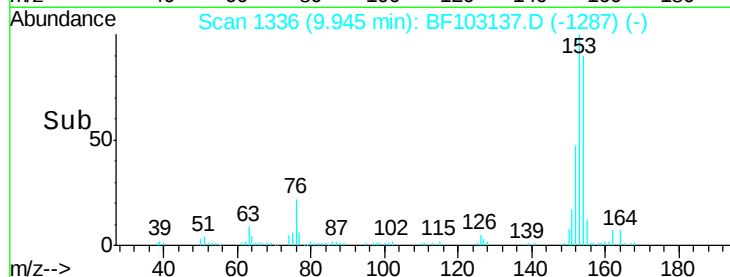
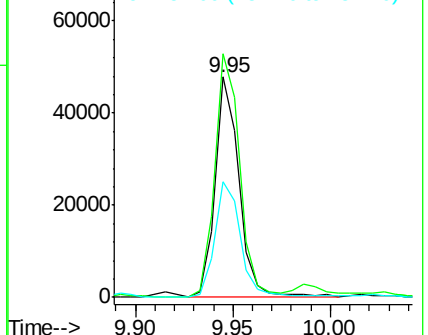
154 100

153 110.7 91.2 136.8

152 52.4 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



#55

4-Nitrophenol

Concen: 6.366 ng

RT: 10.12 min Scan# 1366

Delta R.T. 0.09 min

Lab File: BF103137.D

Acq: 21 Feb 2018 15:38

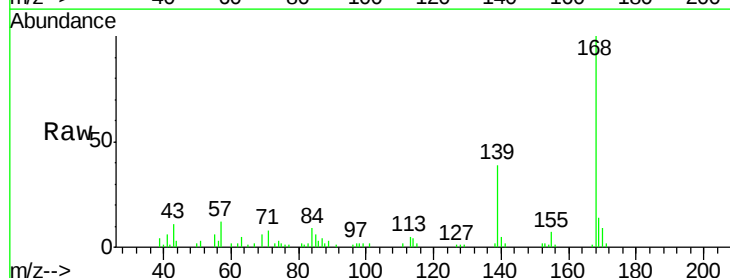
Tgt Ion:139 Resp: 11412

Ion Ratio Lower Upper

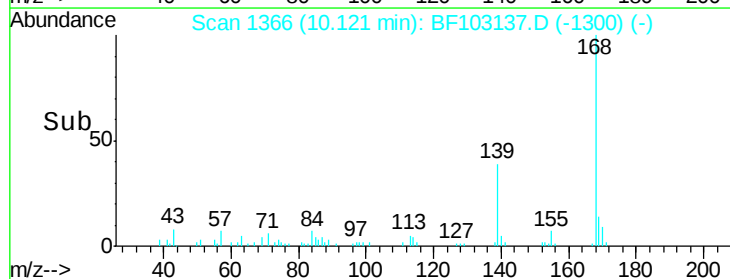
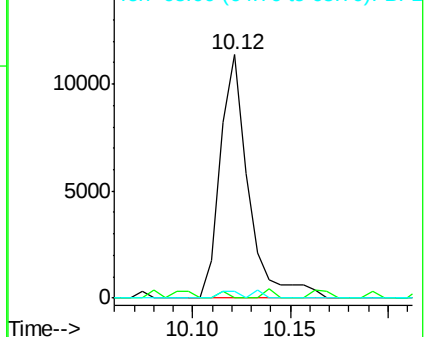
139 100

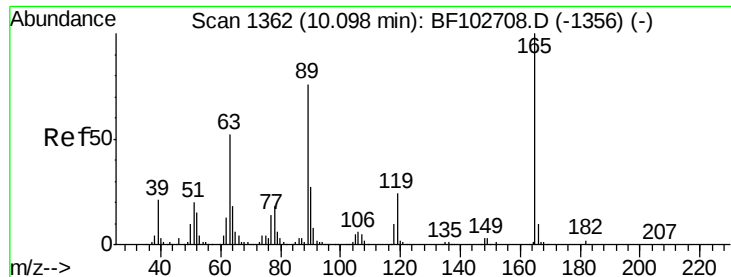
109 0.0 48.4 88.4#

65 2.9 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

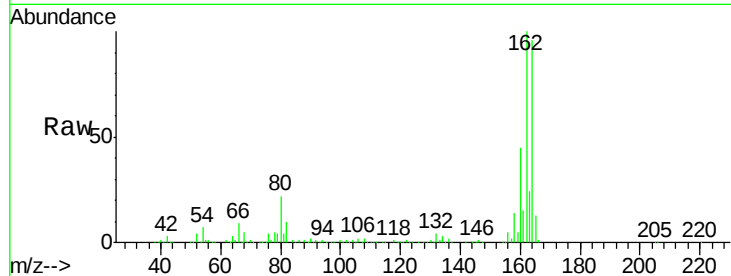




#56
2,4-Dinitrotoluene
Concen: 9.224 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF103137.D
Acq: 21 Feb 2018 15:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#

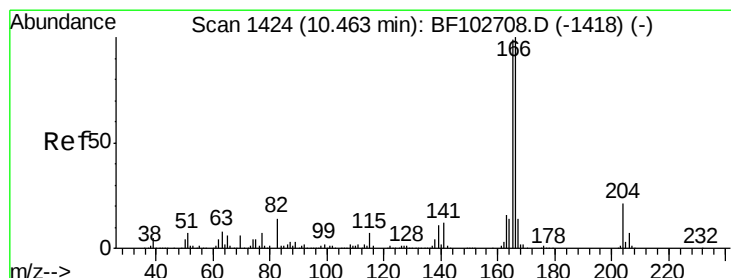
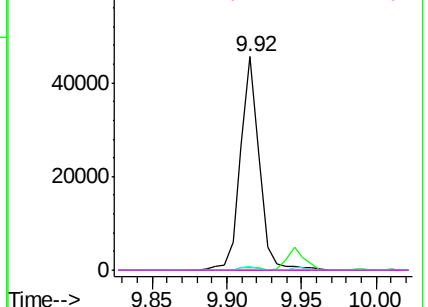
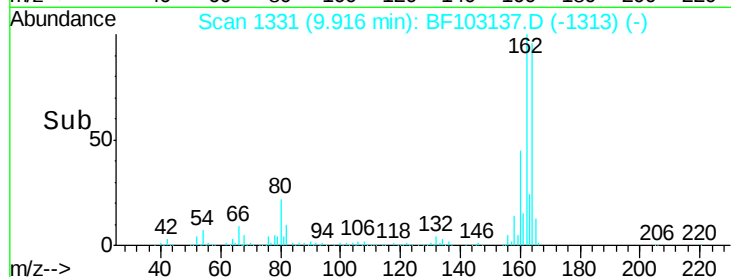


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

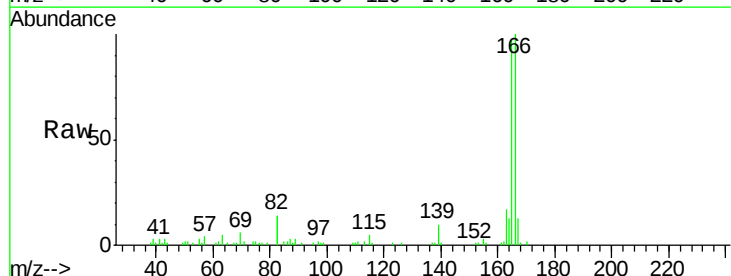
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 2.378 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF103137.D
Acq: 21 Feb 2018 15:38

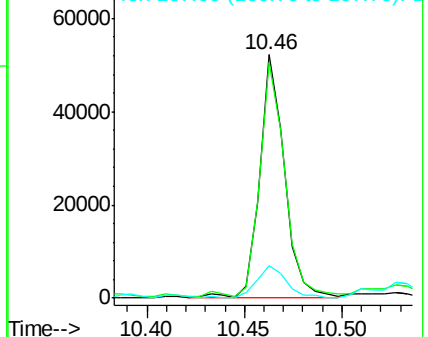
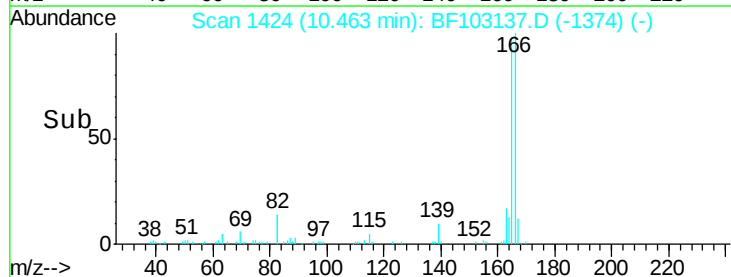
Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.9	79.8	119.8
167	13.2	10.6	16.0

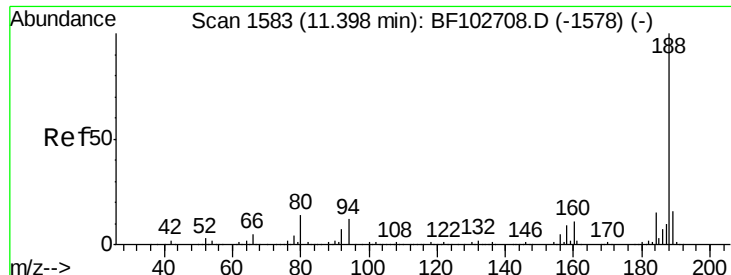


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

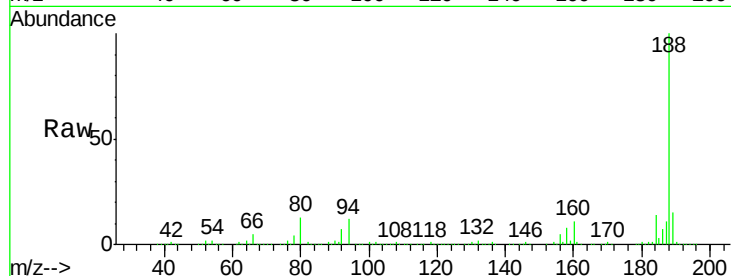




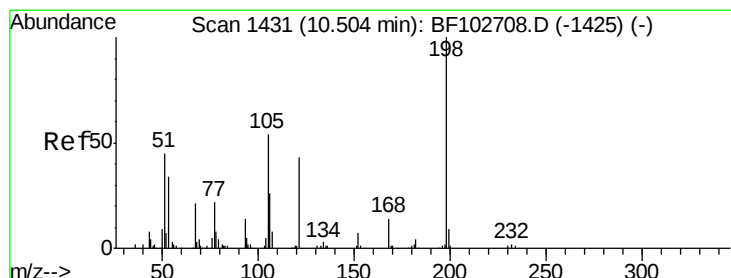
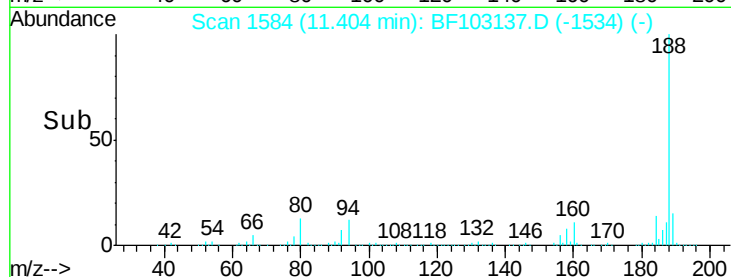
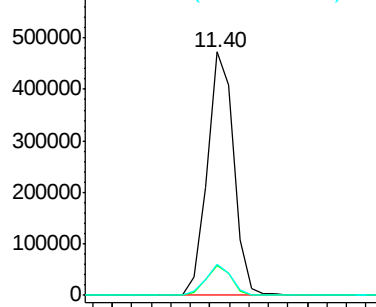
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF103137.D
Acq: 21 Feb 2018 15:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 445256
Ion Ratio Lower Upper
188 100
94 12.1 8.5 12.7
80 12.9 9.2 13.8

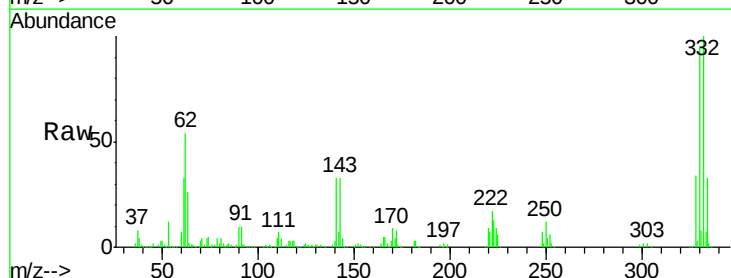


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

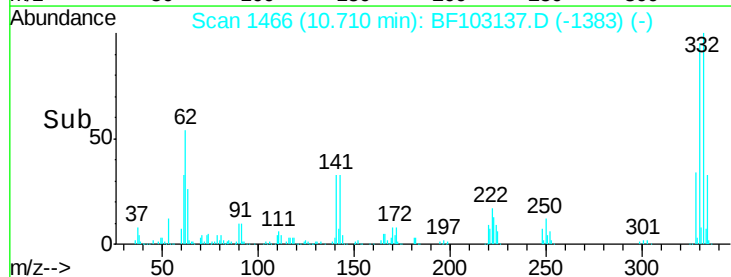
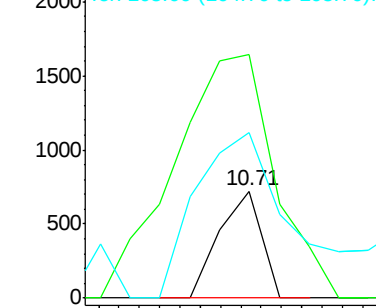


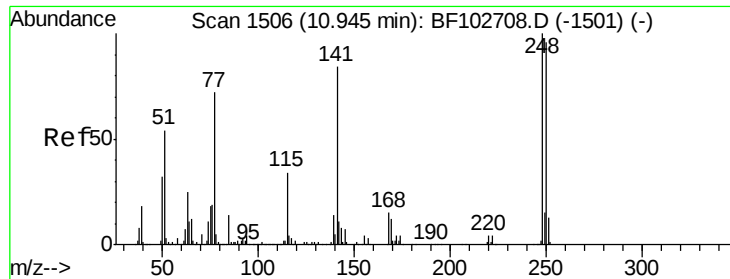
#64
4,6-Dinitro-2-methylphenol
Concen: 9.001 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.19 min
Lab File: BF103137.D
Acq: 21 Feb 2018 15:38

Tgt Ion:198 Resp: 418
Ion Ratio Lower Upper
198 100
51 227.2 37.7 77.7#
105 154.1 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

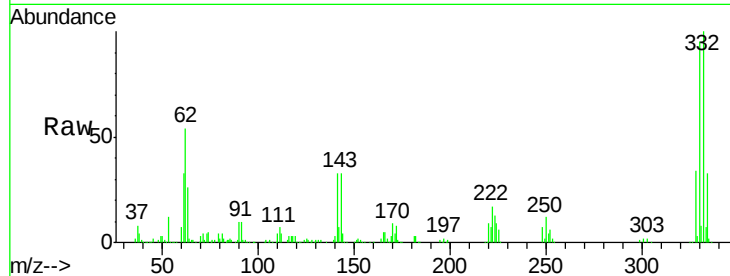




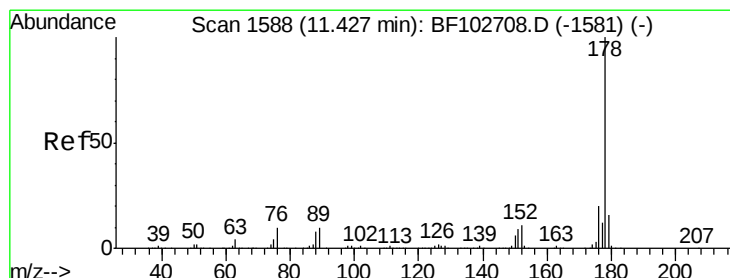
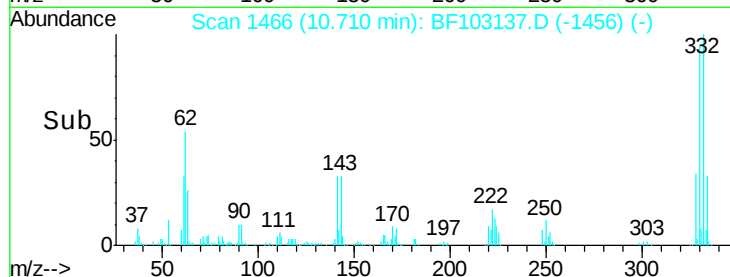
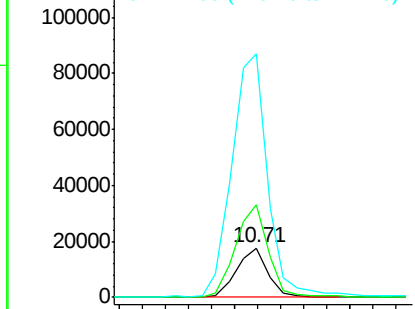
#66
 4-Bromophenyl-phenylether
 Concen: 3.524 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.24 min
 Lab File: BF103137.D
 Acq: 21 Feb 2018 15:38

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 16598
 Ion Ratio Lower Upper
 248 100
 250 187.7 76.9 115.3#
 141 496.0 74.4 111.6#

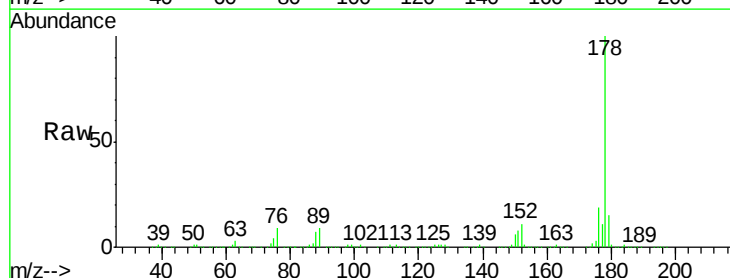


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

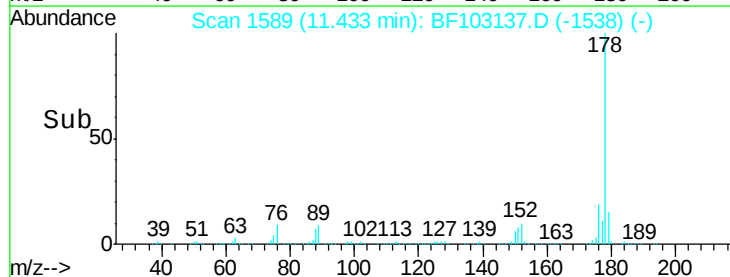
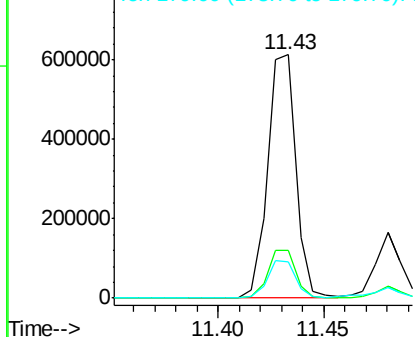


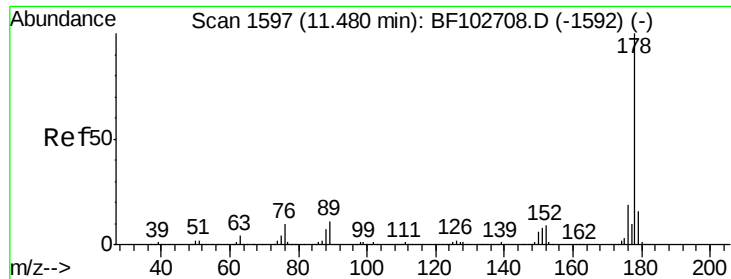
#70
 Phenanthrene
 Concen: 23.013 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. -0.00 min
 Lab File: BF103137.D
 Acq: 21 Feb 2018 15:38

Tgt Ion:178 Resp: 570684
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.8
 179 14.9 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

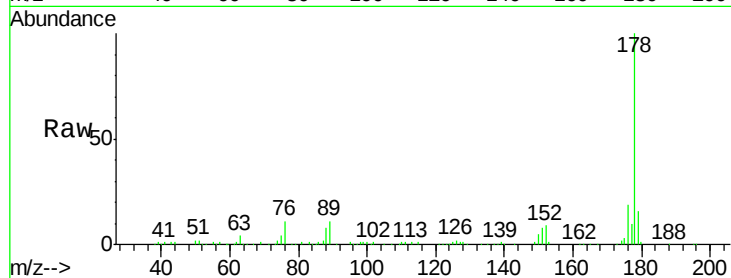




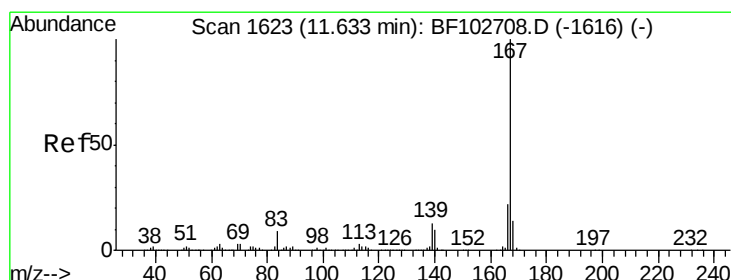
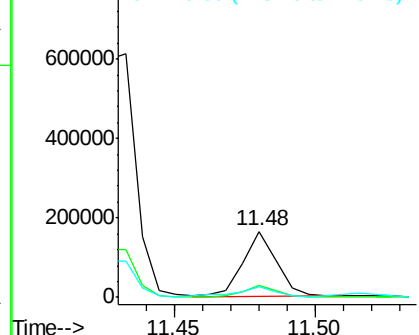
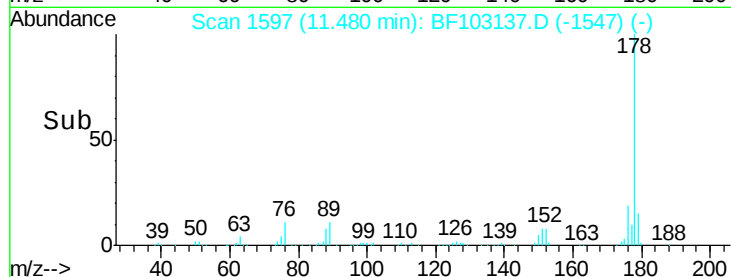
#71
 Anthracene
 Concen: 5.266 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF103137.D
 Acq: 21 Feb 2018 15:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 132814
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.5 12.6 19.0

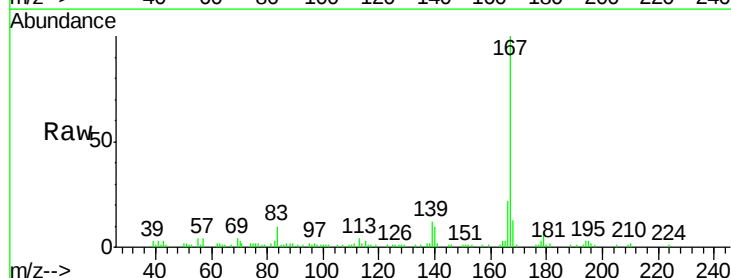


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

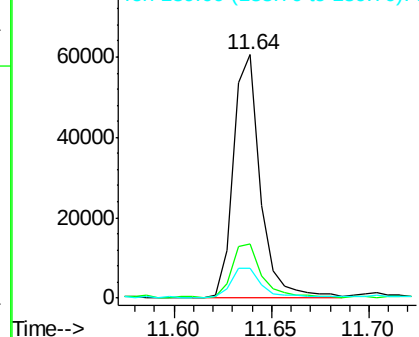
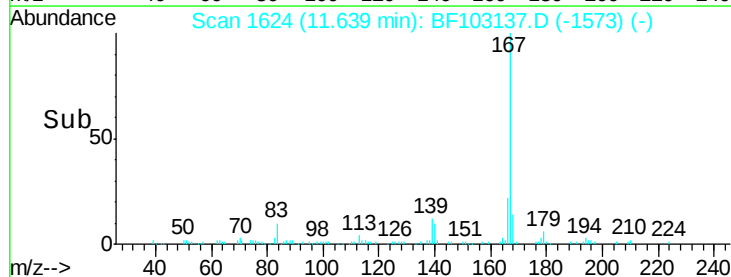


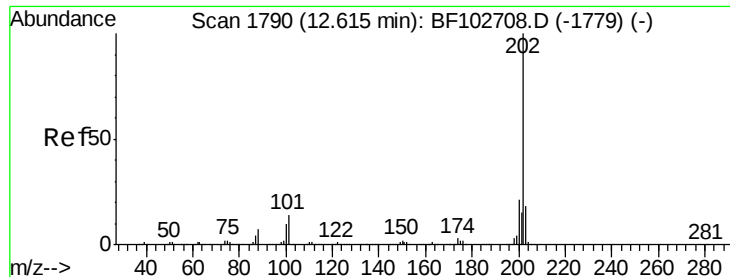
#72
 Carbazole
 Concen: 2.369 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.00 min
 Lab File: BF103137.D
 Acq: 21 Feb 2018 15:38

Tgt Ion:167 Resp: 58537
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 12.2 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: 24.519 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF103137.D

Acq: 21 Feb 2018 15:38

Instrument :

BNA_F

ClientSampleId :

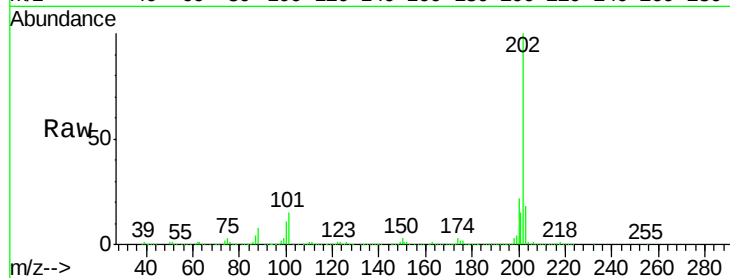
Tot Ion:202 Resp: 611749

Ion Ratio Lower Upper

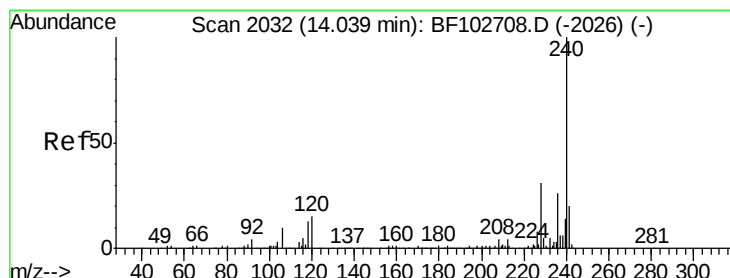
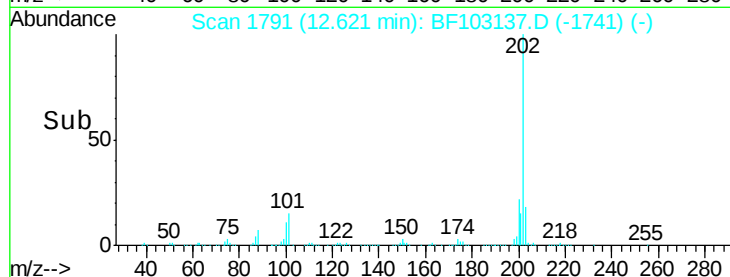
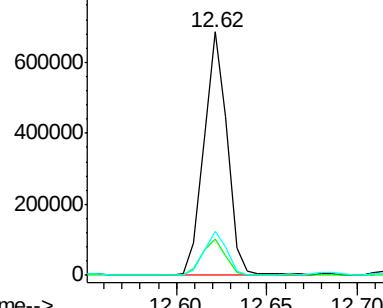
202 100

101 15.1 0.0 34.1

203 18.1 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: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF103137.D

Acq: 21 Feb 2018 15:38

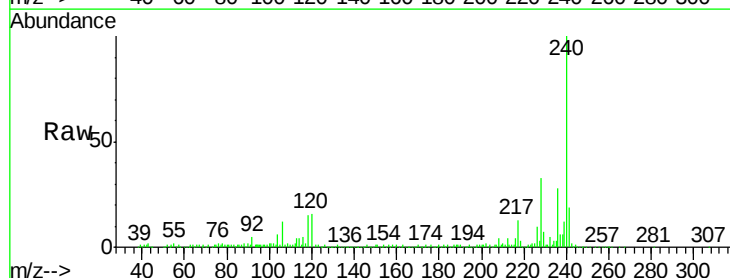
Tgt Ion:240 Resp: 307790

Ion Ratio Lower Upper

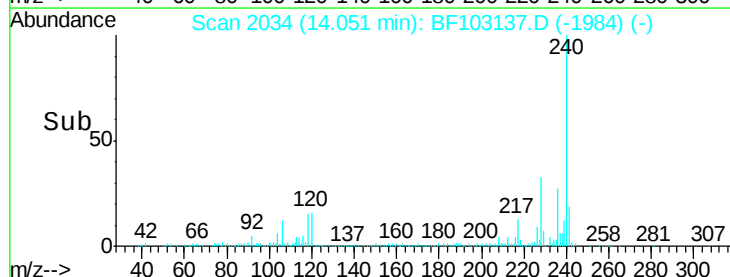
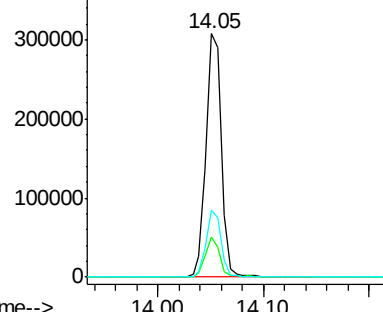
240 100

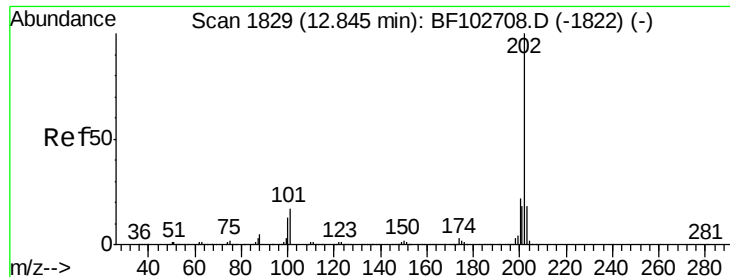
120 16.4 9.5 14.3#

236 27.6 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

Pvrene

Concen: 23.768 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF103137.D

Acq: 21 Feb 2018 15:38

Instrument :

BNA_F

ClientSampleId :

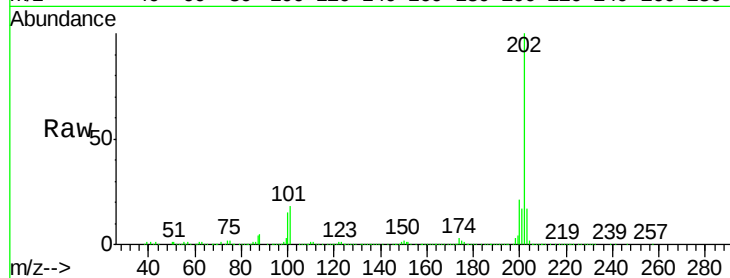
Tot Ion:202 Resp: 573661

Ion Ratio Lower Upper

202 100

200 21.4 17.4 26.2

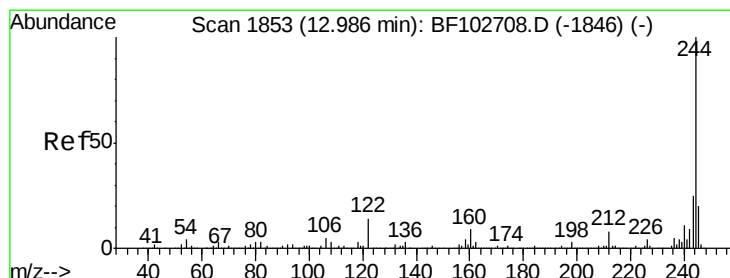
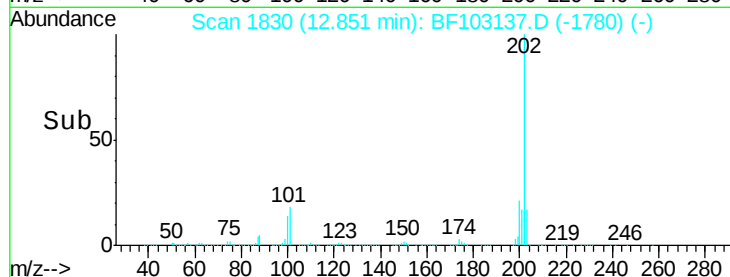
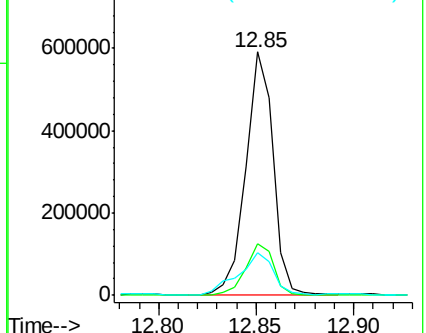
203 17.5 14.3 21.5



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: 70.969 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.00 min

Lab File: BF103137.D

Acq: 21 Feb 2018 15:38

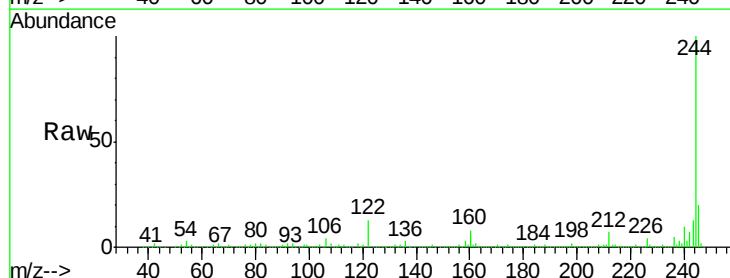
Tgt Ion:244 Resp: 922538

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

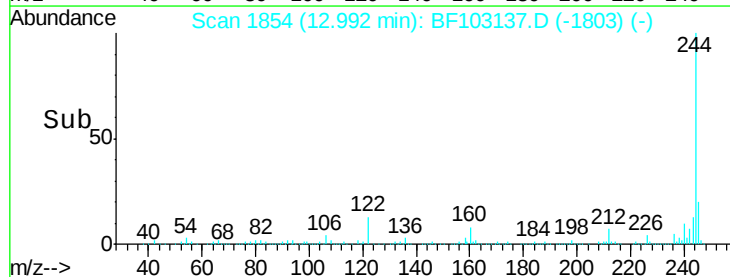
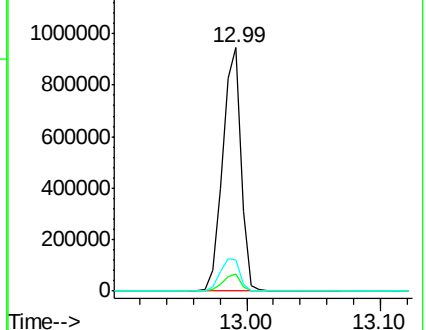
122 12.9 11.0 16.4

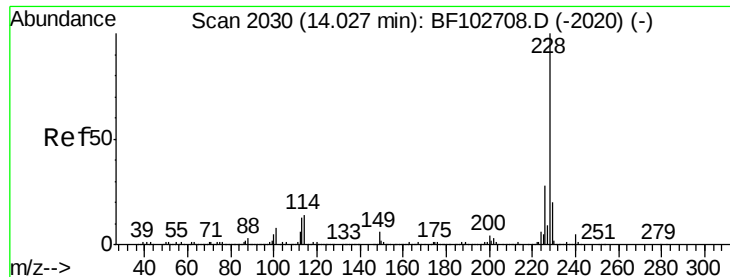


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 14.728 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF103137.D

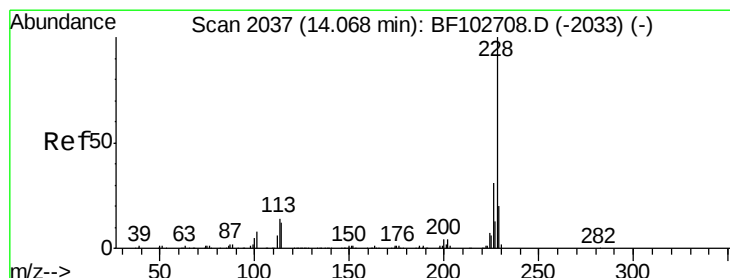
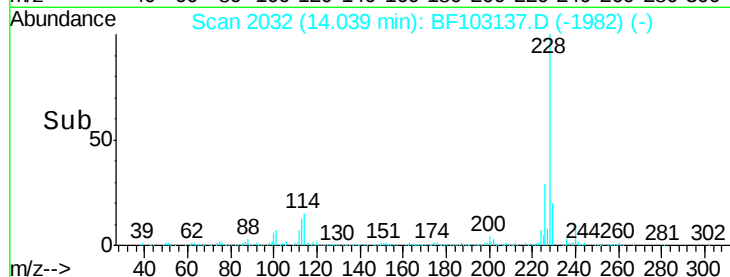
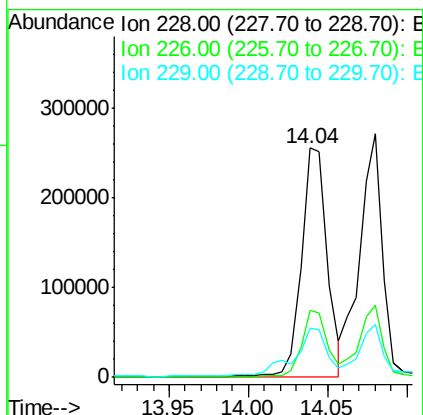
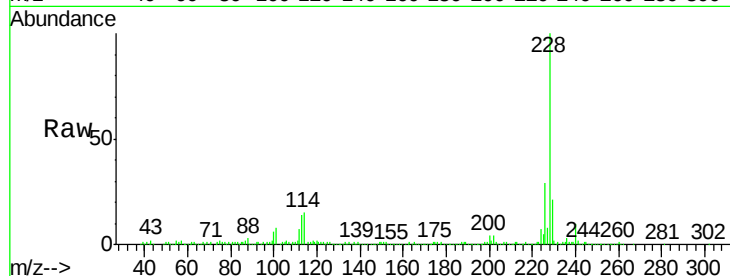
Acq: 21 Feb 2018 15:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:228	Resp:	285090
Ion	Ratio	Lower Upper
228	100	
226	29.3	22.6 33.8
229	21.5	15.8 23.6



#82

Chrysene

Concen: 14.096 ng

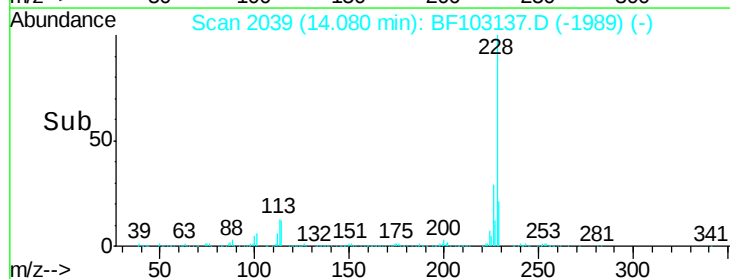
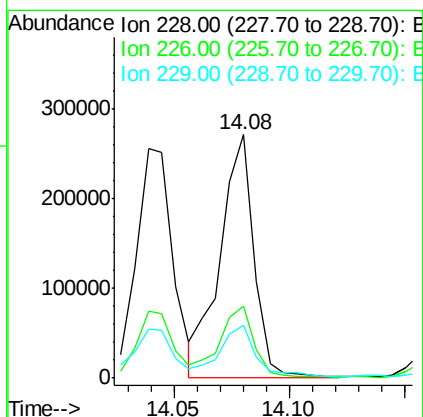
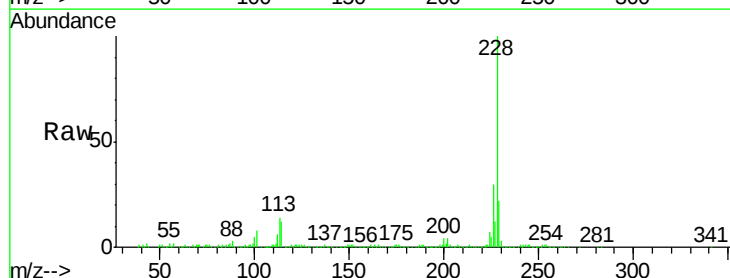
RT: 14.08 min Scan# 2039

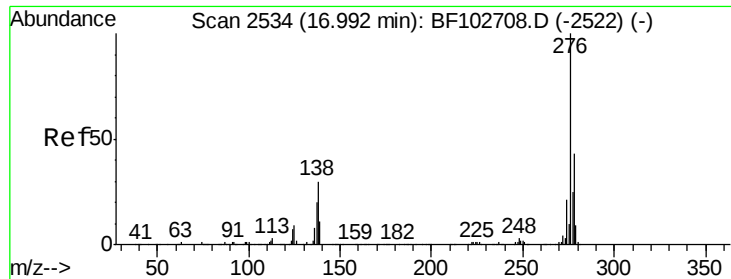
Delta R.T. -0.01 min

Lab File: BF103137.D

Acq: 21 Feb 2018 15:38

Tgt Ion:228	Resp:	275053
Ion	Ratio	Lower Upper
228	100	
226	29.6	25.0 37.6
229	21.6	16.2 24.4

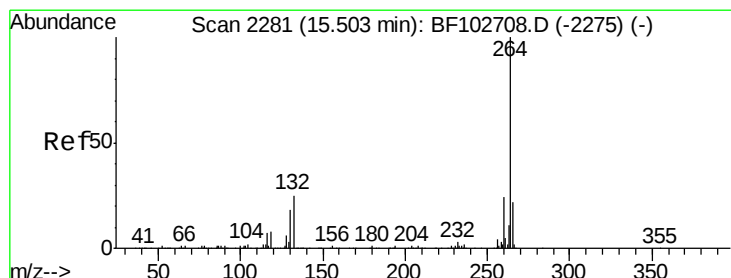
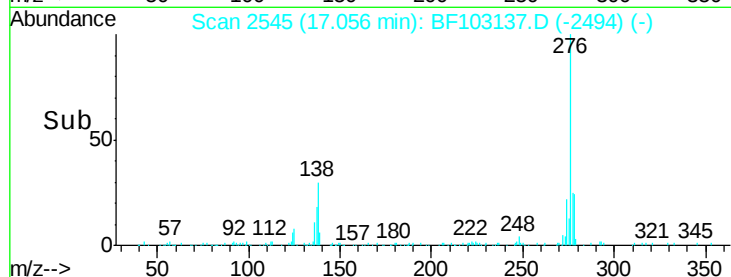
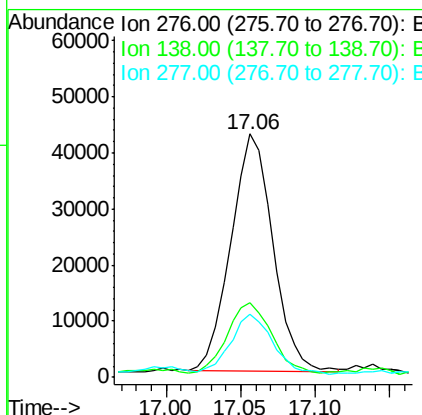
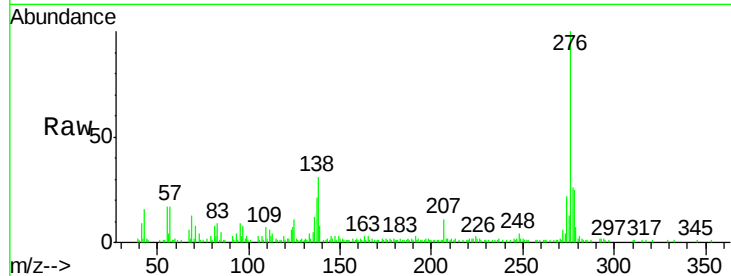




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 5.129 ng
 RT: 17.06 min Scan# 2545
 Delta R.T. -0.00 min
 Lab File: BF103137.D
 Acq: 21 Feb 2018 15:38

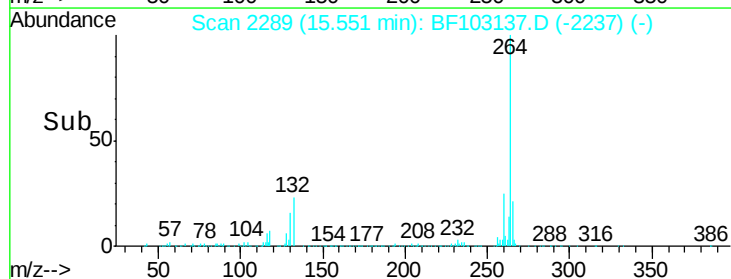
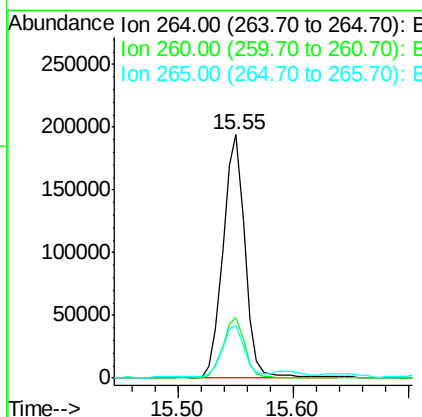
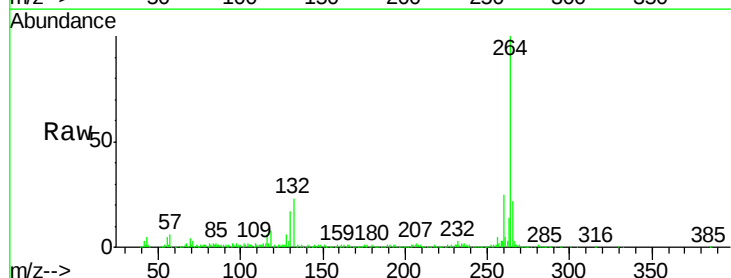
Instrument :
 BNA_F
 ClientSampleId :

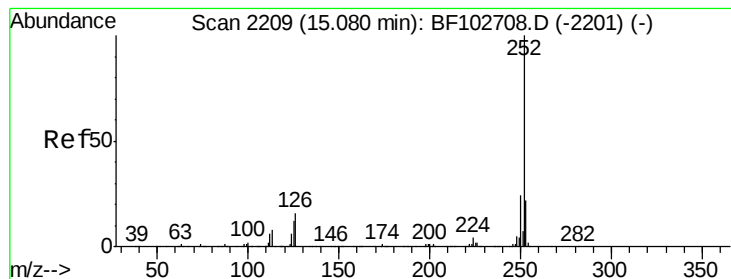
Tot Ion	Ratio	Lower	Upper
276	100		
138	31.2	25.0	37.6
277	25.2	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.55 min Scan# 2289
 Delta R.T. 0.01 min
 Lab File: BF103137.D
 Acq: 21 Feb 2018 15:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.2	28.8
265	21.8	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 22.116 ng

RT: 15.11 min Scan# 2214

Delta R.T. -0.00 min

Lab File: BF103137.D

Acq: 21 Feb 2018 15:38

Instrument :

BNA_F

ClientSampled :

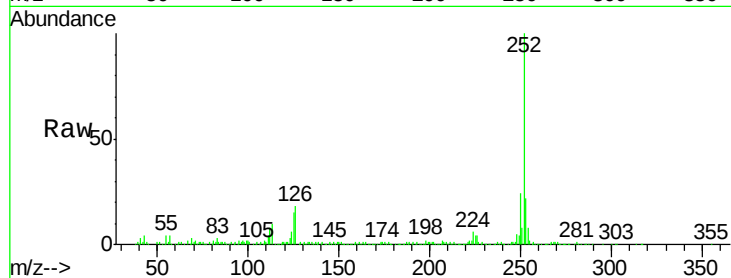
Tot Ion:252 Resp: 364968

Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.6

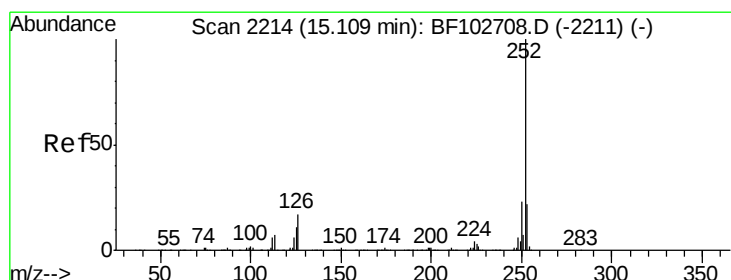
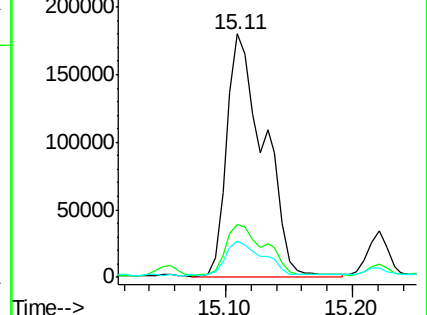
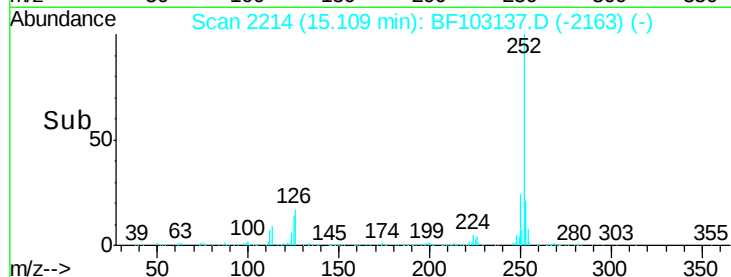
125 15.0 9.0 13.6#



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: 23.146 ng

RT: 15.11 min Scan# 2214

Delta R.T. -0.03 min

Lab File: BF103137.D

Acq: 21 Feb 2018 15:38

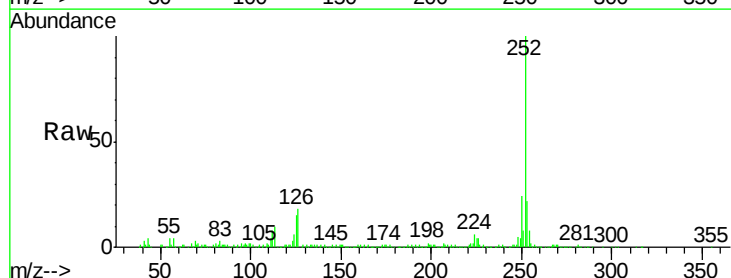
Tgt Ion:252 Resp: 364968

Ion Ratio Lower Upper

252 100

253 21.8 17.9 26.9

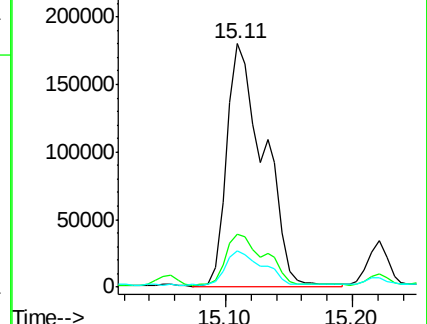
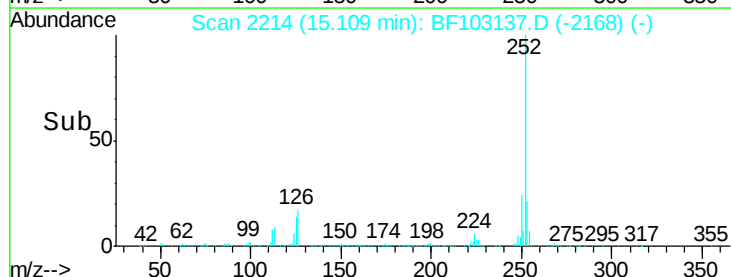
125 15.0 10.2 15.2

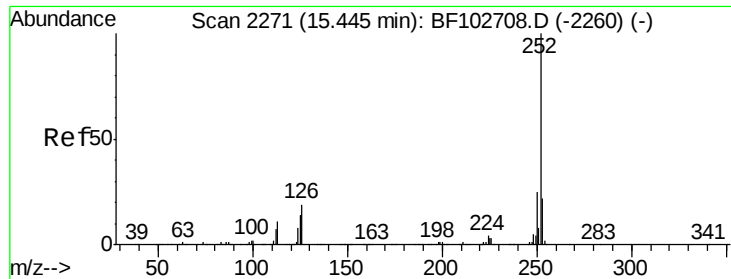


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

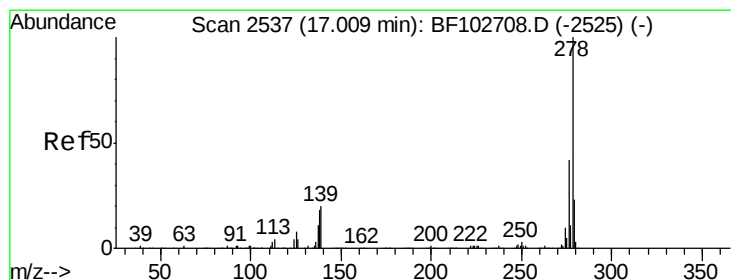
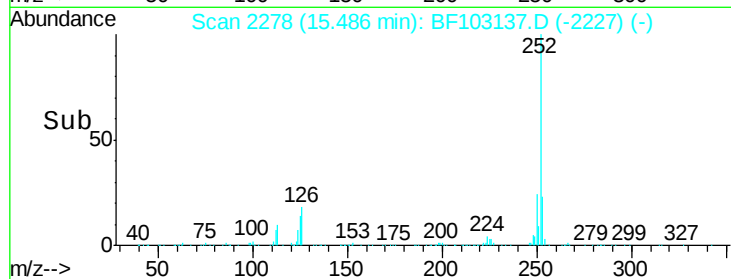
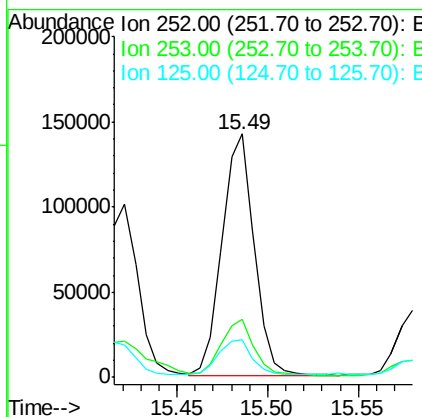
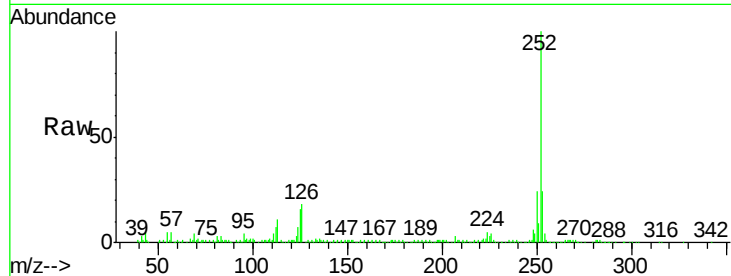




#89
Benzo(a)pyrene
Concen: 11.927 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.00 min
Lab File: BF103137.D
Acq: 21 Feb 2018 15:38

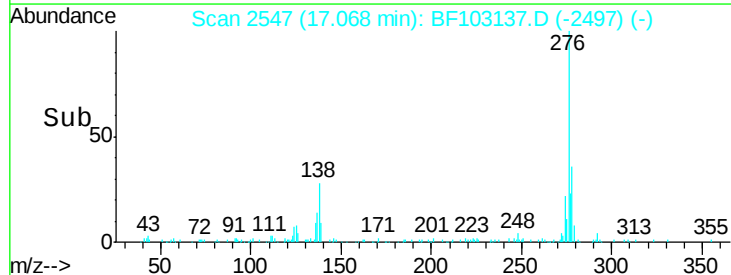
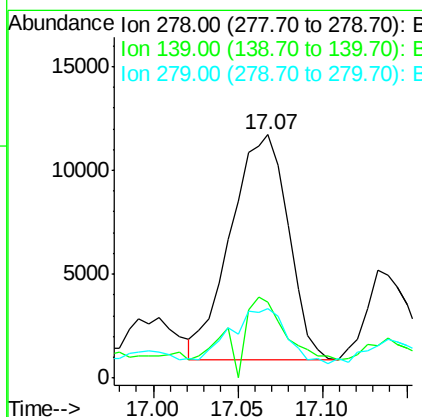
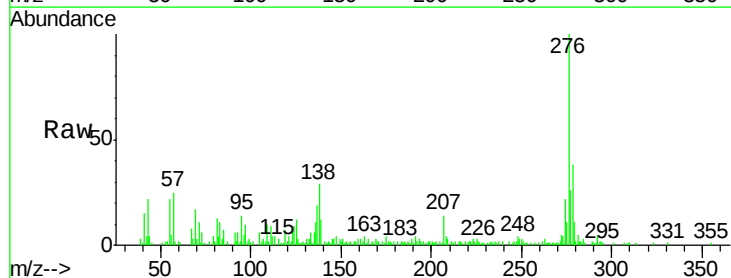
Instrument :
BNA_F
ClientSampleId :

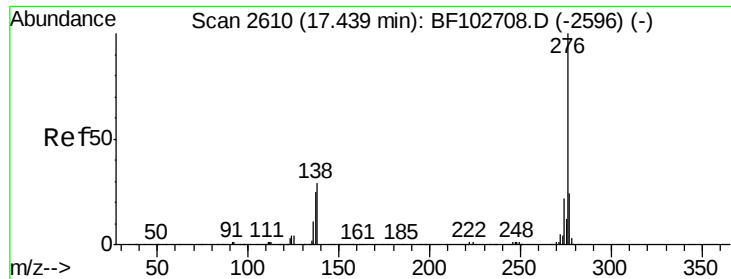
Tot Ion:252 Resp: 177162
Ion Ratio Lower Upper
252 100
253 23.8 17.1 25.7
125 15.6 9.8 14.6#



#90
Dibenzo(a,h)anthracene
Concen: 2.127 ng
RT: 17.07 min Scan# 2547
Delta R.T. -0.01 min
Lab File: BF103137.D
Acq: 21 Feb 2018 15:38

Tgt Ion:278 Resp: 25639
Ion Ratio Lower Upper
278 100
139 31.1 15.9 23.9#
279 28.5 19.0 28.4#

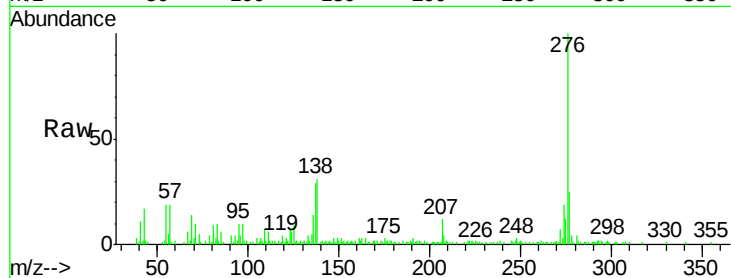




#91
 Benzo(a,h,i)perylene
 Concen: 6.786 ng
 RT: 17.52 min Scan# 2623
 Delta R.T. -0.01 min
 Lab File: BF103137.D
 Acq: 21 Feb 2018 15:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.6	17.9	26.9
138	30.7	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

