

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF032018\
 Data File : BF103834.D
 Acq On : 21 Mar 2018 6:28
 Operator : JU/SJ
 Sample : J1982-01DL 10X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 21 08:13:18 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 18:31:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	167405	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	668625	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	292857	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	451675	20.00	ng	0.00
75) Chrysene-d12	14.16	240	311747	20.00	ng	0.01
86) Perylene-d12	15.70	264	281238	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.58	112	110077	10.00	ng	0.00
7) Phenol-d6	6.57	99	137941	10.24	ng	-0.01
23) Nitrobenzene-d5	7.53	82	76557	7.98	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	23730	9.42	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	150023	8.17	ng	0.00
78) Terphenyl-d14	13.09	244	104512	7.78	ng	0.00

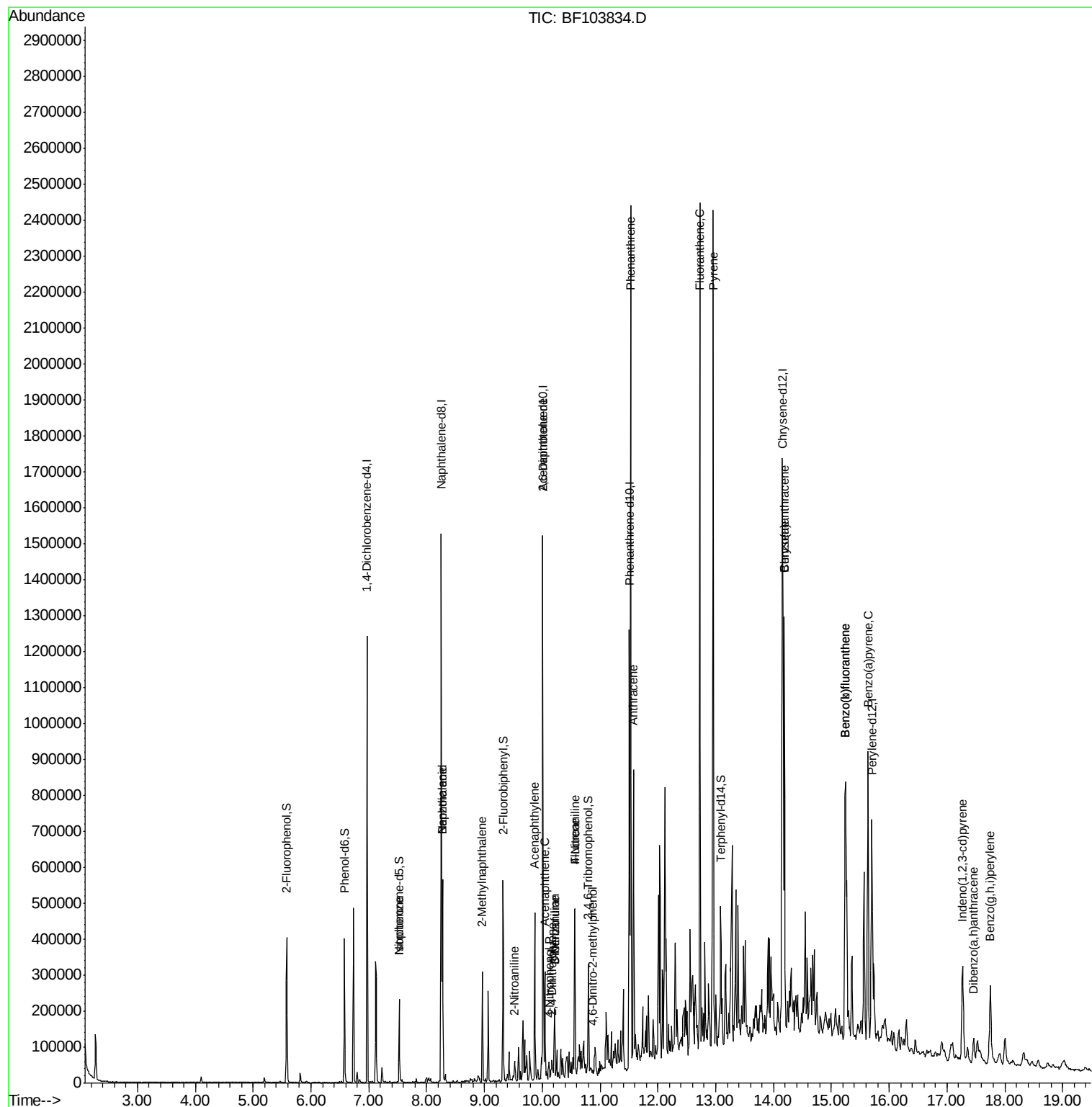
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
25) Isophorone	7.53	82	76556	3.449	ng	# 64
31) Naphthalene	8.27	128	213822	6.331	ng	98
32) Benzoic acid	8.27	122	369	9.949	ng	# 1
37) 2-Methylnaphthalene	8.96	142	76315	3.563	ng	98
47) 2-Nitroaniline	9.52	65	145	6.839	ng	# 2
48) Acenaphthylene	9.87	152	191022	6.351	ng	98
50) 2,6-Dinitrotoluene	10.01	165	41038	12.690	ng	# 25
51) Acenaphthene	10.05	154	54251	3.038	ng	99
52) 3-Nitroaniline	10.22	138	954	3.984	ng	# 2
54) Dibenzofuran	10.22	168	59263	2.323	ng	97
55) 4-Nitrophenol	10.11	139	982	5.195	ng	# 63
56) 2,4-Dinitrotoluene	10.17	165	2860	6.668	ng	# 39
57) Fluorene	10.56	166	144114	7.281	ng	98
61) 4-Nitroaniline	10.56	138	1302	3.990	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.87	198	113	8.190	ng	# 11
70) Phenanthrene	11.53	178	852869	34.518	ng	99
71) Anthracene	11.58	178	286678	11.424	ng	99
74) Fluoranthene	12.73	202	870477	34.197	ng	98
77) Pyrene	12.96	202	924381	40.376	ng	100
80) Benzo(a)anthracene	14.19	228	391989	19.864	ng	95
82) Chrysene	14.19	228	391989	20.838	ng	97
85) Indeno(1,2,3-cd)pyrene	17.27	276	173468	10.560	ng	95
87) Benzo(b)fluoranthene	15.24	252	595639	33.523	ng	# 96
88) Benzo(k)fluoranthene	15.24	252	595639	34.874	ng	99
89) Benzo(a)pyrene	15.63	252	363783	22.573	ng	96
90) Dibenzo(a,h)anthracene	17.46	278	44494	3.188	ng	98
91) Benzo(g,h,i)perylene	17.75	276	172246	12.688	ng	97

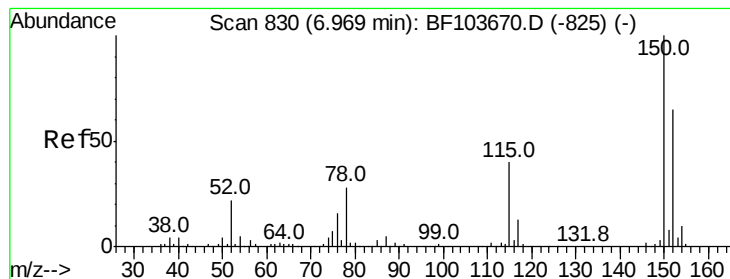
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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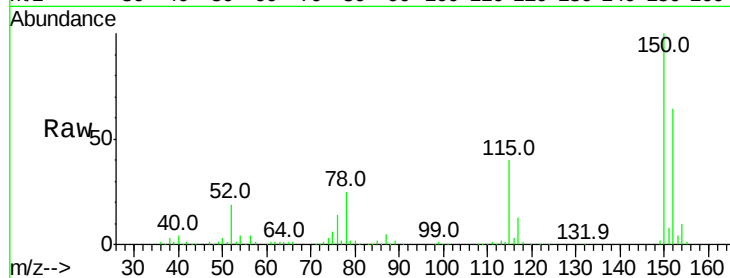


#1

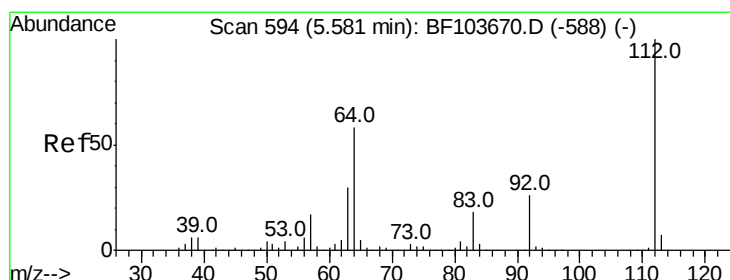
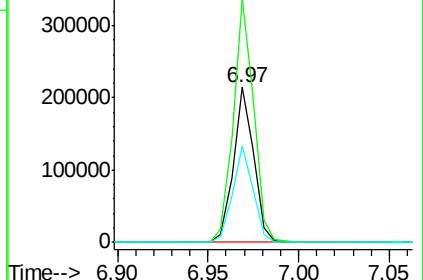
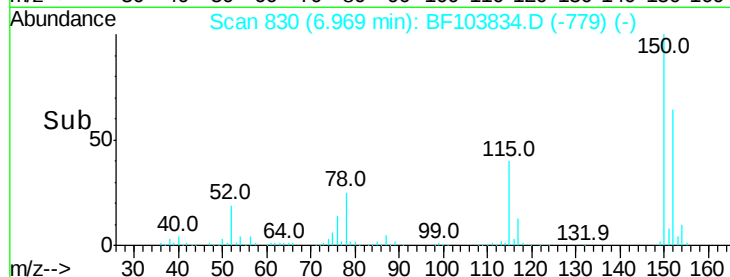
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF103834.D
Acq: 21 Mar 2018 6:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 167405
Ion Ratio Lower Upper
152 100
150 157.0 124.6 186.8
115 62.4 50.1 75.1



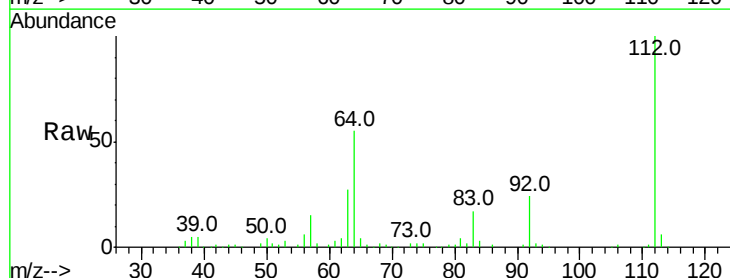
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



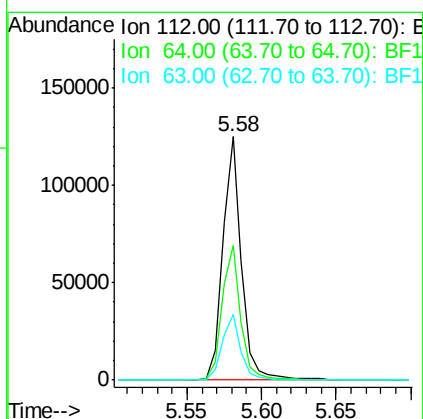
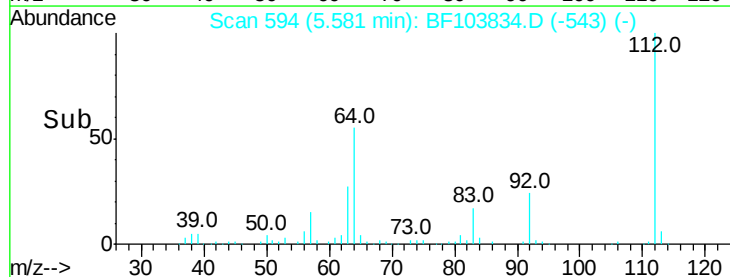
#5

2-Fluorophenol
Concen: 10.001 ng
RT: 5.58 min Scan# 594
Delta R.T. -0.00 min
Lab File: BF103834.D
Acq: 21 Mar 2018 6:28

Tgt Ion:112 Resp: 110077
Ion Ratio Lower Upper
112 100
64 55.2 47.9 71.9
63 27.2 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: 10.244 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF103834.D

Acq: 21 Mar 2018 6:28

Instrument :

BNA_F

ClientSampleId :

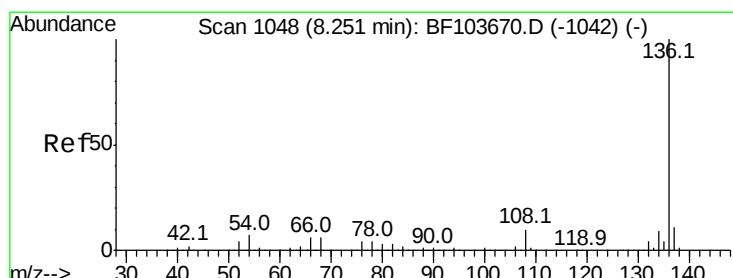
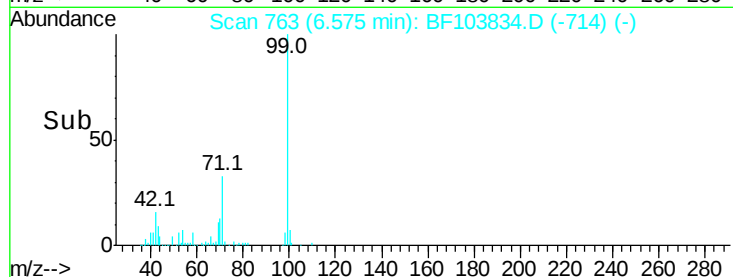
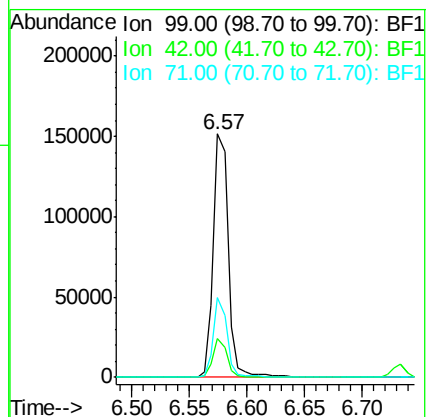
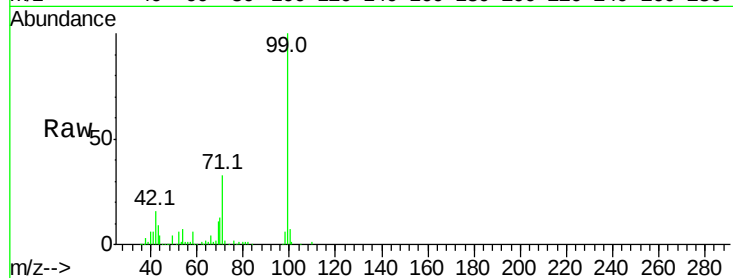
Tot Ion: 99 Resp: 137941

Ion Ratio Lower Upper

99 100

42 15.8 14.5 21.7

71 32.7 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BF103834.D

Acq: 21 Mar 2018 6:28

Tgt Ion: 136 Resp: 668625

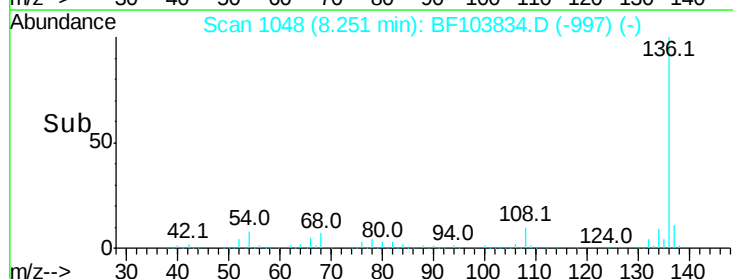
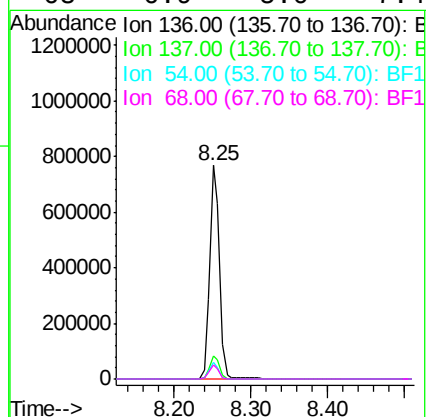
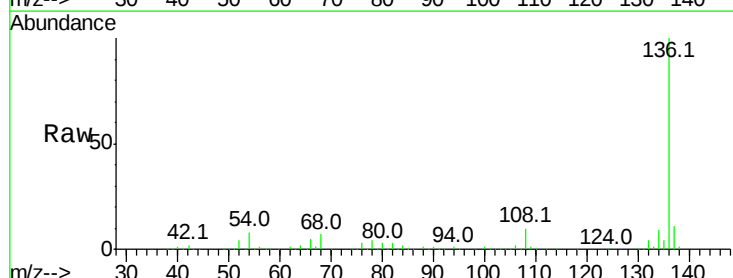
Ion Ratio Lower Upper

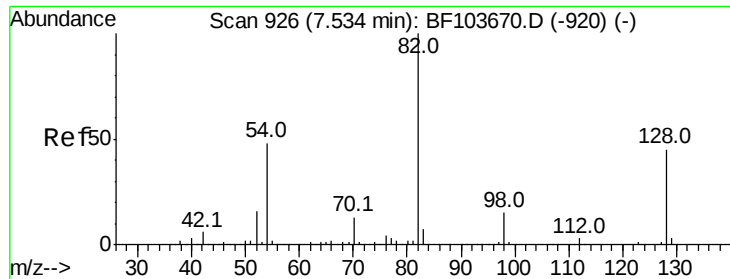
136 100

137 11.0 8.9 13.3

54 7.5 6.6 9.8

68 6.9 5.0 7.4

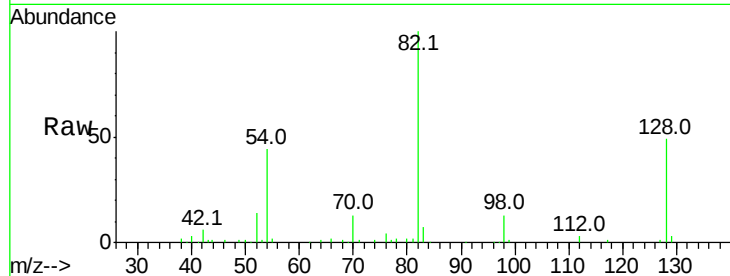




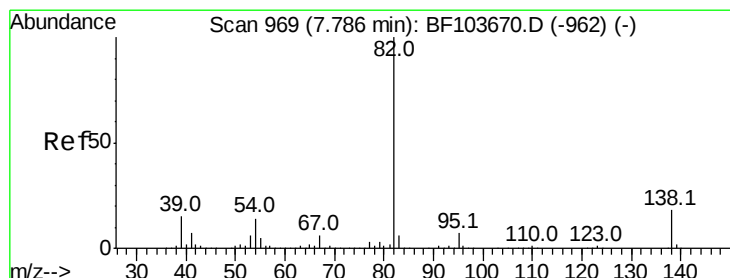
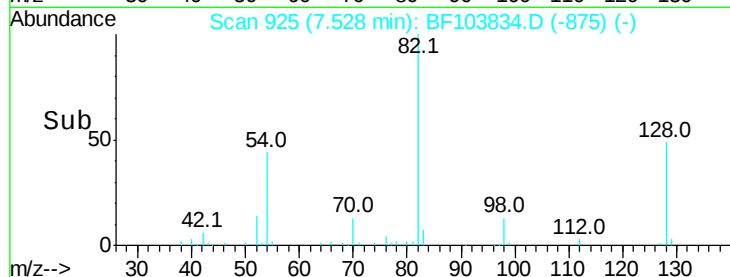
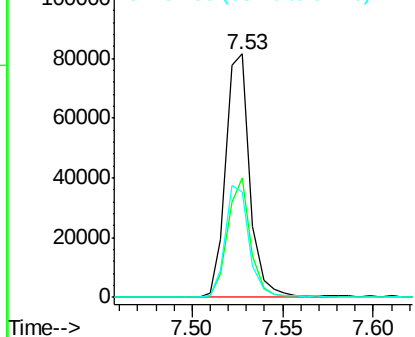
#23
 Nitrobenzene-d5
 Concen: 7.985 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: BF103834.D
 Acq: 21 Mar 2018 6:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	76557
Ion Ratio	Lower	Upper	
82	100		
128	49.2	36.1	54.1
54	43.5	41.4	62.2

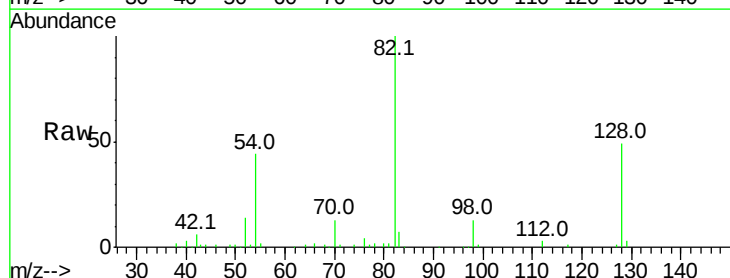


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

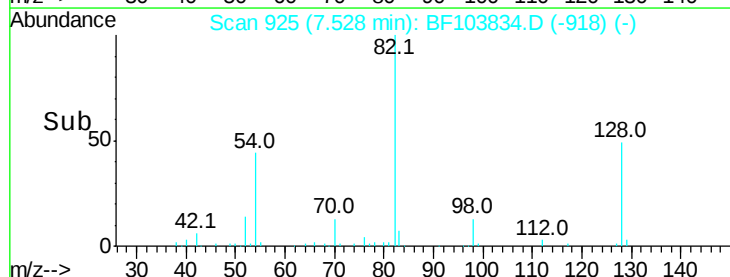
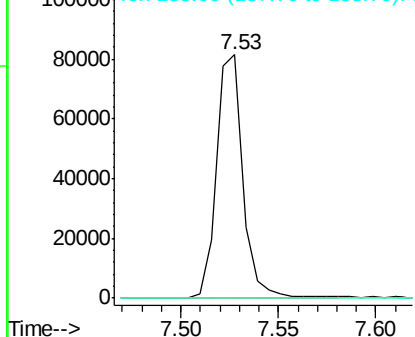


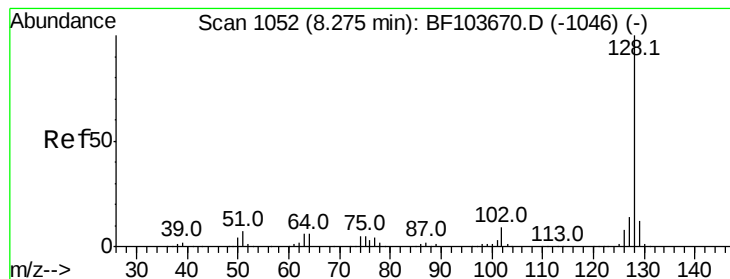
#25
 Isophorone
 Concen: 3.449 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.26 min
 Lab File: BF103834.D
 Acq: 21 Mar 2018 6:28

Tgt Ion	82	Resp	76556
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: 6.331 ng

RT: 8.27 min Scan# 1052

Delta R.T. -0.00 min

Lab File: BF103834.D

Acq: 21 Mar 2018 6:28

Instrument :

BNA_F

ClientSampleId :

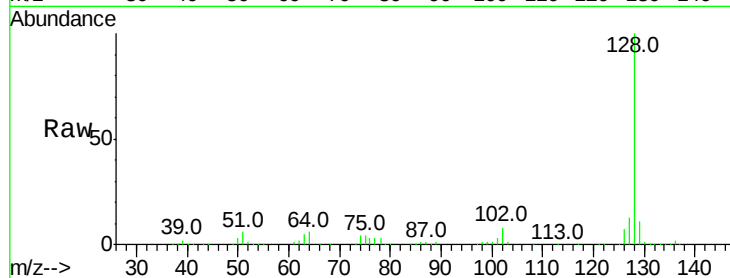
Tot Ion:128 Resp: 213822

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

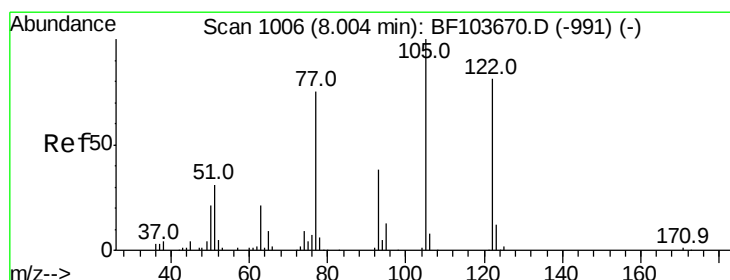
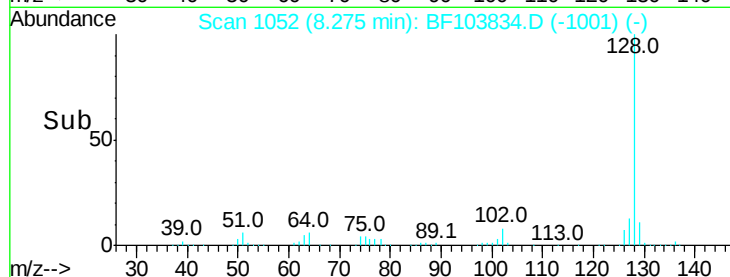
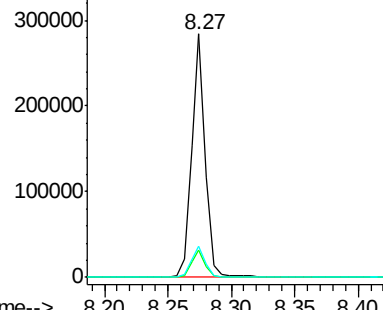
127 12.9 10.9 16.3



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



#32

Benzoic acid

Concen: 9.949 ng

RT: 8.27 min Scan# 1052

Delta R.T. 0.27 min

Lab File: BF103834.D

Acq: 21 Mar 2018 6:28

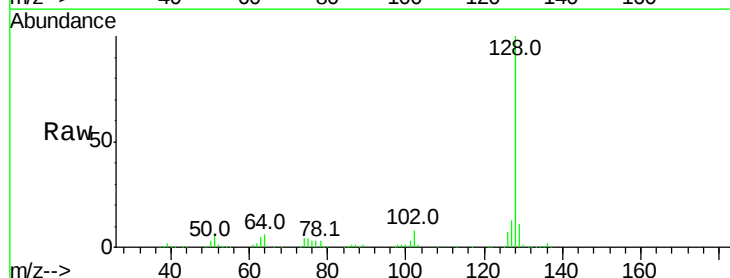
Tgt Ion:122 Resp: 369

Ion Ratio Lower Upper

122 100

105 0.0 101.1 141.1#

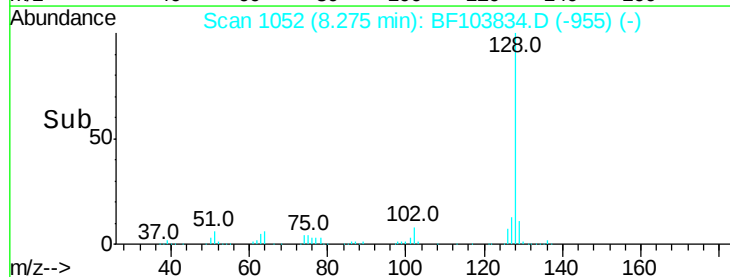
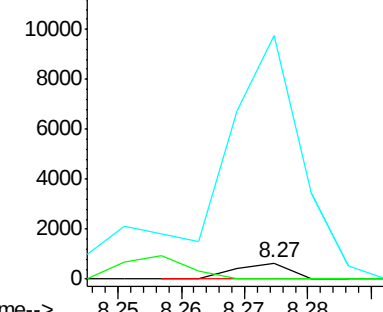
77 1516.6 70.7 110.7#

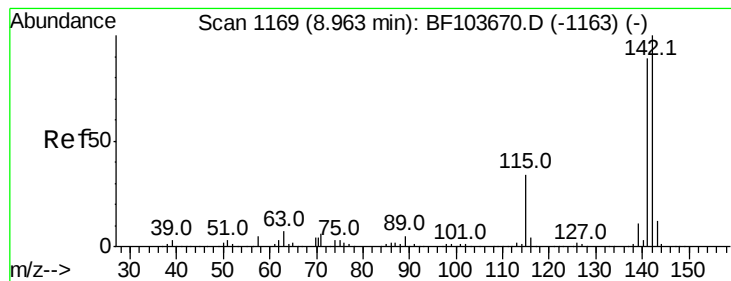


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

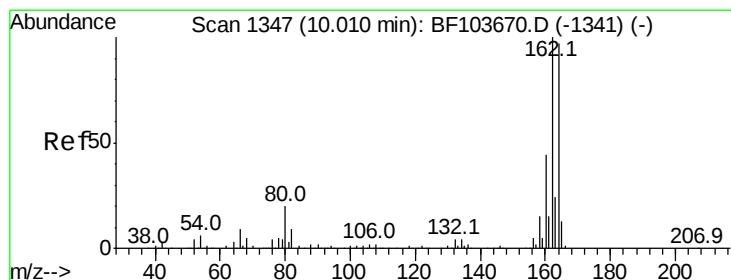
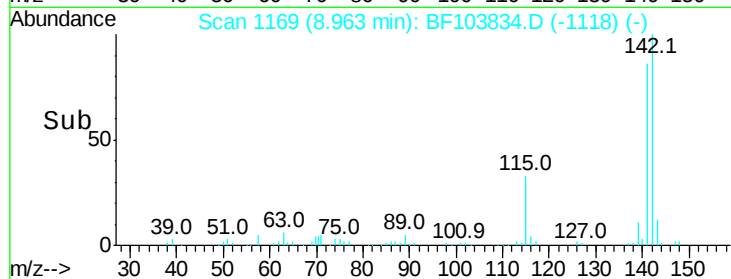
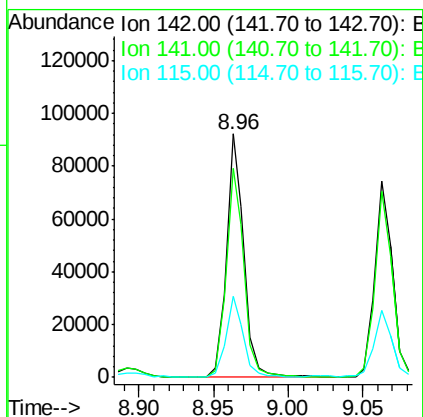
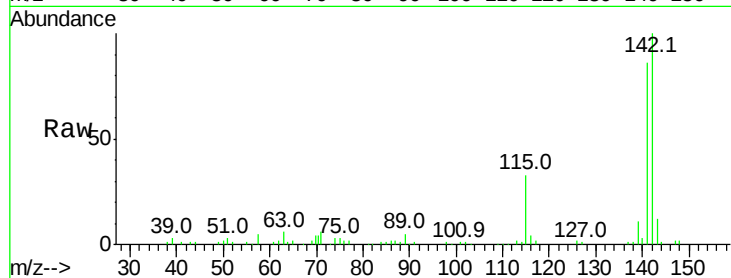




#37
 2-Methylnaphthalene
 Concen: 3.563 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. -0.00 min
 Lab File: BF103834.D
 Acq: 21 Mar 2018 6:28

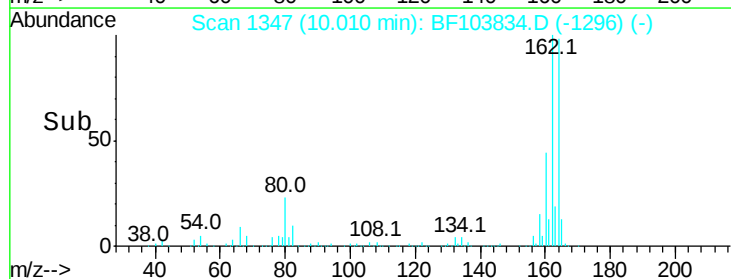
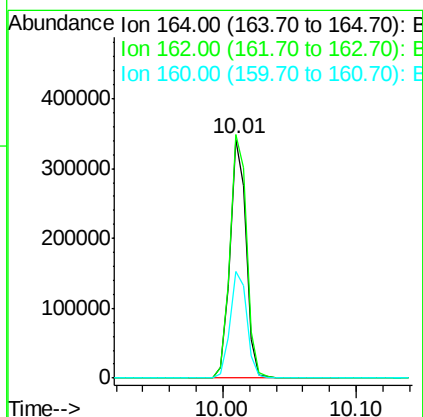
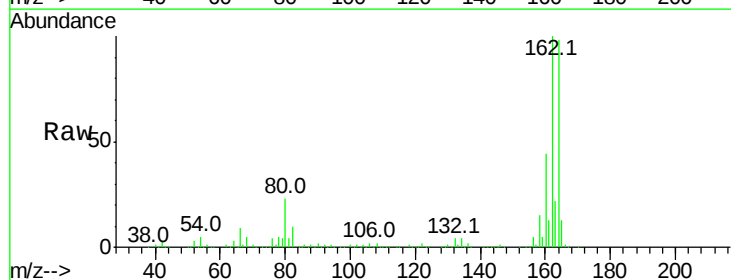
Instrument :
 BNA_F
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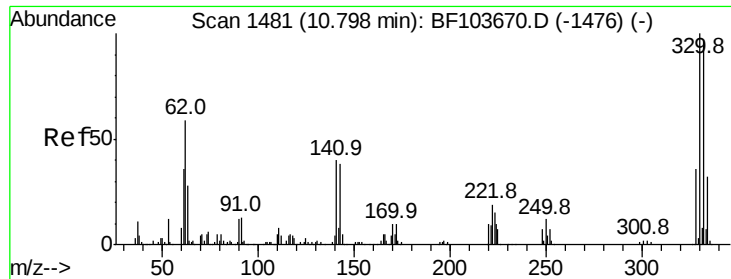
Tot Ion:142 Resp: 76315
 Ion Ratio Lower Upper
 142 100
 141 85.8 70.8 106.2
 115 33.4 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. -0.00 min
 Lab File: BF103834.D
 Acq: 21 Mar 2018 6:28

Tgt Ion:164 Resp: 292857
 Ion Ratio Lower Upper
 164 100
 162 102.0 86.1 129.1
 160 44.6 38.3 57.5

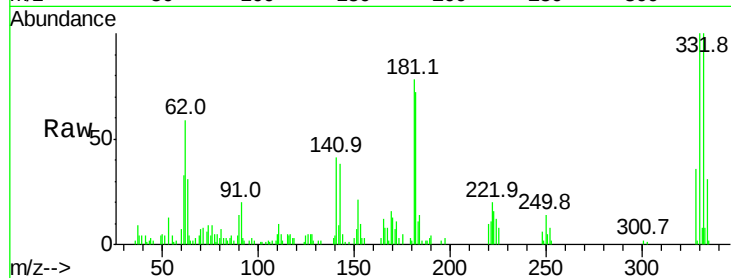




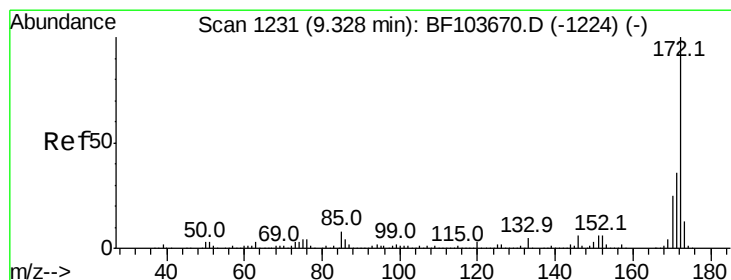
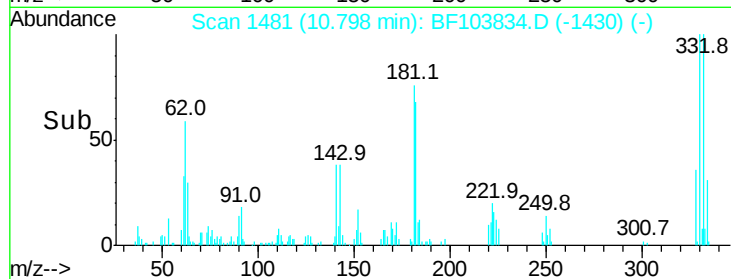
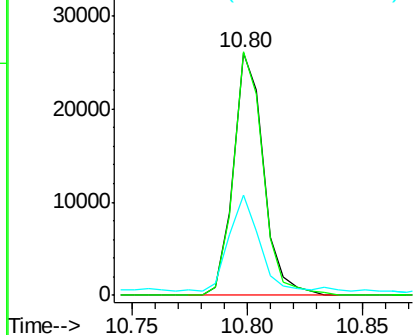
#41
 2,4,6-Tribromophenol
 Concen: 9.424 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: BF103834.D
 Acq: 21 Mar 2018 6:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.8	77.0	115.6
141	40.1	29.9	44.9

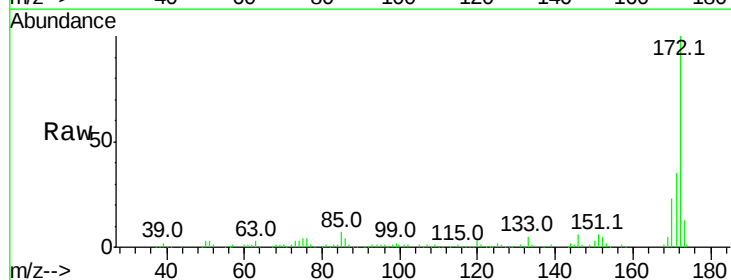


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

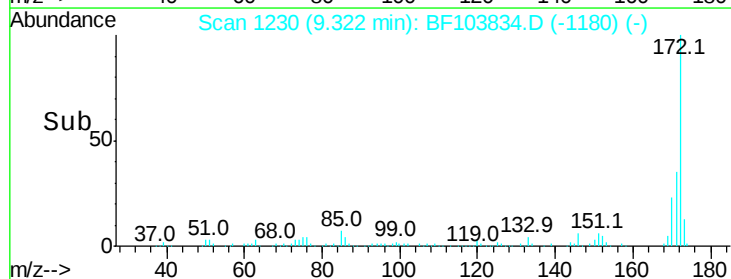
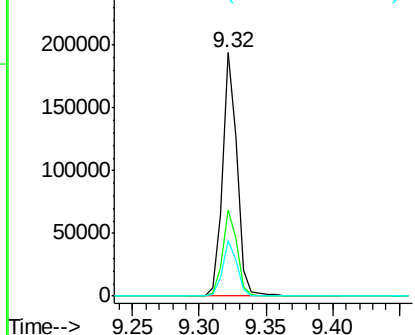


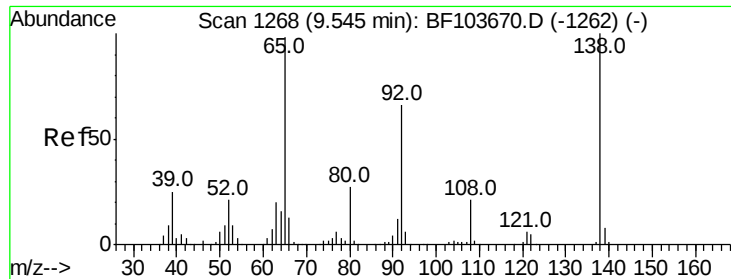
#44
 2-Fluorobiphenyl
 Concen: 8.172 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BF103834.D
 Acq: 21 Mar 2018 6:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.7	44.5
170	22.9	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

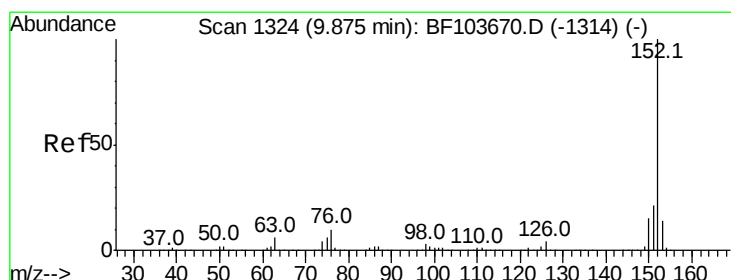
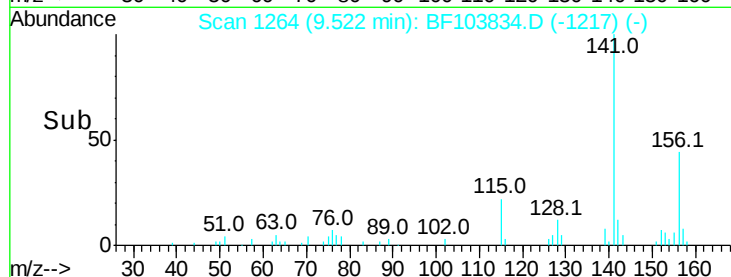
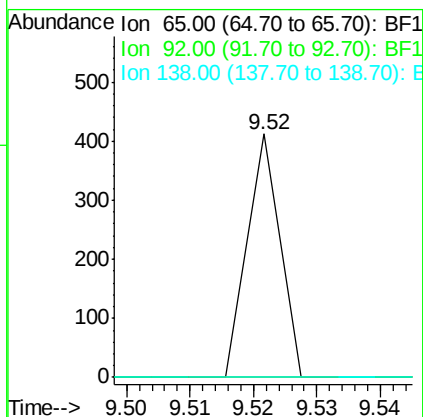
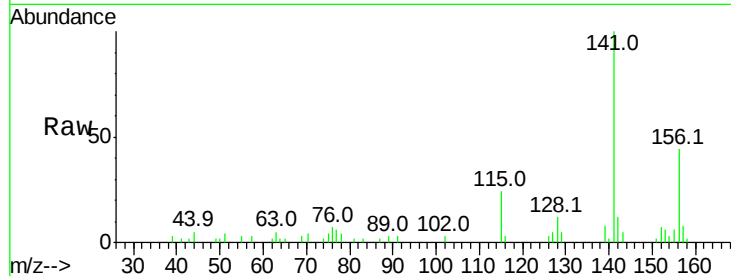




#47
2-Nitroaniline
Concen: 6.839 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BF103834.D
Acq: 21 Mar 2018 6:28

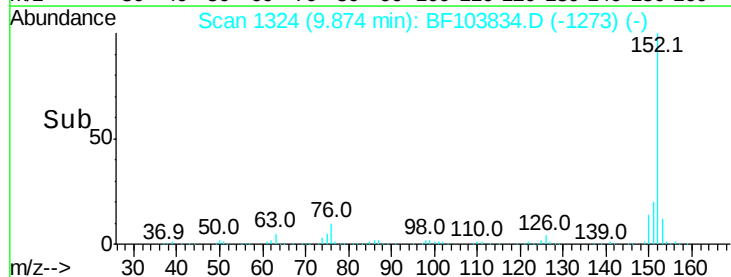
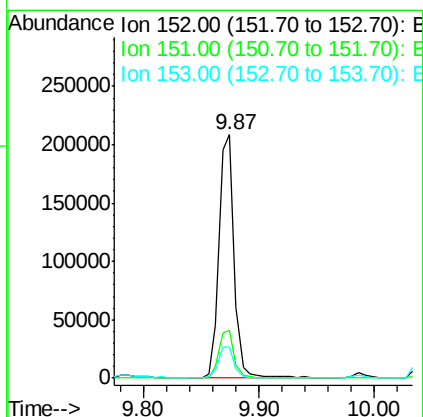
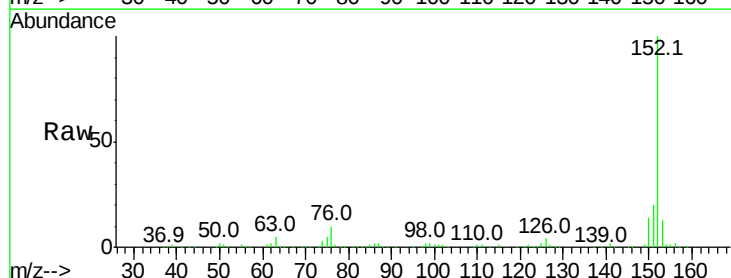
Instrument :
BNA_F
ClientSampleId :

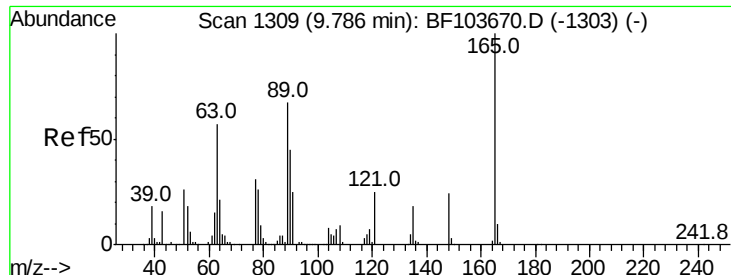
Tot Ion: 65 Resp: 145
Ion Ratio Lower Upper
65 100
92 0.0 55.8 83.6#
138 0.0 91.2 136.8#



#48
Acenaphthylene
Concen: 6.351 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF103834.D
Acq: 21 Mar 2018 6:28

Tgt Ion:152 Resp: 191022
Ion Ratio Lower Upper
152 100
151 19.7 16.3 24.5
153 12.6 10.7 16.1

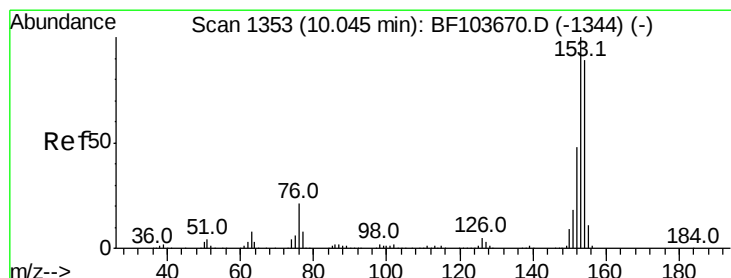
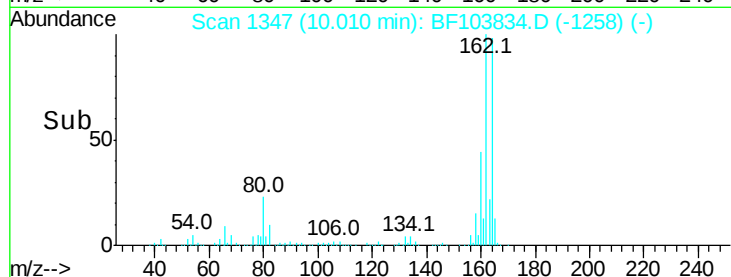
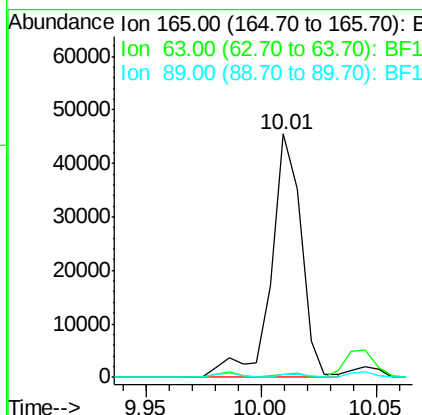
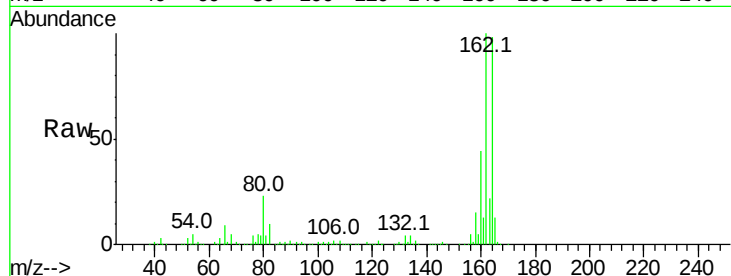




#50
2,6-Dinitrotoluene
Concen: 12.690 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.22 min
Lab File: BF103834.D
Acq: 21 Mar 2018 6:28

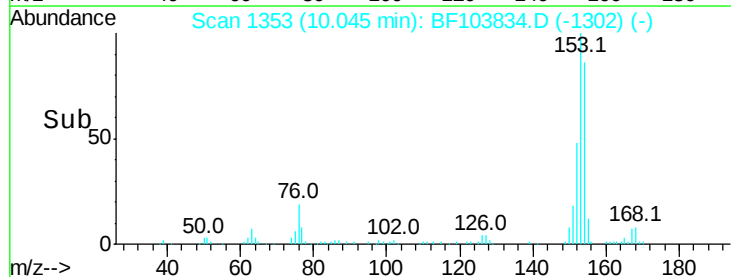
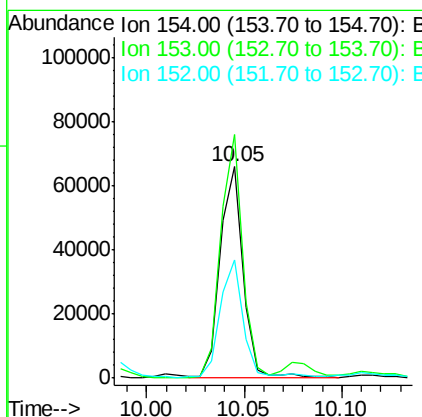
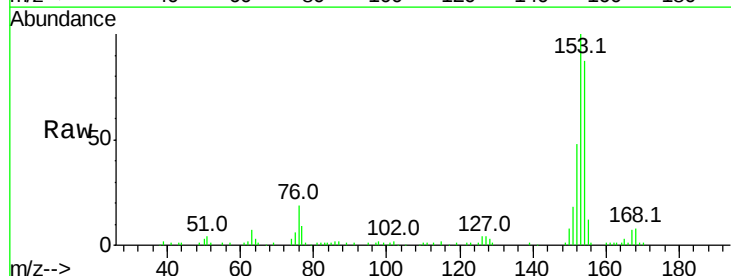
Instrument :
BNA_F
ClientSampleId :

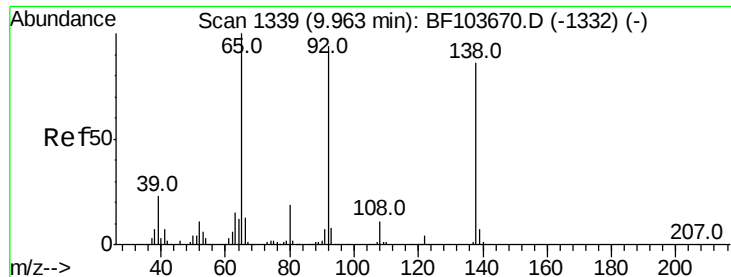
Tot Ion:165 Resp: 41038
Ion Ratio Lower Upper
165 100
63 1.5 44.7 67.1#
89 1.2 44.0 66.0#



#51
Acenaphthene
Concen: 3.038 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BF103834.D
Acq: 21 Mar 2018 6:28

Tgt Ion:154 Resp: 54251
Ion Ratio Lower Upper
154 100
153 115.1 91.2 136.8
152 55.7 43.8 65.8





#52

3-Nitroaniline

Concen: 3.984 ng

RT: 10.22 min Scan# 1382

Delta R.T. 0.25 min

Lab File: BF103834.D

Acq: 21 Mar 2018 6:28

Instrument :

BNA_F

ClientSampleId :

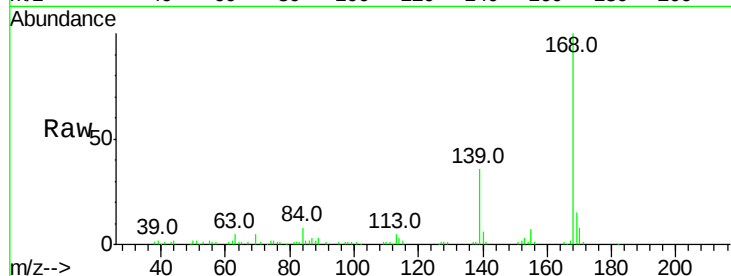
Tot Ion:138 Resp: 954

Ion Ratio Lower Upper

138 100

108 0.0 9.4 14.0#

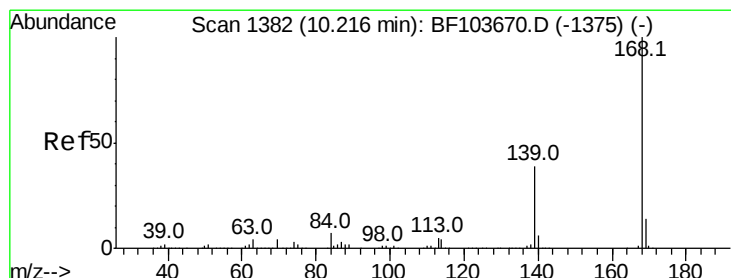
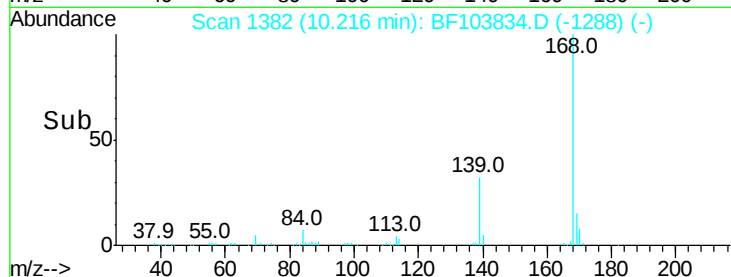
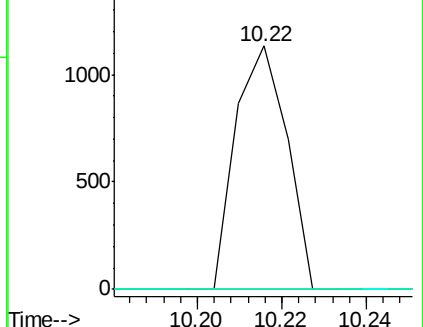
92 0.0 89.4 134.2#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

Dibenzofuran

Concen: 2.323 ng

RT: 10.22 min Scan# 1382

Delta R.T. -0.00 min

Lab File: BF103834.D

Acq: 21 Mar 2018 6:28

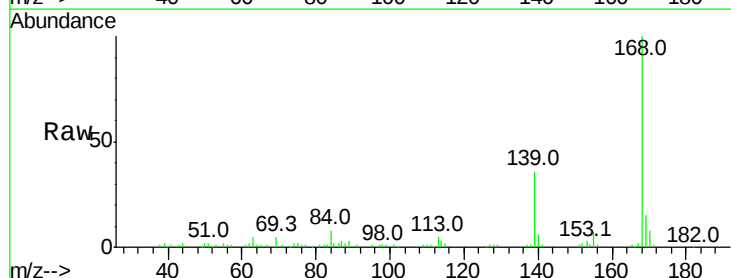
Tgt Ion:168 Resp: 59263

Ion Ratio Lower Upper

168 100

139 36.3 30.1 45.1

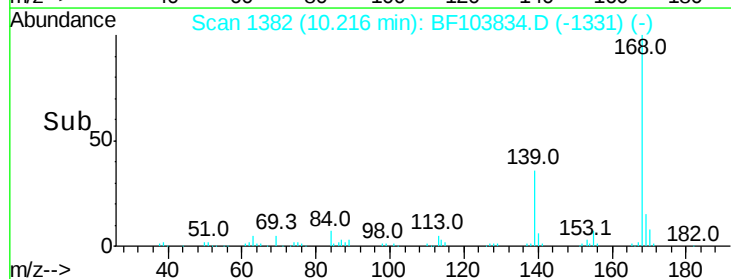
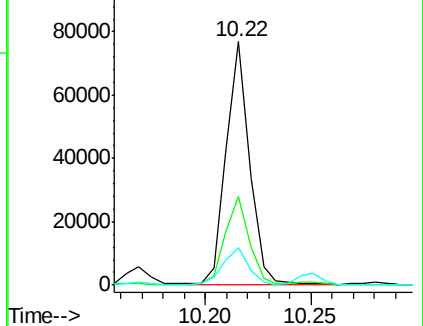
169 15.3 10.9 16.3

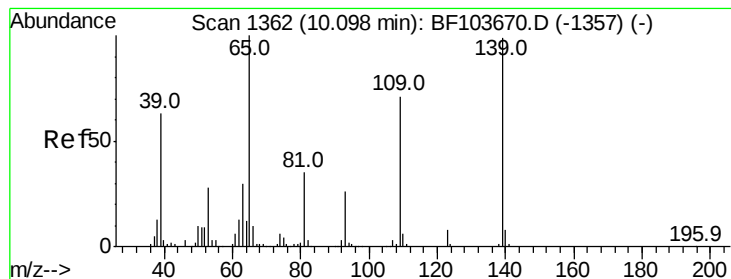


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 5.195 ng

RT: 10.11 min Scan# 1364

Delta R.T. 0.01 min

Lab File: BF103834.D

Acq: 21 Mar 2018 6:28

Instrument :

BNA_F

ClientSampled :

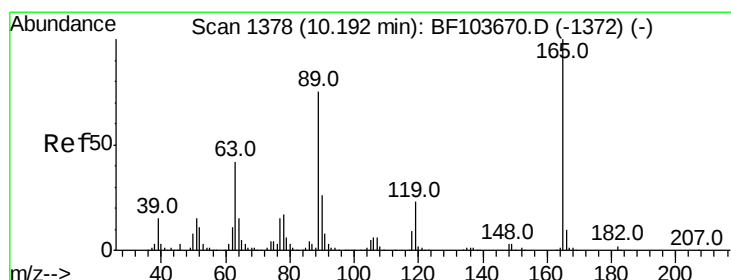
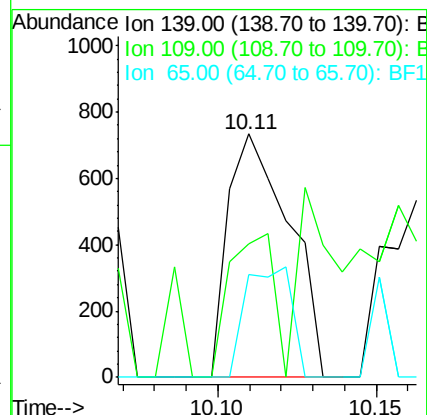
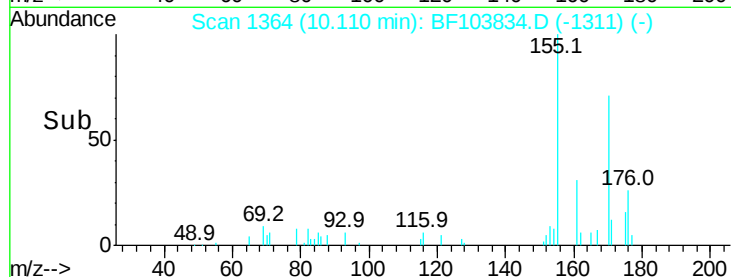
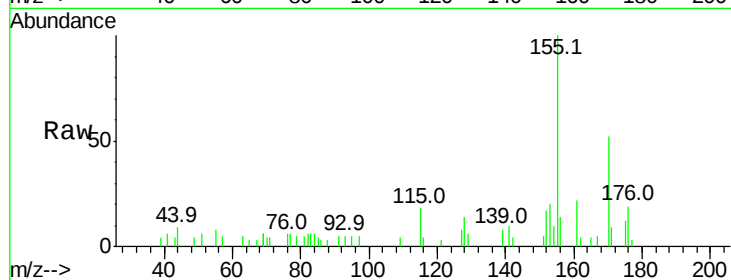
Tot Ion:139 Resp: 982

Ion Ratio Lower Upper

139 100

109 54.9 48.4 88.4

65 42.2 72.6 112.6#



#56

2,4-Dinitrotoluene

Concen: 6.668 ng

RT: 10.17 min Scan# 1374

Delta R.T. -0.02 min

Lab File: BF103834.D

Acq: 21 Mar 2018 6:28

Tgt Ion:165 Resp: 2860

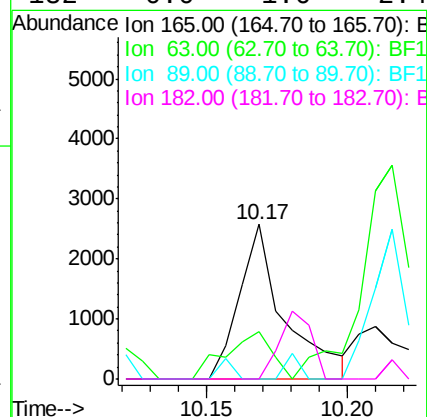
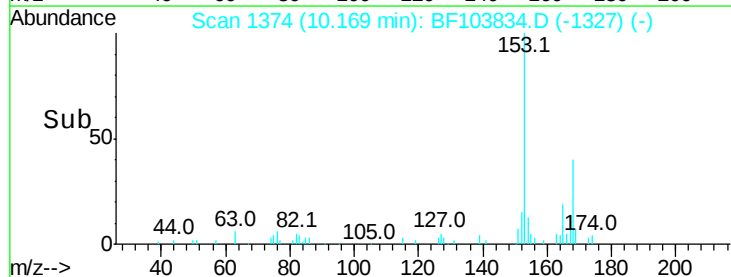
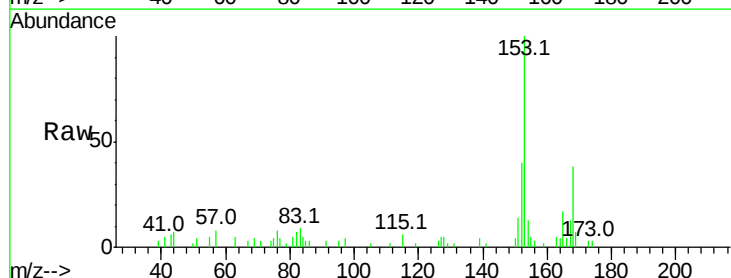
Ion Ratio Lower Upper

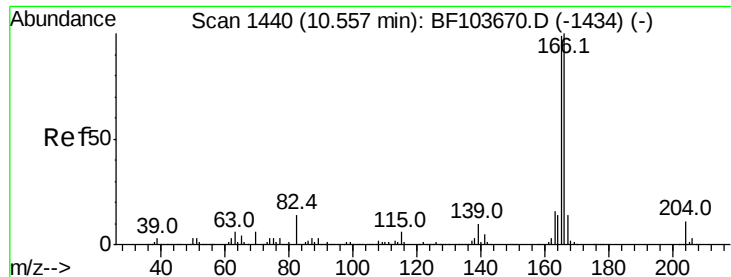
165 100

63 30.6 36.4 54.6#

89 0.0 57.8 86.6#

182 0.0 1.6 2.4#

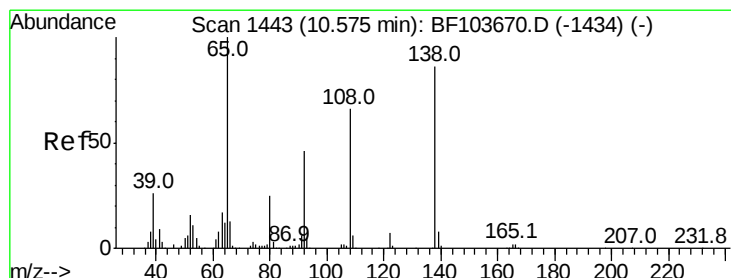
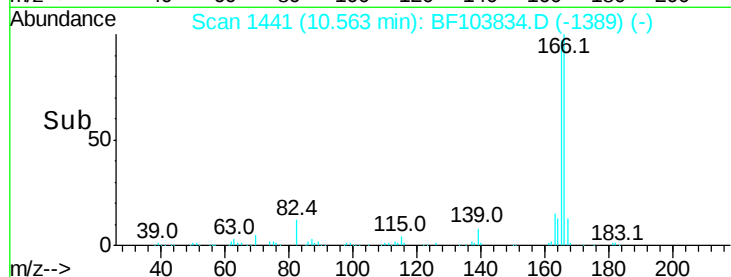
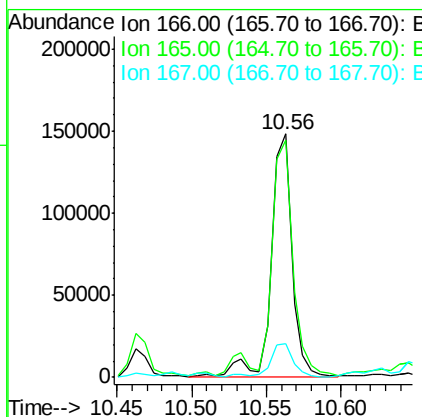
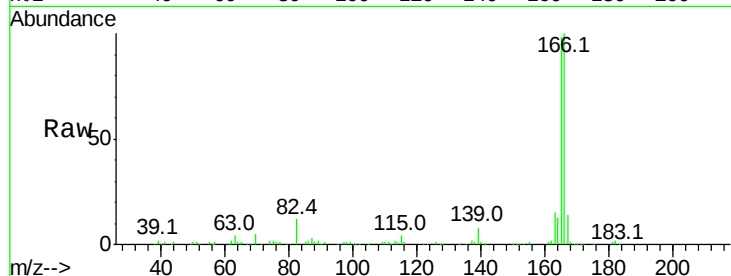




#57
Fluorene
 Concen: 7.281 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: BF103834.D
 Acq: 21 Mar 2018 6:28

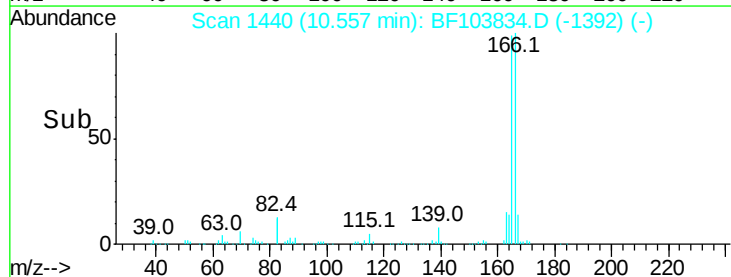
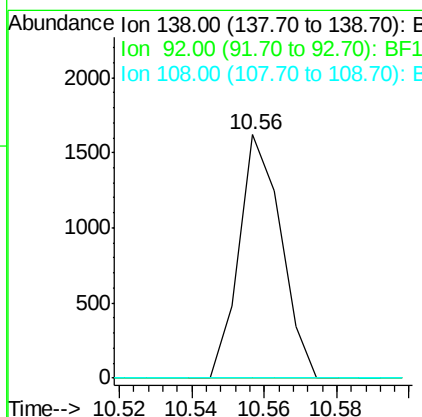
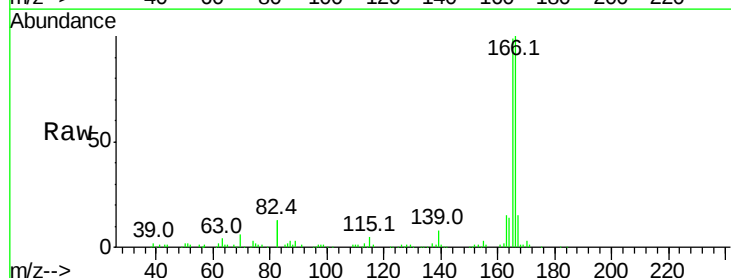
Instrument :
 BNA_F
 ClientSampleId :

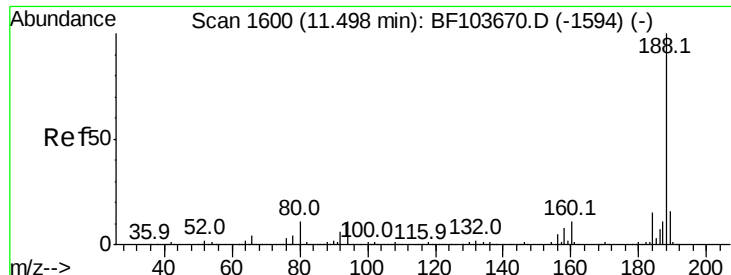
Tot Ion:166 Resp: 144114
 Ion Ratio Lower Upper
 166 100
 165 97.5 79.8 119.8
 167 13.7 10.6 16.0



#61
4-Nitroaniline
 Concen: 3.990 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.02 min
 Lab File: BF103834.D
 Acq: 21 Mar 2018 6:28

Tgt Ion:138 Resp: 1302
 Ion Ratio Lower Upper
 138 100
 92 0.0 30.2 70.2#
 108 0.0 52.5 92.5#

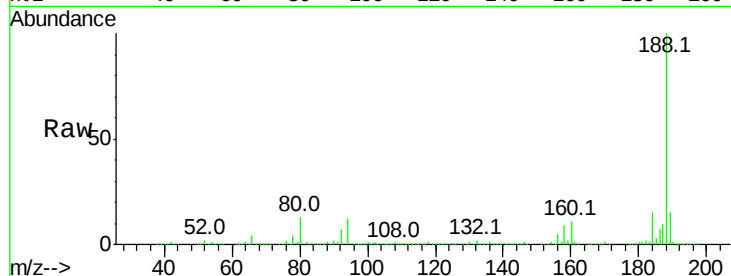




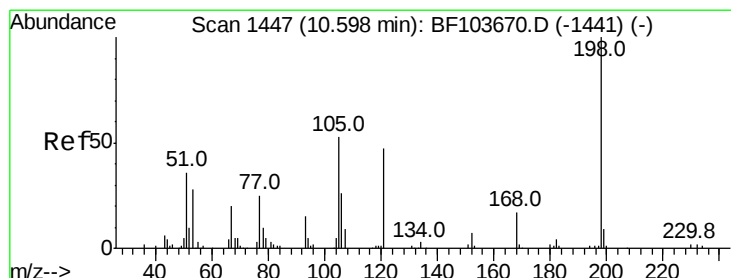
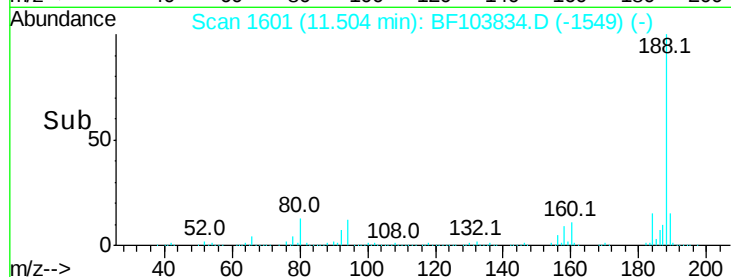
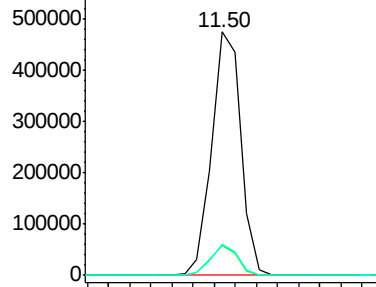
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF103834.D
Acq: 21 Mar 2018 6:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 451675
Ion Ratio Lower Upper
188 100
94 12.0 8.5 12.7
80 12.9 9.2 13.8

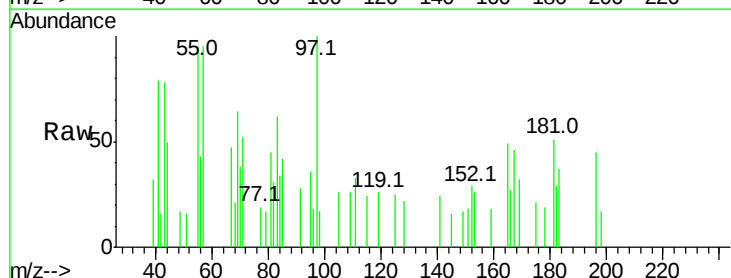


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

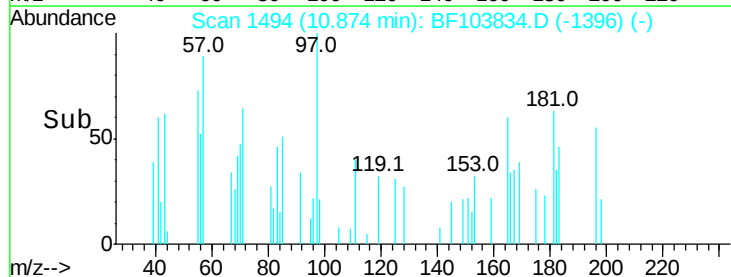
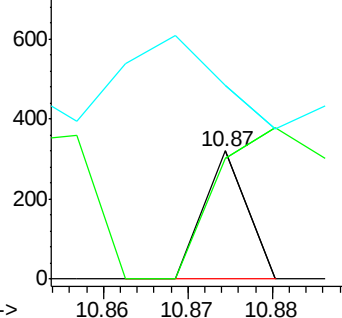


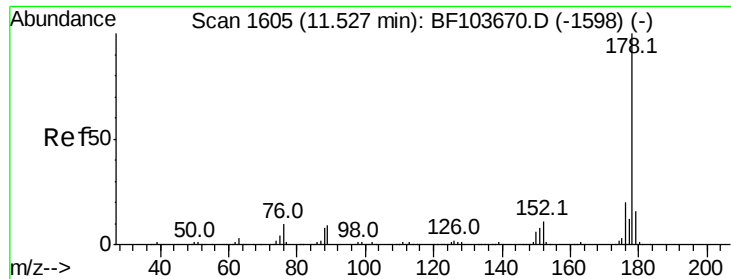
#64
4,6-Dinitro-2-methylphenol
Concen: 8.190 ng
RT: 10.87 min Scan# 1494
Delta R.T. 0.28 min
Lab File: BF103834.D
Acq: 21 Mar 2018 6:28

Tgt Ion:198 Resp: 113
Ion Ratio Lower Upper
198 100
51 93.8 37.7 77.7#
105 151.6 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

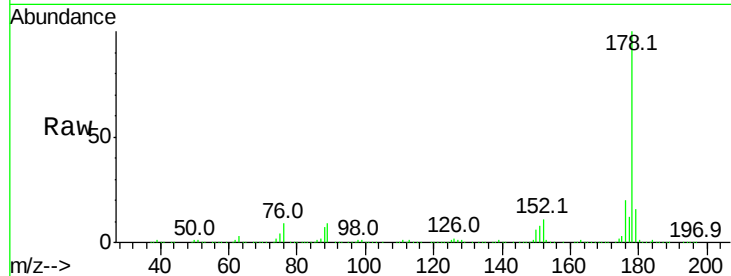




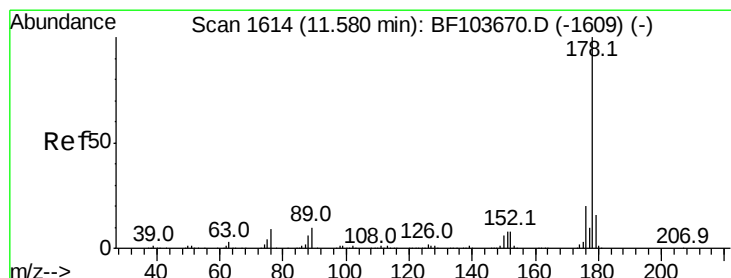
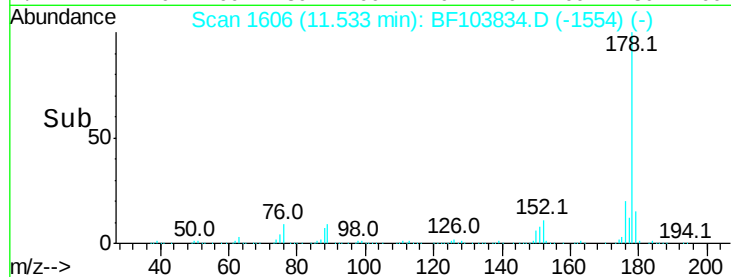
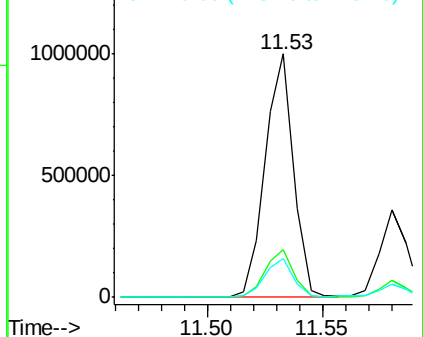
#70
Phenanthrene
Concen: 34.518 ng
RT: 11.53 min Scan# 1606
Delta R.T. 0.01 min
Lab File: BF103834.D
Acq: 21 Mar 2018 6:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:178 Resp: 852869
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.8
179 15.7 13.0 19.6

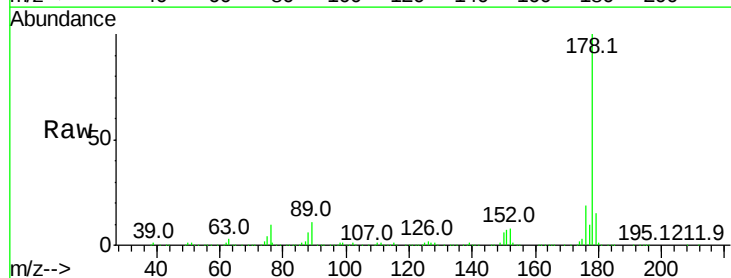


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

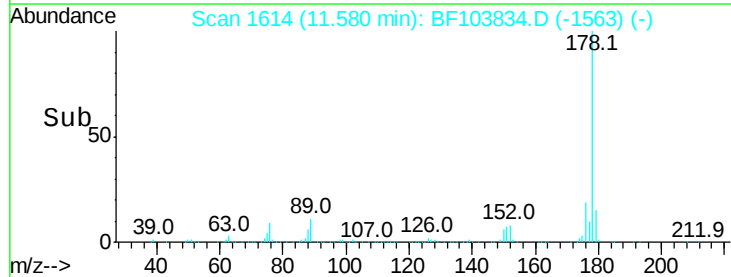
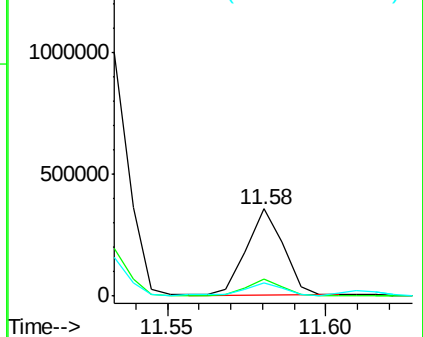


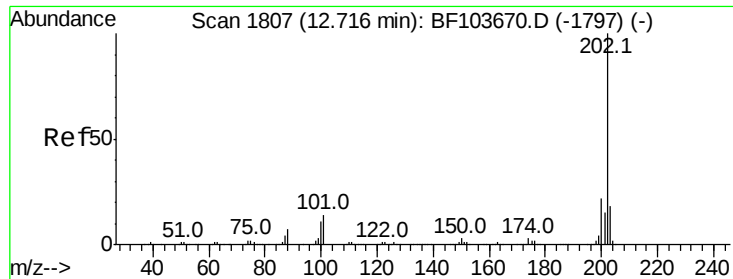
#71
Anthracene
Concen: 11.424 ng
RT: 11.58 min Scan# 1614
Delta R.T. -0.00 min
Lab File: BF103834.D
Acq: 21 Mar 2018 6:28

Tgt Ion:178 Resp: 286678
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.2
179 15.4 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

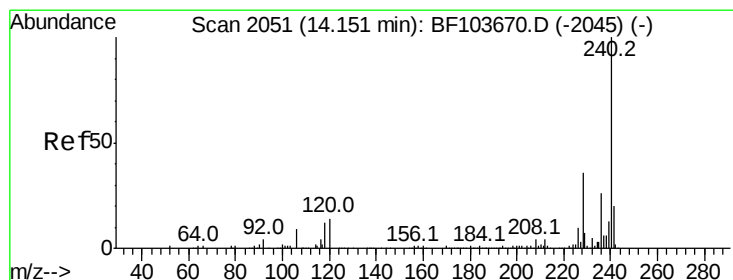
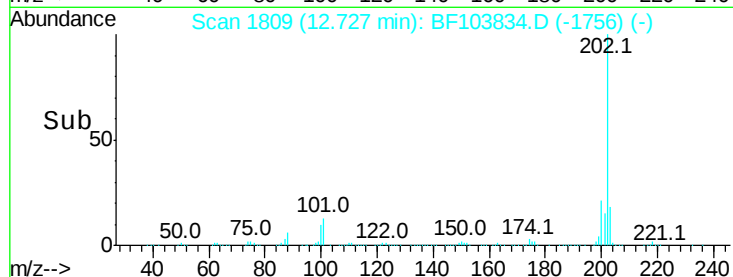
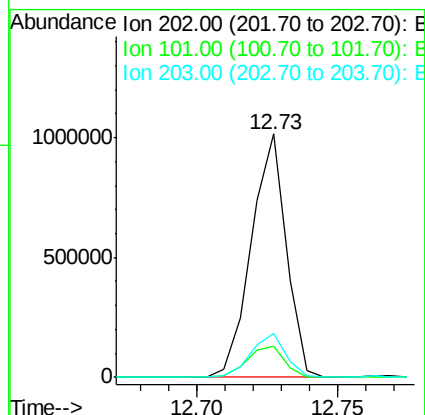
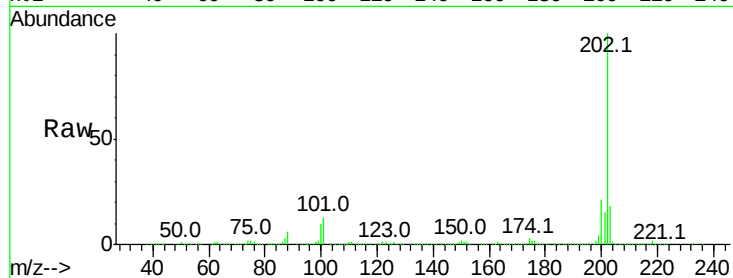




#74
 Fluoranthene
 Concen: 34.197 ng
 RT: 12.73 min Scan# 1809
 Delta R.T. 0.01 min
 Lab File: BF103834.D
 Acq: 21 Mar 2018 6:28

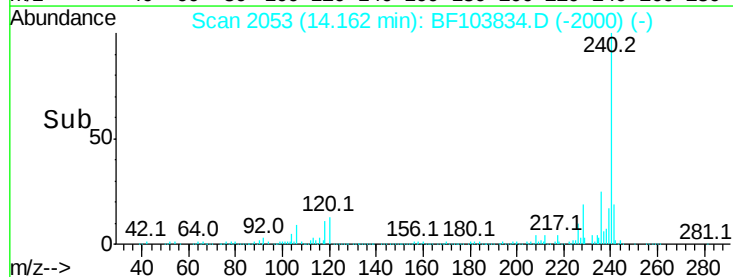
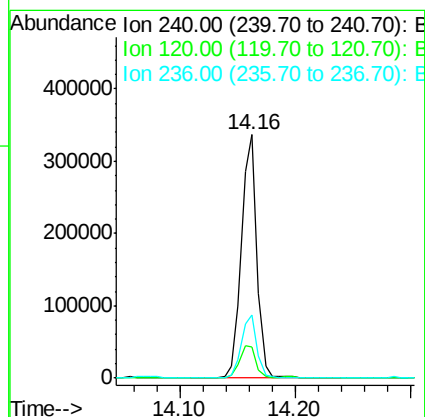
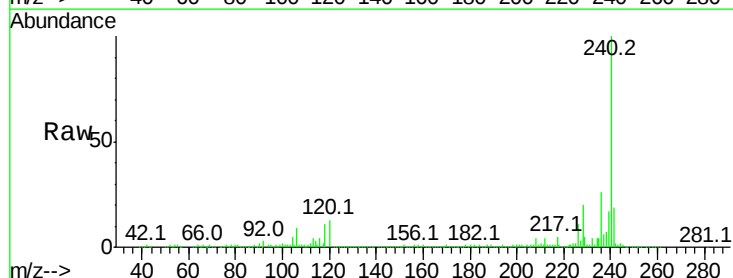
Instrument :
 BNA_F
 ClientSampled :

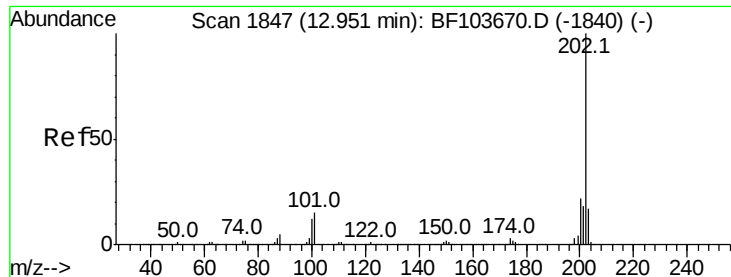
Tot Ion:202 Resp: 870477
 Ion Ratio Lower Upper
 202 100
 101 13.0 0.0 34.1
 203 17.8 0.0 38.1



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.16 min Scan# 2053
 Delta R.T. 0.01 min
 Lab File: BF103834.D
 Acq: 21 Mar 2018 6:28

Tgt Ion:240 Resp: 311747
 Ion Ratio Lower Upper
 240 100
 120 12.5 9.5 14.3
 236 25.9 20.7 31.1





#77

Pvrene

Concen: 40.376 ng

RT: 12.96 min Scan# 1848

Delta R.T. 0.01 min

Lab File: BF103834.D

Acq: 21 Mar 2018 6:28

Instrument :

BNA_F

ClientSampleId :

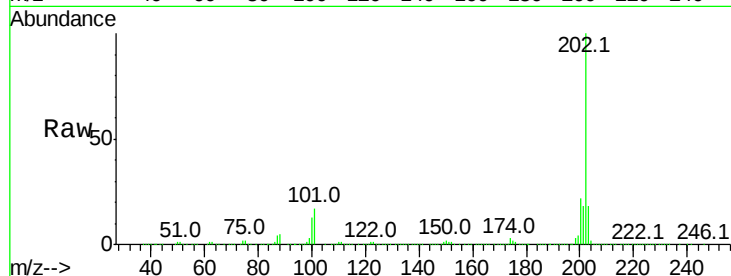
Tot Ion:202 Resp: 924381

Ion Ratio Lower Upper

202 100

200 21.6 17.4 26.2

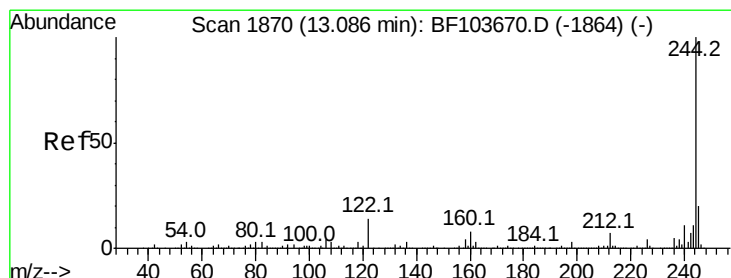
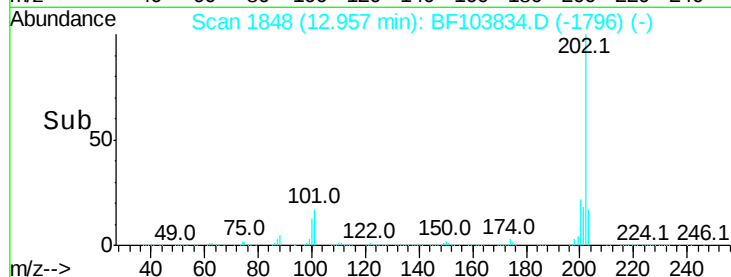
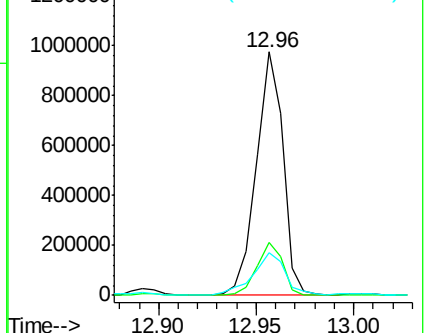
203 17.7 14.3 21.5



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: 7.782 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.00 min

Lab File: BF103834.D

Acq: 21 Mar 2018 6:28

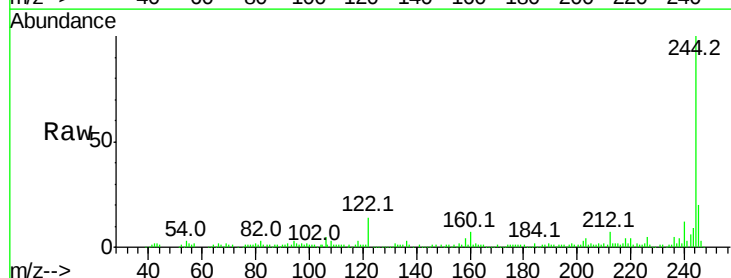
Tgt Ion:244 Resp: 104512

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

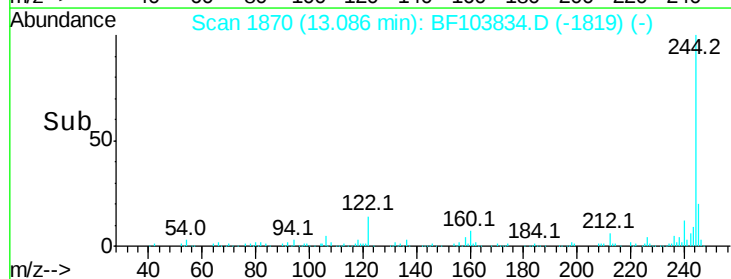
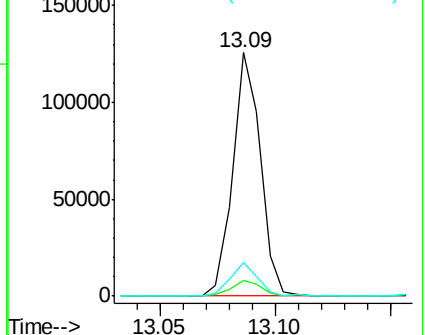
122 14.0 11.0 16.4

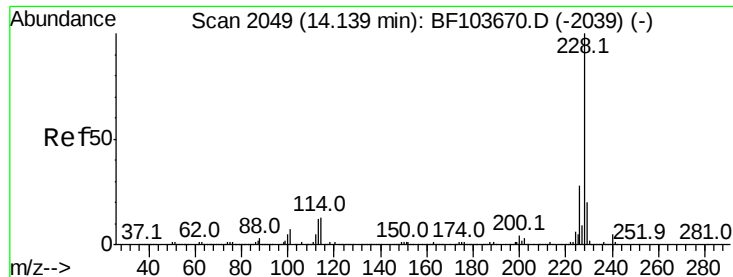


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 19.864 ng

RT: 14.19 min Scan# 2057

Delta R.T. 0.05 min

Lab File: BF103834.D

Acq: 21 Mar 2018 6:28

Instrument :

BNA_F

ClientSampleId :

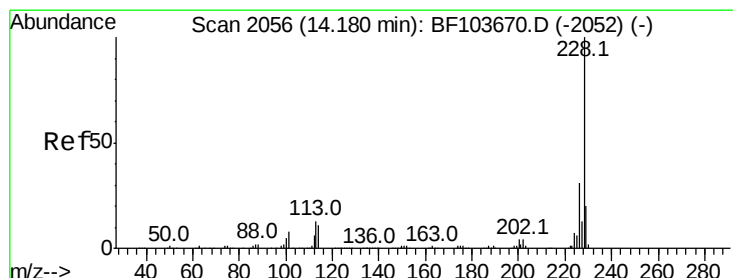
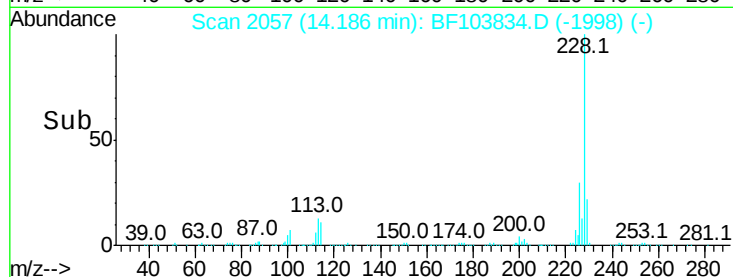
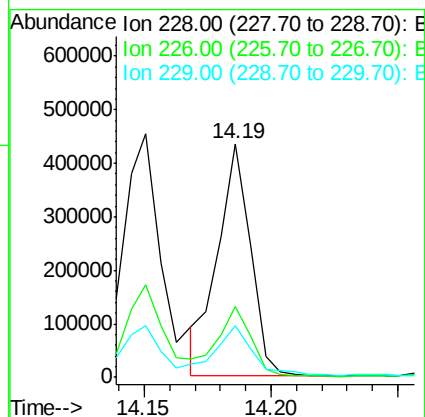
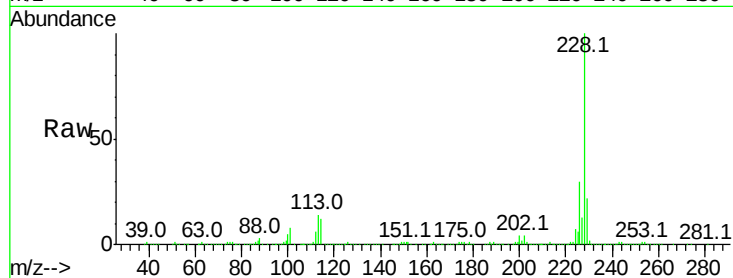
Tot Ion:228 Resp: 391989

Ion	Ratio	Lower	Upper
228	100		
226	30.3	22.6	33.8
229	22.2	15.8	23.6

228 100

226 30.3 22.6 33.8

229 22.2 15.8 23.6



#82

Chrysene

Concen: 20.838 ng

RT: 14.19 min Scan# 2057

Delta R.T. 0.01 min

Lab File: BF103834.D

Acq: 21 Mar 2018 6:28

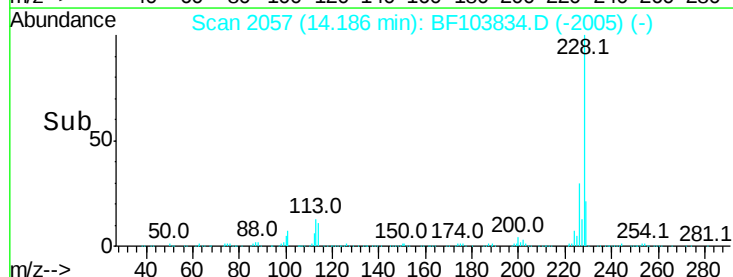
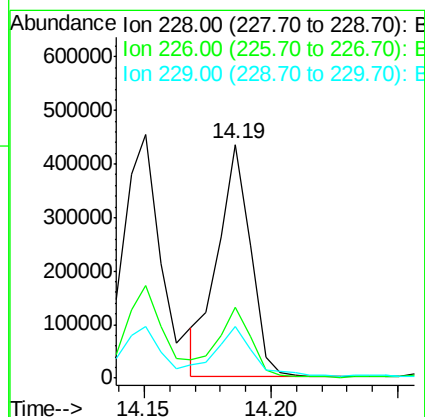
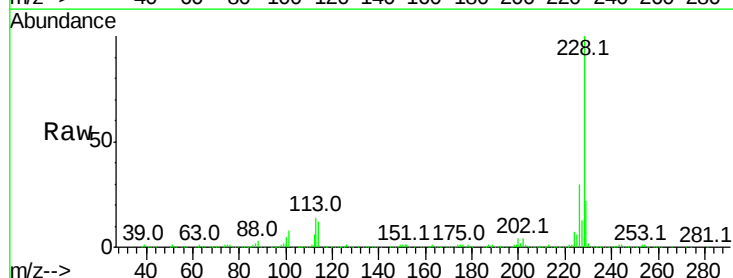
Tgt Ion:228 Resp: 391989

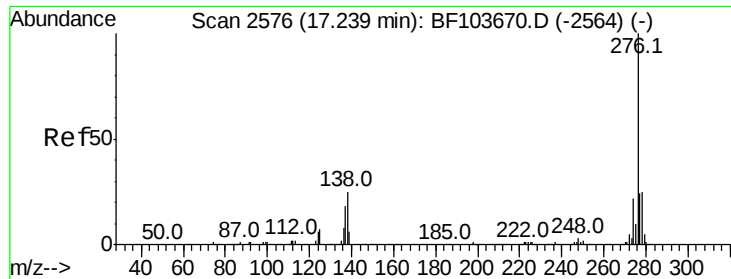
Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	22.2	16.2	24.4

228 100

226 30.3 25.0 37.6

229 22.2 16.2 24.4

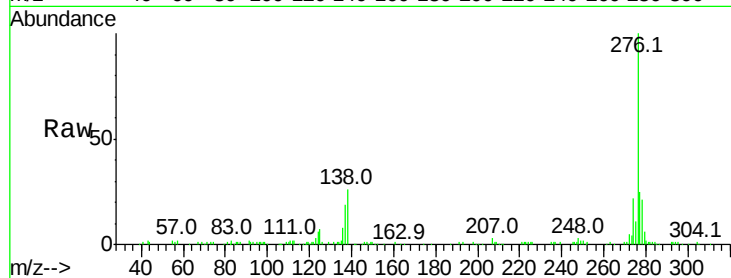




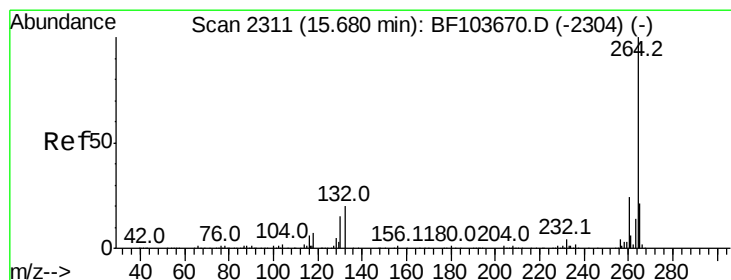
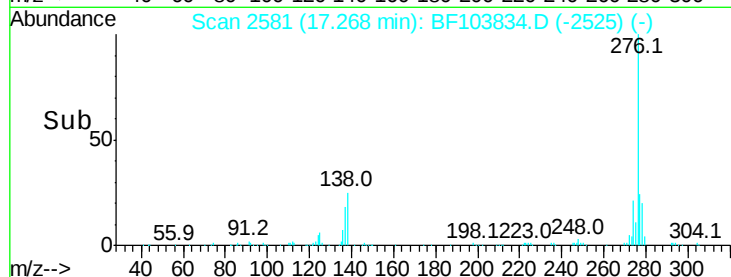
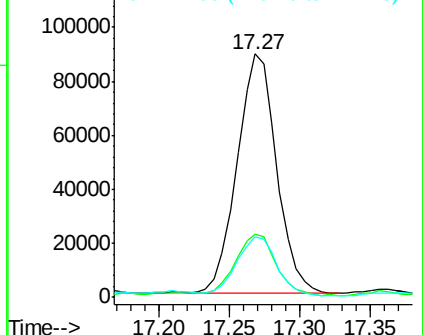
#85
Indeno(1,2,3-cd)pyrene
Concen: 10.560 ng
RT: 17.27 min Scan# 2581
Delta R.T. 0.03 min
Lab File: BF103834.D
Acq: 21 Mar 2018 6:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 173468
Ion Ratio Lower Upper
276 100
138 26.3 25.0 37.6
277 24.9 20.1 30.1

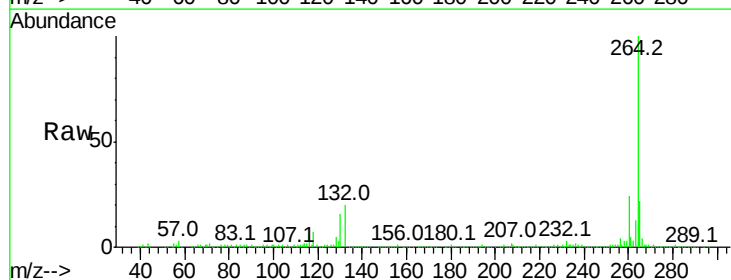


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

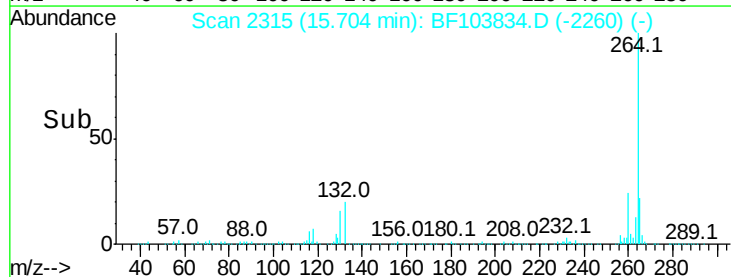
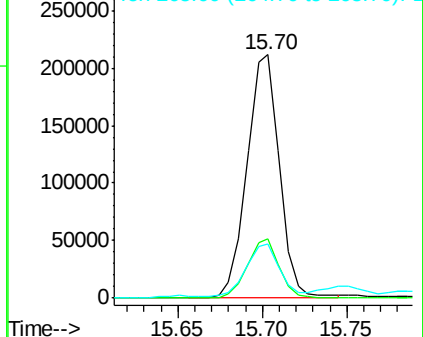


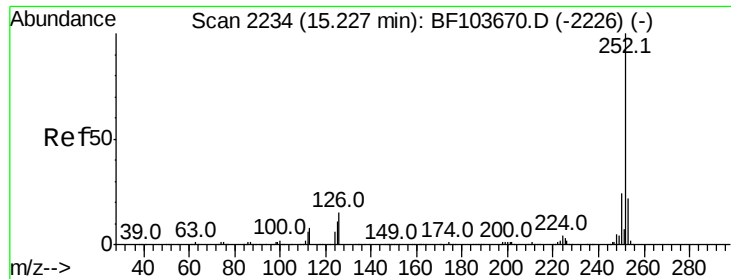
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2315
Delta R.T. 0.02 min
Lab File: BF103834.D
Acq: 21 Mar 2018 6:28

Tgt Ion:264 Resp: 281238
Ion Ratio Lower Upper
264 100
260 24.2 19.2 28.8
265 22.1 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

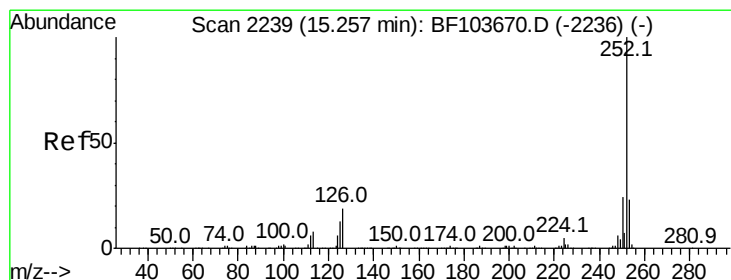
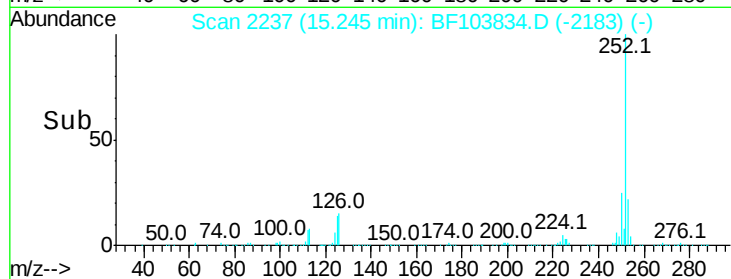
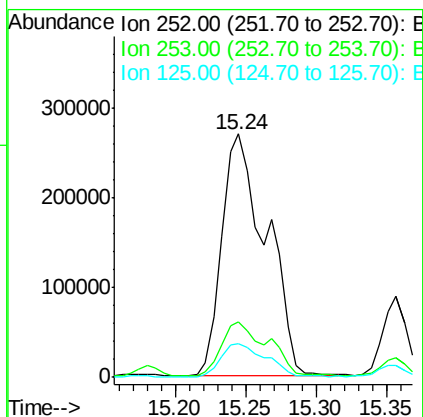
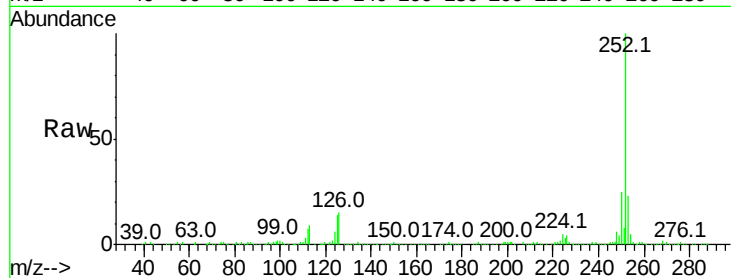




#87
Benzo(b)fluoranthene
Concen: 33.523 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.02 min
Lab File: BF103834.D
Acq: 21 Mar 2018 6:28

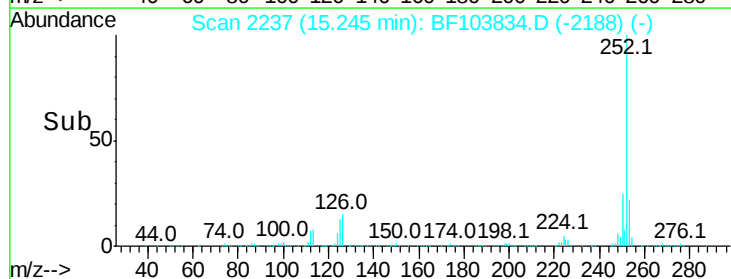
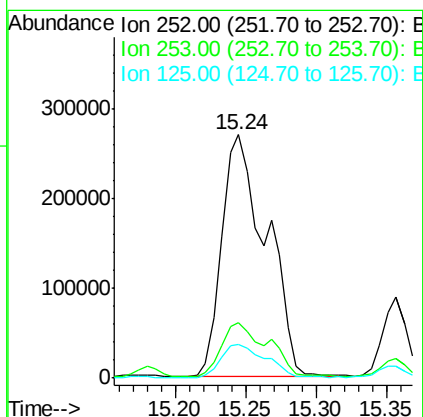
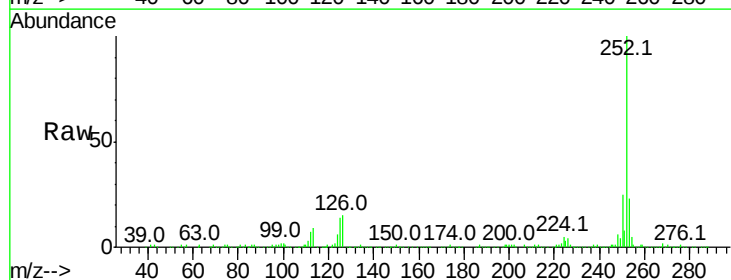
Instrument :
BNA_F
ClientSampleId :

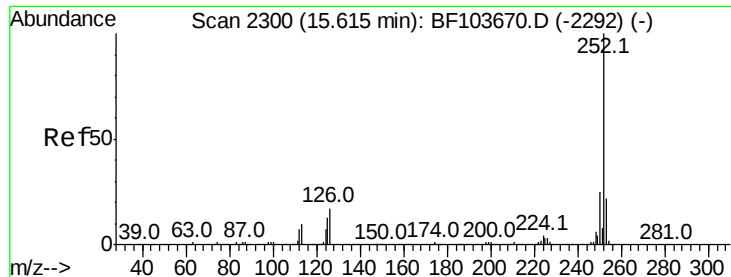
Tot Ion:252 Resp: 595639
Ion Ratio Lower Upper
252 100
253 22.7 17.0 25.6
125 13.8 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 34.874 ng
RT: 15.24 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BF103834.D
Acq: 21 Mar 2018 6:28

Tgt Ion:252 Resp: 595639
Ion Ratio Lower Upper
252 100
253 22.7 17.9 26.9
125 13.8 10.2 15.2





#89

Benzo(a)pyrene

Concen: 22.573 ng

RT: 15.63 min Scan# 2303

Delta R.T. 0.02 min

Lab File: BF103834.D

Acq: 21 Mar 2018 6:28

Instrument :

BNA_F

ClientSampleId :

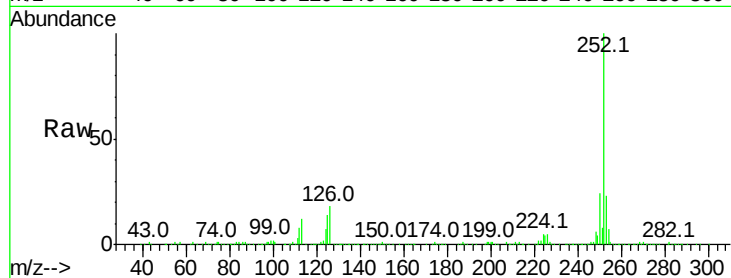
Tot Ion:252 Resp: 363783

Ion Ratio Lower Upper

252 100

253 22.8 17.1 25.7

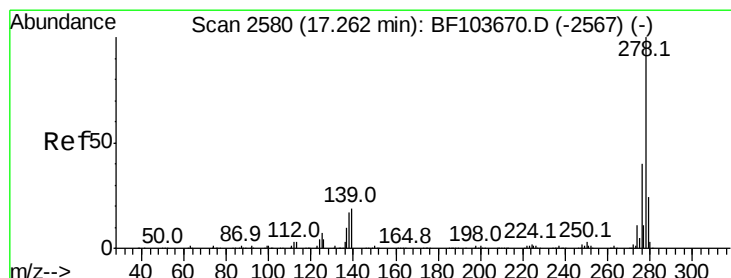
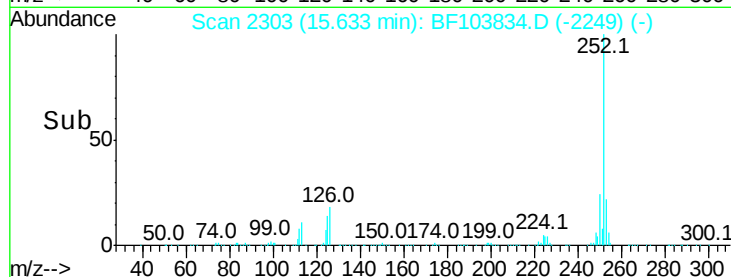
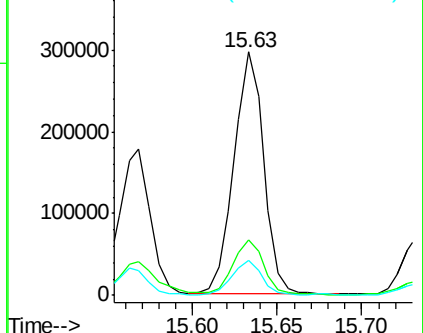
125 14.1 9.8 14.6



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



#90

Dibenzo(a,h)anthracene

Concen: 3.188 ng

RT: 17.46 min Scan# 2614

Delta R.T. 0.20 min

Lab File: BF103834.D

Acq: 21 Mar 2018 6:28

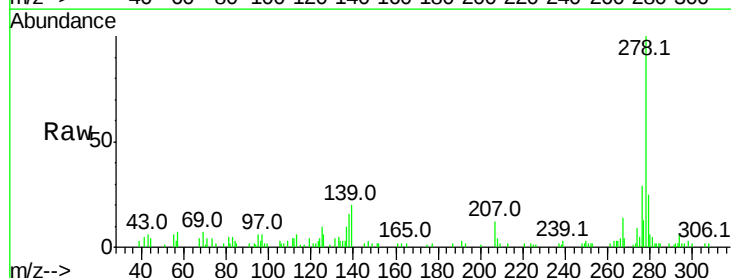
Tgt Ion:278 Resp: 44494

Ion Ratio Lower Upper

278 100

139 19.9 15.9 23.9

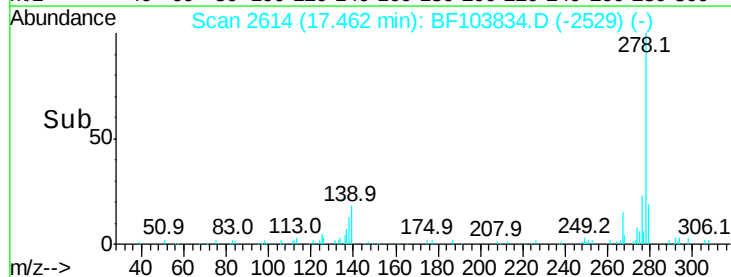
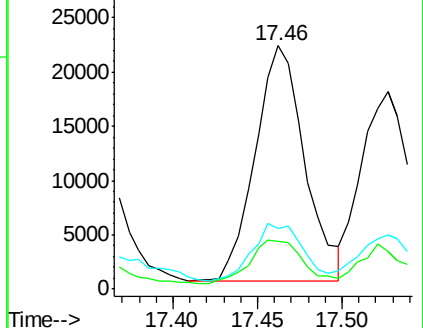
279 25.1 19.0 28.4

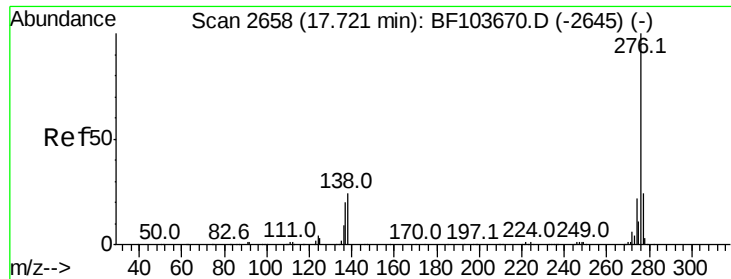


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 12.688 ng
 RT: 17.75 min Scan# 2663
 Delta R.T. 0.03 min
 Lab File: BF103834.D
 Acq: 21 Mar 2018 6:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 172246
 Ion Ratio Lower Upper
 276 100
 277 23.4 17.9 26.9
 138 25.3 21.8 32.8

