

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF011918\
 Data File : BF102215.D
 Acq On : 19 Jan 2018 11:57
 Operator : SJ/JU
 Sample : J1200-01 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A2_SB74-100_N_8

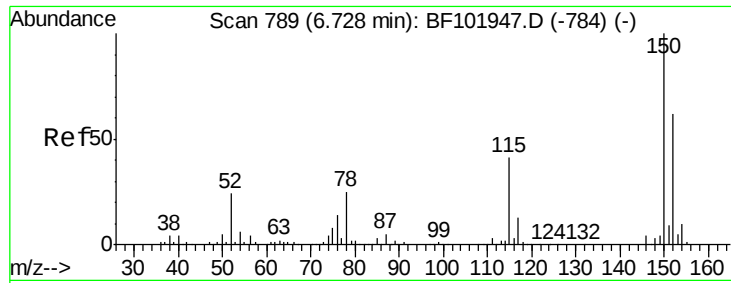
Quant Time: Jan 19 13:31:05 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 17 15:28:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	135715	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	563152	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	259052	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	406601	20.00	ng	0.00
75) Chrysene-d12	13.87	240	288260	20.00	ng	0.00
86) Perylene-d12	15.30	264	263105	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	180923	18.82	ng	0.00
7) Phenol-d6	6.35	99	229092	19.98	ng	0.00
23) Nitrobenzene-d5	7.28	82	138635	14.47	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	44033	19.48	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	266763	16.09	ng	0.00
78) Terphenyl-d14	12.82	244	217006	15.63	ng	0.00

Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.28	70	17653	2.349	ng	# 85
25) Isophorone	7.28	82	138299	7.304	ng	# 64
31) Naphthalene	8.03	128	812461	28.872	ng	100
33) 4-Chloroaniline	8.03	127	109818	9.143	ng	# 34
37) 2-Methylnaphthalene	8.72	142	84482	4.560	ng	97
48) Acenaphthylene	9.62	152	114985	4.081	ng	98
50) 2,6-Dinitrotoluene	9.76	165	34616	8.339	ng	# 26
51) Acenaphthene	9.79	154	139042	8.130	ng	99
54) Dibenzofuran	9.96	168	144494	6.156	ng	98
55) 4-Nitrophenol	9.96	139	55177	14.133	ng	# 10
56) 2,4-Dinitrotoluene	9.76	165	34616	6.653	ng	# 23
57) Fluorene	10.30	166	170831	10.528	ng	98
64) 4,6-Dinitro-2-methylphenol	10.63	198	108	5.705	ng	# 23
70) Phenanthrene	11.27	178	746227	31.419	ng	98
71) Anthracene	11.32	178	220573	9.157	ng	99
72) Carbazole	11.47	167	75080	3.171	ng	99
74) Fluoranthene	12.45	202	788904	33.760	ng	99
77) Pyrene	12.68	202	654679	25.693	ng	100
80) Benzo(a)anthracene	13.90	228	275832	14.998	ng	96
82) Chrysene	13.90	228	275832	14.383	ng	97
85) Indeno(1,2,3-cd)pyrene	16.67	276	132315	9.479	ng	93
87) Benzo(b)fluoranthene	14.89	252	476595	27.781	ng	# 95
88) Benzo(k)fluoranthene	14.89	252	476595	28.799	ng	98
89) Benzo(a)pyrene	15.24	252	259243	16.793	ng	97
90) Dibenzo(a,h)anthracene	16.69	278	35580	2.888	ng	# 94
91) Benzo(g,h,i)perylene	17.09	276	116134	9.358	ng	98

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

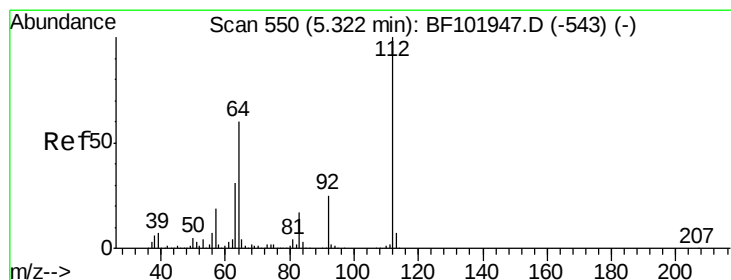
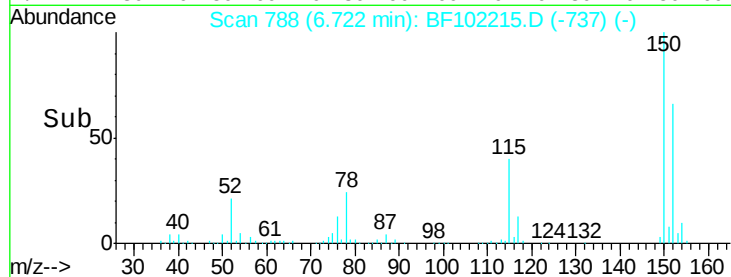
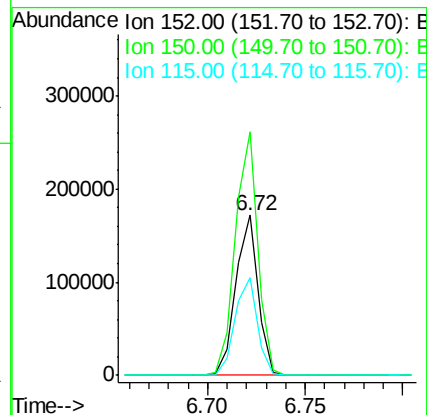
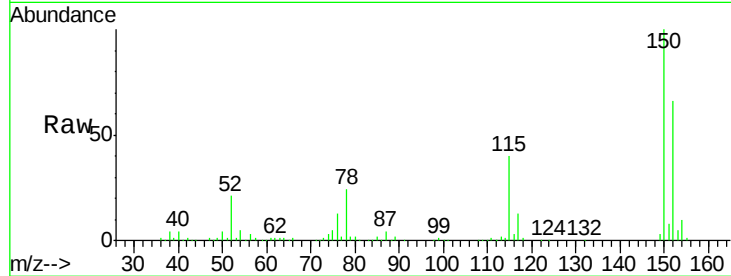


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF102215.D
Acq: 19 Jan 2018 11:57

Instrument :
BNA_F
ClientSampleId :
A2_SB74-100_N_8

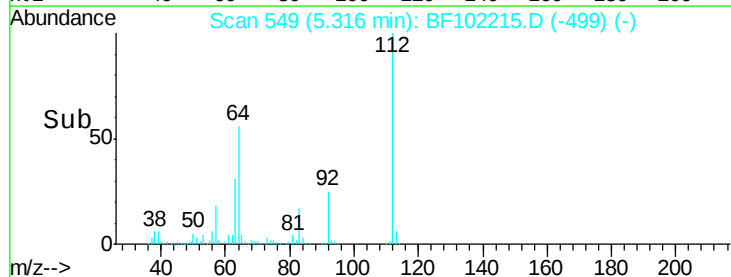
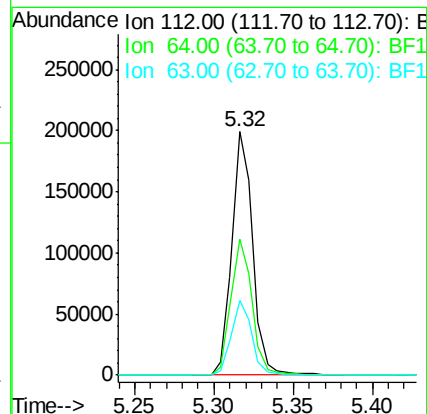
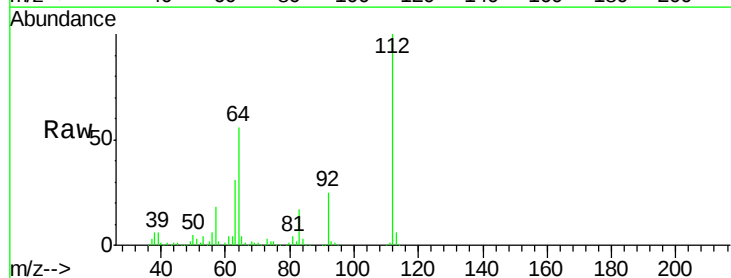
Tgt Ion:152 Resp: 135715
Ion Ratio Lower Upper
152 100
150 152.0 124.6 186.8
115 60.8 50.1 75.1



#5

2-Fluorophenol
Concen: 18.825 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.01 min
Lab File: BF102215.D
Acq: 19 Jan 2018 11:57

Tgt Ion:112 Resp: 180923
Ion Ratio Lower Upper
112 100
64 56.0 47.9 71.9
63 30.8 23.7 35.5





#7

Phenol-d6

Concen: 19.979 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF102215.D

Acq: 19 Jan 2018 11:57

Instrument :

BNA_F

ClientSampleId :

A2_SB74-100_N_8

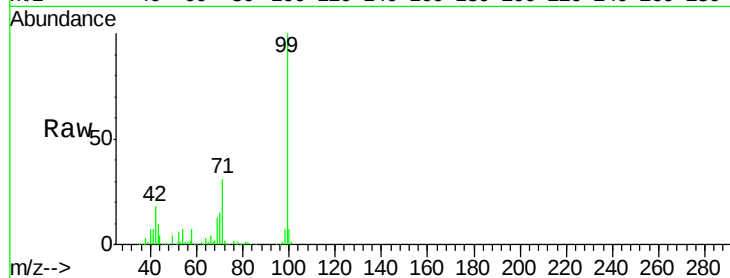
Tgt Ion: 99 Resp: 229092

Ion Ratio Lower Upper

99 100

42 18.2 14.5 21.7

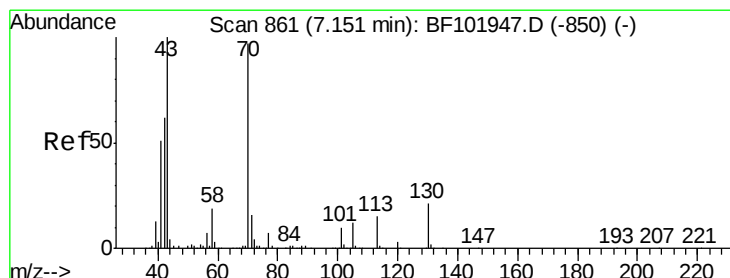
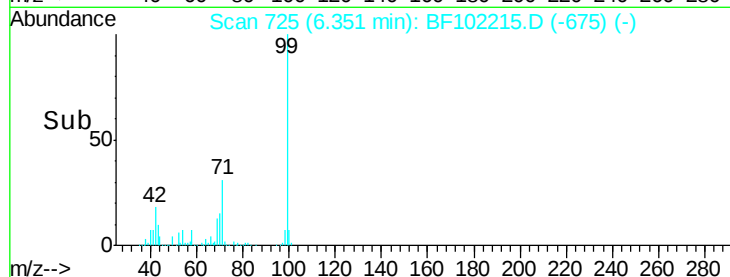
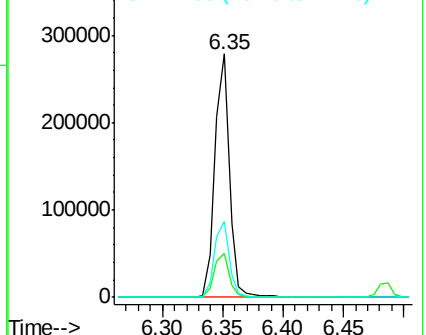
71 31.1 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 2.349 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.14 min

Lab File: BF102215.D

Acq: 19 Jan 2018 11:57

Tgt Ion: 70 Resp: 17653

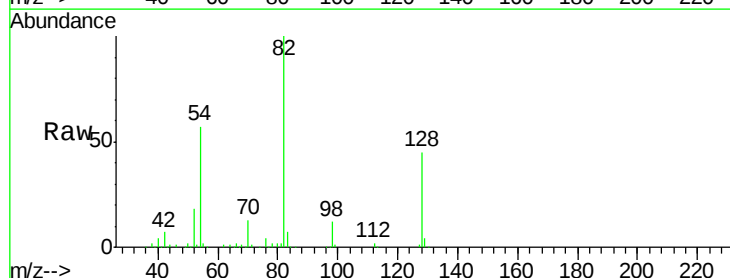
Ion Ratio Lower Upper

70 100

42 56.5 47.5 71.3

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

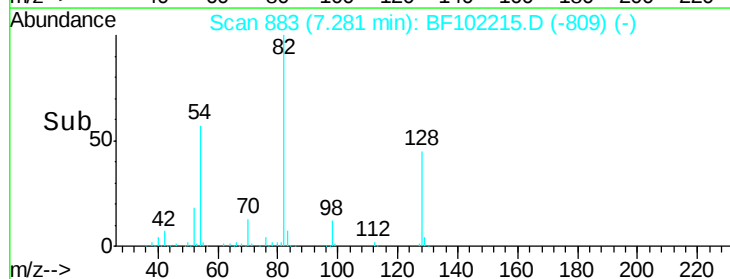
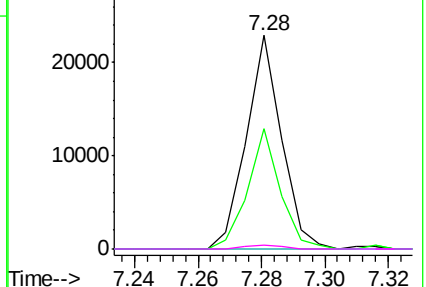


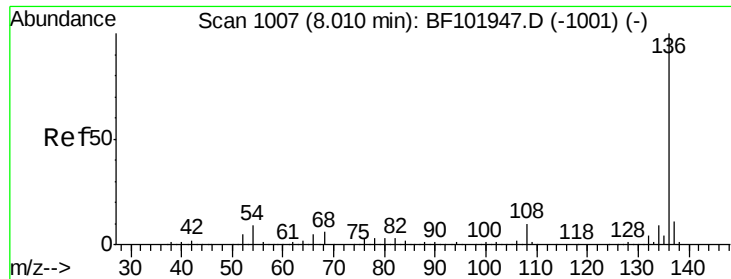
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

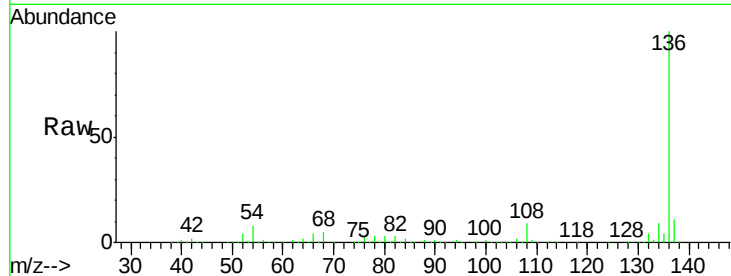




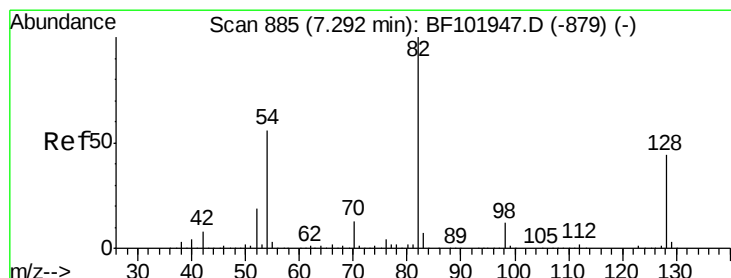
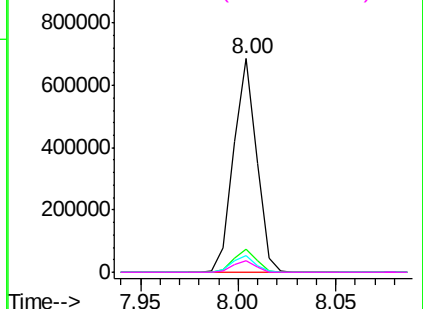
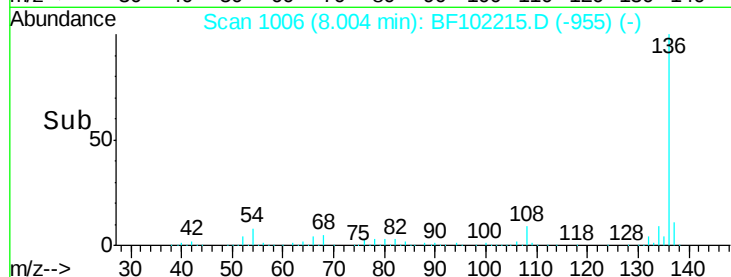
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BF102215.D
Acq: 19 Jan 2018 11:57

Instrument :
BNA_F
ClientSampleId :
A2_SB74-100_N_8

Tgt Ion:	136	Resp:	563152
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.7	6.6	9.8
68	5.3	5.0	7.4

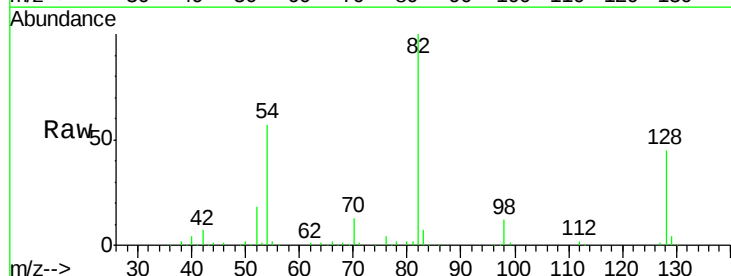


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

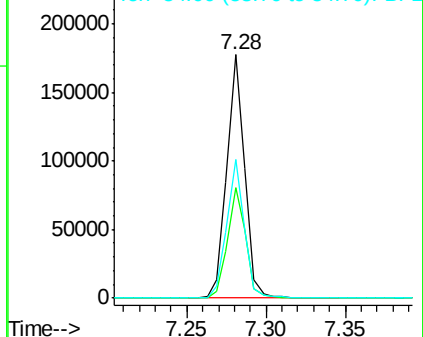
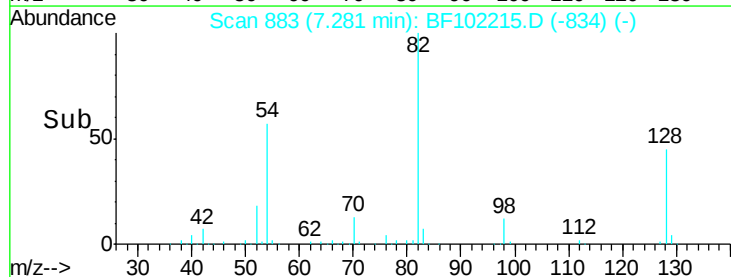


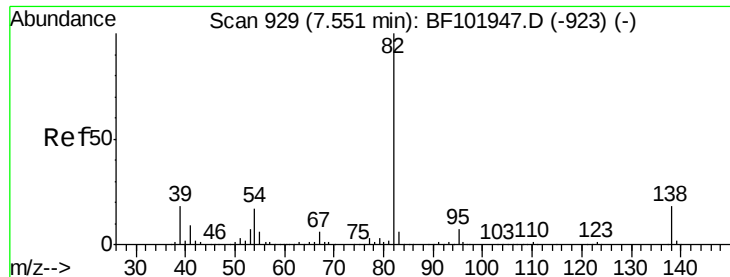
#23
Nitrobenzene-d5
Concen: 14.466 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102215.D
Acq: 19 Jan 2018 11:57

Tgt Ion:	82	Resp:	138635
Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.1	54.1
54	57.1	41.4	62.2



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





#25

Isophorone

Concen: 7.304 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.27 min

Lab File: BF102215.D

Acq: 19 Jan 2018 11:57

Instrument :

BNA_F

ClientSampleId :

A2_SB74-100_N_8

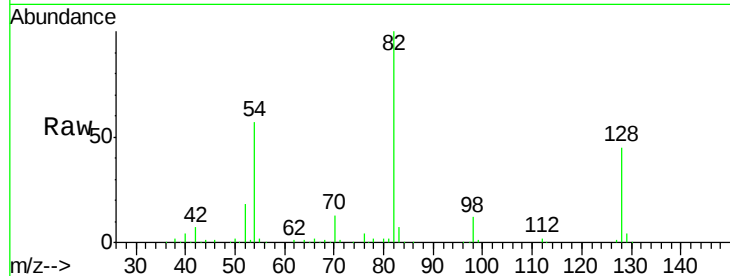
Tgt Ion: 82 Resp: 138299

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

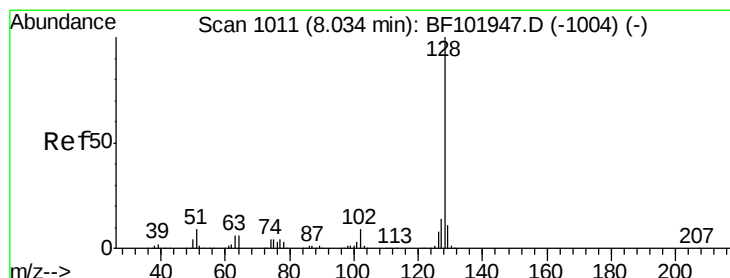
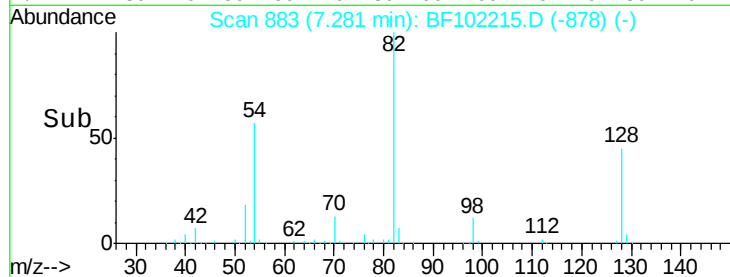
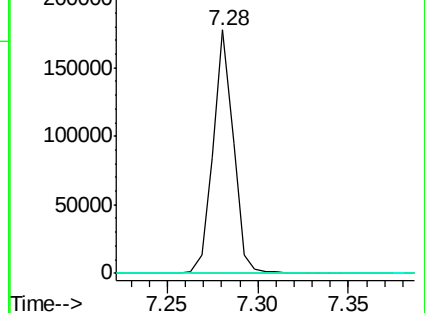
138 0.0 14.9 22.3#



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: 28.872 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.00 min

Lab File: BF102215.D

Acq: 19 Jan 2018 11:57

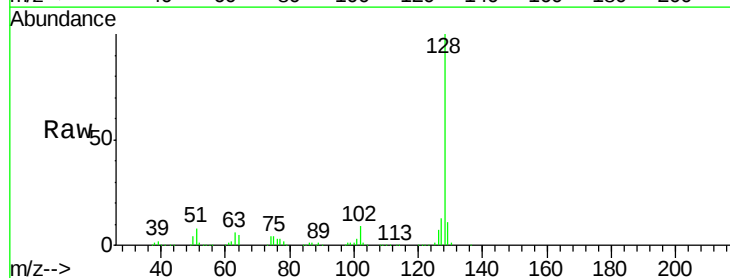
Tgt Ion: 128 Resp: 812461

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

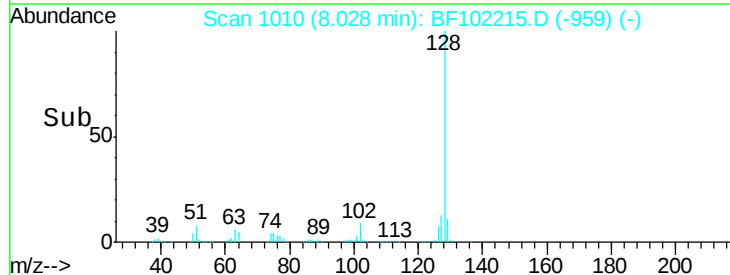
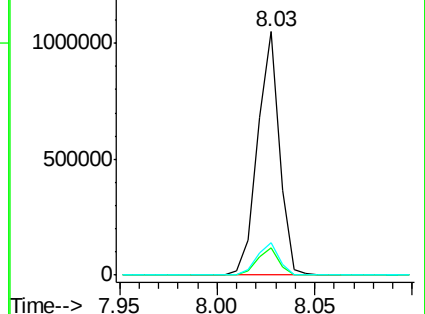
127 13.5 10.9 16.3

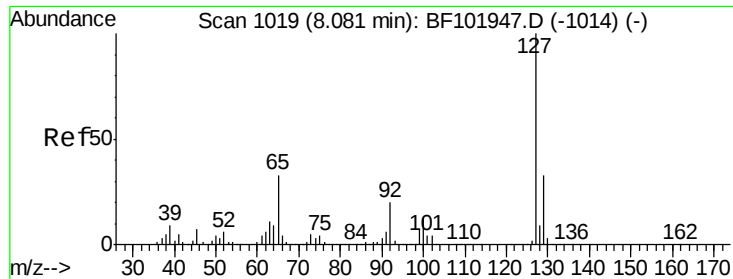


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

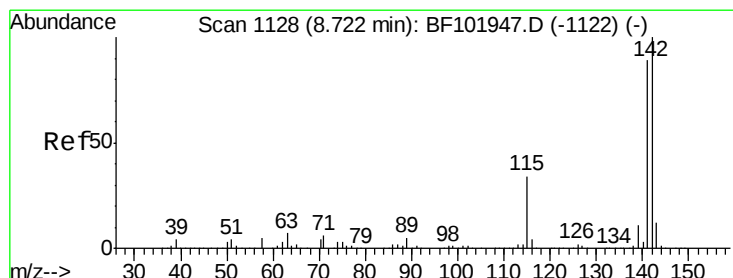
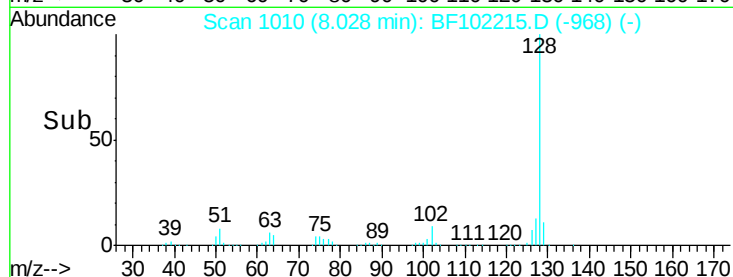
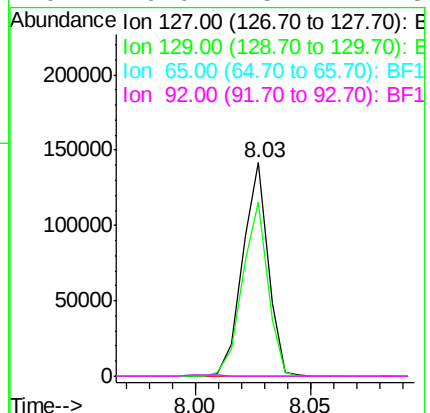
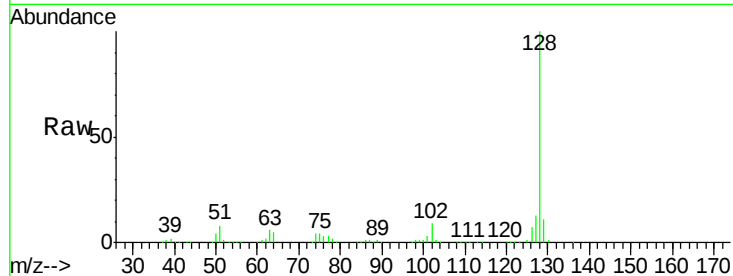




#33
4-Chloroaniline
Concen: 9.143 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.05 min
Lab File: BF102215.D
Acq: 19 Jan 2018 11:57

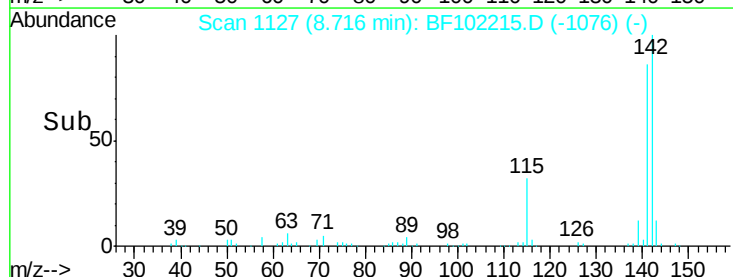
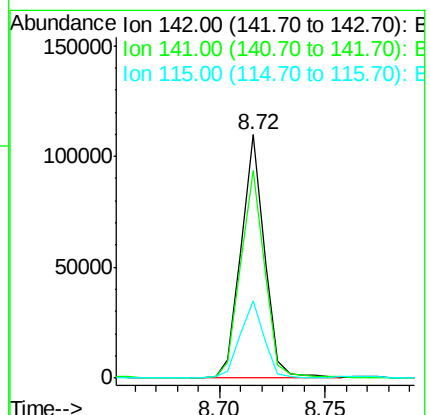
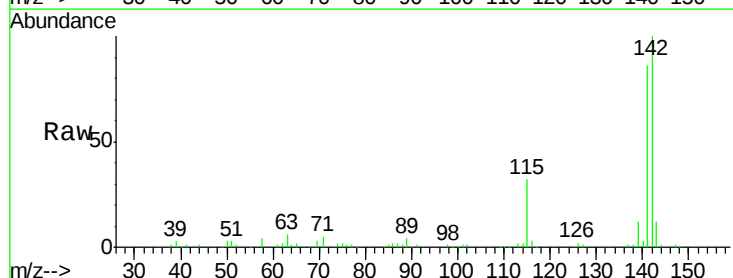
Instrument :
BNA_F
ClientSampleId :
A2_SB74-100_N_8

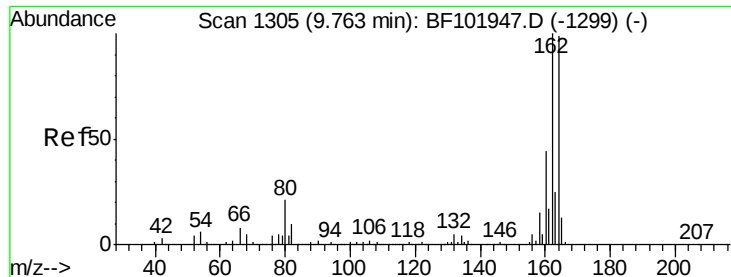
Tgt Ion:	127	Resp:	109818
Ion	Ratio	Lower	Upper
127	100		
129	81.7	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#



#37
2-Methylnaphthalene
Concen: 4.560 ng
RT: 8.72 min Scan# 1127
Delta R.T. -0.00 min
Lab File: BF102215.D
Acq: 19 Jan 2018 11:57

Tgt Ion:	142	Resp:	84482
Ion	Ratio	Lower	Upper
142	100		
141	85.6	70.8	106.2
115	31.9	26.1	39.1

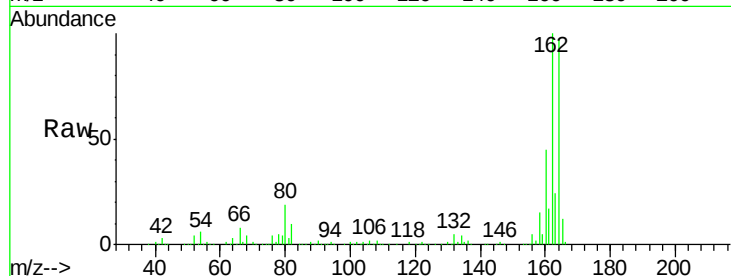




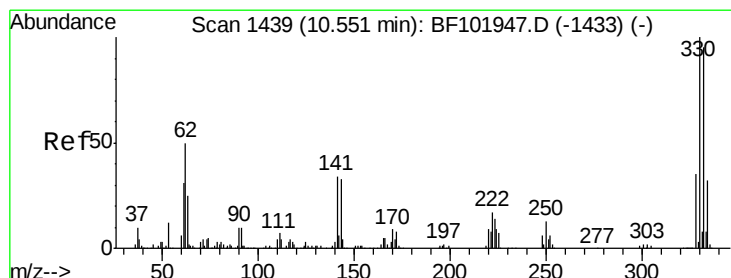
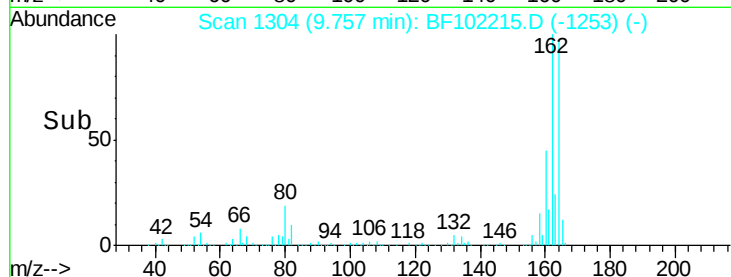
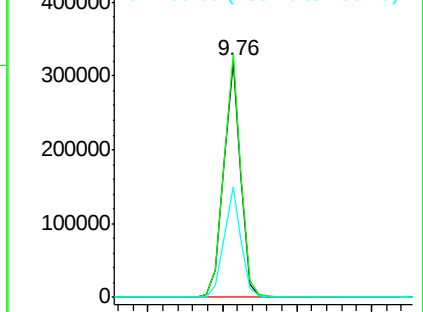
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.00 min
 Lab File: BF102215.D
 Acq: 19 Jan 2018 11:57

Instrument :
 BNA_F
 ClientSampleId :
 A2_SB74-100_N_8

Tgt Ion:164 Resp: 259052
 Ion Ratio Lower Upper
 164 100
 162 103.2 86.1 129.1
 160 46.8 38.3 57.5

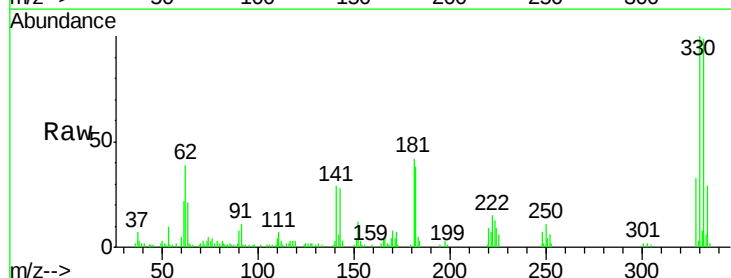


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

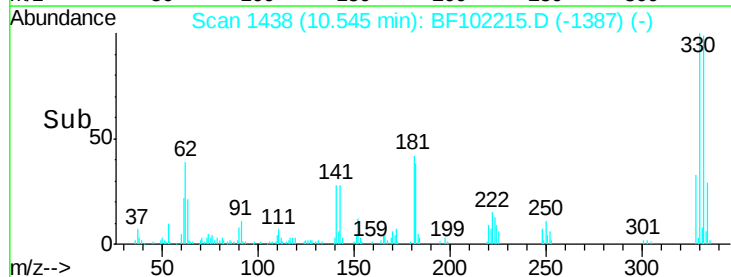
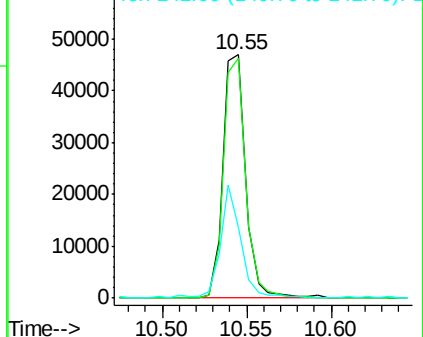


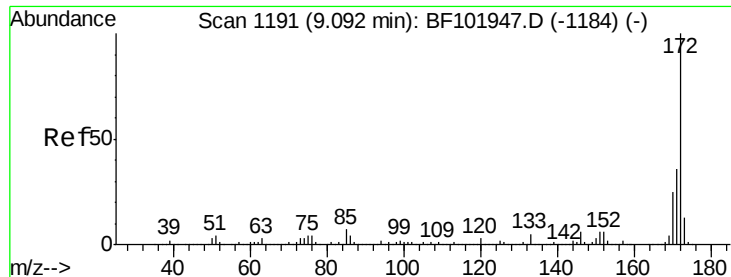
#41
 2,4,6-Tribromophenol
 Concen: 19.477 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF102215.D
 Acq: 19 Jan 2018 11:57

Tgt Ion:330 Resp: 44033
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 42.8 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

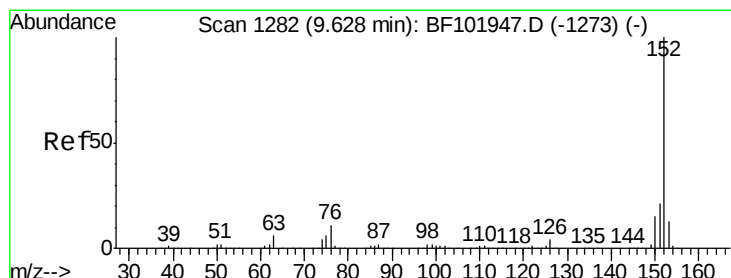
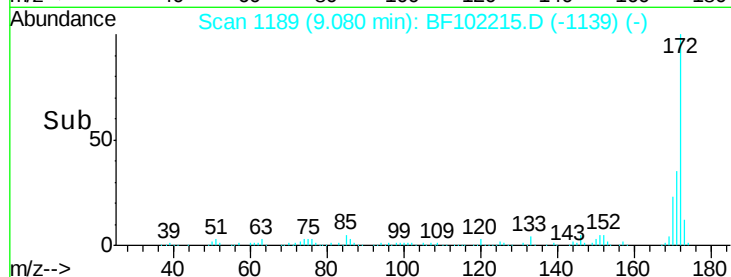
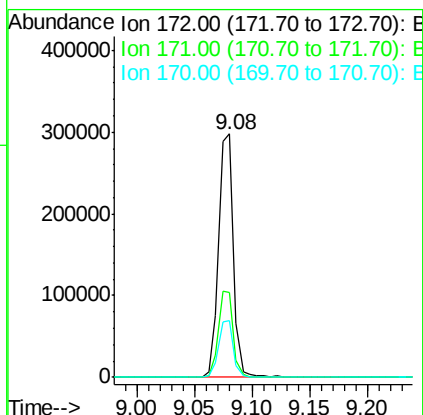
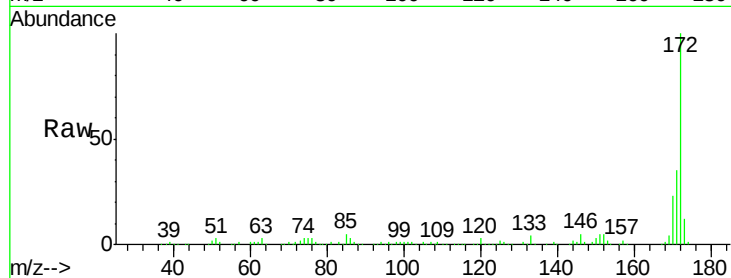




#44
2-Fluorobiphenyl
Concen: 16.088 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102215.D
Acq: 19 Jan 2018 11:57

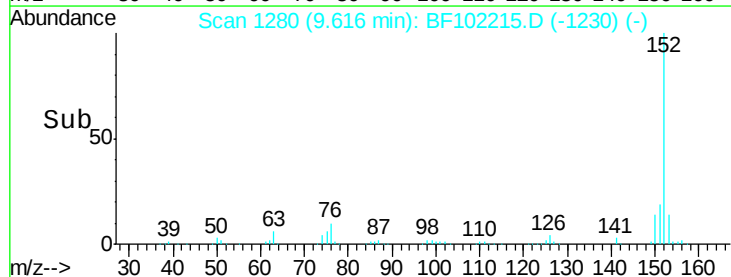
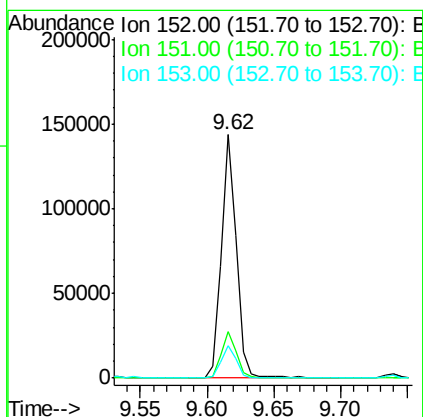
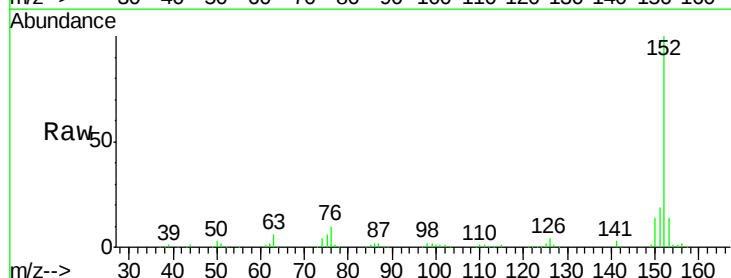
Instrument :
BNA_F
ClientSampleId :
A2_SB74-100_N_8

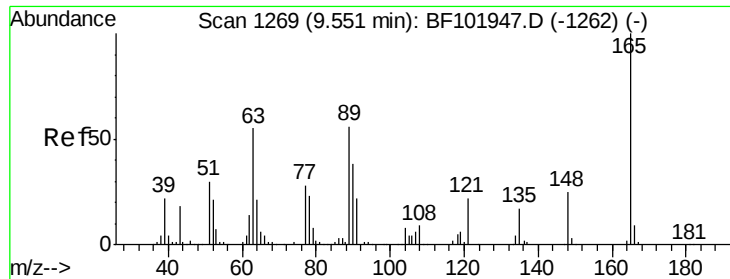
Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.7	44.5
170	23.1	19.6	29.4



#48
Acenaphthylene
Concen: 4.081 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF102215.D
Acq: 19 Jan 2018 11:57

Tgt Ion	Ratio	Lower	Upper
152	100		
151	18.9	16.3	24.5
153	13.5	10.7	16.1

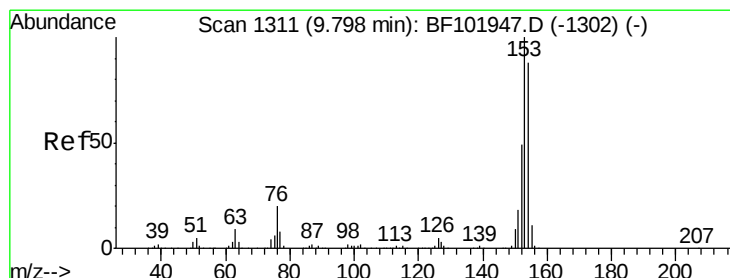
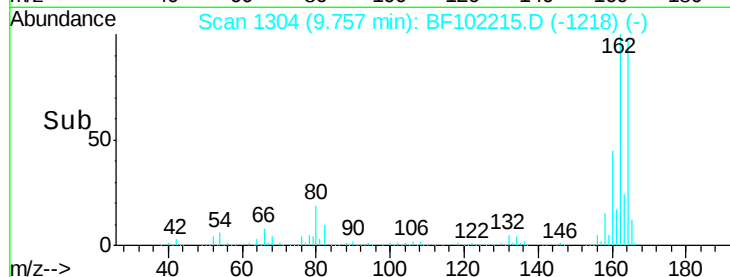
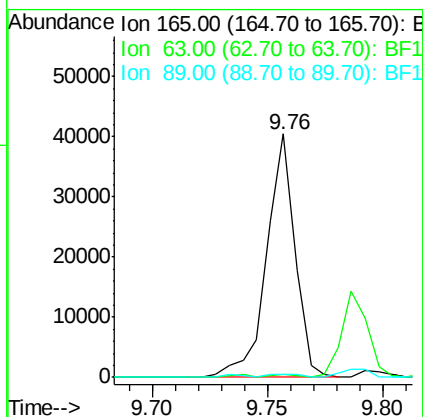
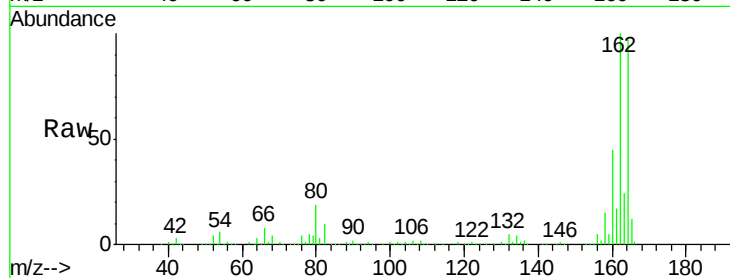




#50
2,6-Dinitrotoluene
Concen: 8.339 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.21 min
Lab File: BF102215.D
Acq: 19 Jan 2018 11:57

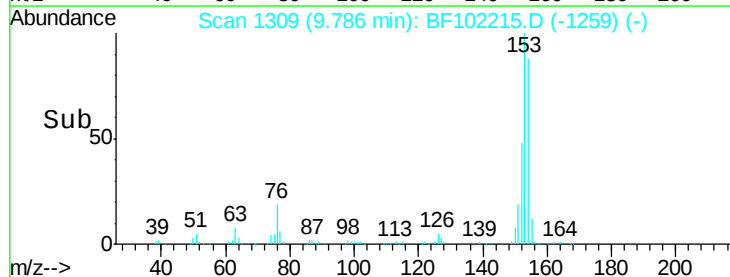
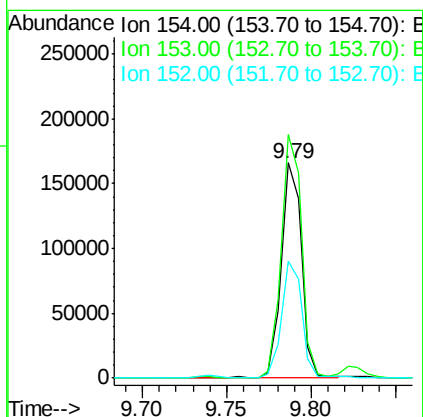
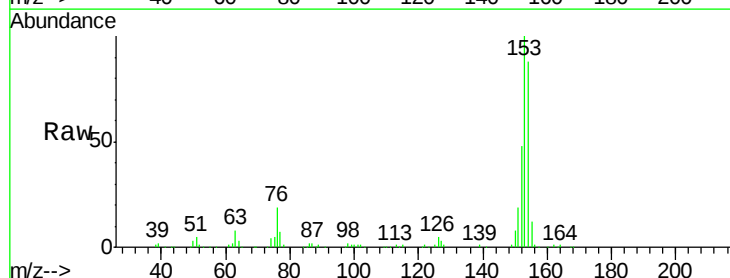
Instrument :
BNA_F
ClientSampleId :
A2_SB74-100_N_8

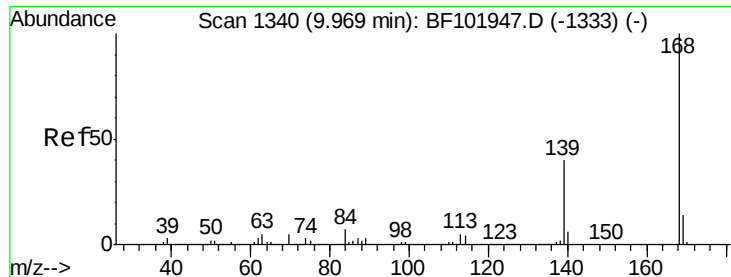
Tgt Ion:165 Resp: 34616
Ion Ratio Lower Upper
165 100
63 1.4 44.7 67.1#
89 1.4 44.0 66.0#



#51
Acenaphthene
Concen: 8.130 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF102215.D
Acq: 19 Jan 2018 11:57

Tgt Ion:154 Resp: 139042
Ion Ratio Lower Upper
154 100
153 113.1 91.2 136.8
152 54.1 43.8 65.8

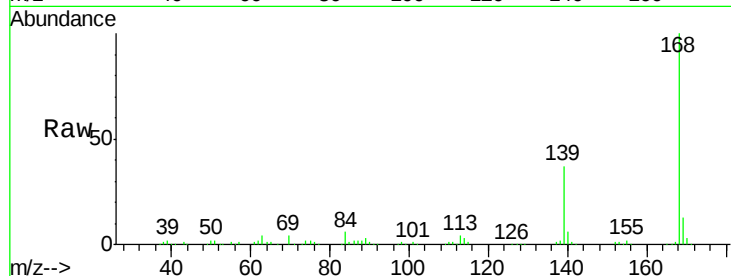




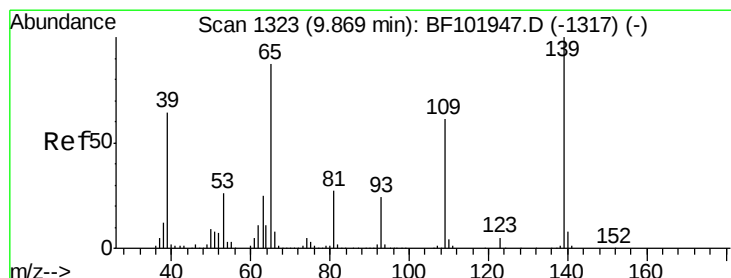
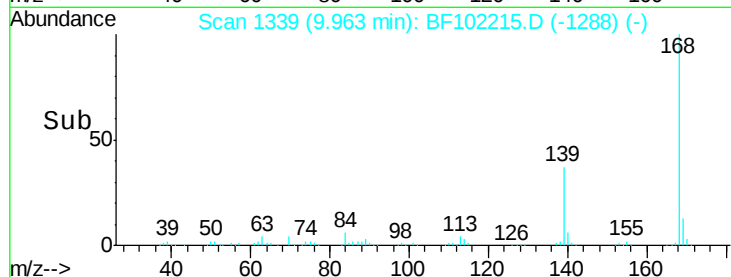
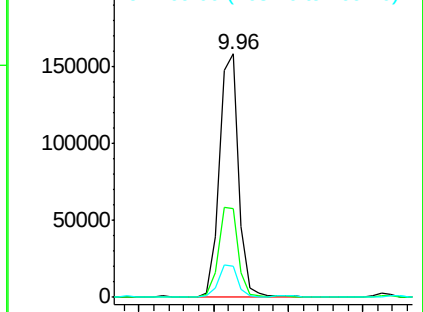
#54
Dibenzofuran
Concen: 6.156 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BF102215.D
Acq: 19 Jan 2018 11:57

Instrument :
BNA_F
ClientSampleId :
A2_SB74-100_N_8

Tgt Ion:168 Resp: 144494
Ion Ratio Lower Upper
168 100
139 36.7 30.1 45.1
169 12.9 10.9 16.3

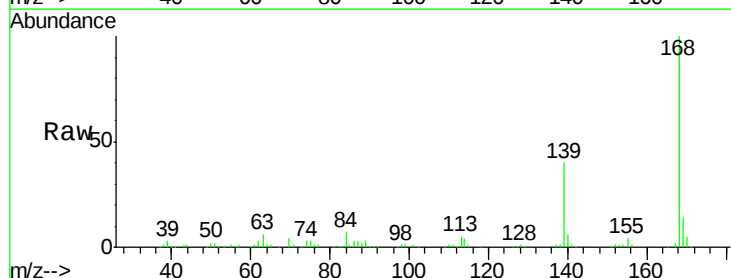


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

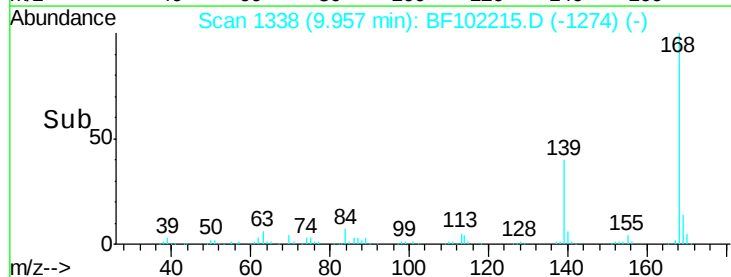
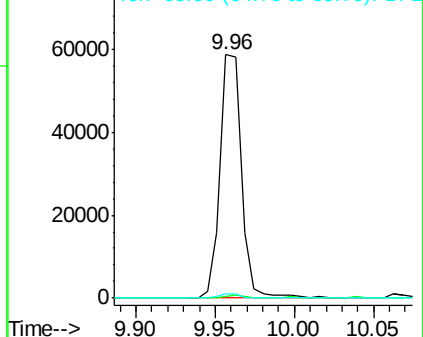


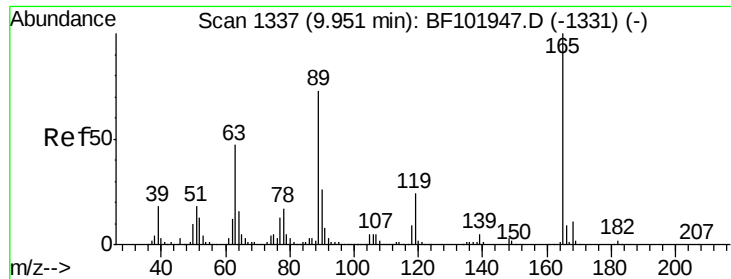
#55
4-Nitrophenol
Concen: 14.133 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.08 min
Lab File: BF102215.D
Acq: 19 Jan 2018 11:57

Tgt Ion:139 Resp: 55177
Ion Ratio Lower Upper
139 100
109 0.7 48.4 88.4#
65 1.6 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

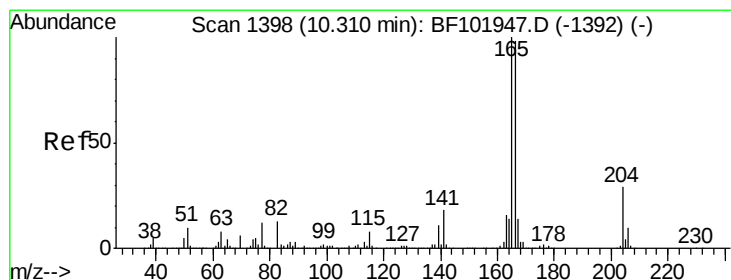
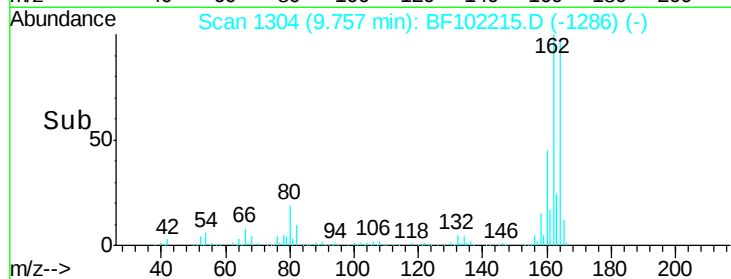
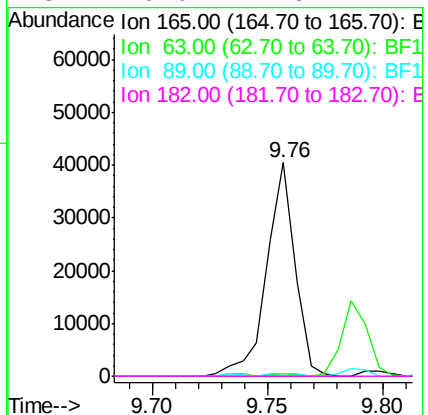
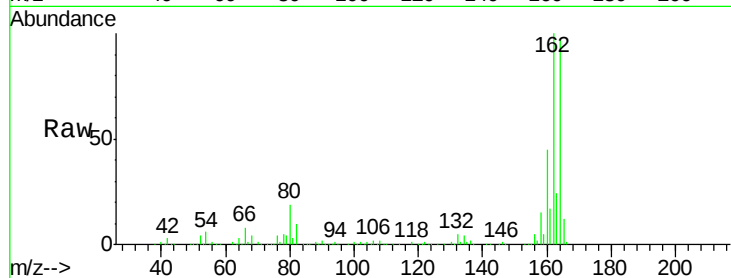




#56
2,4-Dinitrotoluene
Concen: 6.653 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.19 min
Lab File: BF102215.D
Acq: 19 Jan 2018 11:57

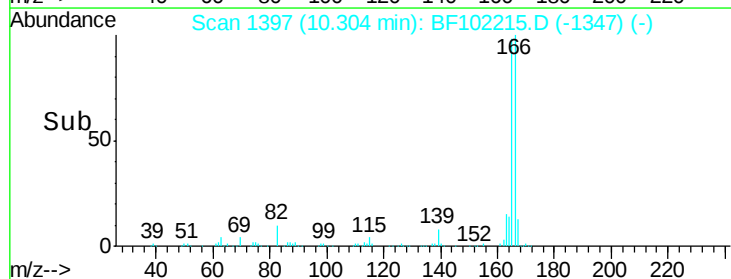
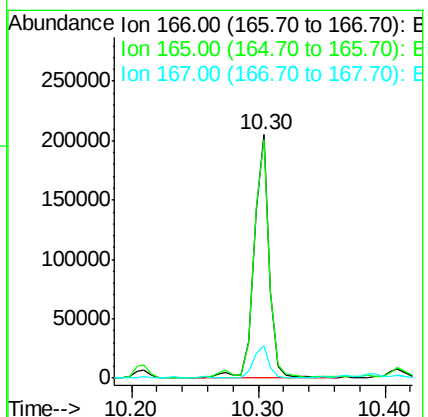
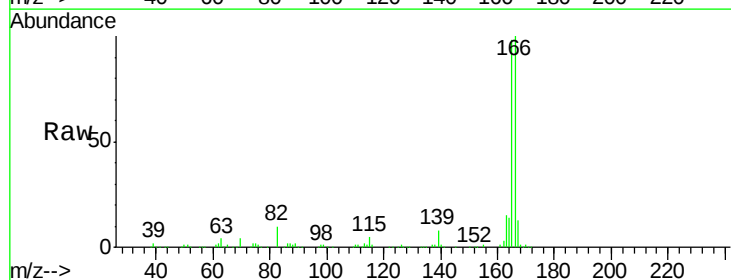
Instrument :
BNA_F
ClientSampleId :
A2_SB74-100_N_8

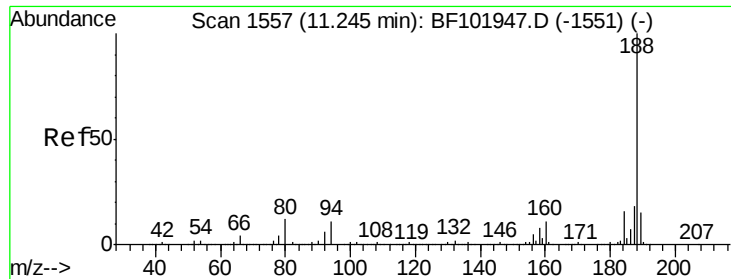
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#



#57
Fluorene
Concen: 10.528 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF102215.D
Acq: 19 Jan 2018 11:57

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.9	79.8	119.8
167	13.4	10.6	16.0

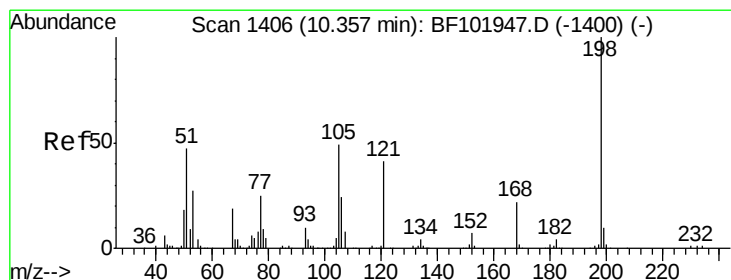
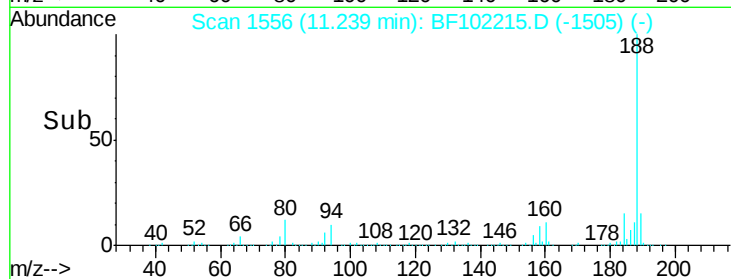
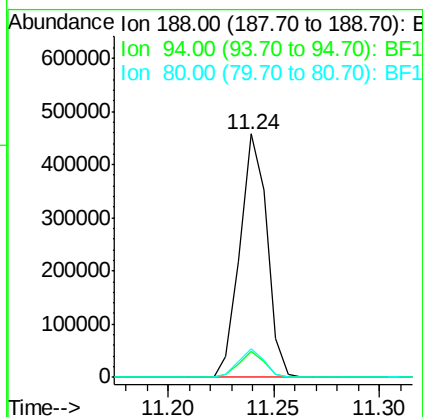
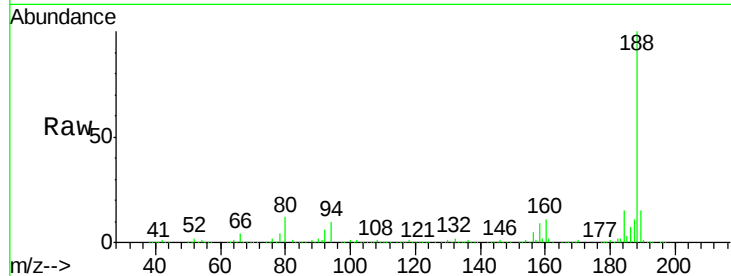




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.00 min
 Lab File: BF102215.D
 Acq: 19 Jan 2018 11:57

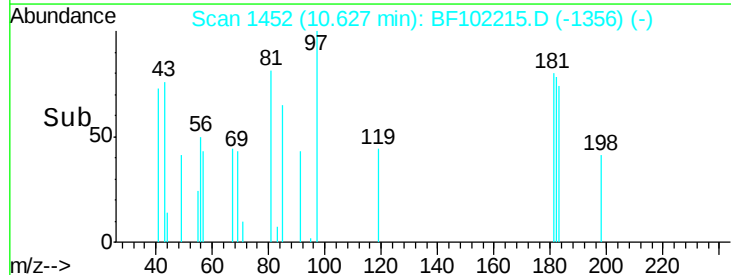
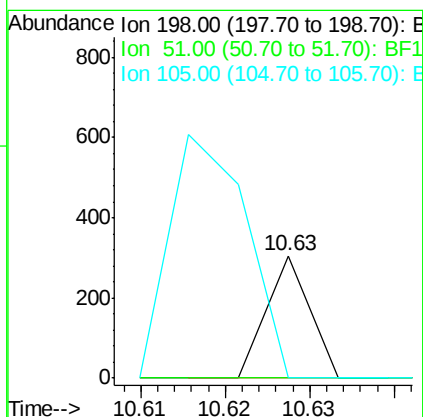
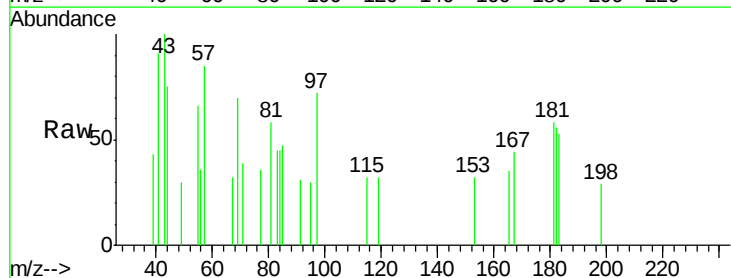
Instrument :
 BNA_F
 ClientSampleId :
 A2_SB74-100_N_8

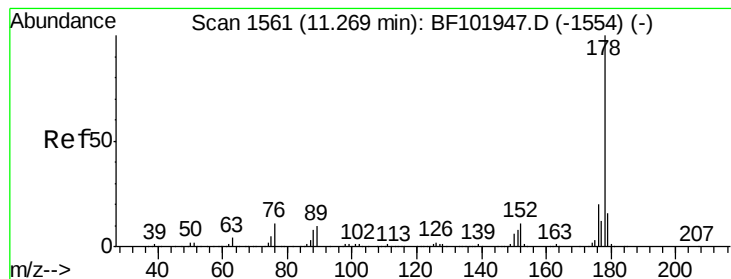
Tgt Ion:188 Resp: 406601
 Ion Ratio Lower Upper
 188 100
 94 10.5 8.5 12.7
 80 11.7 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.705 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.26 min
 Lab File: BF102215.D
 Acq: 19 Jan 2018 11:57

Tgt Ion:198 Resp: 108
 Ion Ratio Lower Upper
 198 100
 51 0.0 37.7 77.7#
 105 0.0 36.3 76.3#





#70

Phenanthrene

Concen: 31.419 ng

RT: 11.27 min Scan# 1561

Delta R.T. -0.00 min

Lab File: BF102215.D

Acq: 19 Jan 2018 11:57

Instrument :

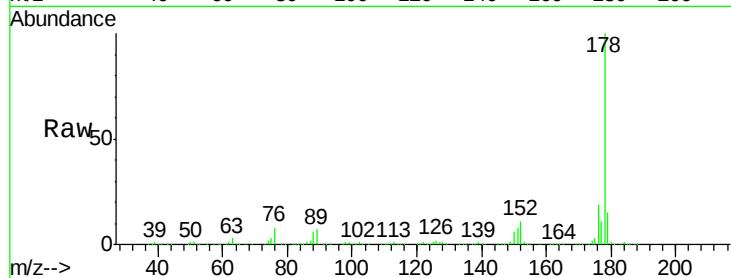
BNA_F

ClientSampleId :

A2_SB74-100_N_8

Tgt Ion:178 Resp: 746227

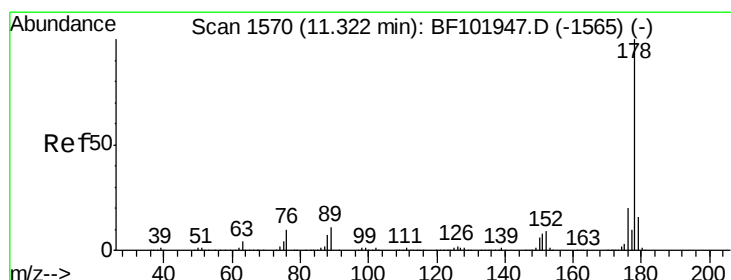
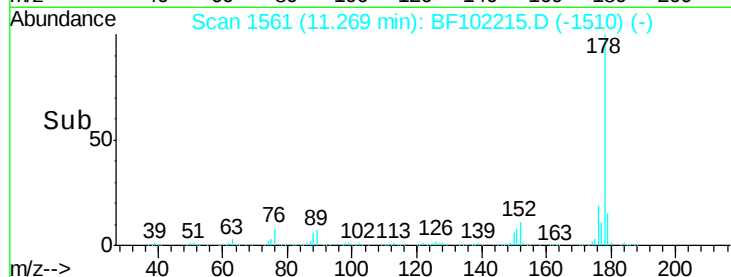
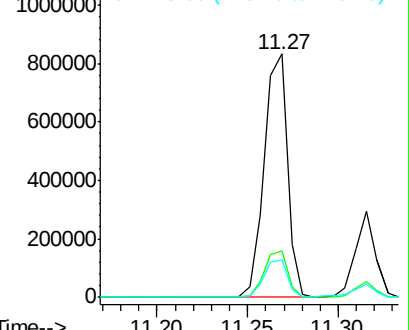
Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.2	13.0	19.6



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: 9.157 ng

RT: 11.32 min Scan# 1569

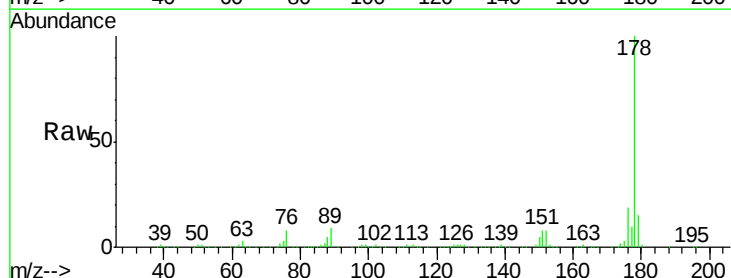
Delta R.T. -0.00 min

Lab File: BF102215.D

Acq: 19 Jan 2018 11:57

Tgt Ion:178 Resp: 220573

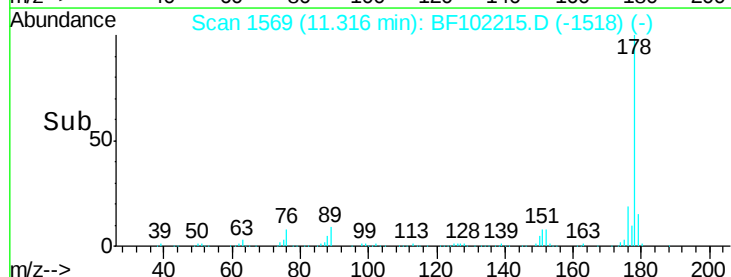
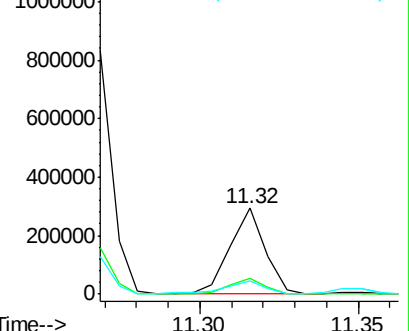
Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	15.1	12.6	19.0

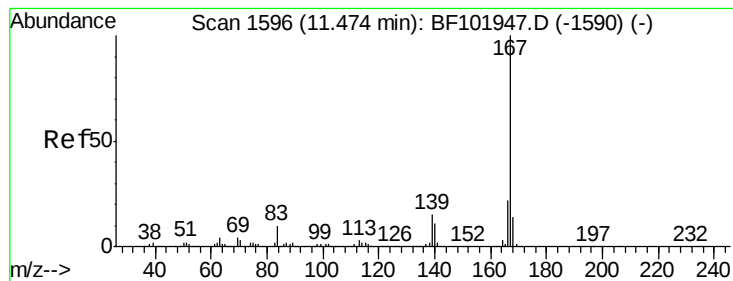


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 3.171 ng

RT: 11.47 min Scan# 1595

Delta R.T. -0.01 min

Lab File: BF102215.D

Acq: 19 Jan 2018 11:57

Instrument :

BNA_F

ClientSampleId :

A2_SB74-100_N_8

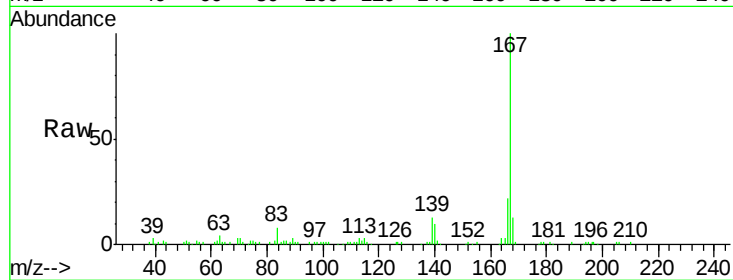
Tgt Ion:167 Resp: 75080

Ion Ratio Lower Upper

167 100

166 21.8 17.6 26.4

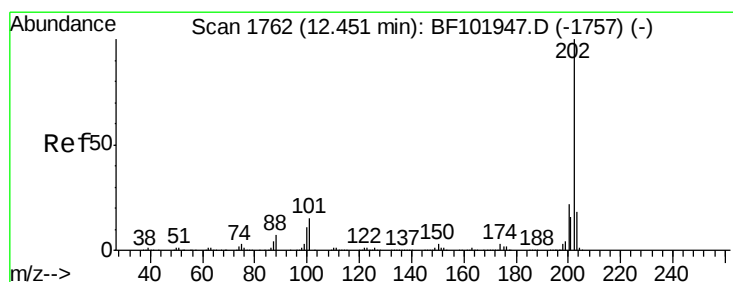
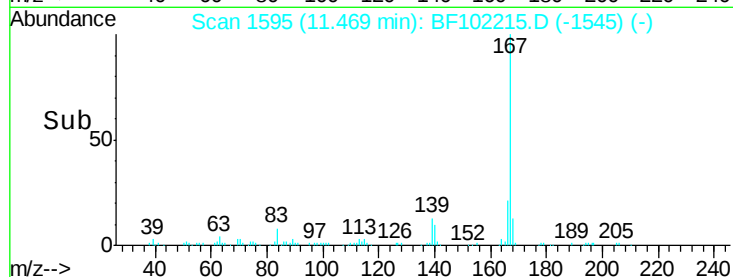
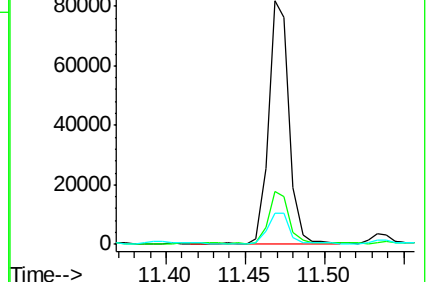
139 12.9 10.9 16.3



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: 33.760 ng

RT: 12.45 min Scan# 1762

Delta R.T. -0.00 min

Lab File: BF102215.D

Acq: 19 Jan 2018 11:57

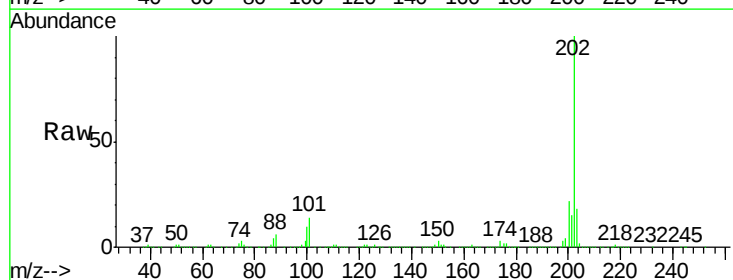
Tgt Ion:202 Resp: 788904

Ion Ratio Lower Upper

202 100

101 13.6 0.0 34.1

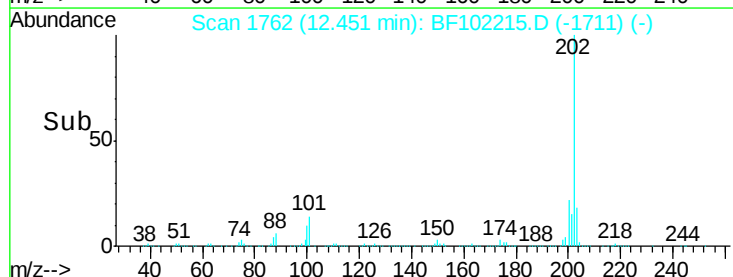
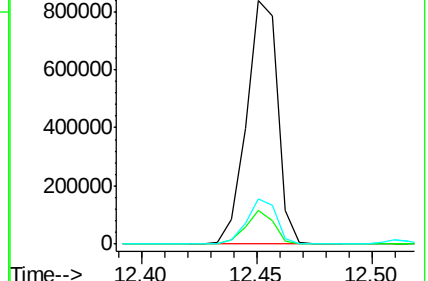
203 18.4 0.0 38.1

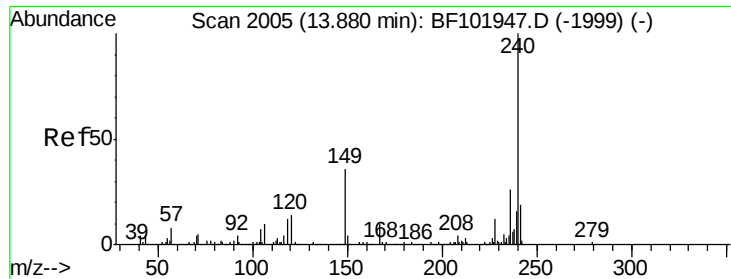


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BF102215.D

Acq: 19 Jan 2018 11:57

Instrument :

BNA_F

ClientSampleId :

A2_SB74-100_N_8

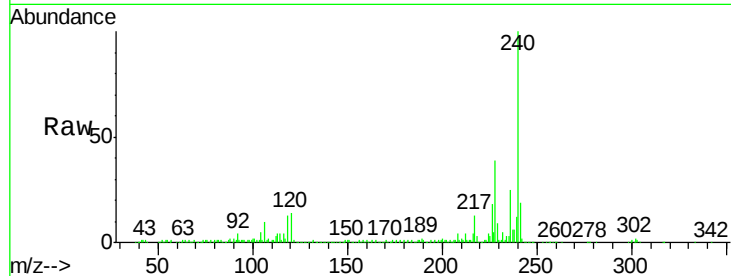
Tgt Ion:240 Resp: 288260

Ion Ratio Lower Upper

240 100

120 13.7 9.5 14.3

236 25.4 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

13.87

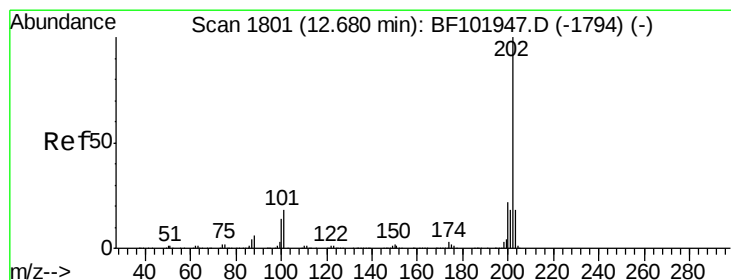
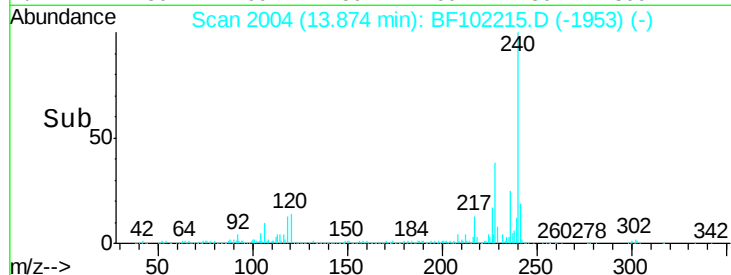
300000

200000

100000

0

Time--> 13.80 13.90



#77

Pyrene

Concen: 25.693 ng

RT: 12.68 min Scan# 1801

Delta R.T. -0.00 min

Lab File: BF102215.D

Acq: 19 Jan 2018 11:57

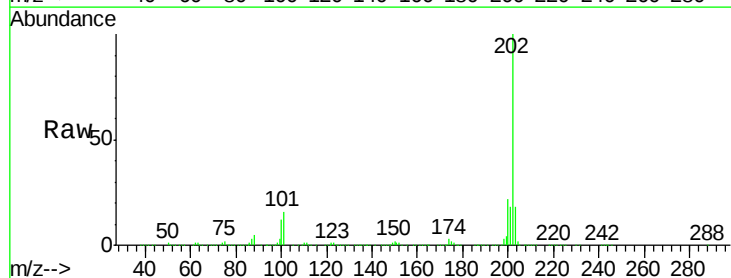
Tgt Ion:202 Resp: 654679

Ion Ratio Lower Upper

202 100

200 21.8 17.4 26.2

203 18.1 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

12.68

1000000

800000

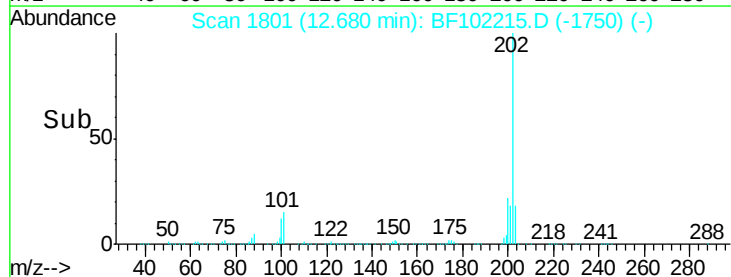
600000

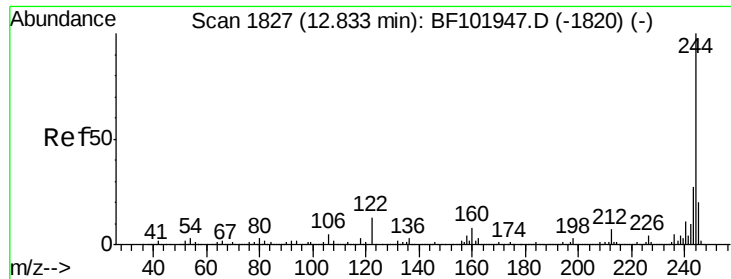
400000

200000

0

Time--> 12.65 12.70





#78

Terphenyl-d14

Concen: 15.630 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102215.D

Acq: 19 Jan 2018 11:57

Instrument :

BNA_F

ClientSampleId :

A2_SB74-100_N_8

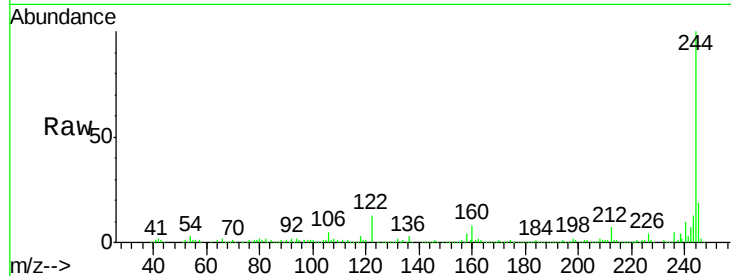
Tgt Ion:244 Resp: 217006

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

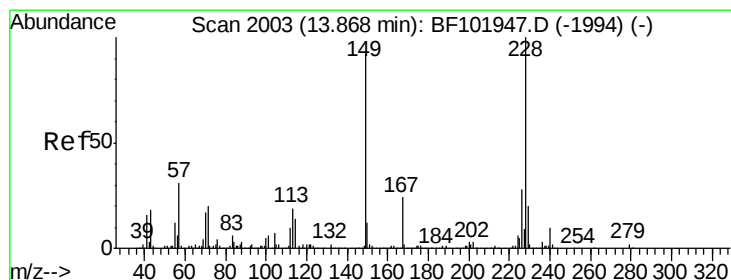
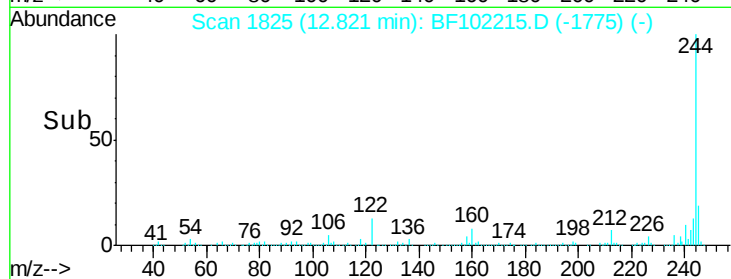
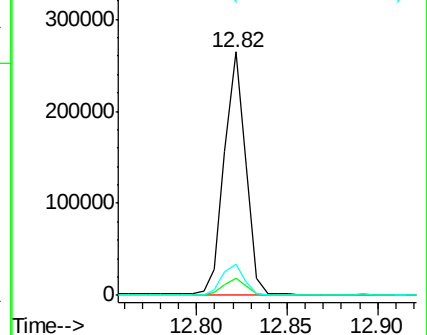
122 13.0 11.0 16.4



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: 14.998 ng

RT: 13.90 min Scan# 2008

Delta R.T. 0.04 min

Lab File: BF102215.D

Acq: 19 Jan 2018 11:57

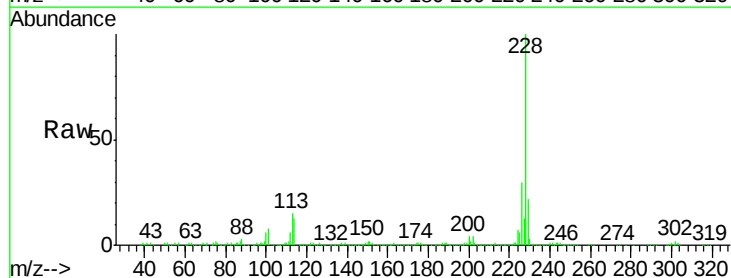
Tgt Ion:228 Resp: 275832

Ion Ratio Lower Upper

228 100

226 29.7 22.6 33.8

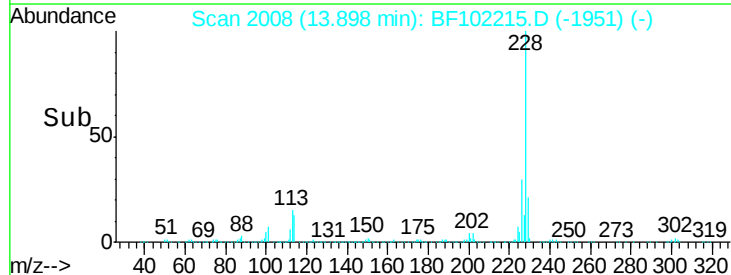
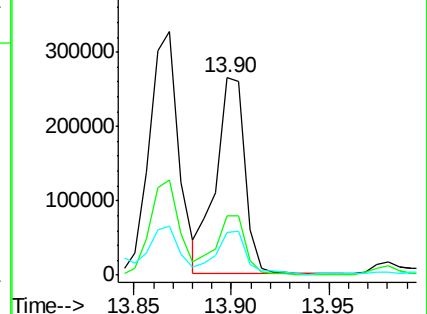
229 21.7 15.8 23.6

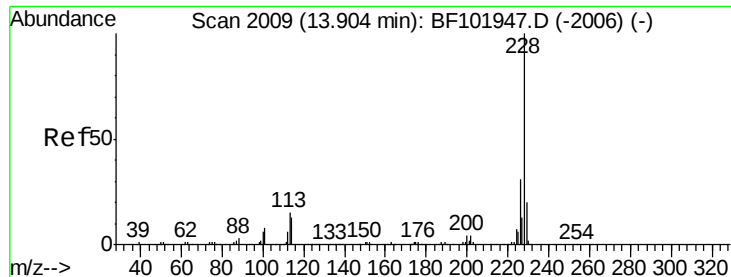


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 14.383 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF102215.D

Acq: 19 Jan 2018 11:57

Instrument :

BNA_F

ClientSampleId :

A2_SB74-100_N_8

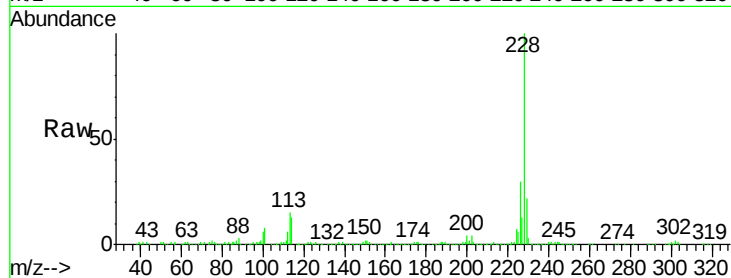
Tgt Ion:228 Resp: 275832

Ion Ratio Lower Upper

228 100

226 29.7 25.0 37.6

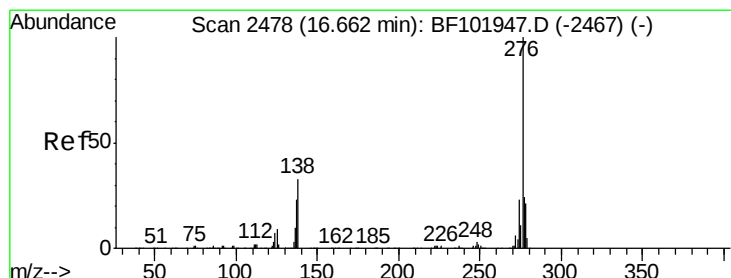
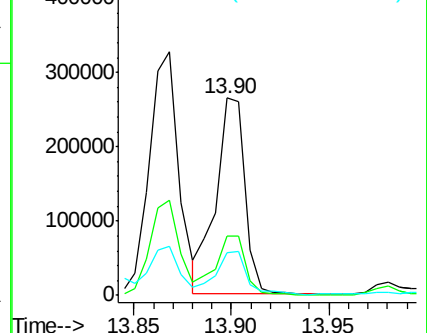
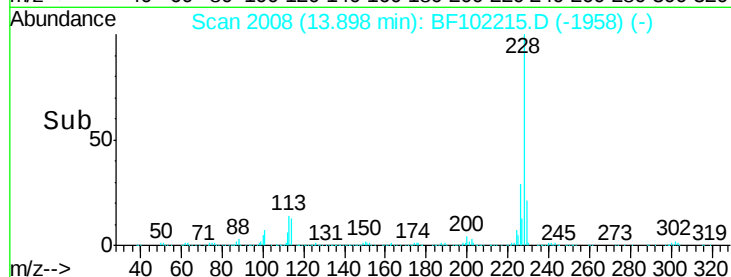
229 21.7 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 9.479 ng

RT: 16.67 min Scan# 2480

Delta R.T. 0.01 min

Lab File: BF102215.D

Acq: 19 Jan 2018 11:57

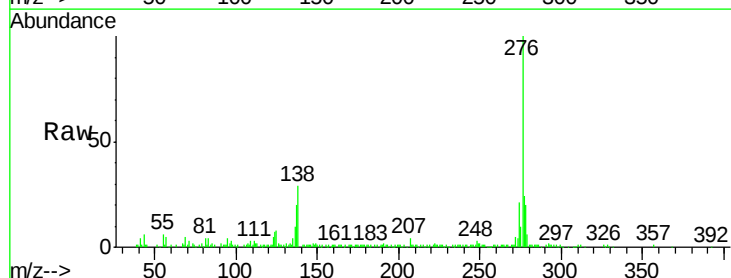
Tgt Ion:276 Resp: 132315

Ion Ratio Lower Upper

276 100

138 26.7 25.0 37.6

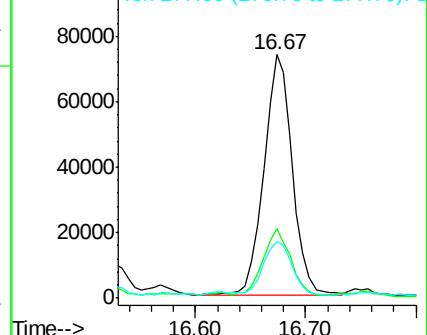
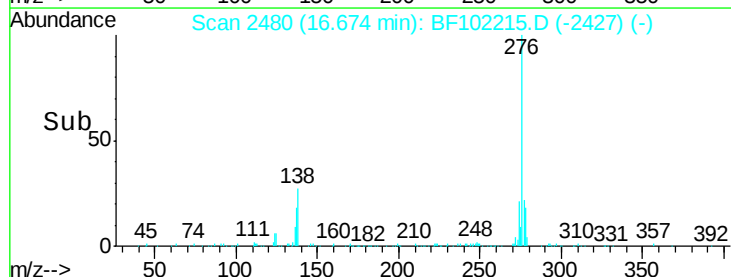
277 22.9 20.1 30.1

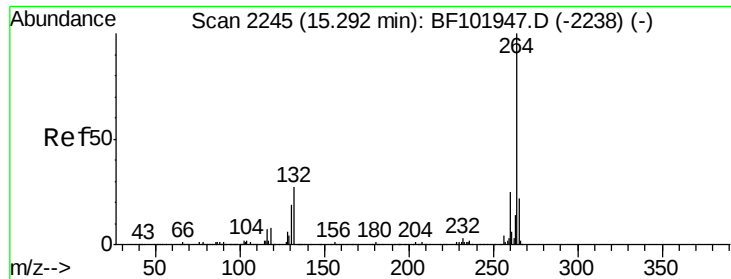


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.30 min Scan# 2246

Delta R.T. 0.01 min

Lab File: BF102215.D

Acq: 19 Jan 2018 11:57

Instrument :

BNA_F

ClientSampleId :

A2_SB74-100_N_8

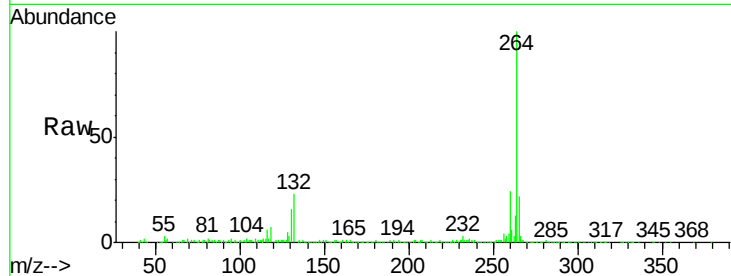
Tgt Ion:264 Resp: 263105

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

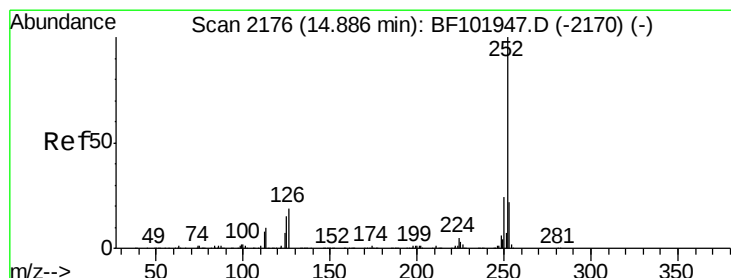
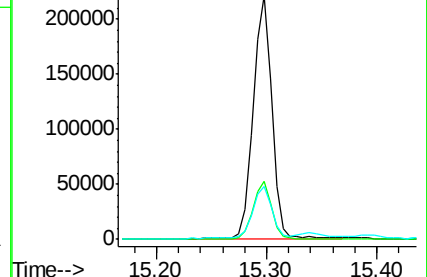
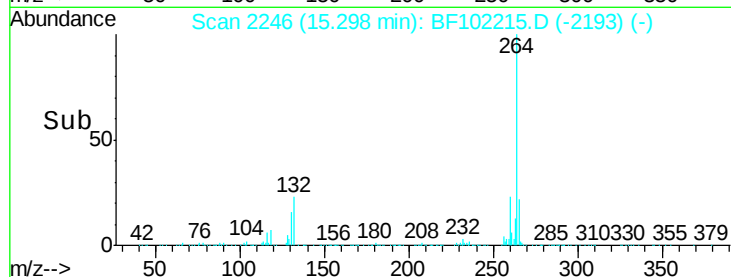
265 21.8 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 27.781 ng

RT: 14.89 min Scan# 2177

Delta R.T. 0.01 min

Lab File: BF102215.D

Acq: 19 Jan 2018 11:57

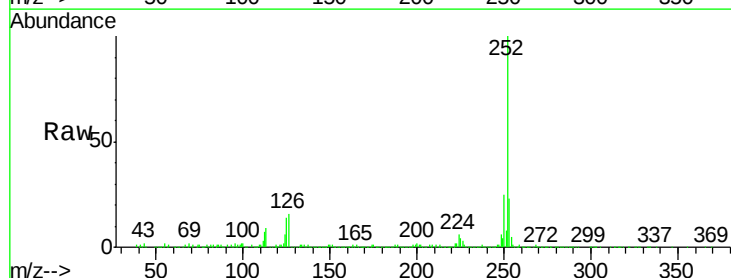
Tgt Ion:252 Resp: 476595

Ion Ratio Lower Upper

252 100

253 22.9 17.0 25.6

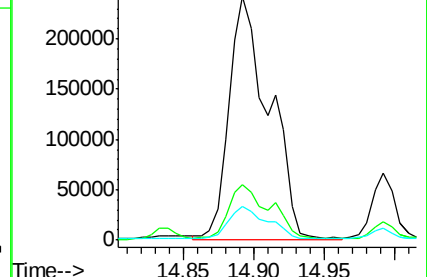
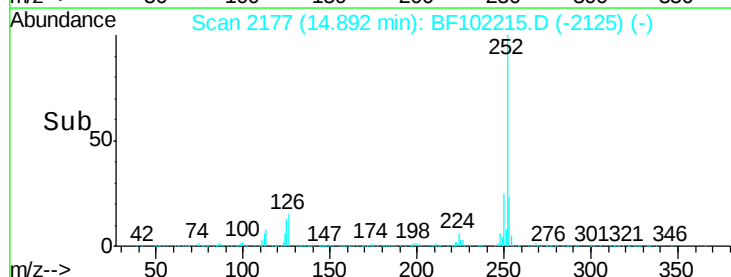
125 13.9 9.0 13.6#

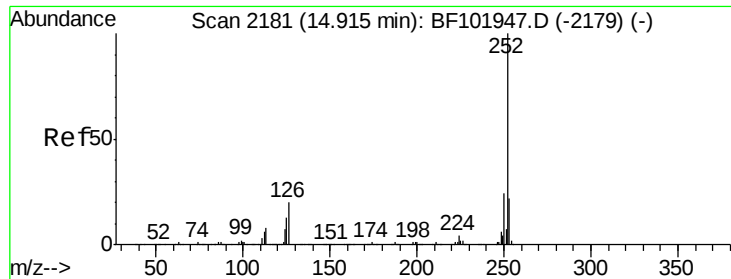


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

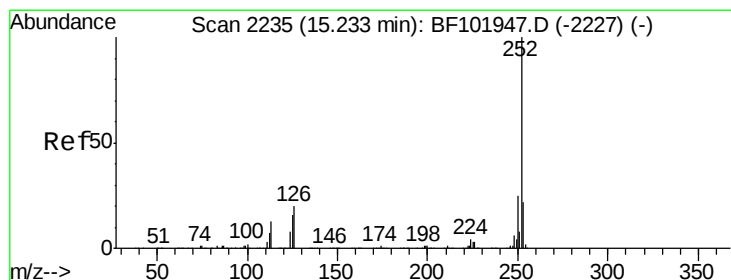
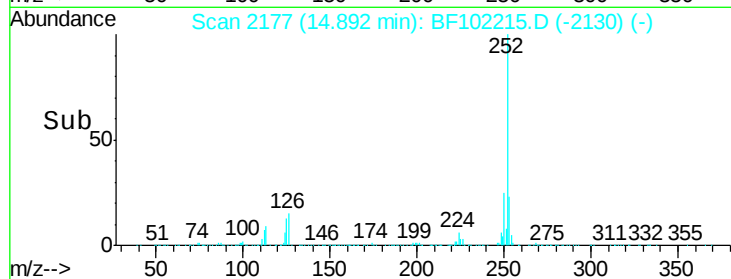
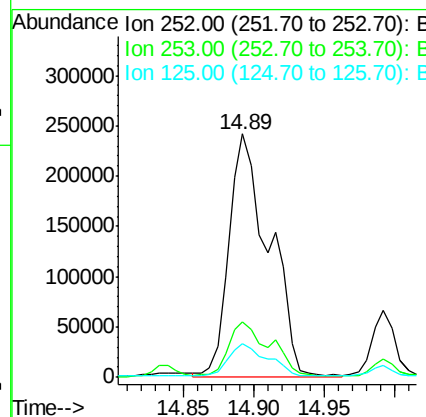
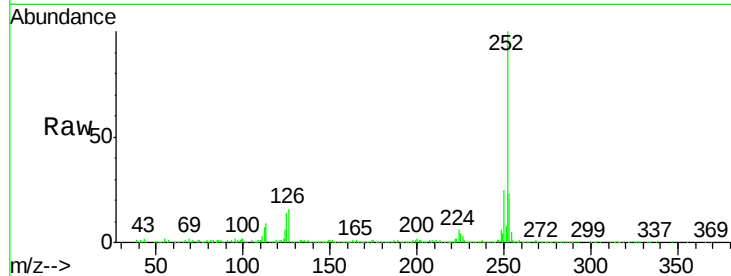




#88
Benzo(k)fluoranthene
Concen: 28.799 ng
RT: 14.89 min Scan# 2177
Delta R.T. -0.02 min
Lab File: BF102215.D
Acq: 19 Jan 2018 11:57

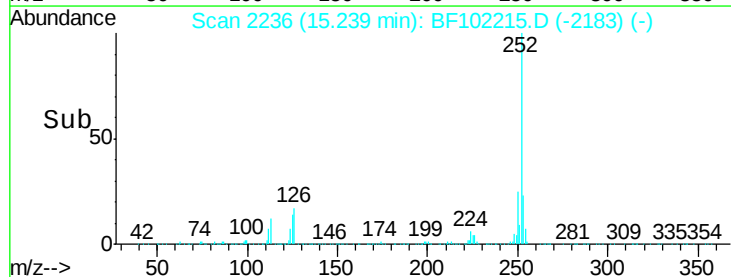
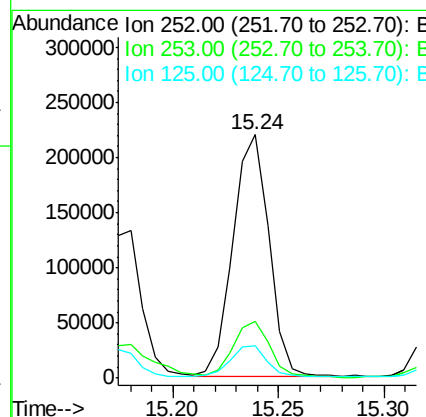
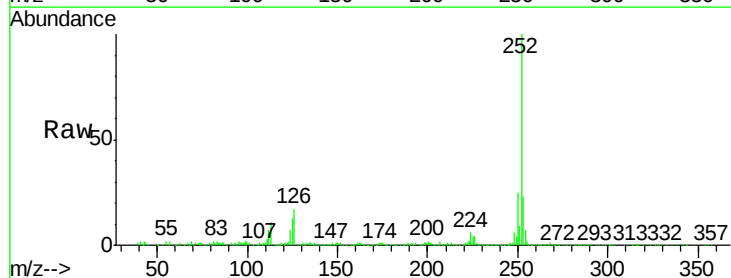
Instrument :
BNA_F
ClientSampleId :
A2_SB74-100_N_8

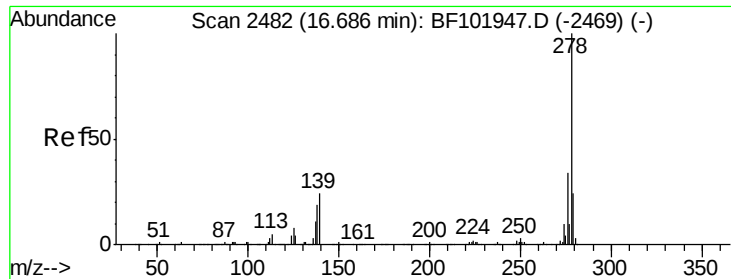
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	13.9	10.2	15.2



#89
Benzo(a)pyrene
Concen: 16.793 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.01 min
Lab File: BF102215.D
Acq: 19 Jan 2018 11:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.1	25.7
125	13.3	9.8	14.6





#90

Dibenzo(a,h)anthracene

Concen: 2.888 ng

RT: 16.69 min Scan# 2482

Delta R.T. 0.01 min

Lab File: BF102215.D

Acq: 19 Jan 2018 11:57

Instrument :

BNA_F

ClientSampleId :

A2_SB74-100_N_8

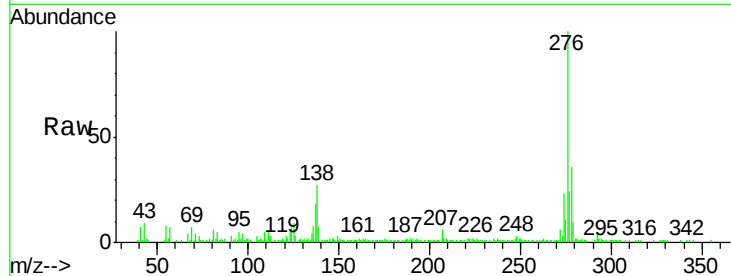
Tgt Ion:278 Resp: 35580

Ion Ratio Lower Upper

278 100

139 19.1 15.9 23.9

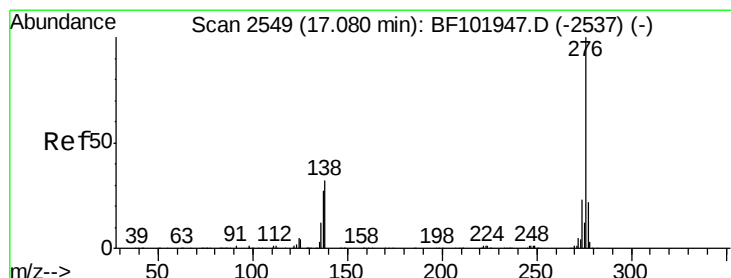
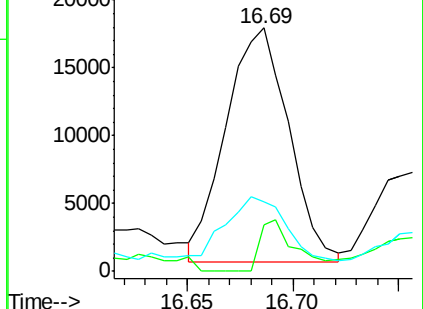
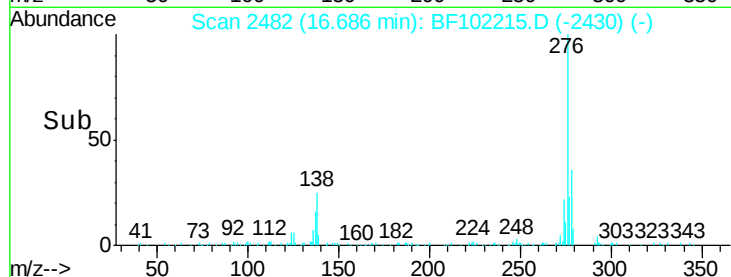
279 28.5 19.0 28.4#



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: 9.358 ng

RT: 17.09 min Scan# 2551

Delta R.T. 0.01 min

Lab File: BF102215.D

Acq: 19 Jan 2018 11:57

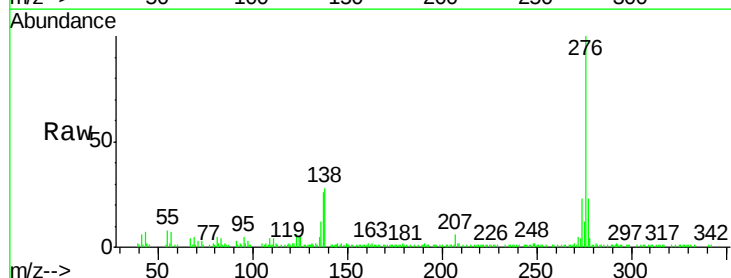
Tgt Ion:276 Resp: 116134

Ion Ratio Lower Upper

276 100

277 23.2 17.9 26.9

138 28.2 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

