

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF011118\
 Data File : BF102016.D
 Acq On : 11 Jan 2018 13:37
 Operator : SJ/JU
 Sample : J1076-19DL 100X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-43-01DL

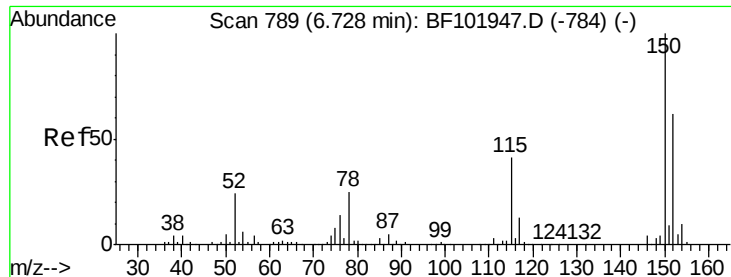
Quant Time: Jan 11 14:22:06 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 15:20:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	226995	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	936251	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	409552	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	682179	20.00	ng	0.00
75) Chrysene-d12	13.87	240	358586	20.00	ng	0.00
86) Perylene-d12	15.29	264	372363	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	2779	0.17	ng	0.00
7) Phenol-d6	6.35	99	4044	0.21	ng	0.00
23) Nitrobenzene-d5	7.28	82	2367	0.15	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	449	0.13	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	4898	0.19	ng	-0.01
78) Terphenyl-d14	12.82	244	4401	0.25	ng	-0.01

Target Compounds				Qvalue		
10) Phenol	6.36	94	129342	5.967	ng	97
20) 3+4-Methylphenols	7.13	107	82914	4.748	ng	90
31) Naphthalene	8.03	128	2976173	63.617	ng	98
33) 4-Chloroaniline	8.03	127	413577	20.712	ng	# 34
35) Caprolactam	8.72	113	10567	2.422	ng	# 1
37) 2-Methylnaphthalene	8.72	142	491694	15.965	ng	99
45) 1,1'-Biphenyl	9.18	154	128279	3.544	ng	99
48) Acenaphthylene	9.62	152	640984	14.388	ng	99
50) 2,6-Dinitrotoluene	9.76	165	61442	9.362	ng	# 25
51) Acenaphthene	9.79	154	121515	4.494	ng	99
54) Dibenzofuran	9.96	168	518314	13.967	ng	98
55) 4-Nitrophenol	9.96	139	199923	32.390	ng	# 10
57) Fluorene	10.30	166	602411	23.482	ng	100
70) Phenanthrene	11.27	178	1766242	44.324	ng	99
71) Anthracene	11.32	178	718403	17.776	ng	99
72) Carbazole	11.47	167	261829	6.591	ng	99
74) Fluoranthene	12.45	202	1166746	29.760	ng	99
77) Pyrene	12.68	202	884917	27.918	ng	99
80) Benzo(a)anthracene	13.90	228	257612	11.260	ng	94
82) Chrysene	13.90	228	257612	10.798	ng	96
85) Indeno(1,2,3-cd)pyrene	16.66	276	136555	7.865	ng	98
87) Benzo(b)fluoranthene	14.89	252	394847	16.263	ng	# 95
88) Benzo(k)fluoranthene	14.89	252	394847	16.858	ng	# 97
89) Benzo(a)pyrene	15.23	252	236452	10.823	ng	# 95
90) Dibenzo(a,h)anthracene	16.67	278	40620	2.330	ng	95
91) Benzo(g,h,i)perylene	17.07	276	120447	6.858	ng	95

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

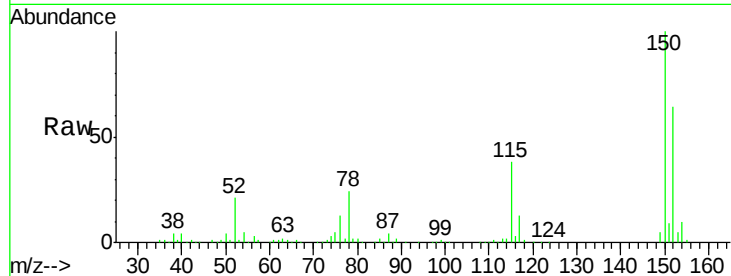


#1

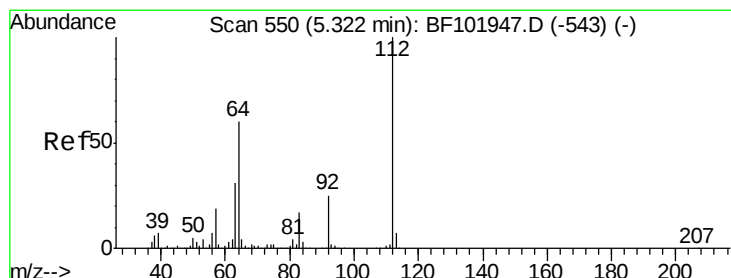
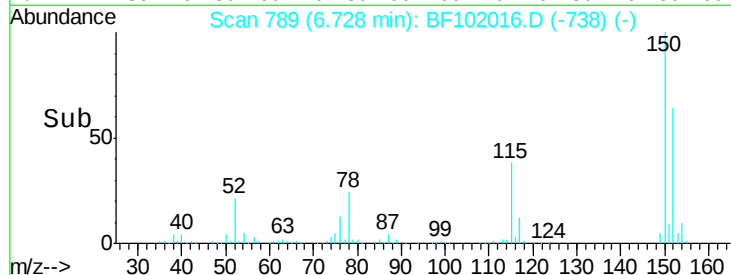
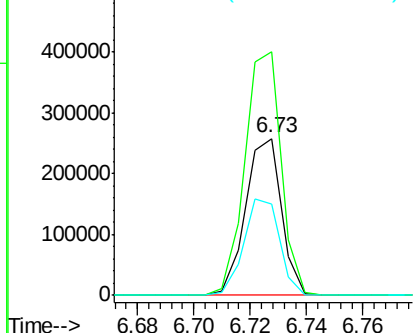
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF102016.D
Acq: 11 Jan 2018 13:37

Instrument :
BNA_F
ClientSampleId :
WC-43-01DL

Tgt Ion:152 Resp: 226995
Ion Ratio Lower Upper
152 100
150 155.5 124.6 186.8
115 58.7 50.1 75.1



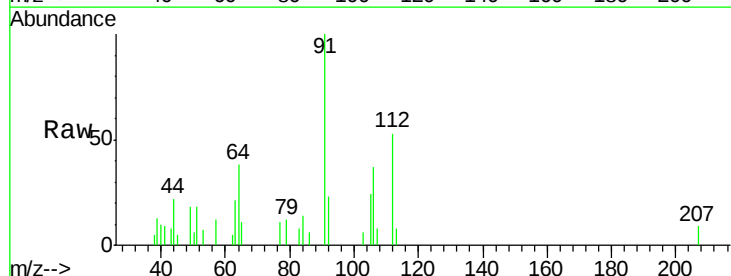
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



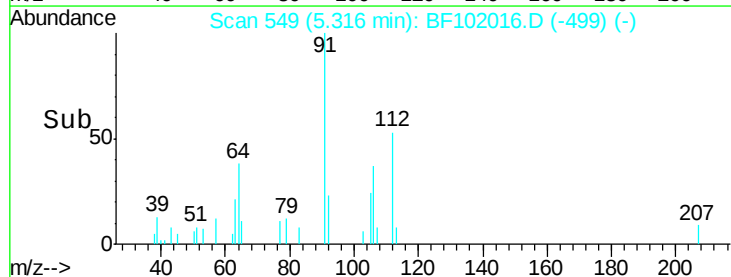
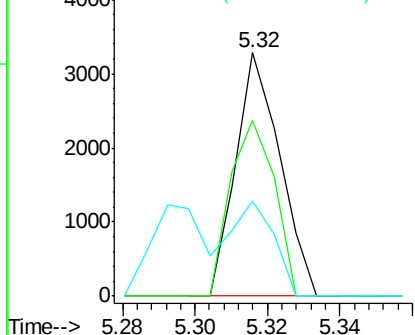
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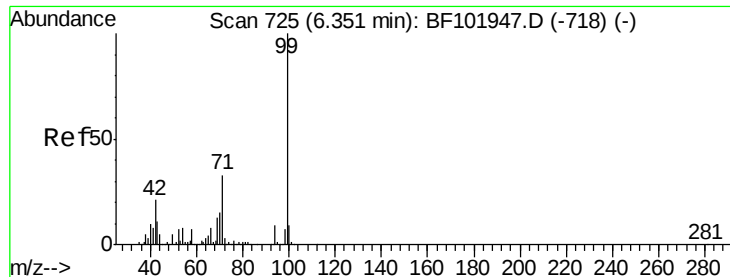
2-Fluorophenol
Concen: 0.173 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.01 min
Lab File: BF102016.D
Acq: 11 Jan 2018 13:37

Tgt Ion:112 Resp: 2779
Ion Ratio Lower Upper
112 100
64 72.2 47.9 71.9#
63 39.1 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: 0.211 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF102016.D

Acq: 11 Jan 2018 13:37

Instrument :

BNA_F

ClientSampleId :

WC-43-01DL

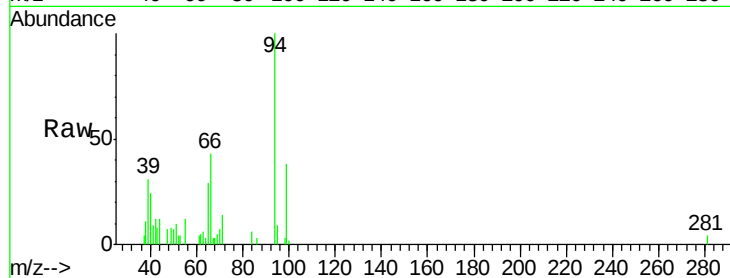
Tgt Ion: 99 Resp: 4044

Ion Ratio Lower Upper

99 100

42 30.7 14.5 21.7#

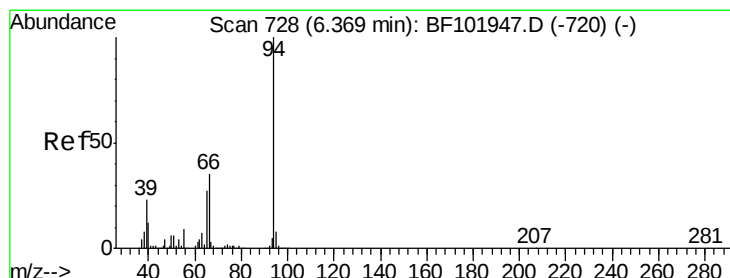
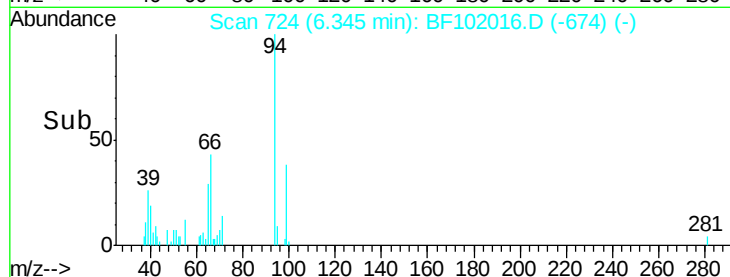
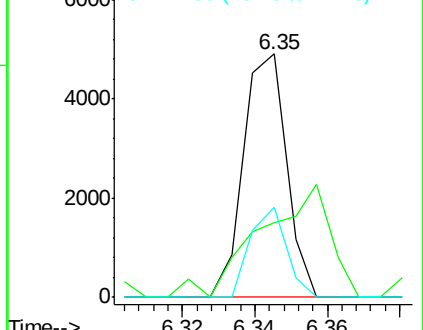
71 37.1 25.4 38.0



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



#10

Phenol

Concen: 5.967 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF102016.D

Acq: 11 Jan 2018 13:37

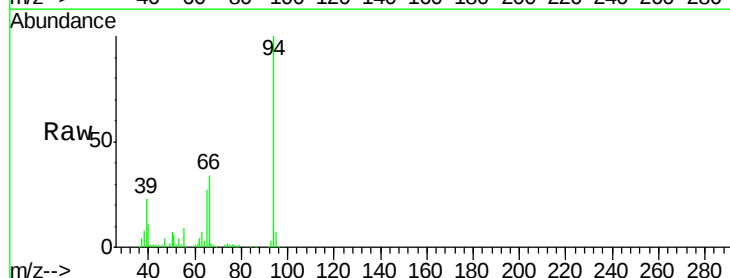
Tgt Ion: 94 Resp: 129342

Ion Ratio Lower Upper

94 100

65 27.1 7.9 47.9

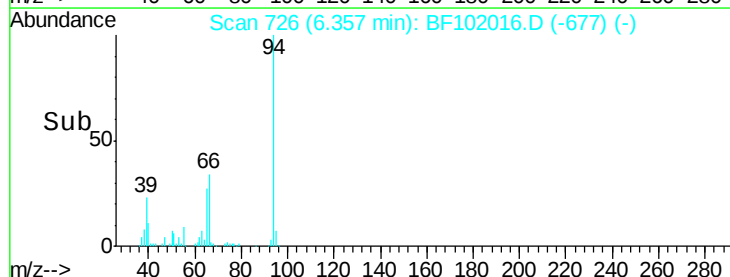
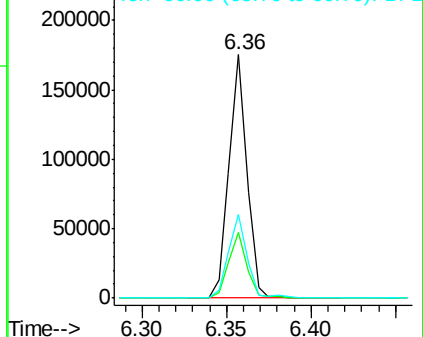
66 34.1 16.2 56.2

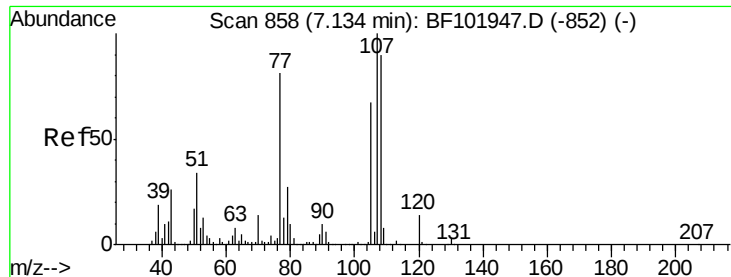


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

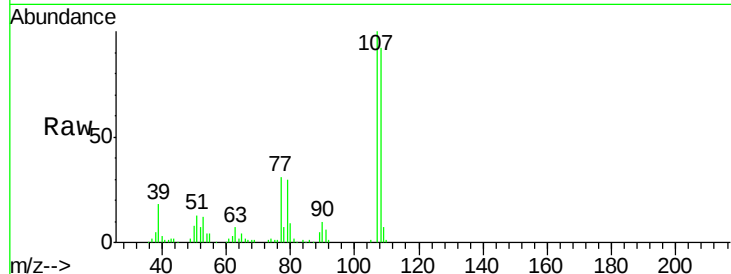




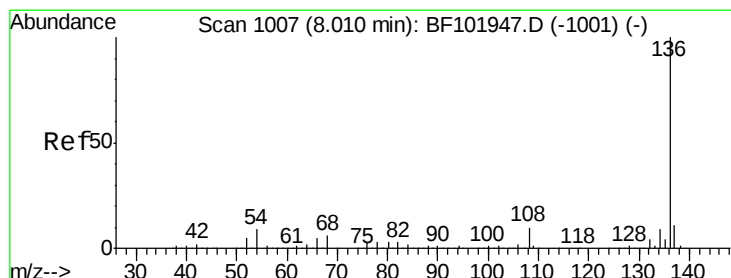
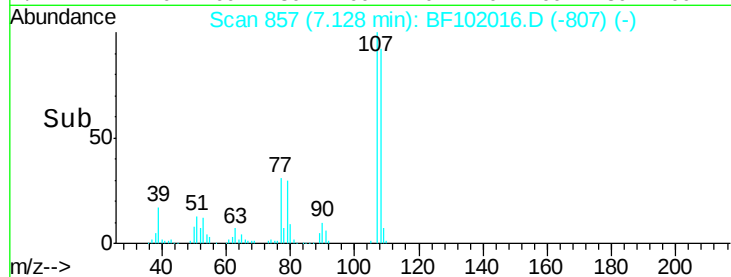
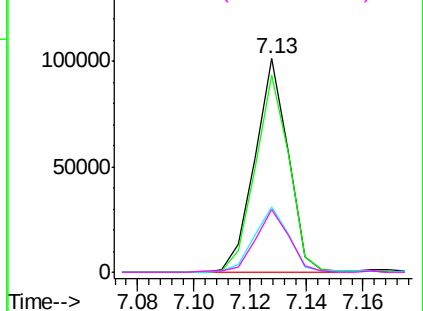
#20
 3+4-Methylphenols
 Concen: 4.748 ng
 RT: 7.13 min Scan# 857
 Delta R.T. -0.01 min
 Lab File: BF102016.D
 Acq: 11 Jan 2018 13:37

Instrument :
 BNA_F
 ClientSampleId :
 WC-43-01DL

Tgt Ion:	107	Resp:	82914
Ion	Ratio	Lower	Upper
107	100		
108	92.1	68.2	108.2
77	30.9	26.7	66.7
79	29.6	6.3	46.3

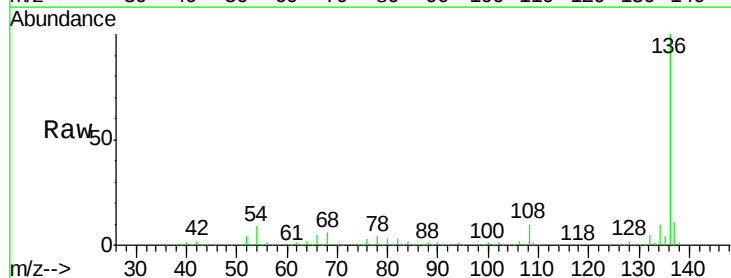


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BF1
 Ion 79.00 (78.70 to 79.70): BF1

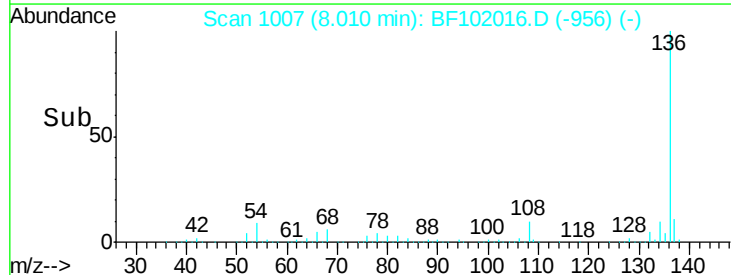
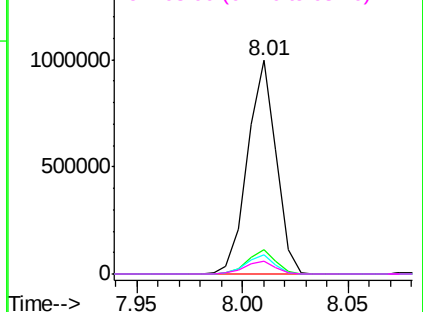


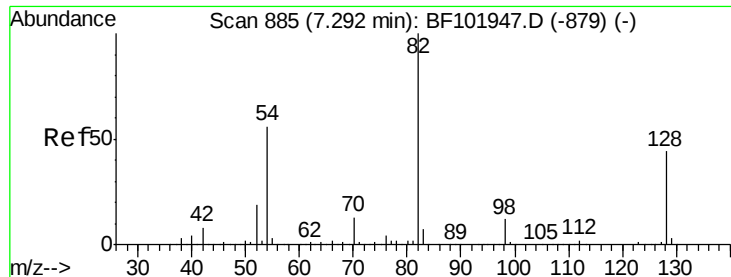
#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. -0.00 min
 Lab File: BF102016.D
 Acq: 11 Jan 2018 13:37

Tgt Ion:	136	Resp:	936251
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	8.8	6.6	9.8
68	6.1	5.0	7.4



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

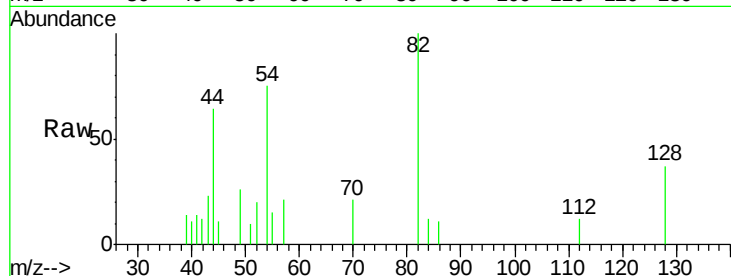




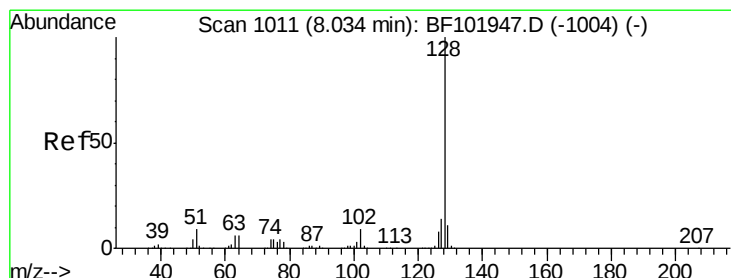
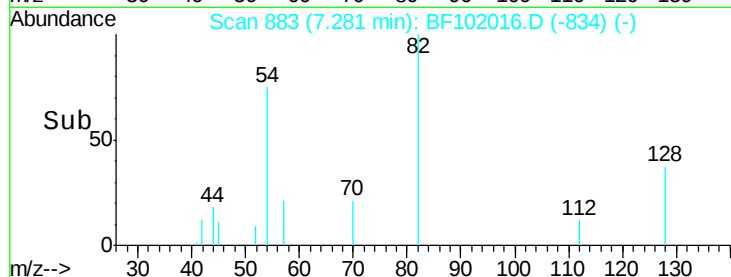
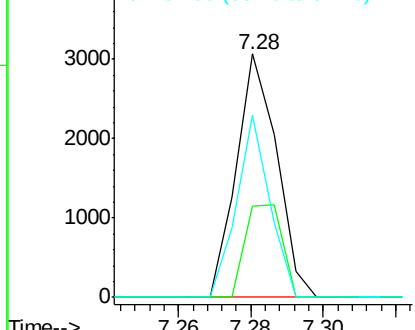
#23
Nitrobenzene-d5
Concen: 0.149 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102016.D
Acq: 11 Jan 2018 13:37

Instrument :
BNA_F
ClientSampleId :
WC-43-01DL

Tgt Ion: 82 Resp: 2367
Ion Ratio Lower Upper
82 100
128 37.4 36.1 54.1
54 75.0 41.4 62.2#

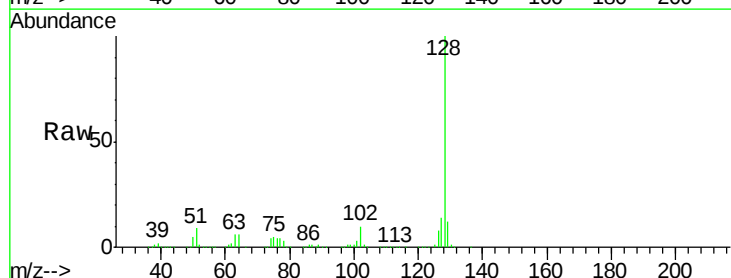


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

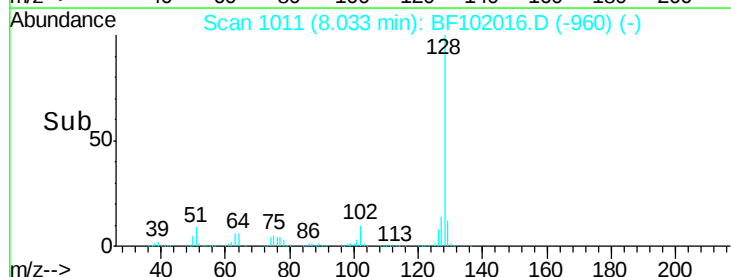
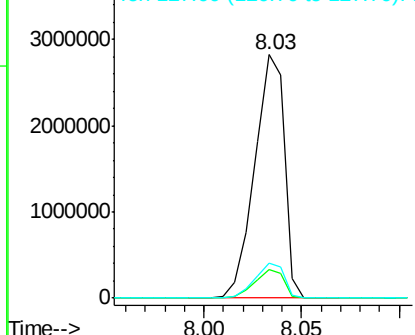


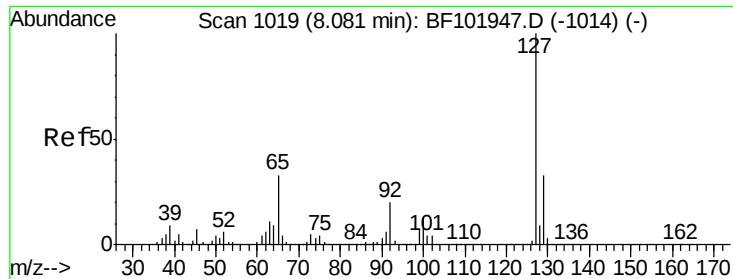
#31
Naphthalene
Concen: 63.617 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF102016.D
Acq: 11 Jan 2018 13:37

Tgt Ion: 128 Resp: 2976173
Ion Ratio Lower Upper
128 100
129 11.8 8.8 13.2
127 14.3 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

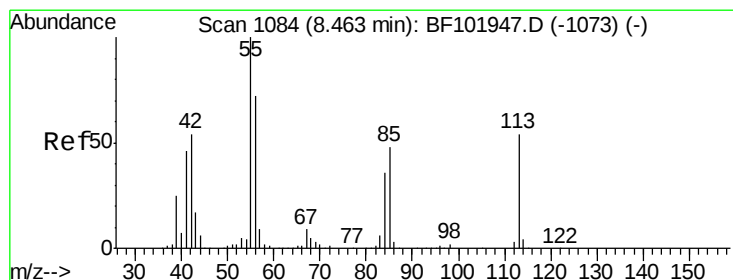
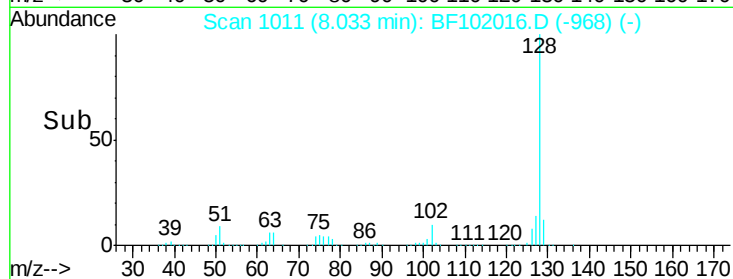
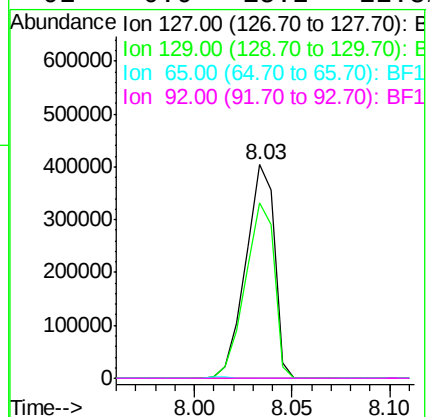
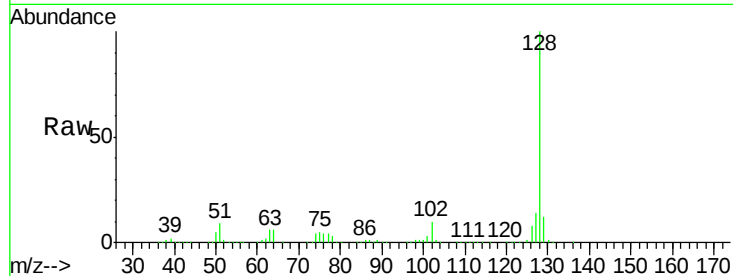




#33
4-Chloroaniline
Concen: 20.712 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.05 min
Lab File: BF102016.D
Acq: 11 Jan 2018 13:37

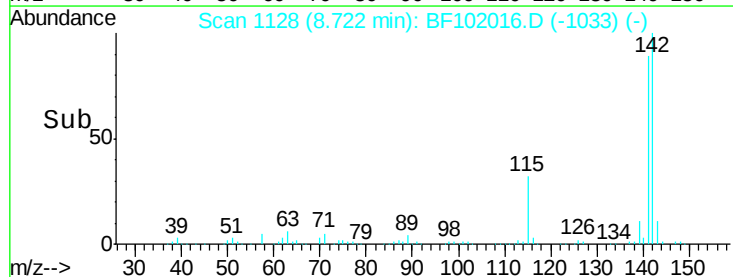
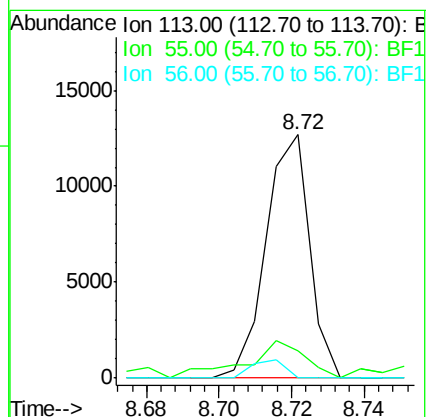
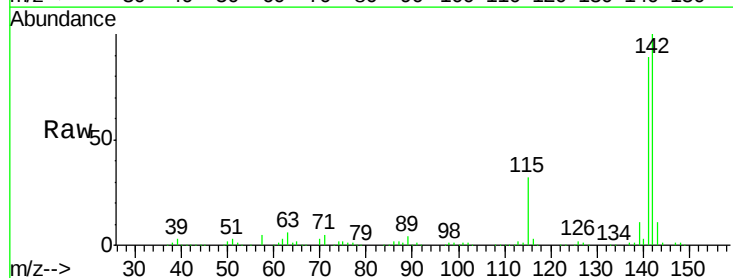
Instrument :
BNA_F
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WC-43-01DL

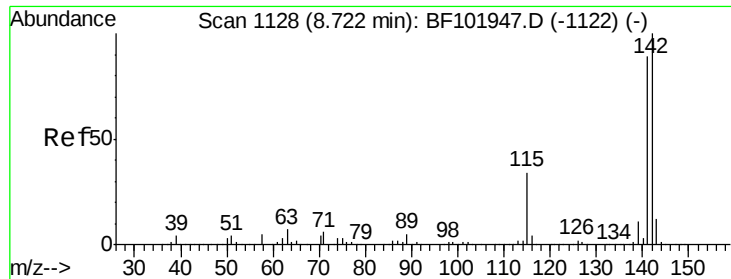
Tgt Ion:127 Resp: 413577
Ion Ratio Lower Upper
127 100
129 82.2 25.9 38.9#
65 0.0 25.0 37.4#
92 0.0 15.2 22.8#



#35
Caprolactam
Concen: 2.422 ng
RT: 8.72 min Scan# 1128
Delta R.T. 0.26 min
Lab File: BF102016.D
Acq: 11 Jan 2018 13:37

Tgt Ion:113 Resp: 10567
Ion Ratio Lower Upper
113 100
55 11.2 163.3 203.3#
56 0.0 115.7 155.7#

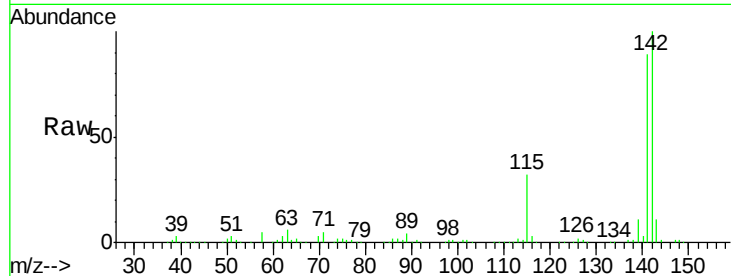




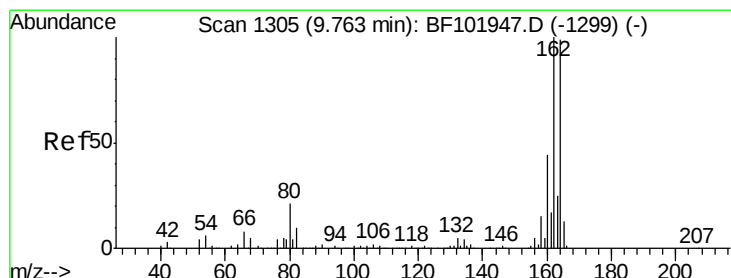
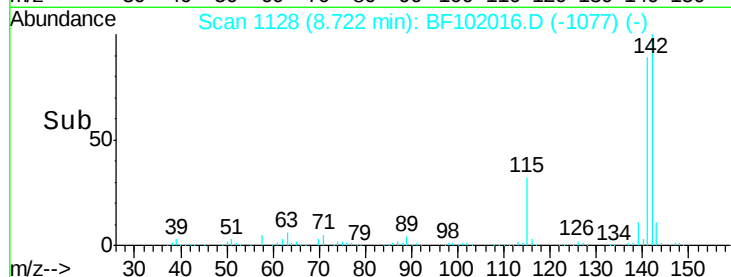
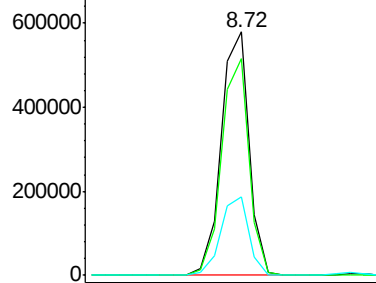
#37
 2-Methylnaphthalene
 Concen: 15.965 ng
 RT: 8.72 min Scan# 1128
 Delta R.T. -0.00 min
 Lab File: BF102016.D
 Acq: 11 Jan 2018 13:37

Instrument :
 BNA_F
 ClientSampleId :
 WC-43-01DL

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.8	106.2
115	32.0	26.1	39.1

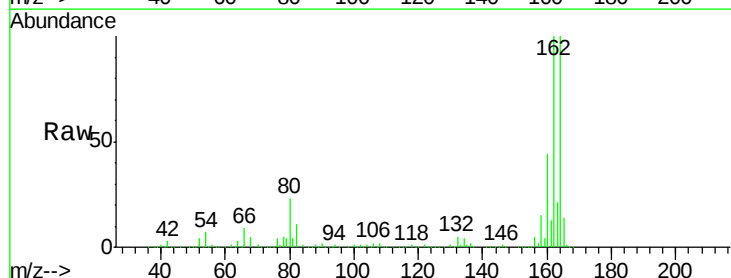


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

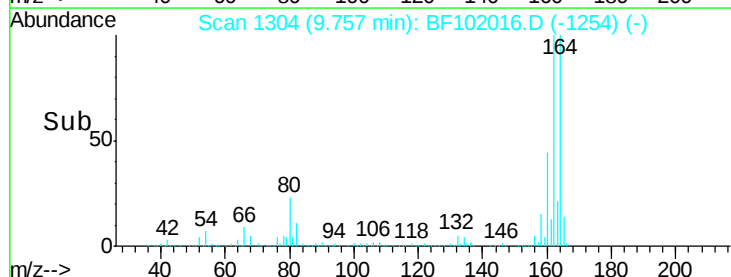
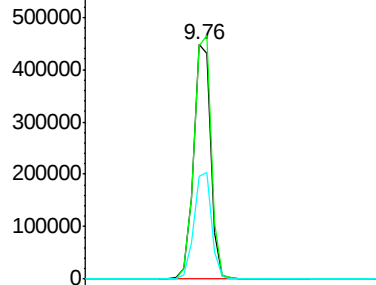


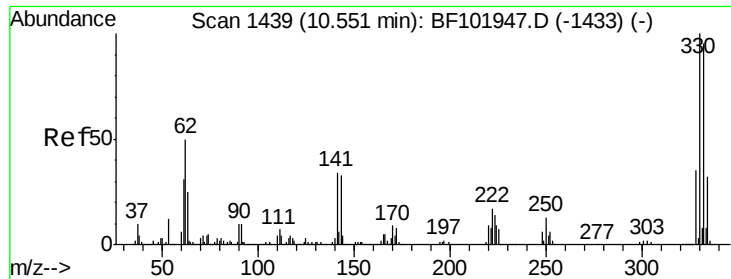
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF102016.D
 Acq: 11 Jan 2018 13:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.7	86.1	129.1
160	43.9	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

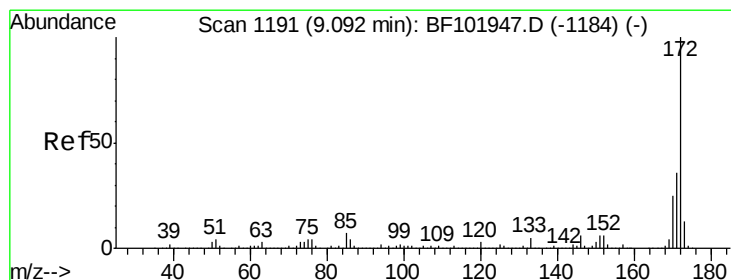
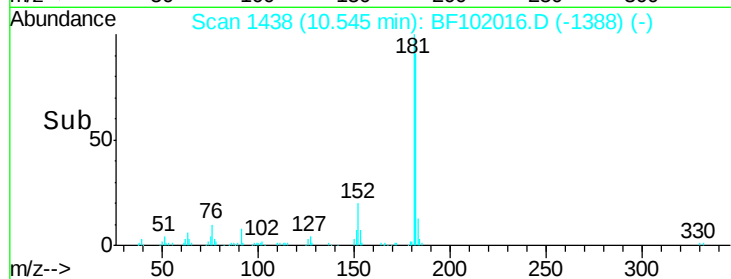
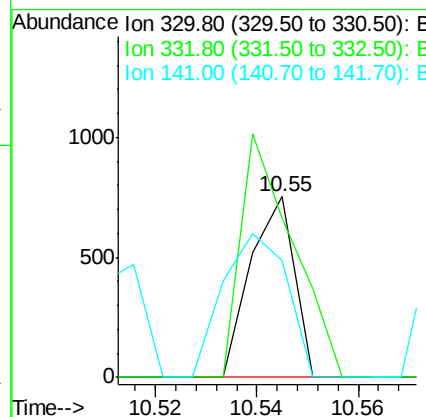
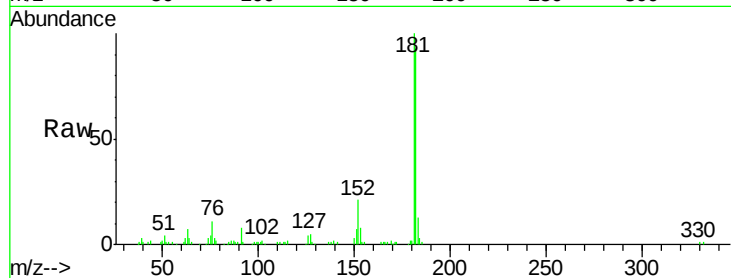




#41
 2,4,6-Tribromophenol
 Concen: 0.126 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF102016.D
 Acq: 11 Jan 2018 13:37

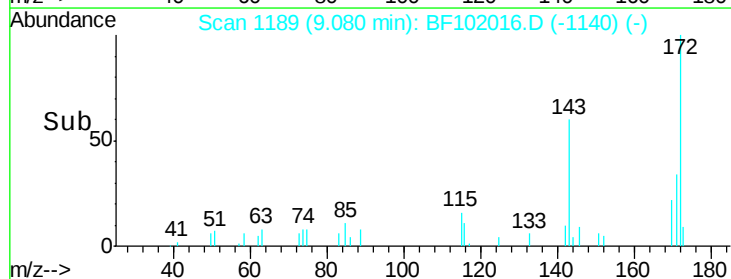
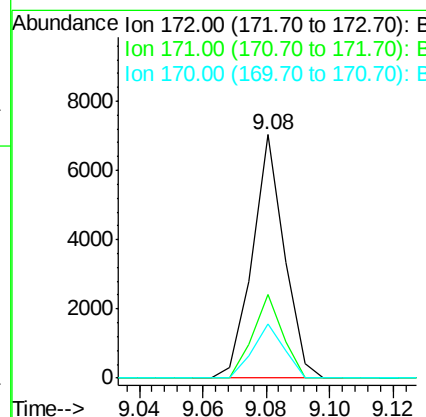
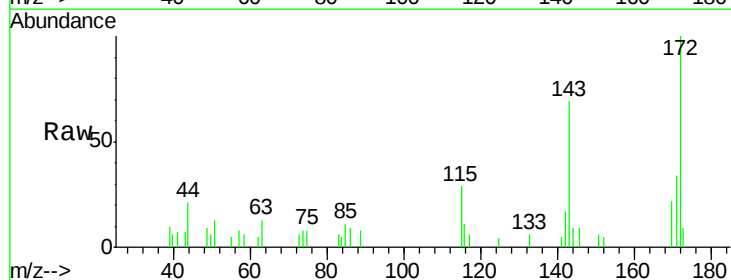
Instrument :
 BNA_F
 ClientSampled :
 WC-43-01DL

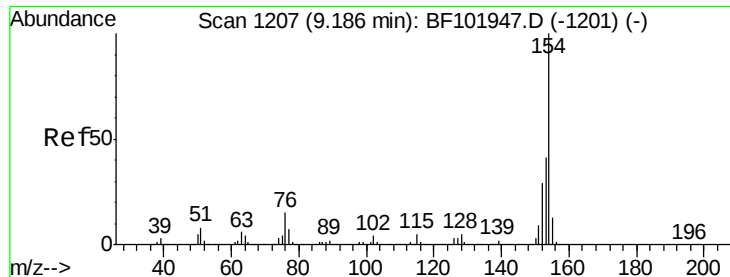
Tgt Ion: 330 Resp: 449
 Ion Ratio Lower Upper
 330 100
 332 160.8 77.0 115.6#
 141 117.1 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 0.187 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF102016.D
 Acq: 11 Jan 2018 13:37

Tgt Ion: 172 Resp: 4898
 Ion Ratio Lower Upper
 172 100
 171 34.1 29.7 44.5
 170 22.4 19.6 29.4

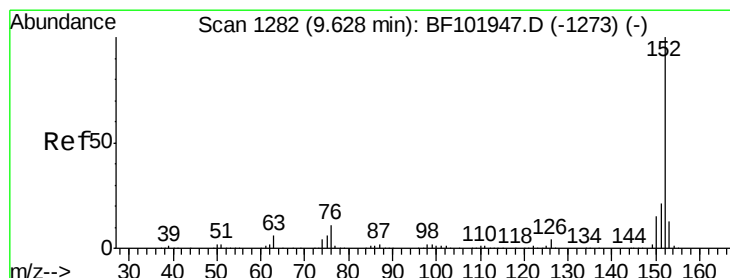
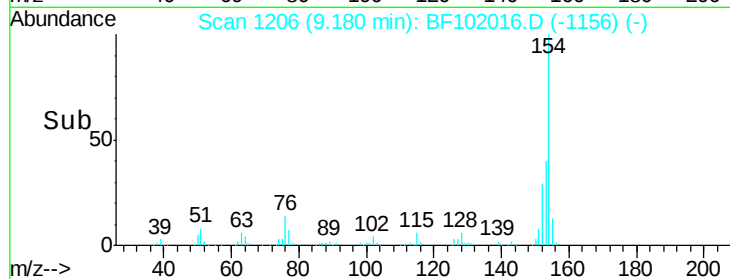
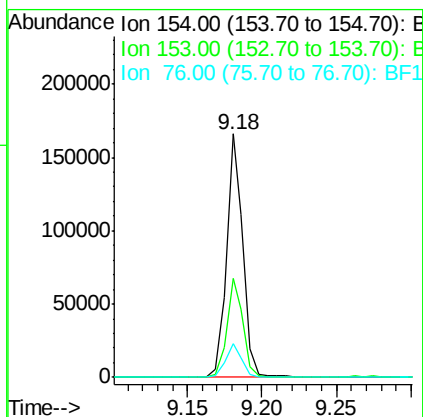
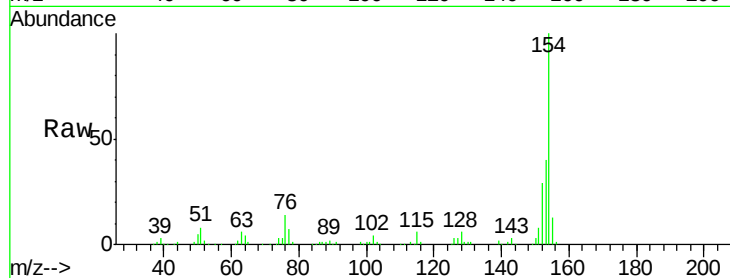




#45
1,1'-Biphenyl
Concen: 3.544 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF102016.D
Acq: 11 Jan 2018 13:37

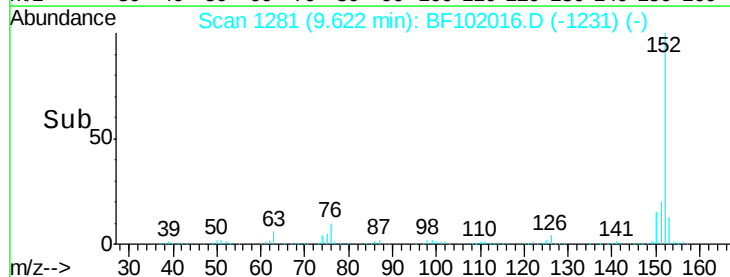
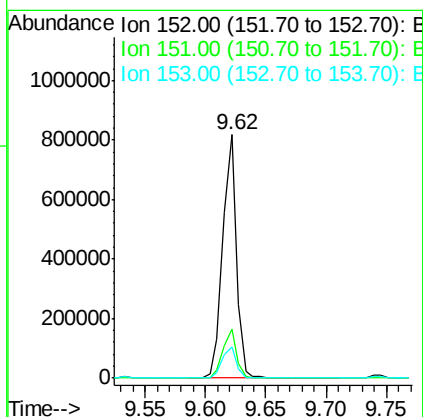
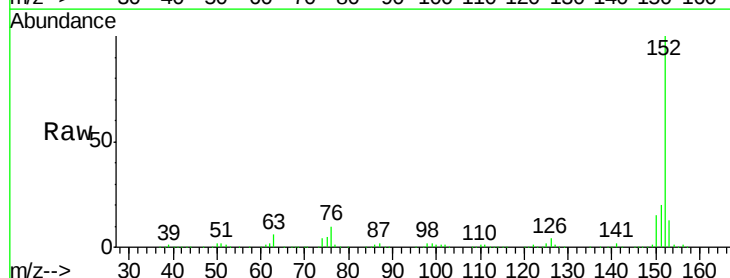
Instrument :
BNA_F
ClientSampleId :
WC-43-01DL

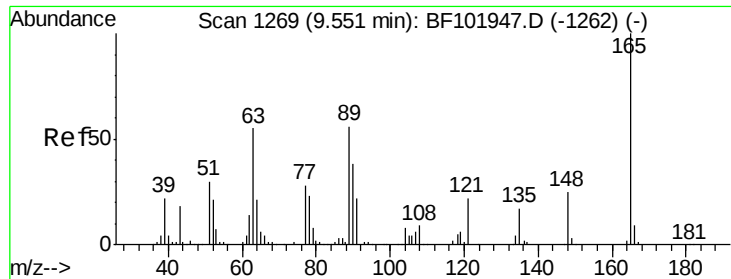
Tgt Ion:154 Resp: 128279
Ion Ratio Lower Upper
154 100
153 40.4 21.3 61.3
76 14.0 0.0 34.0



#48
Acenaphthylene
Concen: 14.388 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF102016.D
Acq: 11 Jan 2018 13:37

Tgt Ion:152 Resp: 640984
Ion Ratio Lower Upper
152 100
151 20.3 16.3 24.5
153 12.6 10.7 16.1

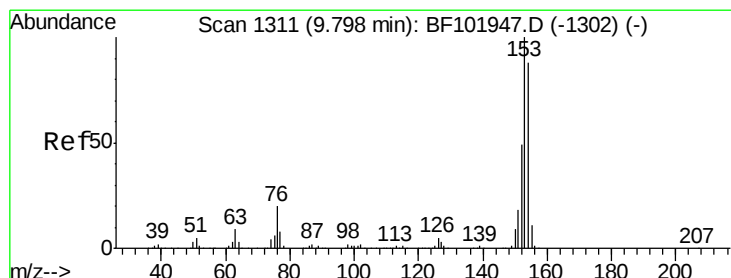
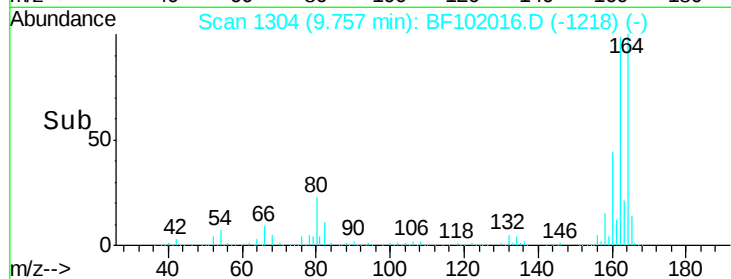
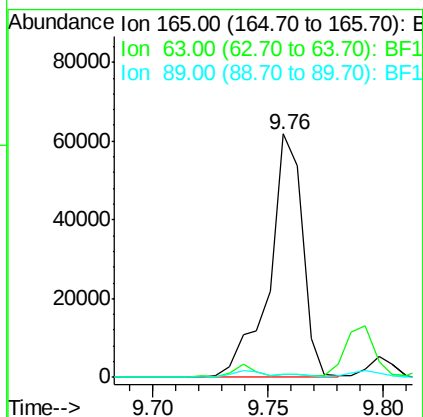
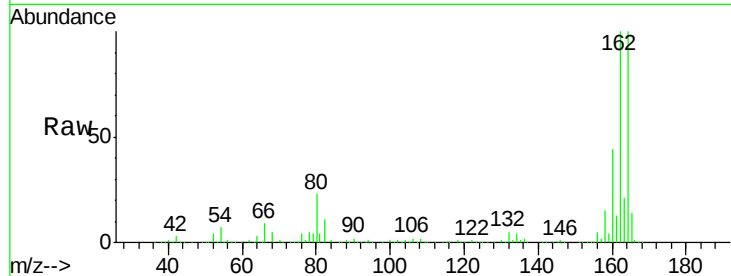




#50
2,6-Dinitrotoluene
Concen: 9.362 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.21 min
Lab File: BF102016.D
Acq: 11 Jan 2018 13:37

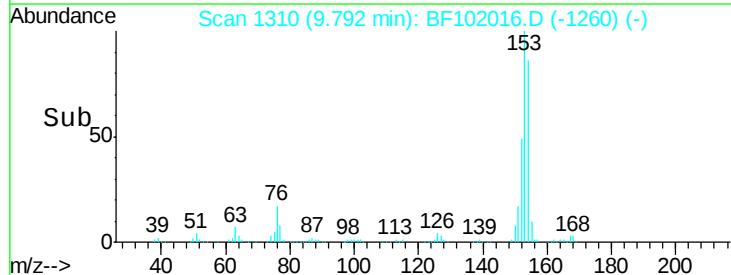
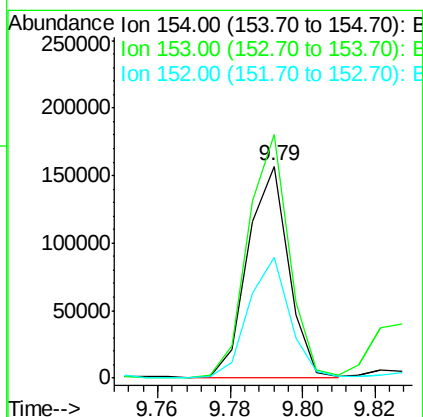
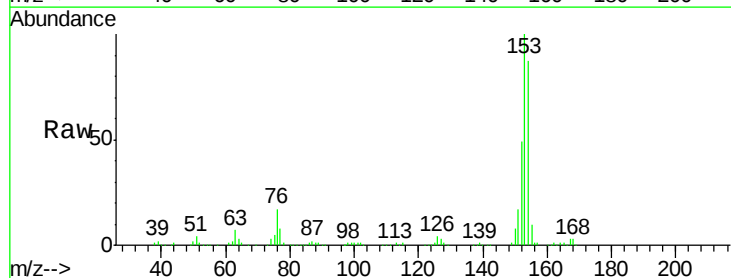
Instrument :
BNA_F
ClientSampleId :
WC-43-01DL

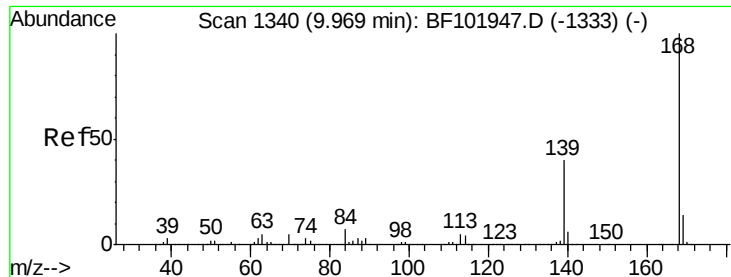
Tgt Ion:165 Resp: 61442
Ion Ratio Lower Upper
165 100
63 1.4 44.7 67.1#
89 1.3 44.0 66.0#



#51
Acenaphthene
Concen: 4.494 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF102016.D
Acq: 11 Jan 2018 13:37

Tgt Ion:154 Resp: 121515
Ion Ratio Lower Upper
154 100
153 114.8 91.2 136.8
152 56.8 43.8 65.8

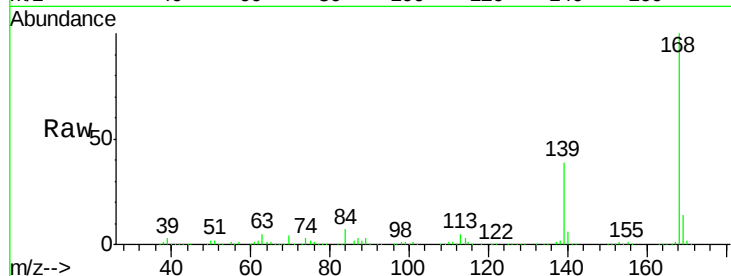




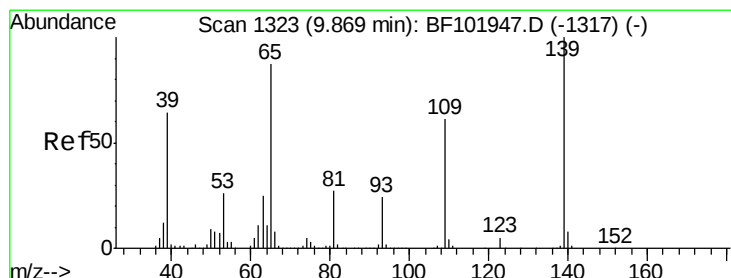
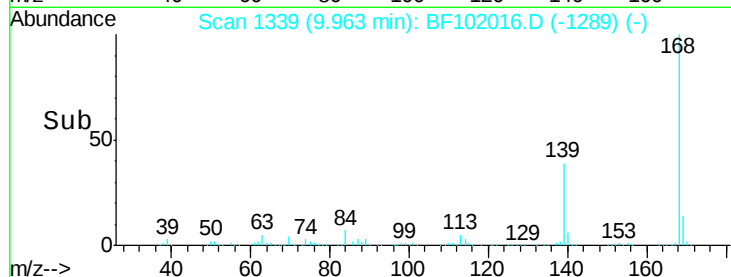
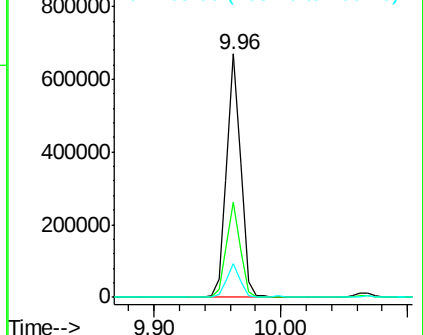
#54
Diben-zofuran
Concen: 13.967 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF102016.D
Acq: 11 Jan 2018 13:37

Instrument :
BNA_F
ClientSampleId :
WC-43-01DL

Tgt Ion:168 Resp: 518314
Ion Ratio Lower Upper
168 100
139 39.0 30.1 45.1
169 13.8 10.9 16.3

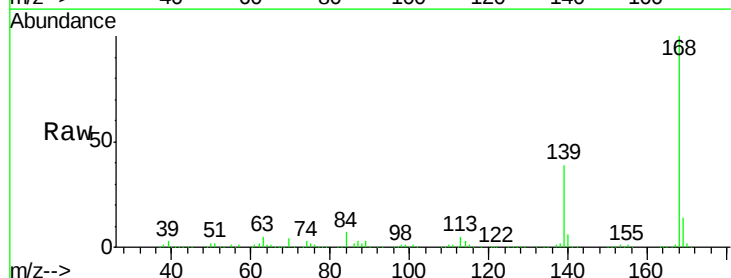


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

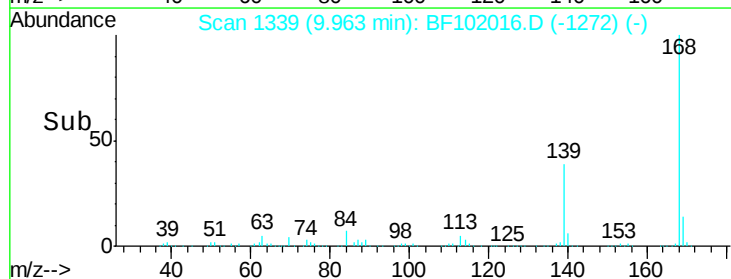
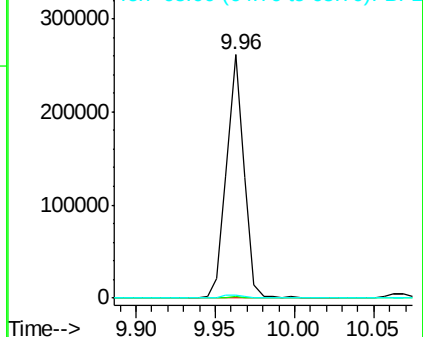


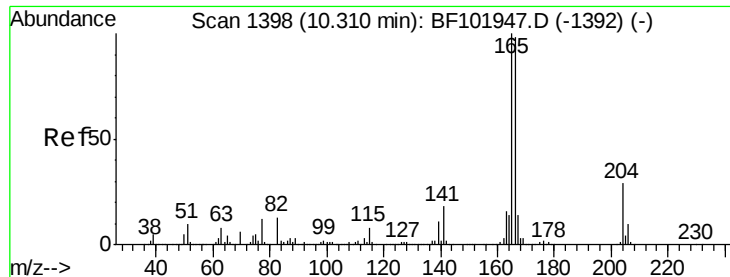
#55
4-Nitrophenol
Concen: 32.390 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.09 min
Lab File: BF102016.D
Acq: 11 Jan 2018 13:37

Tgt Ion:139 Resp: 199923
Ion Ratio Lower Upper
139 100
109 0.7 48.4 88.4#
65 1.4 72.6 112.6#



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





#57

Fluorene

Concen: 23.482 ng

RT: 10.30 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BF102016.D

Acq: 11 Jan 2018 13:37

Instrument :

BNA_F

ClientSampleId :

WC-43-01DL

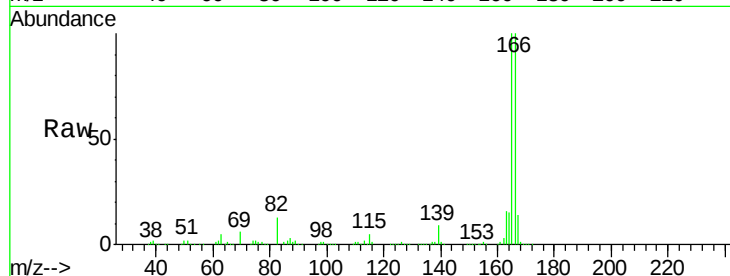
Tgt Ion:166 Resp: 602411

Ion Ratio Lower Upper

166 100

165 99.6 79.8 119.8

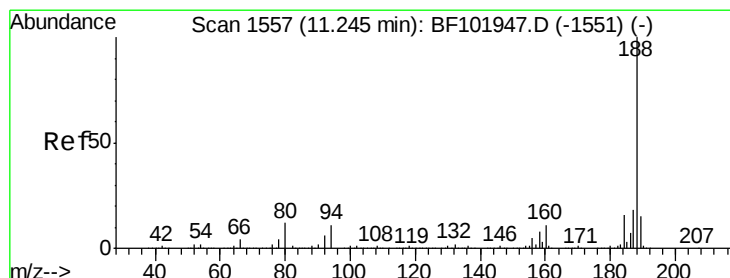
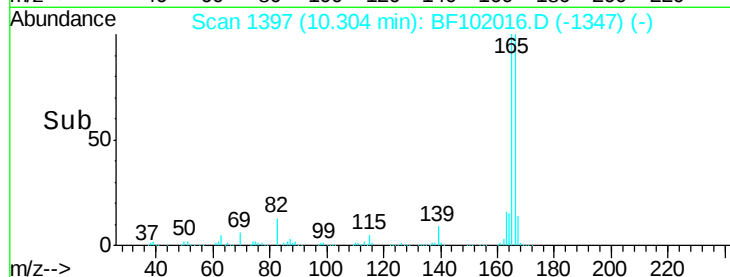
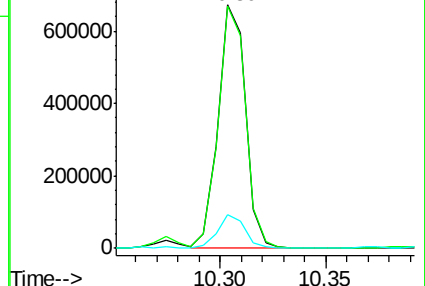
167 13.9 10.6 16.0



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: 11.24 min Scan# 1557

Delta R.T. -0.00 min

Lab File: BF102016.D

Acq: 11 Jan 2018 13:37

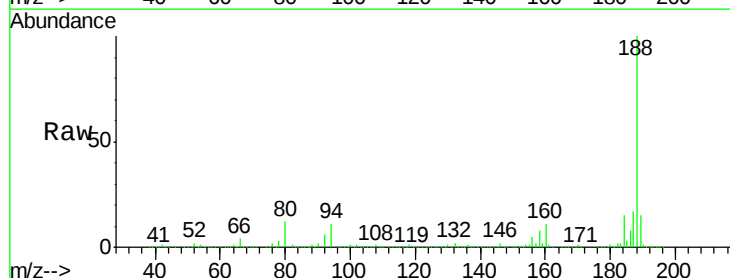
Tgt Ion:188 Resp: 682179

Ion Ratio Lower Upper

188 100

94 10.6 8.5 12.7

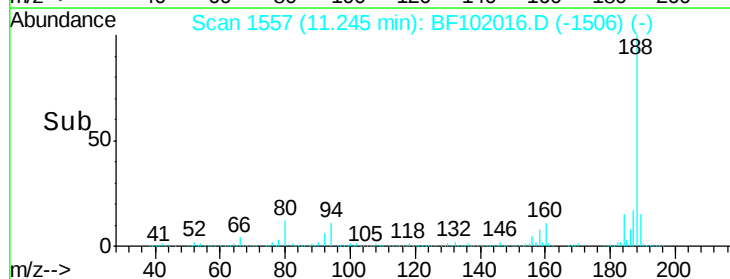
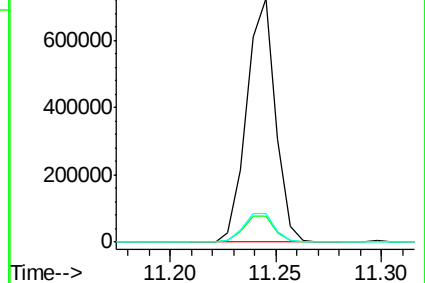
80 11.6 9.2 13.8

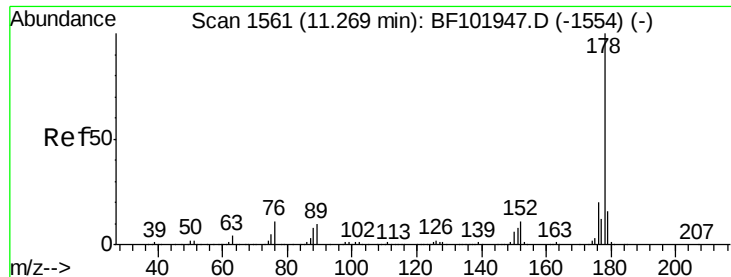


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

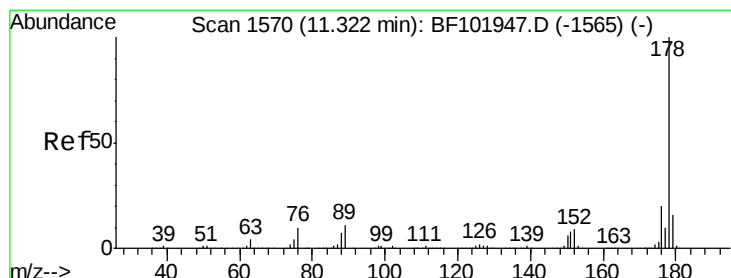
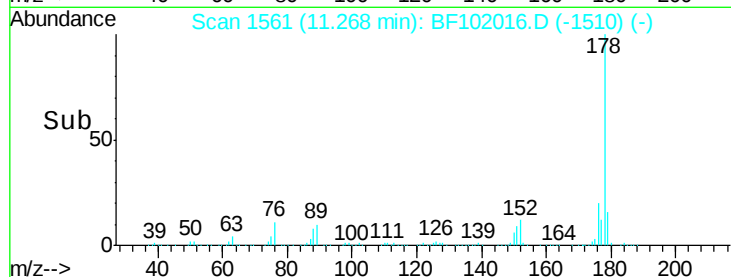
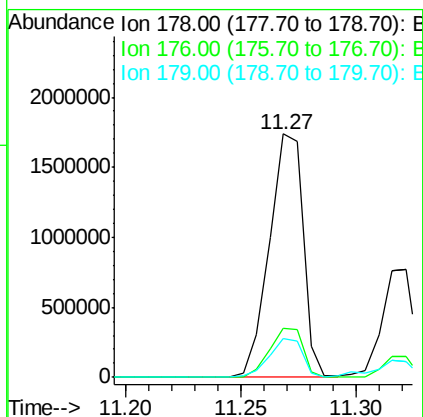
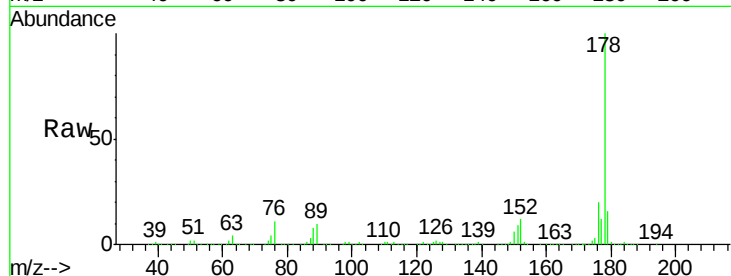




#70
Phenanthrene
Concen: 44.324 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.00 min
Lab File: BF102016.D
Acq: 11 Jan 2018 13:37

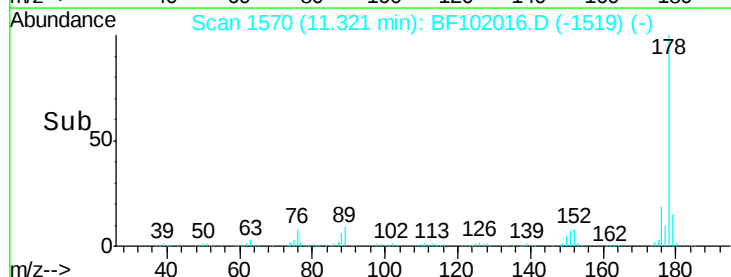
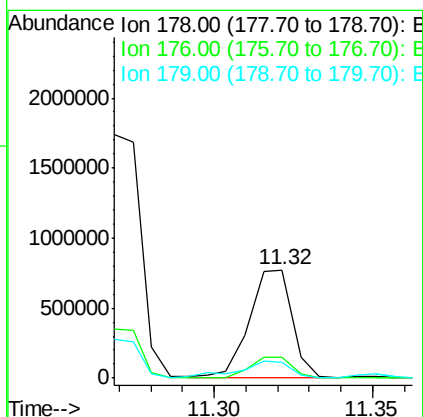
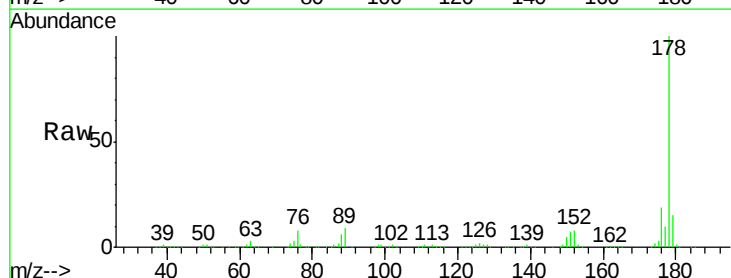
Instrument :
BNA_F
ClientSampleId :
WC-43-01DL

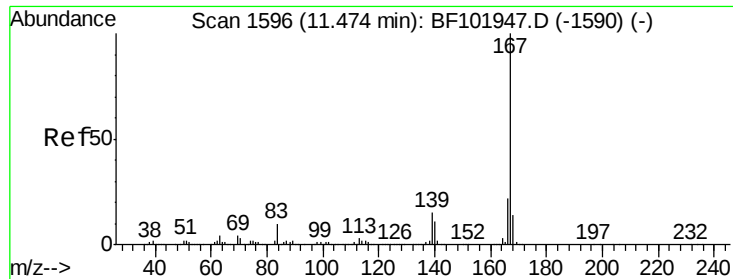
Tgt Ion:178 Resp: 1766242
Ion Ratio Lower Upper
178 100
176 20.4 15.8 23.8
179 15.7 13.0 19.6



#71
Anthracene
Concen: 17.776 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF102016.D
Acq: 11 Jan 2018 13:37

Tgt Ion:178 Resp: 718403
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.2
179 15.0 12.6 19.0





#72

Carbazole

Concen: 6.591 ng

RT: 11.47 min Scan# 1595

Delta R.T. -0.01 min

Lab File: BF102016.D

Acq: 11 Jan 2018 13:37

Instrument :

BNA_F

ClientSampleId :

WC-43-01DL

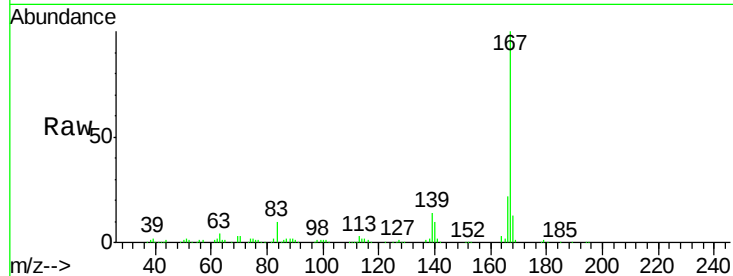
Tgt Ion:167 Resp: 261829

Ion Ratio Lower Upper

167 100

166 21.8 17.6 26.4

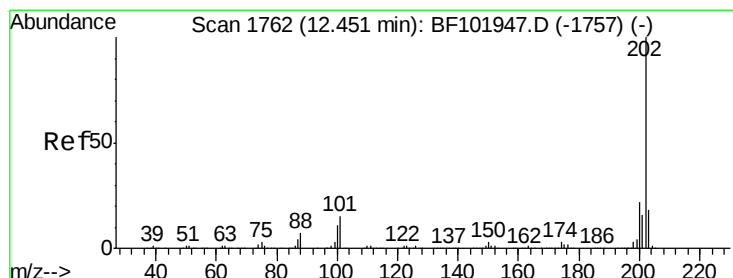
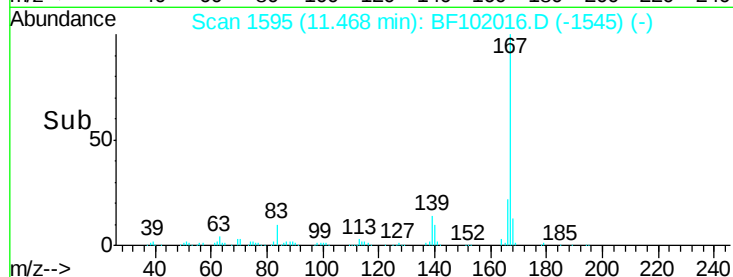
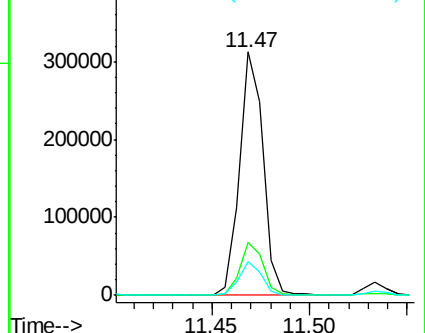
139 14.0 10.9 16.3



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: 29.760 ng

RT: 12.45 min Scan# 1762

Delta R.T. -0.00 min

Lab File: BF102016.D

Acq: 11 Jan 2018 13:37

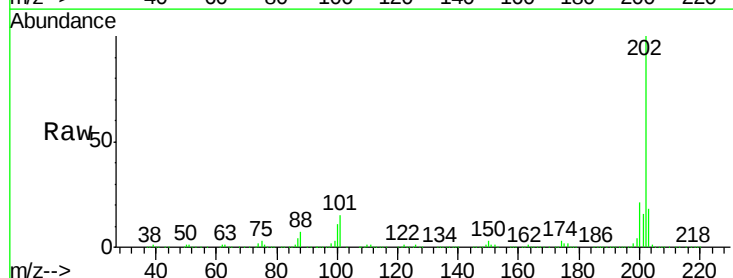
Tgt Ion:202 Resp: 1166746

Ion Ratio Lower Upper

202 100

101 14.9 0.0 34.1

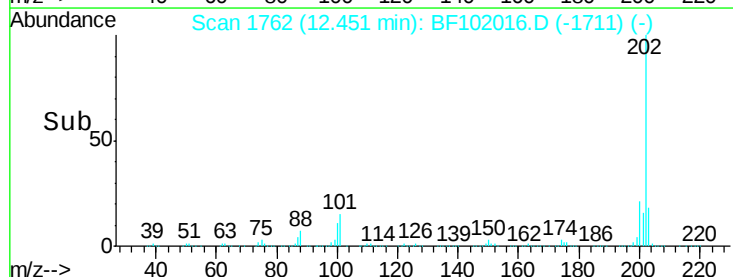
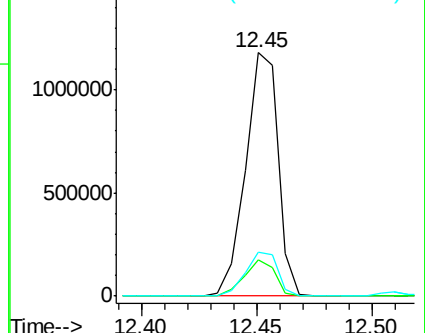
203 17.8 0.0 38.1

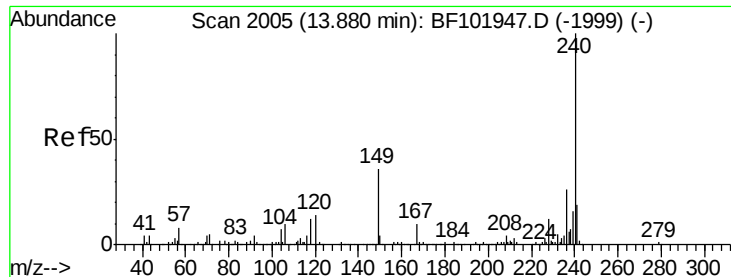


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF102016.D

Acq: 11 Jan 2018 13:37

Instrument :

BNA_F

ClientSampleId :

WC-43-01DL

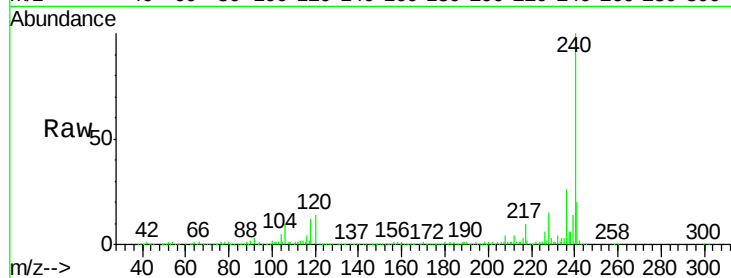
Tgt Ion:240 Resp: 358586

Ion Ratio Lower Upper

240 100

120 13.8 9.5 14.3

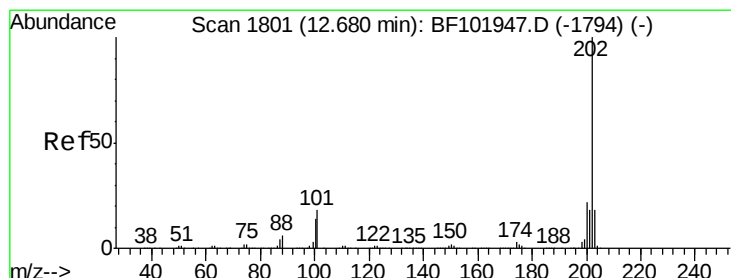
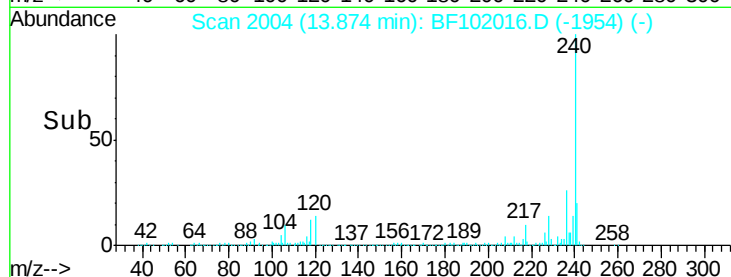
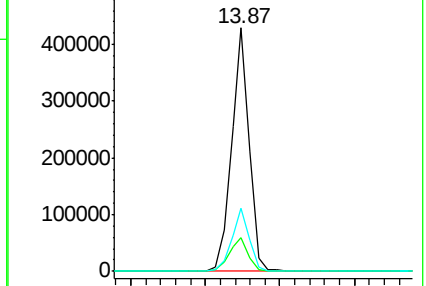
236 26.1 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 27.918 ng

RT: 12.68 min Scan# 1801

Delta R.T. -0.00 min

Lab File: BF102016.D

Acq: 11 Jan 2018 13:37

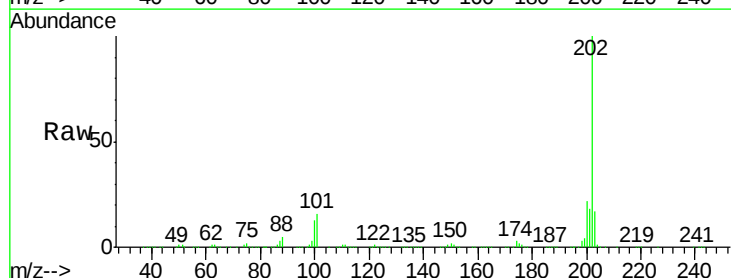
Tgt Ion:202 Resp: 884917

Ion Ratio Lower Upper

202 100

200 21.6 17.4 26.2

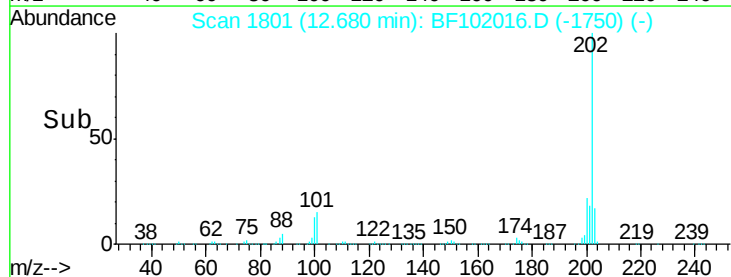
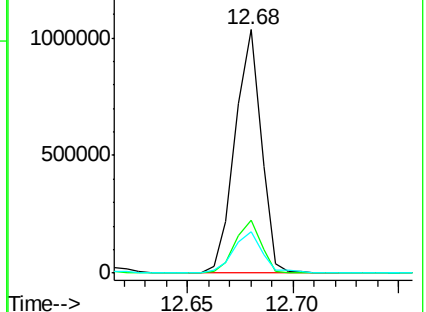
203 17.1 14.3 21.5

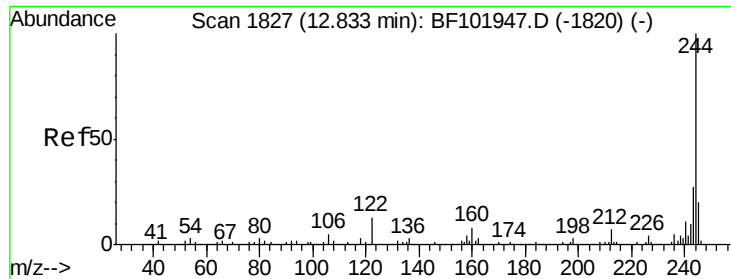


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 0.255 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102016.D

Acq: 11 Jan 2018 13:37

Instrument :

BNA_F

ClientSampleId :

WC-43-01DL

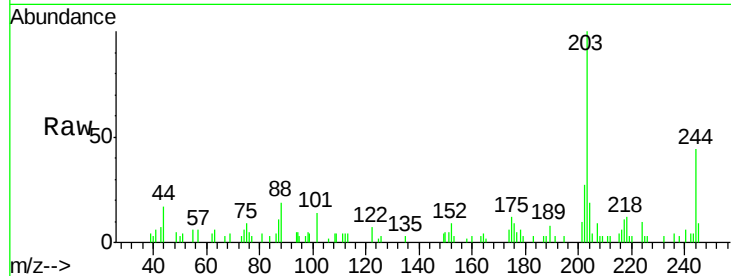
Tgt Ion:244 Resp: 4401

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

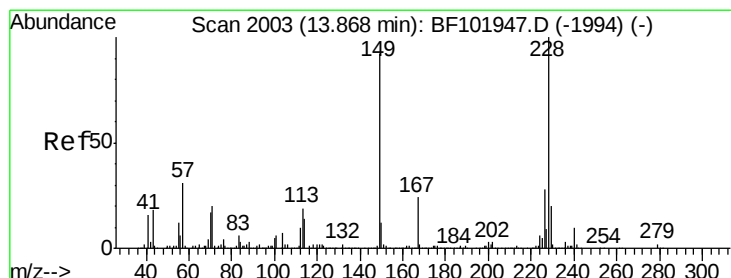
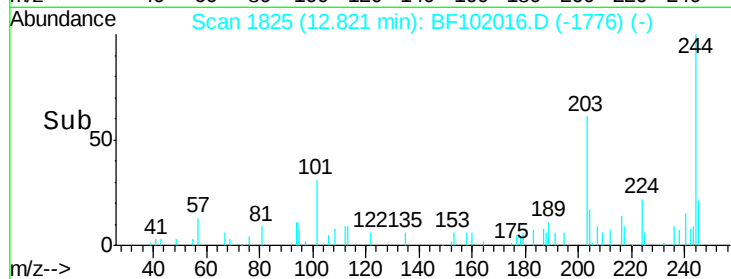
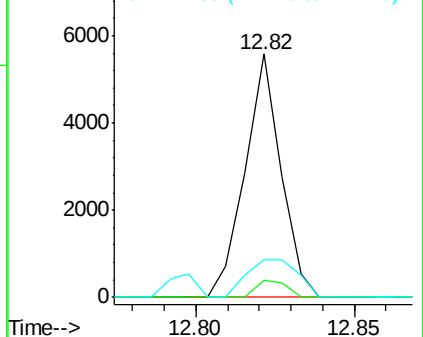
122 15.1 11.0 16.4



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: 11.260 ng

RT: 13.90 min Scan# 2008

Delta R.T. 0.03 min

Lab File: BF102016.D

Acq: 11 Jan 2018 13:37

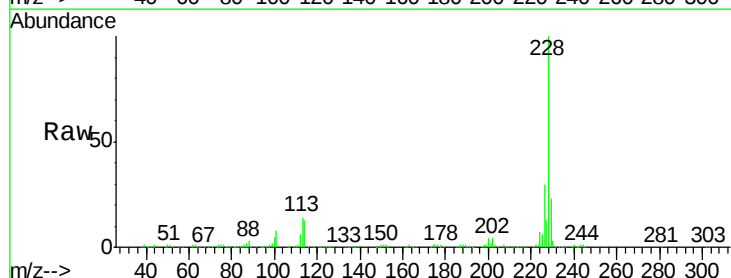
Tgt Ion:228 Resp: 257612

Ion Ratio Lower Upper

228 100

226 30.4 22.6 33.8

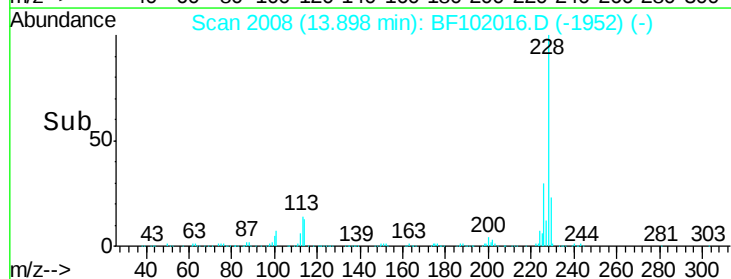
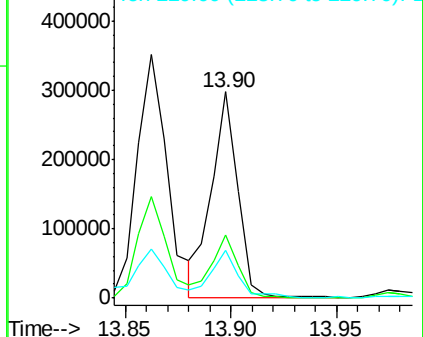
229 23.3 15.8 23.6

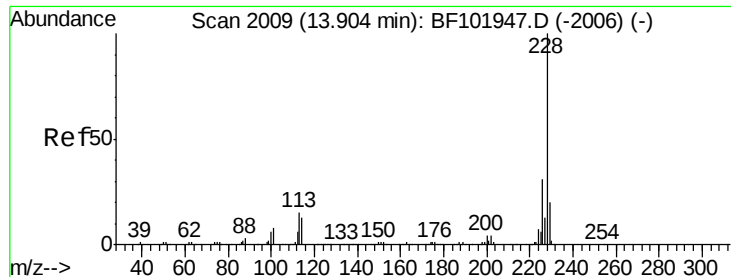


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 10.798 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF102016.D

Acq: 11 Jan 2018 13:37

Instrument :

BNA_F

ClientSampleId :

WC-43-01DL

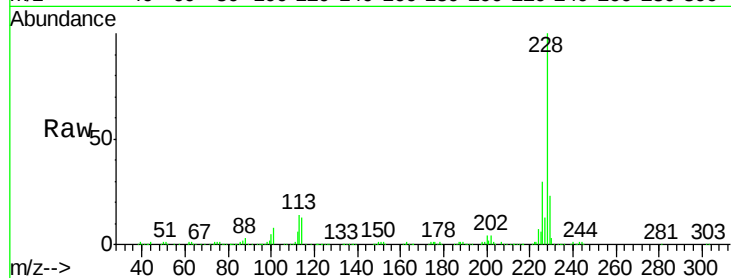
Tgt Ion:228 Resp: 257612

Ion Ratio Lower Upper

228 100

226 30.4 25.0 37.6

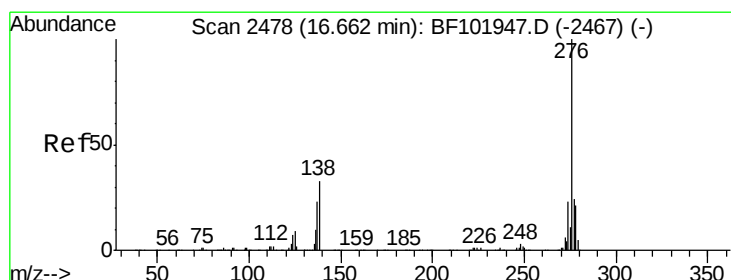
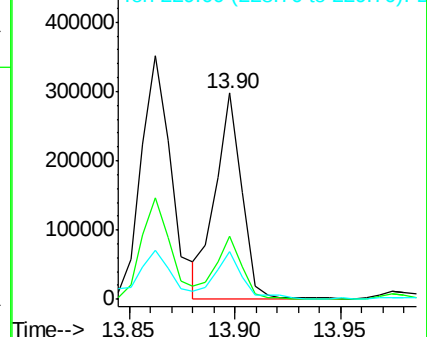
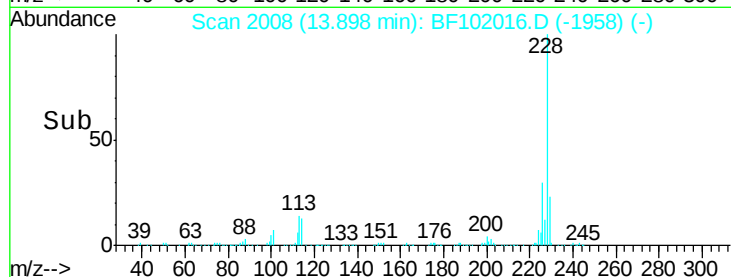
229 23.3 16.2 24.4



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: 7.865 ng

RT: 16.66 min Scan# 2477

Delta R.T. -0.01 min

Lab File: BF102016.D

Acq: 11 Jan 2018 13:37

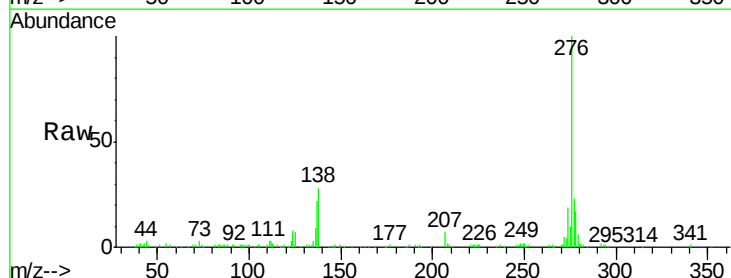
Tgt Ion:276 Resp: 136555

Ion Ratio Lower Upper

276 100

138 30.6 25.0 37.6

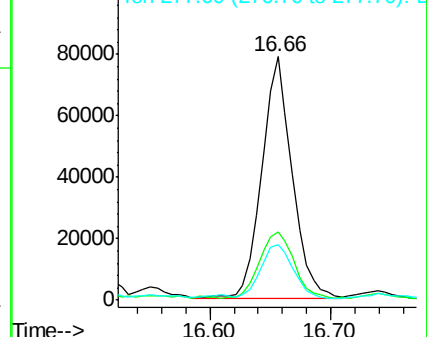
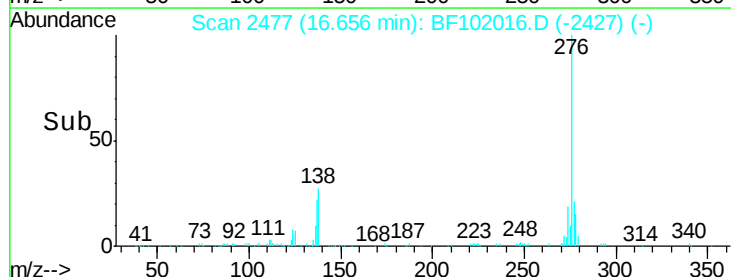
277 24.2 20.1 30.1

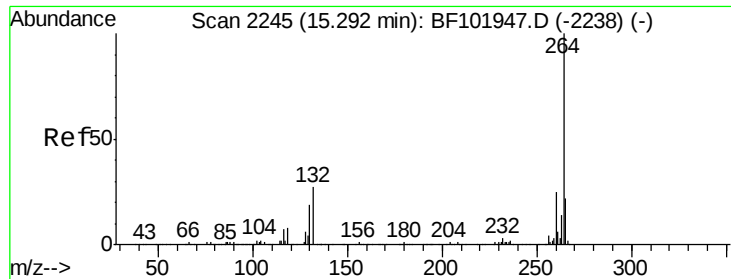


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

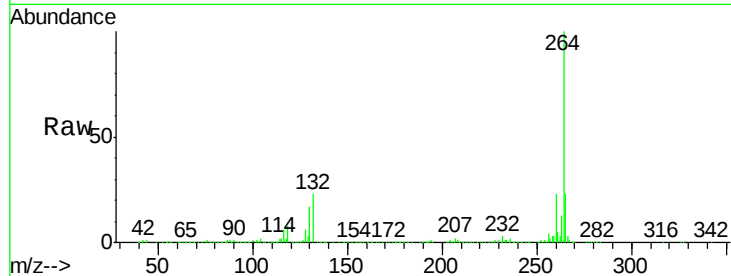




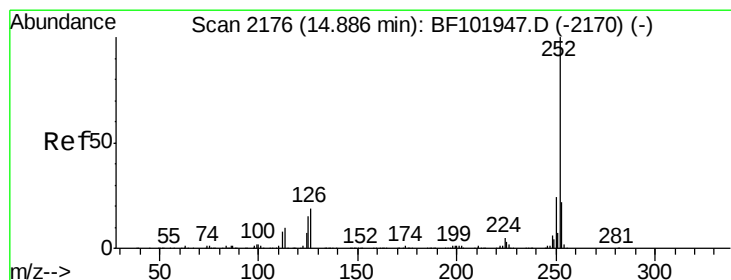
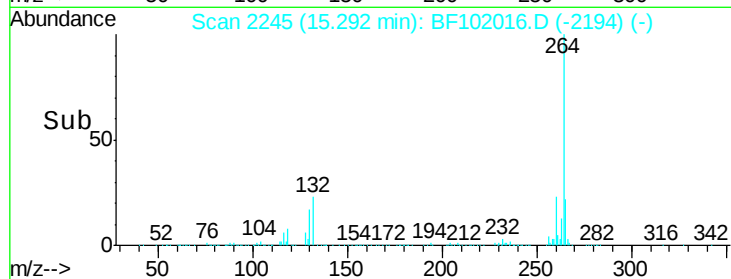
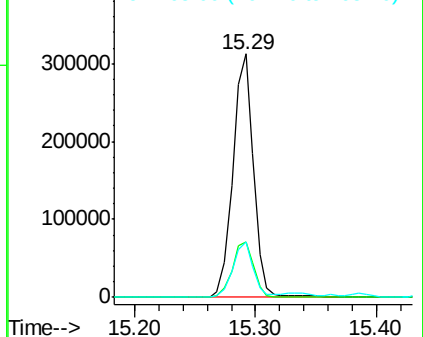
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2245
Delta R.T. -0.00 min
Lab File: BF102016.D
Acq: 11 Jan 2018 13:37

Instrument :
BNA_F
ClientSampleId :
WC-43-01DL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	22.6	17.5	26.3

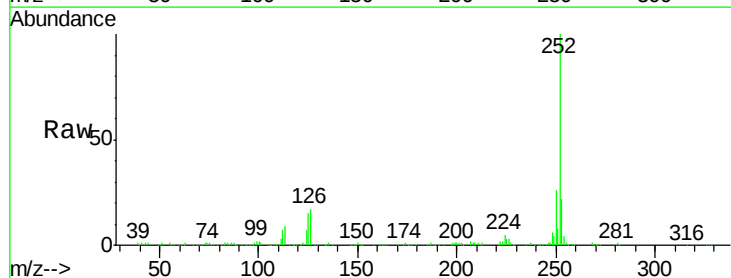


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

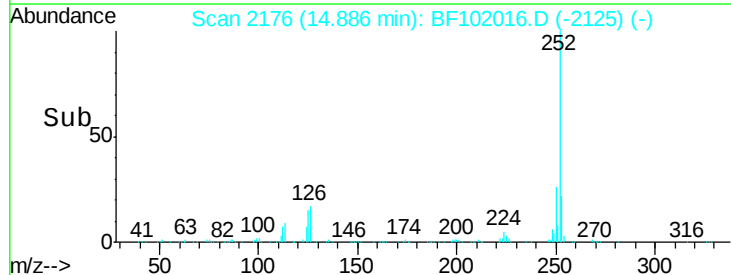
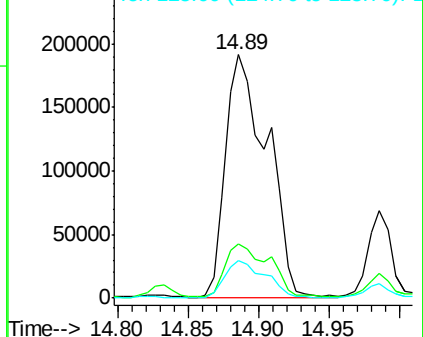


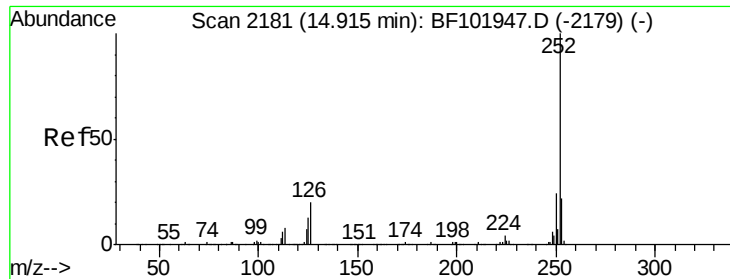
#87
Benzo(b)fluoranthene
Concen: 16.263 ng
RT: 14.89 min Scan# 2176
Delta R.T. -0.00 min
Lab File: BF102016.D
Acq: 11 Jan 2018 13:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	15.3	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

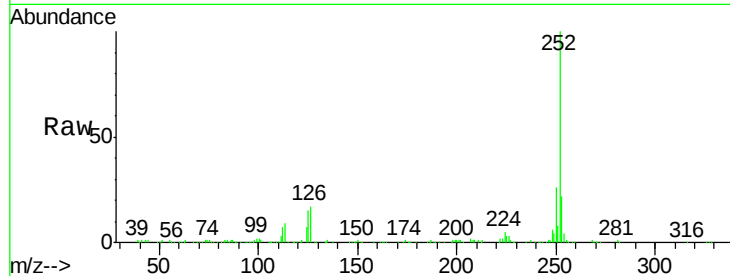




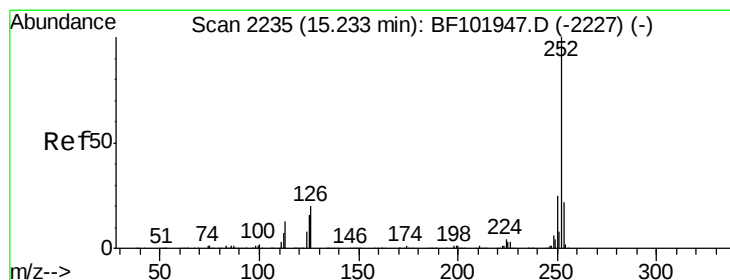
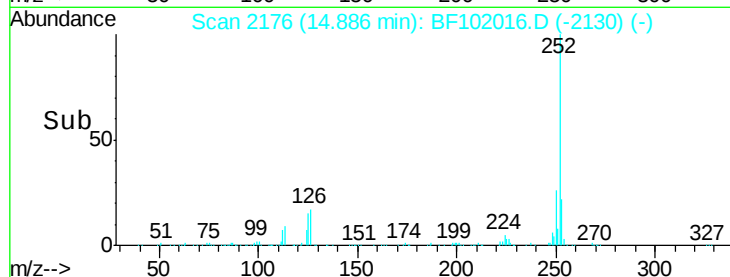
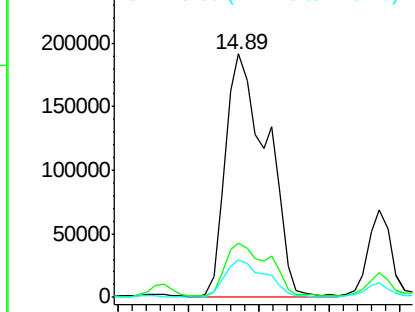
#88
Benzo(k)fluoranthene
Concen: 16.858 ng
RT: 14.89 min Scan# 2176
Delta R.T. -0.03 min
Lab File: BF102016.D
Acq: 11 Jan 2018 13:37

Instrument :
BNA_F
ClientSampleId :
WC-43-01DL

Tgt Ion:252 Resp: 394847
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 15.3 10.2 15.2#

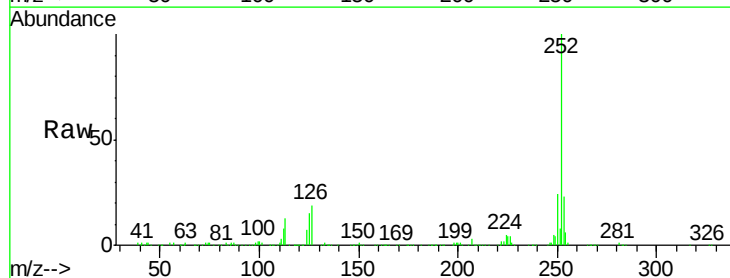


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

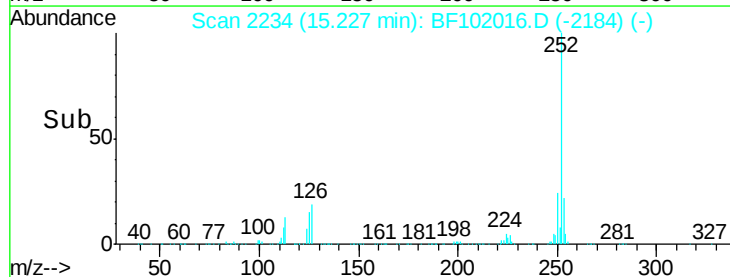
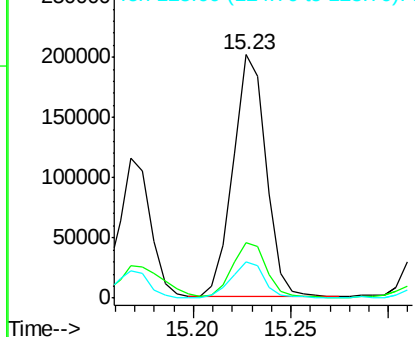


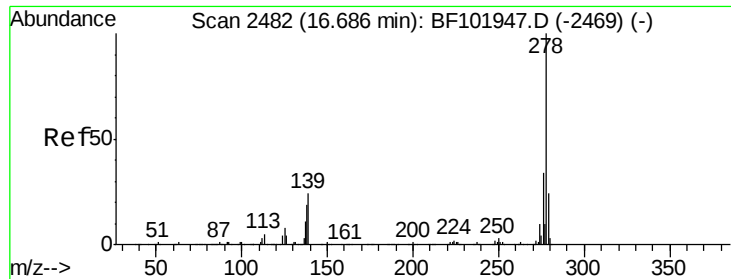
#89
Benzo(a)pyrene
Concen: 10.823 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BF102016.D
Acq: 11 Jan 2018 13:37

Tgt Ion:252 Resp: 236452
Ion Ratio Lower Upper
252 100
253 23.0 17.1 25.7
125 14.9 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: 2.330 ng

RT: 16.67 min Scan# 2480

Delta R.T. -0.01 min

Lab File: BF102016.D

Acq: 11 Jan 2018 13:37

Instrument :

BNA_F

ClientSampleId :

WC-43-01DL

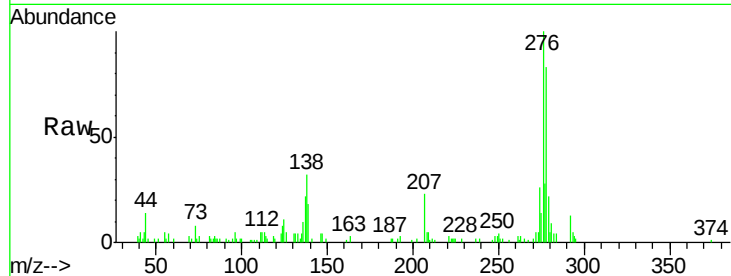
Tgt Ion:278 Resp: 40620

Ion Ratio Lower Upper

278 100

139 21.9 15.9 23.9

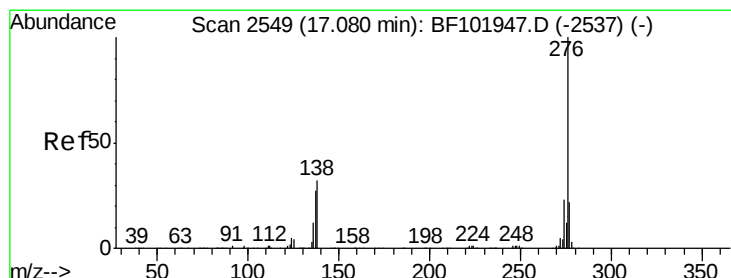
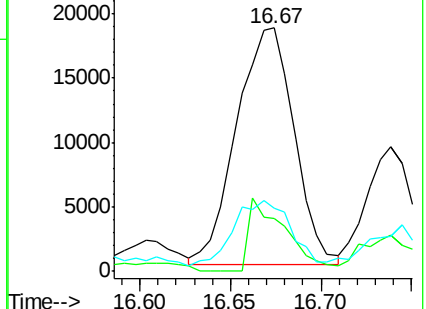
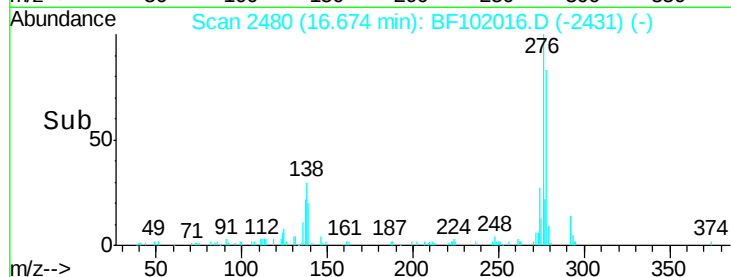
279 26.0 19.0 28.4



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: 6.858 ng

RT: 17.07 min Scan# 2547

Delta R.T. -0.01 min

Lab File: BF102016.D

Acq: 11 Jan 2018 13:37

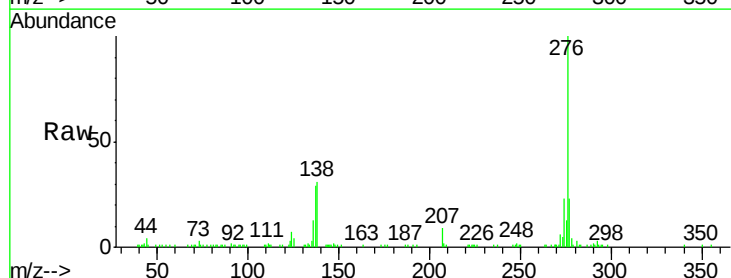
Tgt Ion:276 Resp: 120447

Ion Ratio Lower Upper

276 100

277 23.1 17.9 26.9

138 31.4 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

