

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF011118\
 Data File : BF102008.D
 Acq On : 11 Jan 2018 9:51
 Operator : SJ/JU
 Sample : J1076-09 10X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-42-02

Quant Time: Jan 11 12:40:49 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	6.72	152	205300	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	851300	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	369800	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	616199	20.00	ng	0.00
75) Chrysene-d12	13.88	240	356476	20.00	ng	0.00
86) Perylene-d12	15.29	264	318037	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	35269	2.43	ng	0.00
7) Phenol-d6	6.35	99	41041	2.37	ng	0.00
23) Nitrobenzene-d5	7.28	82	23841	1.65	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	7379	2.29	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	46860	1.98	ng	-0.01
78) Terphenyl-d14	12.83	244	39121	2.28	ng	0.00

Target Compounds

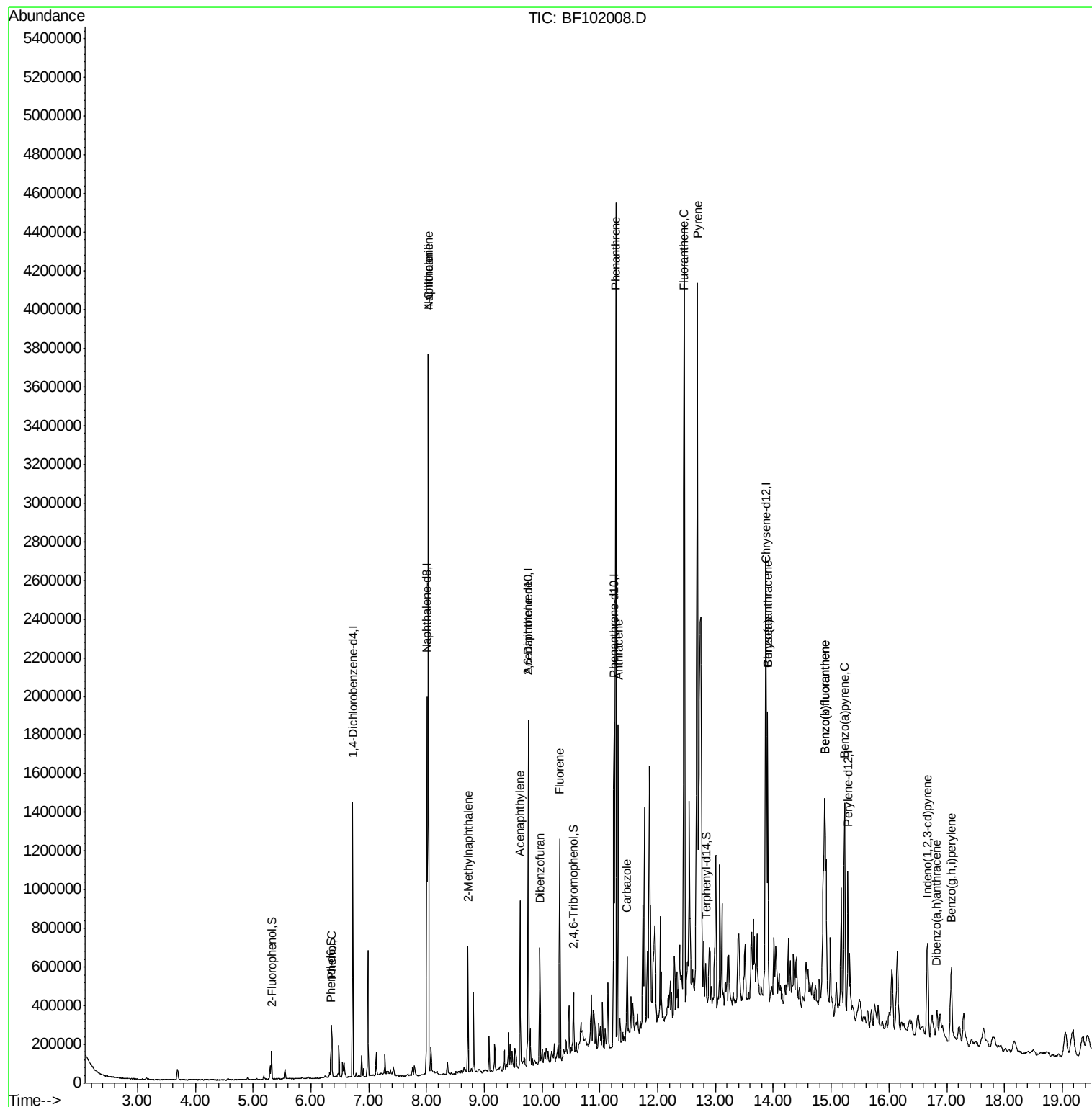
						Qvalue
10) Phenol	6.36	94	74395	3.795	ng	100
31) Naphthalene	8.03	128	1600944	37.636	ng	100
33) 4-Chloroaniline	8.03	127	215074	11.846	ng	# 34
37) 2-Methylnaphthalene	8.72	142	178713	6.382	ng	97
48) Acenaphthylene	9.62	152	325691	8.097	ng	99
50) 2,6-Dinitrotoluene	9.76	165	52279	8.822	ng	# 27
54) Dibenzofuran	9.96	168	171592	5.121	ng	100
57) Fluorene	10.30	166	286368	12.363	ng	99
70) Phenanthrene	11.27	178	1725358	47.934	ng	99
71) Anthracene	11.32	178	609142	16.687	ng	99
72) Carbazole	11.47	167	180812	5.039	ng	98
74) Fluoranthene	12.46	202	1859158	52.499	ng	99
77) Pyrene	12.69	202	1532083	48.622	ng	100
80) Benzo(a)anthracene	13.90	228	563714	24.785	ng	95
82) Chrysene	13.90	228	563714	23.769	ng	98
85) Indeno(1,2,3-cd)pyrene	16.67	276	308542	17.875	ng	99
87) Benzo(b)fluoranthene	14.89	252	804986	38.819	ng	# 93
88) Benzo(k)fluoranthene	14.89	252	804986	40.240	ng	# 96
89) Benzo(a)pyrene	15.23	252	454619	24.363	ng	# 94
90) Dibenzo(a,h)anthracene	16.83	278	80090	5.378	ng	96
91) Benzo(g,h,i)perylene	17.08	276	289645	19.309	ng	96

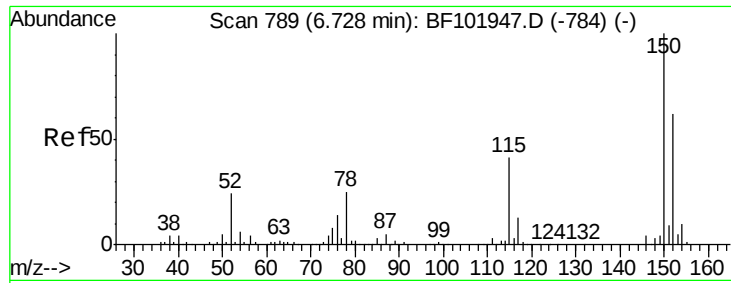
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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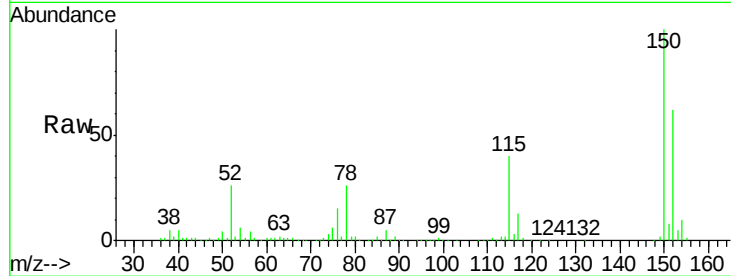


#1

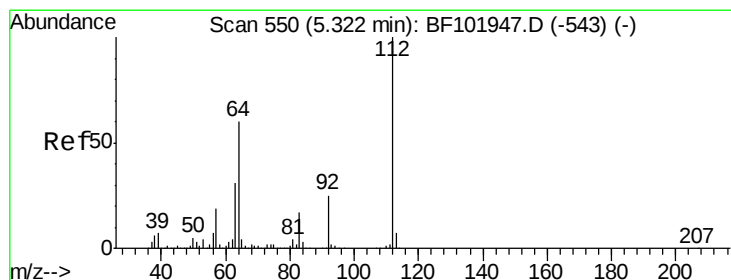
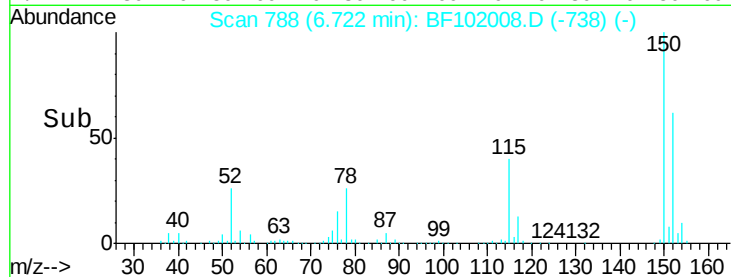
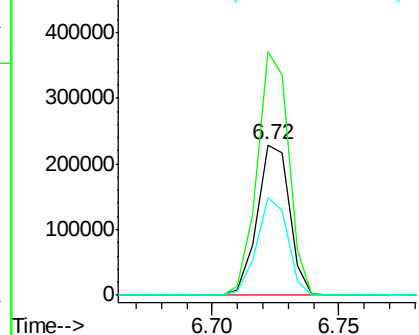
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF102008.D
 Acq: 11 Jan 2018 9:51

Instrument :
 BNA_F
 ClientSampleId :
 WC-42-02

Tgt Ion:152 Resp: 205300
 Ion Ratio Lower Upper
 152 100
 150 161.9 124.6 186.8
 115 64.8 50.1 75.1



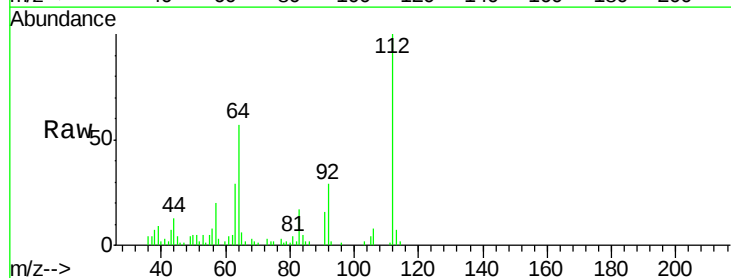
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



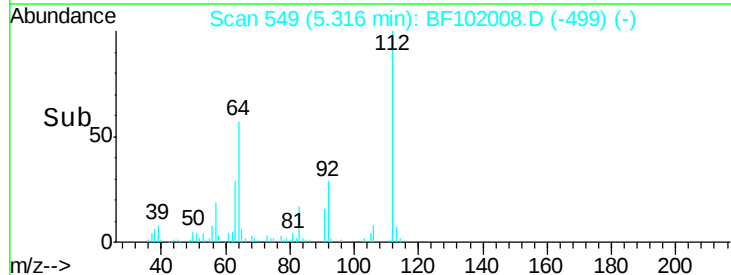
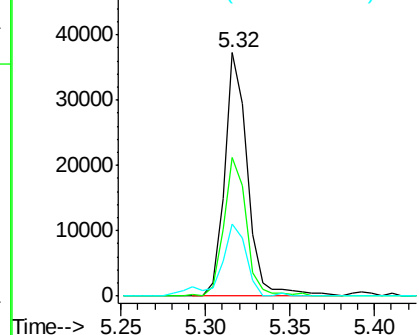
#5

2-Fluorophenol
 Concen: 2.426 ng
 RT: 5.32 min Scan# 549
 Delta R.T. -0.01 min
 Lab File: BF102008.D
 Acq: 11 Jan 2018 9:51

Tgt Ion:112 Resp: 35269
 Ion Ratio Lower Upper
 112 100
 64 56.9 47.9 71.9
 63 29.5 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: 2.366 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF102008.D

Acq: 11 Jan 2018 9:51

Instrument :

BNA_F

ClientSampleId :

WC-42-02

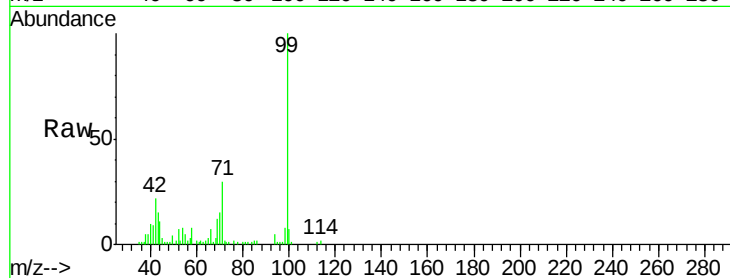
Tgt Ion: 99 Resp: 41041

Ion Ratio Lower Upper

99 100

42 21.5 14.5 21.7

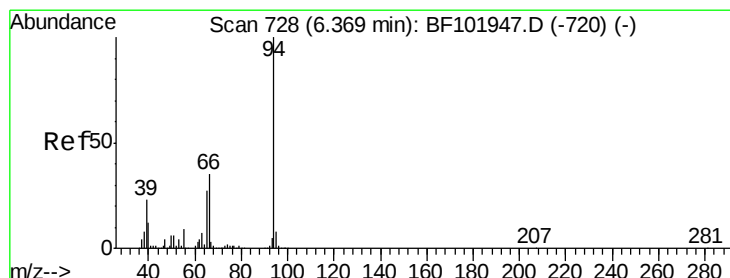
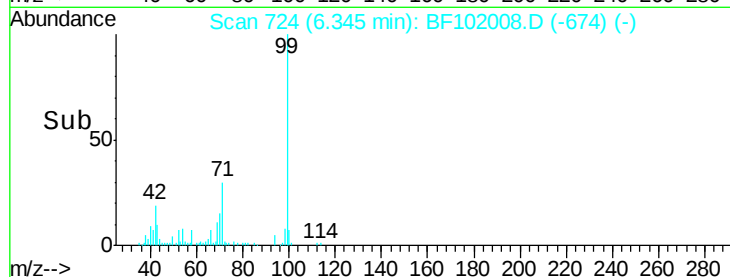
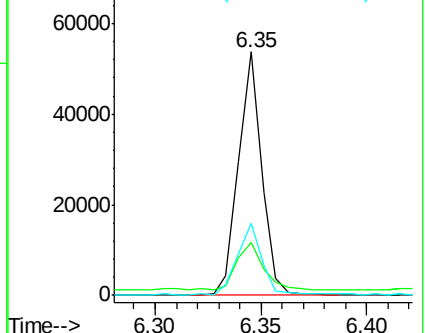
71 29.7 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 3.795 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF102008.D

Acq: 11 Jan 2018 9:51

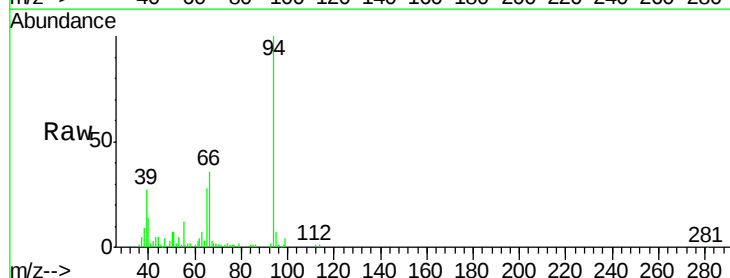
Tgt Ion: 94 Resp: 74395

Ion Ratio Lower Upper

94 100

65 28.1 7.9 47.9

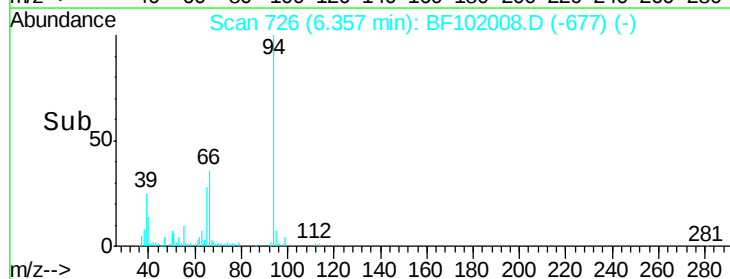
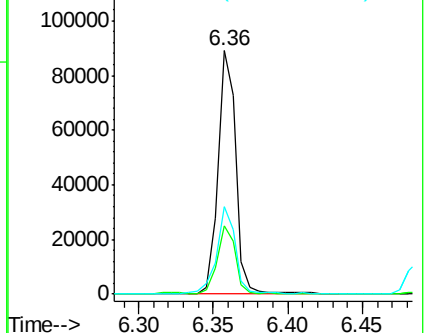
66 36.2 16.2 56.2

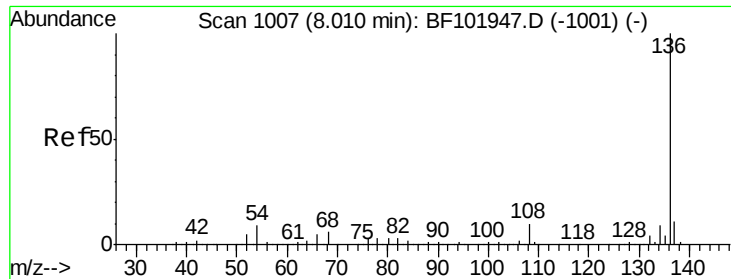


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

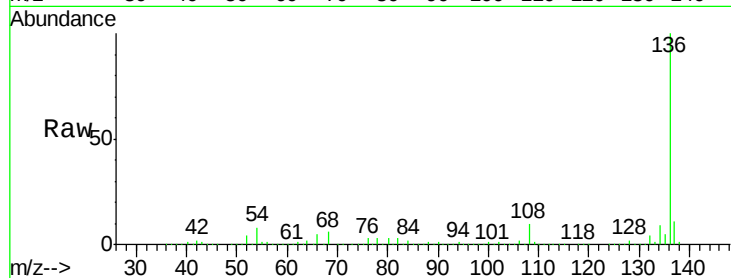




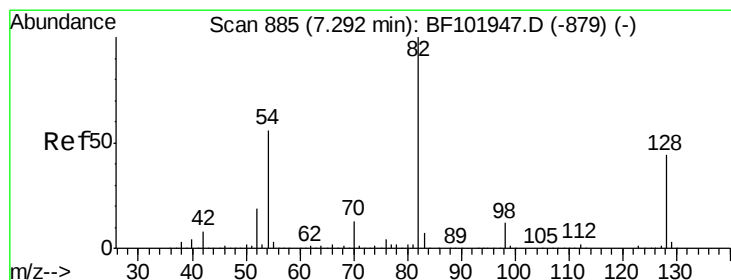
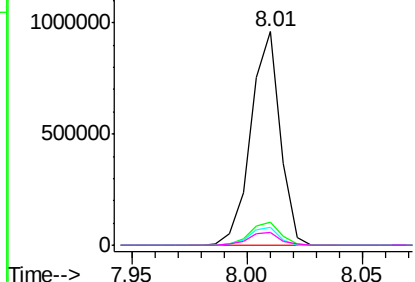
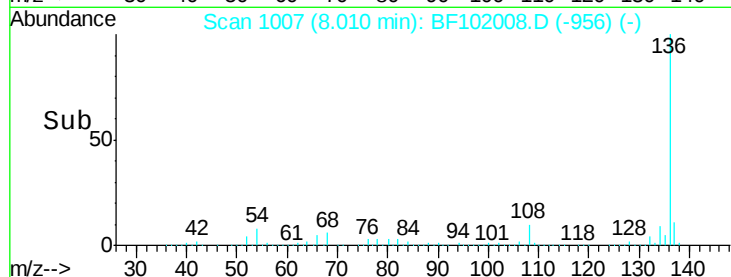
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BF102008.D
Acq: 11 Jan 2018 9:51

Instrument :
BNA_F
ClientSampleId :
WC-42-02

Tgt Ion:	136	Resp:	851300
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.9	13.3
54	8.2	6.6	9.8
68	6.2	5.0	7.4

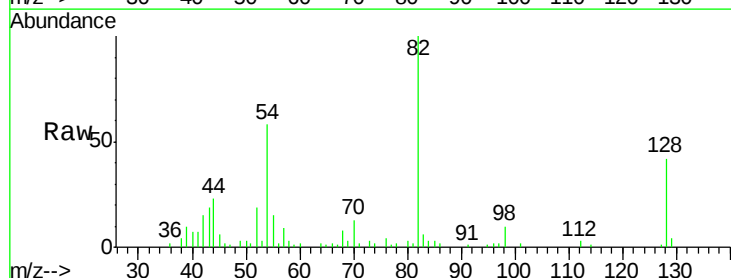


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

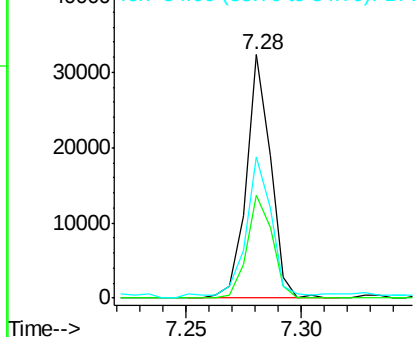
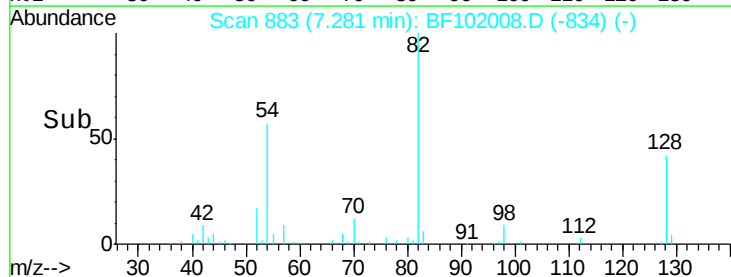


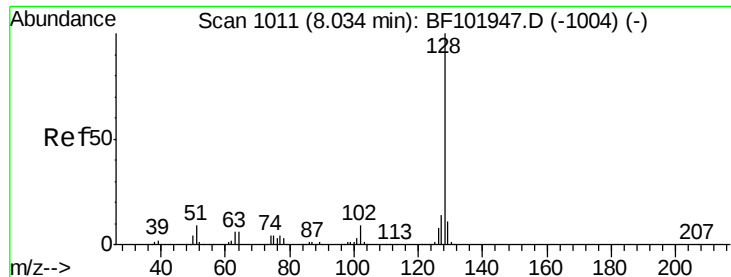
#23
Nitrobenzene-d5
Concen: 1.646 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102008.D
Acq: 11 Jan 2018 9:51

Tgt Ion:	82	Resp:	23841
Ion Ratio	Lower	Upper	
82	100		
128	42.5	36.1	54.1
54	58.1	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

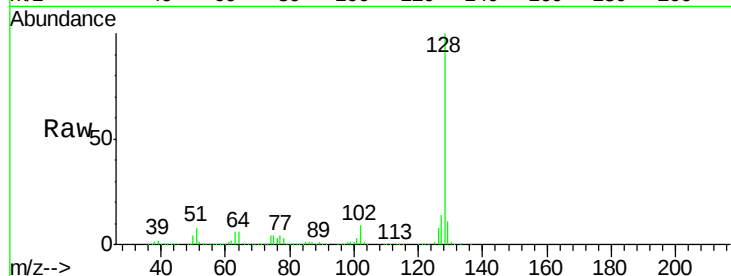




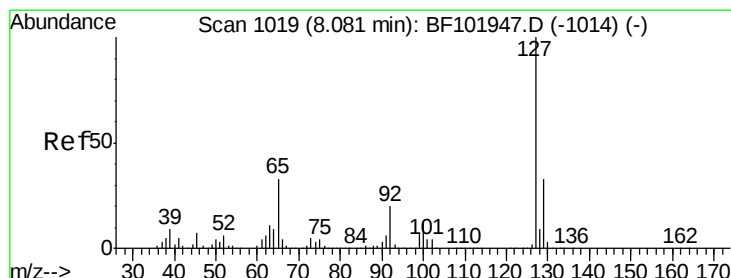
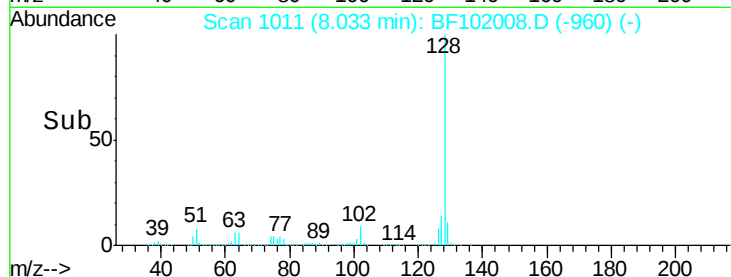
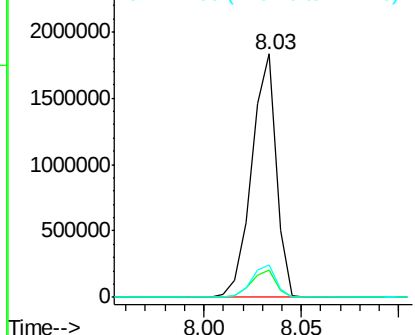
#31
Naphthalene
Concen: 37.636 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF102008.D
Acq: 11 Jan 2018 9:51

Instrument :
BNA_F
ClientSampleId :
WC-42-02

Tgt Ion:128 Resp: 1600944
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.6 10.9 16.3

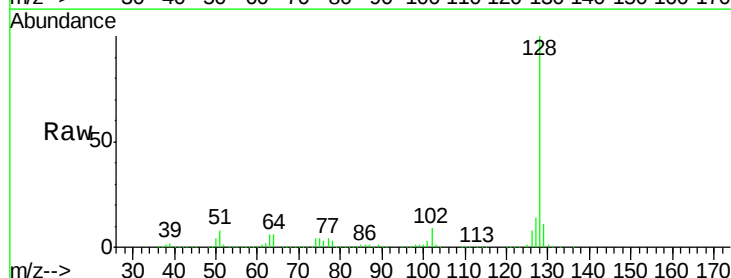


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

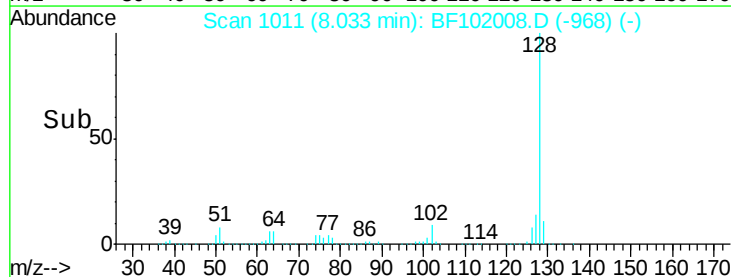
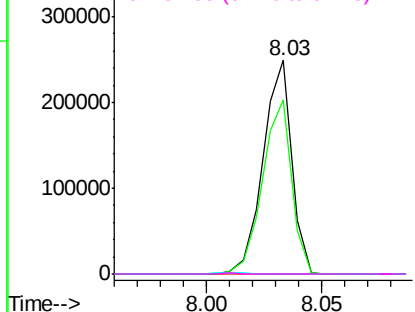


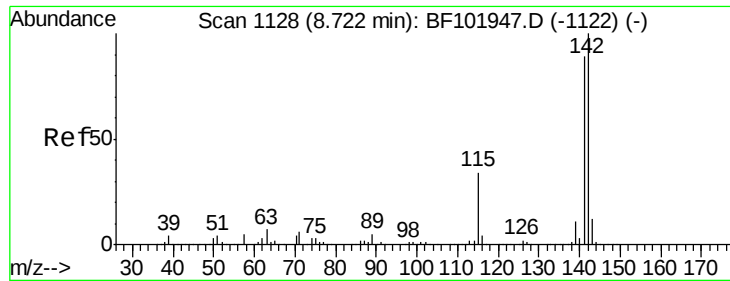
#33
4-Chloroaniline
Concen: 11.846 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.05 min
Lab File: BF102008.D
Acq: 11 Jan 2018 9:51

Tgt Ion:127 Resp: 215074
Ion Ratio Lower Upper
127 100
129 81.6 25.9 38.9#
65 0.0 25.0 37.4#
92 0.0 15.2 22.8#



Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

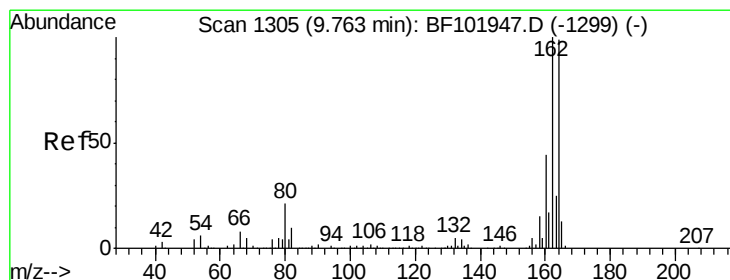
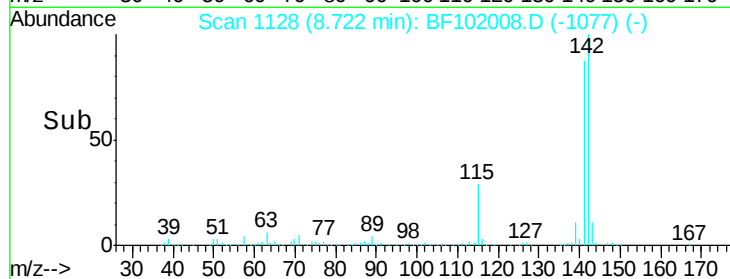
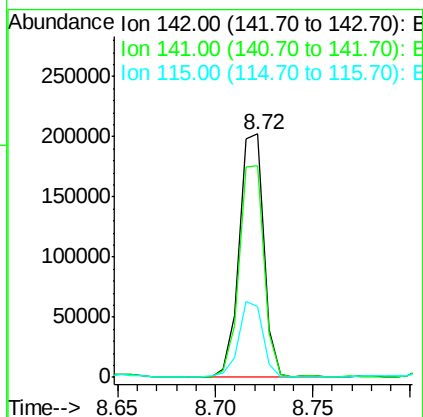
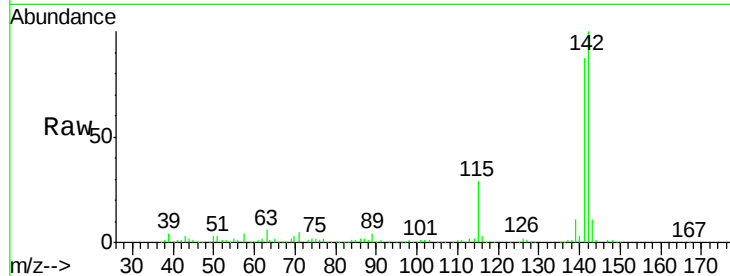




#37
 2-Methylnaphthalene
 Concen: 6.382 ng
 RT: 8.72 min Scan# 1128
 Delta R.T. -0.00 min
 Lab File: BF102008.D
 Acq: 11 Jan 2018 9:51

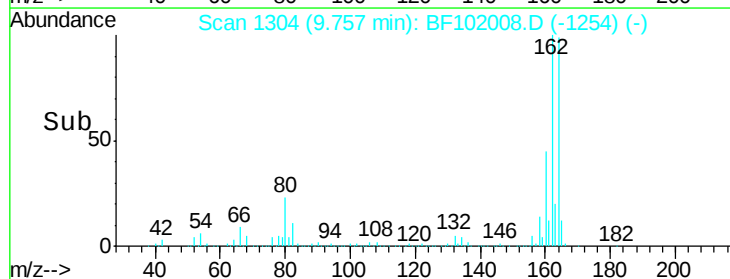
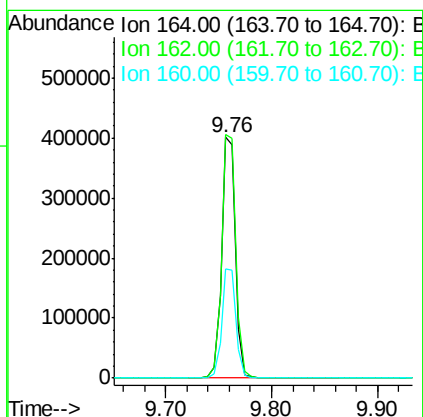
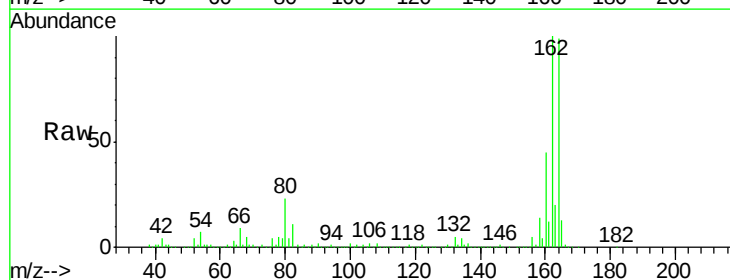
Instrument :
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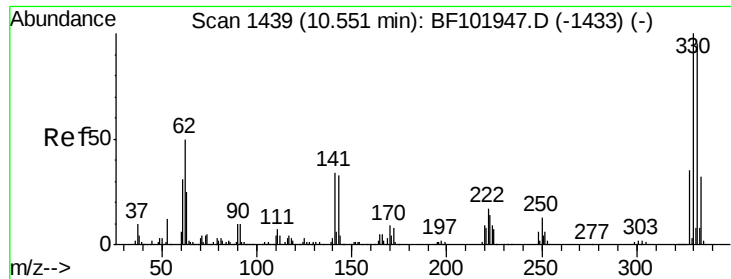
Tgt Ion:142 Resp: 178713
 Ion Ratio Lower Upper
 142 100
 141 86.8 70.8 106.2
 115 29.3 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF102008.D
 Acq: 11 Jan 2018 9:51

Tgt Ion:164 Resp: 369800
 Ion Ratio Lower Upper
 164 100
 162 101.2 86.1 129.1
 160 45.3 38.3 57.5

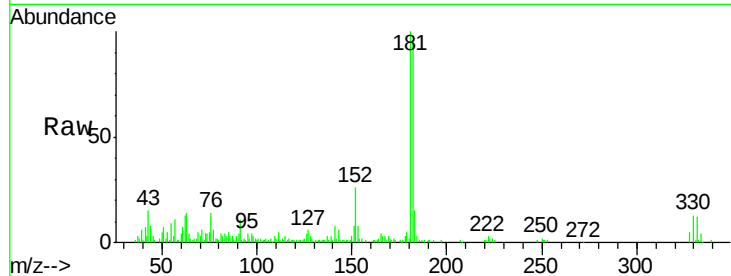




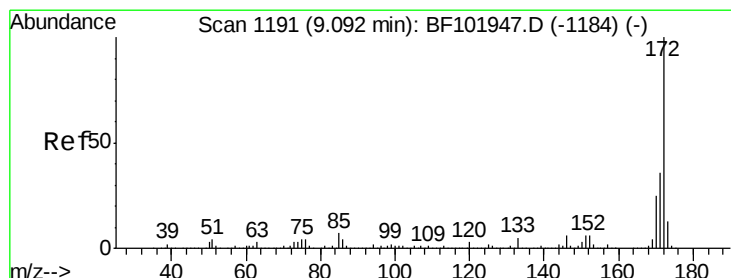
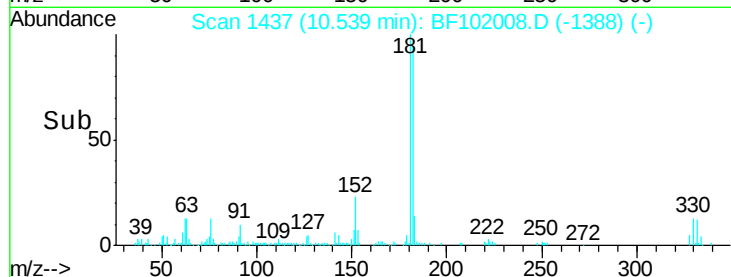
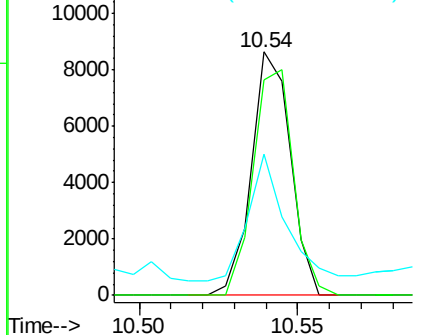
#41
 2,4,6-Tribromophenol
 Concen: 2.287 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102008.D
 Acq: 11 Jan 2018 9:51

Instrument :
 BNA_F
 ClientSampleId :
 WC-42-02

Tgt Ion: 330 Resp: 7379
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 52.5 29.9 44.9#

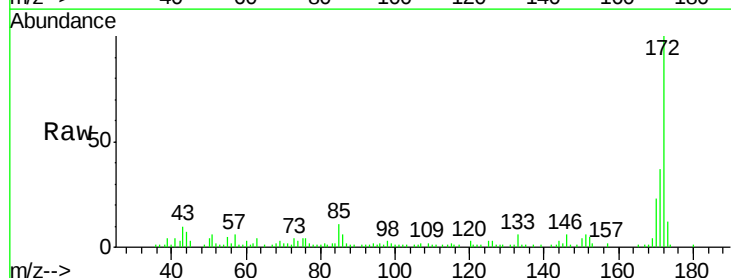


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

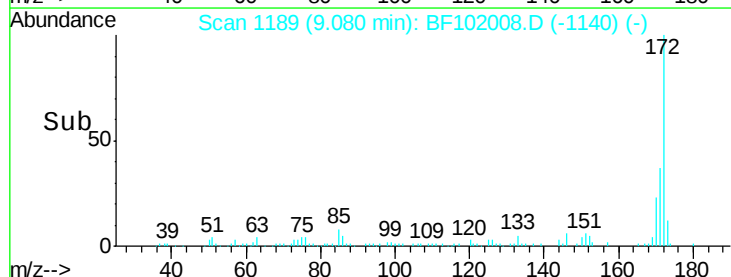
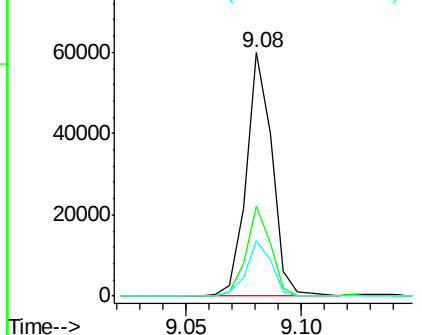


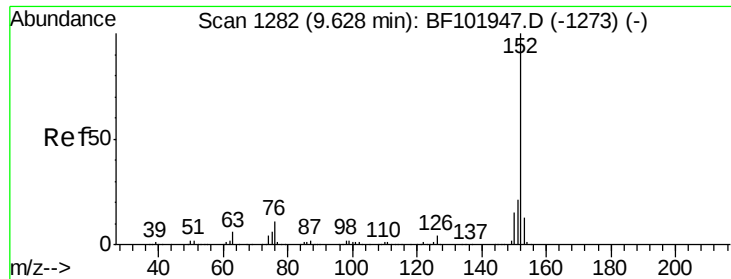
#44
 2-Fluorobiphenyl
 Concen: 1.980 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF102008.D
 Acq: 11 Jan 2018 9:51

Tgt Ion: 172 Resp: 46860
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.7 44.5
 170 22.6 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





#48

Acenaphthylene

Concen: 8.097 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF102008.D

Acq: 11 Jan 2018 9:51

Instrument :

BNA_F

ClientSampleId :

WC-42-02

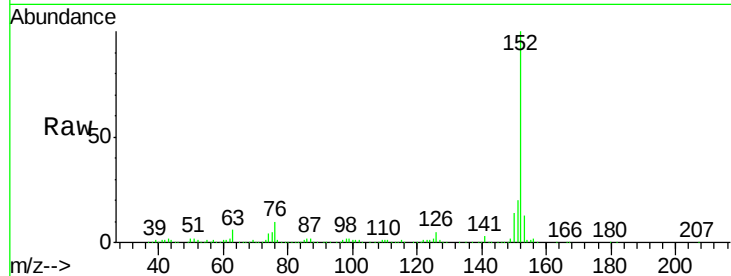
Tgt Ion:152 Resp: 325691

Ion Ratio Lower Upper

152 100

151 20.1 16.3 24.5

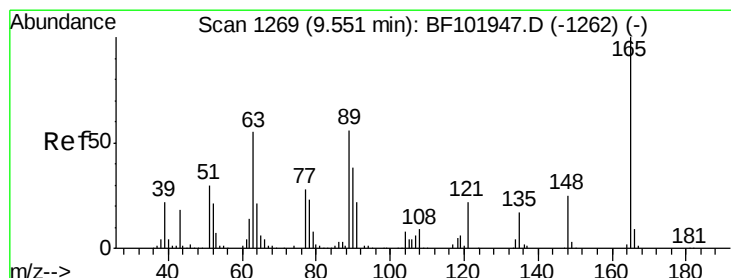
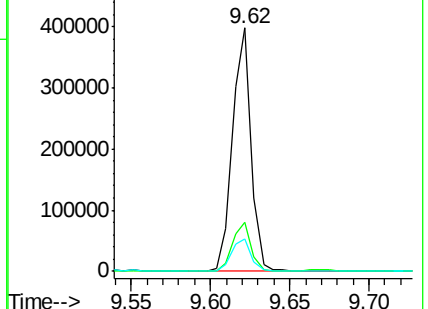
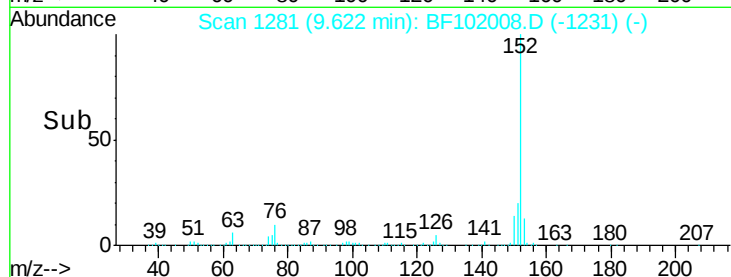
153 13.1 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

2,6-Dinitrotoluene

Concen: 8.822 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.21 min

Lab File: BF102008.D

Acq: 11 Jan 2018 9:51

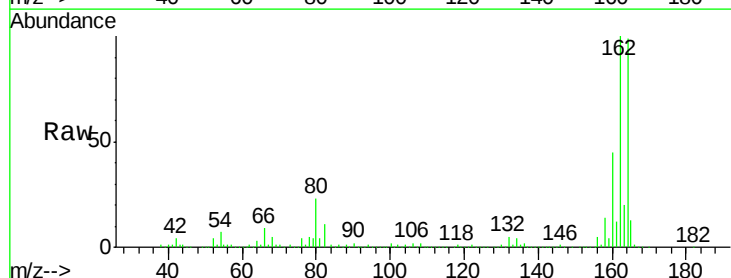
Tgt Ion:165 Resp: 52279

Ion Ratio Lower Upper

165 100

63 2.0 44.7 67.1#

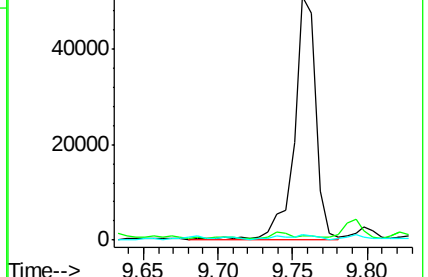
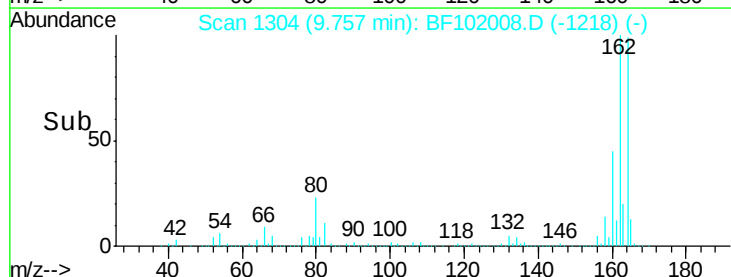
89 2.5 44.0 66.0#

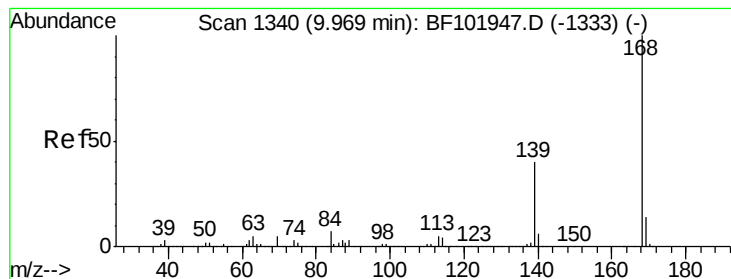


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#54

Dibenzenofuran

Concen: 5.121 ng

RT: 9.96 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BF102008.D

Acq: 11 Jan 2018 9:51

Instrument :

BNA_F

ClientSampleId :

WC-42-02

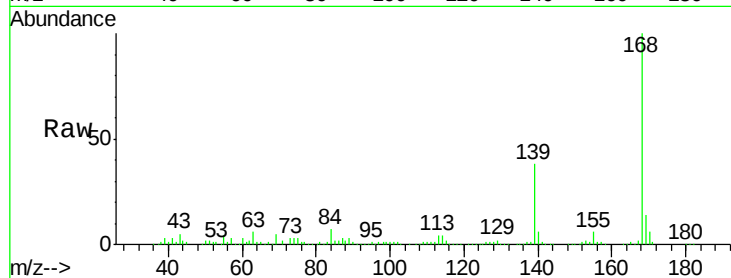
Tgt Ion:168 Resp: 171592

Ion Ratio Lower Upper

168 100

139 37.7 30.1 45.1

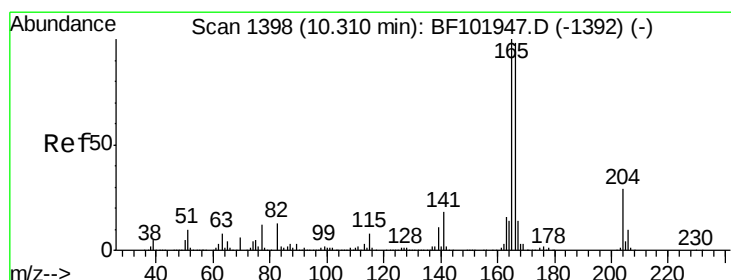
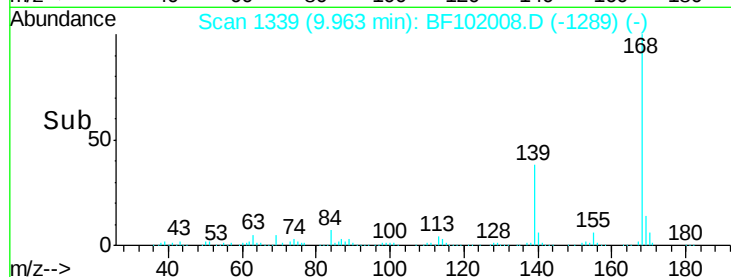
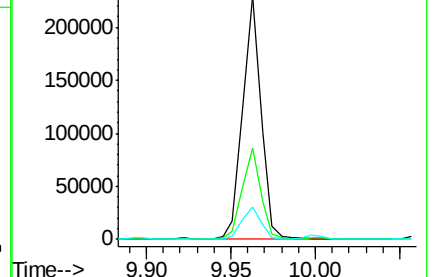
169 13.6 10.9 16.3



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



#57

Fluorene

Concen: 12.363 ng

RT: 10.30 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BF102008.D

Acq: 11 Jan 2018 9:51

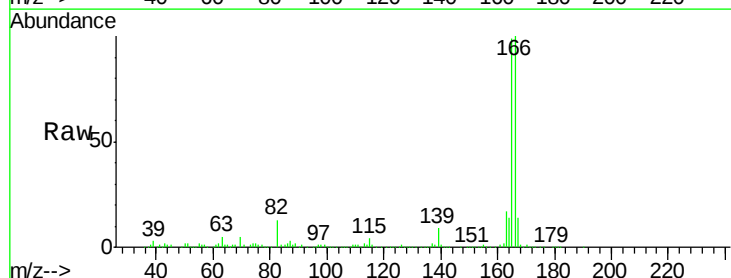
Tgt Ion:166 Resp: 286368

Ion Ratio Lower Upper

166 100

165 98.6 79.8 119.8

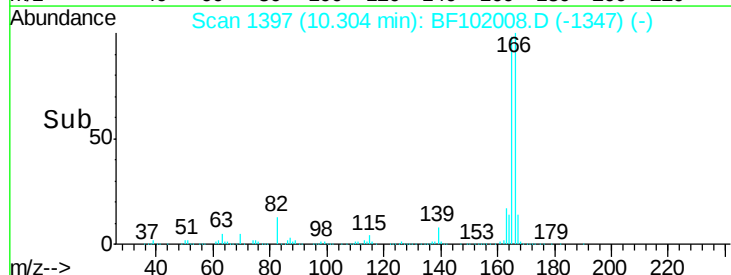
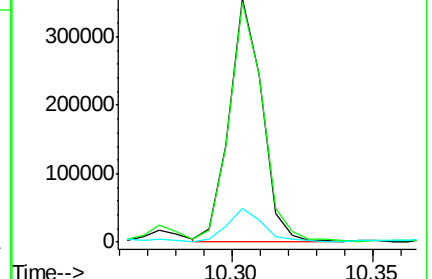
167 13.9 10.6 16.0

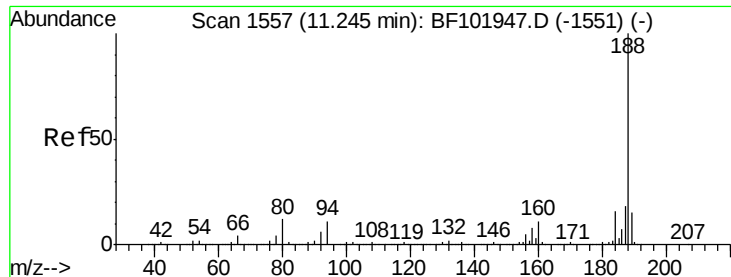


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

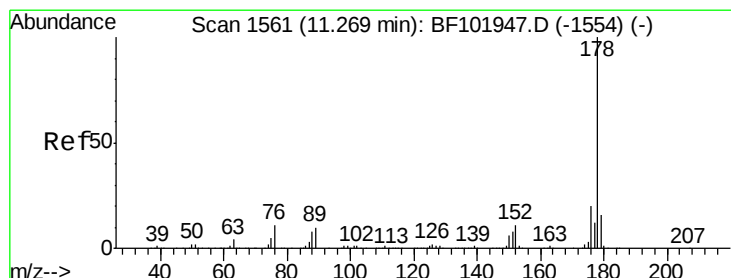
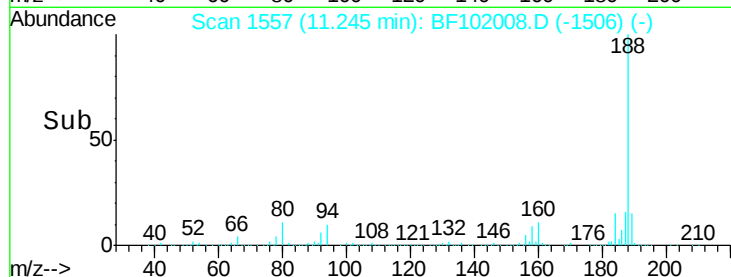
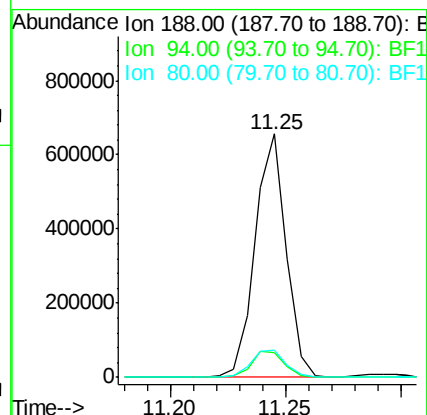
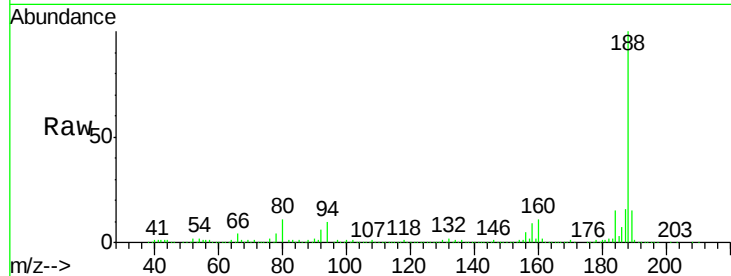




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. -0.00 min
Lab File: BF102008.D
Acq: 11 Jan 2018 9:51

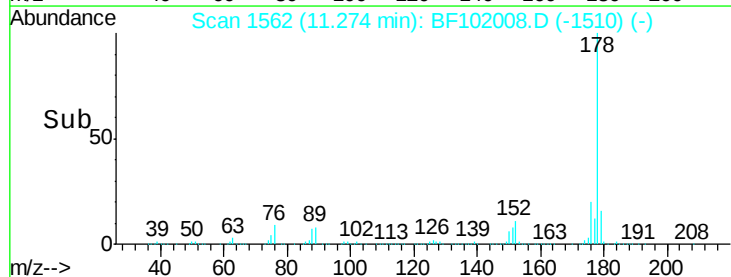
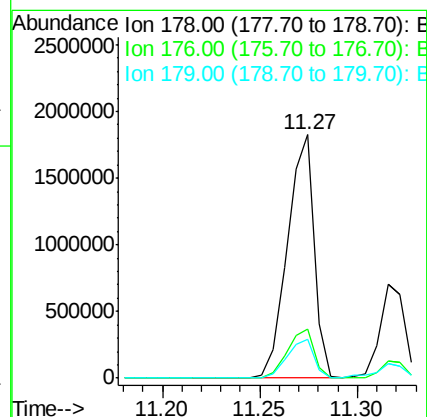
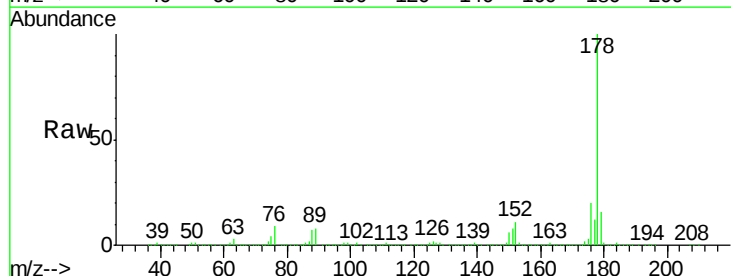
Instrument :
BNA_F
ClientSampleId :
WC-42-02

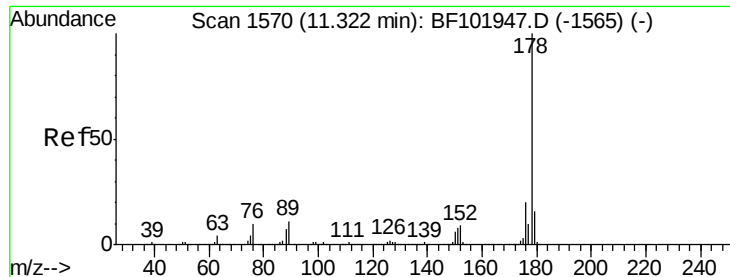
Tgt Ion:188 Resp: 616199
Ion Ratio Lower Upper
188 100
94 10.4 8.5 12.7
80 11.2 9.2 13.8



#70
Phenanthrene
Concen: 47.934 ng
RT: 11.27 min Scan# 1562
Delta R.T. 0.01 min
Lab File: BF102008.D
Acq: 11 Jan 2018 9:51

Tgt Ion:178 Resp: 1725358
Ion Ratio Lower Upper
178 100
176 20.4 15.8 23.8
179 15.8 13.0 19.6

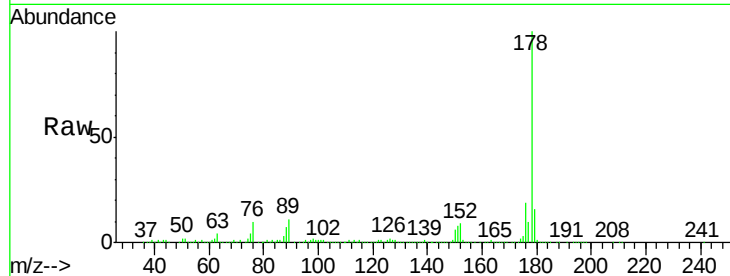




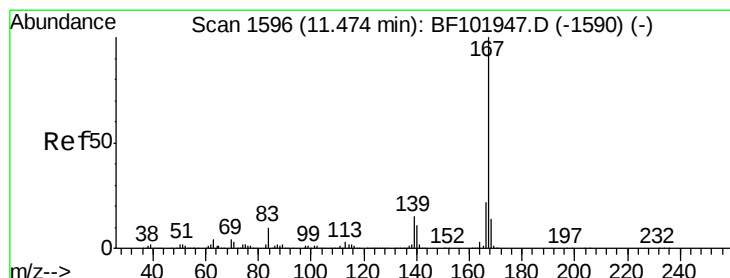
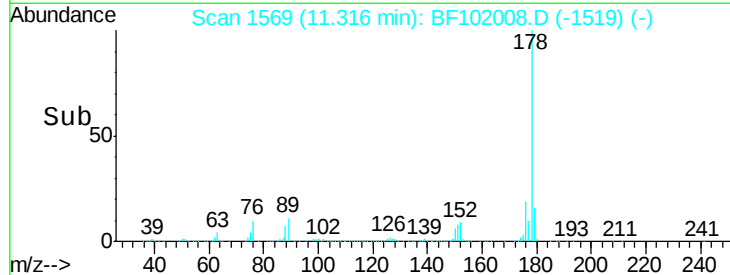
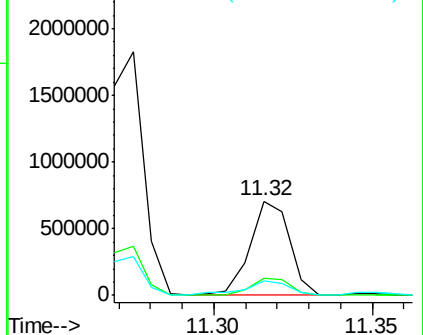
#71
 Anthracene
 Concen: 16.687 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF102008.D
 Acq: 11 Jan 2018 9:51

Instrument :
 BNA_F
 ClientSampleId :
 WC-42-02

Tgt Ion:178 Resp: 609142
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.4 23.2
 179 16.1 12.6 19.0

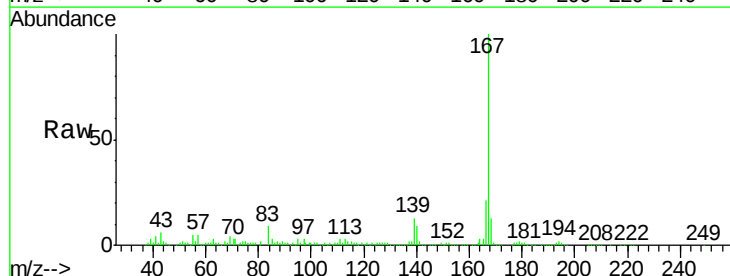


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

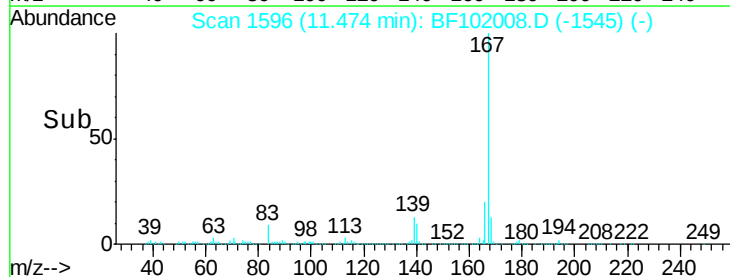
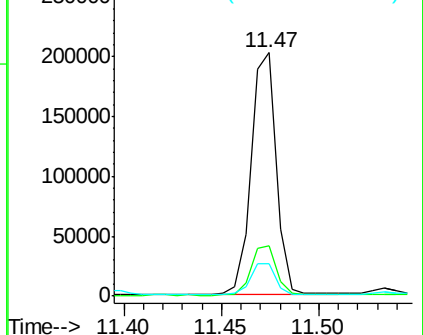


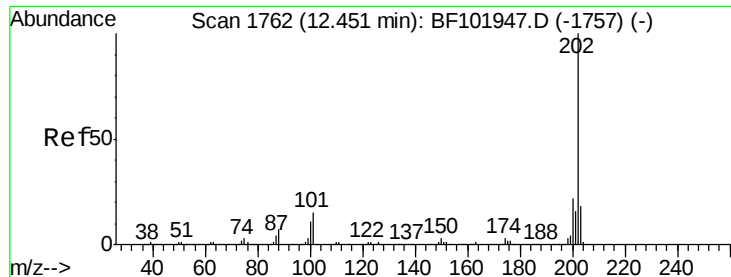
#72
 Carbazole
 Concen: 5.039 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.00 min
 Lab File: BF102008.D
 Acq: 11 Jan 2018 9:51

Tgt Ion:167 Resp: 180812
 Ion Ratio Lower Upper
 167 100
 166 20.6 17.6 26.4
 139 13.4 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: 52.499 ng

RT: 12.46 min Scan# 1763

Delta R.T. 0.01 min

Lab File: BF102008.D

Acq: 11 Jan 2018 9:51

Instrument :

BNA_F

ClientSampleId :

WC-42-02

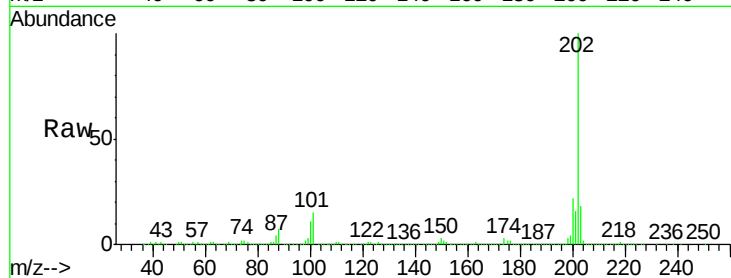
Tgt Ion:202 Resp: 1859158

Ion Ratio Lower Upper

202 100

101 14.7 0.0 34.1

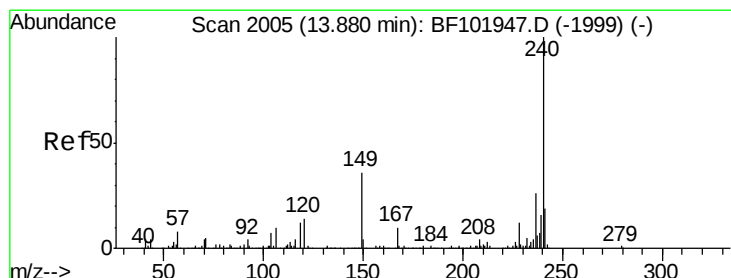
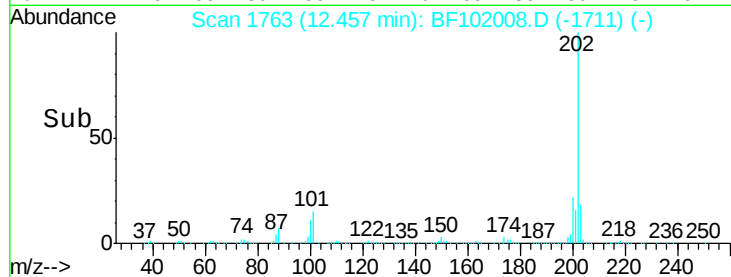
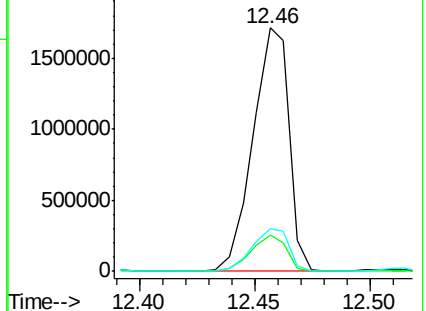
203 17.7 0.0 38.1



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: 13.88 min Scan# 2005

Delta R.T. -0.00 min

Lab File: BF102008.D

Acq: 11 Jan 2018 9:51

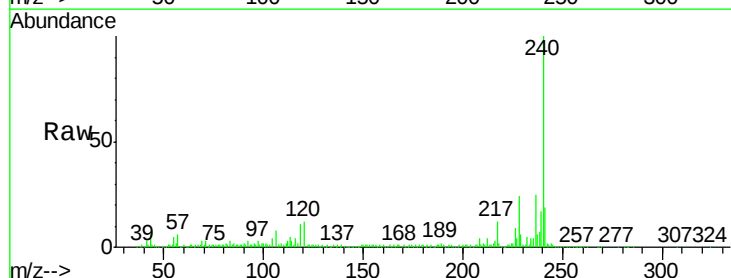
Tgt Ion:240 Resp: 356476

Ion Ratio Lower Upper

240 100

120 11.8 9.5 14.3

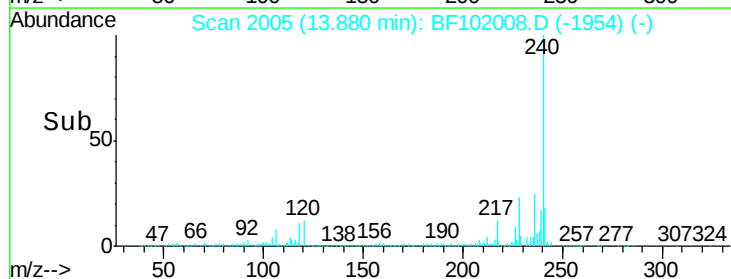
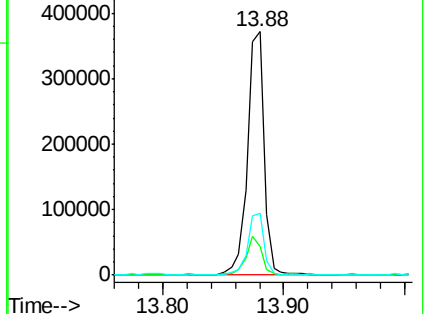
236 25.5 20.7 31.1

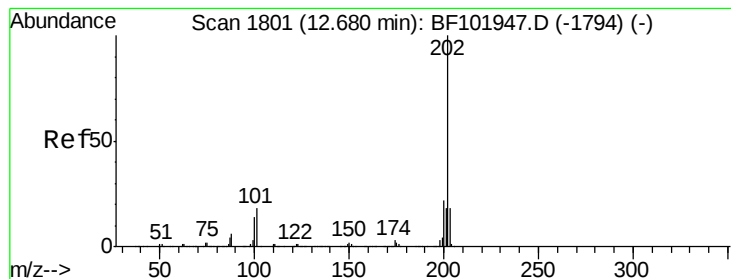


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 48.622 ng

RT: 12.69 min Scan# 1802

Delta R.T. 0.01 min

Lab File: BF102008.D

Acq: 11 Jan 2018 9:51

Instrument :

BNA_F

ClientSampleId :

WC-42-02

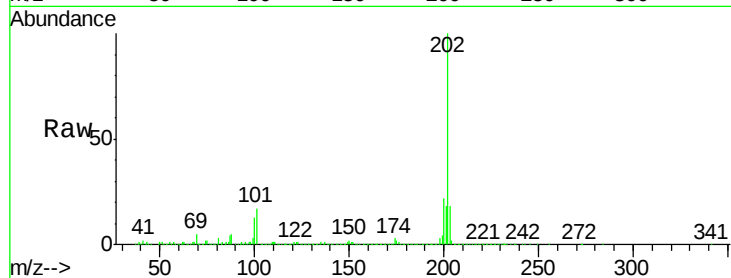
Tgt Ion:202 Resp: 1532083

Ion Ratio Lower Upper

202 100

200 21.8 17.4 26.2

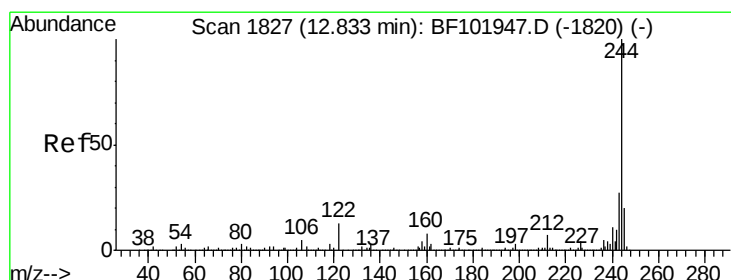
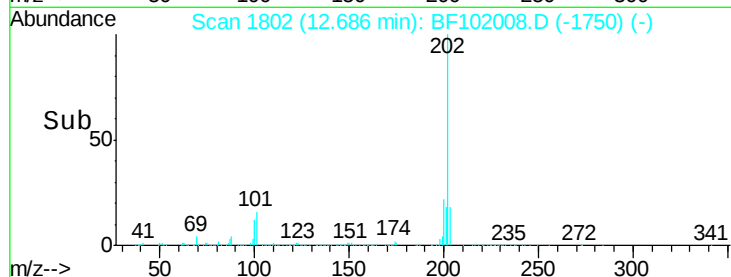
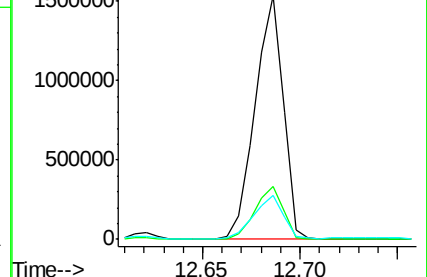
203 18.0 14.3 21.5



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: 2.279 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF102008.D

Acq: 11 Jan 2018 9:51

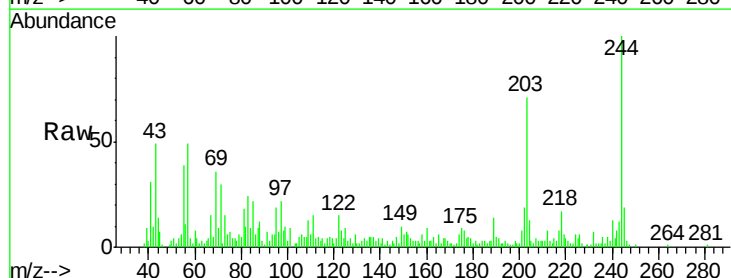
Tgt Ion:244 Resp: 39121

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.0

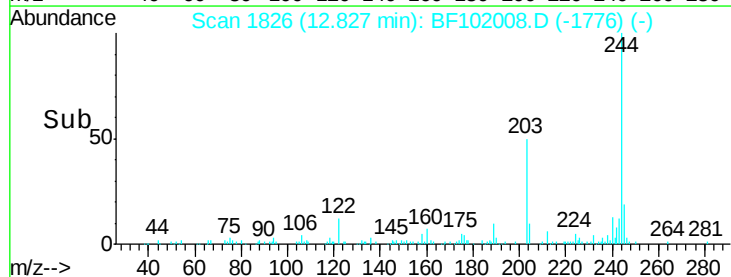
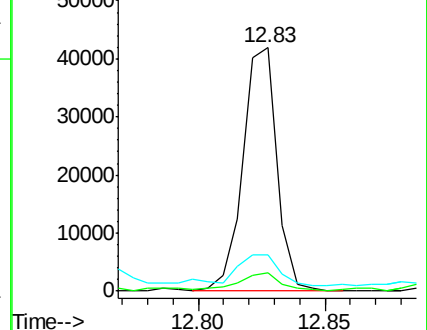
122 15.1 11.0 16.4

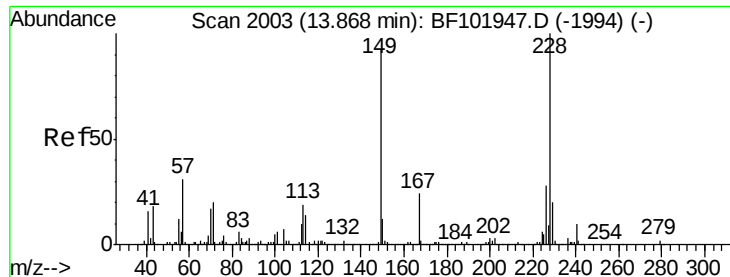


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 24.785 ng

RT: 13.90 min Scan# 2009

Delta R.T. 0.04 min

Lab File: BF102008.D

Acq: 11 Jan 2018 9:51

Instrument :

BNA_F

ClientSampleId :

WC-42-02

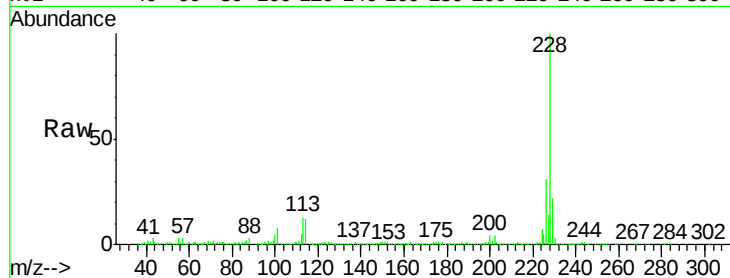
Tgt Ion:228 Resp: 563714

Ion Ratio Lower Upper

228 100

226 30.8 22.6 33.8

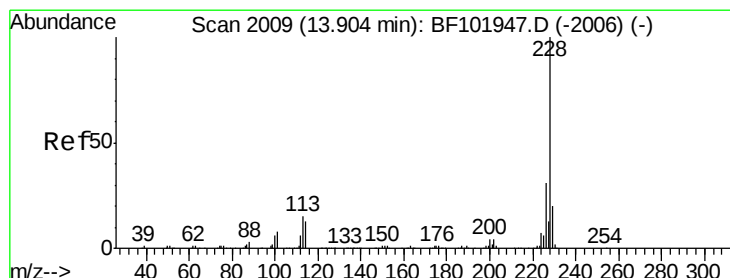
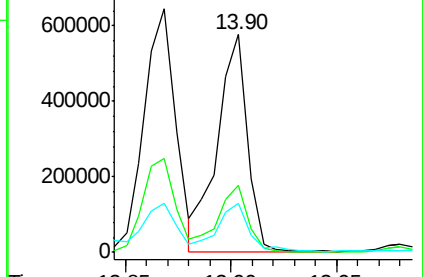
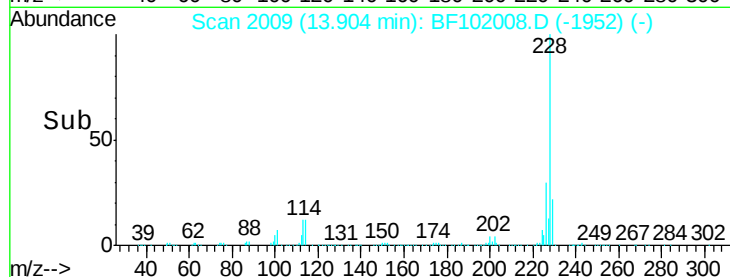
229 22.5 15.8 23.6



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: 23.769 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.00 min

Lab File: BF102008.D

Acq: 11 Jan 2018 9:51

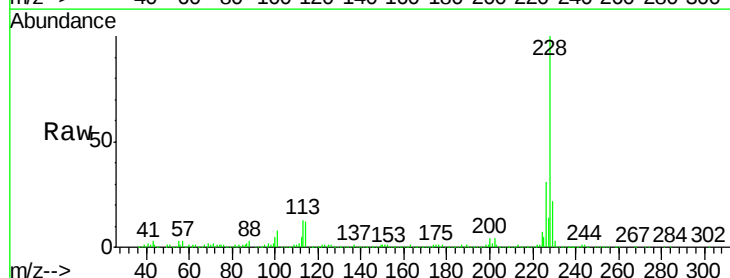
Tgt Ion:228 Resp: 563714

Ion Ratio Lower Upper

228 100

226 30.8 25.0 37.6

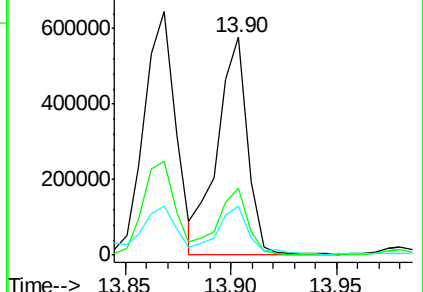
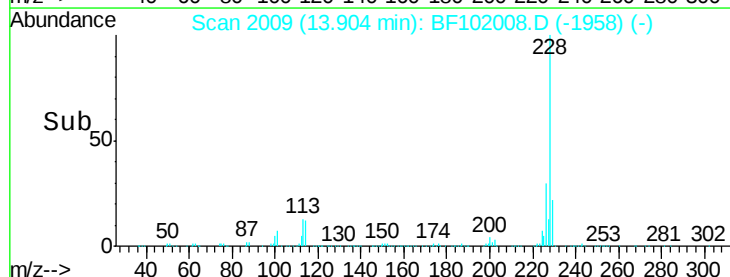
229 22.5 16.2 24.4

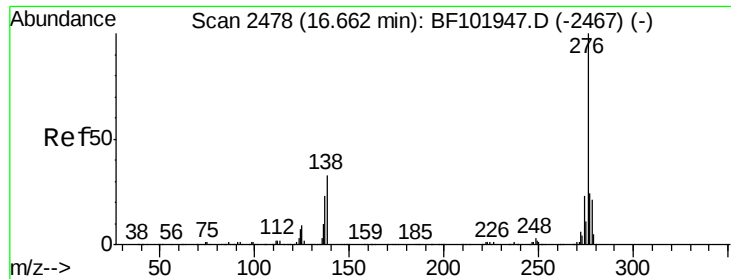


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

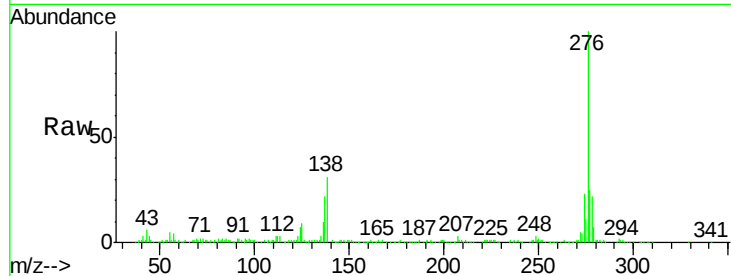




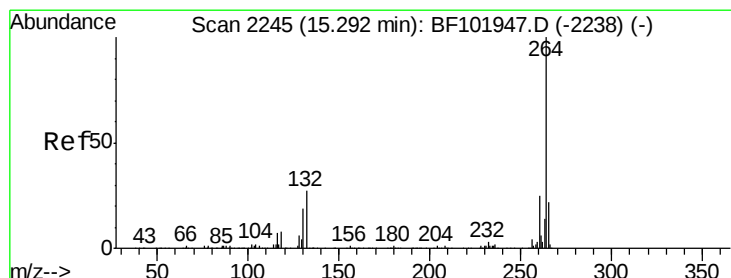
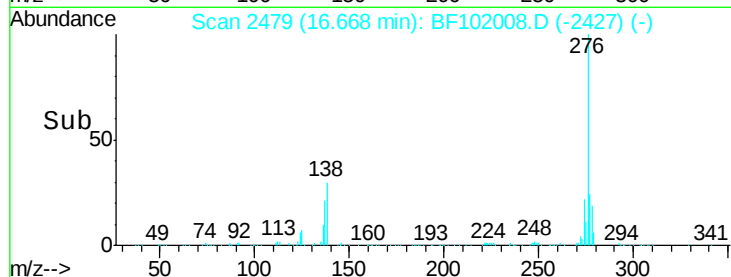
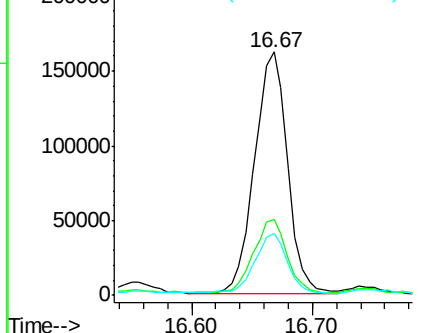
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 17.875 ng
 RT: 16.67 min Scan# 2479
 Delta R.T. 0.01 min
 Lab File: BF102008.D
 Acq: 11 Jan 2018 9:51

Instrument :
 BNA_F
 ClientSampleId :
 WC-42-02

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.9	25.0	37.6
277	24.8	20.1	30.1

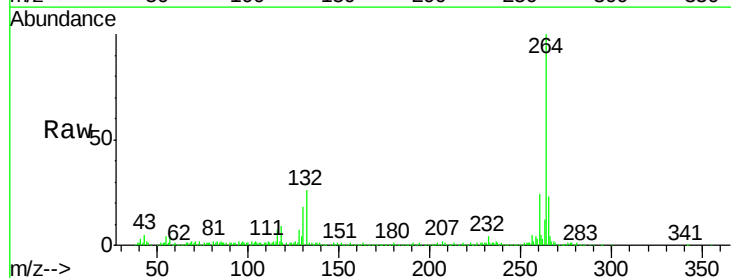


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

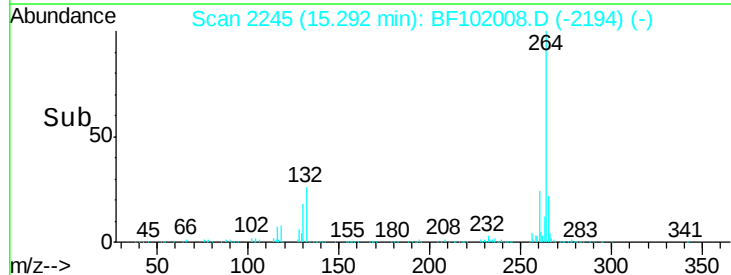
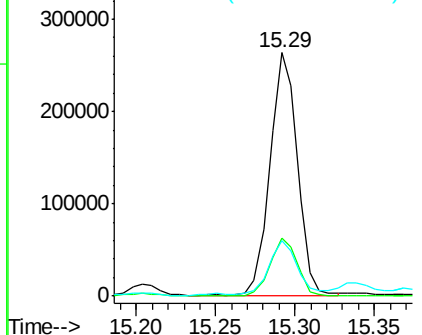


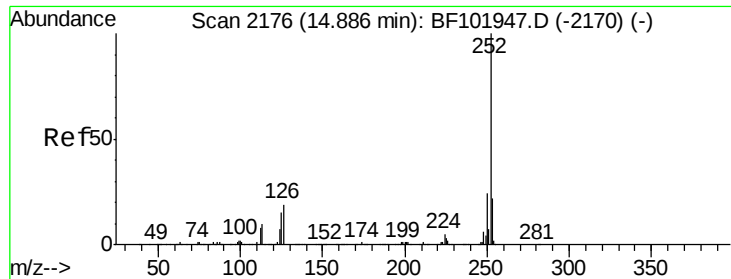
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2245
 Delta R.T. -0.00 min
 Lab File: BF102008.D
 Acq: 11 Jan 2018 9:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	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: 38.819 ng

RT: 14.89 min Scan# 2177

Delta R.T. 0.01 min

Lab File: BF102008.D

Acq: 11 Jan 2018 9:51

Instrument :

BNA_F

ClientSampleId :

WC-42-02

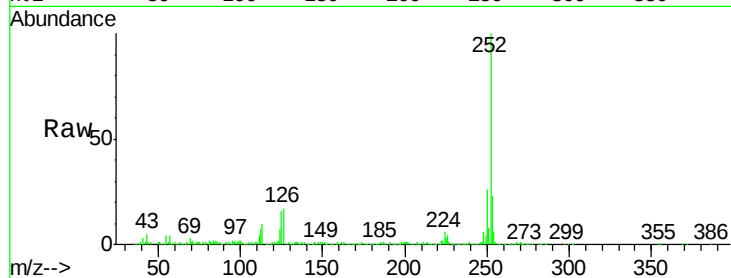
Tgt Ion:252 Resp: 804986

Ion Ratio Lower Upper

252 100

253 23.2 17.0 25.6

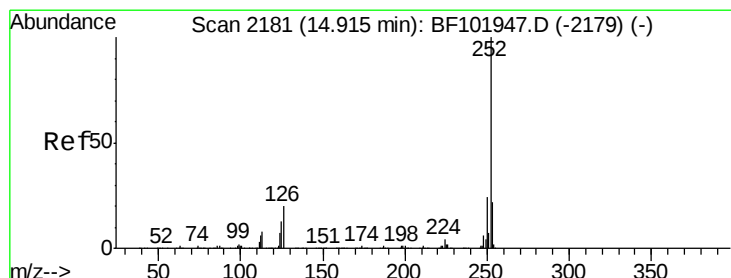
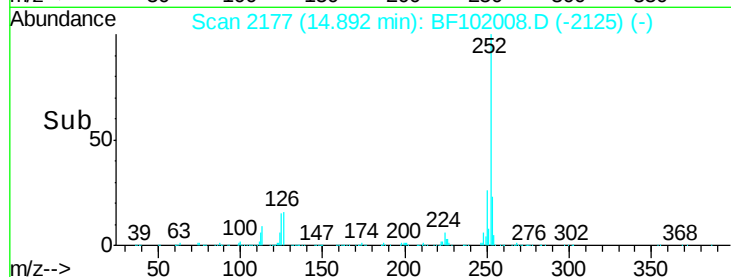
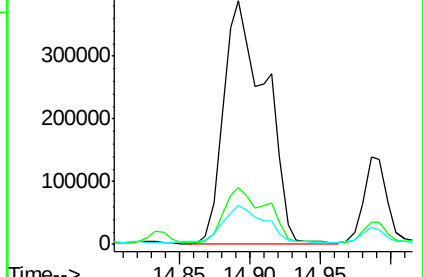
125 15.8 9.0 13.6#



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: 40.240 ng

RT: 14.89 min Scan# 2177

Delta R.T. -0.02 min

Lab File: BF102008.D

Acq: 11 Jan 2018 9:51

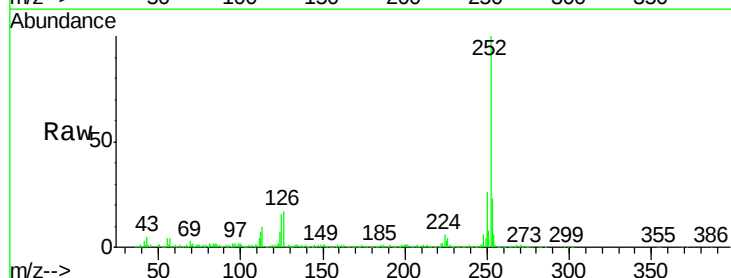
Tgt Ion:252 Resp: 804986

Ion Ratio Lower Upper

252 100

253 23.2 17.9 26.9

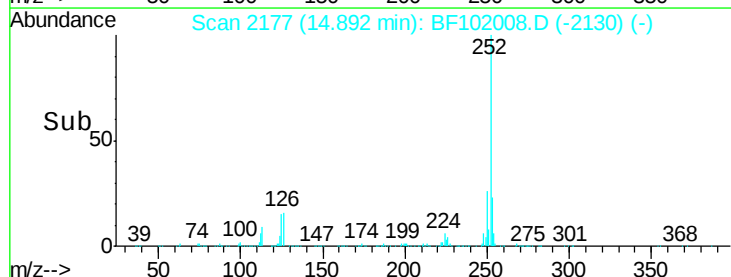
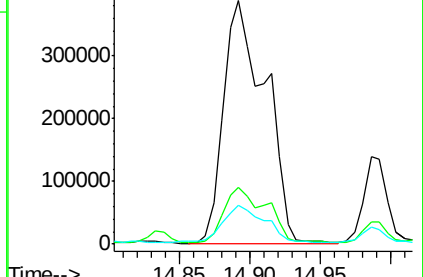
125 15.8 10.2 15.2#

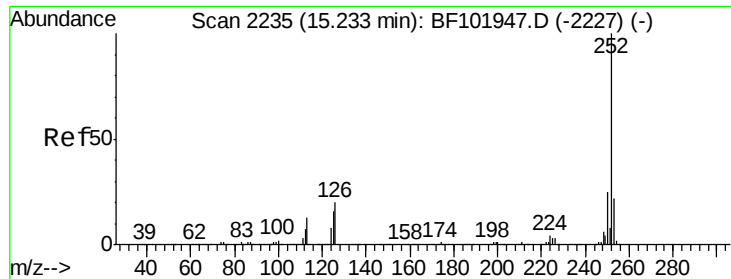


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 24.363 ng

RT: 15.23 min Scan# 2235

Delta R.T. -0.00 min

Lab File: BF102008.D

Acq: 11 Jan 2018 9:51

Instrument :

BNA_F

ClientSampleId :

WC-42-02

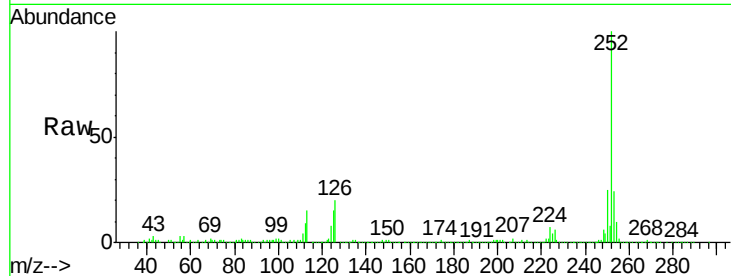
Tgt Ion:252 Resp: 454619

Ion Ratio Lower Upper

252 100

253 24.1 17.1 25.7

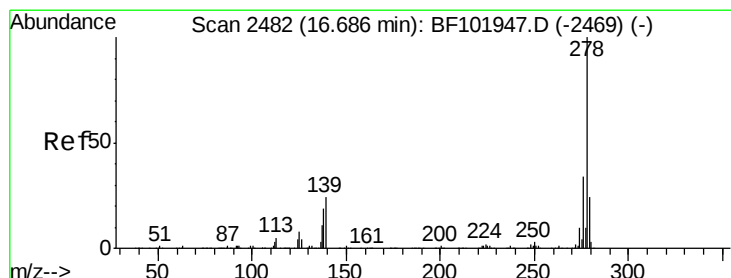
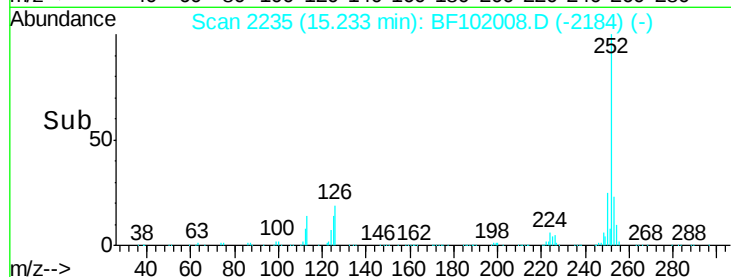
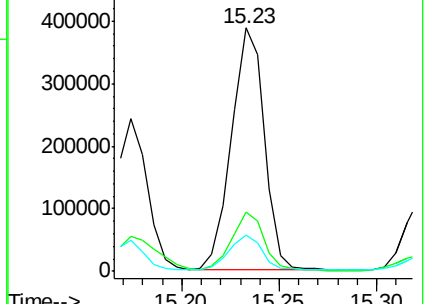
125 14.9 9.8 14.6#



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: 5.378 ng

RT: 16.83 min Scan# 2507

Delta R.T. 0.15 min

Lab File: BF102008.D

Acq: 11 Jan 2018 9:51

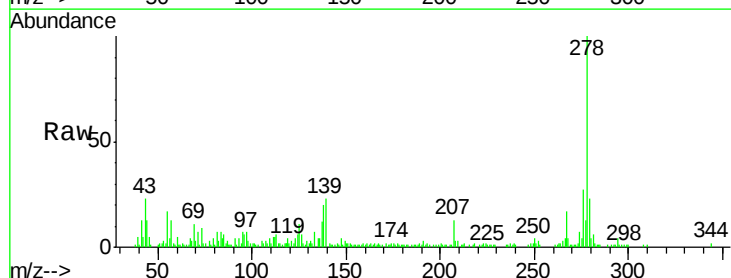
Tgt Ion:278 Resp: 80090

Ion Ratio Lower Upper

278 100

139 23.0 15.9 23.9

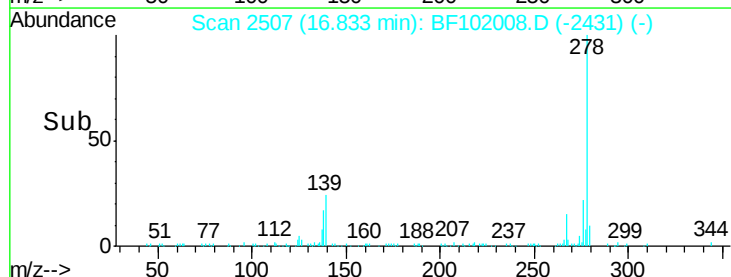
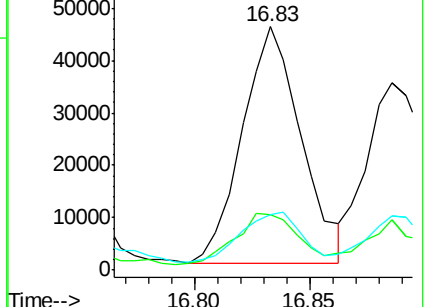
279 22.8 19.0 28.4

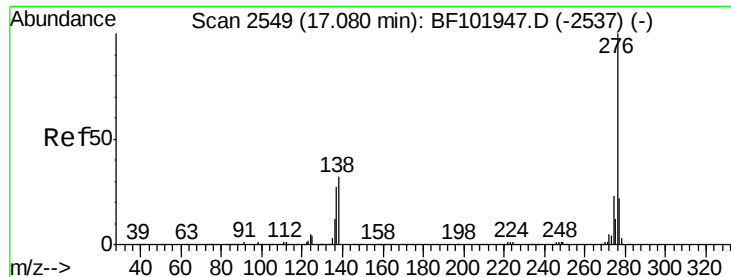


Abundance Ion 278.00 (277.70 to 278.70): E

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: 19.309 ng

RT: 17.08 min Scan# 2549

Delta R.T. -0.00 min

Lab File: BF102008.D

Acq: 11 Jan 2018 9:51

Instrument :

BNA_F

ClientSampleId :

WC-42-02

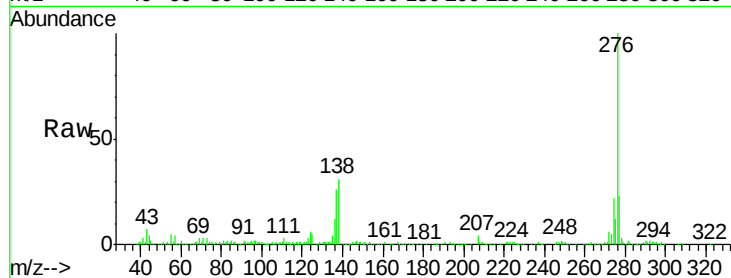
Tgt Ion: 276 Resp: 289645

Ion Ratio Lower Upper

276 100

277 22.8 17.9 26.9

138 30.9 21.8 32.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

