

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041218\
 Data File : BF104461.D
 Acq On : 12 Apr 2018 19:49
 Operator : JU/SJ
 Sample : J2335-01 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 13 00:16:43 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 12 17:07:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	113598	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	422184	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	156803	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	251524	20.00	ng	0.00
75) Chrysene-d12	14.00	240	193853	20.00	ng	0.01
86) Perylene-d12	15.47	264	172630	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	164216	22.10	ng	0.00
7) Phenol-d6	6.43	99	194569	21.32	ng	-0.01
23) Nitrobenzene-d5	7.37	82	106681	16.50	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	31235	19.20	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	167635	16.89	ng	0.00
78) Terphenyl-d14	12.93	244	138411	16.28	ng	0.00

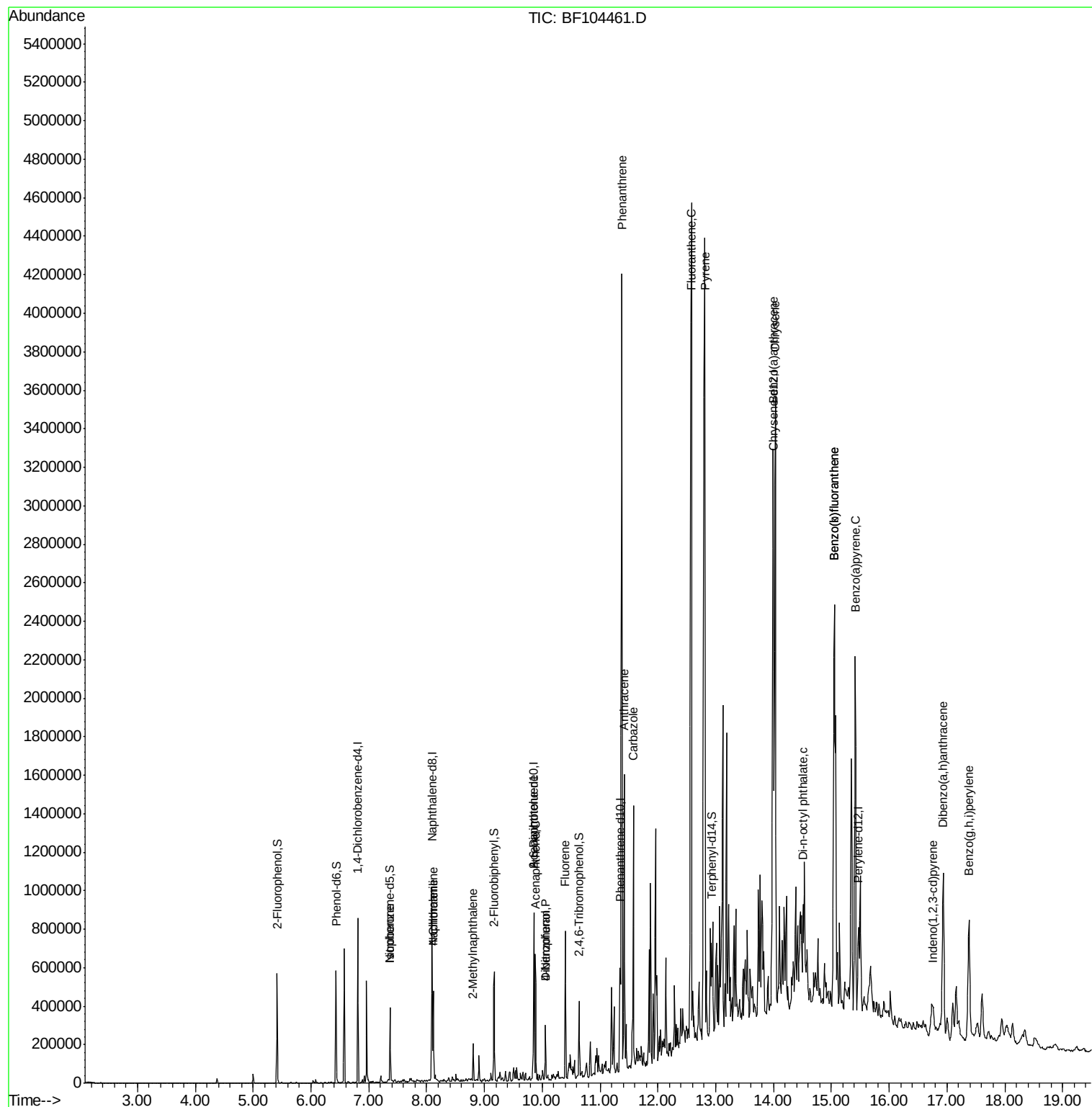
Target Compounds				Qvalue		
9) Benzaldehyde	6.57	77	3741	Below Cal		84
25) Isophorone	7.37	82	106681	7.803 ng	#	64
31) Naphthalene	8.12	128	178708	8.501 ng		100
33) 4-Chloroaniline	8.12	127	23331	2.590 ng	#	36
37) 2-Methylnaphthalene	8.80	142	48586	3.573 ng		95
50) 2,6-Dinitrotoluene	9.85	165	21426	9.364 ng	#	26
51) Acenaphthene	9.88	154	133698	13.423 ng		98
54) Dibenzofuran	10.06	168	105200	7.579 ng		96
55) 4-Nitrophenol	10.05	139	39124	18.594 ng	#	11
57) Fluorene	10.40	166	194076	19.209 ng		98
70) Phenanthrene	11.37	178	1986568	141.825 ng		99
71) Anthracene	11.42	178	527302	37.034 ng		99
72) Carbazole	11.57	167	492064	35.366 ng		99
74) Fluoranthene	12.58	202	2728074	186.410 ng		98
76) Benzidine	12.69	184	980	Below Cal	#	1
77) Pyrene	12.81	202	2426418	168.864 ng		98
80) Benzo(a)anthracene	13.99	228	1381554	119.295 ng		98
82) Chrysene	14.03	228	1285101	108.033 ng		97
84) Di-n-octyl phthalate	14.52	149	46437	3.192 ng	#	75
85) Indeno(1,2,3-cd)pyrene	16.76	276	102548	10.148 ng		95
87) Benzo(b)fluoranthene	15.05	252	1976029	181.237 ng		96
88) Benzo(k)fluoranthene	15.05	252	1976029	191.970 ng		99
89) Benzo(a)pyrene	15.42	252	1014299	103.972 ng		96
90) Dibenzo(a,h)anthracene	16.94	278	144500	18.035 ng		96
91) Benzo(g,h,i)perylene	17.38	276	530604	68.355 ng		96

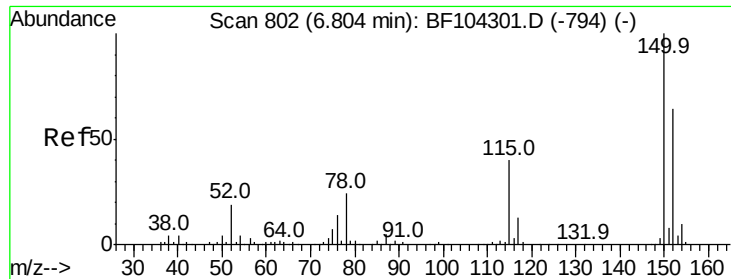
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041218\
Data File : BF104461.D
Acq On : 12 Apr 2018 19:49
Operator : JU/SJ
Sample : J2335-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :

Quant Time: Apr 13 00:16:43 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 12 17:07:03 2018
Response via : Initial Calibration



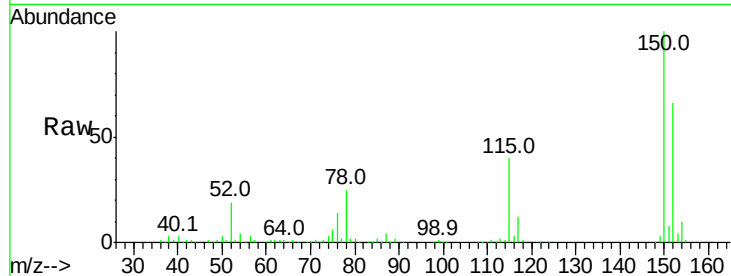


#1

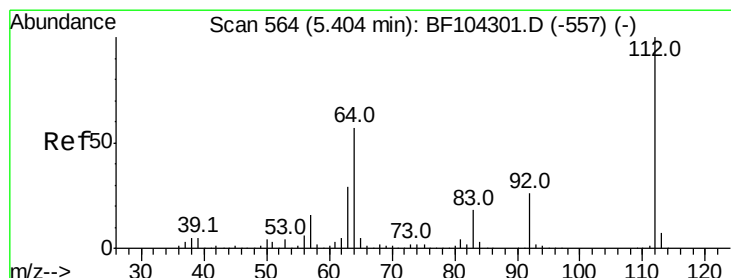
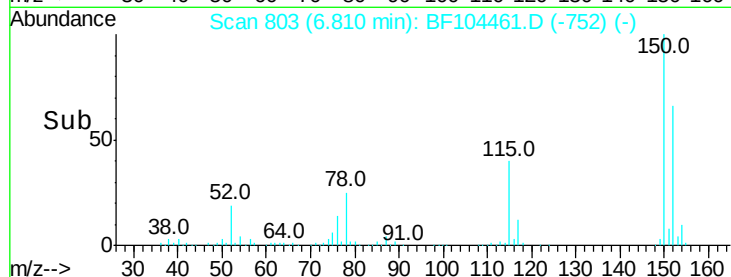
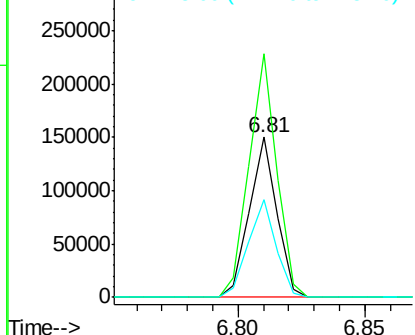
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF104461.D
Acq: 12 Apr 2018 19:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 113598
Ion Ratio Lower Upper
152 100
150 152.3 124.6 186.8
115 60.8 50.1 75.1



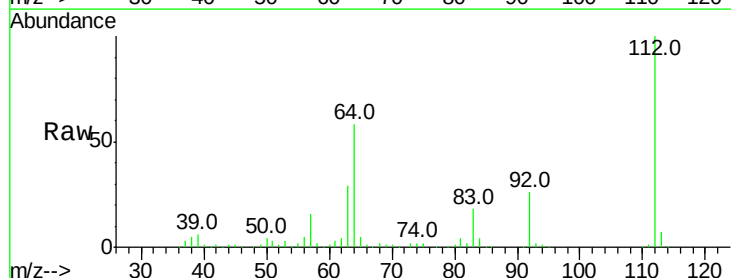
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



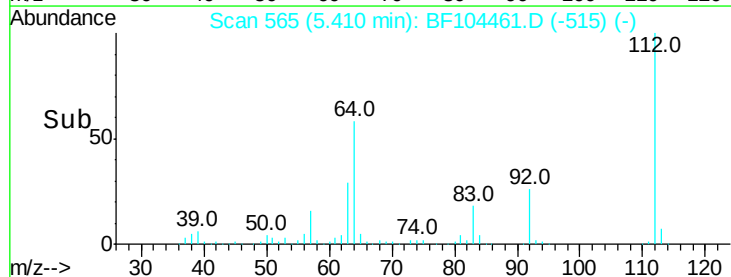
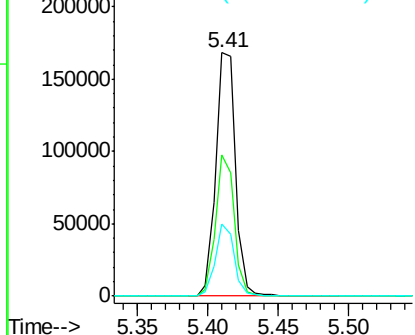
#5

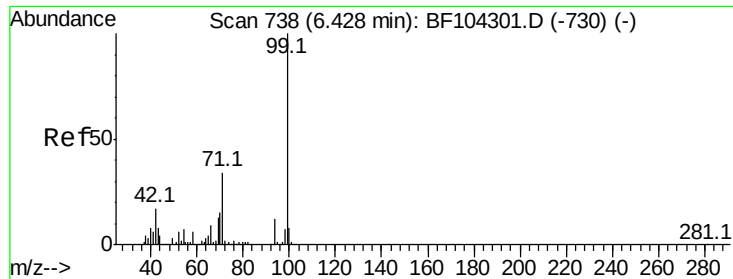
2-Fluorophenol
Concen: 22.104 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF104461.D
Acq: 12 Apr 2018 19:49

Tgt Ion:112 Resp: 164216
Ion Ratio Lower Upper
112 100
64 58.1 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: 21.315 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF104461.D

Acq: 12 Apr 2018 19:49

Instrument :

BNA_F

ClientSampleId :

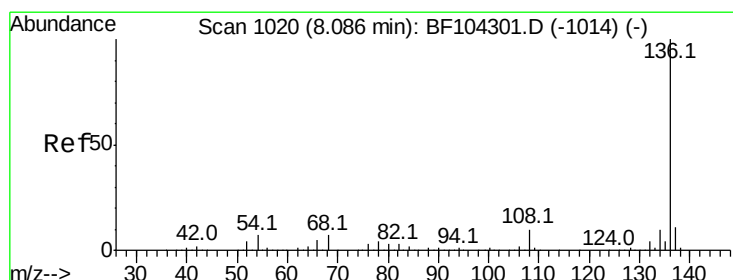
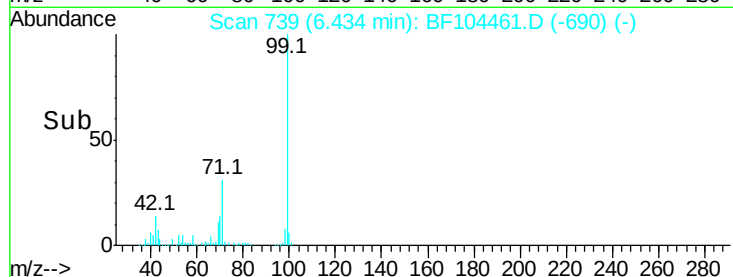
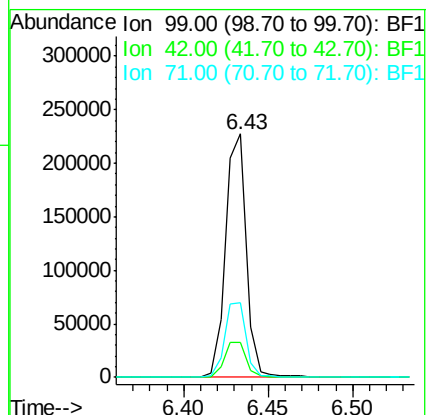
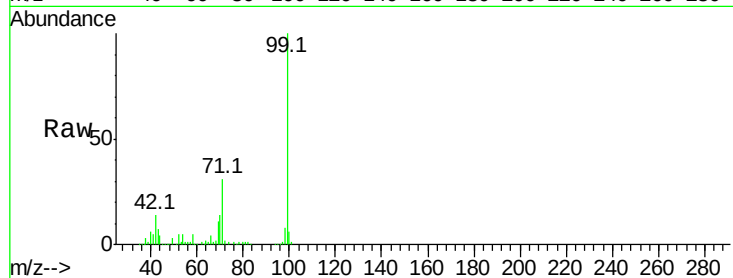
Tot Ion: 99 Resp: 194569

Ion Ratio Lower Upper

99 100

42 14.5 14.5 21.7#

71 30.6 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF104461.D

Acq: 12 Apr 2018 19:49

Tgt Ion: 136 Resp: 422184

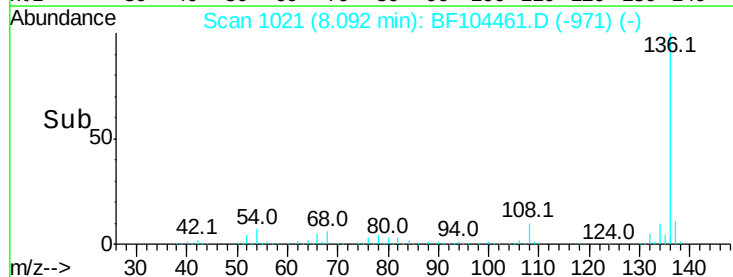
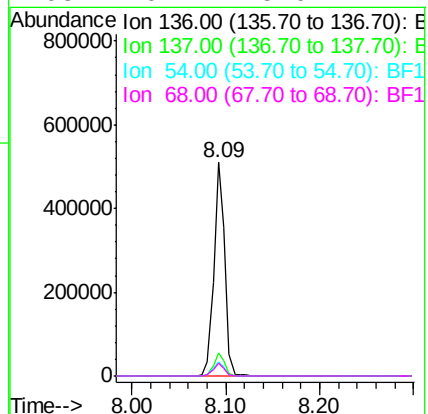
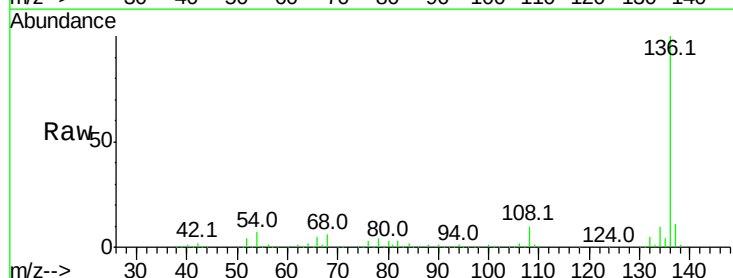
Ion Ratio Lower Upper

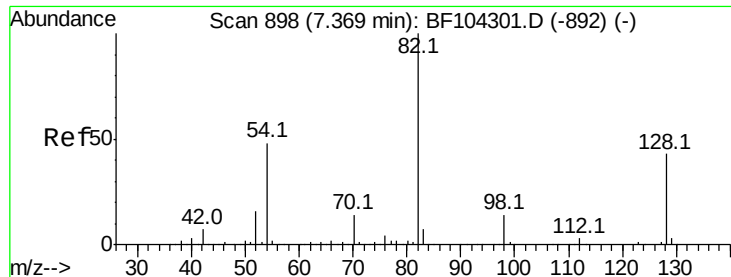
136 100

137 11.1 8.9 13.3

54 6.9 6.6 9.8

68 6.2 5.0 7.4

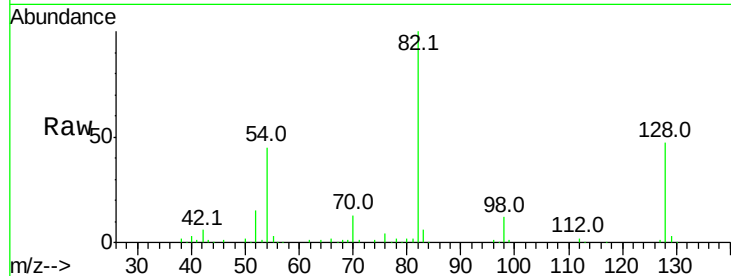




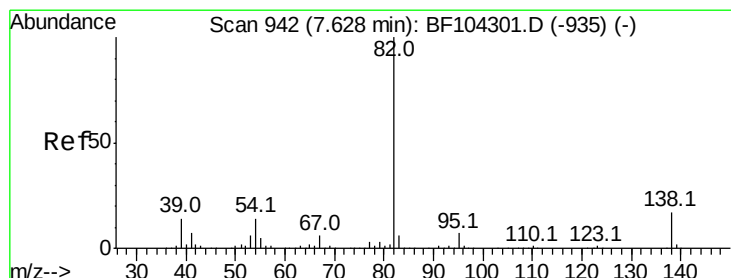
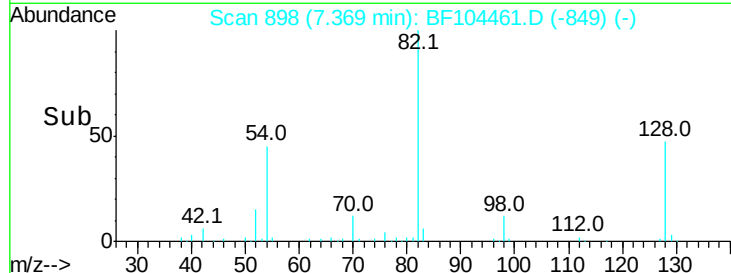
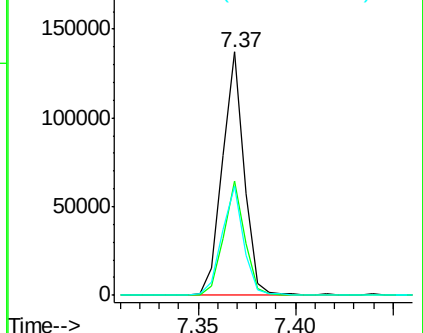
#23
 Nitrobenzene-d5
 Concen: 16.500 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF104461.D
 Acq: 12 Apr 2018 19:49

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	82	Resp	106681
Ion Ratio	Lower	Upper	
82	100		
128	47.1	36.1	54.1
54	44.7	41.4	62.2

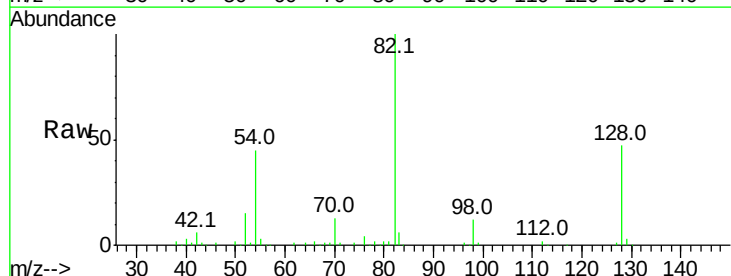


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

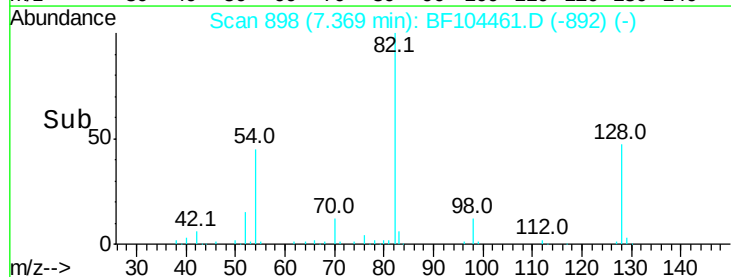
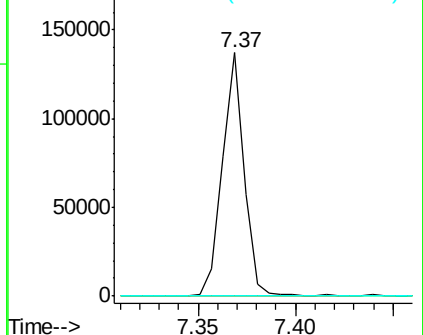


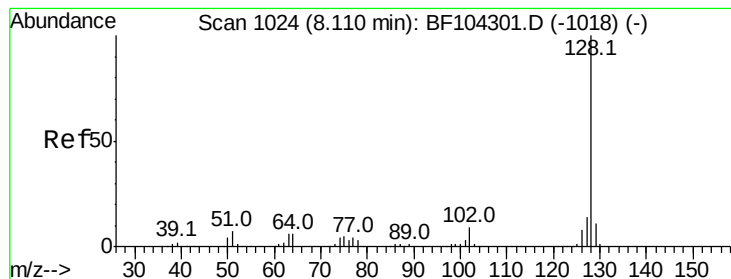
#25
 Isophorone
 Concen: 7.803 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.26 min
 Lab File: BF104461.D
 Acq: 12 Apr 2018 19:49

Tgt Ion	82	Resp	106681
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: 8.501 ng

RT: 8.12 min Scan# 1025

Delta R.T. 0.00 min

Lab File: BF104461.D

Acq: 12 Apr 2018 19:49

Instrument :

BNA_F

ClientSampleId :

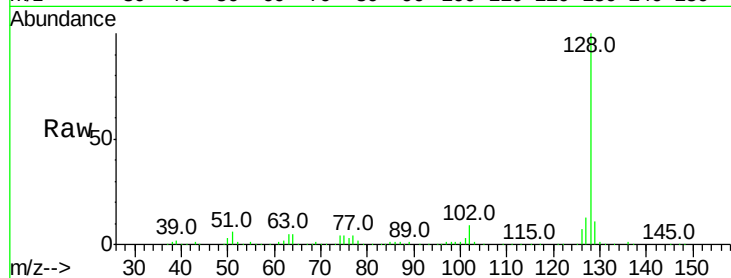
Tot Ion:128 Resp: 178708

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

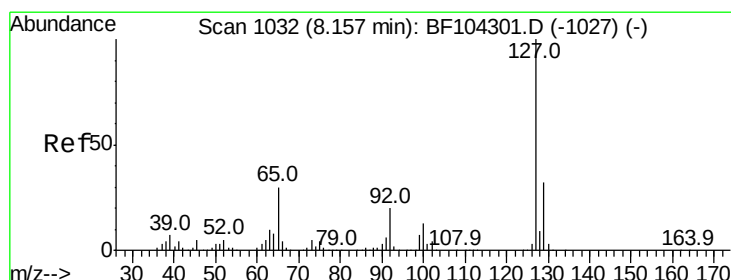
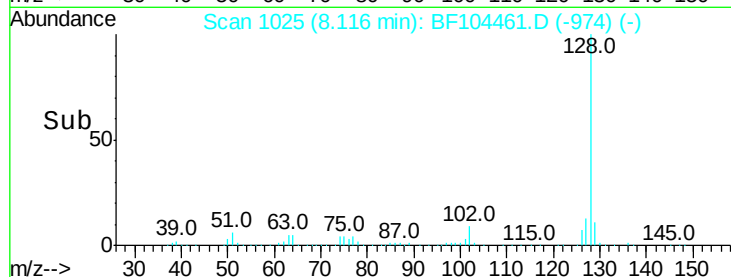
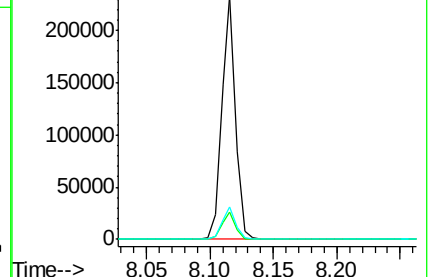
127 13.3 10.9 16.3



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: 2.590 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.05 min

Lab File: BF104461.D

Acq: 12 Apr 2018 19:49

Tgt Ion:127 Resp: 23331

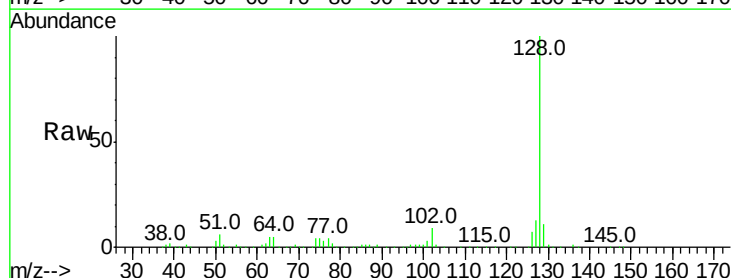
Ion Ratio Lower Upper

127 100

129 82.1 25.9 38.9#

65 2.8 25.0 37.4#

92 0.0 15.2 22.8#

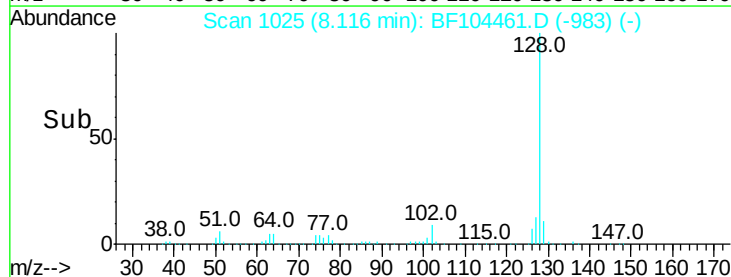
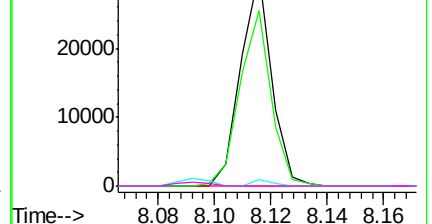


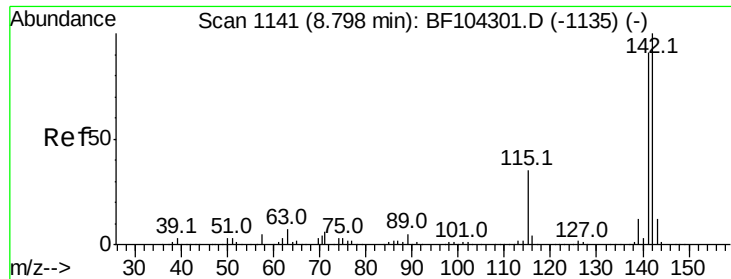
Abundance Ion 127.00 (126.70 to 127.70): E

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

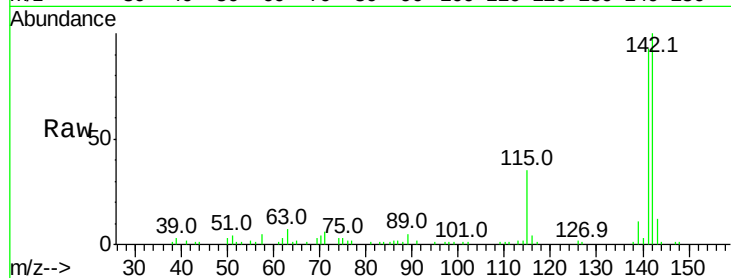




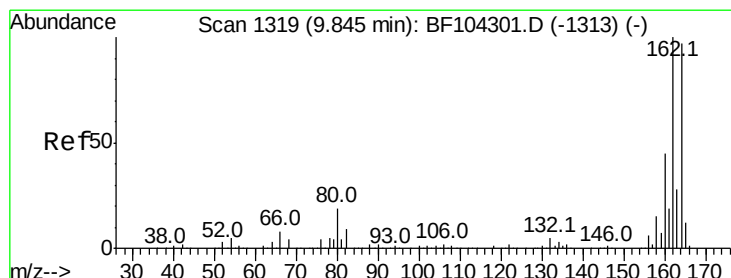
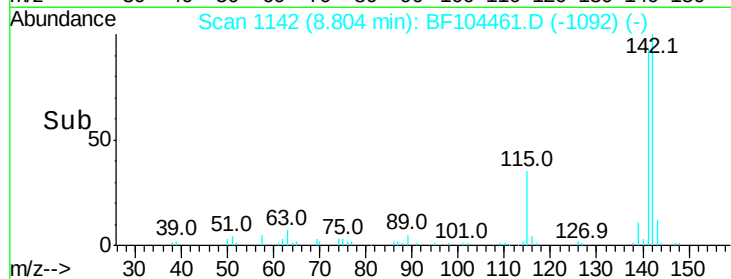
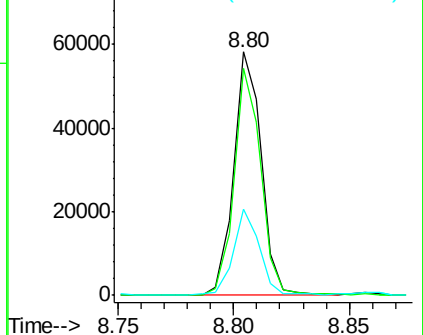
#37
 2-Methylnaphthalene
 Concen: 3.573 ng
 RT: 8.80 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: BF104461.D
 Acq: 12 Apr 2018 19:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.0	70.8	106.2
115	35.4	26.1	39.1

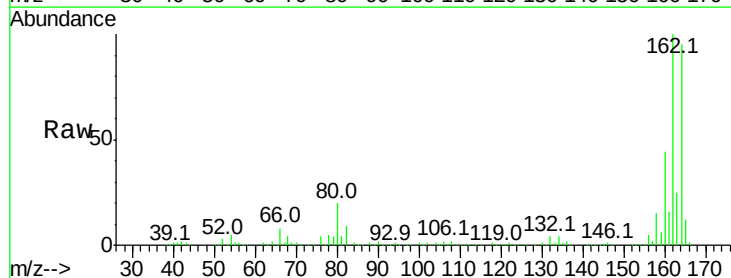


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

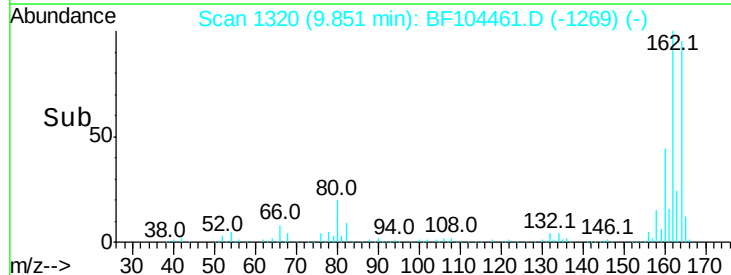
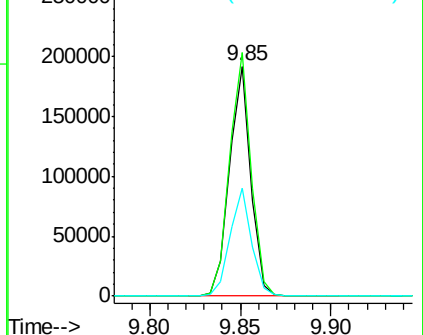


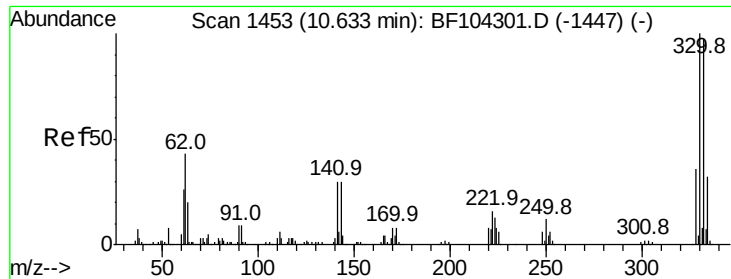
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: BF104461.D
 Acq: 12 Apr 2018 19:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.8	86.1	129.1
160	46.9	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

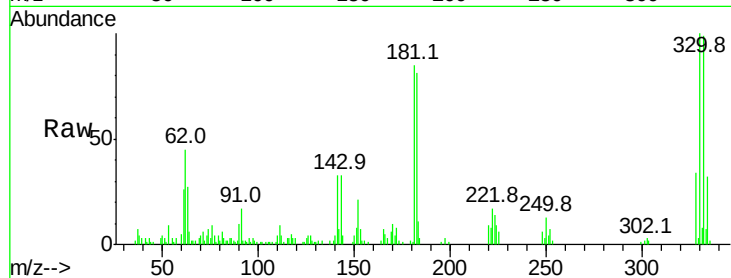




#41
 2,4,6-Tribromophenol
 Concen: 19.203 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF104461.D
 Acq: 12 Apr 2018 19:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.0	115.6
141	39.9	29.9	44.9

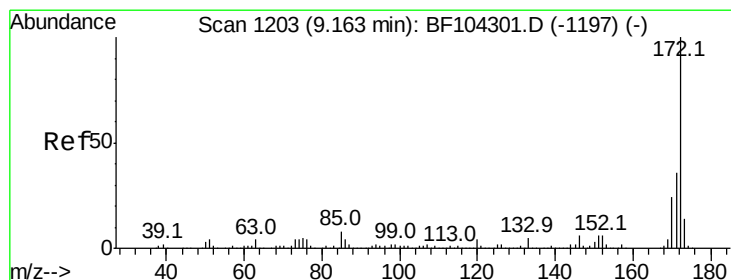
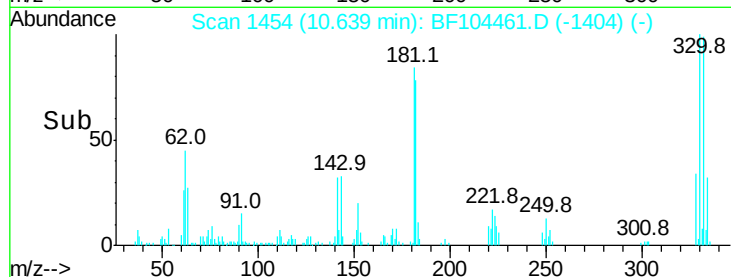
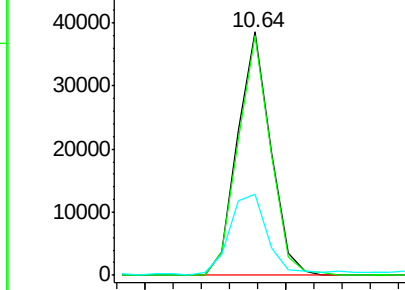


Abundance

Ion 329.80 (329.50 to 330.50): E

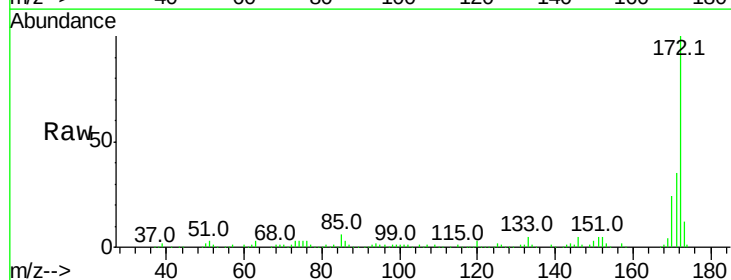
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 16.889 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF104461.D
 Acq: 12 Apr 2018 19:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	23.8	19.6	29.4

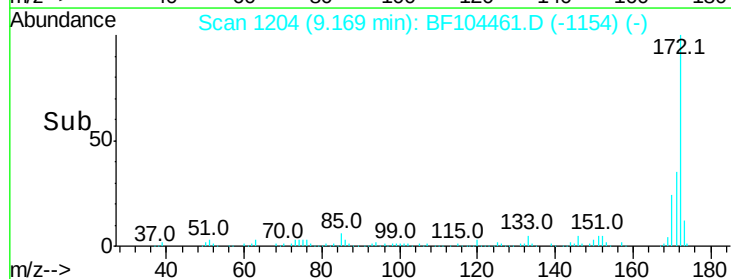
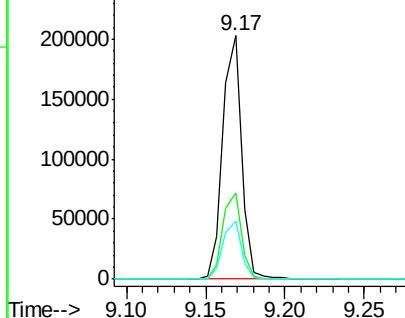


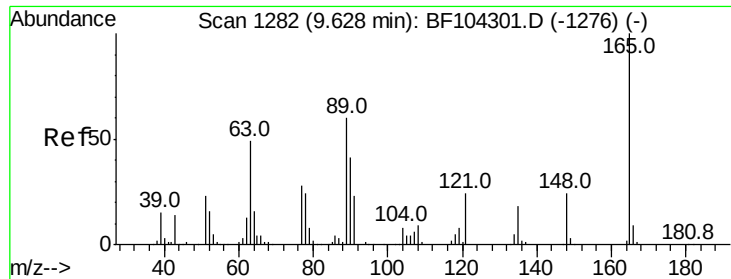
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

2,6-Dinitrotoluene

Concen: 9.364 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.21 min

Lab File: BF104461.D

Acq: 12 Apr 2018 19:49

Instrument :

BNA_F

ClientSampleId :

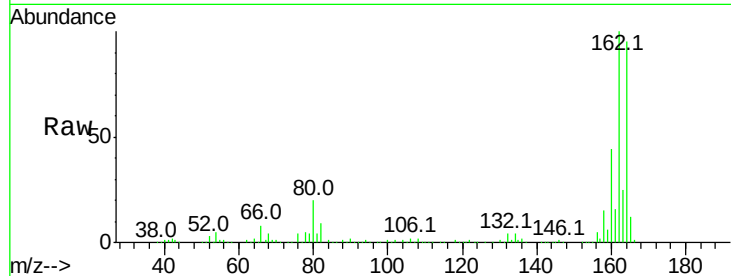
Tot Ion:165 Resp: 21426

Ion Ratio Lower Upper

165 100

63 2.3 44.7 67.1#

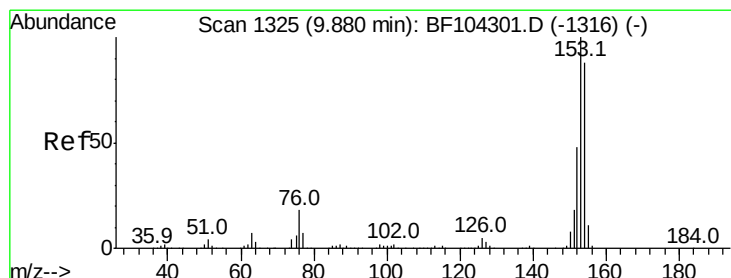
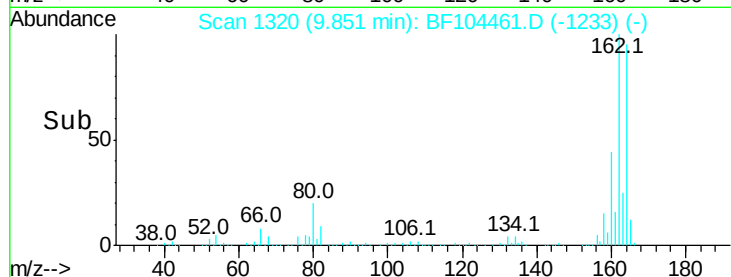
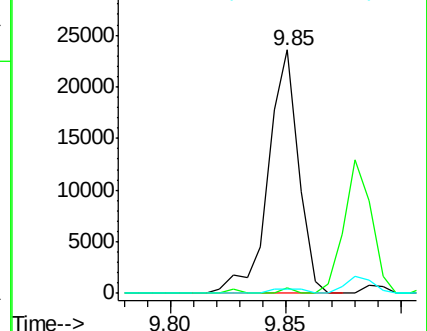
89 1.6 44.0 66.0#



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



#51

Acenaphthene

Concen: 13.423 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF104461.D

Acq: 12 Apr 2018 19:49

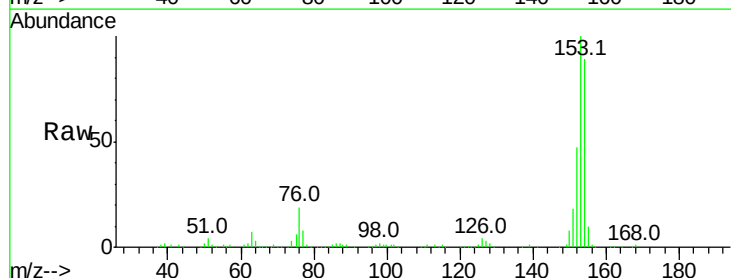
Tgt Ion:154 Resp: 133698

Ion Ratio Lower Upper

154 100

153 112.5 91.2 136.8

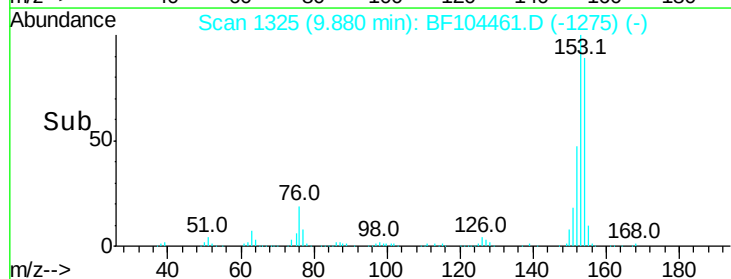
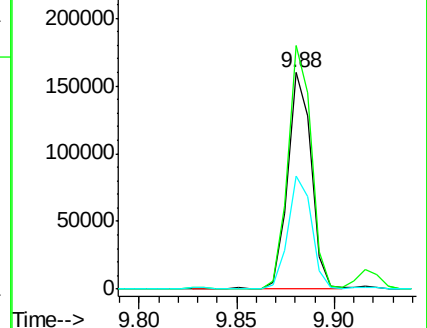
152 52.5 43.8 65.8

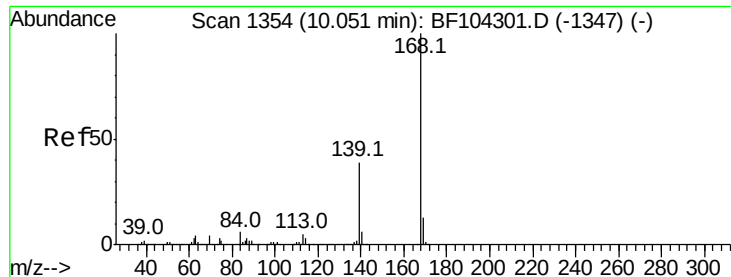


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#54

Dibenzofuran

Concen: 7.579 ng

RT: 10.06 min Scan# 1355

Delta R.T. 0.00 min

Lab File: BF104461.D

Acq: 12 Apr 2018 19:49

Instrument :

BNA_F

ClientSampleId :

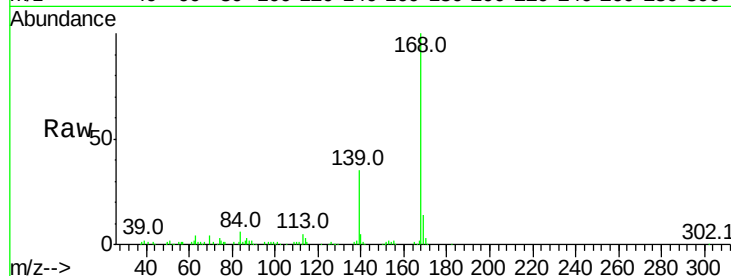
Tot Ion:168 Resp: 105200

Ion Ratio Lower Upper

168 100

139 34.6 30.1 45.1

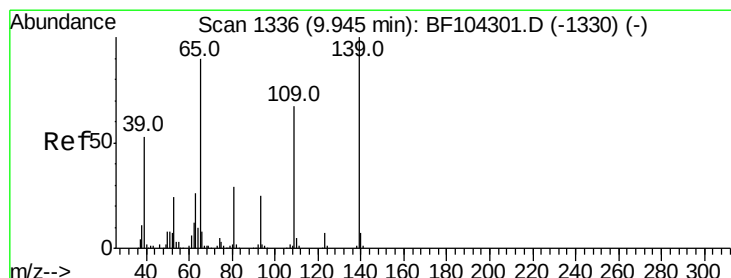
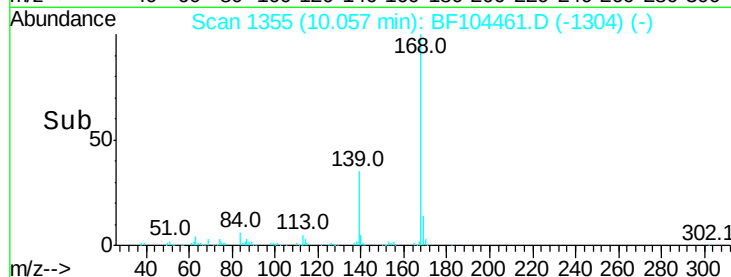
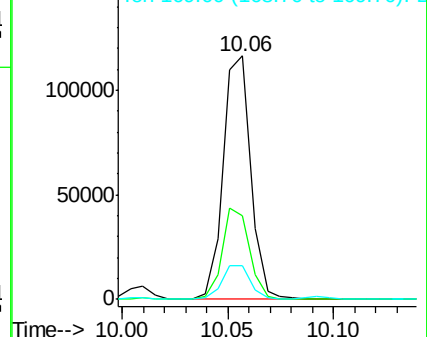
169 13.7 10.9 16.3



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: 18.594 ng

RT: 10.05 min Scan# 1354

Delta R.T. 0.09 min

Lab File: BF104461.D

Acq: 12 Apr 2018 19:49

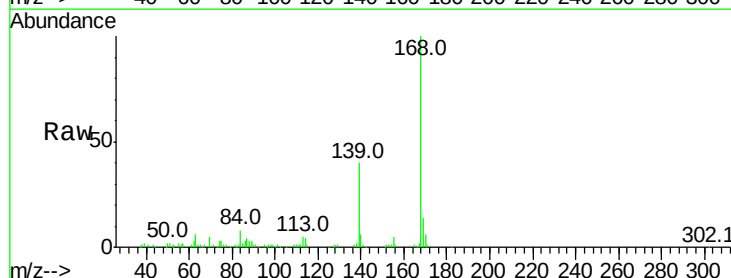
Tgt Ion:139 Resp: 39124

Ion Ratio Lower Upper

139 100

109 2.2 48.4 88.4#

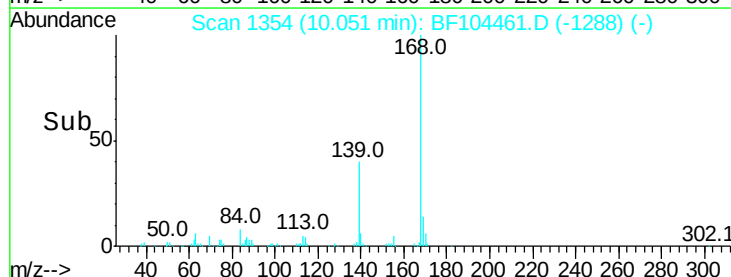
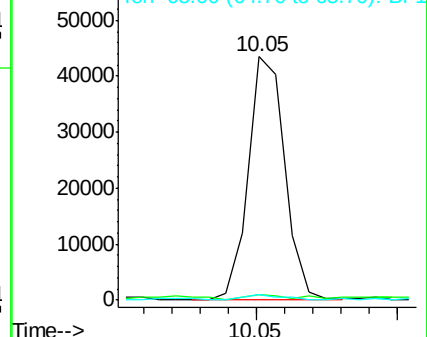
65 2.5 72.6 112.6#

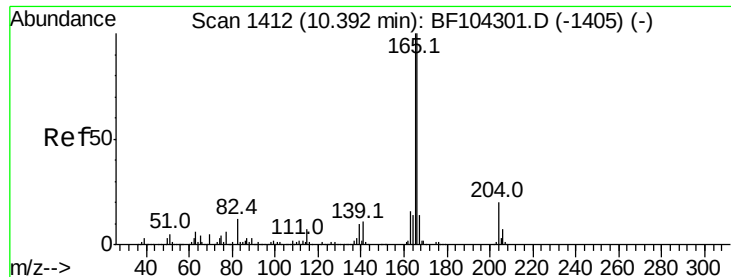


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

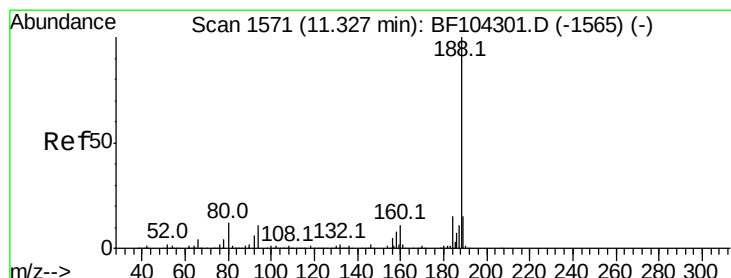
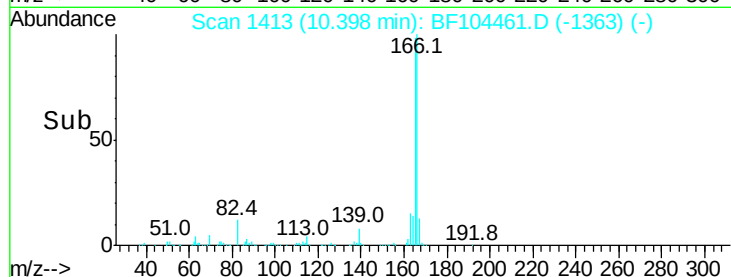
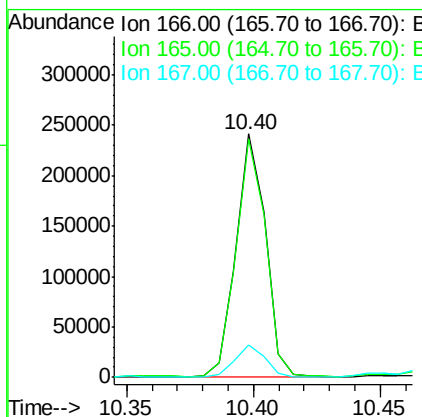
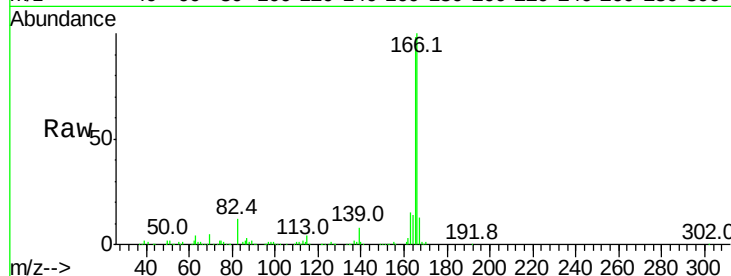




#57
Fluorene
Concen: 19.209 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF104461.D
Acq: 12 Apr 2018 19:49

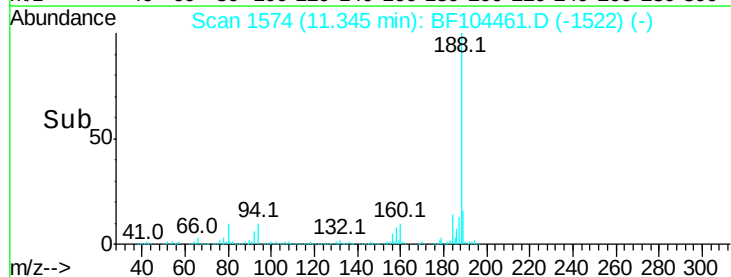
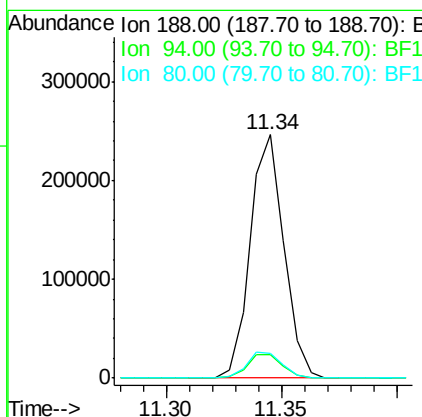
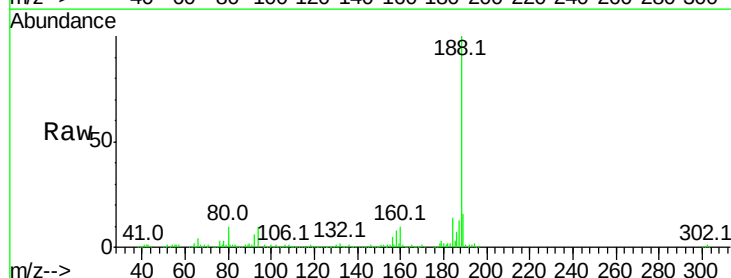
Instrument :
BNA_F
ClientSampleId :

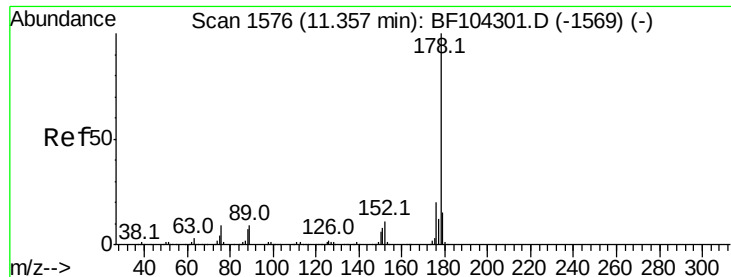
Tot Ion:166 Resp: 194076
Ion Ratio Lower Upper
166 100
165 98.0 79.8 119.8
167 13.2 10.6 16.0



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1574
Delta R.T. 0.01 min
Lab File: BF104461.D
Acq: 12 Apr 2018 19:49

Tgt Ion:188 Resp: 251524
Ion Ratio Lower Upper
188 100
94 9.7 8.5 12.7
80 10.3 9.2 13.8





#70

Phenanthrene

Concen: 141.825 ng

RT: 11.37 min Scan# 1579

Delta R.T. 0.01 min

Lab File: BF104461.D

Acq: 12 Apr 2018 19:49

Instrument :

BNA_F

ClientSampleId :

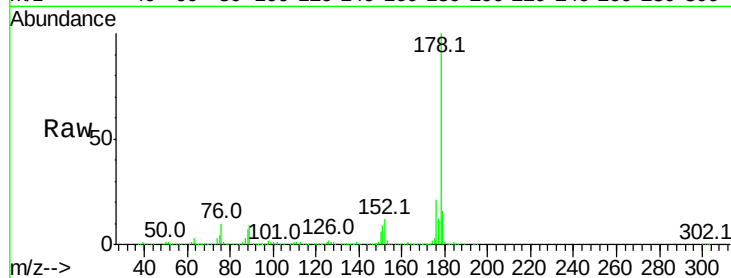
Tot Ion:178 Resp: 1986568

Ion	Ratio	Lower	Upper
178	100		
176	20.6	15.8	23.8
179	16.2	13.0	19.6

178 100

176 20.6 15.8 23.8

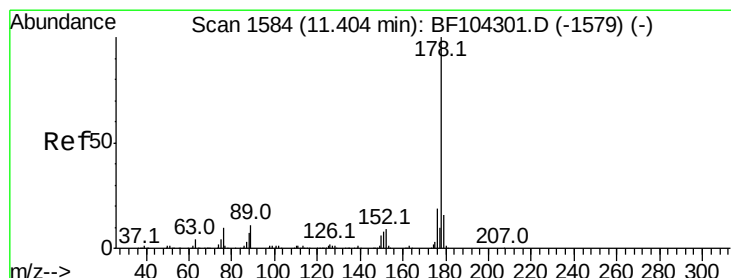
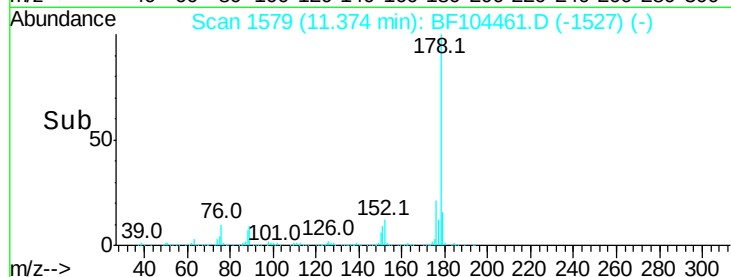
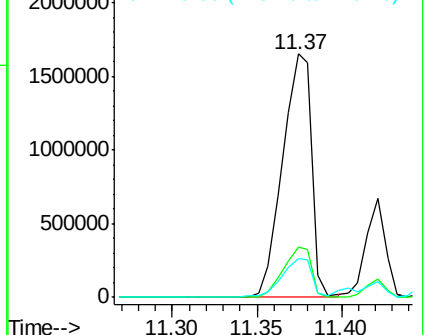
179 16.2 13.0 19.6



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: 37.034 ng

RT: 11.42 min Scan# 1587

Delta R.T. 0.00 min

Lab File: BF104461.D

Acq: 12 Apr 2018 19:49

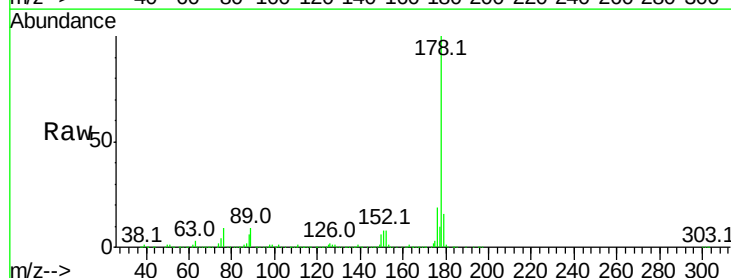
Tgt Ion:178 Resp: 527302

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	15.6	12.6	19.0

178 100

176 18.7 15.4 23.2

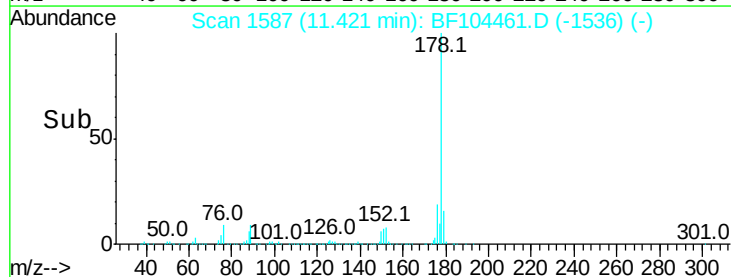
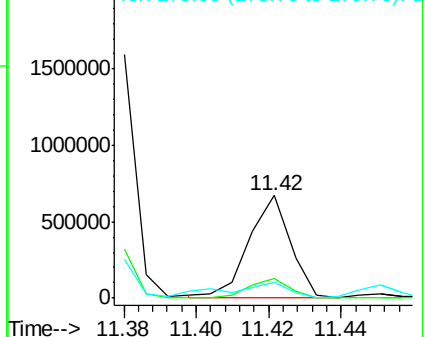
179 15.6 12.6 19.0

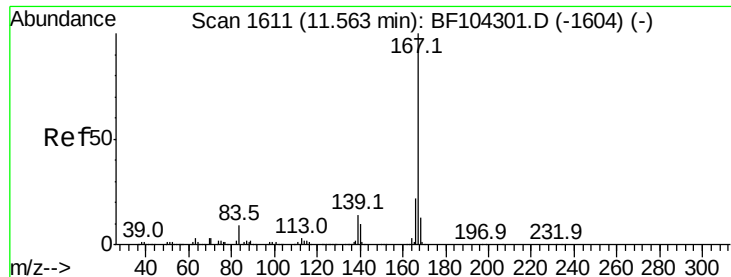


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

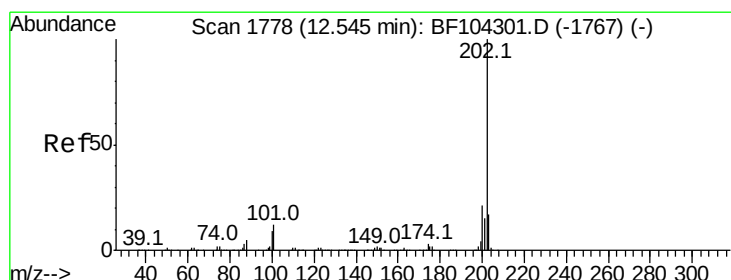
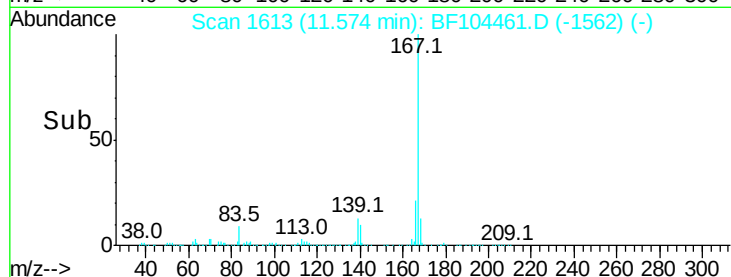
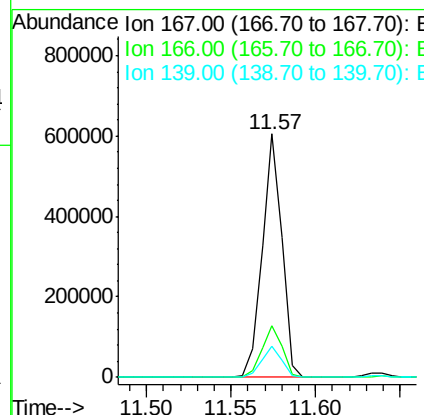
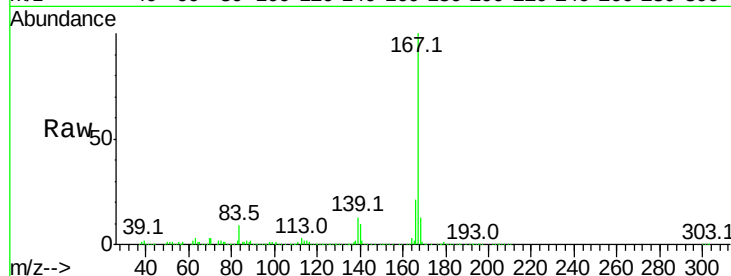




#72
 Carbazole
 Concen: 35.366 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. 0.00 min
 Lab File: BF104461.D
 Acq: 12 Apr 2018 19:49

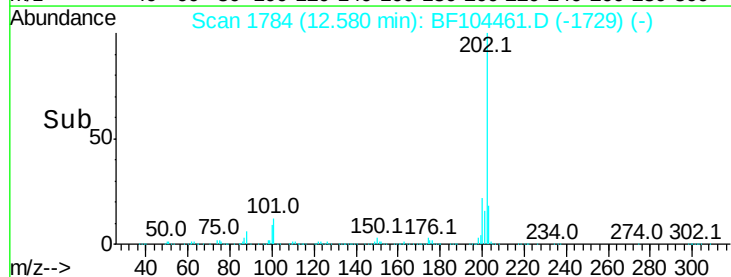
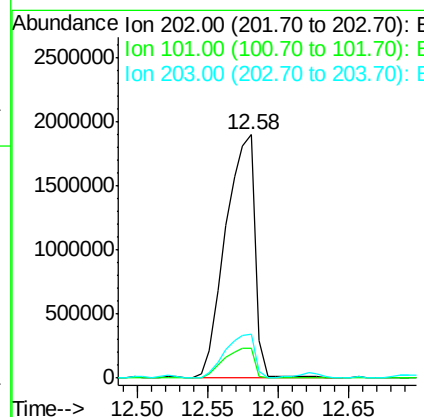
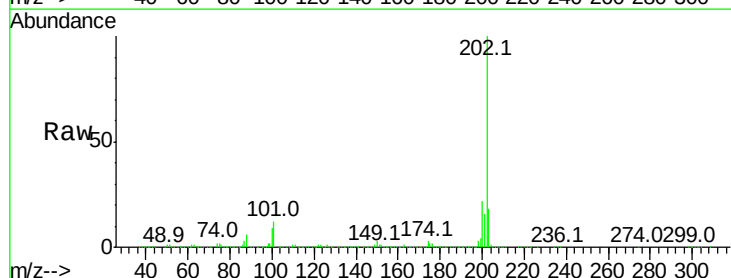
Instrument :
 BNA_F
 ClientSampleId :

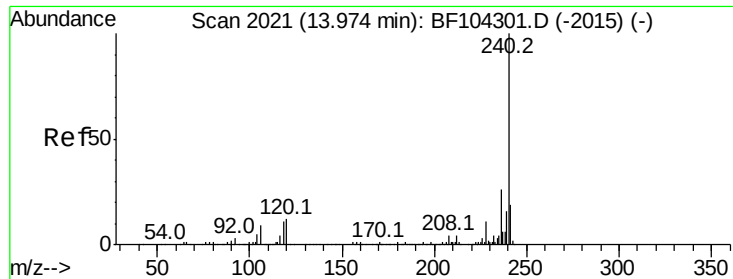
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.6	26.4
139	13.0	10.9	16.3



#74
 Fluoranthene
 Concen: 186.410 ng
 RT: 12.58 min Scan# 1784
 Delta R.T. 0.02 min
 Lab File: BF104461.D
 Acq: 12 Apr 2018 19:49

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	34.1
203	18.2	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF104461.D

Acq: 12 Apr 2018 19:49

Instrument :

BNA_F

ClientSampleId :

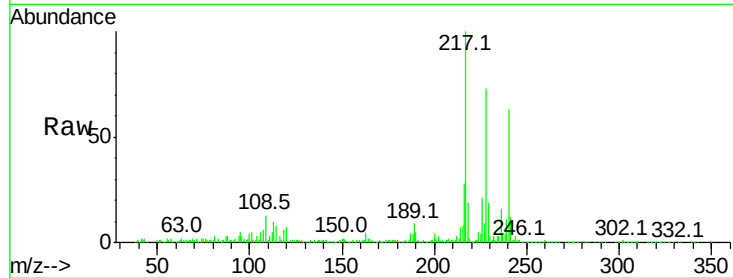
Tot Ion:240 Resp: 193853

Ion Ratio Lower Upper

240 100

120 11.9 9.5 14.3

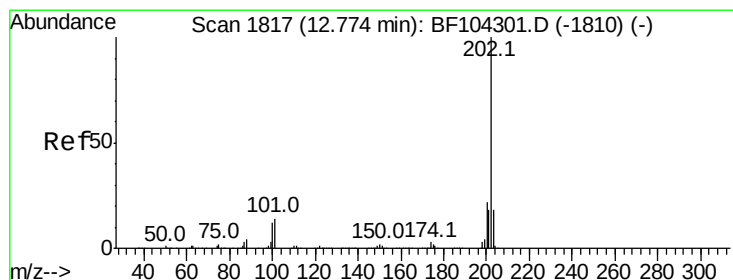
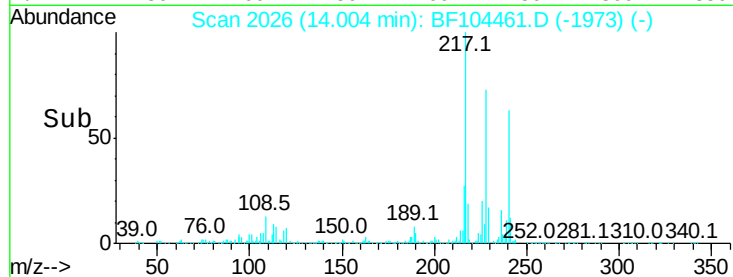
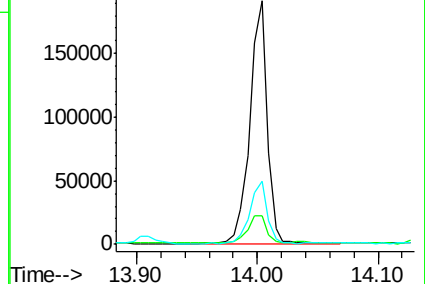
236 25.7 20.7 31.1



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: 168.864 ng

RT: 12.81 min Scan# 1823

Delta R.T. 0.02 min

Lab File: BF104461.D

Acq: 12 Apr 2018 19:49

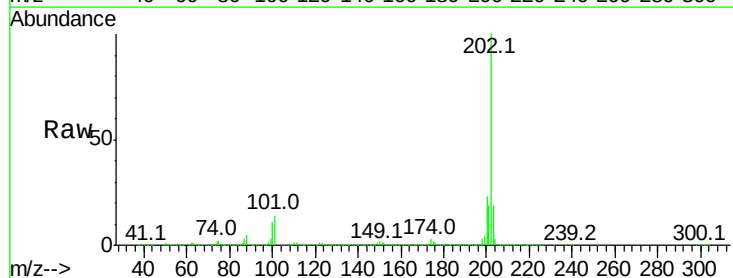
Tgt Ion:202 Resp: 2426418

Ion Ratio Lower Upper

202 100

200 22.5 17.4 26.2

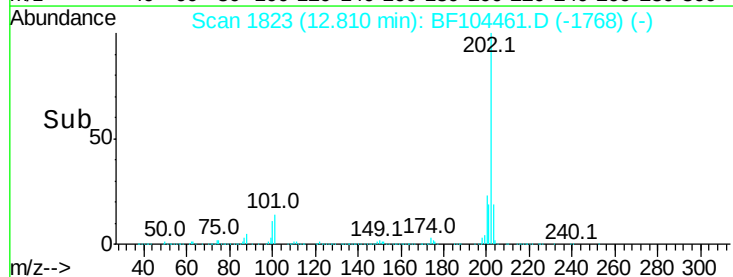
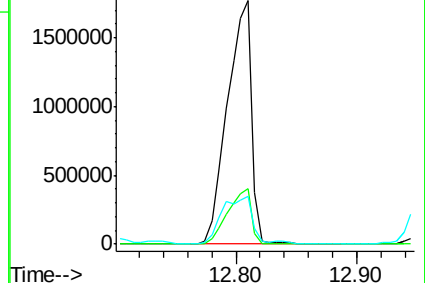
203 19.4 14.3 21.5

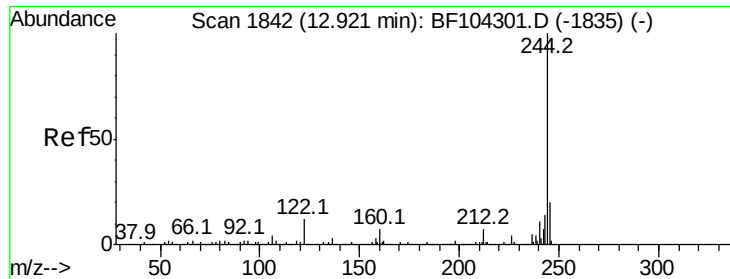


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

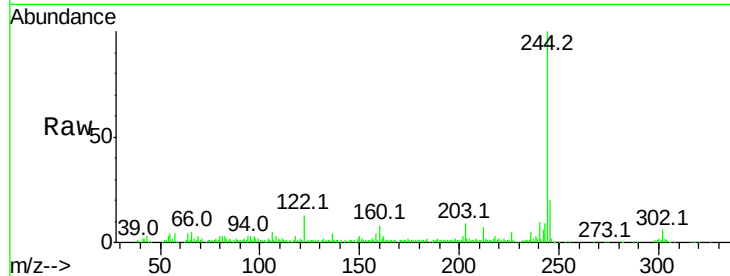




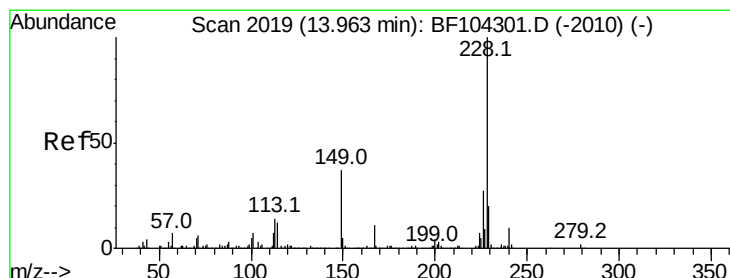
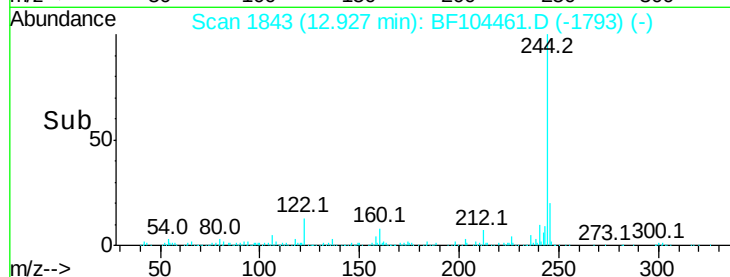
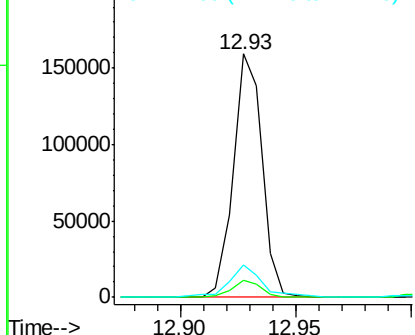
#78
 Terphenyl-d14
 Concen: 16.278 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: BF104461.D
 Acq: 12 Apr 2018 19:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 138411
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 13.4 11.0 16.4

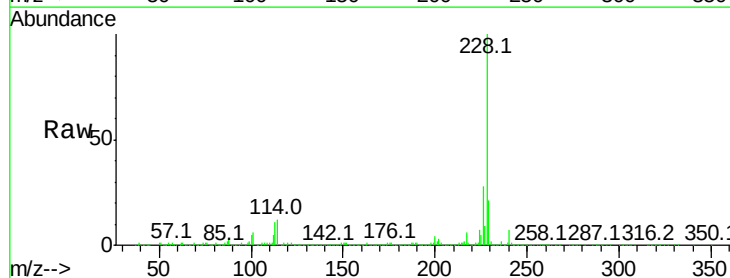


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

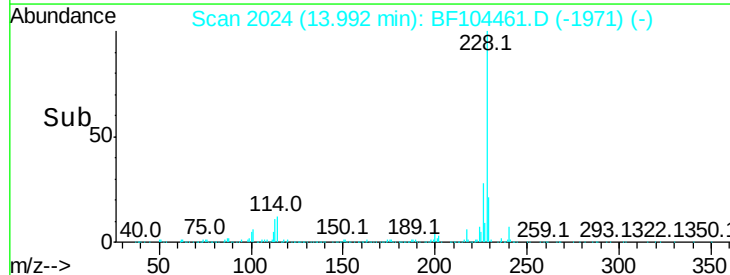
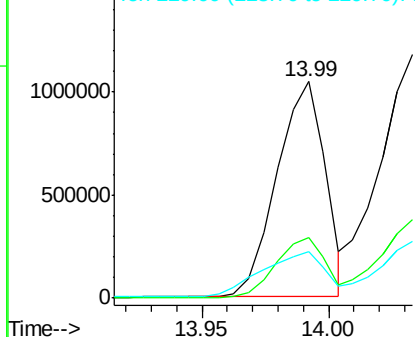


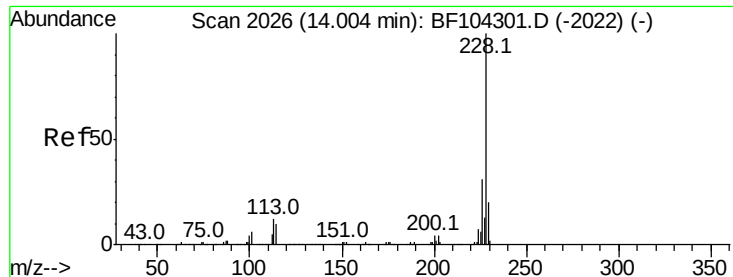
#80
 Benzo(a)anthracene
 Concen: 119.295 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. 0.01 min
 Lab File: BF104461.D
 Acq: 12 Apr 2018 19:49

Tgt Ion:228 Resp: 1381554
 Ion Ratio Lower Upper
 228 100
 226 28.2 22.6 33.8
 229 21.3 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: 108.033 ng

RT: 14.03 min Scan# 2031

Delta R.T. 0.01 min

Lab File: BF104461.D

Acq: 12 Apr 2018 19:49

Instrument :

BNA_F

ClientSampleId :

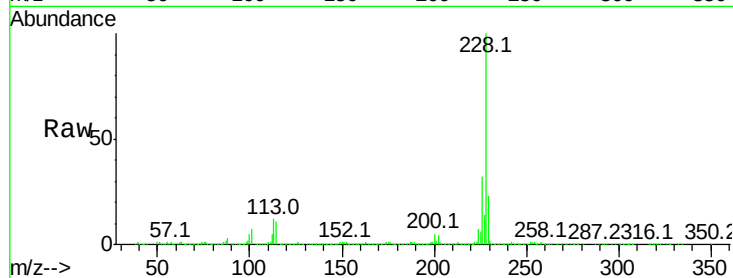
Tot Ion:228 Resp: 1285101

Ion Ratio Lower Upper

228 100

226 32.0 25.0 37.6

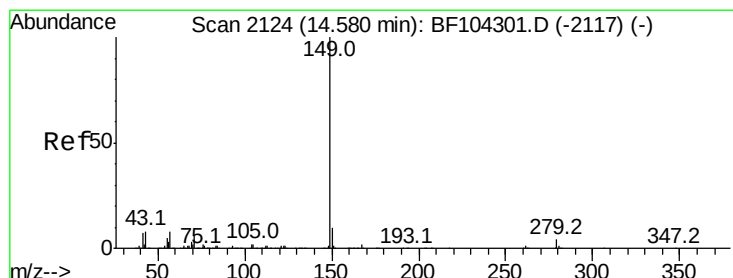
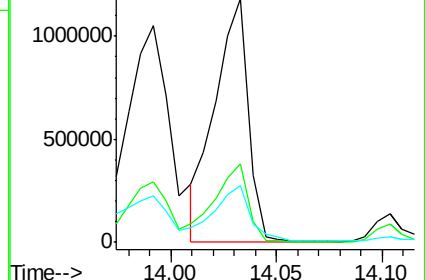
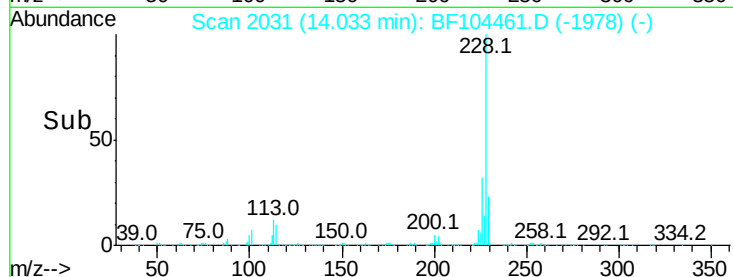
229 23.2 16.2 24.4



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



#84

Di-n-octyl phthalate

Concen: 3.192 ng

RT: 14.52 min Scan# 2113

Delta R.T. -0.08 min

Lab File: BF104461.D

Acq: 12 Apr 2018 19:49

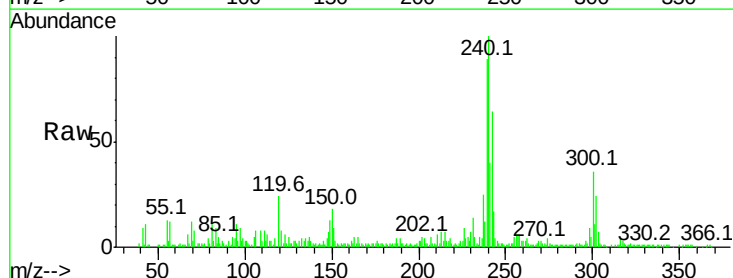
Tgt Ion:149 Resp: 46437

Ion Ratio Lower Upper

149 100

167 0.2 1.2 1.8#

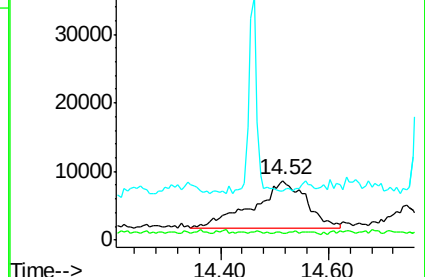
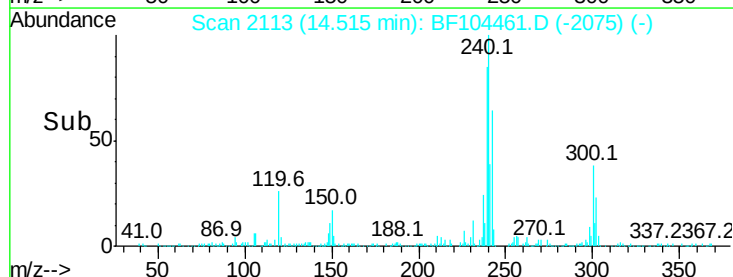
43 0.0 8.4 12.6#

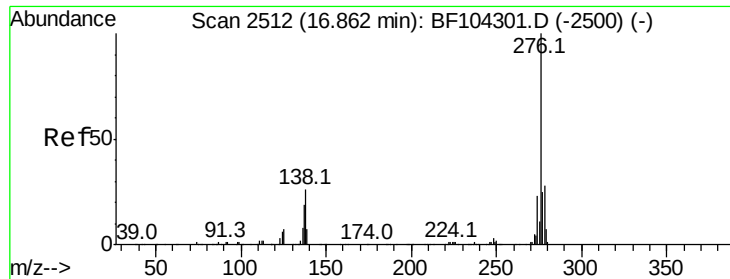


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

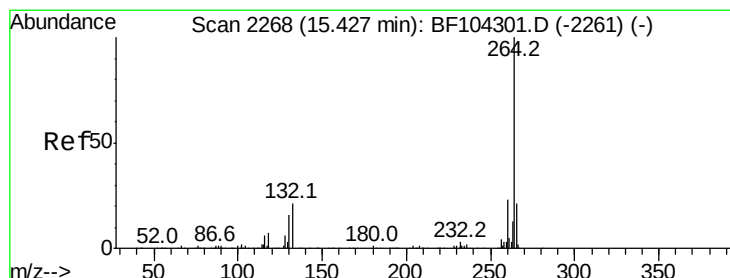
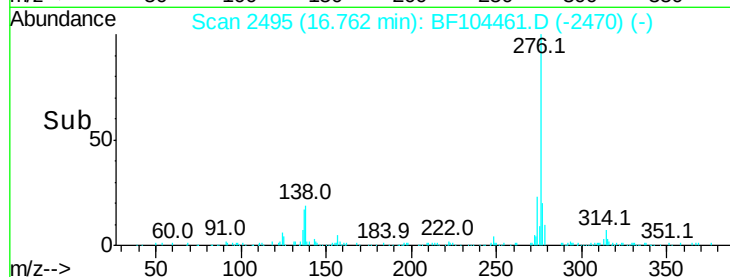
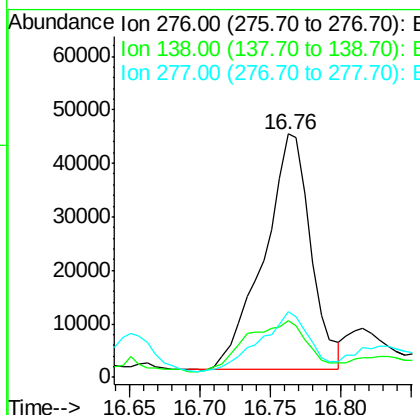
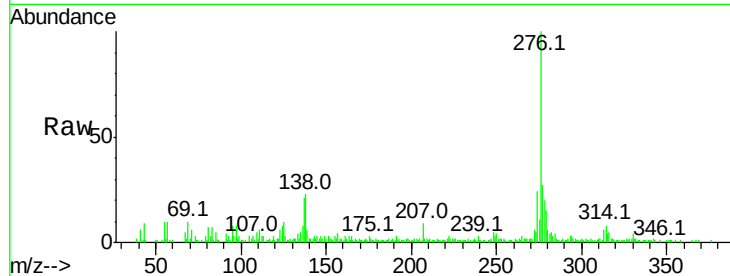




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 10.148 ng
 RT: 16.76 min Scan# 2495
 Delta R.T. -0.15 min
 Lab File: BF104461.D
 Acq: 12 Apr 2018 19:49

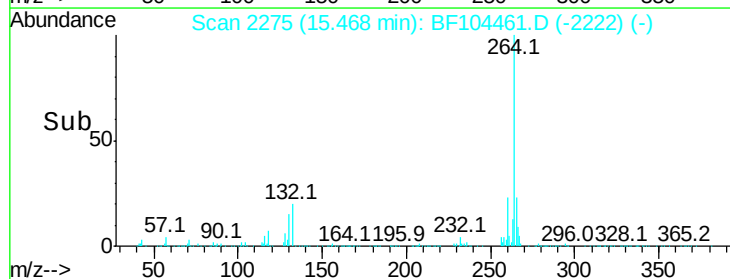
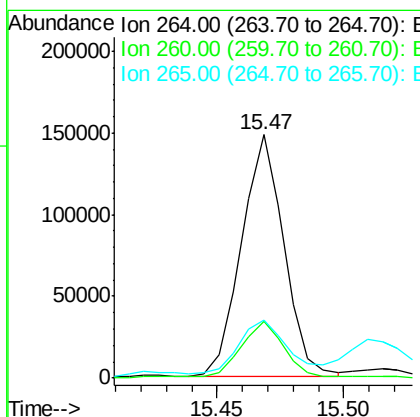
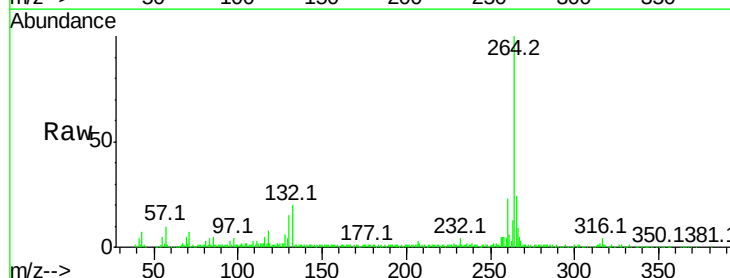
Instrument :
 BNA_F
 ClientSampleId :

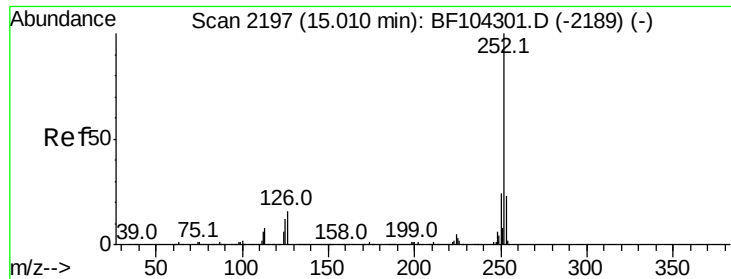
Tot Ion	Ratio	Lower	Upper
276	100		
138	27.9	25.0	37.6
277	27.2	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. 0.01 min
 Lab File: BF104461.D
 Acq: 12 Apr 2018 19:49

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	23.8	17.5	26.3

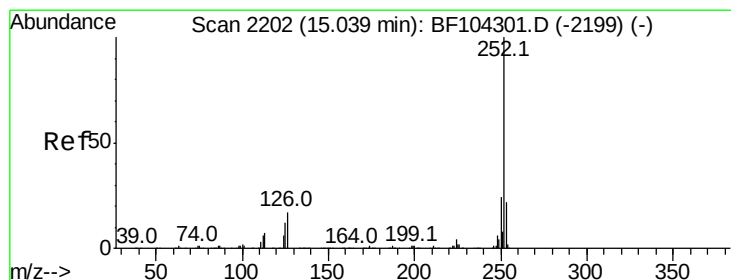
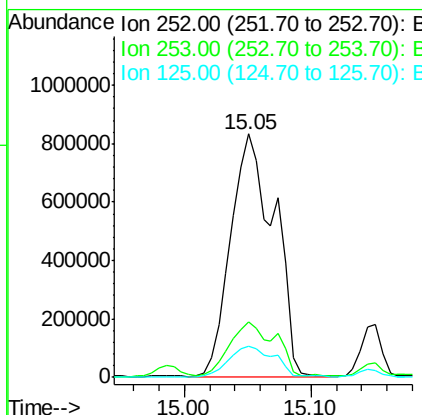
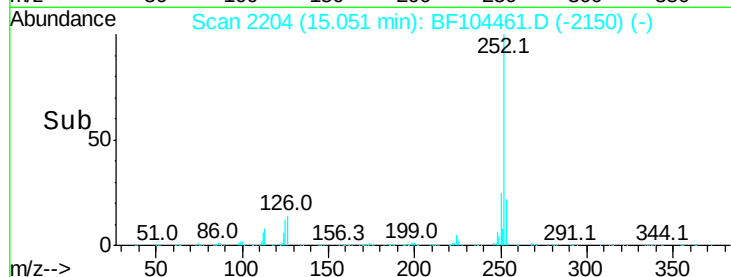
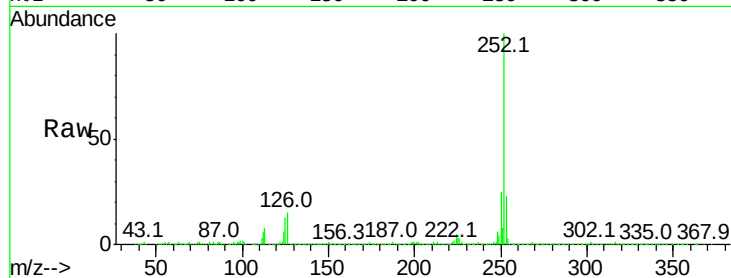




#87
Benzo(b)fluoranthene
Concen: 181.237 ng
RT: 15.05 min Scan# 2204
Delta R.T. 0.02 min
Lab File: BF104461.D
Acq: 12 Apr 2018 19:49

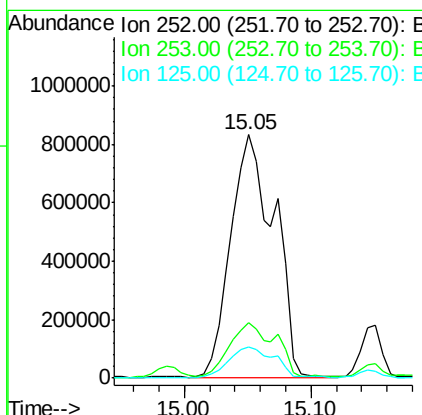
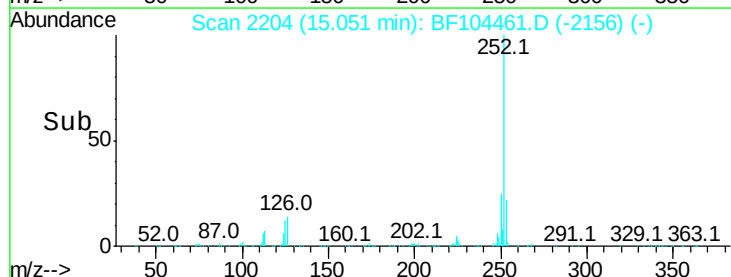
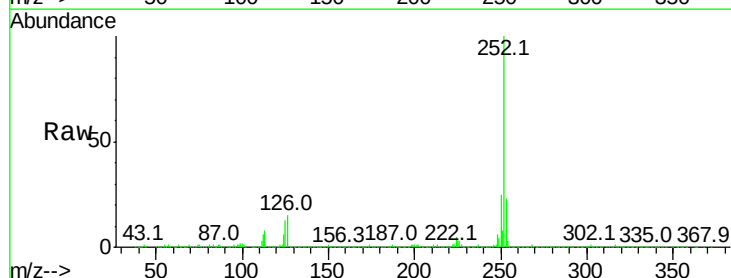
Instrument :
BNA_F
ClientSampleId :

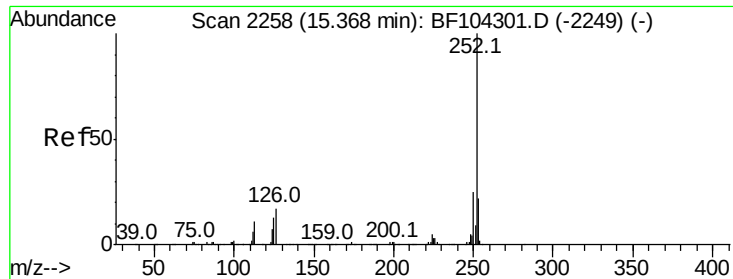
Tot Ion:252 Resp: 1976029
Ion Ratio Lower Upper
252 100
253 22.9 17.0 25.6
125 12.8 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 191.970 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.02 min
Lab File: BF104461.D
Acq: 12 Apr 2018 19:49

Tgt Ion:252 Resp: 1976029
Ion Ratio Lower Upper
252 100
253 22.9 17.9 26.9
125 12.8 10.2 15.2





#89

Benzo(a)pyrene

Concen: 103.972 ng

RT: 15.42 min Scan# 2266

Delta R.T. 0.02 min

Lab File: BF104461.D

Acq: 12 Apr 2018 19:49

Instrument :

BNA_F

ClientSampled :

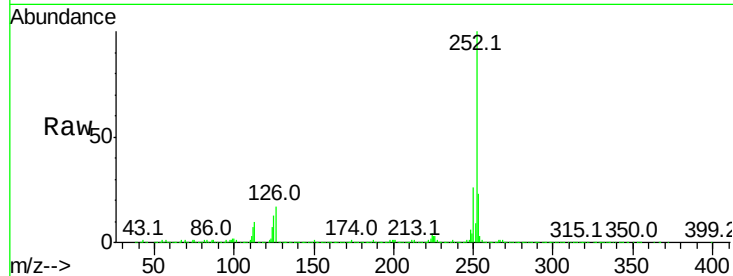
Tot Ion:252 Resp: 1014299

Ion Ratio Lower Upper

252 100

253 23.4 17.1 25.7

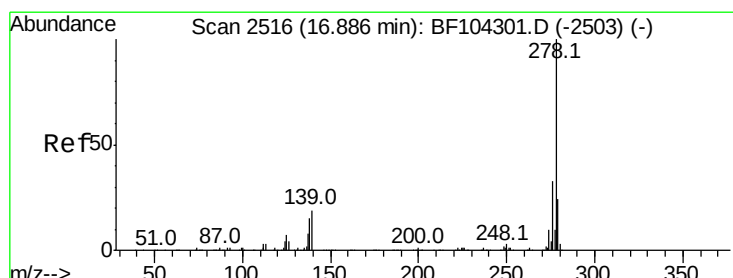
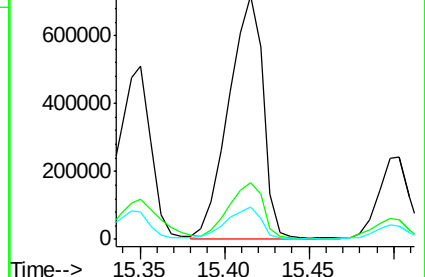
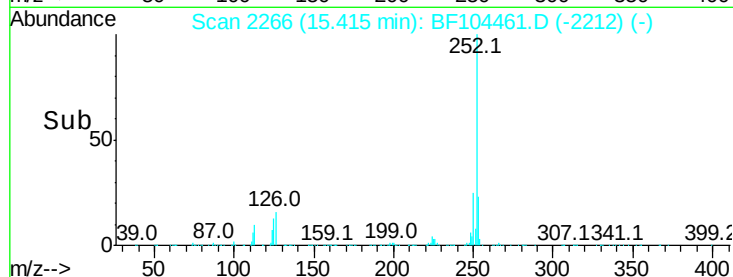
125 13.3 9.8 14.6



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: 18.035 ng

RT: 16.94 min Scan# 2525

Delta R.T. 0.01 min

Lab File: BF104461.D

Acq: 12 Apr 2018 19:49

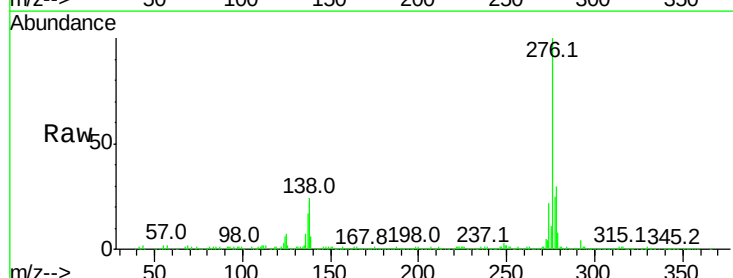
Tgt Ion:278 Resp: 144500

Ion Ratio Lower Upper

278 100

139 20.6 15.9 23.9

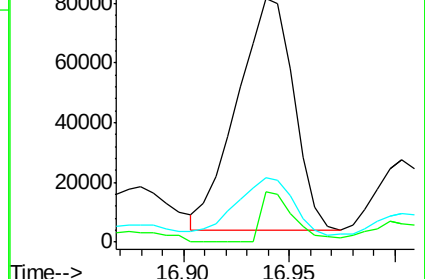
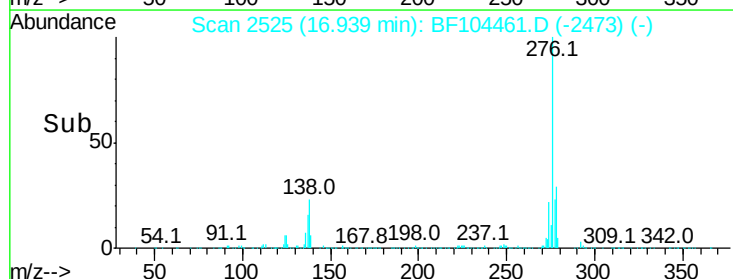
279 26.4 19.0 28.4

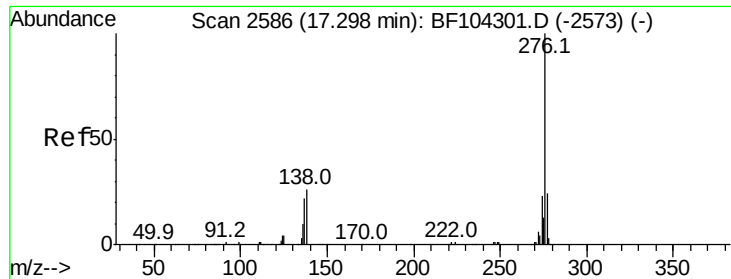


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

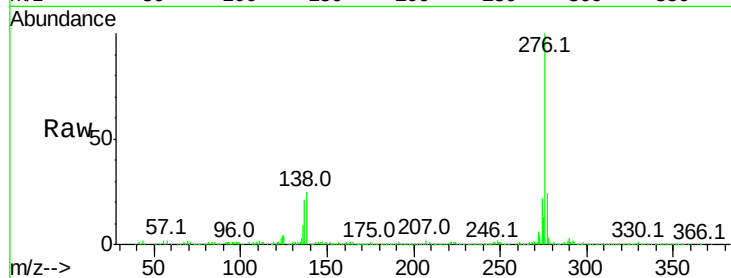




#91
 Benzo(a,h,i)perylene
 Concen: 68.355 ng
 RT: 17.38 min Scan# 2600
 Delta R.T. 0.02 min
 Lab File: BF104461.D
 Acq: 12 Apr 2018 19:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	17.9	26.9
138	24.8	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

