

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022018\
 Data File : BF103116.D
 Acq On : 20 Feb 2018 11:01
 Operator : SJ/JU
 Sample : J1600-04DL 20X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 20 13:16:58 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 14:34:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	149430	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	631021	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	295974	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	526299	20.00	ng	0.00
75) Chrysene-d12	14.05	240	314052	20.00	ng	0.00
86) Perylene-d12	15.54	264	294740	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	55521	5.64	ng	0.00
7) Phenol-d6	6.50	99	73867	6.23	ng	0.00
23) Nitrobenzene-d5	7.43	82	41507	4.56	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	14436	6.06	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	54830	3.07	ng	-0.01
78) Terphenyl-d14	12.98	244	49711	3.75	ng	-0.01

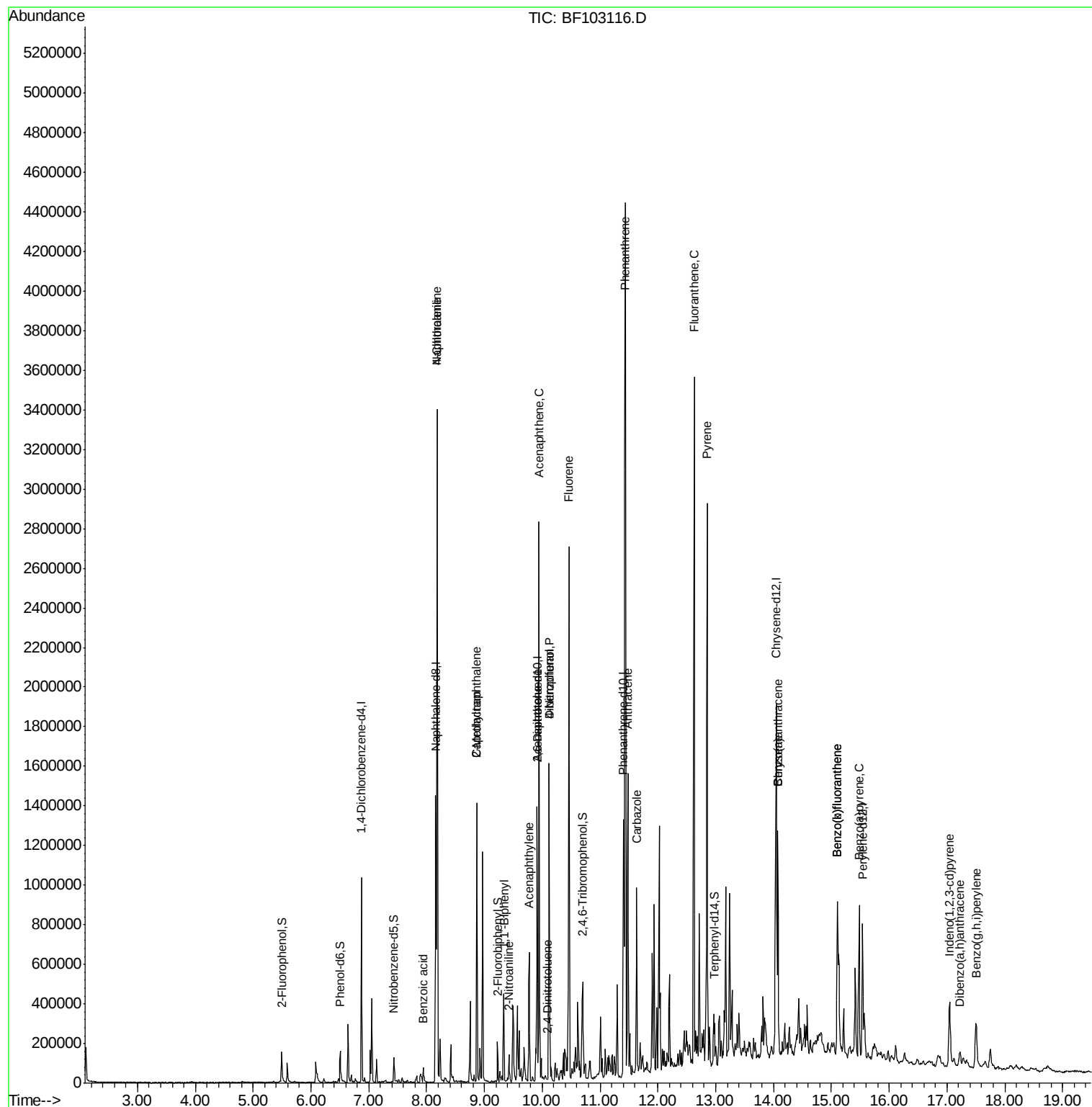
Target Compounds				Qvalue		
24) Nitrobenzene	7.47	77	108	Below Cal	#	38
31) Naphthalene	8.18	128	1520229	49.310	ng	99
32) Benzoic acid	7.95	122	6729	9.582	ng	# 20
33) 4-Chloroaniline	8.18	127	204350	15.386	ng	# 31
35) Caprolactam	8.87	113	7563	2.707	ng	# 1
37) 2-Methylnaphthalene	8.87	142	357100	17.691	ng	99
45) 1,1'-Biphenyl	9.33	154	143971	5.775	ng	97
47) 2-Nitroaniline	9.43	65	1166	3.651	ng	# 2
48) Acenaphthylene	9.77	152	235990	7.742	ng	99
50) 2,6-Dinitrotoluene	9.91	165	50111	11.413	ng	# 26
51) Acenaphthene	9.95	154	607487	33.325	ng	99
54) Dibenzofuran	10.12	168	623337	24.264	ng	97
55) 4-Nitrophenol	10.12	139	241780	55.745	ng	# 10
56) 2,4-Dinitrotoluene	10.08	165	1593	3.329	ng	# 66
57) Fluorene	10.46	166	738026	39.485	ng	99
70) Phenanthrene	11.44	178	2031358	69.303	ng	99
71) Anthracene	11.48	178	516989	17.341	ng	99
72) Carbazole	11.63	167	342768	11.736	ng	99
74) Fluoranthene	12.63	202	1520186	51.548	ng	99
77) Pvrene	12.85	202	1203963	48.889	ng	100
80) Benzo(a)anthracene	14.07	228	374493	18.961	ng	94
82) Chrysene	14.07	228	374493	18.809	ng	97
85) Indeno(1,2,3-cd)pyrene	17.04	276	202698	12.275	ng	96
87) Benzo(b)fluoranthene	15.10	252	646487	33.831	ng	# 95
88) Benzo(k)fluoranthene	15.10	252	646487	35.407	ng	98
89) Benzo(a)pyrene	15.48	252	369413	21.477	ng	98
90) Dibenzo(a,h)anthracene	17.23	278	47592	3.409	ng	96
91) Benzo(g,h,i)perylene	17.50	276	182167	13.331	ng	97

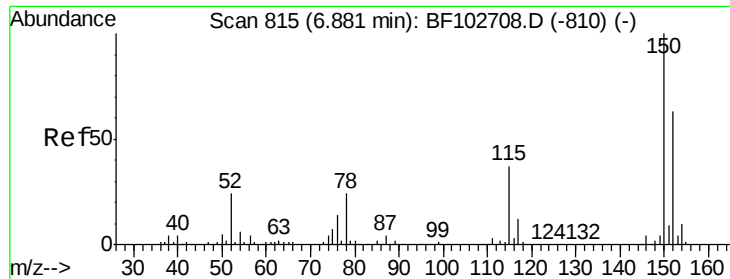
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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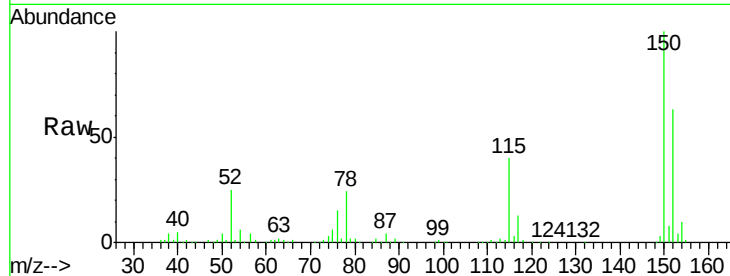


#1

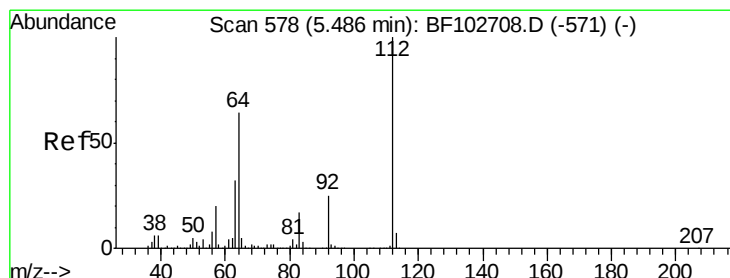
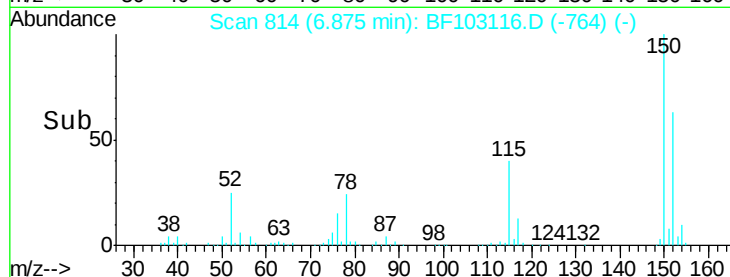
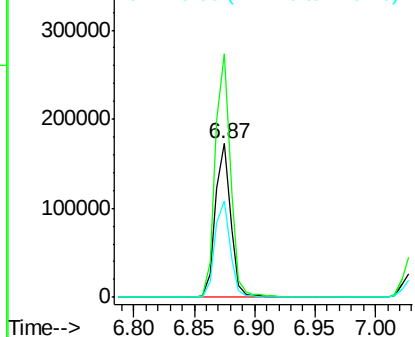
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103116.D
Acq: 20 Feb 2018 11:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 149430
Ion Ratio Lower Upper
152 100
150 158.4 124.6 186.8
115 63.1 50.1 75.1



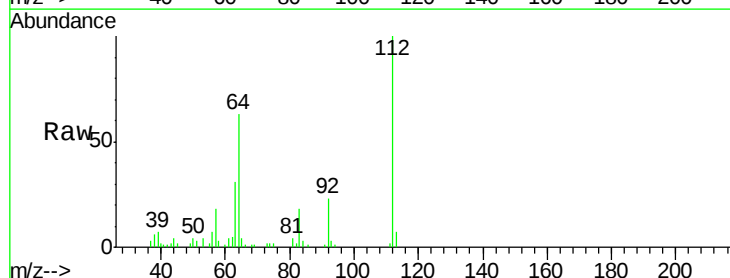
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



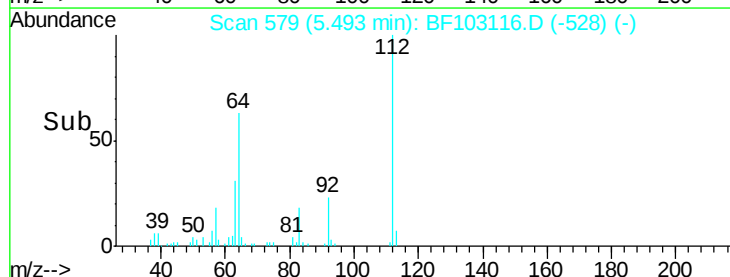
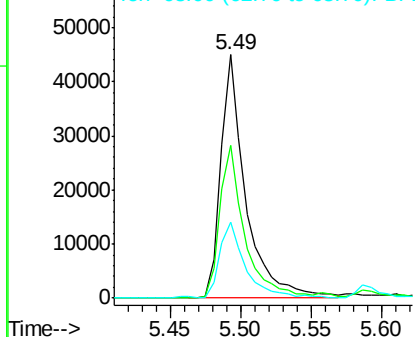
#5

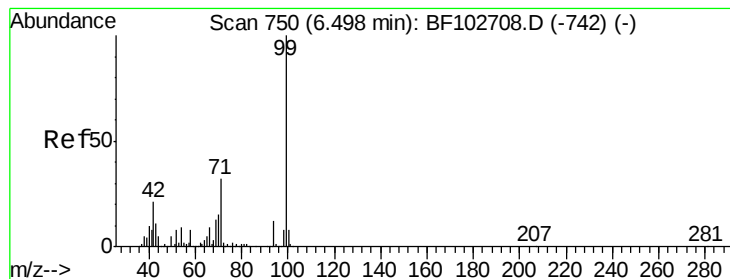
2-Fluorophenol
Concen: 5.643 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF103116.D
Acq: 20 Feb 2018 11:01

Tgt Ion:112 Resp: 55521
Ion Ratio Lower Upper
112 100
64 62.7 47.9 71.9
63 31.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 6.235 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF103116.D

Acq: 20 Feb 2018 11:01

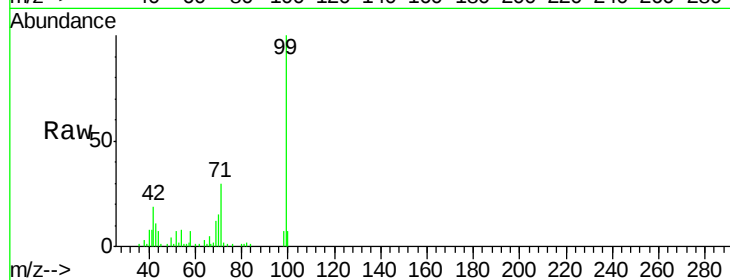
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 73867

Ion	Ratio	Lower	Upper
99	100		
42	19.1	14.5	21.7
71	29.5	25.4	38.0

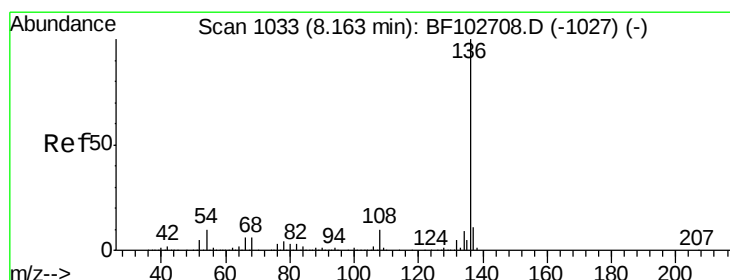
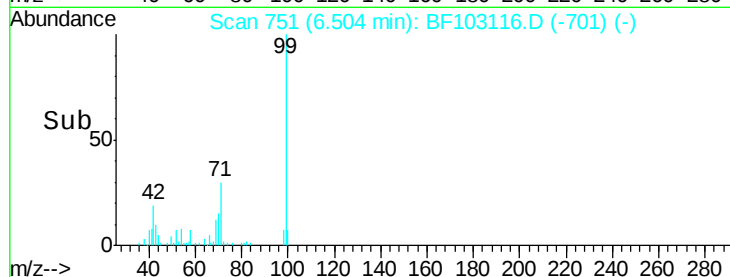


Abundance

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

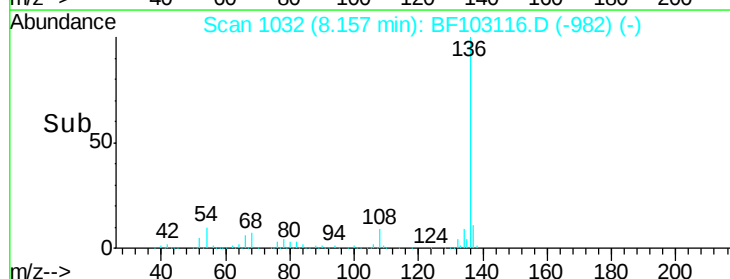
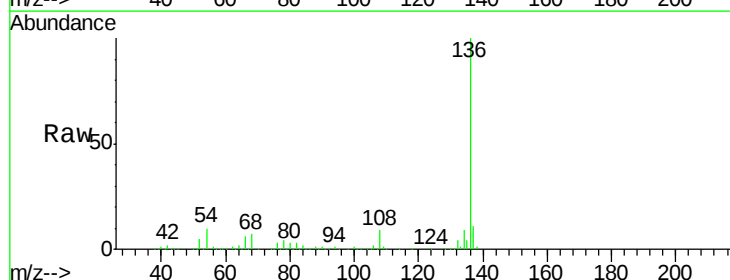
Delta R.T. -0.01 min

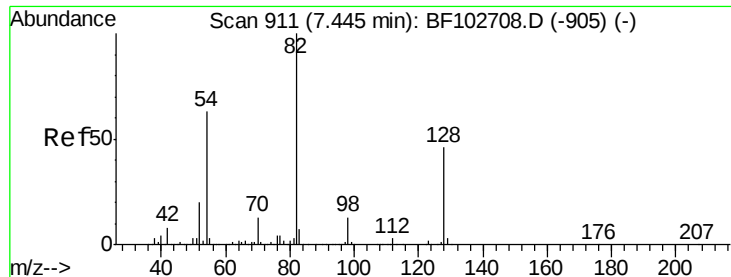
Lab File: BF103116.D

Acq: 20 Feb 2018 11:01

Tgt Ion: 136 Resp: 631021

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.8	6.6	9.8
68	6.6	5.0	7.4

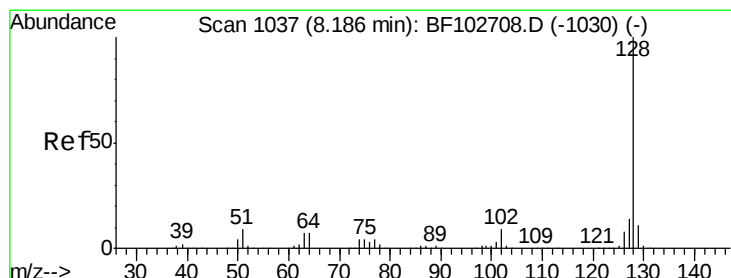
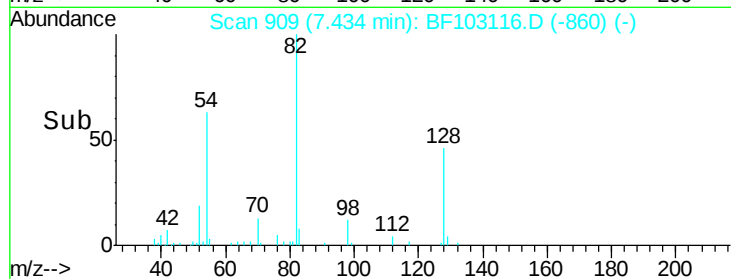
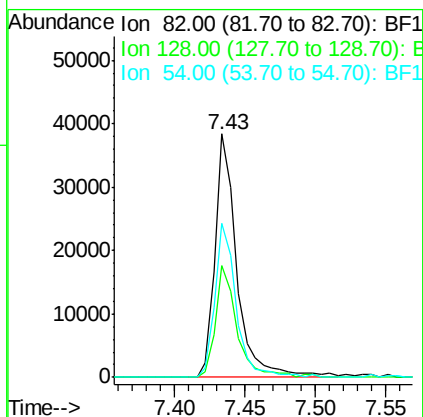
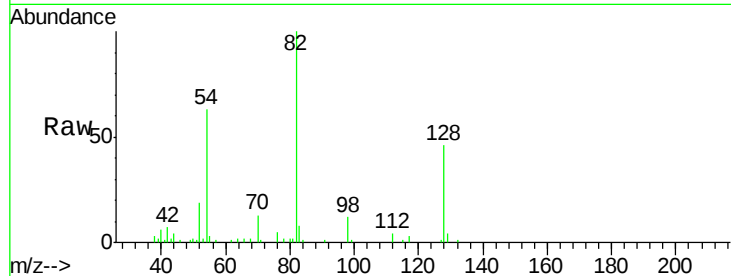




#23
Nitrobenzene-d5
Concen: 4.563 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF103116.D
Acq: 20 Feb 2018 11:01

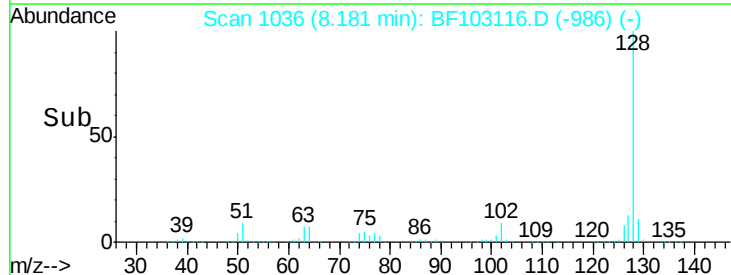
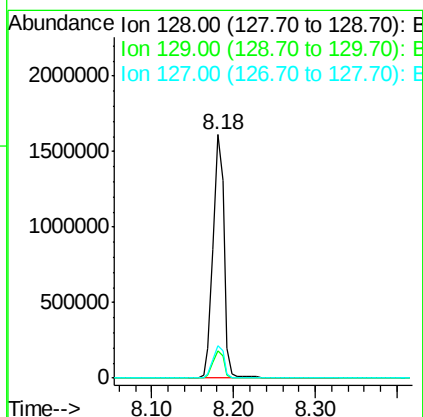
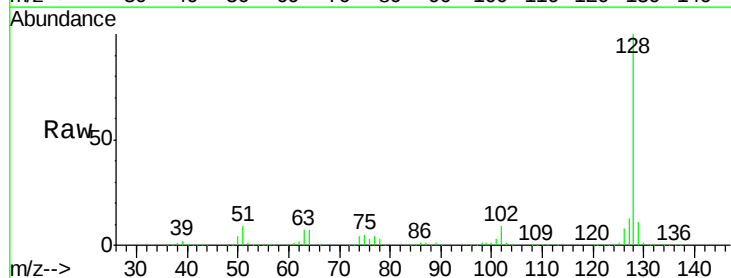
Instrument :
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ClientSampleId :

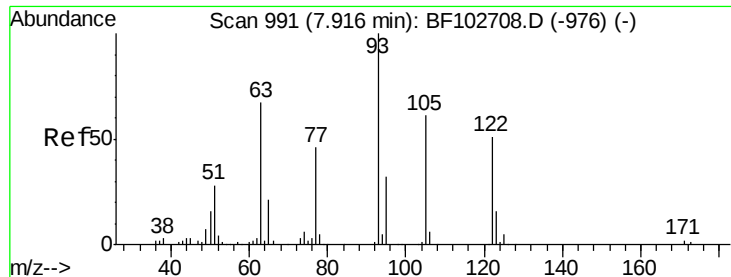
Tot Ion: 82 Resp: 41507
Ion Ratio Lower Upper
82 100
128 46.1 36.1 54.1
54 63.3 41.4 62.2#



#31
Naphthalene
Concen: 49.310 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF103116.D
Acq: 20 Feb 2018 11:01

Tgt Ion: 128 Resp: 1520229
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 13.4 10.9 16.3

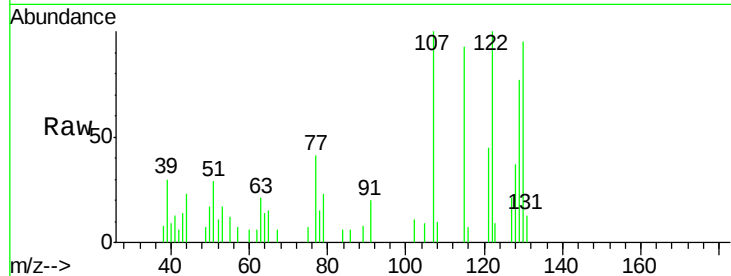




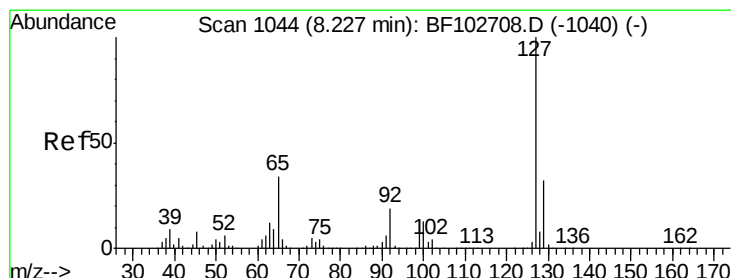
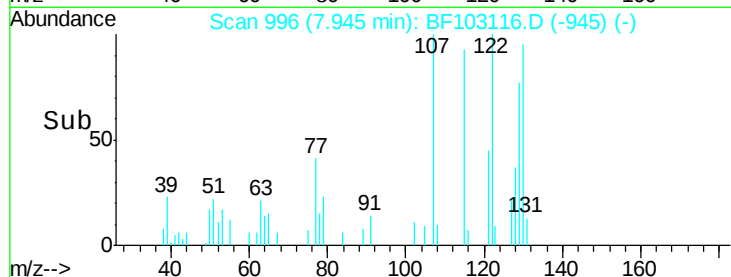
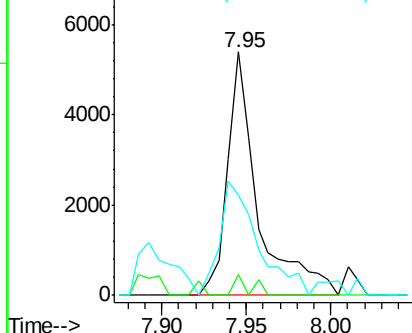
#32
Benzoic acid
Concen: 9.582 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.00 min
Lab File: BF103116.D
Acq: 20 Feb 2018 11:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 6729
Ion Ratio Lower Upper
122 100
105 8.7 101.1 141.1#
77 41.1 70.7 110.7#

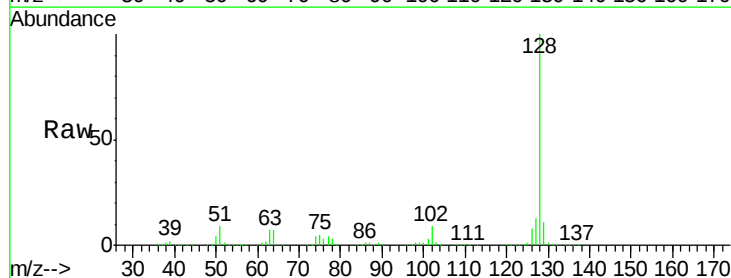


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

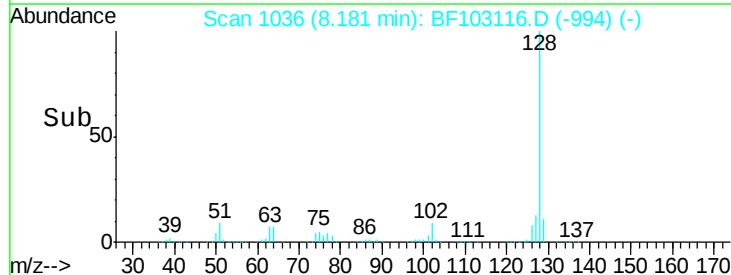
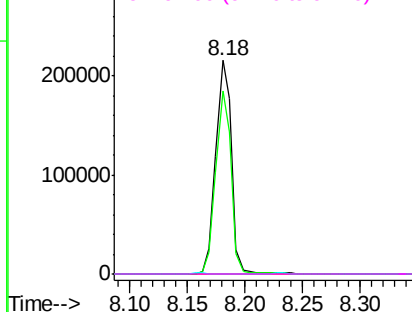


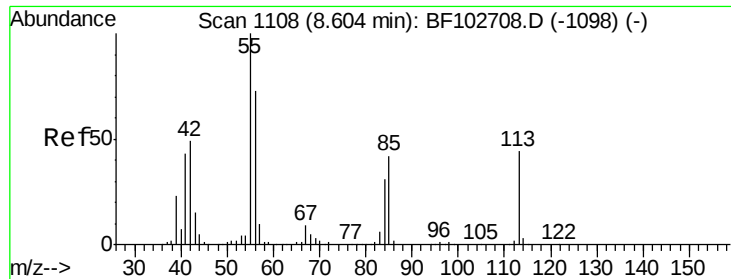
#33
4-Chloroaniline
Concen: 15.386 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.05 min
Lab File: BF103116.D
Acq: 20 Feb 2018 11:01

Tgt Ion:127 Resp: 204350
Ion Ratio Lower Upper
127 100
129 85.9 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





#35

Caprolactam

Concen: 2.707 ng

RT: 8.87 min Scan# 1153

Delta R.T. 0.25 min

Lab File: BF103116.D

Acq: 20 Feb 2018 11:01

Instrument :

BNA_F

ClientSampleId :

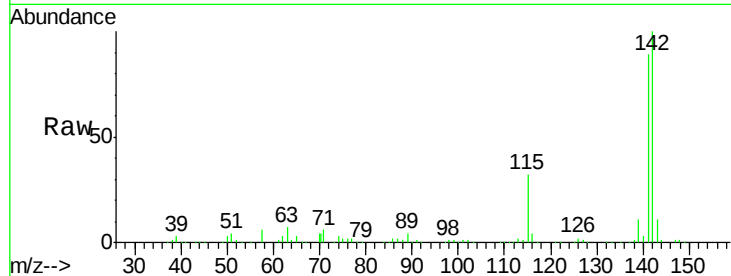
Tot Ion:113 Resp: 7563

Ion Ratio Lower Upper

113 100

55 13.8 163.3 203.3#

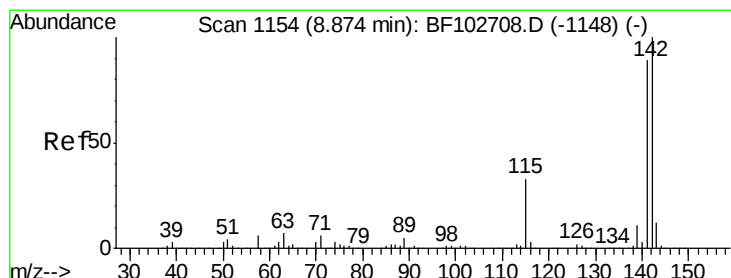
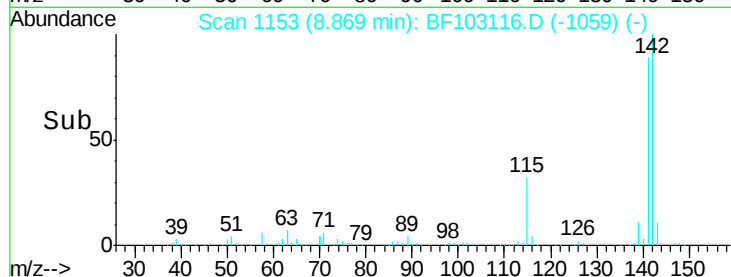
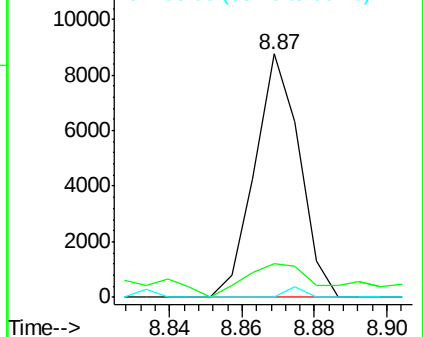
56 0.0 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#37

2-Methylnaphthalene

Concen: 17.691 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF103116.D

Acq: 20 Feb 2018 11:01

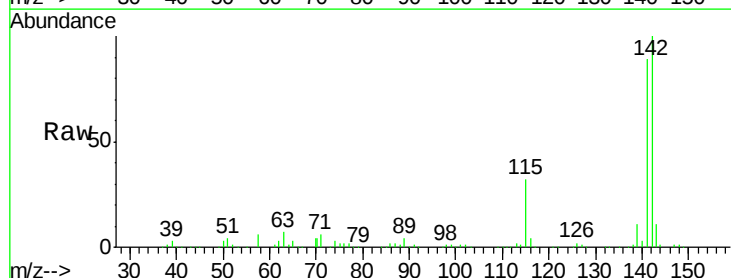
Tgt Ion:142 Resp: 357100

Ion Ratio Lower Upper

142 100

141 89.1 70.8 106.2

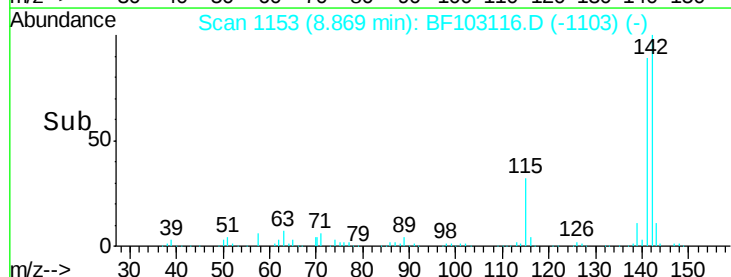
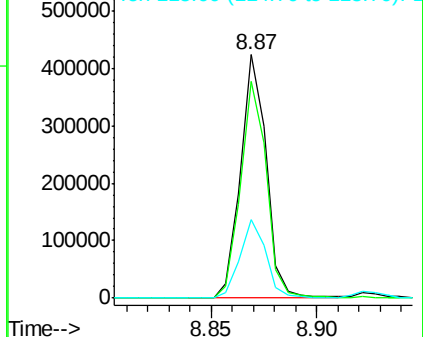
115 32.1 26.1 39.1

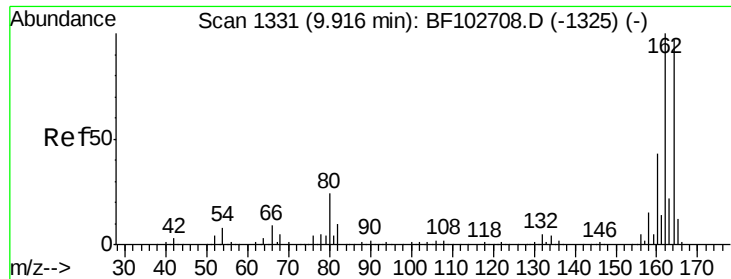


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

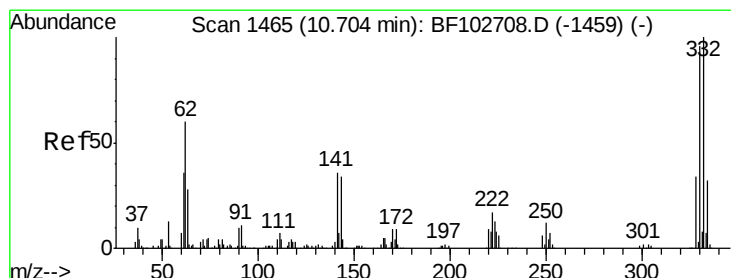
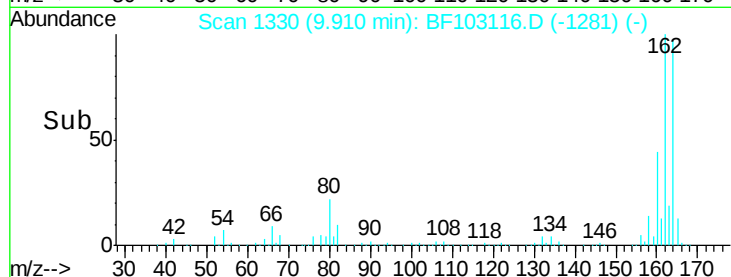
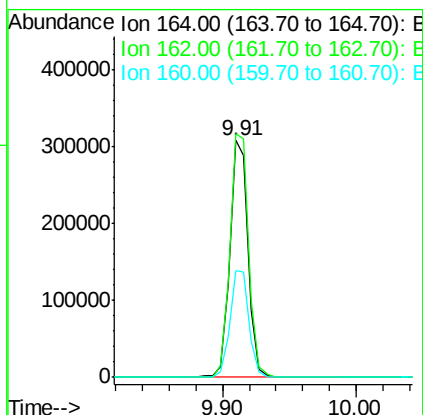
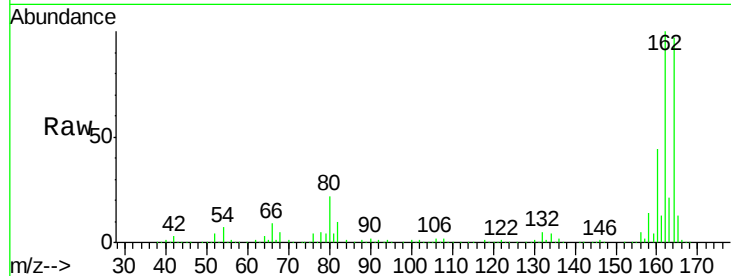




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF103116.D
 Acq: 20 Feb 2018 11:01

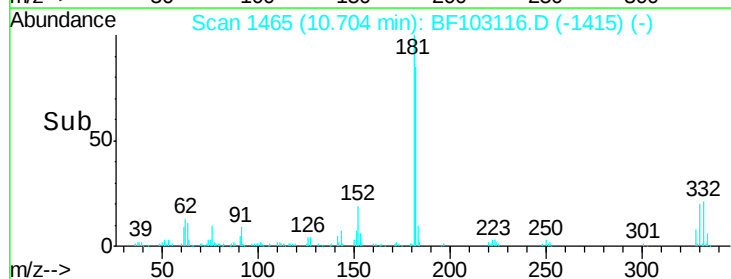
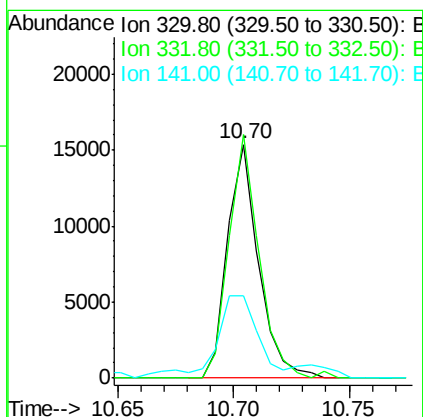
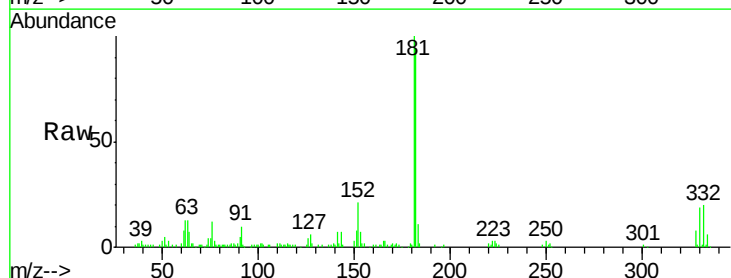
Instrument :
 BNA_F
 ClientSampleId :

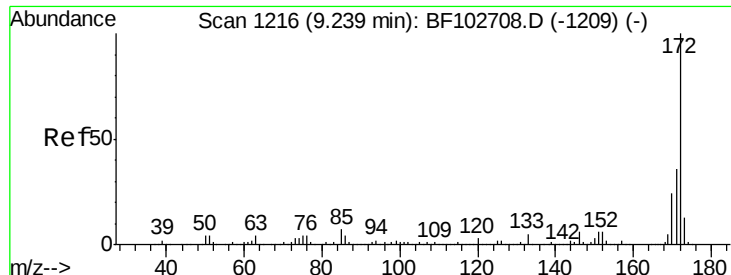
Tot Ion:164 Resp: 295974
 Ion Ratio Lower Upper
 164 100
 162 102.7 86.1 129.1
 160 45.3 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 6.060 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF103116.D
 Acq: 20 Feb 2018 11:01

Tgt Ion:330 Resp: 14436
 Ion Ratio Lower Upper
 330 100
 332 101.3 77.0 115.6
 141 47.8 29.9 44.9#

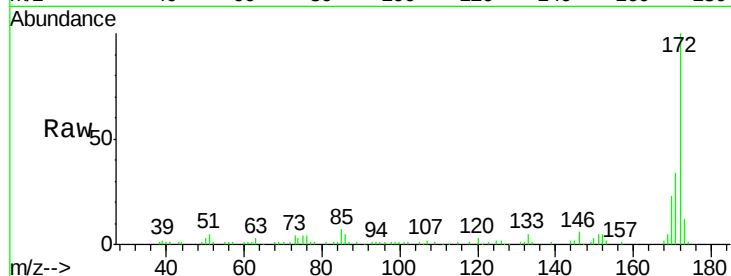




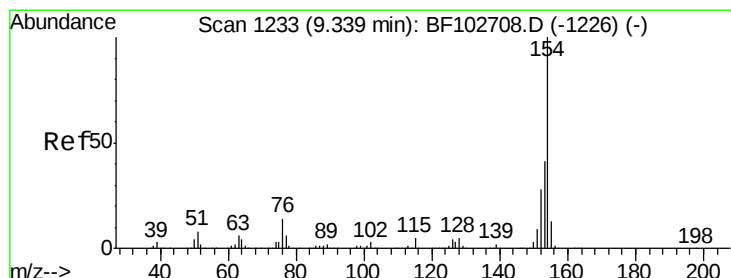
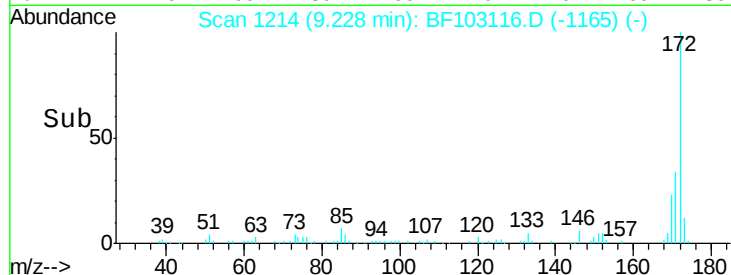
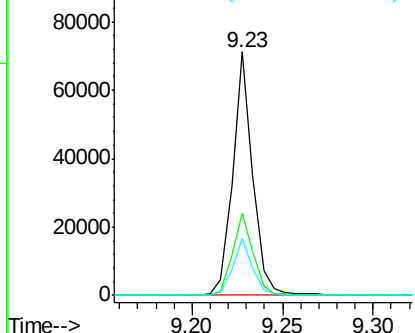
#44
2-Fluorobiphenyl
Concen: 3.074 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF103116.D
Acq: 20 Feb 2018 11:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 54830
Ion Ratio Lower Upper
172 100
171 33.7 29.7 44.5
170 23.3 19.6 29.4

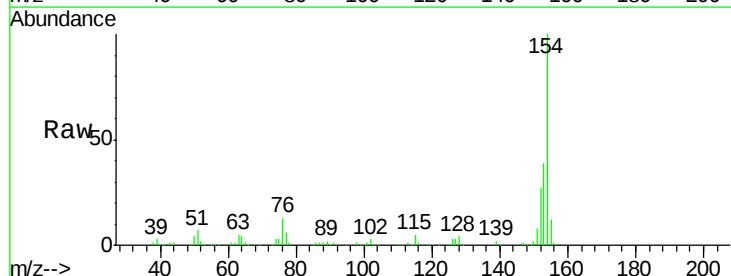


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

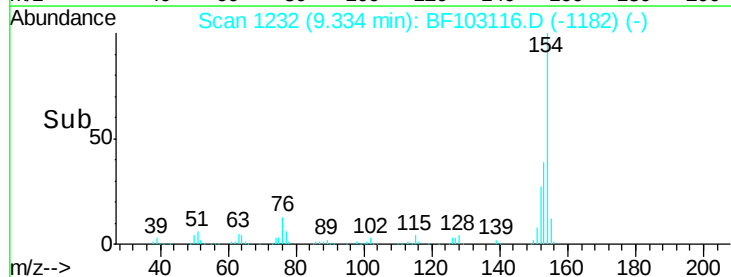
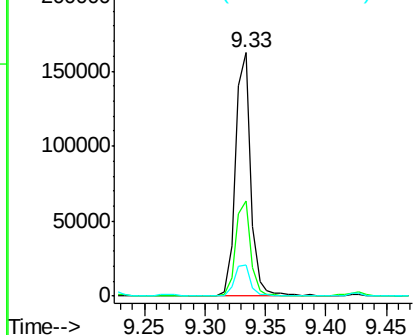


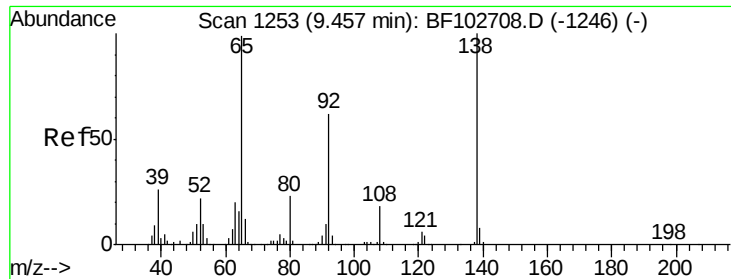
#45
1,1'-Biphenyl
Concen: 5.775 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF103116.D
Acq: 20 Feb 2018 11:01

Tgt Ion:154 Resp: 143971
Ion Ratio Lower Upper
154 100
153 39.0 21.3 61.3
76 13.0 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





#47

2-Nitroaniline

Concen: 3.651 ng

RT: 9.43 min Scan# 1248

Delta R.T. -0.04 min

Lab File: BF103116.D

Acq: 20 Feb 2018 11:01

Instrument :

BNA_F

ClientSampled :

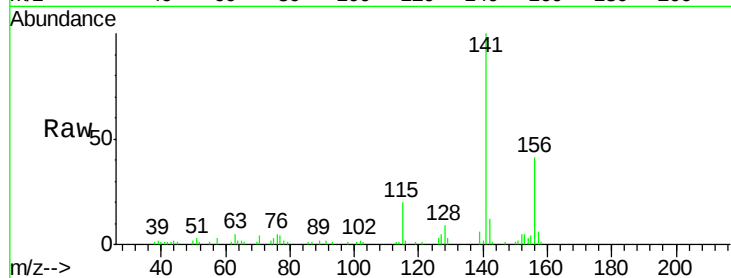
Tot Ion: 65 Resp: 1166

Ion Ratio Lower Upper

65 100

92 0.0 55.8 83.6#

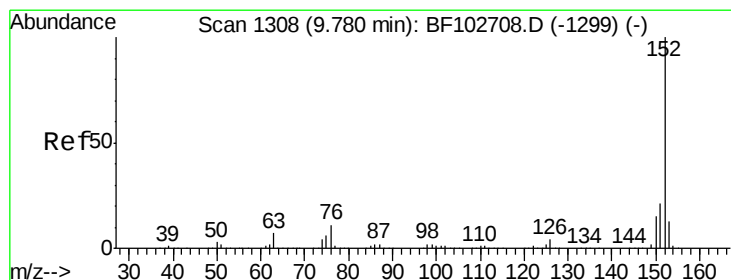
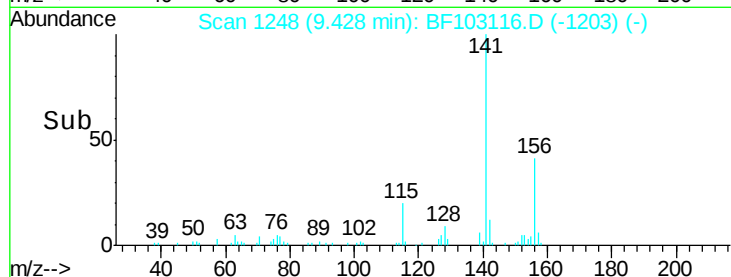
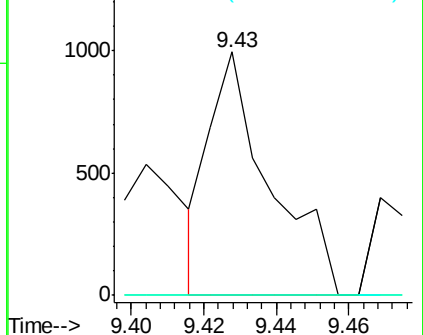
138 0.0 91.2 136.8#



Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#48

Acenaphthylene

Concen: 7.742 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF103116.D

Acq: 20 Feb 2018 11:01

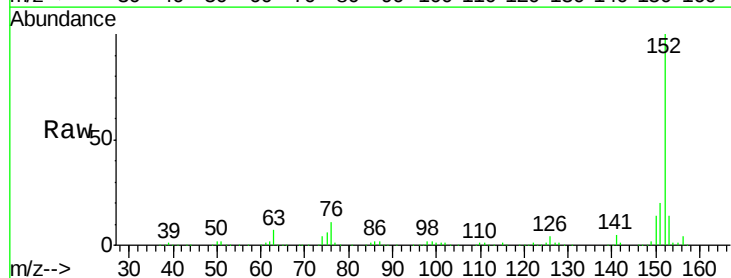
Tgt Ion: 152 Resp: 235990

Ion Ratio Lower Upper

152 100

151 19.8 16.3 24.5

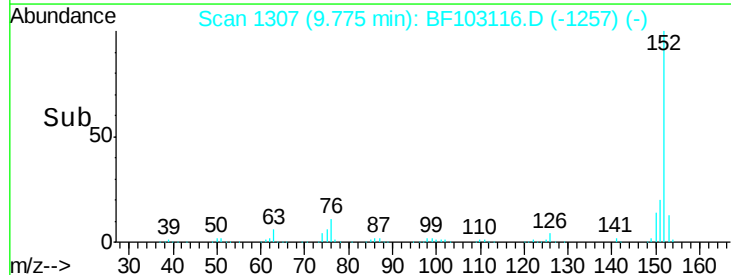
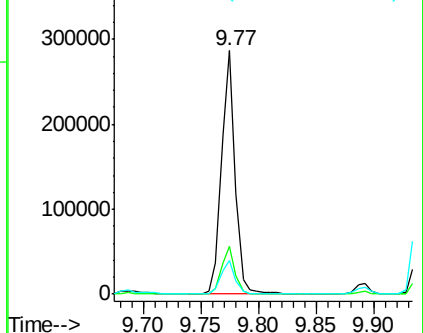
153 13.7 10.7 16.1

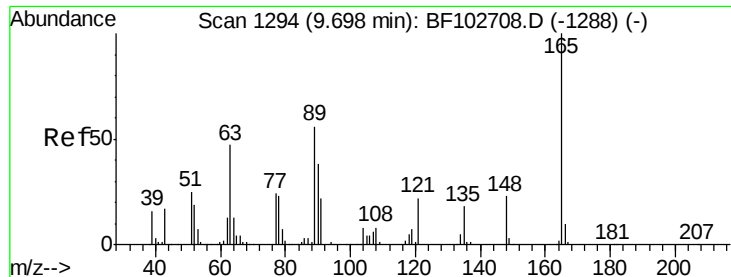


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

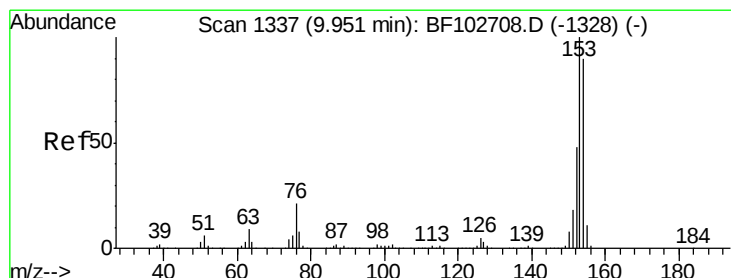
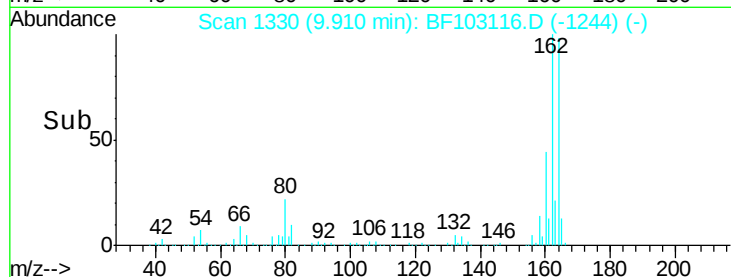
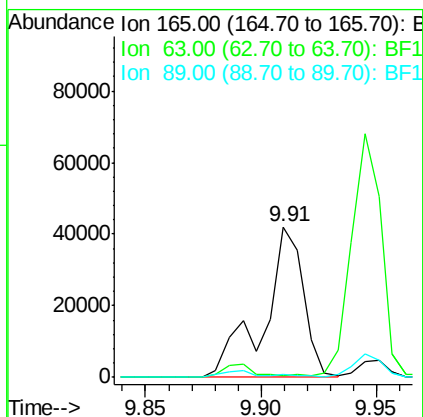
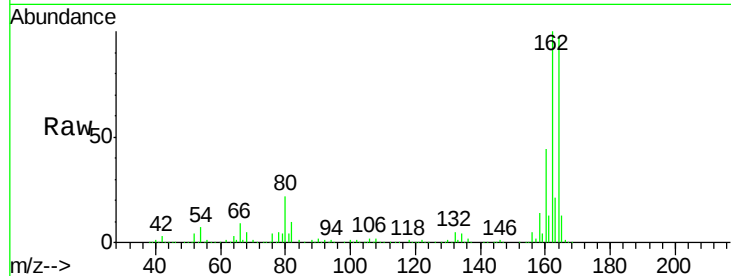




#50
 2,6-Dinitrotoluene
 Concen: 11.413 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. 0.21 min
 Lab File: BF103116.D
 Acq: 20 Feb 2018 11:01

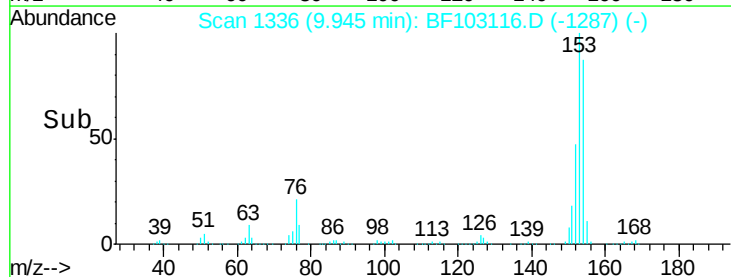
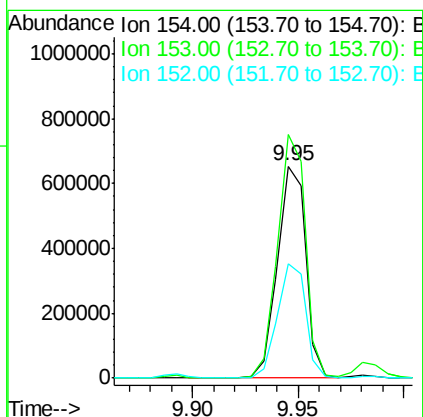
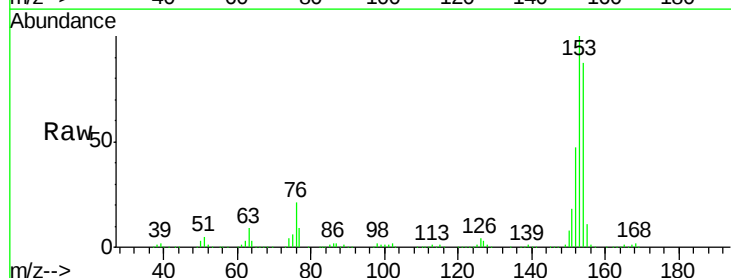
Instrument :
 BNA_F
 ClientSampleId :

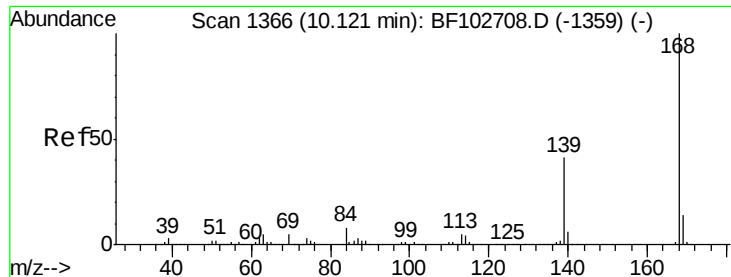
Tot Ion:165 Resp: 50111
 Ion Ratio Lower Upper
 165 100
 63 1.5 44.7 67.1#
 89 1.8 44.0 66.0#



#51
 Acenaphthene
 Concen: 33.325 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. -0.01 min
 Lab File: BF103116.D
 Acq: 20 Feb 2018 11:01

Tgt Ion:154 Resp: 607487
 Ion Ratio Lower Upper
 154 100
 153 114.8 91.2 136.8
 152 53.9 43.8 65.8

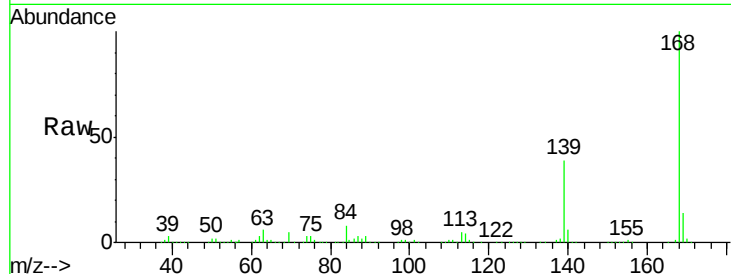




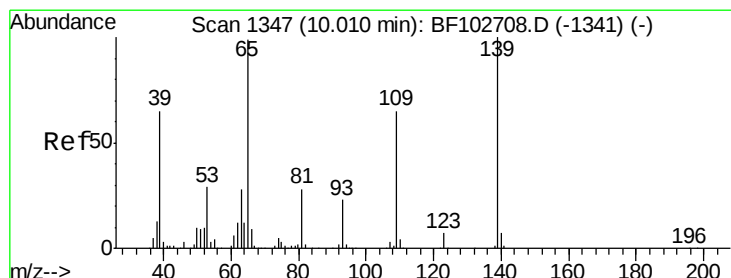
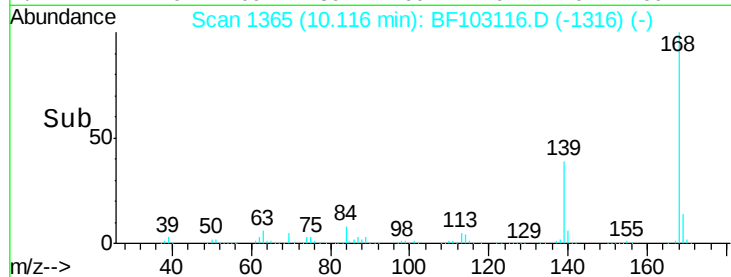
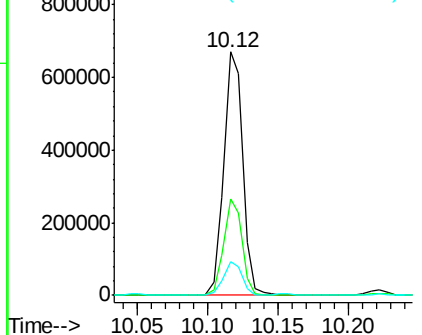
#54
Dibenzenofuran
Concen: 24.264 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF103116.D
Acq: 20 Feb 2018 11:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 623337
Ion Ratio Lower Upper
168 100
139 39.5 30.1 45.1
169 13.9 10.9 16.3

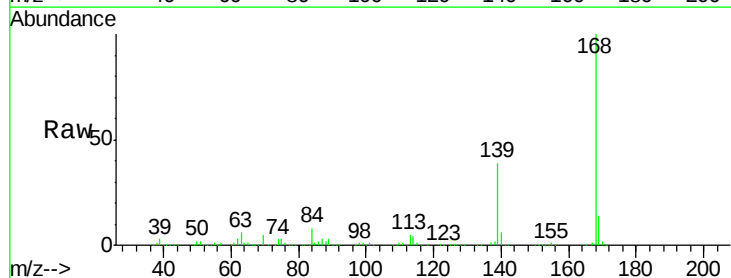


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

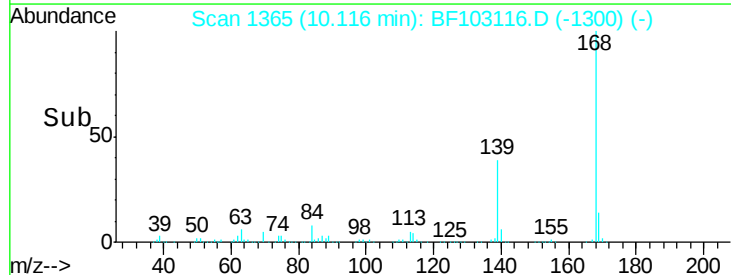
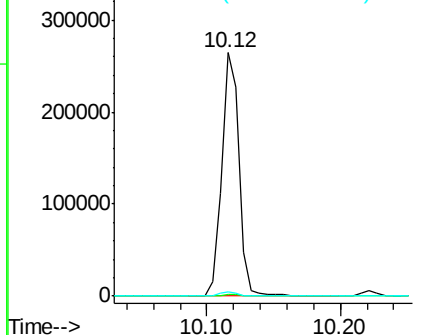


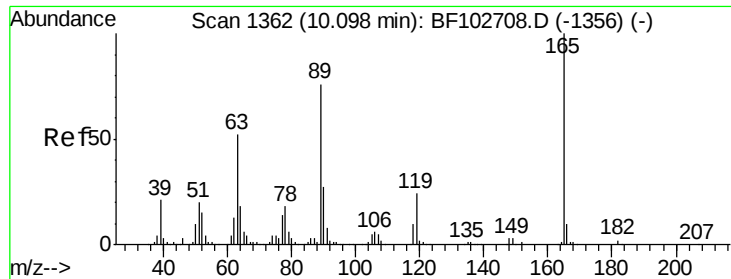
#55
4-Nitrophenol
Concen: 55.745 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.08 min
Lab File: BF103116.D
Acq: 20 Feb 2018 11:01

Tgt Ion:139 Resp: 241780
Ion Ratio Lower Upper
139 100
109 0.9 48.4 88.4#
65 1.9 72.6 112.6#



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

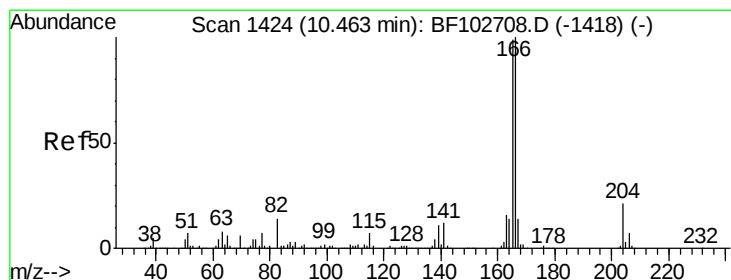
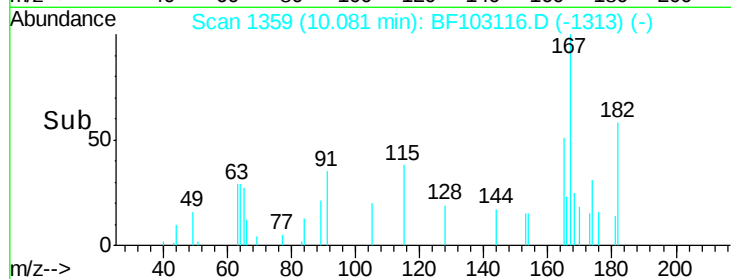
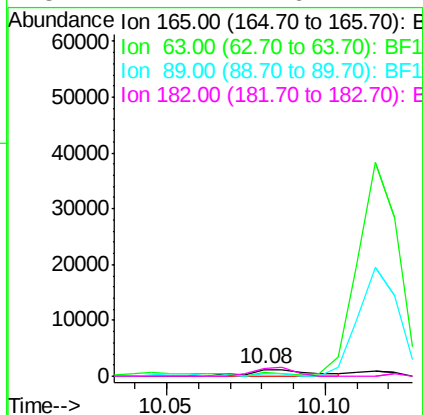
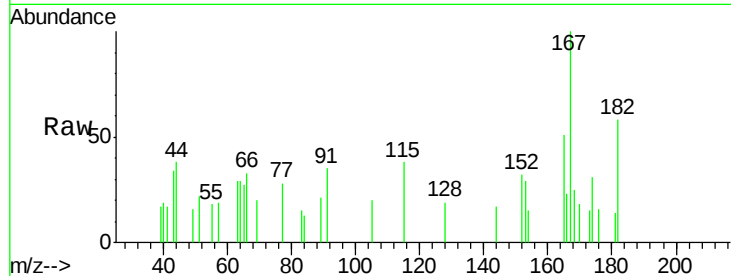




#56
 2,4-Dinitrotoluene
 Concen: 3.329 ng
 RT: 10.08 min Scan# 1359
 Delta R.T. -0.03 min
 Lab File: BF103116.D
 Acq: 20 Feb 2018 11:01

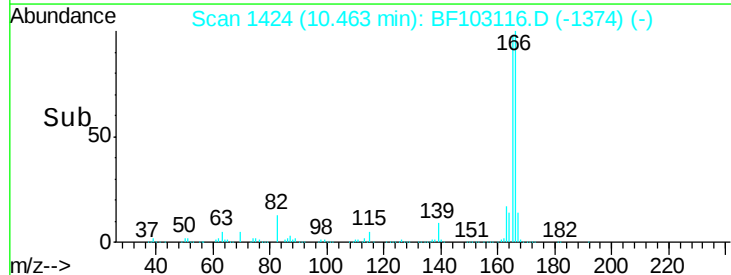
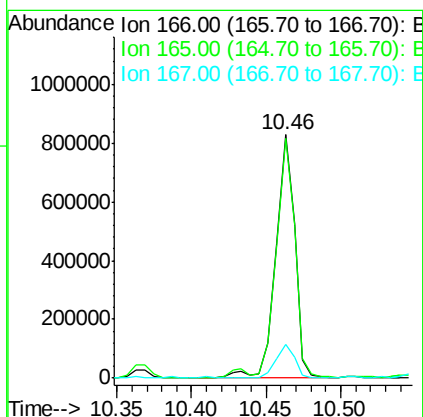
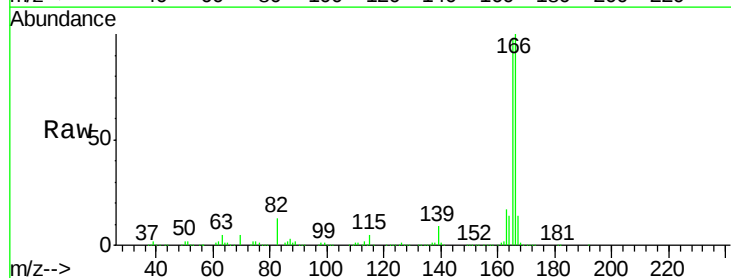
Instrument :
 BNA_F
 ClientSampleId :

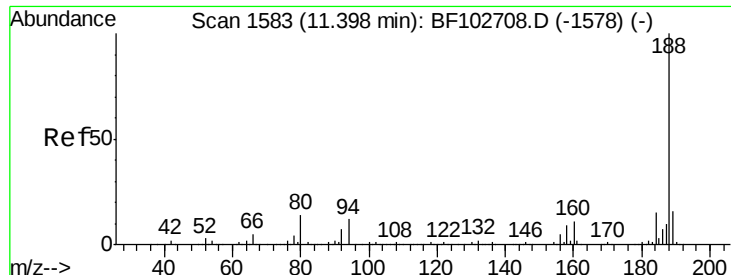
Tot Ion:	165	Resp:	1593
Ion	Ratio	Lower	Upper
165	100		
63	55.7	36.4	54.6#
89	41.1	57.8	86.6#
182	112.7	1.6	2.4#



#57
 Fluorene
 Concen: 39.485 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF103116.D
 Acq: 20 Feb 2018 11:01

Tgt Ion:	166	Resp:	738026
Ion	Ratio	Lower	Upper
166	100		
165	98.4	79.8	119.8
167	13.6	10.6	16.0

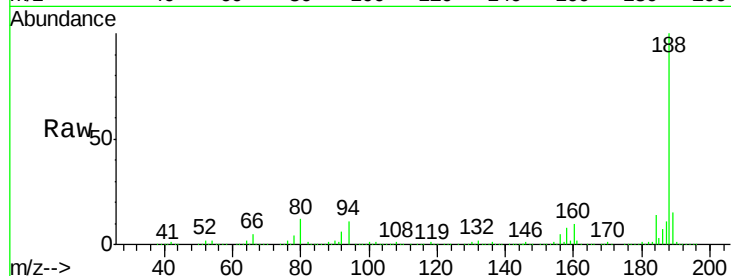




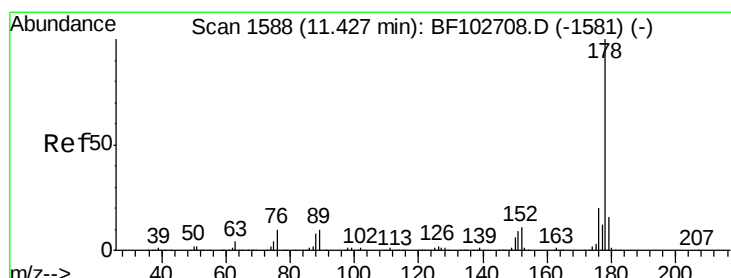
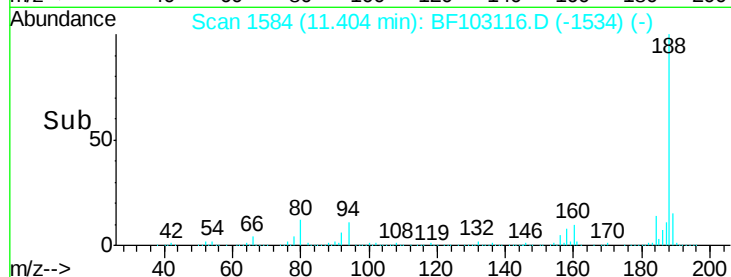
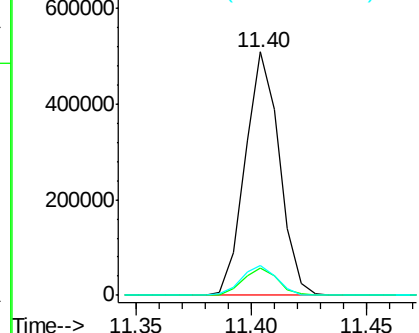
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF103116.D
 Acq: 20 Feb 2018 11:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 526299
 Ion Ratio Lower Upper
 188 100
 94 11.5 8.5 12.7
 80 12.1 9.2 13.8

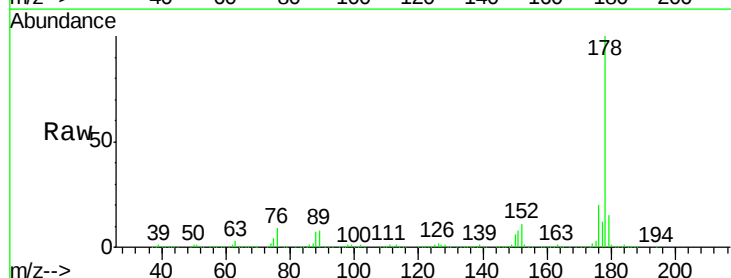


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

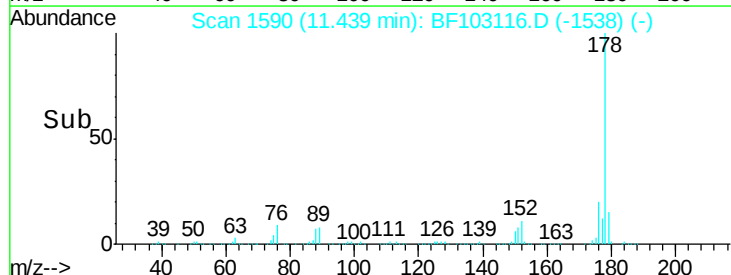
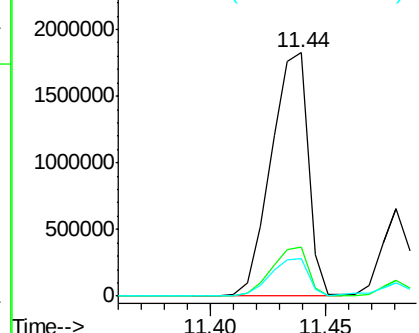


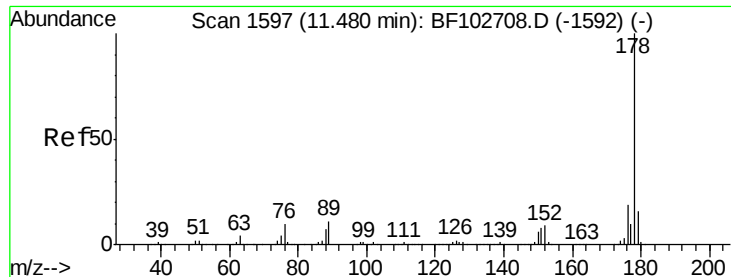
#70
 Phenanthrene
 Concen: 69.303 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. 0.01 min
 Lab File: BF103116.D
 Acq: 20 Feb 2018 11:01

Tgt Ion:178 Resp: 2031358
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.8
 179 15.3 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: 17.341 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF103116.D

Acq: 20 Feb 2018 11:01

Instrument :

BNA_F

ClientSampled :

Tot Ion:178 Resp: 516989

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	15.3	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

2500000

2000000

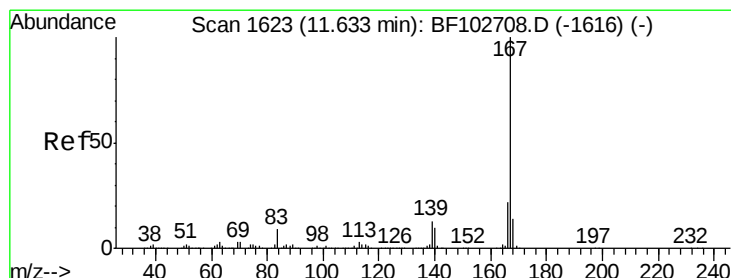
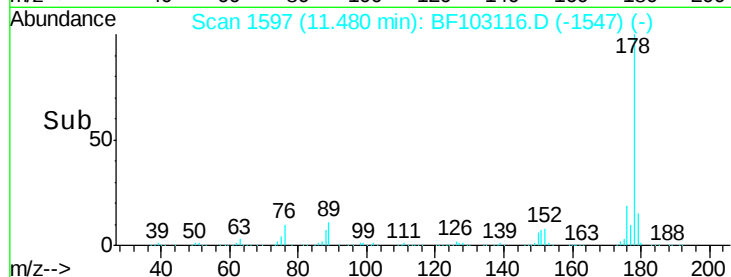
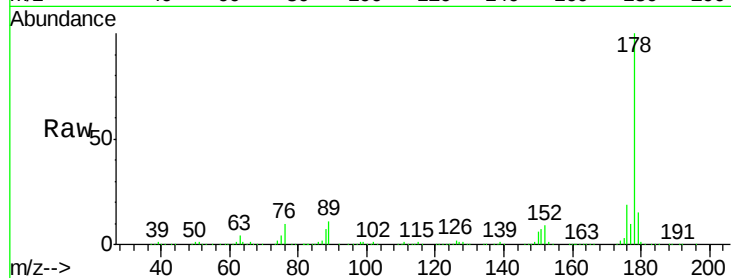
1500000

1000000

500000

0

Time-->



#72

Carbazole

Concen: 11.736 ng

RT: 11.63 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BF103116.D

Acq: 20 Feb 2018 11:01

Tgt Ion:167 Resp: 342768

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.6	26.4
139	13.7	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

500000

400000

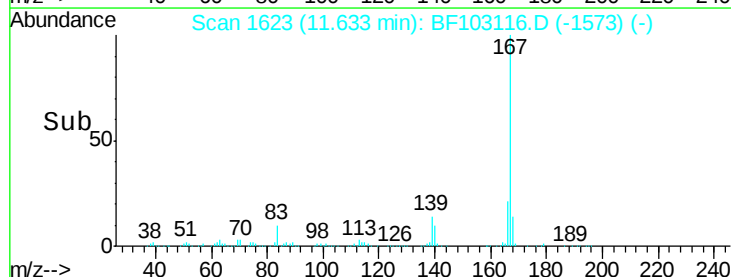
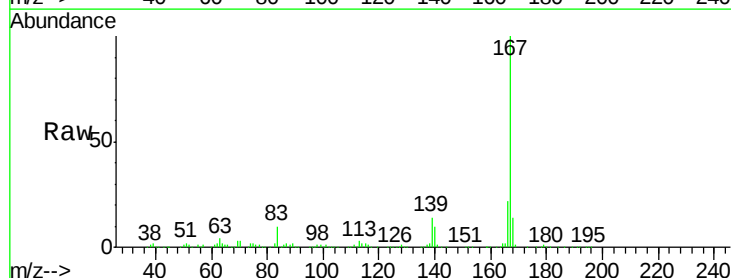
300000

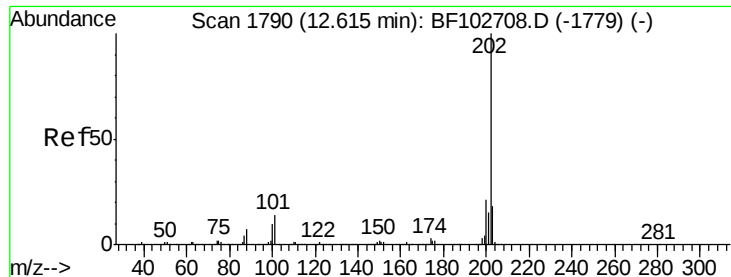
200000

100000

0

Time-->





#74

Fluoranthene

Concen: 51.548 ng

RT: 12.63 min Scan# 1792

Delta R.T. 0.00 min

Lab File: BF103116.D

Acq: 20 Feb 2018 11:01

Instrument :

BNA_F

ClientSampleId :

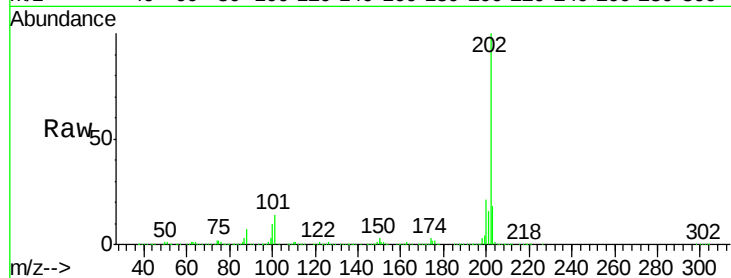
Tot Ion:202 Resp: 1520186

Ion Ratio Lower Upper

202 100

101 13.9 0.0 34.1

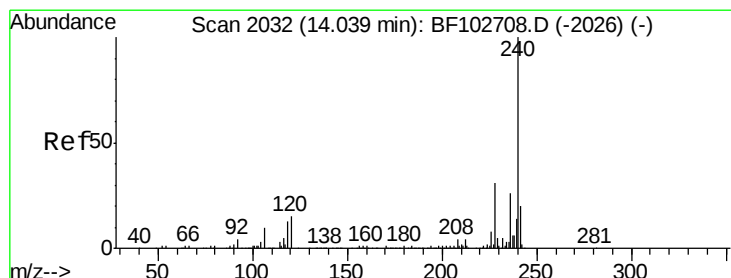
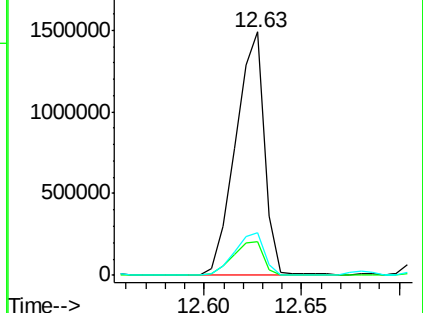
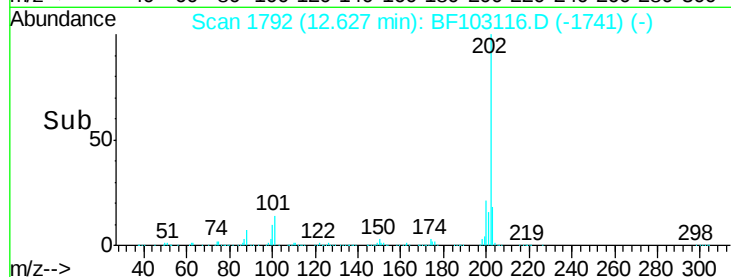
203 17.6 0.0 38.1



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: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF103116.D

Acq: 20 Feb 2018 11:01

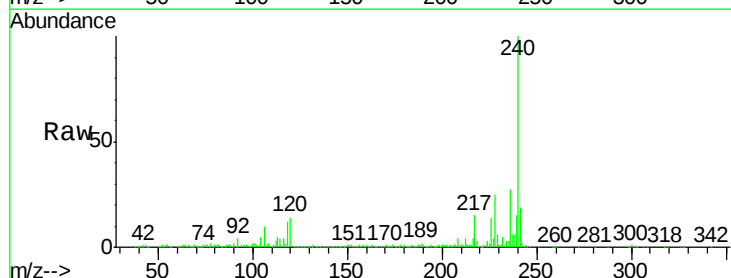
Tgt Ion:240 Resp: 314052

Ion Ratio Lower Upper

240 100

120 14.0 9.5 14.3

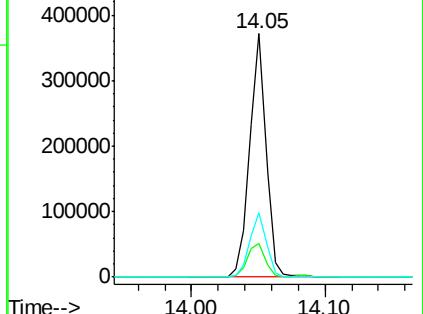
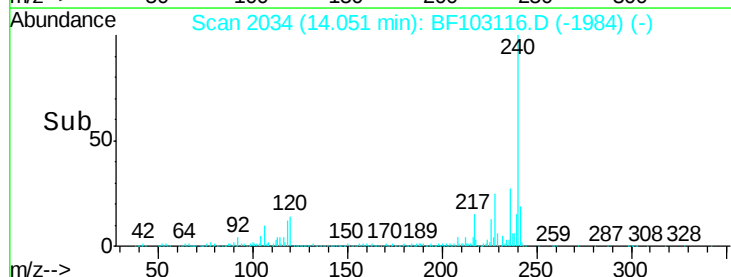
236 26.6 20.7 31.1

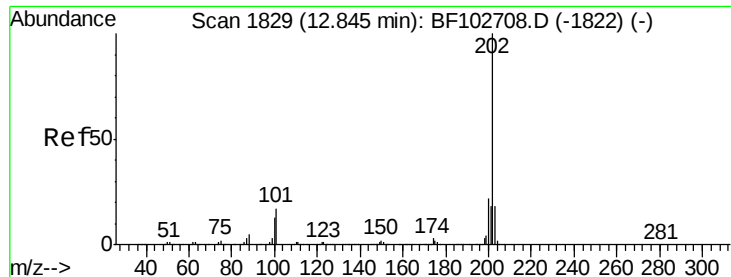


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 48.889 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF103116.D

Acq: 20 Feb 2018 11:01

Instrument :

BNA_F

ClientSampleId :

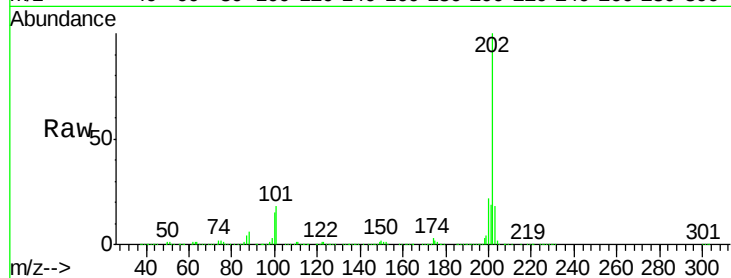
Tot Ion:202 Resp: 1203963

Ion Ratio Lower Upper

202 100

200 21.9 17.4 26.2

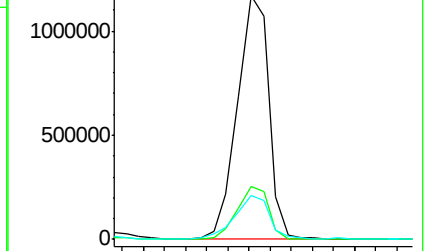
203 18.3 14.3 21.5



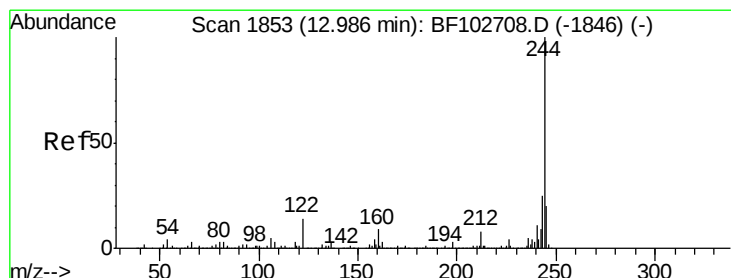
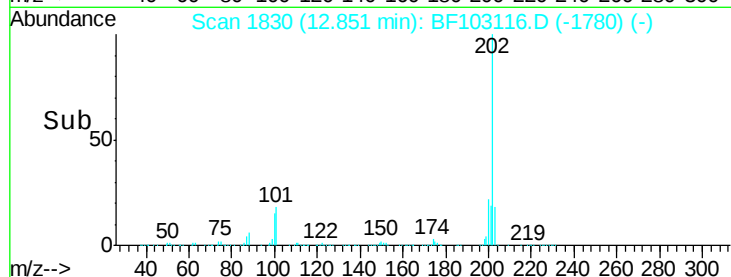
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#78

Terphenyl-d14

Concen: 3.748 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF103116.D

Acq: 20 Feb 2018 11:01

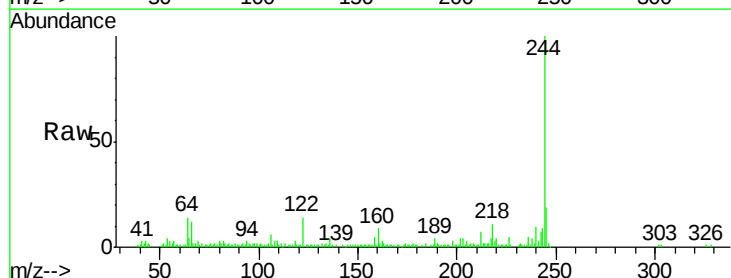
Tgt Ion:244 Resp: 49711

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

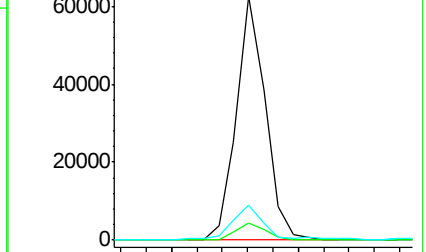
122 14.5 11.0 16.4



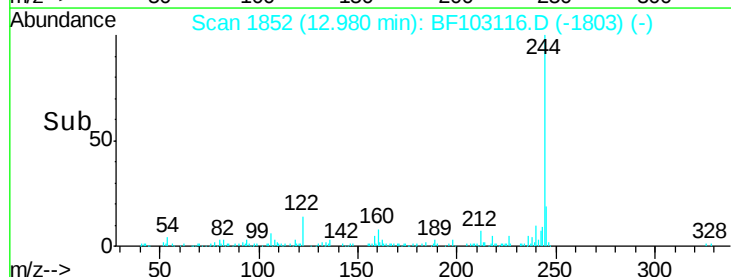
Abundance Ion 244.00 (243.70 to 244.70): E

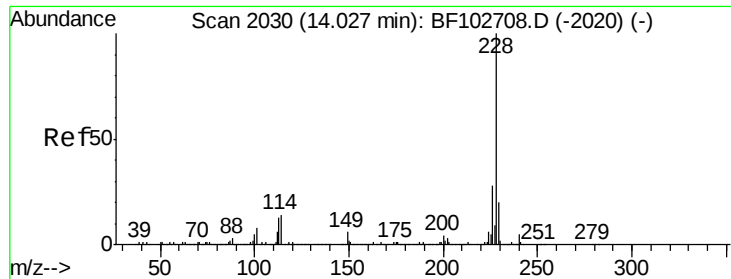
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->

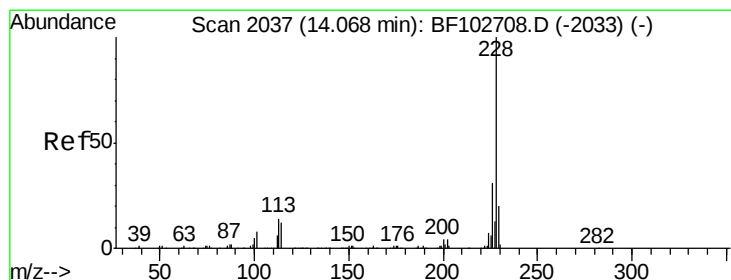
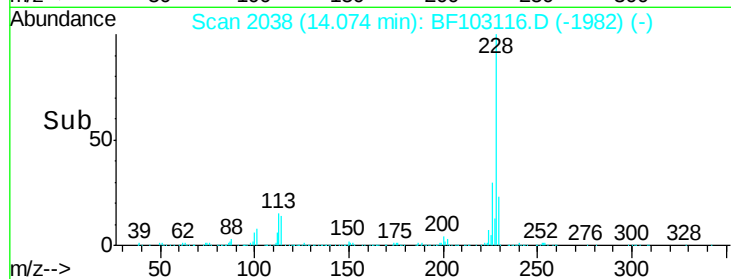
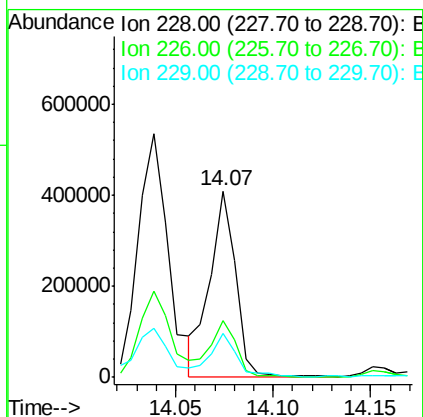
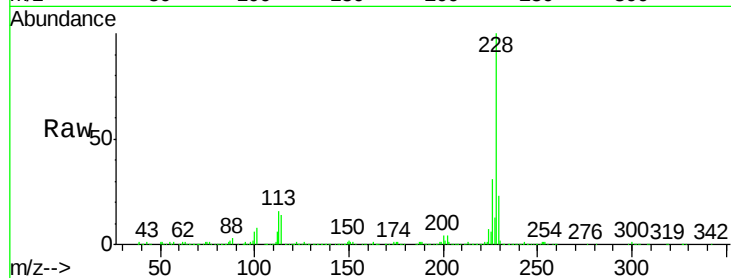




#80
Benzo(a)anthracene
Concen: 18.961 ng
RT: 14.07 min Scan# 2038
Delta R.T. 0.03 min
Lab File: BF103116.D
Acq: 20 Feb 2018 11:01

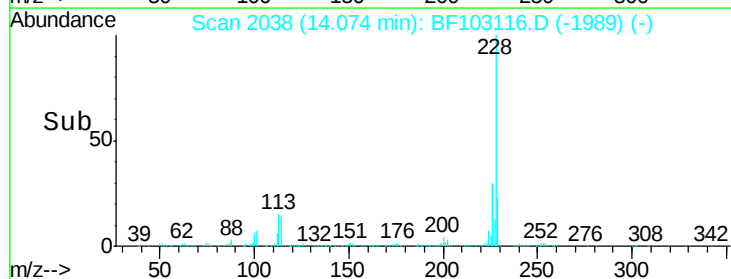
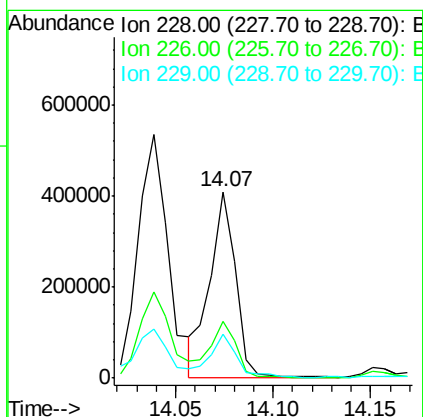
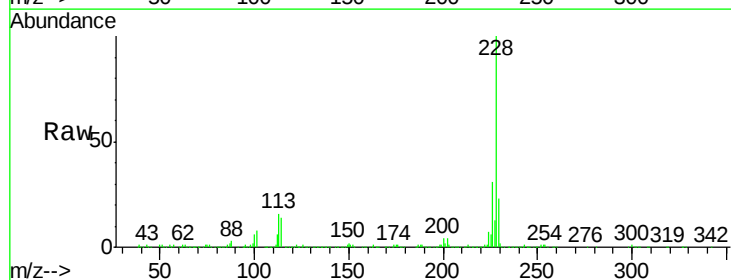
Instrument :
BNA_F
ClientSampleId :

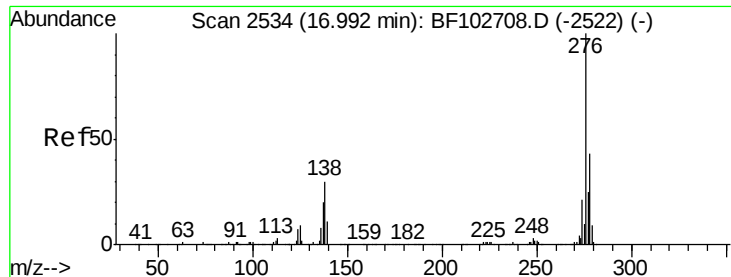
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	22.6	33.8
229	23.4	15.8	23.6



#82
Chrysene
Concen: 18.809 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF103116.D
Acq: 20 Feb 2018 11:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.6
229	23.4	16.2	24.4

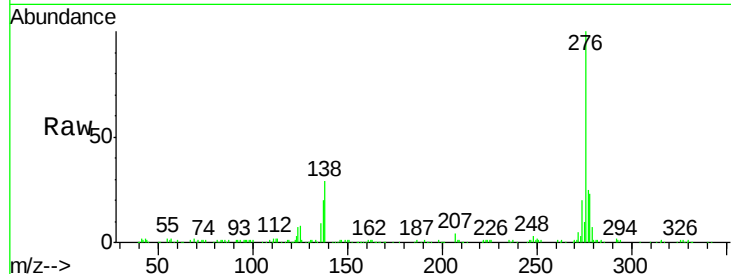




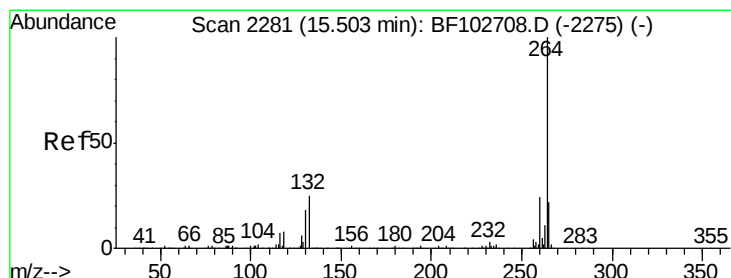
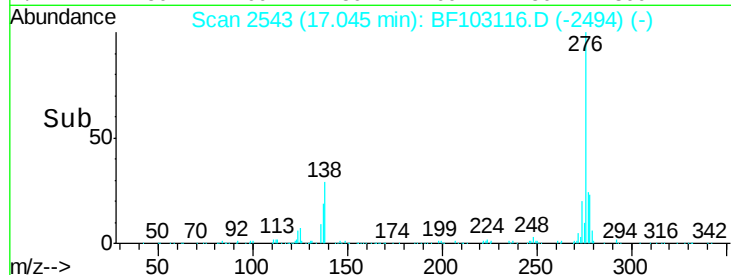
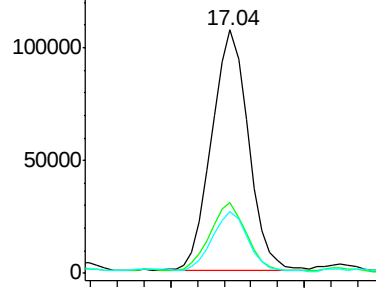
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 12.275 ng
 RT: 17.04 min Scan# 2543
 Delta R.T. -0.01 min
 Lab File: BF103116.D
 Acq: 20 Feb 2018 11:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.8	25.0	37.6
277	24.2	20.1	30.1

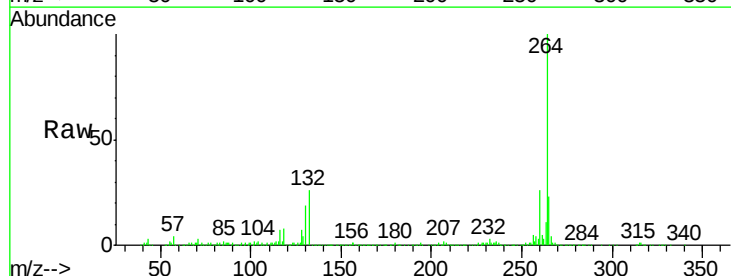


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

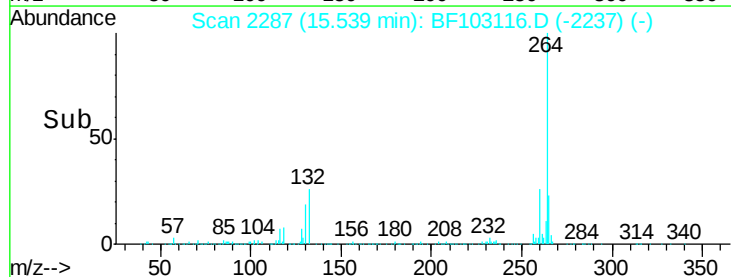
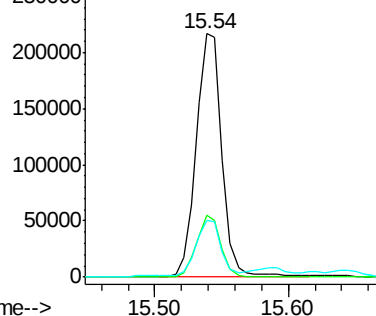


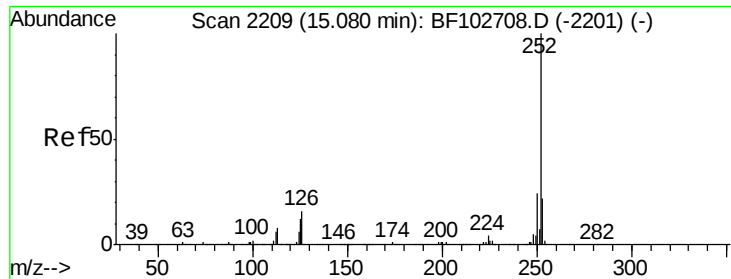
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2287
 Delta R.T. -0.01 min
 Lab File: BF103116.D
 Acq: 20 Feb 2018 11:01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.5	19.2	28.8
265	23.3	17.5	26.3



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

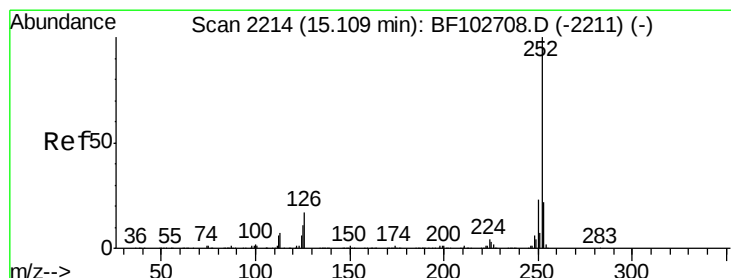
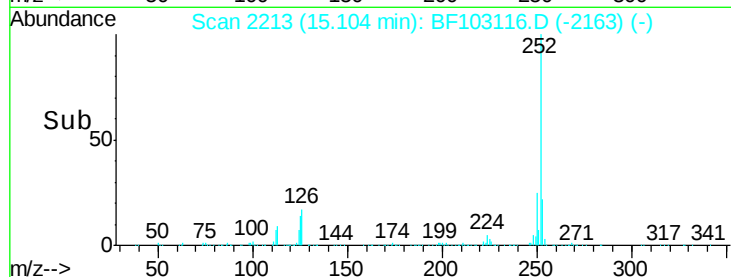
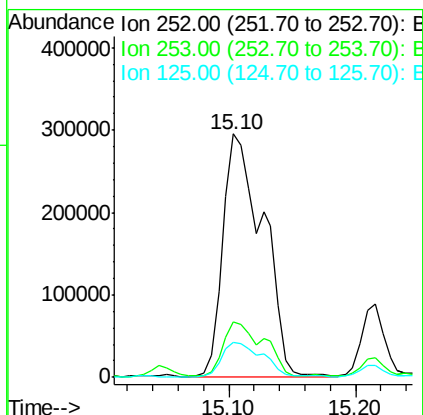
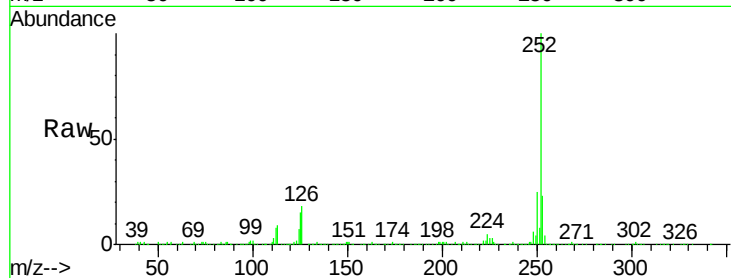




#87
Benzo(b)fluoranthene
Concen: 33.831 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BF103116.D
Acq: 20 Feb 2018 11:01

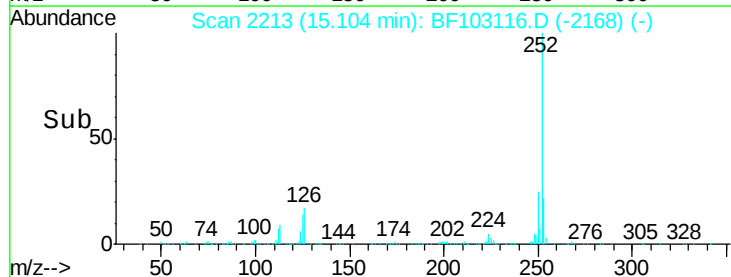
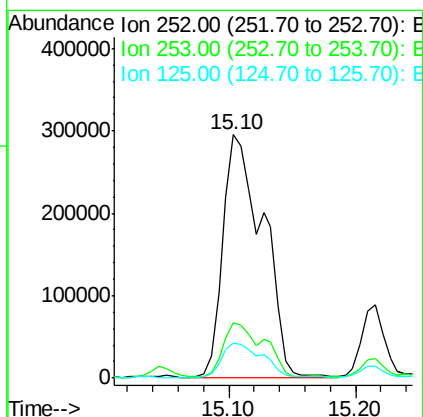
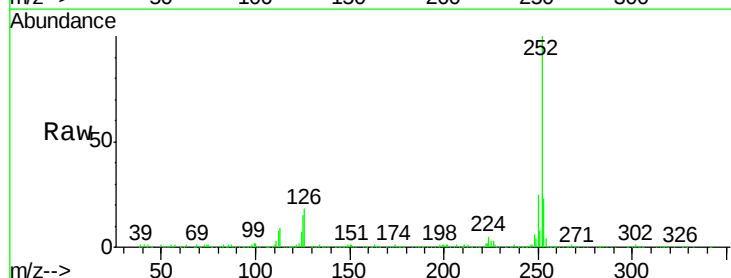
Instrument :
BNA_F
ClientSampleId :

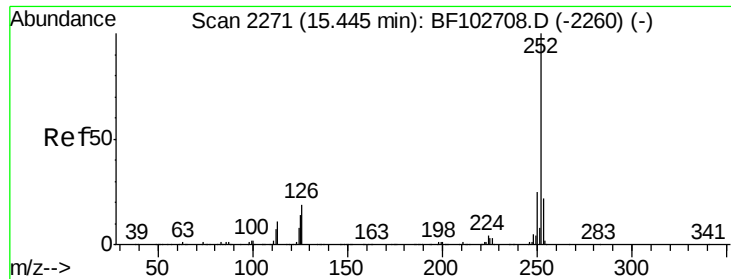
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.6
125	14.5	9.0	13.6



#88
Benzo(k)fluoranthene
Concen: 35.407 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.04 min
Lab File: BF103116.D
Acq: 20 Feb 2018 11:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	14.5	10.2	15.2

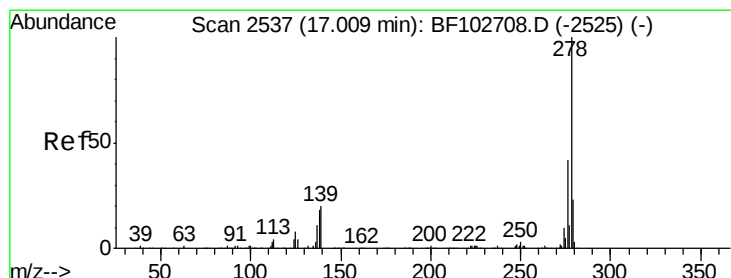
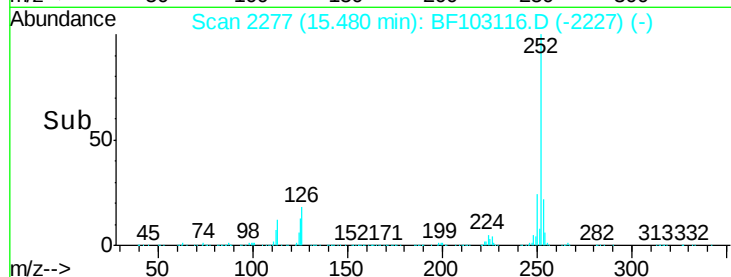
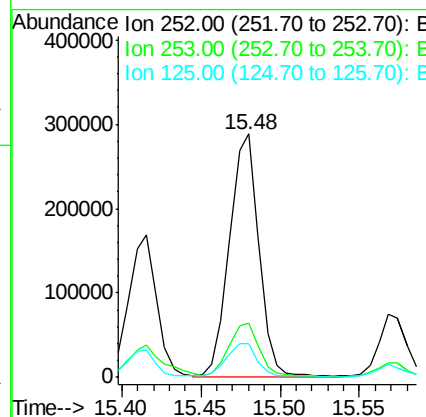
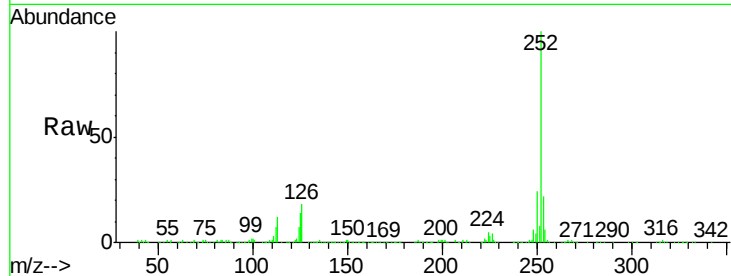




#89
Benzo(a)pyrene
Concen: 21.477 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.01 min
Lab File: BF103116.D
Acq: 20 Feb 2018 11:01

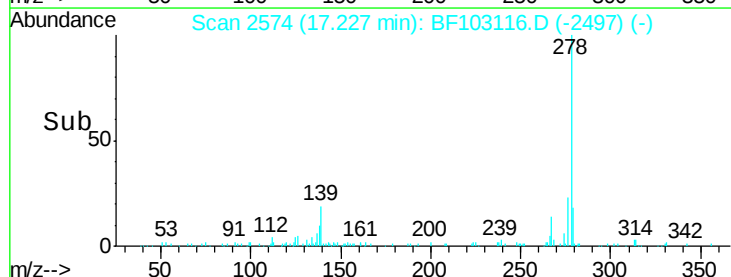
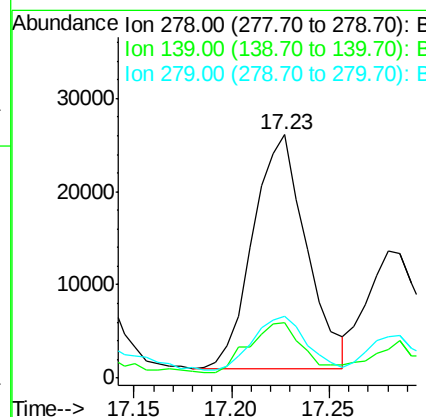
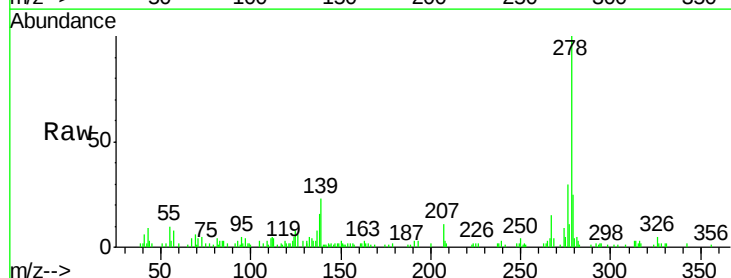
Instrument :
BNA_F
ClientSampled :

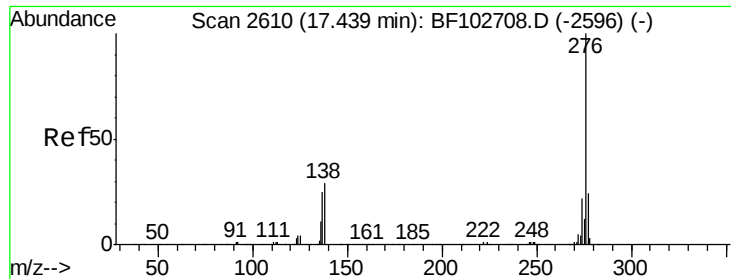
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	13.7	9.8	14.6



#90
Dibenzo(a,h)anthracene
Concen: 3.409 ng
RT: 17.23 min Scan# 2574
Delta R.T. 0.15 min
Lab File: BF103116.D
Acq: 20 Feb 2018 11:01

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.6	15.9	23.9
279	25.2	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 13.331 ng
 RT: 17.50 min Scan# 2621
 Delta R.T. -0.02 min
 Lab File: BF103116.D
 Acq: 20 Feb 2018 11:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	17.9	26.9
138	28.9	21.8	32.8

