

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
 Data File : BF110186.D
 Acq On : 26 Oct 2018 3:02
 Operator : JU/SJ
 Sample : J5626-03MSD 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 26 06:41:01 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	123309	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	458817	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	171492	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	289601	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	219738	20.00	ng	-0.01
87) Perylene-d12	15.68	264	160125	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	41987	5.54	ng	-0.02
7) Phenol-d6	6.58	99	52644	5.44	ng	-0.02
23) Nitrobenzene-d5	7.52	82	28743	3.72	ng	-0.03
42) 2,4,6-Tribromophenol	10.80	330	7217	4.25	ng	-0.02
45) 2-Fluorobiphenyl	9.32	172	54433	4.98	ng	-0.02
79) Terphenyl-d14	13.09	244	47985	4.54	ng	-0.02

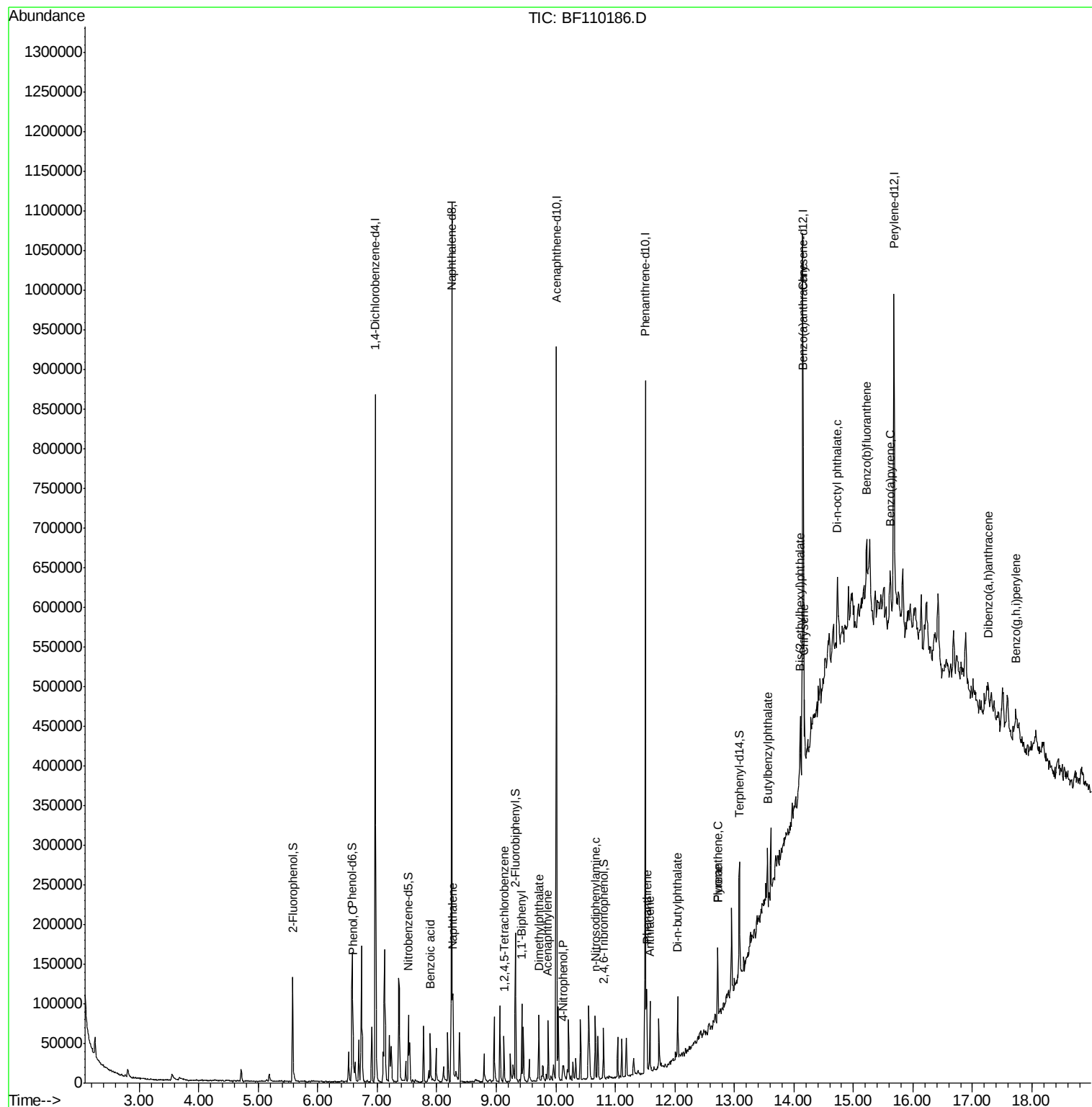
Target Compounds				Qvalue		
10) Phenol	6.59	94	25671	2.480	ng	# 65
31) Naphthalene	8.27	128	42396	2.005	ng	97
32) Benzoic acid	7.89	122	10756	2.209	ng	# 10
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	10759	2.014	ng	95
46) 1,1'-Biphenyl	9.43	154	31160	2.009	ng	98
49) Acenaphthylene	9.87	152	33716	2.052	ng	97
50) Dimethylphthalate	9.72	163	29756	2.351	ng	98
56) 4-Nitrophenol	10.12	139	5638	2.349	ng	88
66) n-Nitrosodiphenylamine	10.66	169	19003	2.001	ng	98
71) Phenanthrene	11.53	178	32858	2.168	ng	100
72) Anthracene	11.58	178	32850	2.163	ng	98
74) Di-n-butylphthalate	12.05	149	37700	2.251	ng	100
75) Fluoranthene	12.72	202	35971	2.339	ng	96
78) Pyrene	12.72	202	35971	2.283	ng	97
80) Butylbenzylphthalate	13.56	149	15992	2.339	ng	95
81) Benzo(a)anthracene	14.14	228	27784	2.132	ng	# 86
83) Chrysene	14.17	228	27966	2.260	ng	94
84) Bis(2-ethylhexyl)phthalate	14.11	149	21037	2.276	ng	# 86
85) Di-n-octyl phthalate	14.73	149	31947	2.223	ng	# 61
88) Benzo(b)fluoranthene	15.22	252	22175	2.398	ng	# 62
90) Benzo(a)pyrene	15.62	252	19003	2.233	ng	# 55
91) Dibenzo(a,h)anthracene	17.27	278	15996	2.179	ng	# 69
92) Benzo(g,h,i)perylene	17.73	276	14717	2.034	ng	# 74

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
Data File : BF110186.D
Acq On : 26 Oct 2018 3:02
Operator : JU/SJ
Sample : J5626-03MSD 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 26 06:41:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 23 15:06:18 2018
Response via : Initial Calibration



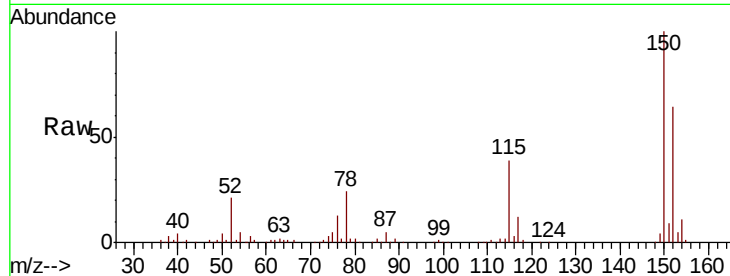


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	122.7	184.1
115	61.3	49.1	73.7

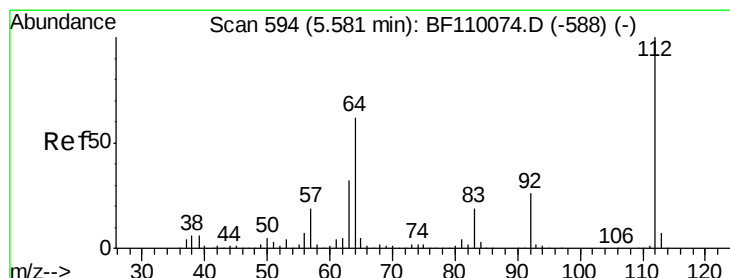
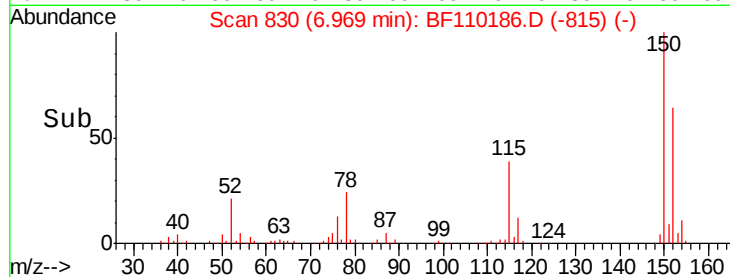
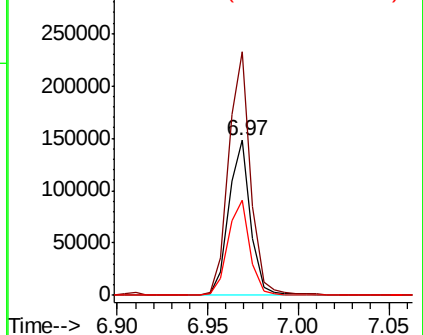


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

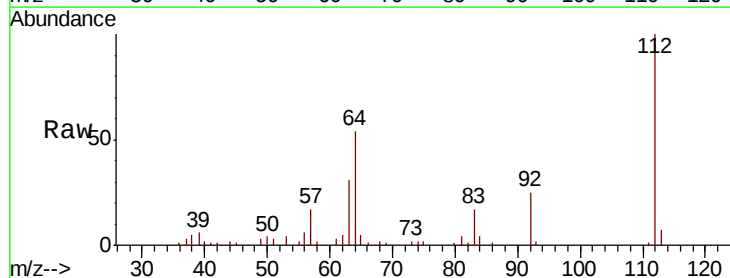
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 5.545 ng
RT: 5.58 min Scan# 594
Delta R.T. -0.02 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.3	44.1	66.1
63	31.1	23.7	35.5

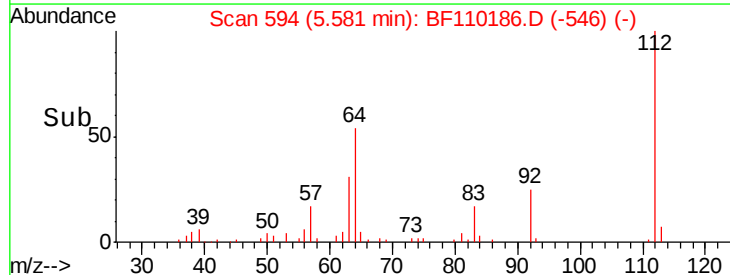
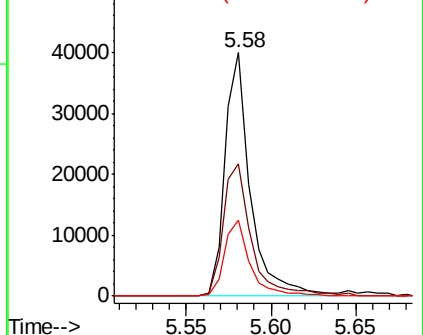


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 5.435 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF110186.D

Acq: 26 Oct 2018 3:02

Instrument :

BNA_F

ClientSampleId :

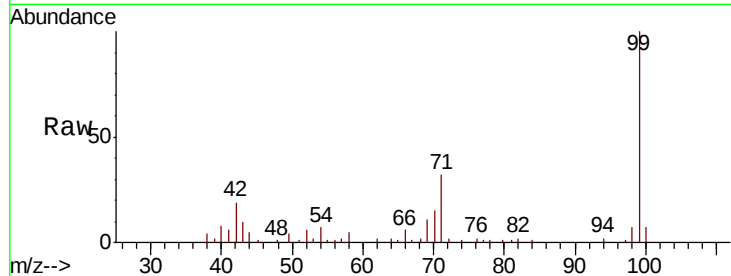
Tot Ion: 99 Resp: 52644

Ion Ratio Lower Upper

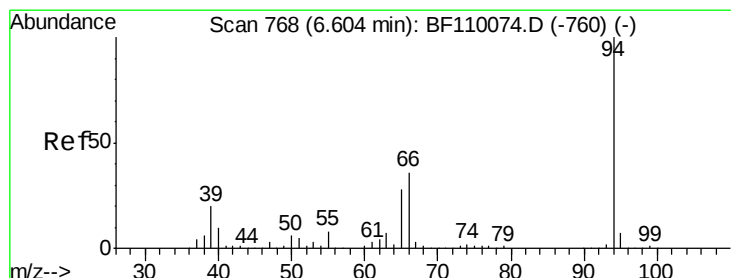
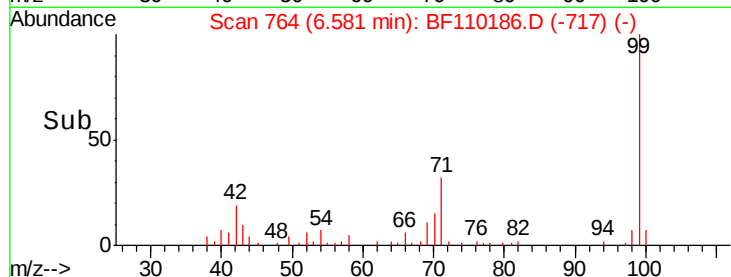
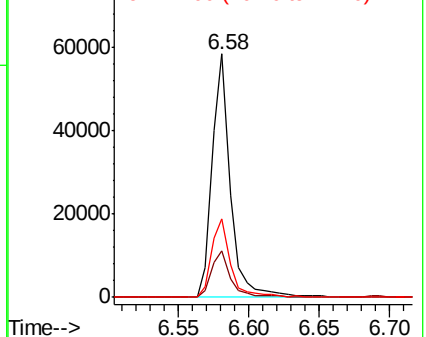
99 100

42 19.2 15.8 23.6

71 32.2 28.0 42.0



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: 2.480 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.02 min

Lab File: BF110186.D

Acq: 26 Oct 2018 3:02

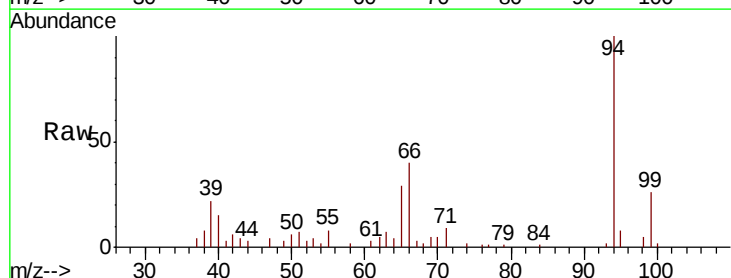
Tgt Ion: 94 Resp: 25671

Ion Ratio Lower Upper

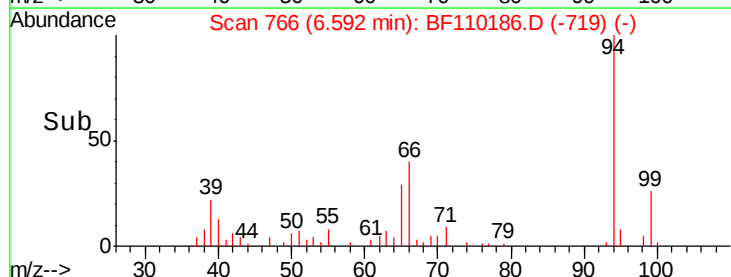
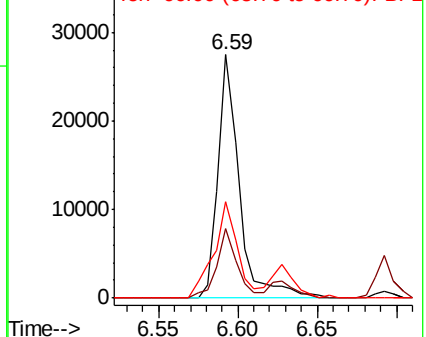
94 100

65 28.6 25.3 65.3

66 39.6 54.5 94.5#



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: 8.25 min Scan# 1048

Delta R.T. -0.02 min

Lab File: BF110186.D

Acq: 26 Oct 2018 3:02

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 458817

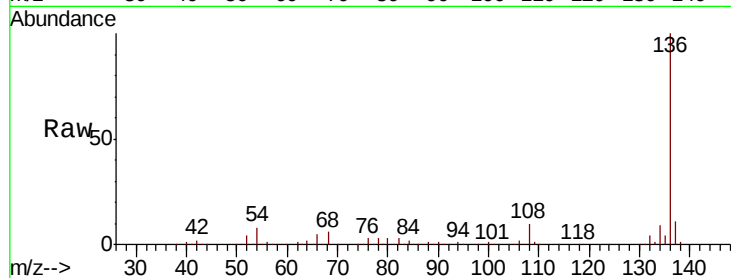
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 7.8 5.4 8.2

68 5.6 4.2 6.2

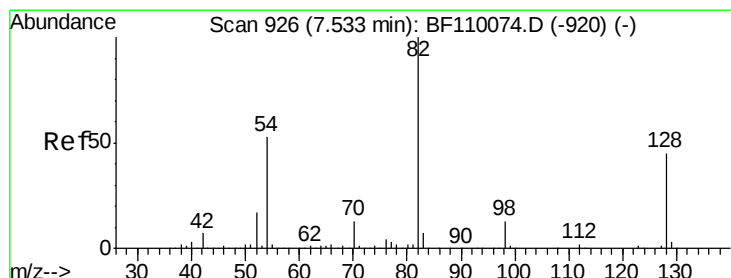
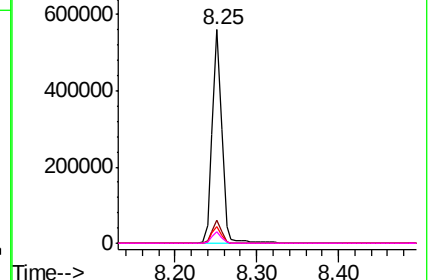
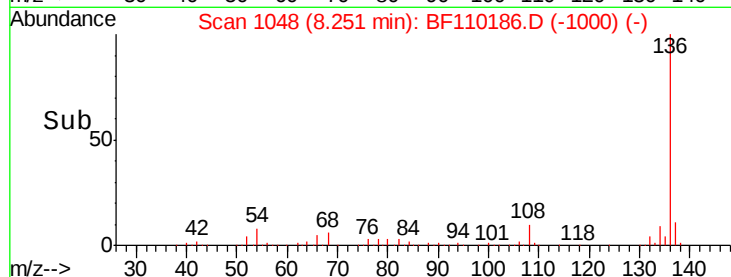


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.716 ng

RT: 7.52 min Scan# 924

Delta R.T. -0.03 min

Lab File: BF110186.D

Acq: 26 Oct 2018 3:02

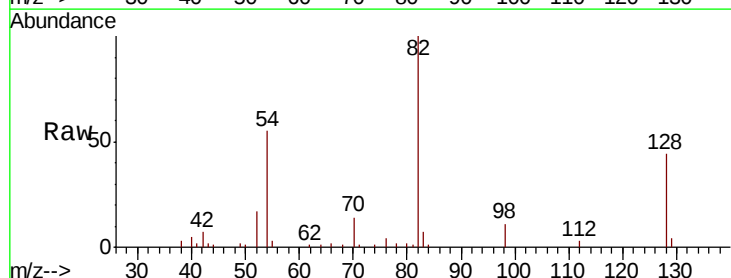
Tgt Ion: 82 Resp: 28743

Ion Ratio Lower Upper

82 100

128 44.1 34.2 51.2

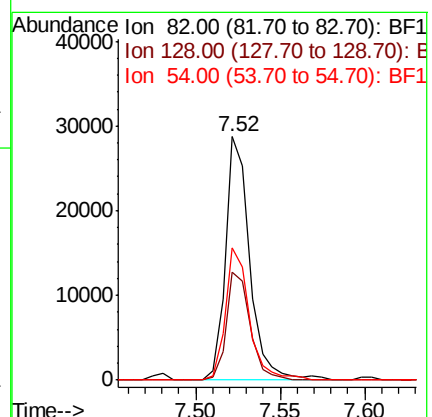
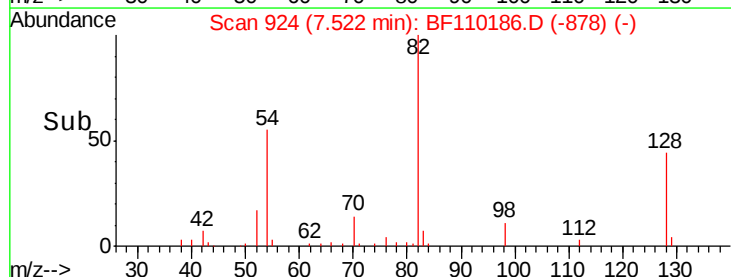
54 54.6 38.6 58.0

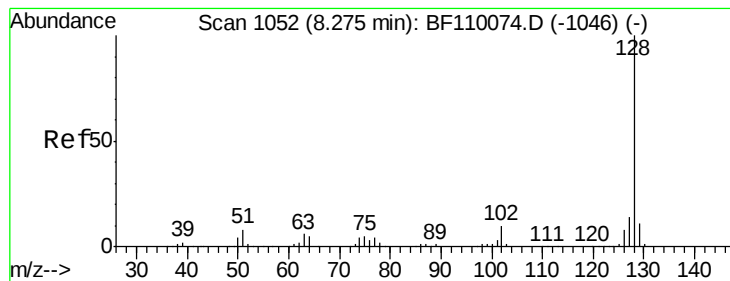


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#31

Naphthalene

Concen: 2.005 ng

RT: 8.27 min Scan# 1052

Delta R.T. -0.02 min

Lab File: BF110186.D

Acq: 26 Oct 2018 3:02

Instrument :

BNA_F

ClientSampleId :

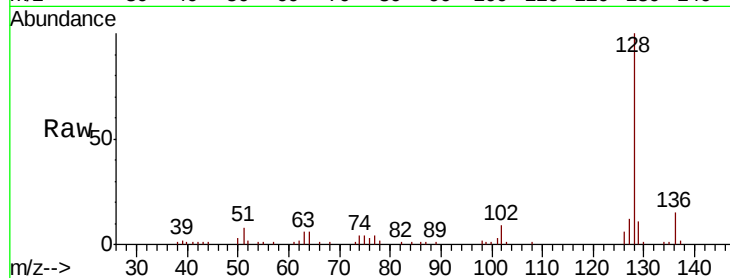
Tot Ion:128 Resp: 42396

Ion Ratio Lower Upper

128 100

129 10.6 8.8 13.2

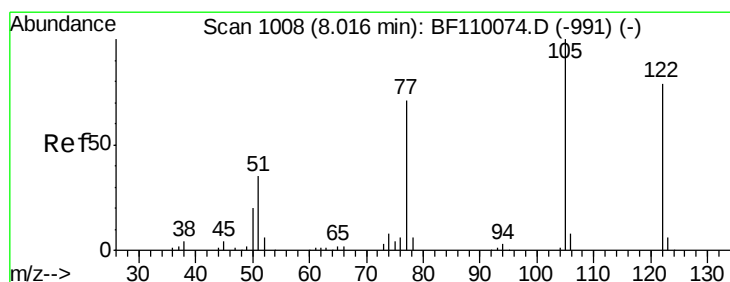
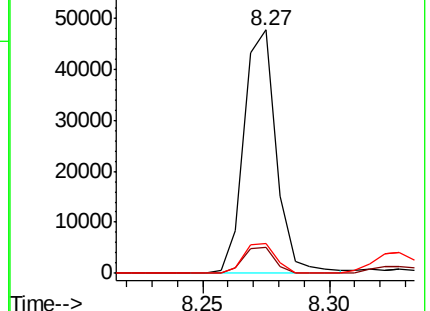
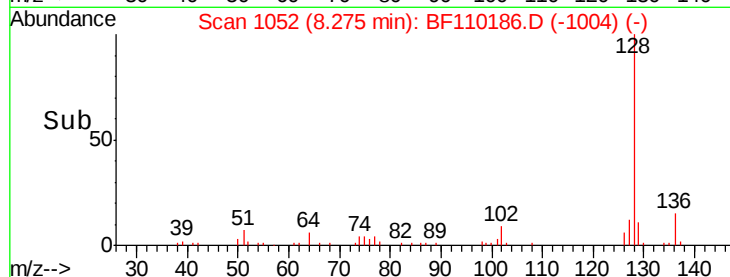
127 12.1 10.8 16.2



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



#32

Benzoic acid

Concen: 2.209 ng

RT: 7.89 min Scan# 987

Delta R.T. -0.12 min

Lab File: BF110186.D

Acq: 26 Oct 2018 3:02

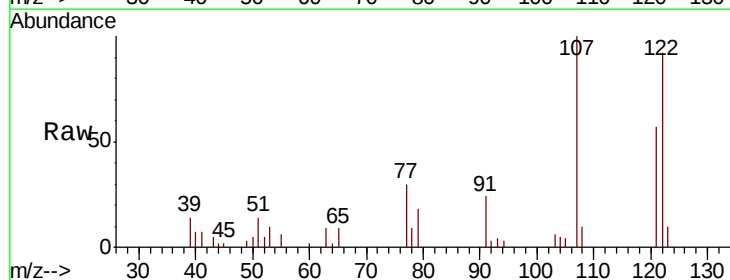
Tgt Ion:122 Resp: 10756

Ion Ratio Lower Upper

122 100

105 4.6 109.0 149.0#

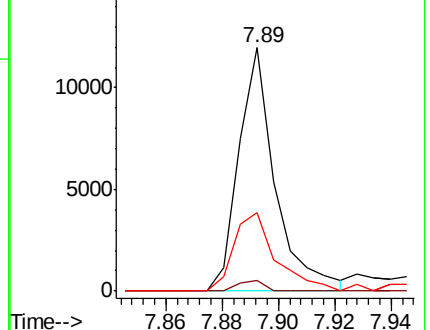
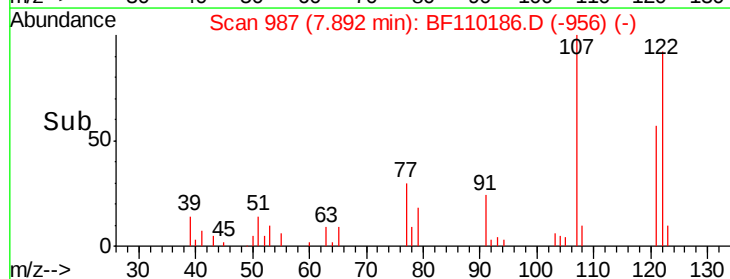
77 32.3 79.0 119.0#

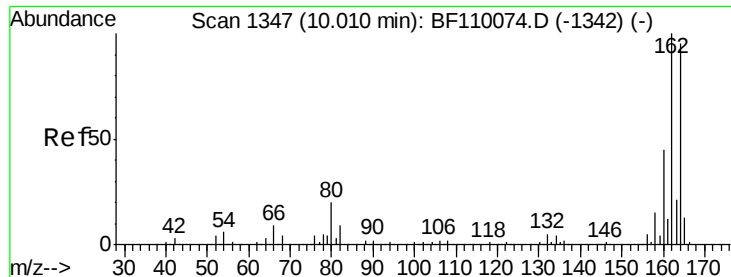


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.02 min

Lab File: BF110186.D

Acq: 26 Oct 2018 3:02

Instrument :

BNA_F

ClientSampleId :

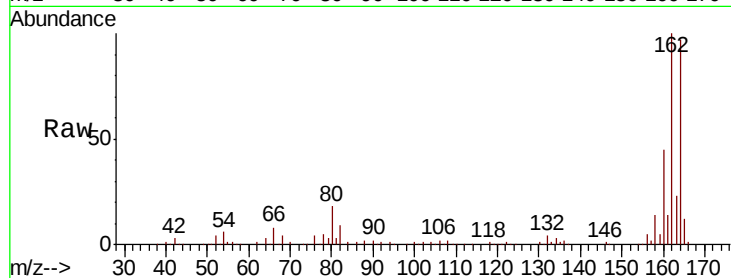
Tot Ion:164 Resp: 171492

Ion Ratio Lower Upper

164 100

162 103.2 83.0 124.6

160 46.2 37.0 55.6

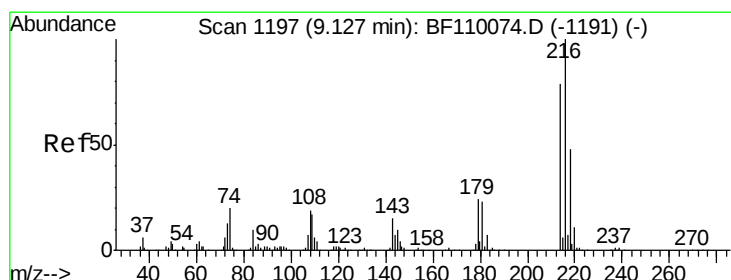
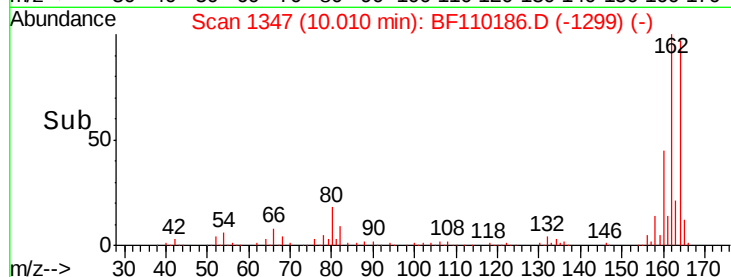
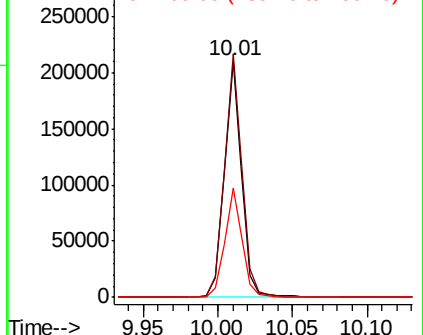


Abundance

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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 2.014 ng

RT: 9.13 min Scan# 1197

Delta R.T. -0.02 min

Lab File: BF110186.D

Acq: 26 Oct 2018 3:02

Tgt Ion:216 Resp: 10759

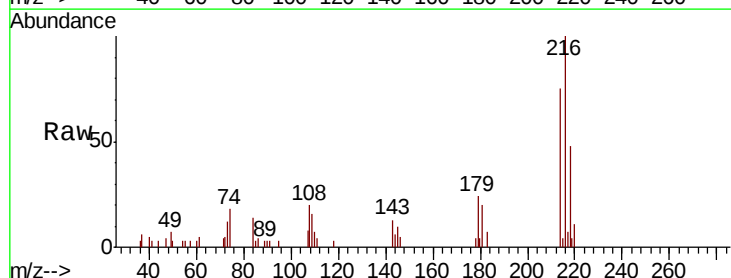
Ion Ratio Lower Upper

216 100

214 73.6 63.8 95.6

179 20.9 16.6 25.0

108 16.9 15.1 22.7



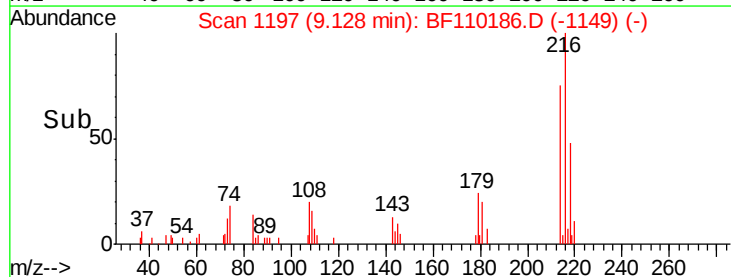
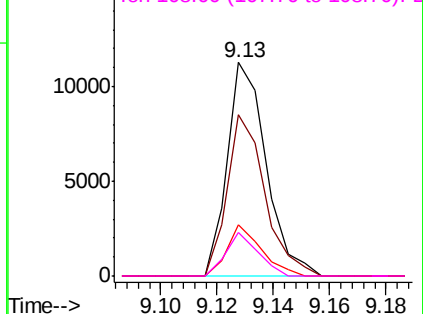
Abundance

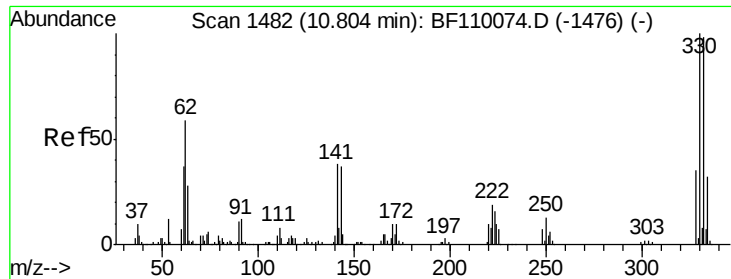
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

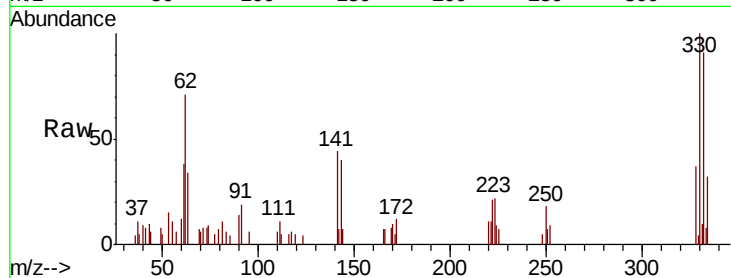




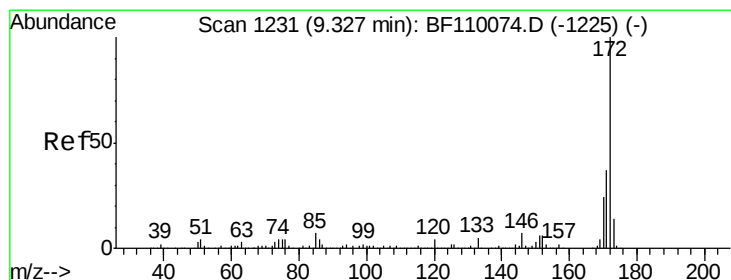
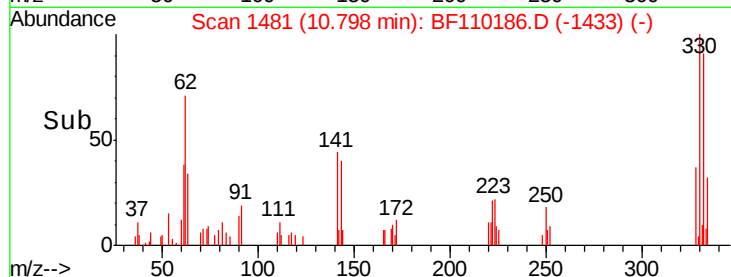
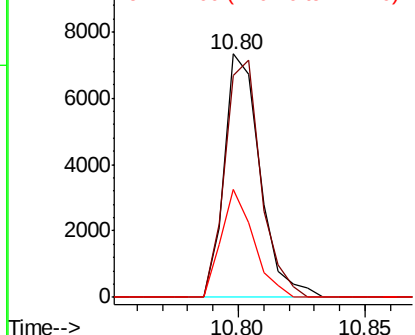
#42
 2,4,6-Tribromophenol
 Concen: 4.248 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.02 min
 Lab File: BF110186.D
 Acq: 26 Oct 2018 3:02

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 7217
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.1 115.7
 141 39.9 27.0 40.4

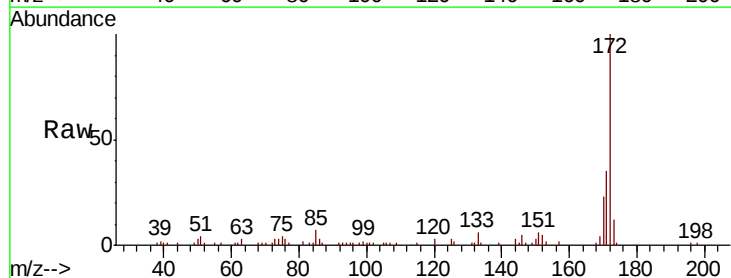


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

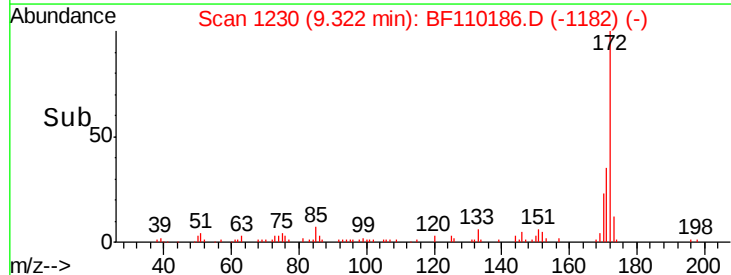
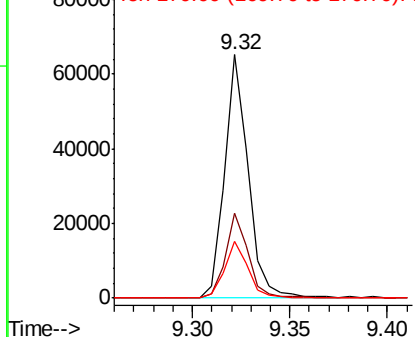


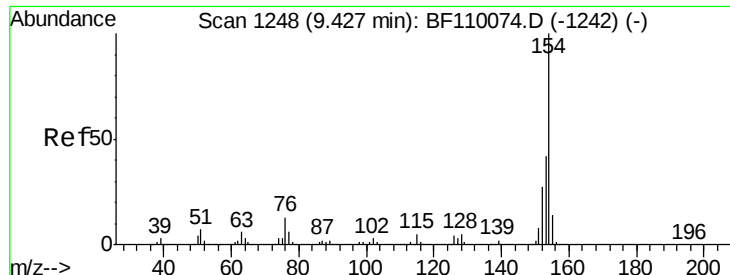
#45
 2-Fluorobiphenyl
 Concen: 4.984 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.02 min
 Lab File: BF110186.D
 Acq: 26 Oct 2018 3:02

Tgt Ion:172 Resp: 54433
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.6 43.0
 170 23.4 19.7 29.5



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

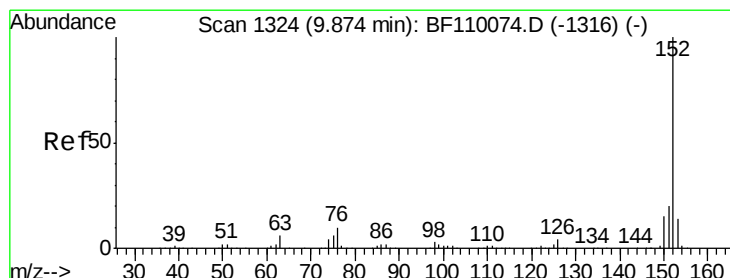
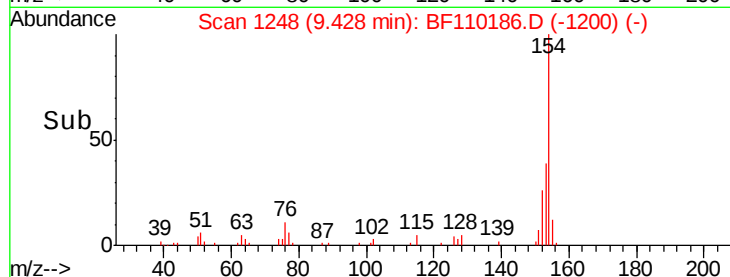
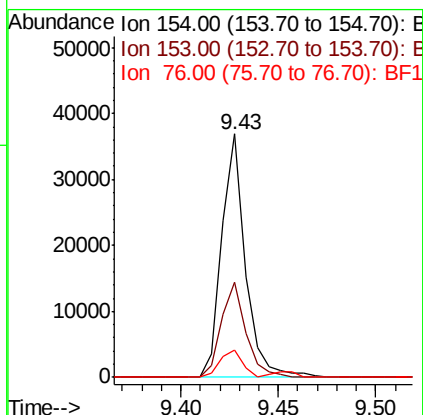
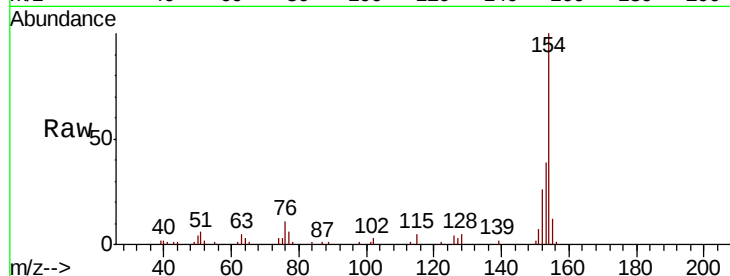




#46
 1,1'-Biphenyl
 Concen: 2.009 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. -0.02 min
 Lab File: BF110186.D
 Acq: 26 Oct 2018 3:02

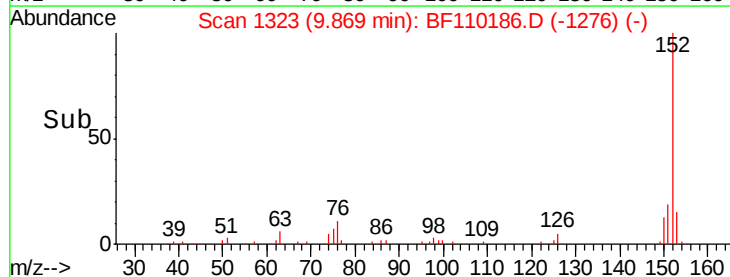
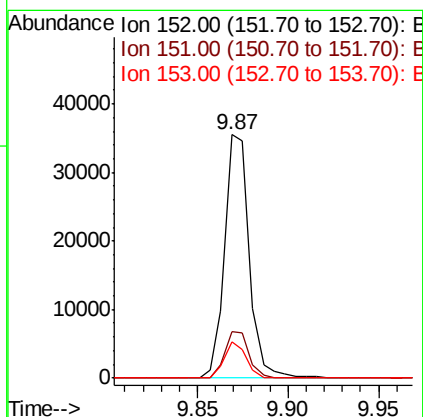
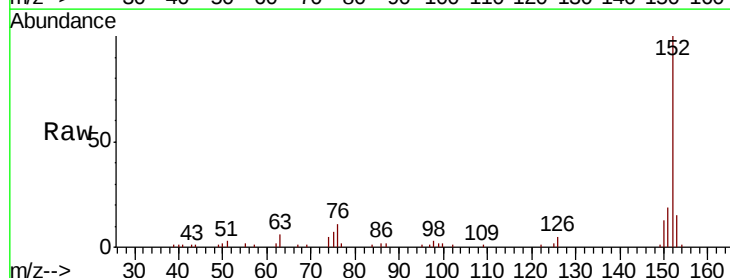
Instrument :
 BNA_F
 ClientSampled :

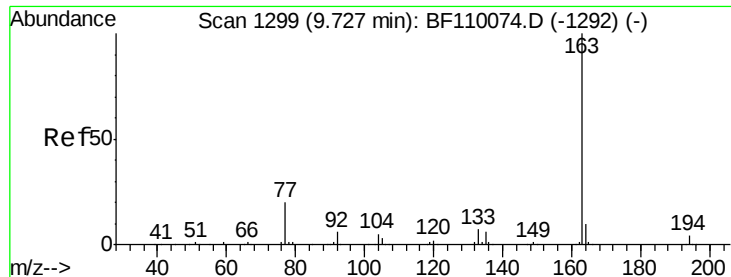
Tot Ion:	154	Resp:	31160
Ion	Ratio	Lower	Upper
154	100		
153	39.1	20.4	60.4
76	11.4	0.0	31.9



#49
 Acenaphthylene
 Concen: 2.052 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF110186.D
 Acq: 26 Oct 2018 3:02

Tgt Ion:	152	Resp:	33716
Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.8	23.8
153	15.0	10.4	15.6

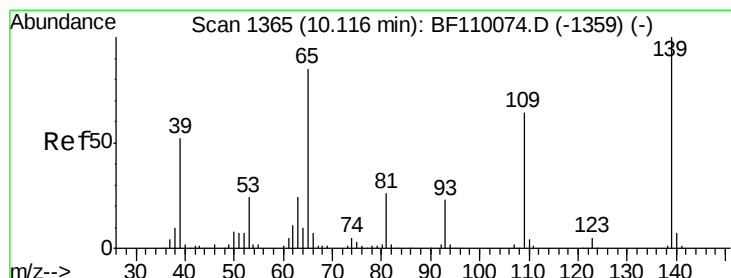
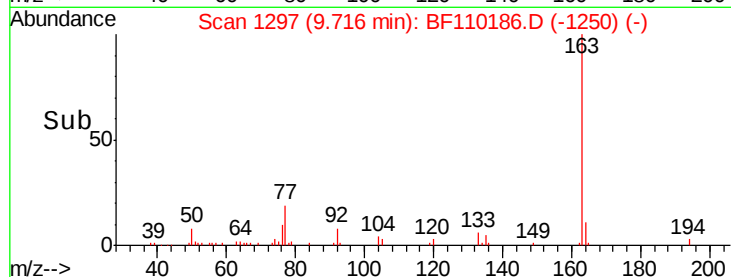
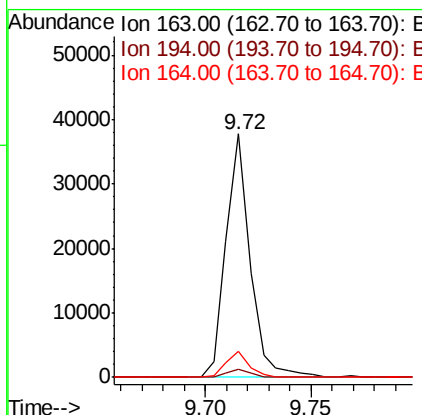
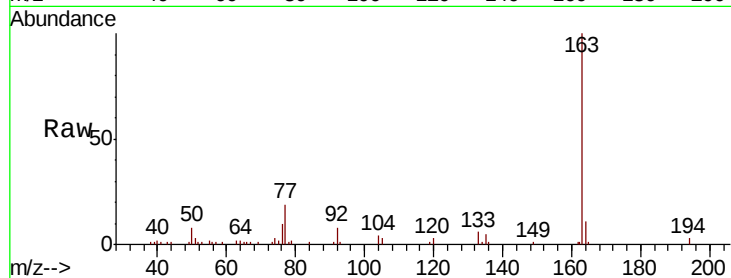




#50
Dimethylphthalate
Concen: 2.351 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

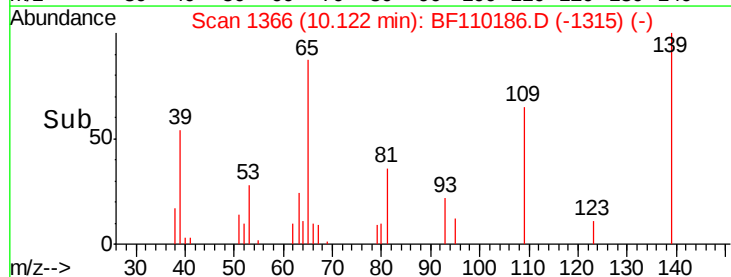
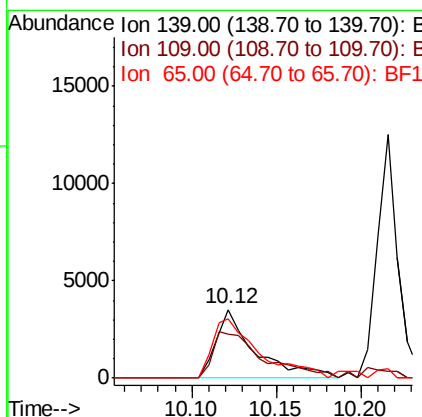
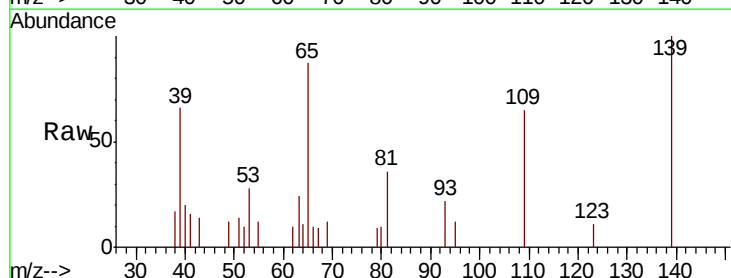
Instrument :
BNA_F
ClientSampled :

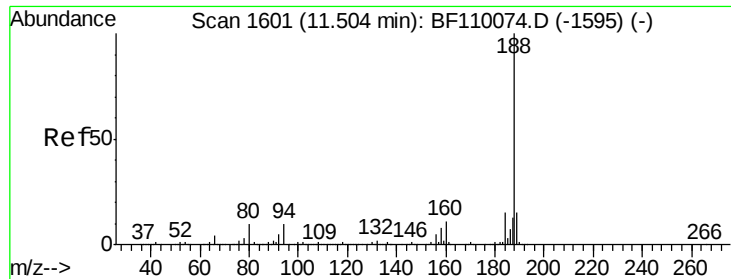
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.2	4.8
164	10.8	8.1	12.1



#56
4-Nitrophenol
Concen: 2.349 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.9	55.8	95.8
65	86.6	77.9	117.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1601

Delta R.T. -0.01 min

Lab File: BF110186.D

Acq: 26 Oct 2018 3:02

Instrument :

BNA_F

ClientSampleId :

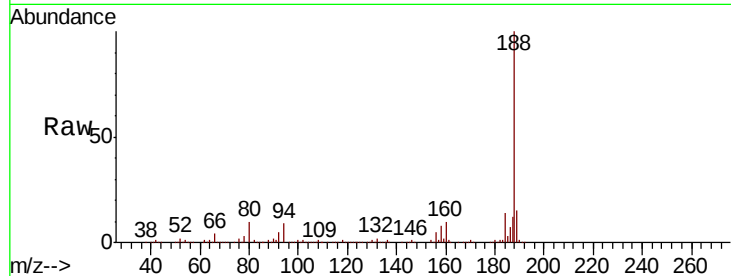
Tot Ion:188 Resp: 289601

Ion Ratio Lower Upper

188 100

94 9.2 7.2 10.8

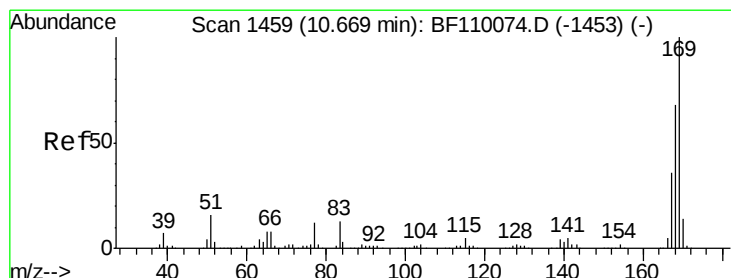
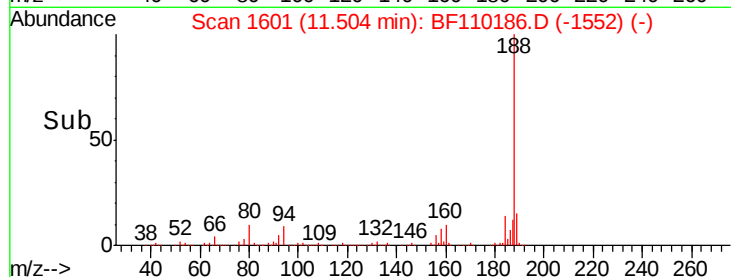
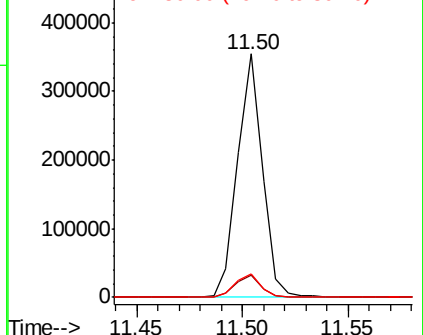
80 9.7 7.9 11.9



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



#66

n-Nitrosodiphenylamine

Concen: 2.001 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BF110186.D

Acq: 26 Oct 2018 3:02

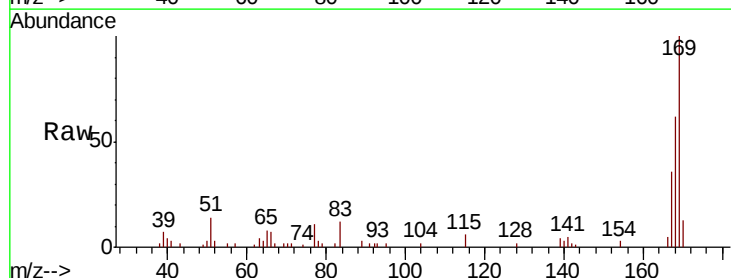
Tgt Ion:169 Resp: 19003

Ion Ratio Lower Upper

169 100

168 62.4 51.2 76.8

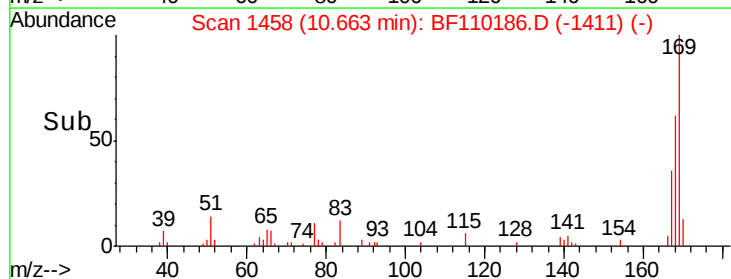
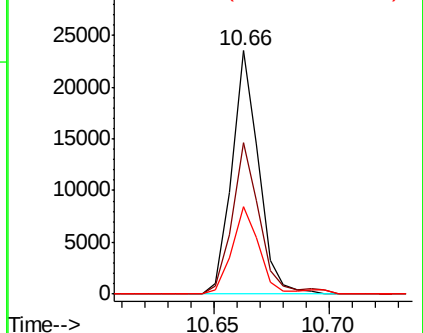
167 36.1 27.8 41.6

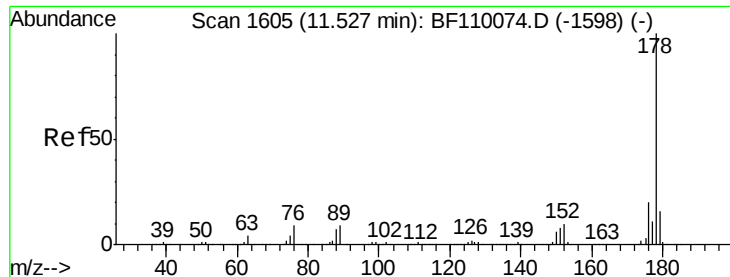


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

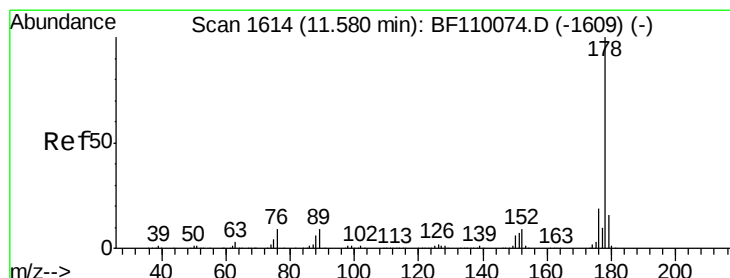
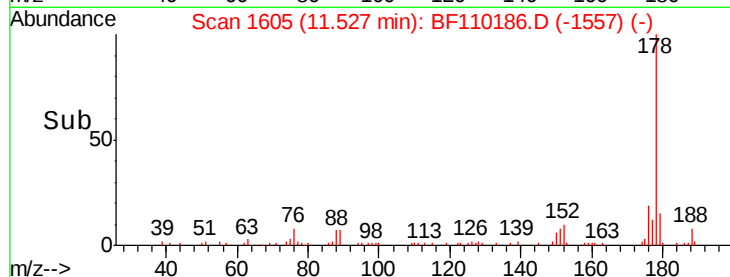
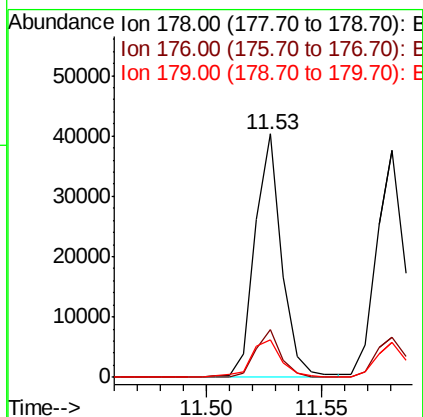
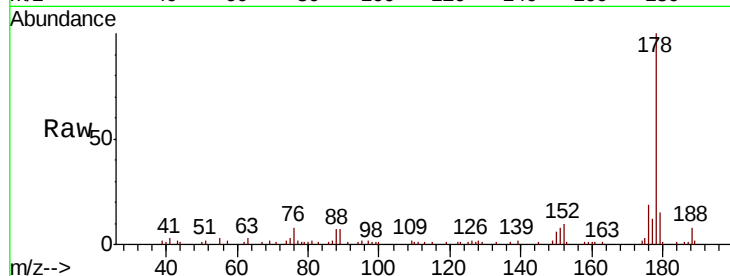




#71
Phenanthrene
Concen: 2.168 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.02 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

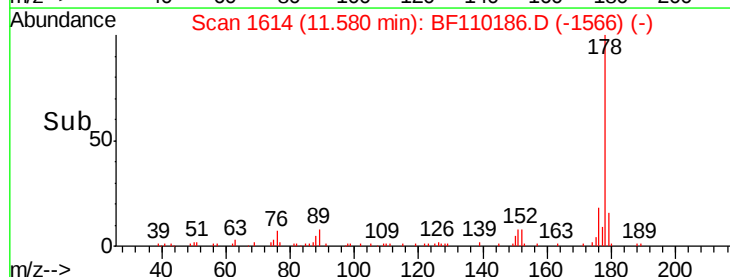
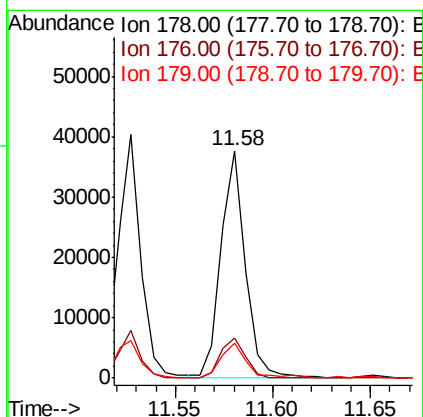
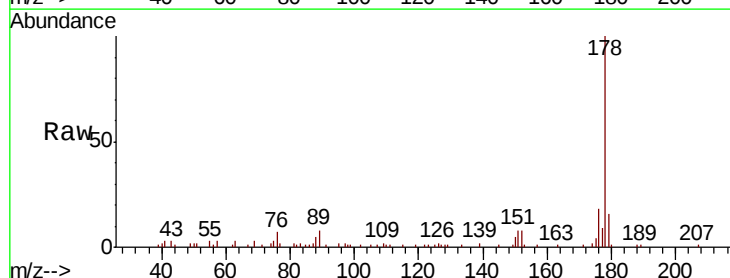
Instrument :
BNA_F
ClientSampled :

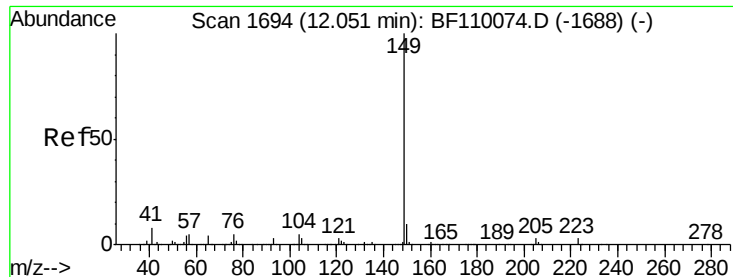
Tot Ion:178 Resp: 32858
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.5 12.5 18.7



#72
Anthracene
Concen: 2.163 ng
RT: 11.58 min Scan# 1614
Delta R.T. -0.02 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

Tgt Ion:178 Resp: 32850
Ion Ratio Lower Upper
178 100
176 17.8 15.4 23.2
179 15.5 12.6 18.8





#74

Di-n-butylphthalate

Concen: 2.251 ng

RT: 12.05 min Scan# 1694

Delta R.T. -0.02 min

Lab File: BF110186.D

Acq: 26 Oct 2018 3:02

Instrument :

BNA_F

ClientSampleId :

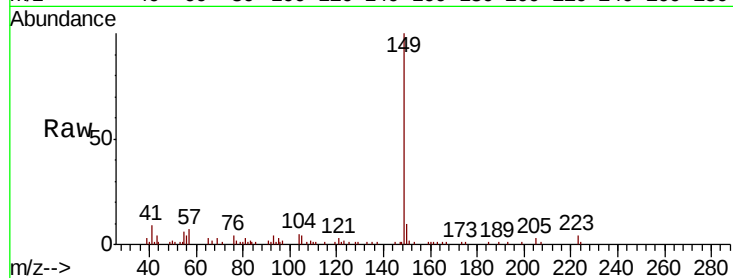
Tot Ion:149 Resp: 37700

Ion Ratio Lower Upper

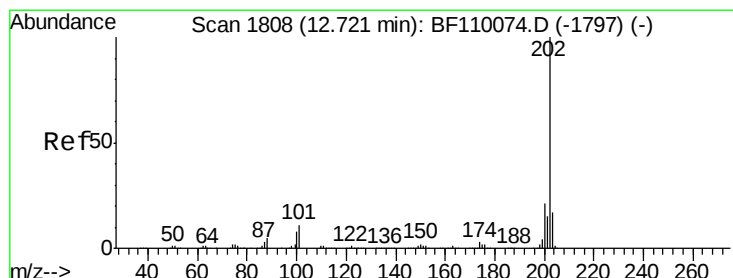
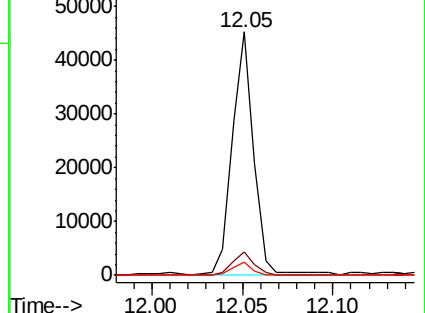
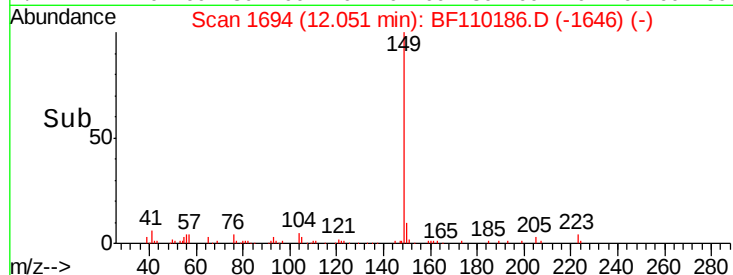
149 100

150 9.5 7.7 11.5

104 5.3 4.2 6.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 2.339 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF110186.D

Acq: 26 Oct 2018 3:02

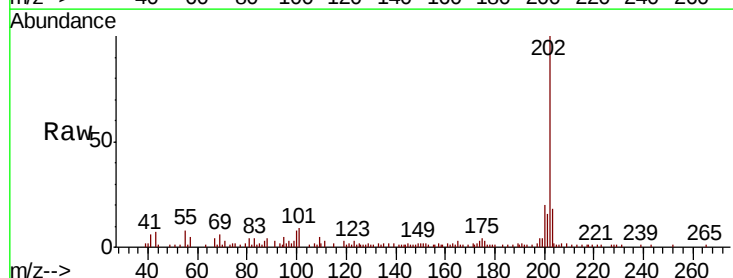
Tgt Ion:202 Resp: 35971

Ion Ratio Lower Upper

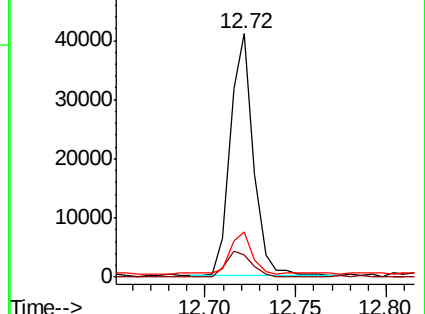
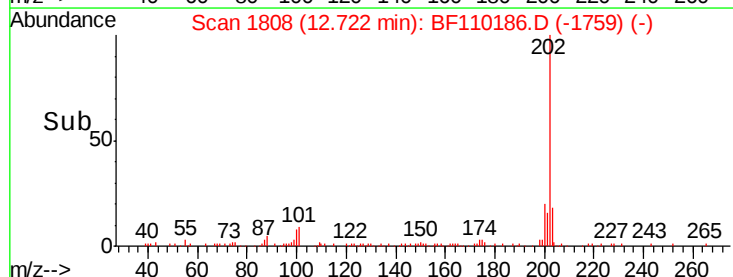
202 100

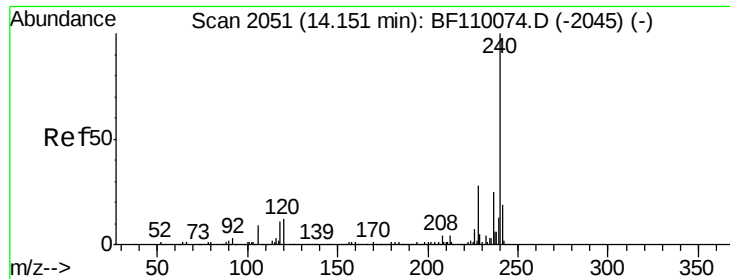
101 8.9 0.0 31.4

203 18.4 0.0 37.7



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

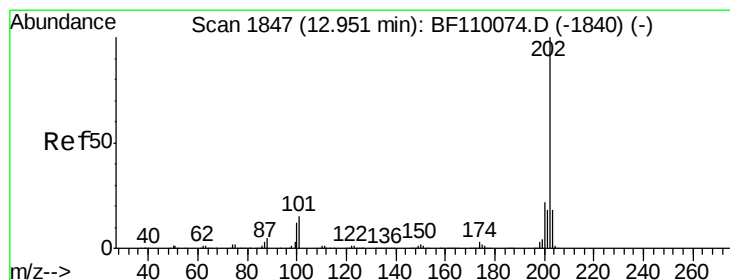
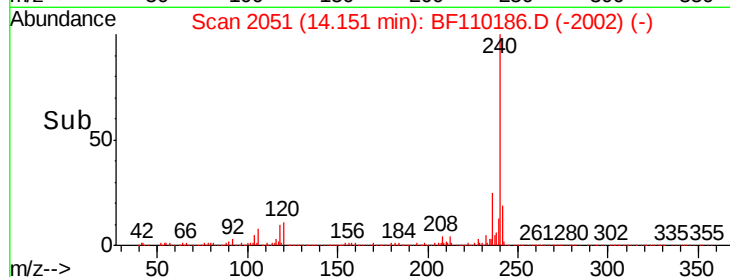
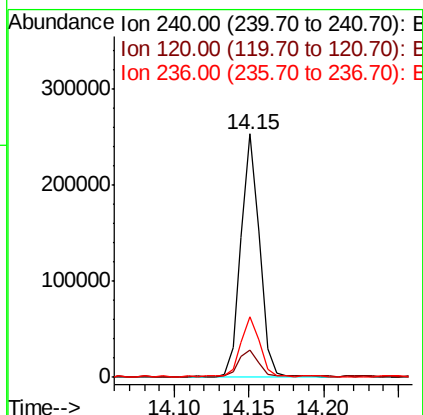
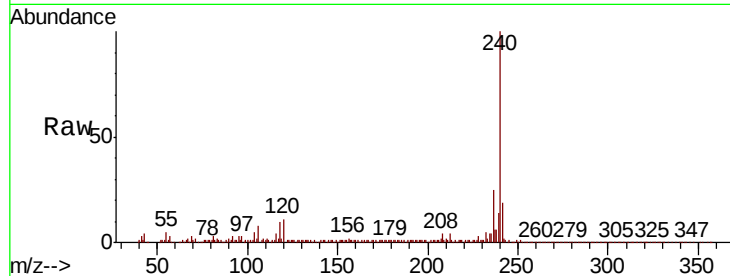




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

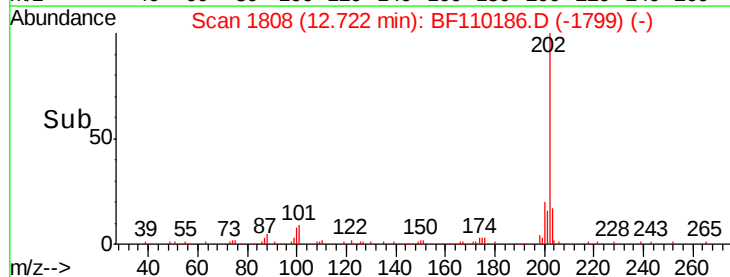
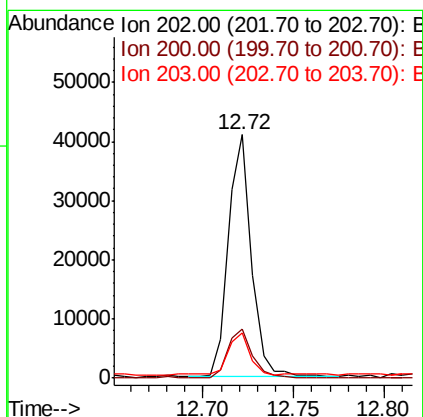
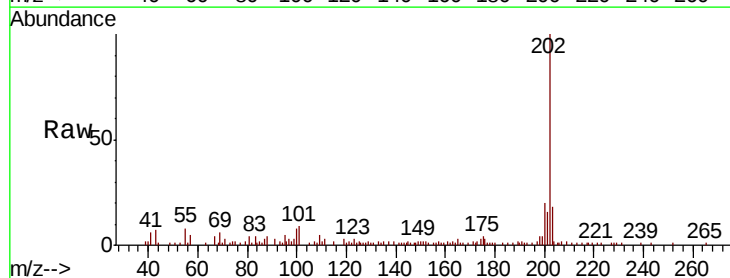
Instrument :
BNA_F
ClientSampleId :

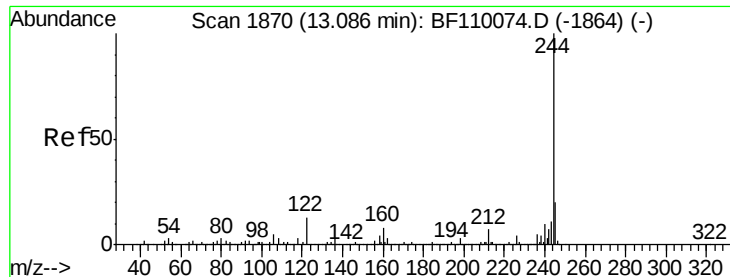
Tot Ion:240 Resp: 219738
Ion Ratio Lower Upper
240 100
120 11.2 8.3 12.5
236 25.0 21.2 31.8



#78
Pyrene
Concen: 2.283 ng
RT: 12.72 min Scan# 1808
Delta R.T. -0.25 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

Tgt Ion:202 Resp: 35971
Ion Ratio Lower Upper
202 100
200 20.0 17.8 26.6
203 18.4 14.2 21.4





#79

Terphenyl-d14

Concen: 4.542 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BF110186.D

Acq: 26 Oct 2018 3:02

Instrument :

BNA_F

ClientSampleId :

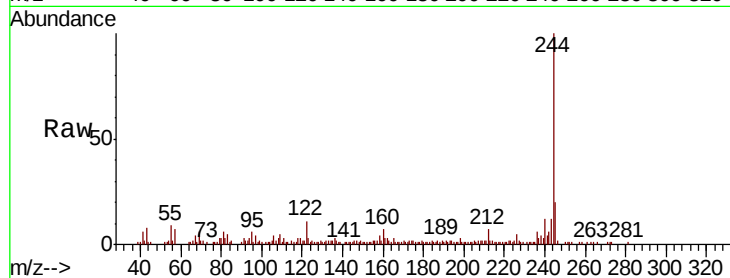
Tot Ion:244 Resp: 47985

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

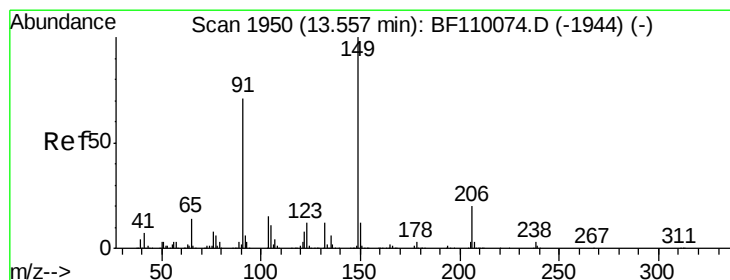
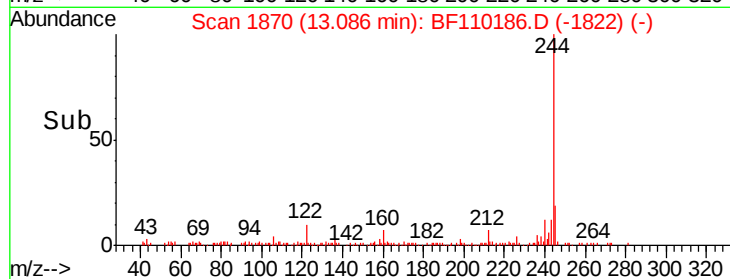
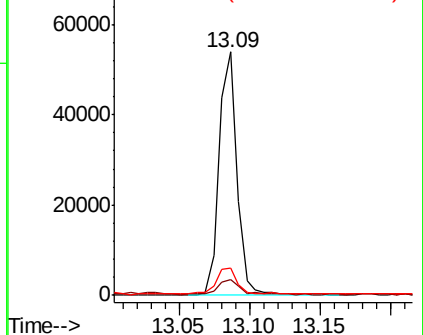
122 11.0 8.7 13.1



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

Butylbenzylphthalate

Concen: 2.339 ng

RT: 13.56 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BF110186.D

Acq: 26 Oct 2018 3:02

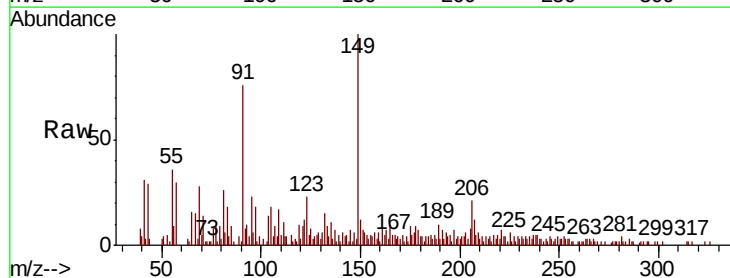
Tgt Ion:149 Resp: 15992

Ion Ratio Lower Upper

149 100

91 76.1 57.2 85.8

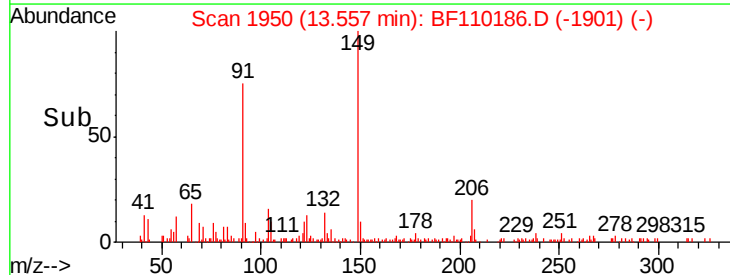
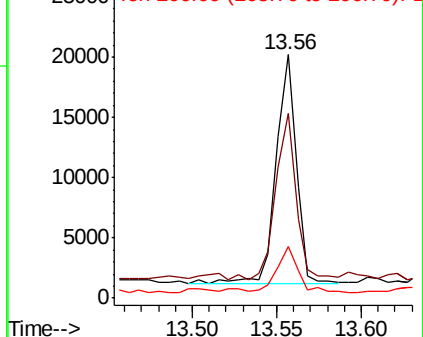
206 21.1 15.7 23.5

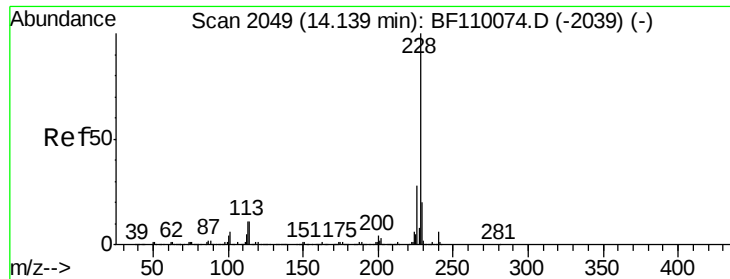


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

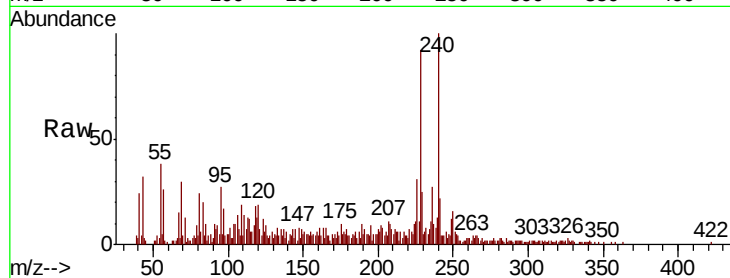




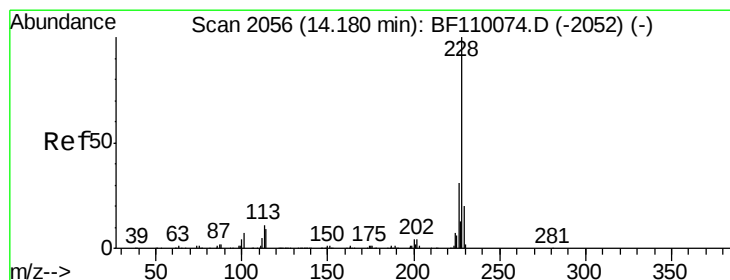
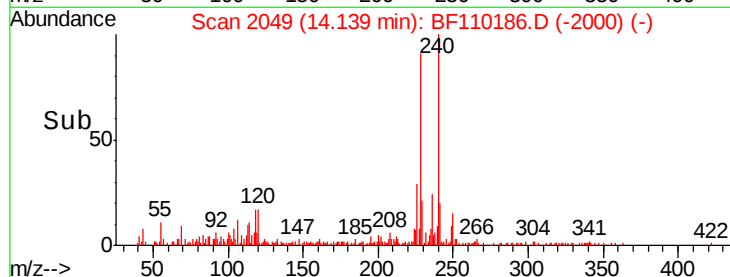
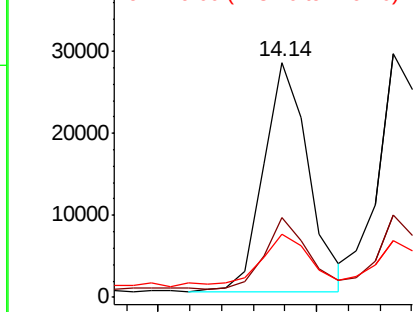
#81
Benzo(a)anthracene
Concen: 2.132 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 27784
Ion Ratio Lower Upper
228 100
226 33.8 22.1 33.1#
229 27.1 15.6 23.4#

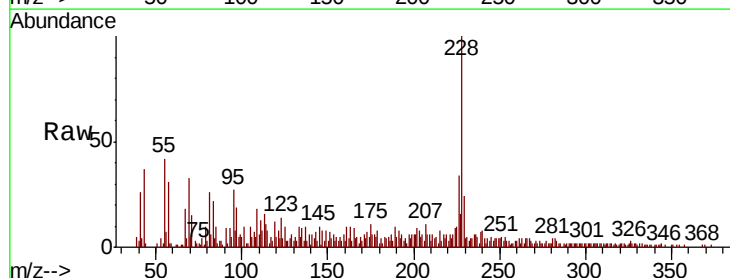


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

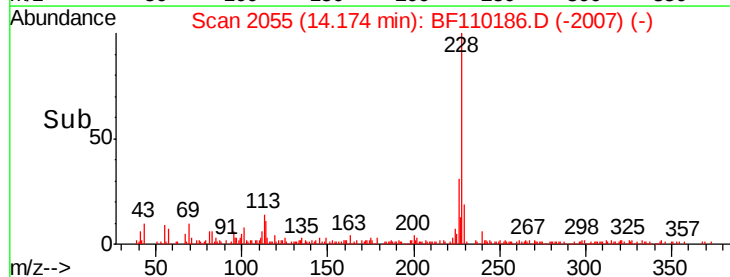
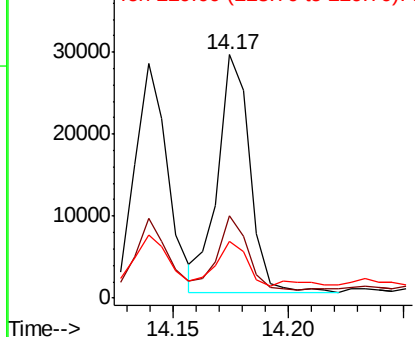


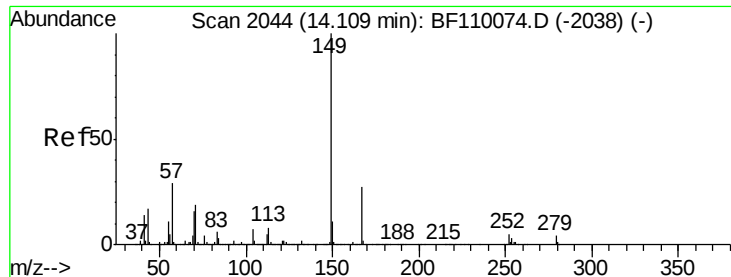
#83
Chrysene
Concen: 2.260 ng
RT: 14.17 min Scan# 2055
Delta R.T. -0.02 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

Tgt Ion:228 Resp: 27966
Ion Ratio Lower Upper
228 100
226 33.6 24.7 37.1
229 23.5 15.9 23.9



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

Bis(2-ethylhexyl)phthalate

Concen: 2.276 ng

RT: 14.11 min Scan# 2044

Delta R.T. -0.02 min

Lab File: BF110186.D

Acq: 26 Oct 2018 3:02

Instrument :

BNA_F

ClientSampleId :

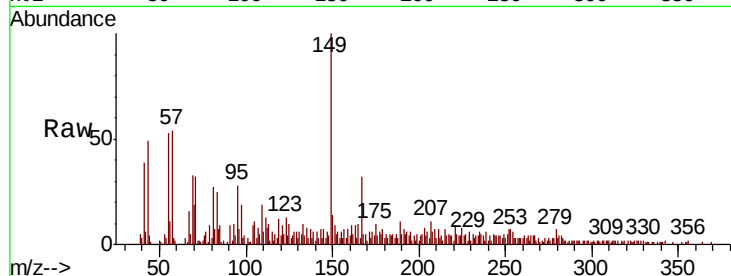
Tot Ion:149 Resp: 21037

Ion Ratio Lower Upper

149 100

167 32.0 19.8 29.8#

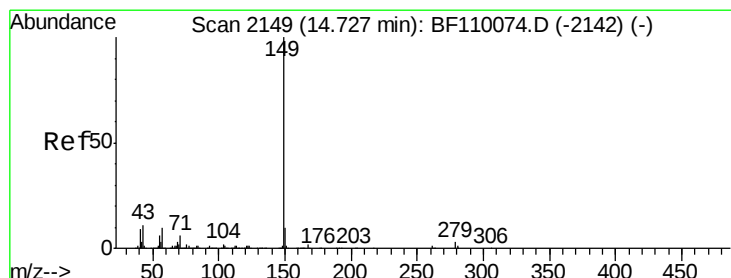
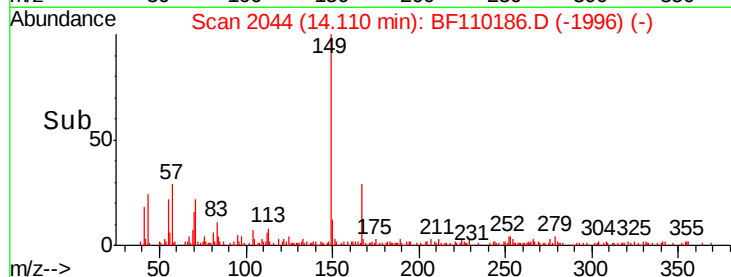
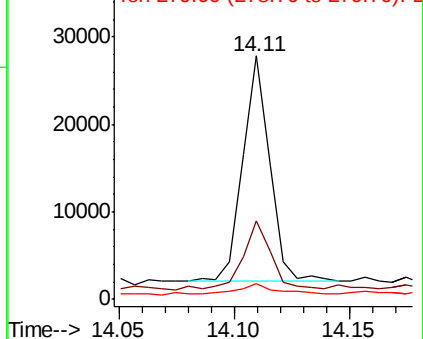
279 6.6 2.7 4.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 2.223 ng

RT: 14.73 min Scan# 2149

Delta R.T. -0.02 min

Lab File: BF110186.D

Acq: 26 Oct 2018 3:02

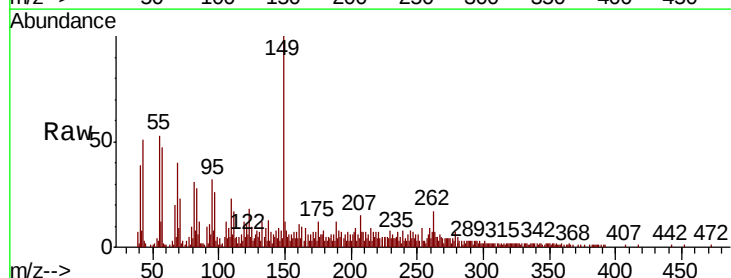
Tgt Ion:149 Resp: 31947

Ion Ratio Lower Upper

149 100

167 4.5 1.1 1.7#

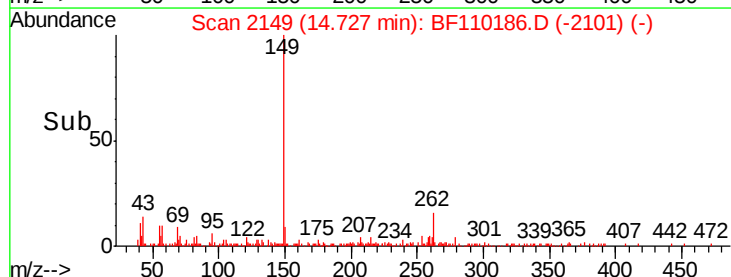
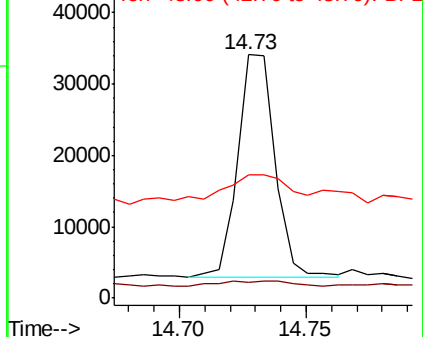
43 25.9 7.8 11.8#

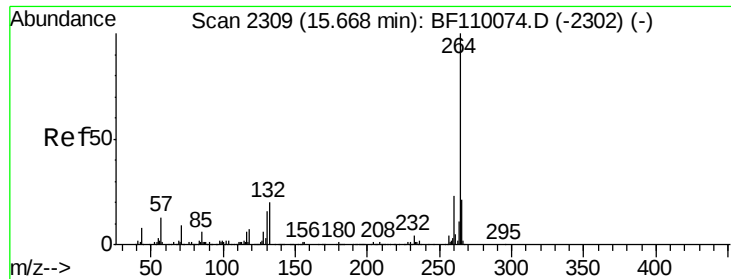


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

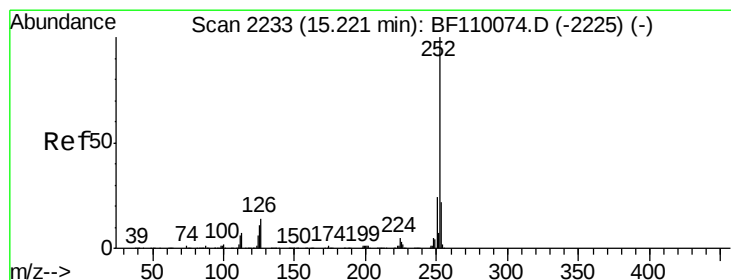
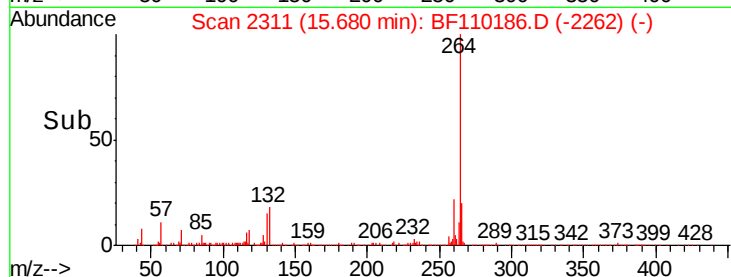
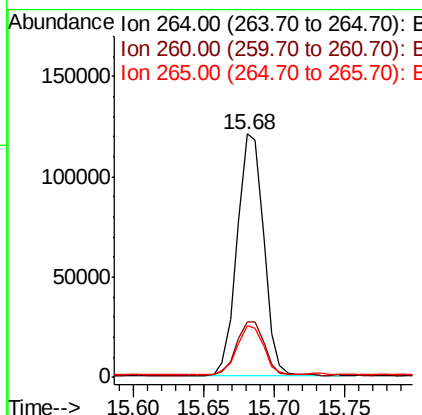
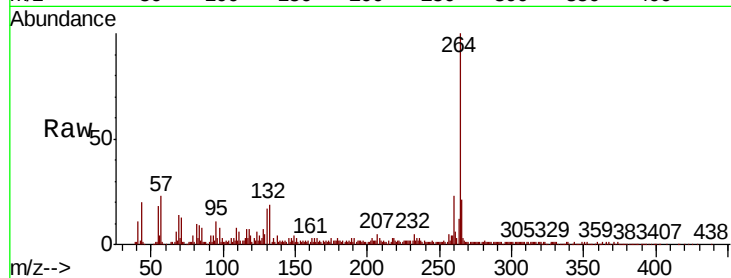




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

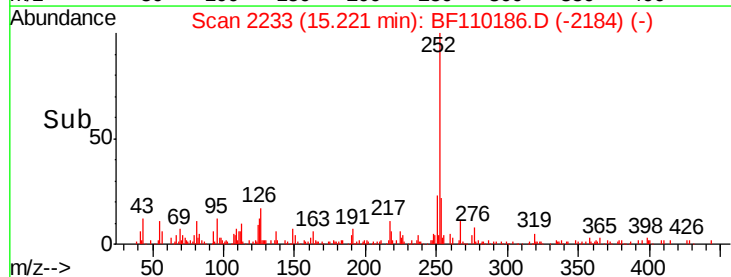
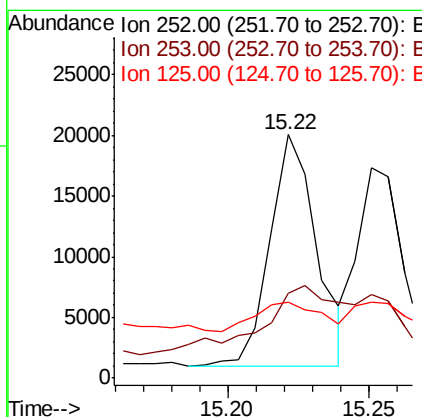
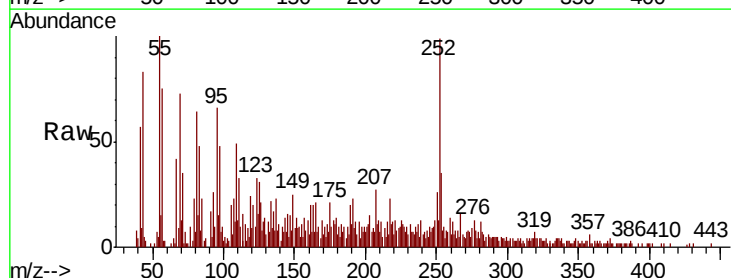
Instrument :
BNA_F
ClientSampleId :

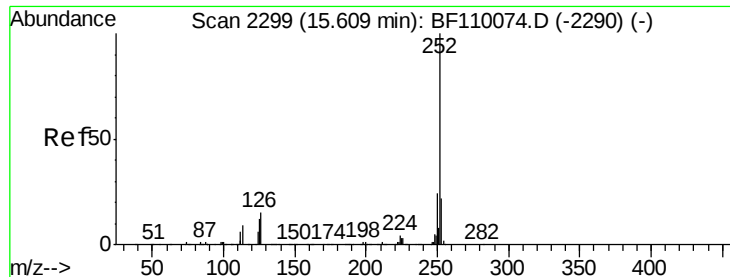
Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.7	28.1
265	21.4	16.7	25.1



#88
Benzo(b)fluoranthene
Concen: 2.398 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	35.0	17.2	25.8#
125	31.3	8.2	12.4#





#90

Benzo(a)pyrene

Concen: 2.233 ng

RT: 15.62 min Scan# 2300

Delta R.T. -0.01 min

Lab File: BF110186.D

Acq: 26 Oct 2018 3:02

Instrument :

BNA_F

ClientSampleId :

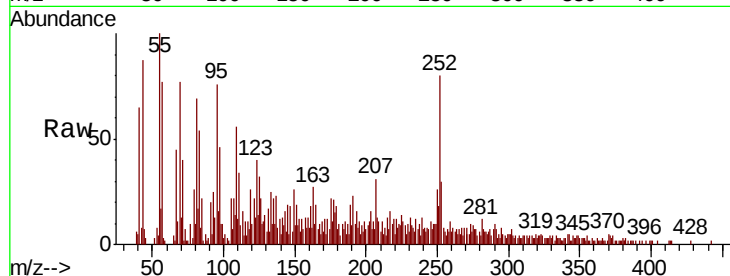
Tot Ion:252 Resp: 19003

Ion Ratio Lower Upper

252 100

253 38.0 18.2 27.4#

125 39.4 9.0 13.6#

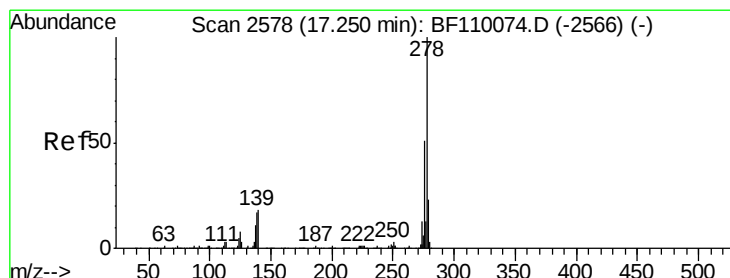
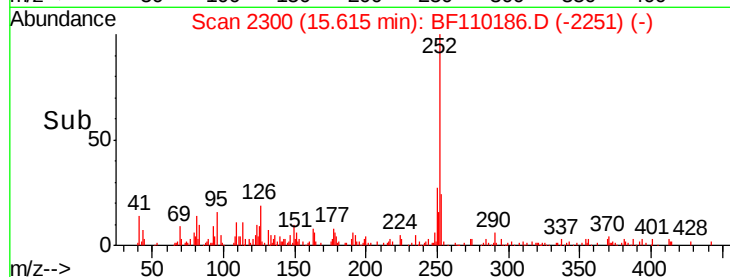
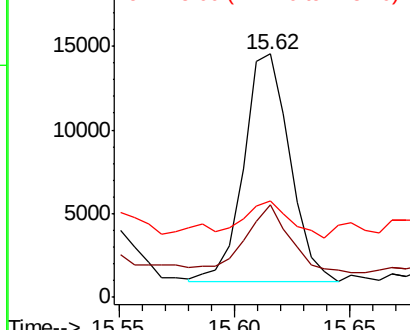


Abundance

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



#91

Dibenzo(a,h)anthracene

Concen: 2.179 ng

RT: 17.27 min Scan# 2581

Delta R.T. -0.01 min

Lab File: BF110186.D

Acq: 26 Oct 2018 3:02

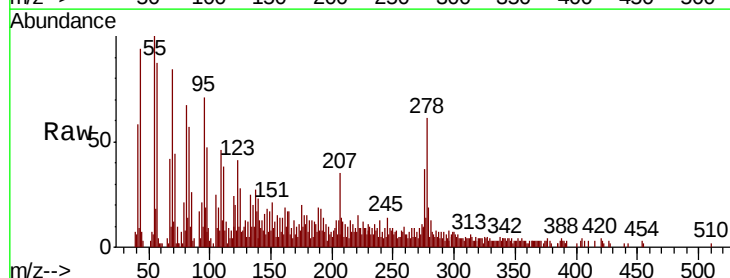
Tgt Ion:278 Resp: 15996

Ion Ratio Lower Upper

278 100

139 38.6 12.7 19.1#

279 31.2 19.0 28.4#

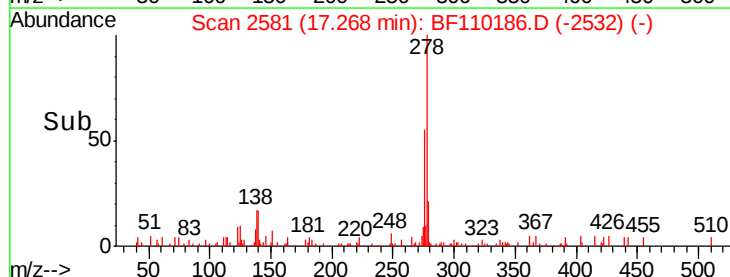
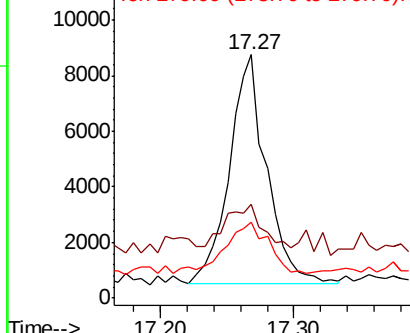


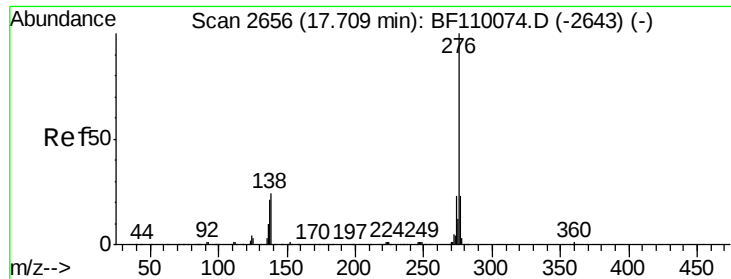
Abundance

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





#92
 Benzo(a,h,i)perylene
 Concen: 2.034 ng
 RT: 17.73 min Scan# 2660
 Delta R.T. -0.01 min
 Lab File: BF110186.D
 Acq: 26 Oct 2018 3:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	33.2	18.8	28.2
138	35.1	16.0	24.0

