

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121918\
 Data File : BF111620.D
 Acq On : 20 Dec 2018 5:03
 Operator : JU/SJ
 Sample : J6465-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EB03_1.5-3.5

Quant Time: Dec 20 07:36:59 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	196831	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	711160	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	327898	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	572372	20.00	ng	0.00
76) Chrysene-d12	14.06	240	473699	20.00	ng	0.00
87) Perylene-d12	15.53	264	375602	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1023071	88.60	ng	0.00
7) Phenol-d6	6.52	99	1284813	87.43	ng	0.00
23) Nitrobenzene-d5	7.45	82	763971	62.53	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	323029	83.38	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1436496	63.86	ng	0.00
79) Terphenyl-d14	13.00	244	1404260	56.22	ng	0.00

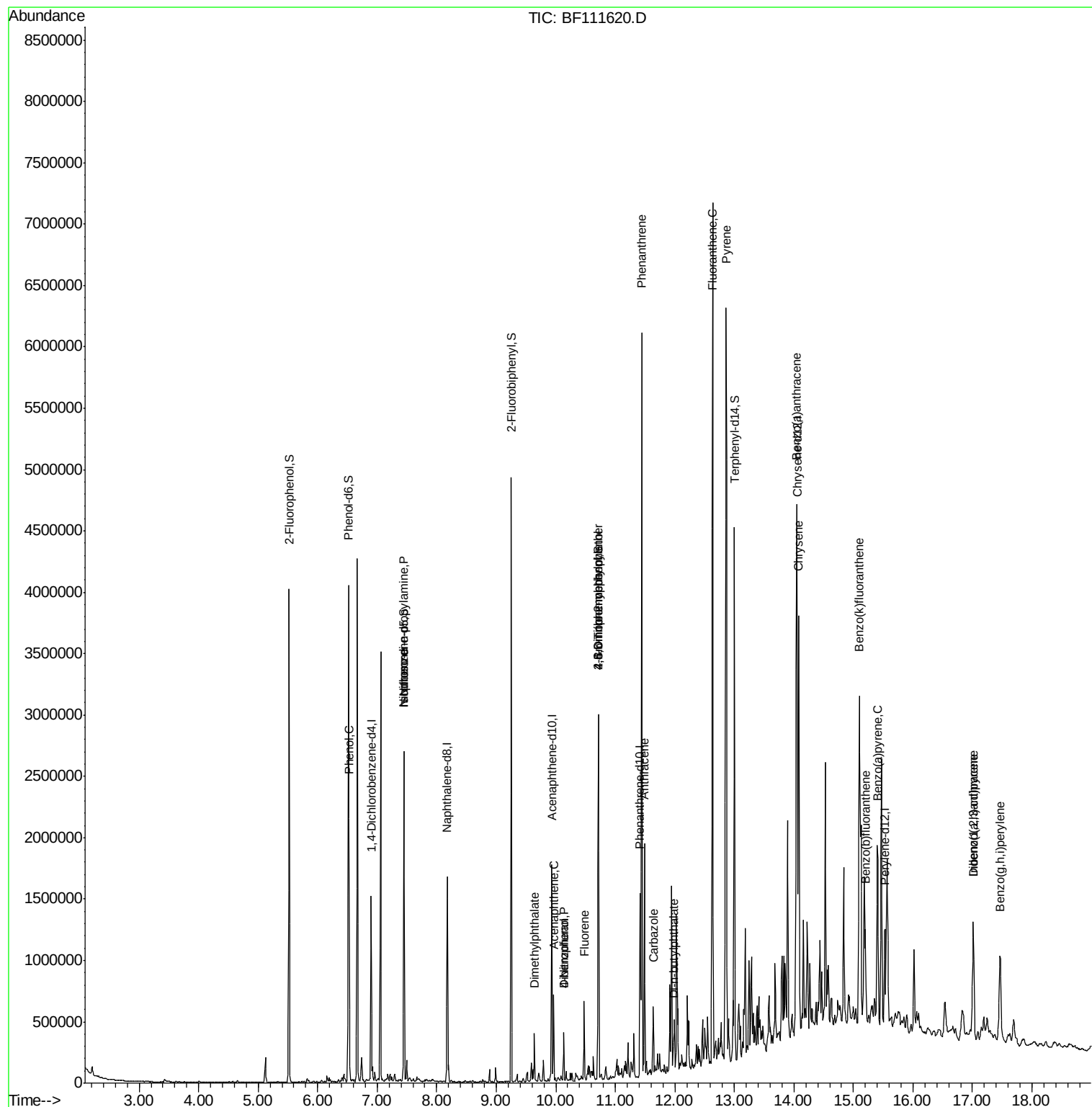
Target Compounds				Qvalue		
10) Phenol	6.53	94	99899	6.025	ng	94
19) n-Nitroso-di-n-propylamine	7.45	70	106720	10.935	ng	# 80
25) Isophorone	7.45	82	761490	35.108	ng	# 64
50) Dimethylphthalate	9.64	163	139561	5.820	ng	97
52) Acenaphthene	9.96	154	132537	6.711	ng	95
55) Dibenzofuran	10.13	168	106439	3.568	ng	95
56) 4-Nitrophenol	10.13	139	38715	9.949	ng	# 10
58) Fluorene	10.47	166	172254	8.012	ng	100
65) 4,6-Dinitro-2-methylphenol	10.72	198	636	6.924	ng	# 1
67) 4-Bromophenyl-phenylether	10.72	248	20666	2.911	ng	# 1
71) Phenanthrene	11.45	178	2250449	74.138	ng	97
72) Anthracene	11.49	178	633790	20.801	ng	95
73) Carbazole	11.64	167	188597	6.376	ng	93
74) Di-n-butylphthalate	11.97	149	75772	2.285	ng	98
75) Fluoranthene	12.64	202	3251224	105.769	ng	96
78) Pyrene	12.86	202	2890980	86.423	ng	99
81) Benzo(a)anthracene	14.04	228	1692187	62.595	ng	98
83) Chrysene	14.09	228	1416428	53.309	ng	99
86) Indeno(1,2,3-cd)pyrene	17.02	276	678443	30.036	ng	# 84
88) Benzo(b)fluoranthene	15.21	252	251953	11.478	ng	95
89) Benzo(k)fluoranthene	15.10	252	2234566	106.924	ng	97
90) Benzo(a)pyrene	15.40	252	729527	36.580	ng	98
91) Dibenzo(a,h)anthracene	17.02	278	166762	9.549	ng	# 91
92) Benzo(g,h,i)perylene	17.46	276	599872	35.177	ng	# 88

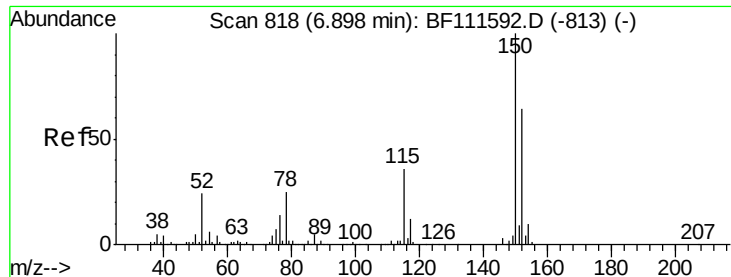
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121918\
Data File : BF111620.D
Acq On : 20 Dec 2018 5:03
Operator : JU/SJ
Sample : J6465-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EB03_1.5-3.5

Quant Time: Dec 20 07:36:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration



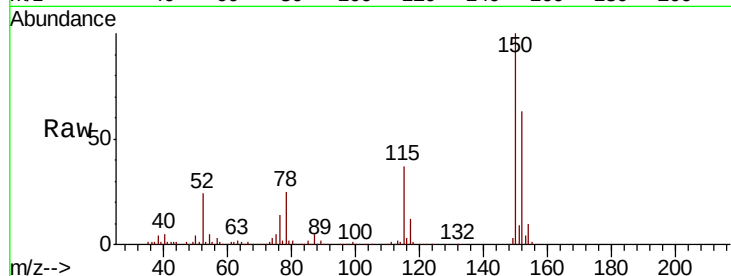


#1

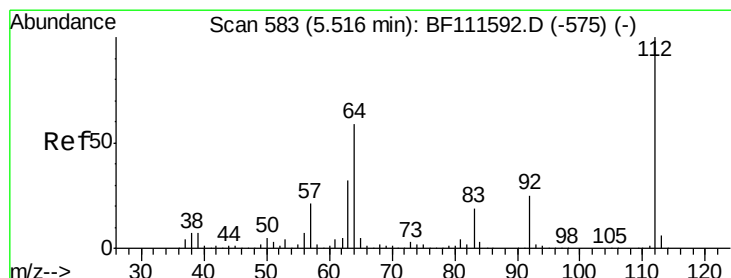
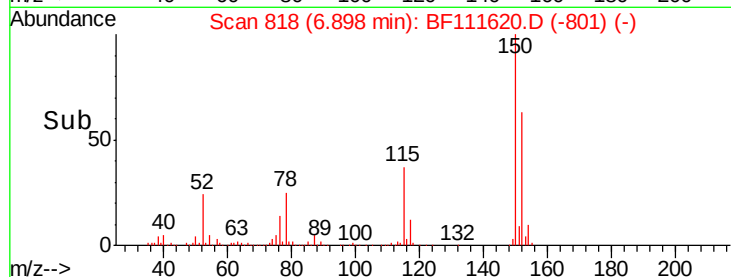
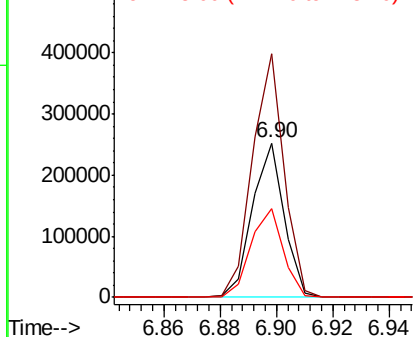
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF111620.D
Acq: 20 Dec 2018 5:03

Instrument :
BNA_F
ClientSampleId :
EB03_1.5-3.5

Tgt Ion:152 Resp: 196831
Ion Ratio Lower Upper
152 100
150 157.7 126.6 189.8
115 57.6 50.7 76.1



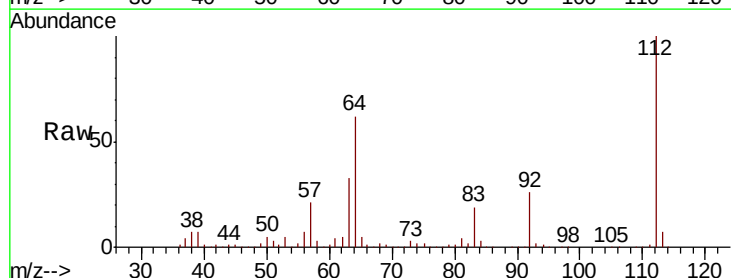
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



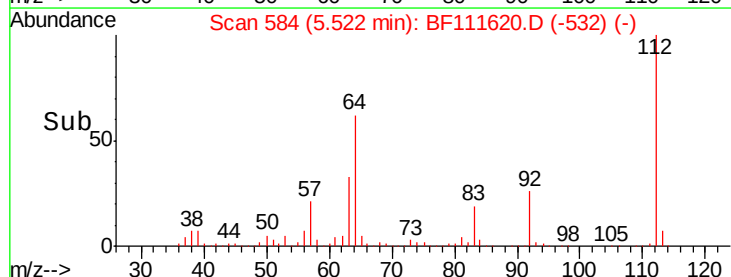
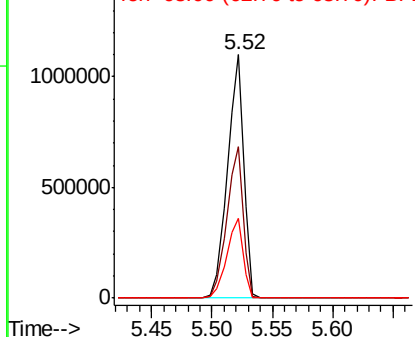
#5

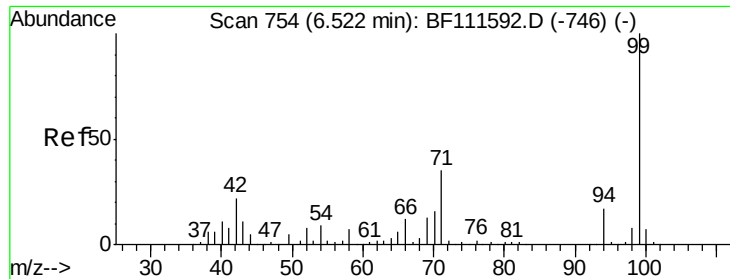
2-Fluorophenol
Concen: 88.597 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF111620.D
Acq: 20 Dec 2018 5:03

Tgt Ion:112 Resp: 1023071
Ion Ratio Lower Upper
112 100
64 62.2 51.8 77.6
63 33.0 26.8 40.2



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: 87.426 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF111620.D

Acq: 20 Dec 2018 5:03

Instrument :

BNA_F

ClientSampleId :

EB03_1.5-3.5

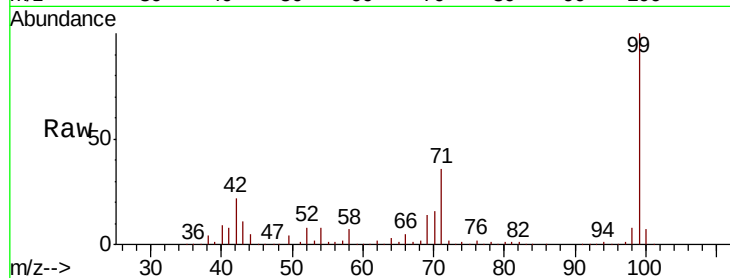
Tgt Ion: 99 Resp: 1284813

Ion Ratio Lower Upper

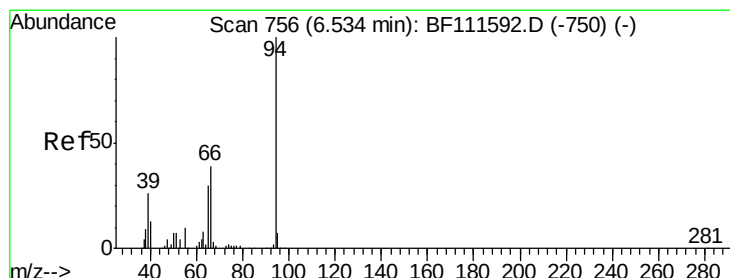
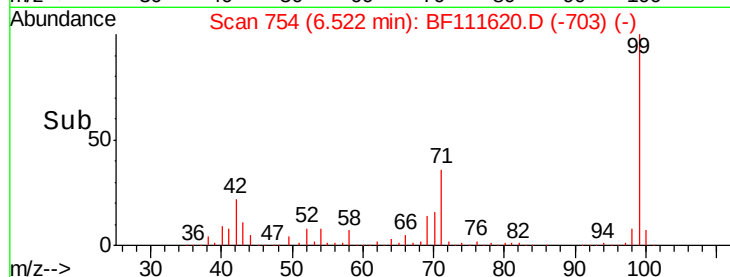
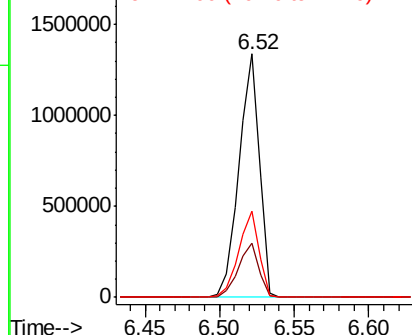
99 100

42 22.5 17.4 26.0

71 35.6 26.1 39.1



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: 6.025 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF111620.D

Acq: 20 Dec 2018 5:03

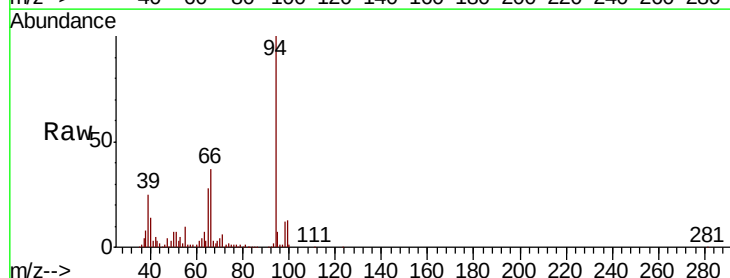
Tgt Ion: 94 Resp: 99899

Ion Ratio Lower Upper

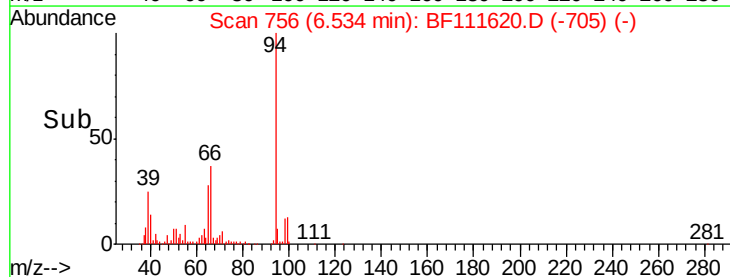
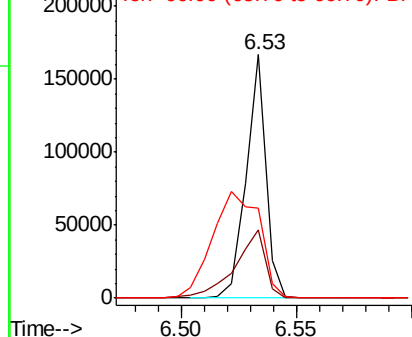
94 100

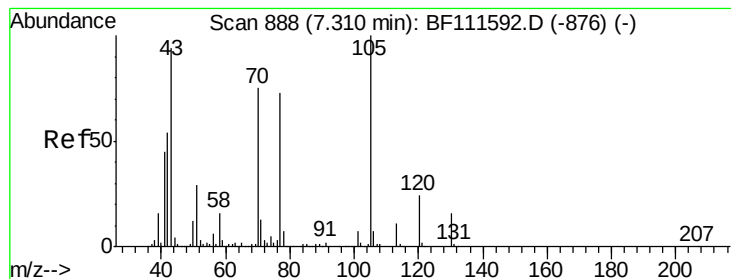
65 28.3 11.7 51.7

66 36.9 21.0 61.0



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





#19

n-Nitroso-di-n-propylamine

Concen: 10.935 ng

RT: 7.45 min Scan# 912

Delta R.T. 0.14 min

Lab File: BF111620.D

Acq: 20 Dec 2018 5:03

Instrument :

BNA_F

ClientSampleId :

EB03_1.5-3.5

Tgt Ion: 70 Resp: 106720

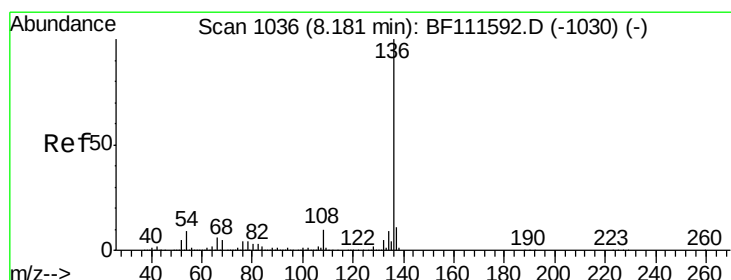
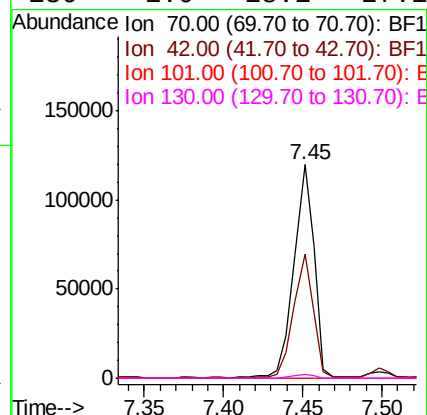
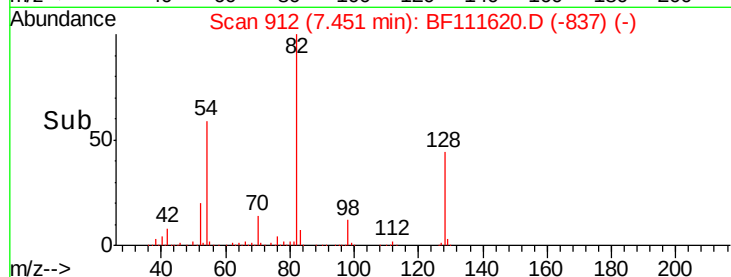
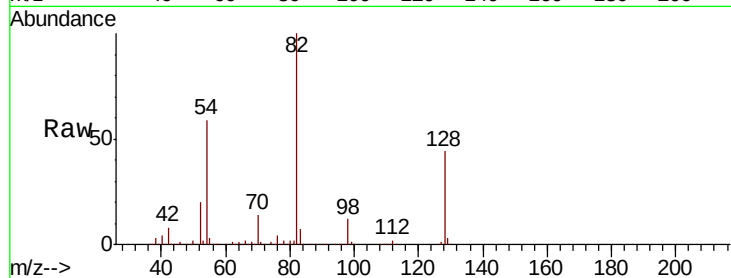
Ion Ratio Lower Upper

70 100

42 58.0 53.2 79.8

101 0.0 8.2 12.4#

130 1.9 18.1 27.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF111620.D

Acq: 20 Dec 2018 5:03

Tgt Ion: 136 Resp: 711160

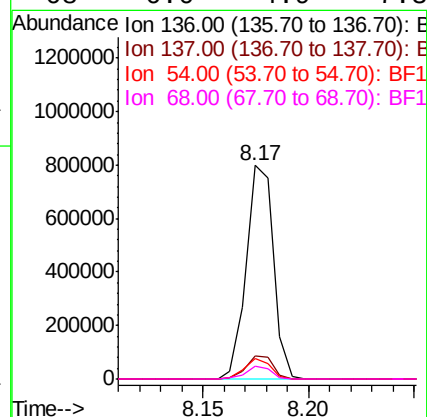
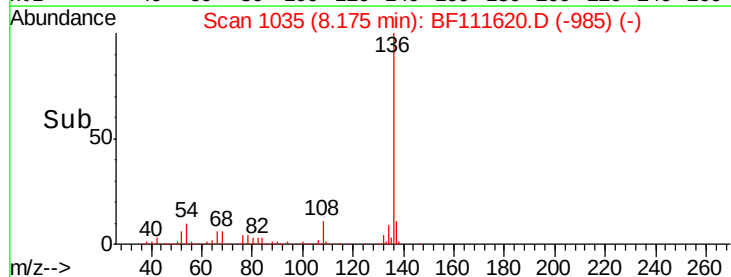
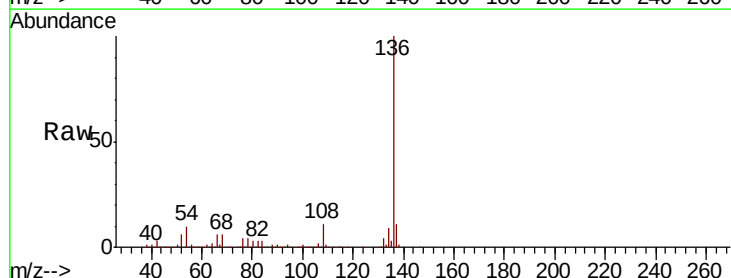
Ion Ratio Lower Upper

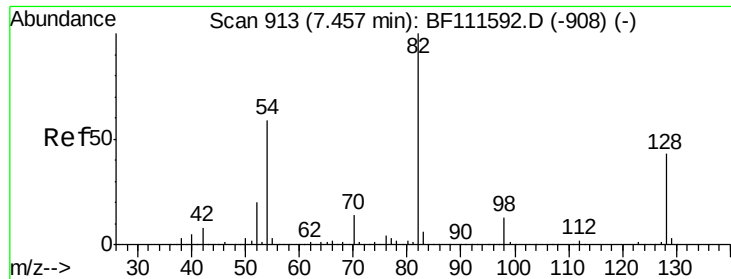
136 100

137 11.1 9.1 13.7

54 9.7 7.7 11.5

68 6.0 4.9 7.3

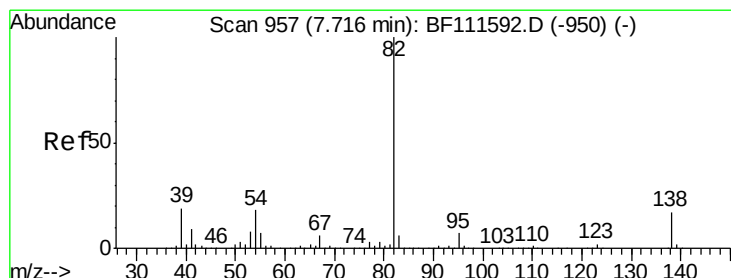
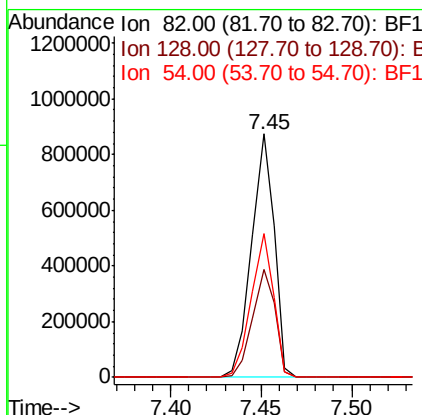
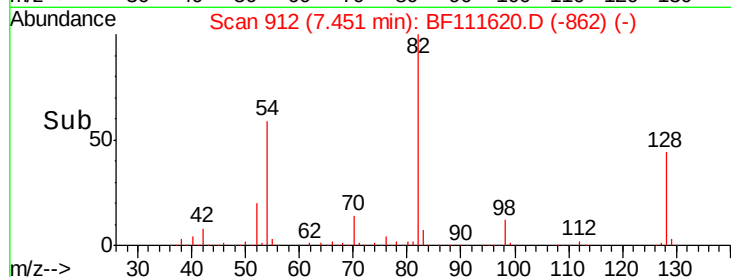
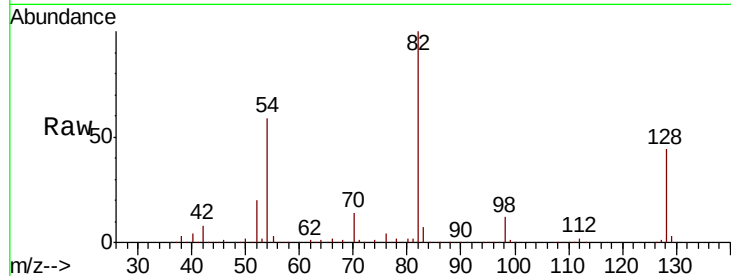




#23
 Nitrobenzene-d5
 Concen: 62.530 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF111620.D
 Acq: 20 Dec 2018 5:03

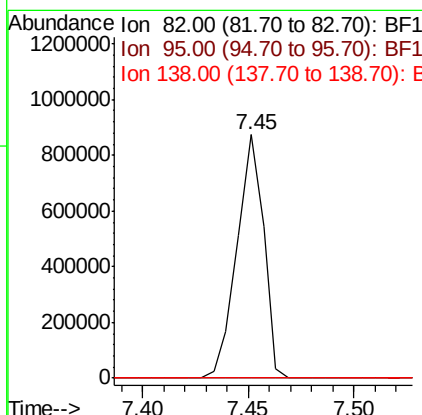
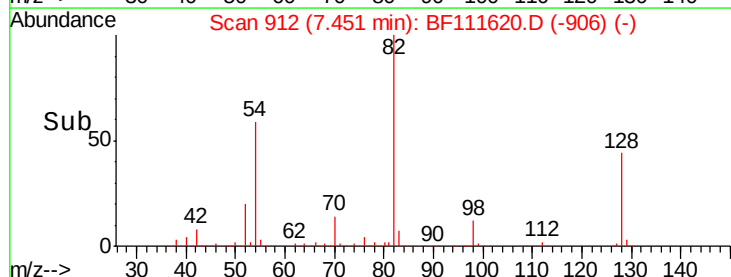
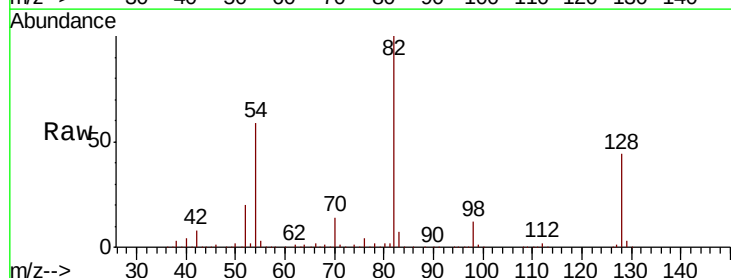
Instrument :
 BNA_F
 ClientSampleId :
 EB03_1.5-3.5

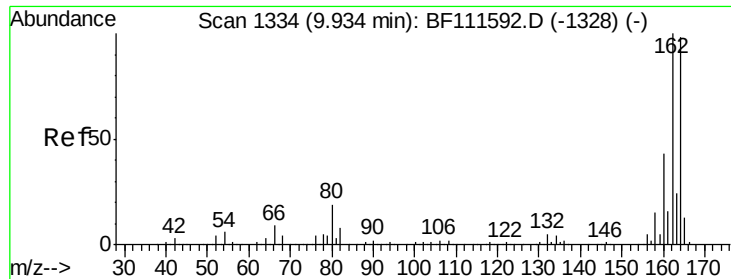
Tgt Ion: 82 Resp: 763971
 Ion Ratio Lower Upper
 82 100
 128 44.2 37.4 56.2
 54 59.2 47.6 71.4



#25
 Isophorone
 Concen: 35.108 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.26 min
 Lab File: BF111620.D
 Acq: 20 Dec 2018 5:03

Tgt Ion: 82 Resp: 761490
 Ion Ratio Lower Upper
 82 100
 95 0.1 5.4 8.2#
 138 0.0 15.1 22.7#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BF111620.D

Acq: 20 Dec 2018 5:03

Instrument :

BNA_F

ClientSampleId :

EB03_1.5-3.5

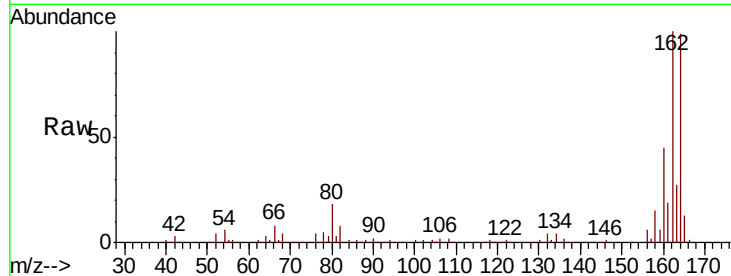
Tgt Ion:164 Resp: 327898

Ion Ratio Lower Upper

164 100

162 100.6 81.4 122.0

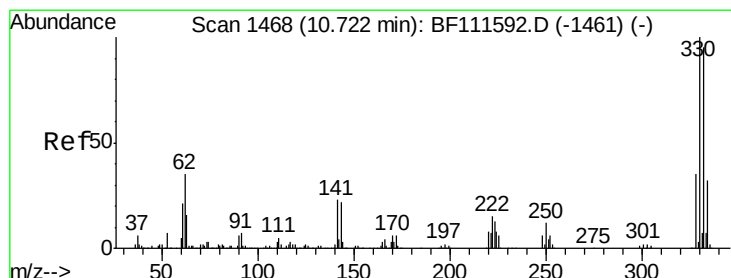
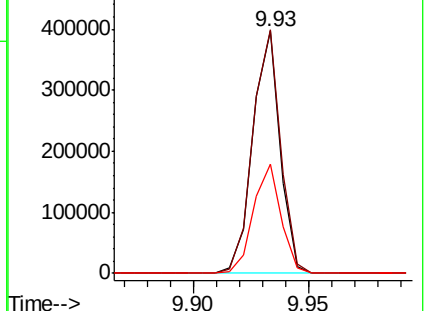
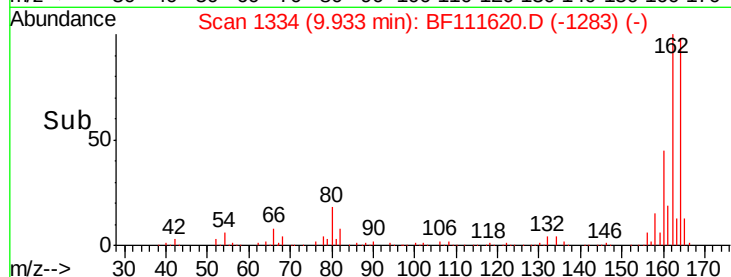
160 45.0 35.7 53.5



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



#42

2,4,6-Tribromophenol

Concen: 83.376 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BF111620.D

Acq: 20 Dec 2018 5:03

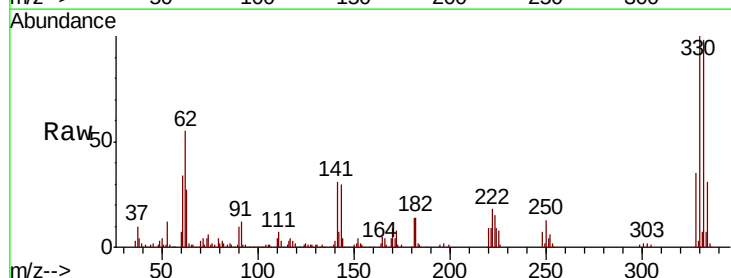
Tgt Ion:330 Resp: 323029

Ion Ratio Lower Upper

330 100

332 96.9 76.0 114.0

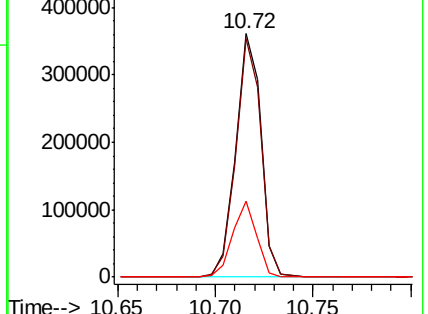
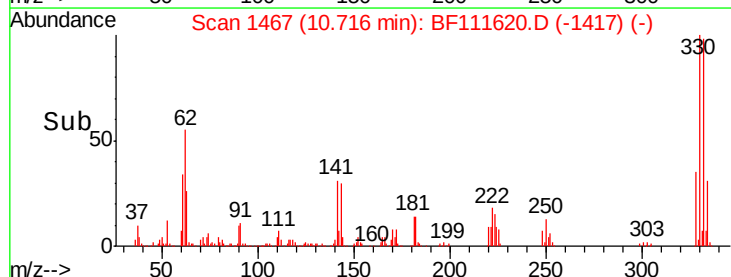
141 29.7 31.0 46.6#

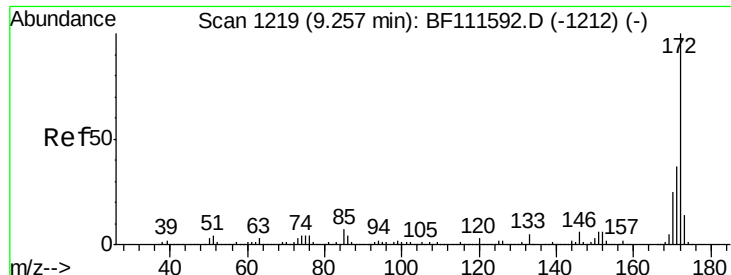


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

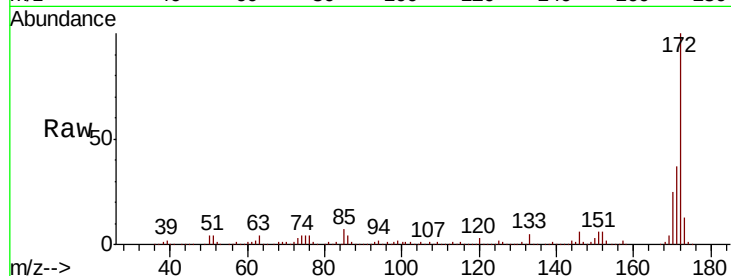




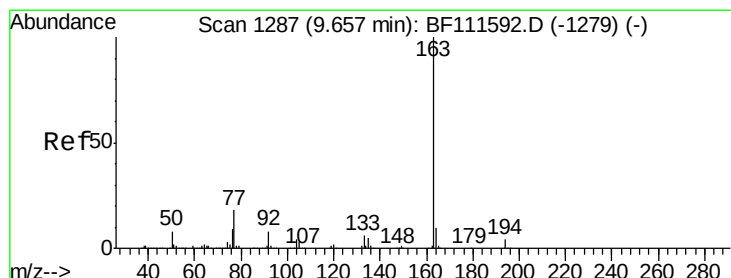
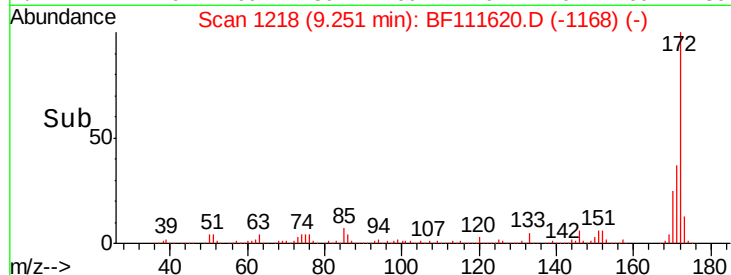
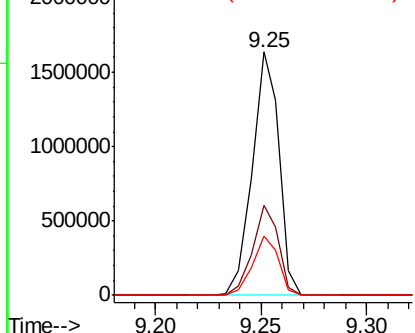
#45
 2-Fluorobiphenyl
 Concen: 63.855 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF111620.D
 Acq: 20 Dec 2018 5:03

Instrument :
 BNA_F
 ClientSampleId :
 EB03_1.5-3.5

Tgt Ion:172 Resp: 1436496
 Ion Ratio Lower Upper
 172 100
 171 36.9 33.0 49.4
 170 24.5 22.3 33.5

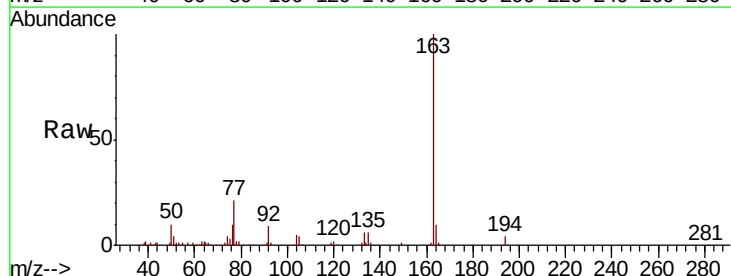


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

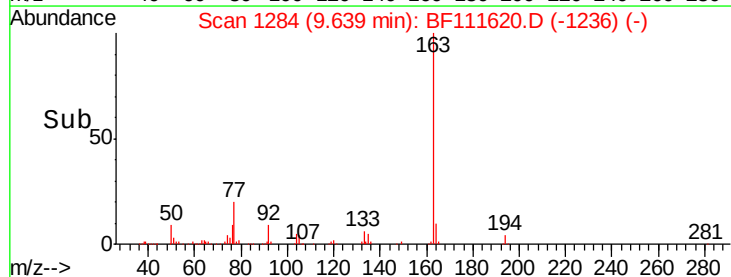
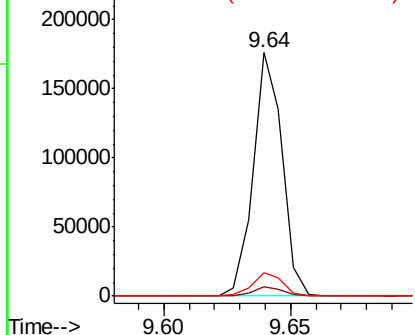


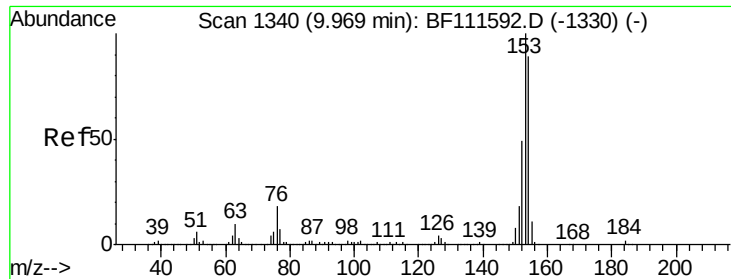
#50
 Dimethylphthalate
 Concen: 5.820 ng
 RT: 9.64 min Scan# 1284
 Delta R.T. -0.02 min
 Lab File: BF111620.D
 Acq: 20 Dec 2018 5:03

Tgt Ion:163 Resp: 139561
 Ion Ratio Lower Upper
 163 100
 194 3.8 3.0 4.6
 164 9.6 8.9 13.3



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E





#52

Acenaphthene

Concen: 6.711 ng

RT: 9.96 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BF111620.D

Acq: 20 Dec 2018 5:03

Instrument :

BNA_F

ClientSampleId :

EB03_1.5-3.5

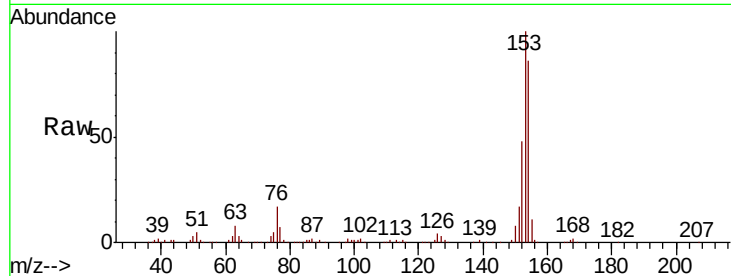
Tgt Ion:154 Resp: 132537

Ion Ratio Lower Upper

154 100

153 116.5 87.8 131.8

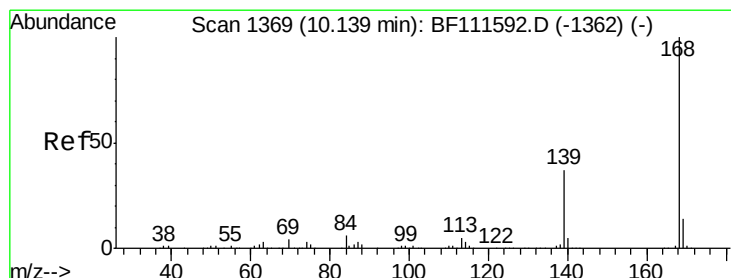
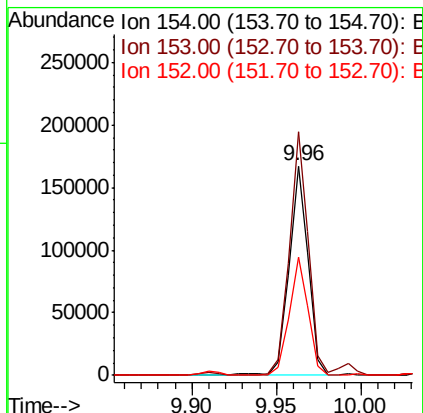
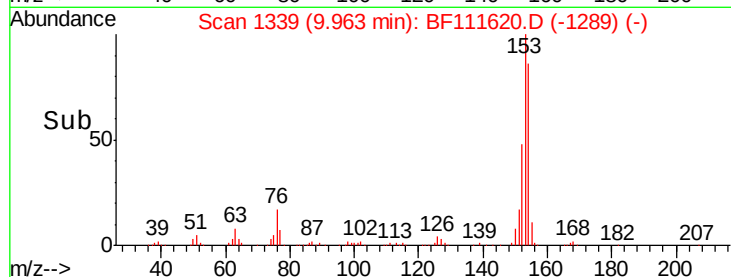
152 56.5 43.4 65.2



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



#55

Dibenzofuran

Concen: 3.568 ng

RT: 10.13 min Scan# 1368

Delta R.T. -0.01 min

Lab File: BF111620.D

Acq: 20 Dec 2018 5:03

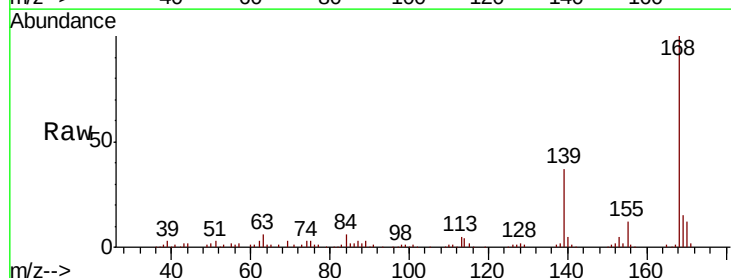
Tgt Ion:168 Resp: 106439

Ion Ratio Lower Upper

168 100

139 37.1 32.6 49.0

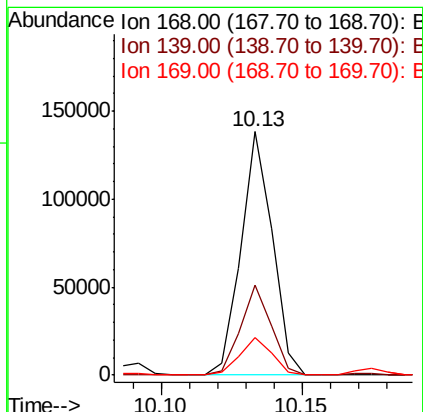
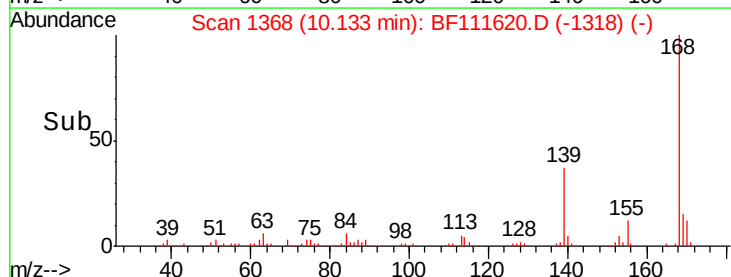
169 15.4 11.8 17.6

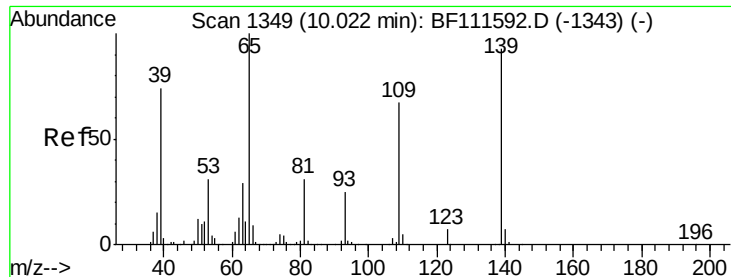


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

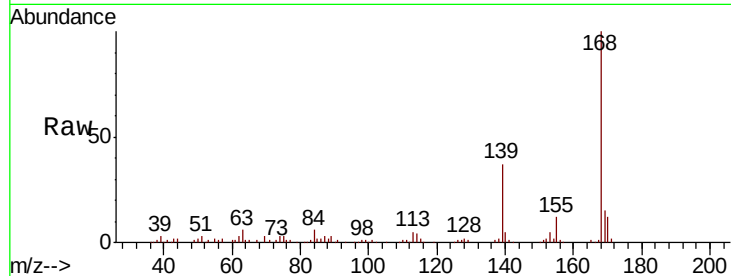




#56
4-Nitrophenol
Concen: 9.949 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.11 min
Lab File: BF111620.D
Acq: 20 Dec 2018 5:03

Instrument :
BNA_F
ClientSampleId :
EB03_1.5-3.5

Tgt Ion	Ratio	Lower	Upper
139	100		
109	1.3	41.8	81.8#
65	2.5	79.6	119.6#

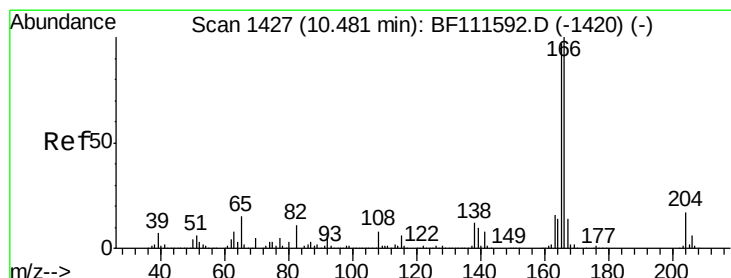
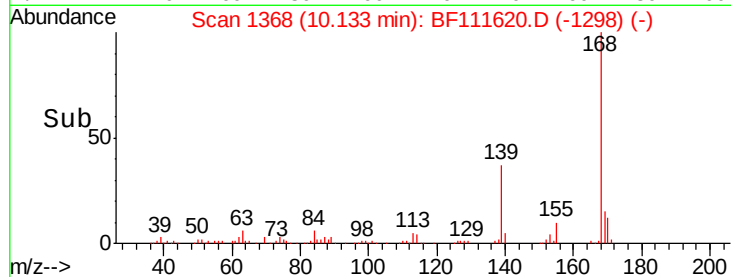
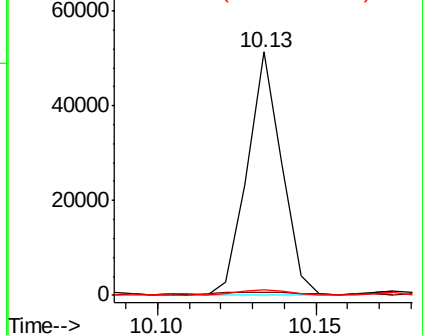


Abundance

Ion 139.00 (138.70 to 139.70): E

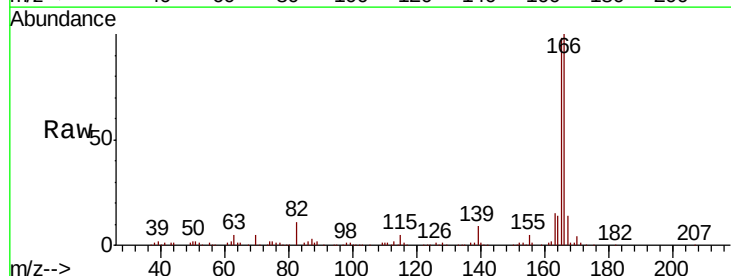
Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#58
Fluorene
Concen: 8.012 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF111620.D
Acq: 20 Dec 2018 5:03

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.9	78.4	117.6
167	13.7	11.2	16.8

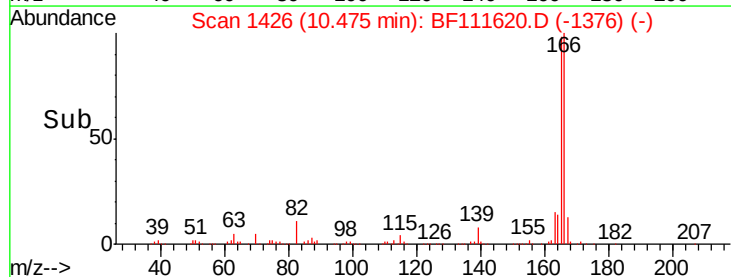
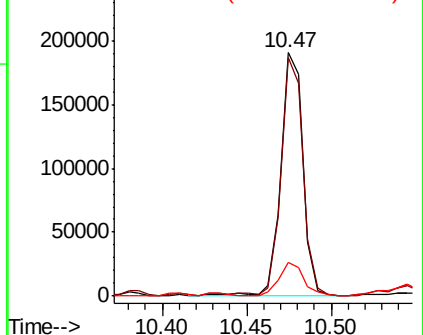


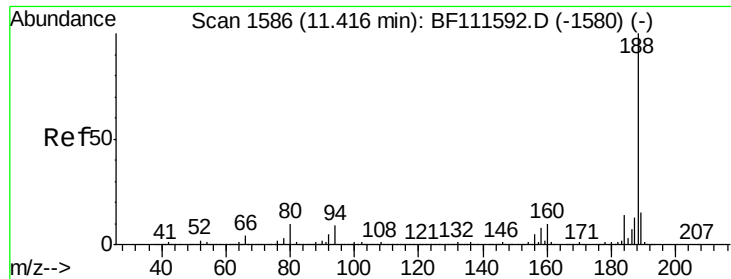
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.00 min

Lab File: BF111620.D

Acq: 20 Dec 2018 5:03

Instrument :

BNA_F

ClientSampleId :

EB03_1.5-3.5

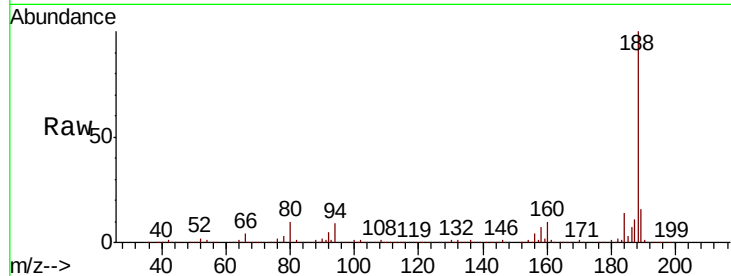
Tgt Ion:188 Resp: 572372

Ion Ratio Lower Upper

188 100

94 9.1 9.6 14.4#

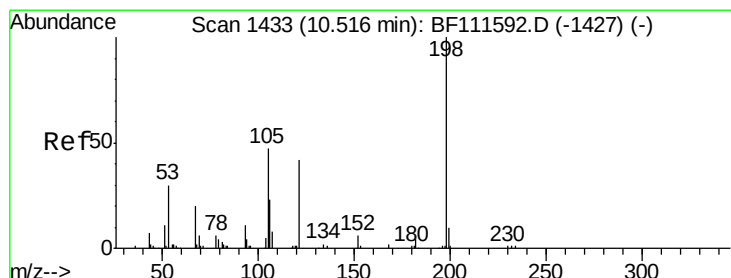
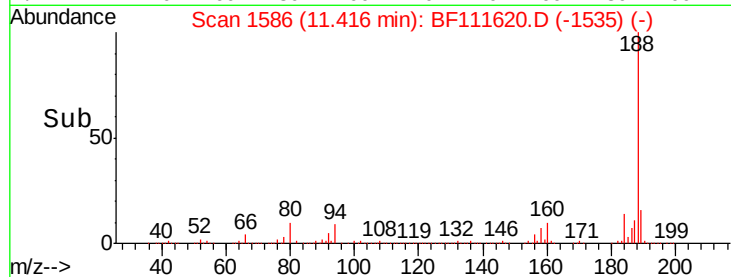
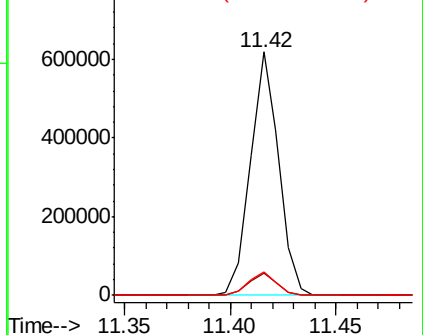
80 9.7 9.8 14.6#



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



#65

4,6-Dinitro-2-methylphenol

Concen: 6.924 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.20 min

Lab File: BF111620.D

Acq: 20 Dec 2018 5:03

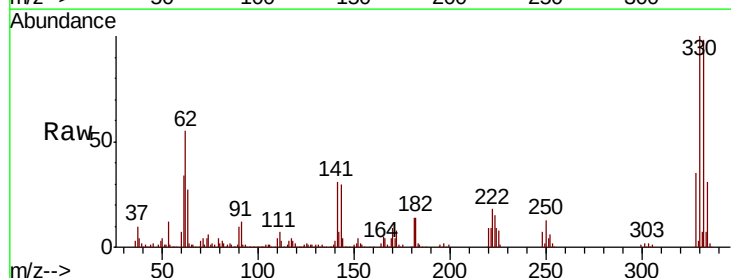
Tgt Ion:198 Resp: 636

Ion Ratio Lower Upper

198 100

51 495.8 48.0 88.0#

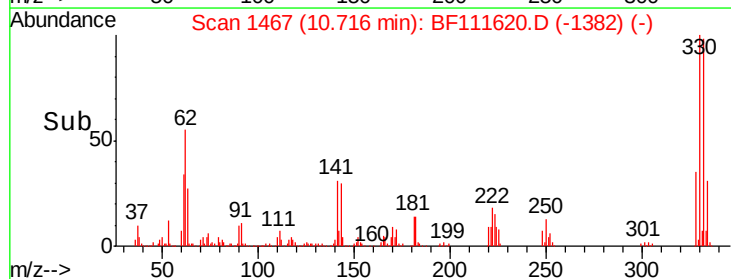
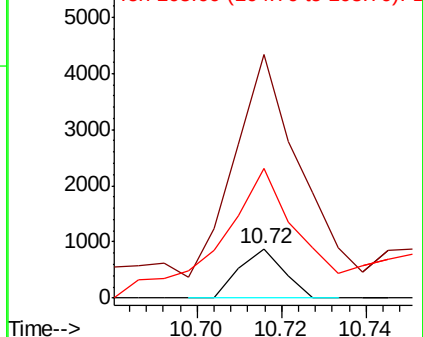
105 263.2 34.0 74.0#

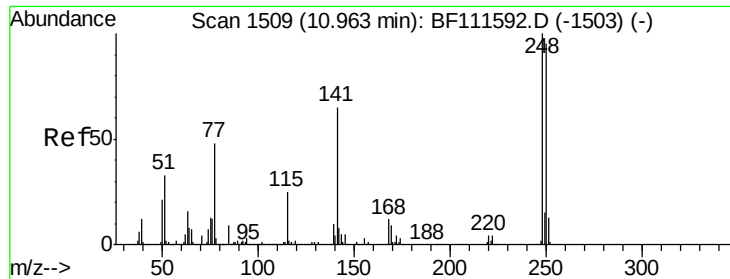


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

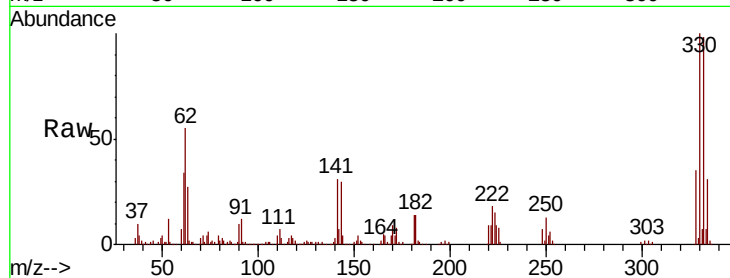




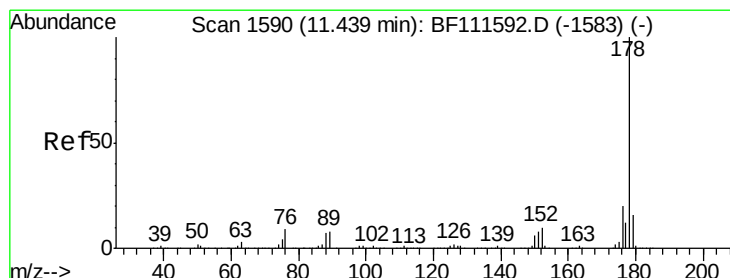
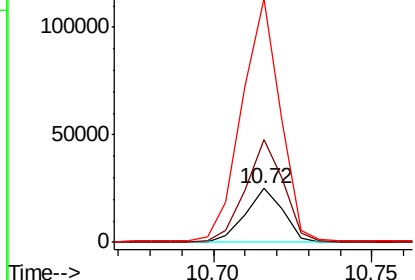
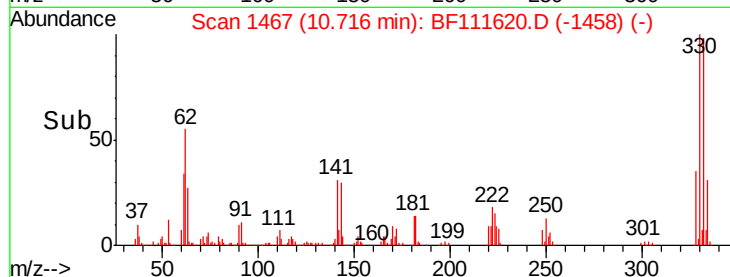
#67
 4-Bromophenyl-phenylether
 Concen: 2.911 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.25 min
 Lab File: BF111620.D
 Acq: 20 Dec 2018 5:03

Instrument :
 BNA_F
 ClientSampleId :
 EB03_1.5-3.5

Tgt Ion: 248 Resp: 20666
 Ion Ratio Lower Upper
 248 100
 250 190.2 77.0 115.4#
 141 452.0 63.0 94.6#

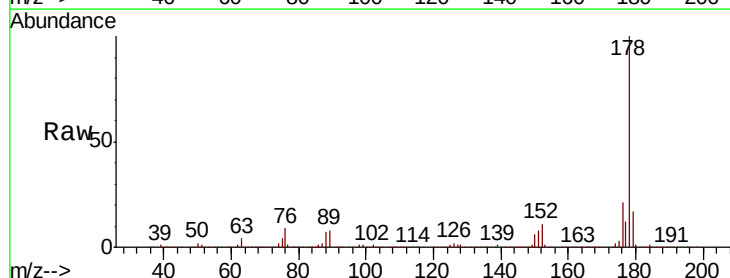


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

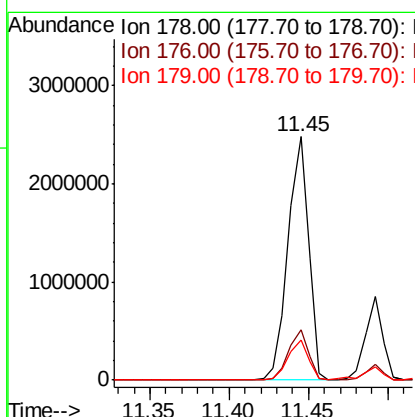
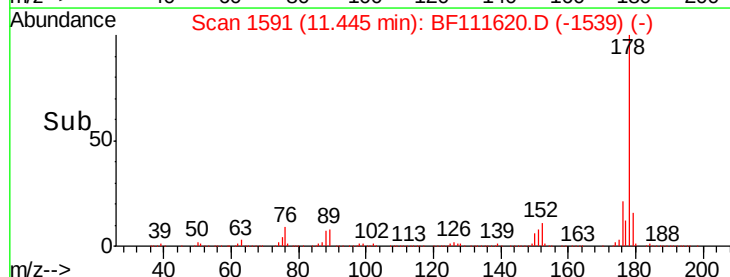


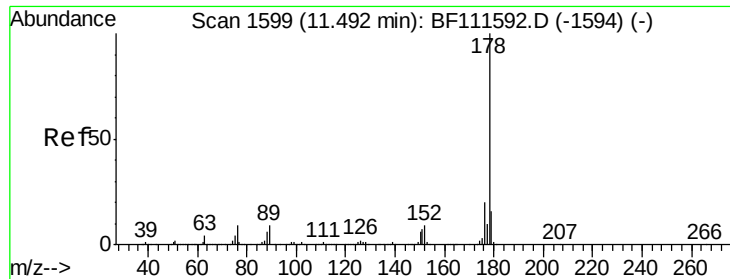
#71
 Phenanthrene
 Concen: 74.138 ng
 RT: 11.45 min Scan# 1591
 Delta R.T. 0.01 min
 Lab File: BF111620.D
 Acq: 20 Dec 2018 5:03

Tgt Ion: 178 Resp: 2250449
 Ion Ratio Lower Upper
 178 100
 176 20.8 18.1 27.1
 179 16.5 14.0 21.0



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

Anthracene

Concen: 20.801 ng

RT: 11.49 min Scan# 1599

Delta R.T. -0.00 min

Lab File: BF111620.D

Acq: 20 Dec 2018 5:03

Instrument :

BNA_F

ClientSampleId :

EB03_1.5-3.5

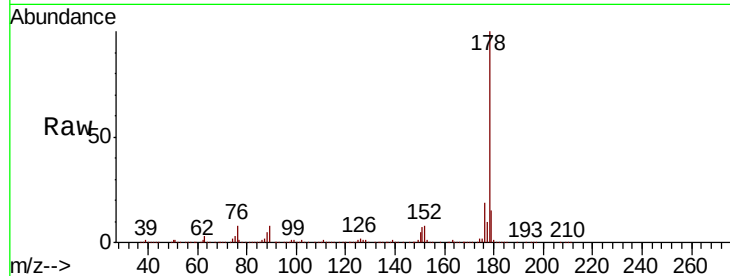
Tgt Ion:178 Resp: 633790

Ion Ratio Lower Upper

178 100

176 18.8 17.2 25.8

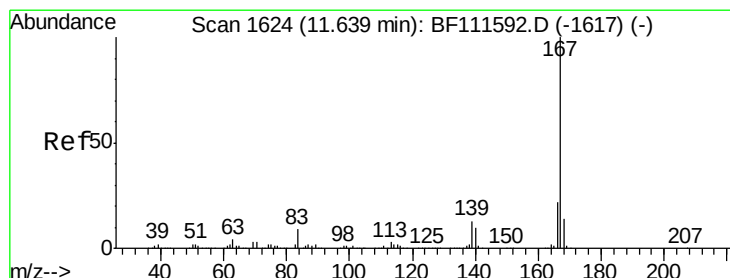
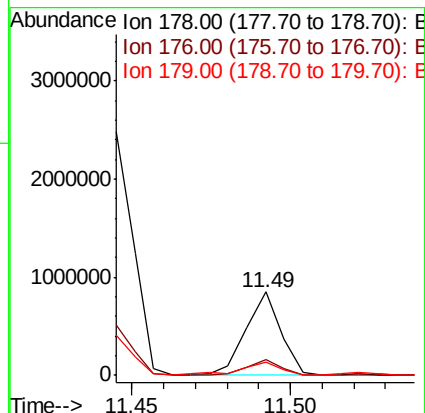
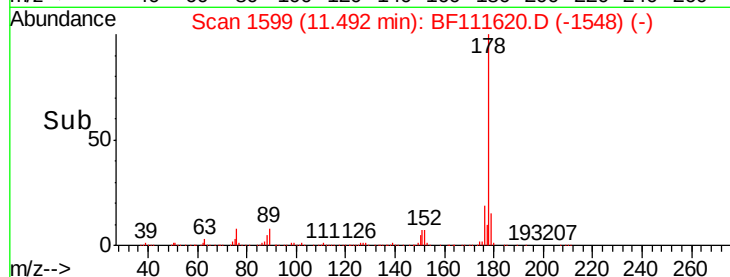
179 15.4 13.8 20.8



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



#73

Carbazole

Concen: 6.376 ng

RT: 11.64 min Scan# 1624

Delta R.T. -0.00 min

Lab File: BF111620.D

Acq: 20 Dec 2018 5:03

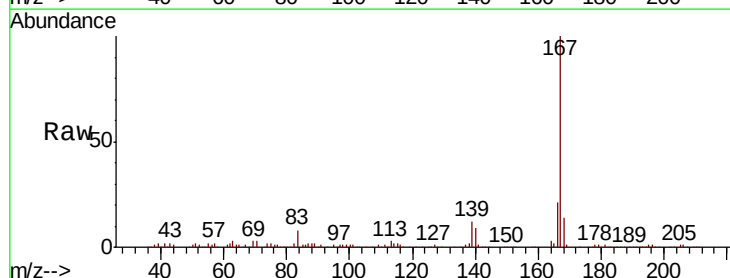
Tgt Ion:167 Resp: 188597

Ion Ratio Lower Upper

167 100

166 20.7 19.3 28.9

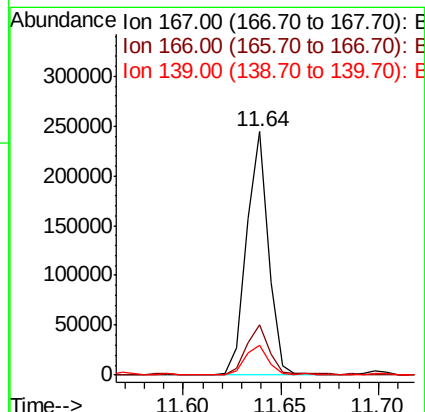
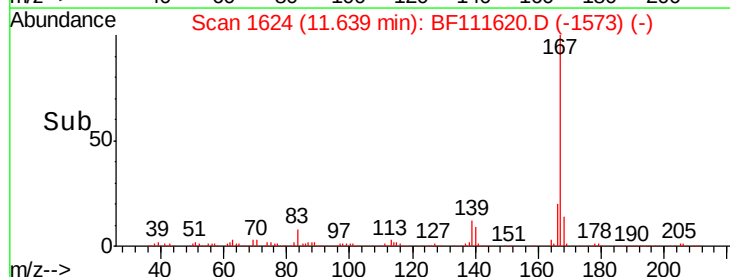
139 12.1 11.9 17.9

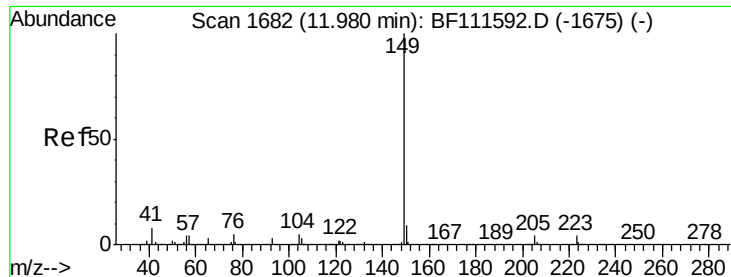


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 2.285 ng

RT: 11.97 min Scan# 1681

Delta R.T. -0.01 min

Lab File: BF111620.D

Acq: 20 Dec 2018 5:03

Instrument :

BNA_F

ClientSampleId :

EB03_1.5-3.5

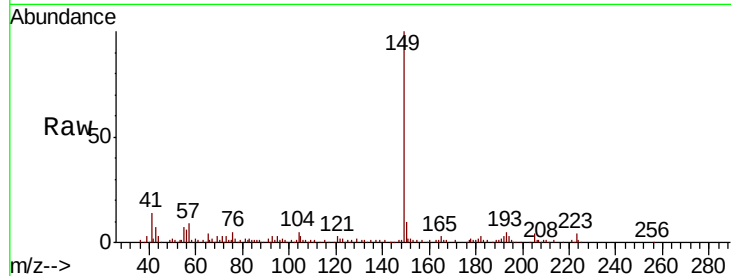
Tgt Ion:149 Resp: 75772

Ion Ratio Lower Upper

149 100

150 10.0 8.8 13.2

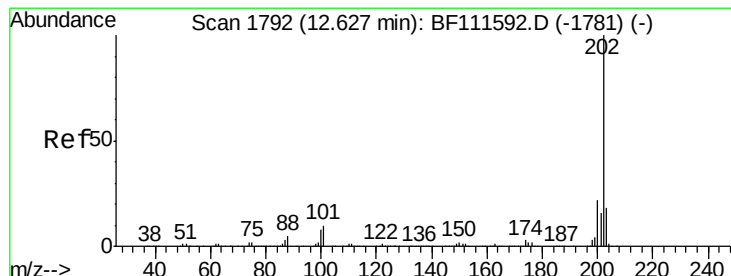
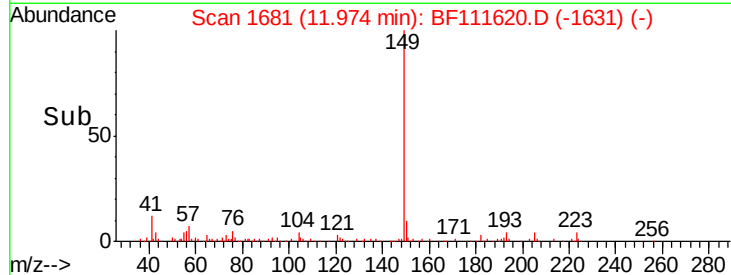
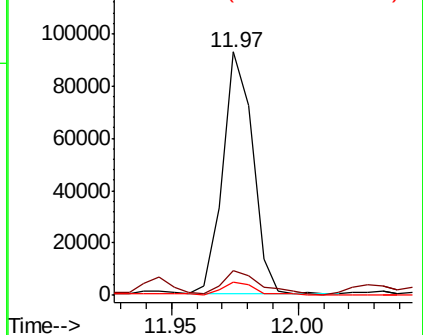
104 5.3 4.5 6.7



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: 105.769 ng

RT: 12.64 min Scan# 1794

Delta R.T. 0.01 min

Lab File: BF111620.D

Acq: 20 Dec 2018 5:03

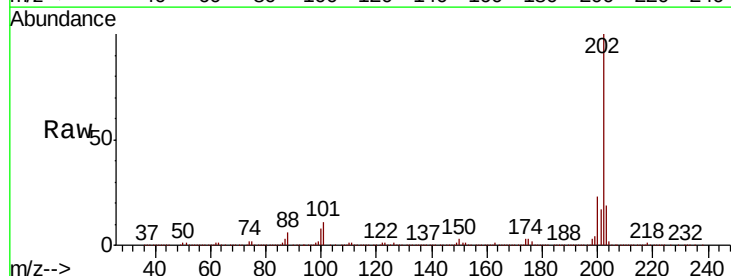
Tgt Ion:202 Resp: 3251224

Ion Ratio Lower Upper

202 100

101 11.0 0.0 33.8

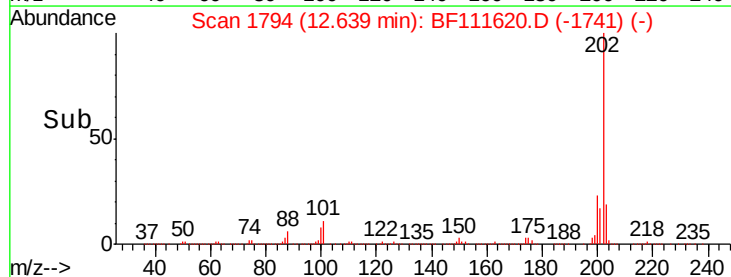
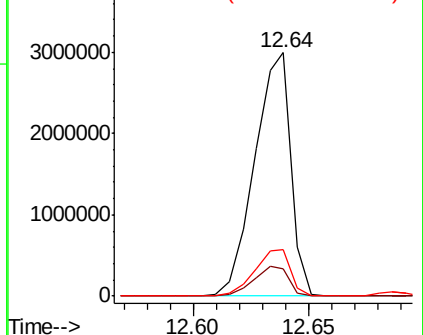
203 19.0 0.0 38.6

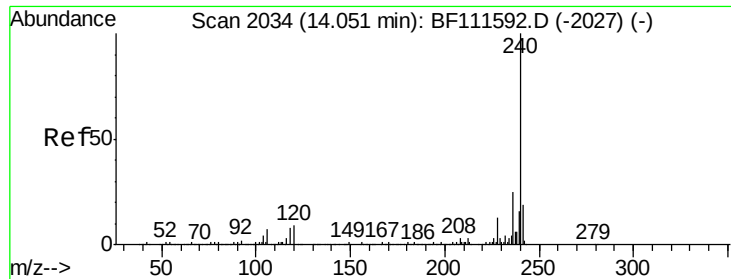


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

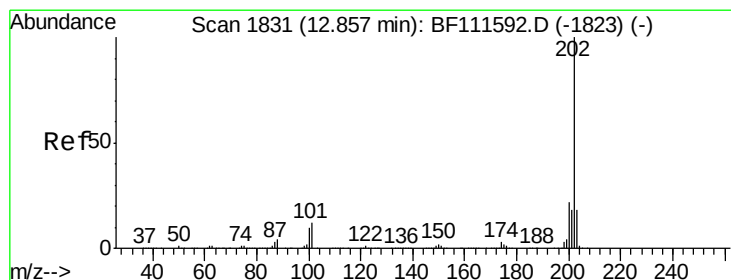
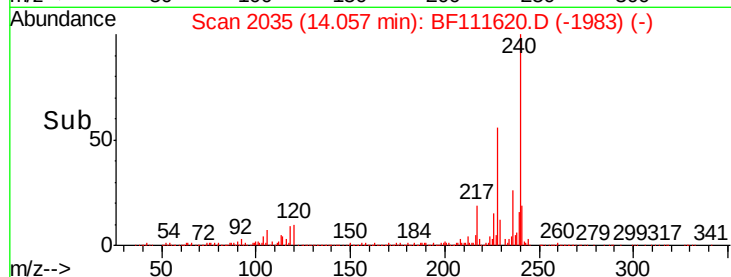
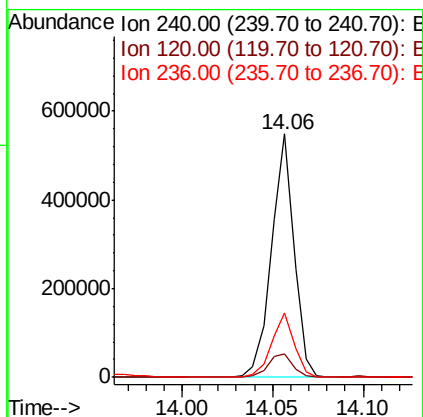
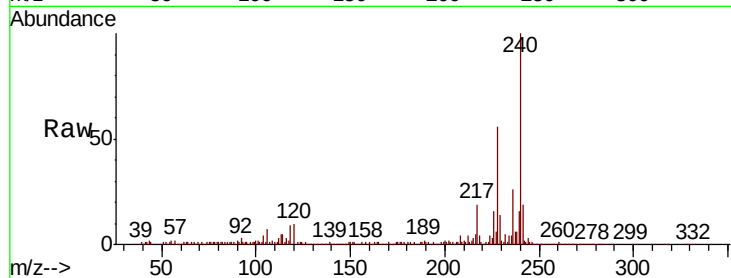




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.01 min
Lab File: BF111620.D
Acq: 20 Dec 2018 5:03

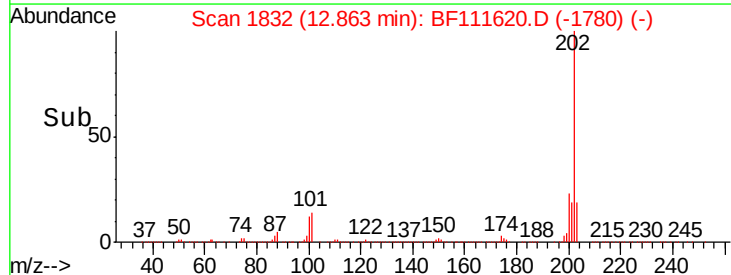
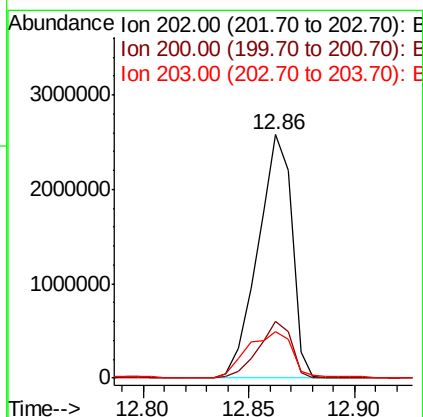
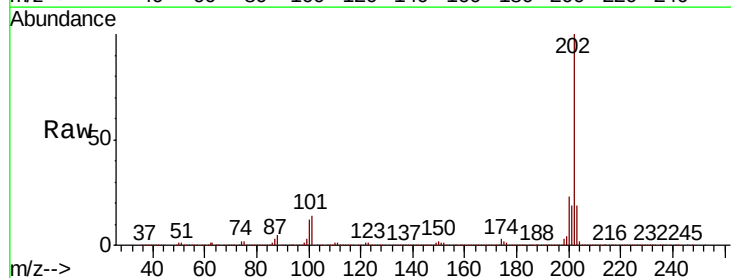
Instrument :
BNA_F
ClientSampleId :
EB03_1.5-3.5

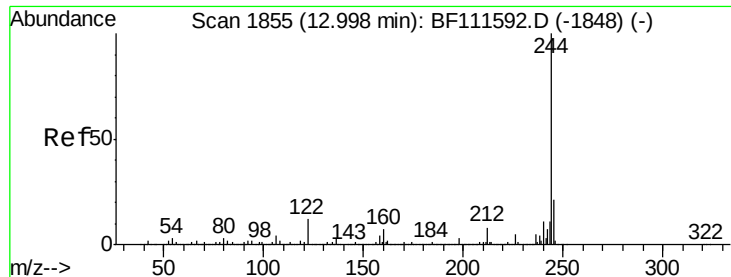
Tgt Ion:240 Resp: 473699
Ion Ratio Lower Upper
240 100
120 9.8 12.2 18.2#
236 26.2 20.2 30.2



#78
Pyrene
Concen: 86.423 ng
RT: 12.86 min Scan# 1832
Delta R.T. 0.01 min
Lab File: BF111620.D
Acq: 20 Dec 2018 5:03

Tgt Ion:202 Resp: 2890980
Ion Ratio Lower Upper
202 100
200 23.1 19.0 28.4
203 19.2 15.2 22.8

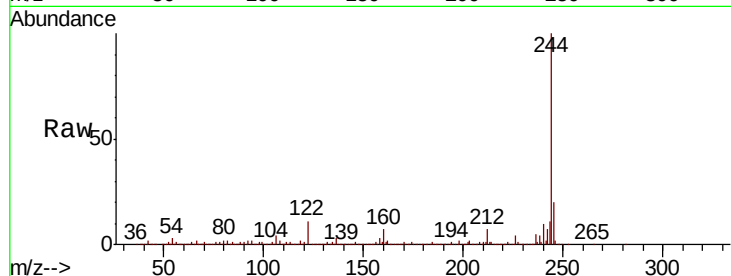




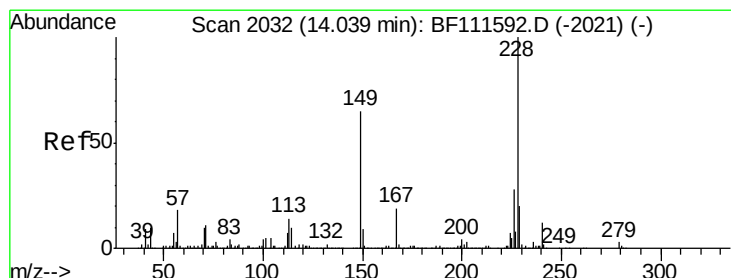
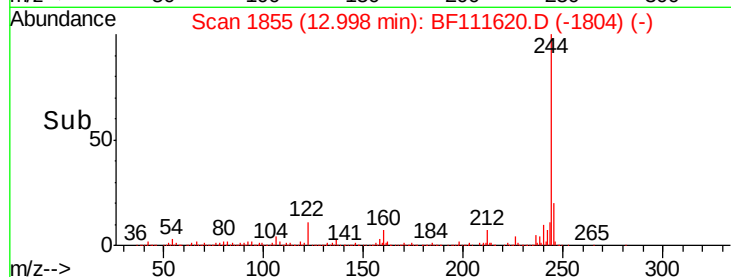
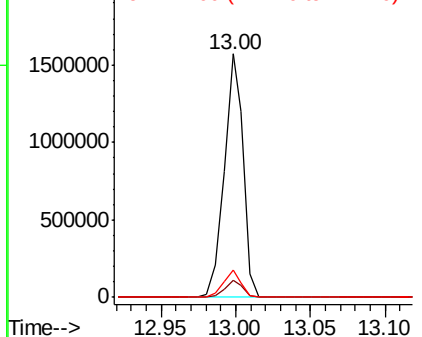
#79
 Terphenyl-d14
 Concen: 56.218 ng
 RT: 13.00 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: BF111620.D
 Acq: 20 Dec 2018 5:03

Instrument :
 BNA_F
 ClientSampleId :
 EB03_1.5-3.5

Tgt Ion:244 Resp: 1404260
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 11.3 13.1 19.7#

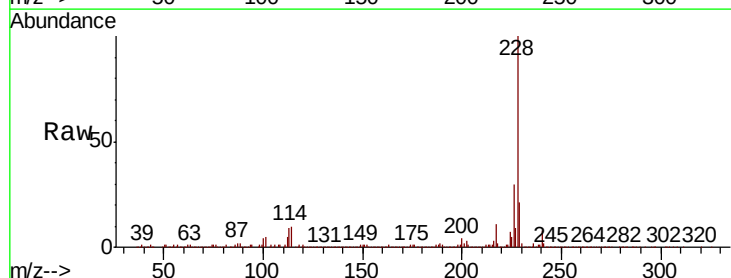


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

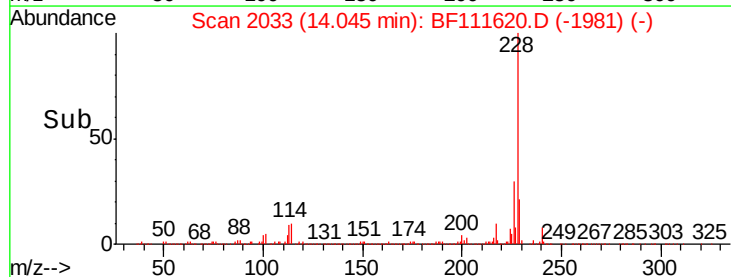
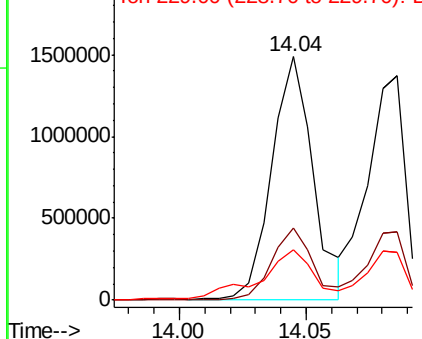


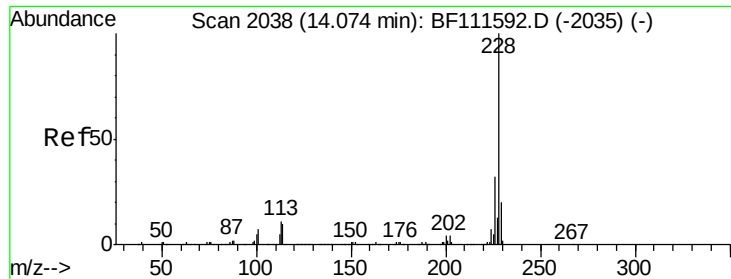
#81
 Benzo(a)anthracene
 Concen: 62.595 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. 0.01 min
 Lab File: BF111620.D
 Acq: 20 Dec 2018 5:03

Tgt Ion:228 Resp: 1692187
 Ion Ratio Lower Upper
 228 100
 226 29.7 22.6 34.0
 229 20.8 16.3 24.5



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

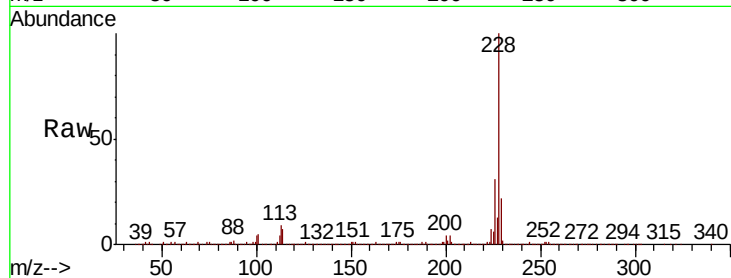




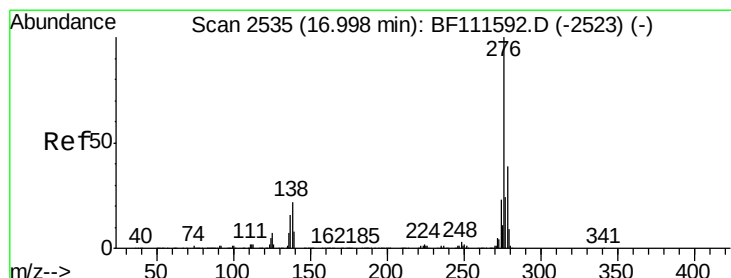
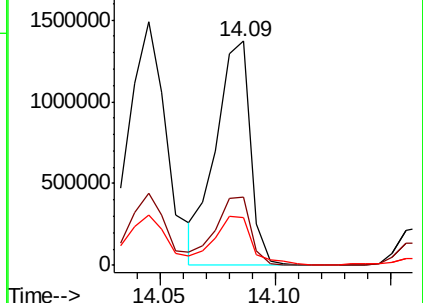
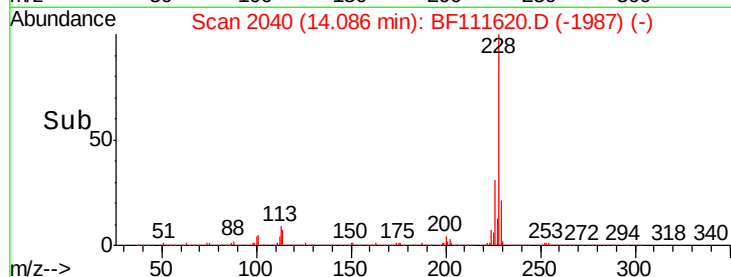
#83
Chrysene
Concen: 53.309 ng
RT: 14.09 min Scan# 2040
Delta R.T. 0.01 min
Lab File: BF111620.D
Acq: 20 Dec 2018 5:03

Instrument :
BNA_F
ClientSampleId :
EB03_1.5-3.5

Tgt Ion:228 Resp: 1416428
Ion Ratio Lower Upper
228 100
226 30.7 25.3 37.9
229 21.5 17.2 25.8

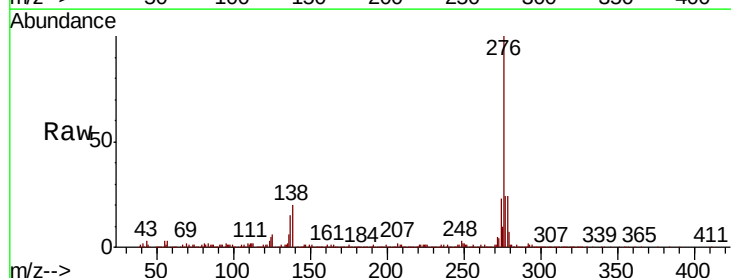


Abundance Ion 228.00 (227.70 to 228.70): E
2000000 Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

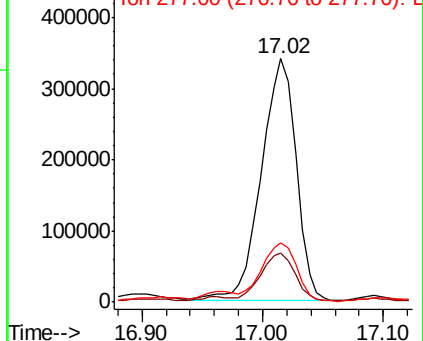
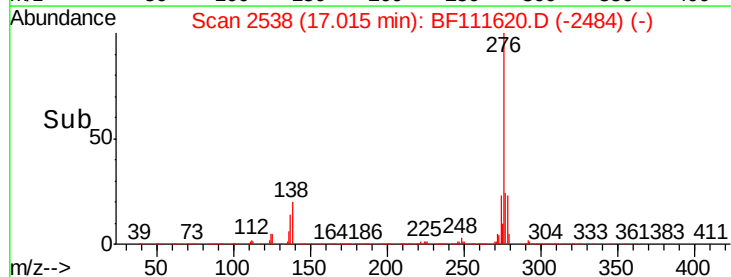


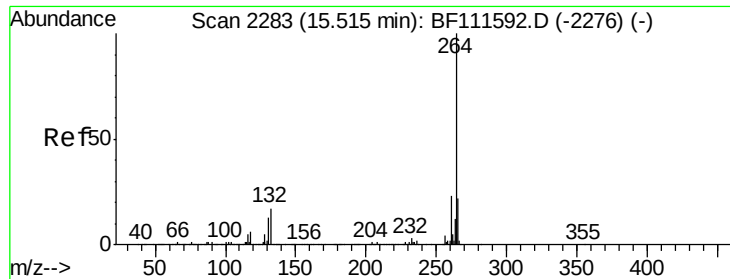
#86
Indeno(1,2,3-cd)pyrene
Concen: 30.036 ng
RT: 17.02 min Scan# 2538
Delta R.T. 0.02 min
Lab File: BF111620.D
Acq: 20 Dec 2018 5:03

Tgt Ion:276 Resp: 678443
Ion Ratio Lower Upper
276 100
138 19.7 27.8 41.6#
277 24.0 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E
400000 Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

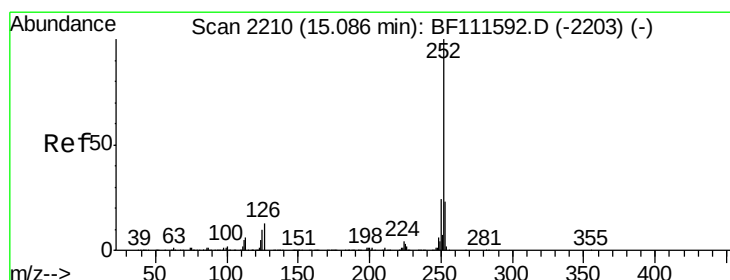
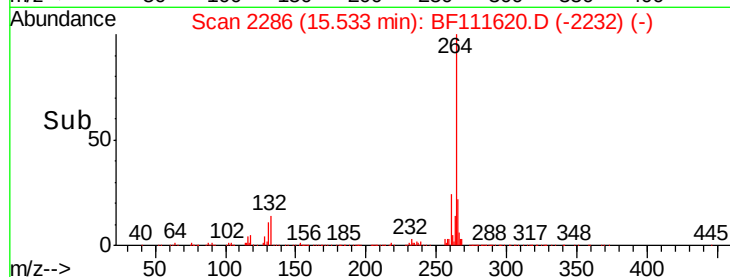
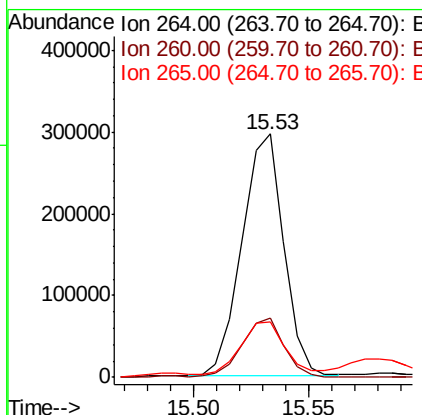
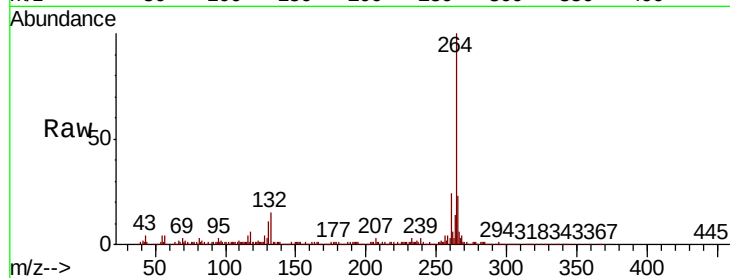




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2286
Delta R.T. 0.02 min
Lab File: BF111620.D
Acq: 20 Dec 2018 5:03

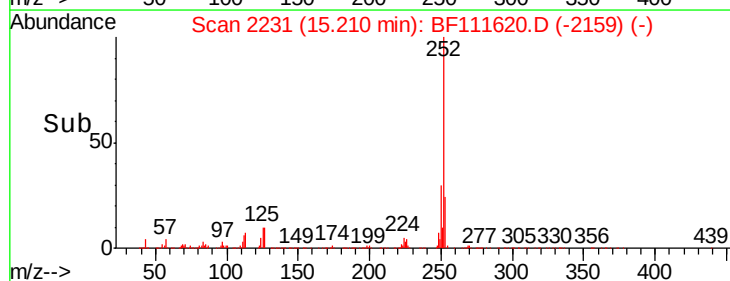
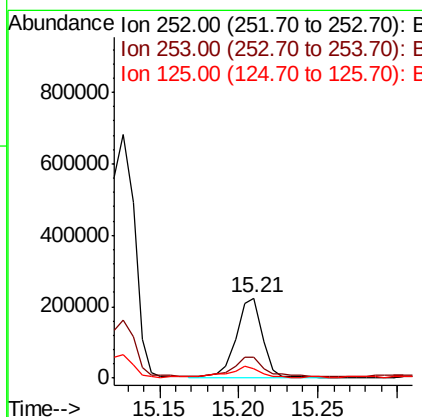
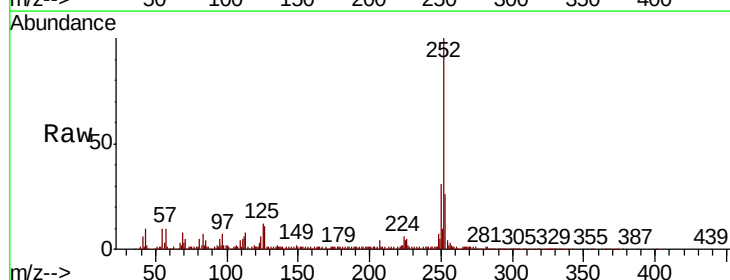
Instrument :
BNA_F
ClientSampleId :
EB03_1.5-3.5

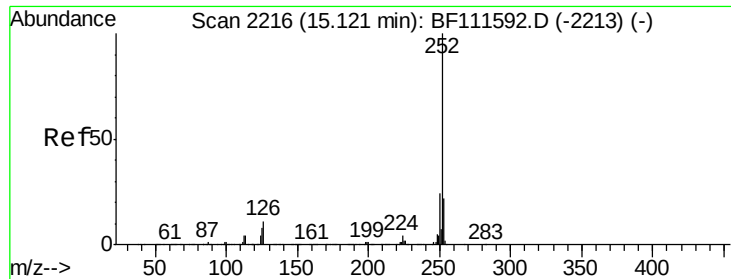
Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.3	27.5
265	22.5	17.7	26.5



#88
Benzo(b)fluoranthene
Concen: 11.478 ng
RT: 15.21 min Scan# 2231
Delta R.T. 0.12 min
Lab File: BF111620.D
Acq: 20 Dec 2018 5:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.2	18.2	27.2
125	12.1	10.4	15.6

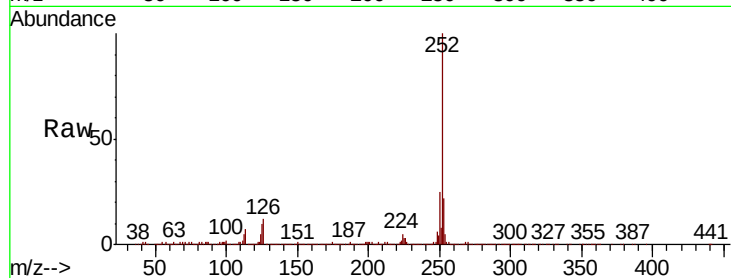




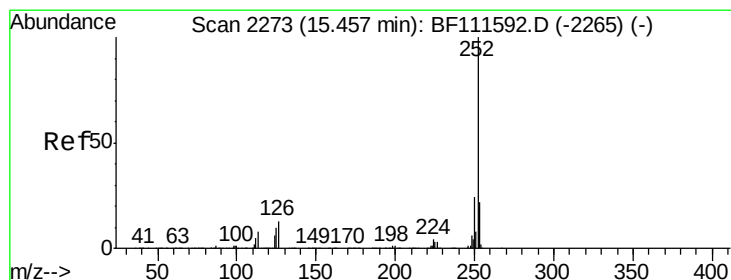
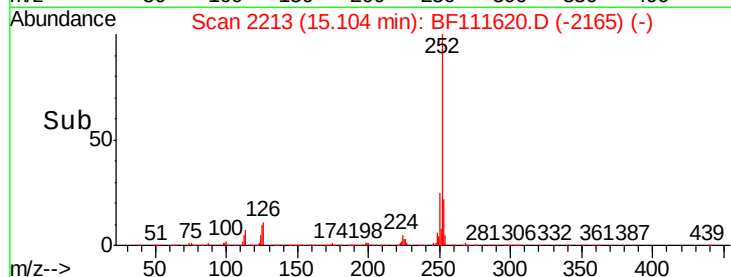
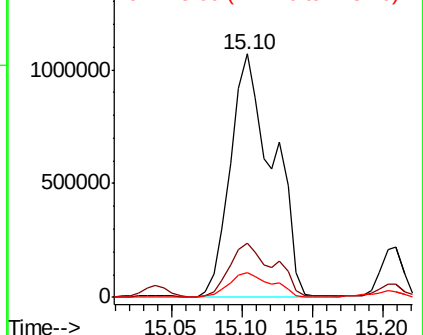
#89
Benzo(k)fluoranthene
Concen: 106.924 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.02 min
Lab File: BF111620.D
Acq: 20 Dec 2018 5:03

Instrument :
BNA_F
ClientSampleId :
EB03_1.5-3.5

Tgt Ion:252 Resp: 2234566
Ion Ratio Lower Upper
252 100
253 22.2 18.1 27.1
125 10.0 9.8 14.8

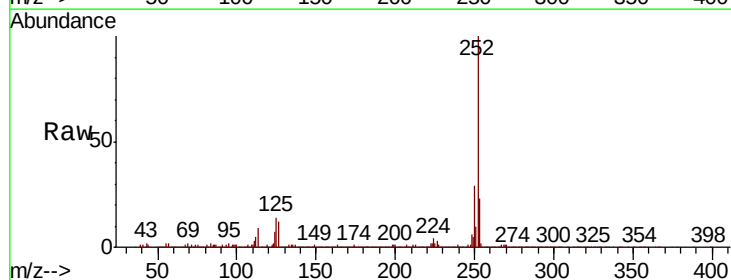


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

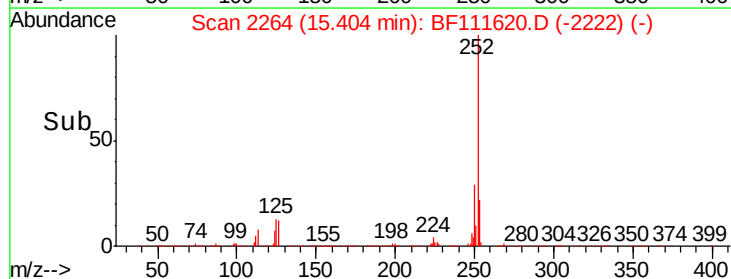
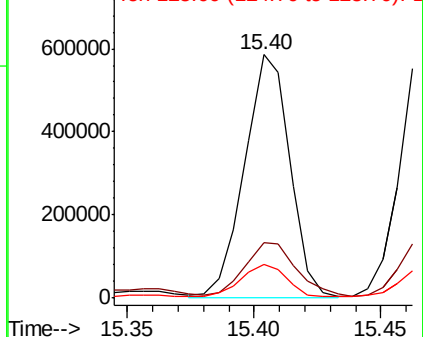


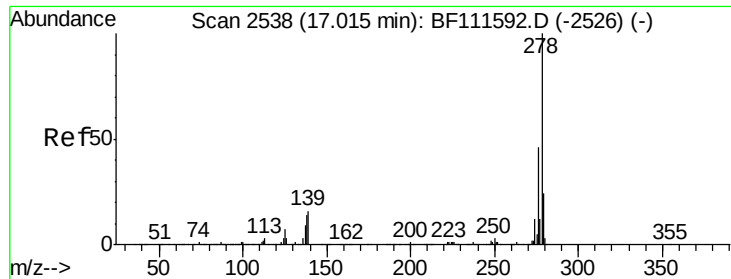
#90
Benzo(a)pyrene
Concen: 36.580 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.05 min
Lab File: BF111620.D
Acq: 20 Dec 2018 5:03

Tgt Ion:252 Resp: 729527
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.8
125 13.9 12.3 18.5



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: 9.549 ng

RT: 17.02 min Scan# 2539

Delta R.T. 0.01 min

Lab File: BF111620.D

Acq: 20 Dec 2018 5:03

Instrument :

BNA_F

ClientSampleId :

EB03_1.5-3.5

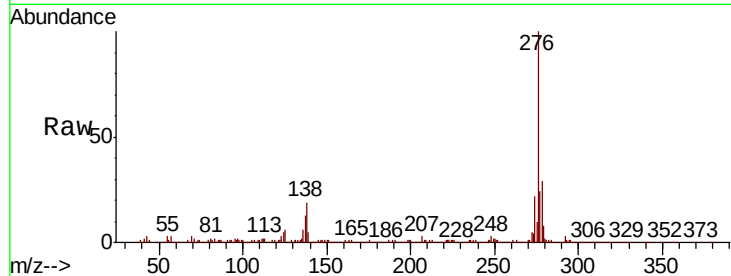
Tgt Ion:278 Resp: 166762

Ion Ratio Lower Upper

278 100

139 16.8 18.2 27.4#

279 26.7 19.0 28.6

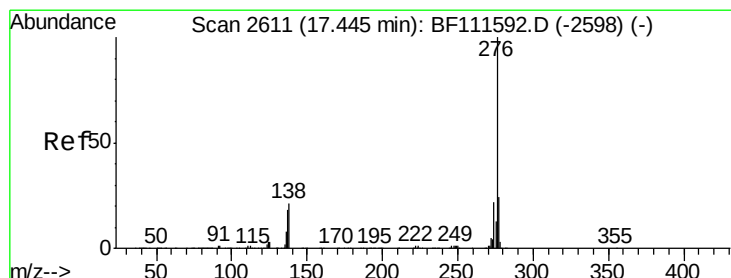
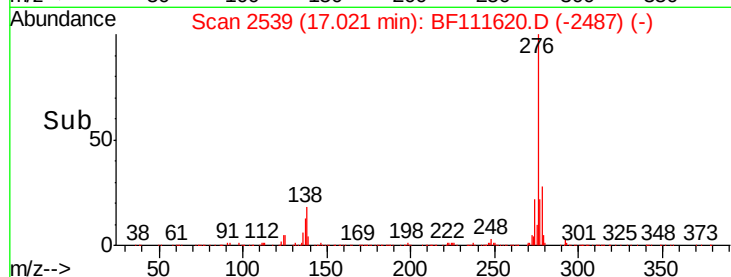
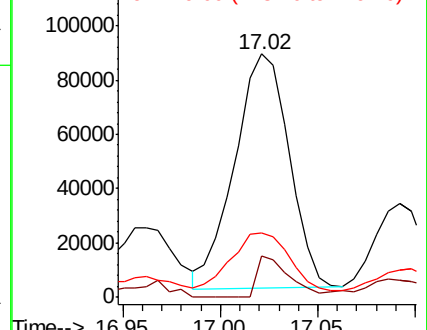


Abundance

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(g,h,i)perylene

Concen: 35.177 ng

RT: 17.46 min Scan# 2614

Delta R.T. 0.02 min

Lab File: BF111620.D

Acq: 20 Dec 2018 5:03

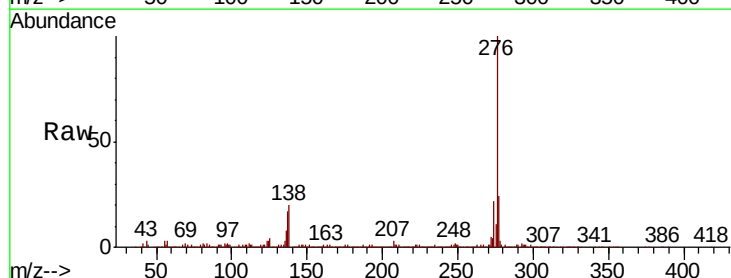
Tgt Ion:276 Resp: 599872

Ion Ratio Lower Upper

276 100

277 23.8 19.2 28.8

138 19.6 24.9 37.3#



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

