

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
 Data File : BF104042.D
 Acq On : 29 Mar 2018 10:07
 Operator : JU/SJ
 Sample : J2100-04DL 2X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 29 12:07:22 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 13:41:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	115086	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	469285	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	186873	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	275069	20.00	ng	0.00
75) Chrysene-d12	14.16	240	227970	20.00	ng	0.00
86) Perylene-d12	15.70	264	160770	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	335616	46.51	ng	0.00
7) Phenol-d6	6.59	99	488979	55.07	ng	-0.01
23) Nitrobenzene-d5	7.53	82	260309	33.92	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	80106	38.50	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	378858	31.97	ng	0.00
78) Terphenyl-d14	13.08	244	237754	24.08	ng	0.00

Target Compounds

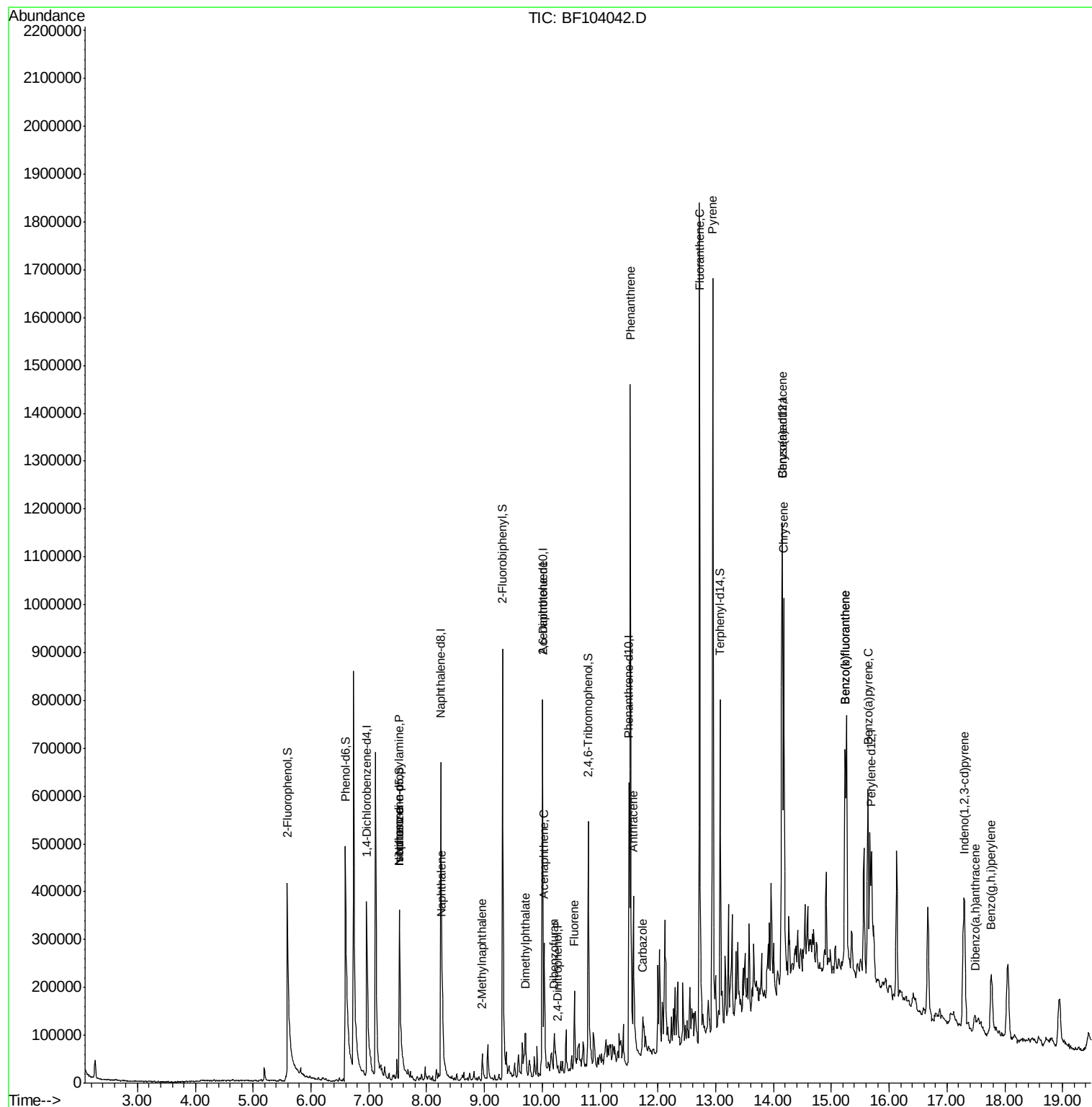
						Qvalue
9) Benzaldehyde	6.56	77	469	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.53	70	32173	6.106 ng	#	77
25) Isophorone	7.53	82	260309	18.407 ng	#	64
31) Naphthalene	8.27	128	109418	4.773 ng		97
37) 2-Methylnaphthalene	8.96	142	32020	2.120 ng		97
49) Dimethylphthalate	9.71	163	46777	3.170 ng		99
50) 2,6-Dinitrotoluene	10.00	165	25074	7.899 ng	#	26
51) Acenaphthene	10.03	154	64372	5.806 ng		98
53) 2,4-Dinitrophenol	10.27	184	482	5.896 ng	#	26
54) Dibenzofuran	10.22	168	50576	3.124 ng		97
57) Fluorene	10.56	166	67062	5.021 ng		96
70) Phenanthrene	11.53	178	678518	45.561 ng		99
71) Anthracene	11.57	178	205820	13.231 ng		98
72) Carbazole	11.74	167	51196	3.448 ng		99
74) Fluoranthene	12.72	202	793718	50.140 ng		97
77) Pyrene	12.95	202	795642	48.551 ng		99
80) Benzo(a)anthracene	14.14	228	350803	24.593 ng		98
82) Chrysene	14.18	228	318207	22.776 ng		98
85) Indeno(1,2,3-cd)pyrene	17.29	276	135145	9.335 ng	#	86
87) Benzo(b)fluoranthene	15.24	252	414120	42.325 ng		97
88) Benzo(k)fluoranthene	15.24	252	414120	44.931 ng		100
89) Benzo(a)pyrene	15.63	252	235927	26.020 ng		98
90) Dibenzo(a,h)anthracene	17.48	278	23292	2.778 ng		96
91) Benzo(g,h,i)perylene	17.77	276	133560	15.906 ng	#	94

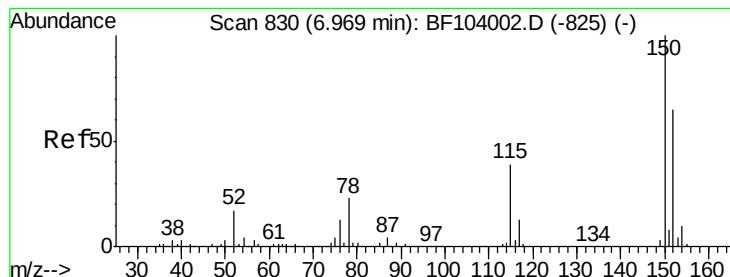
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
Data File : BF104042.D
Acq On : 29 Mar 2018 10:07
Operator : JU/SJ
Sample : J2100-04DL 2X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 29 12:07:22 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 28 13:41:47 2018
Response via : Initial Calibration



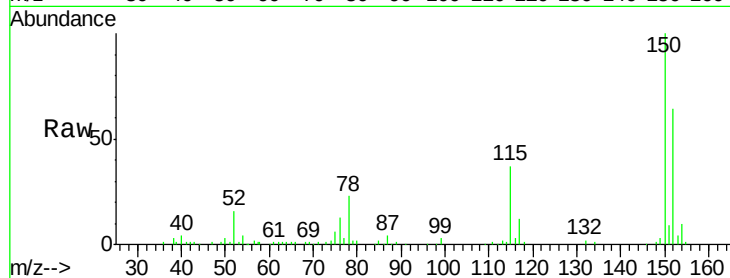


#1

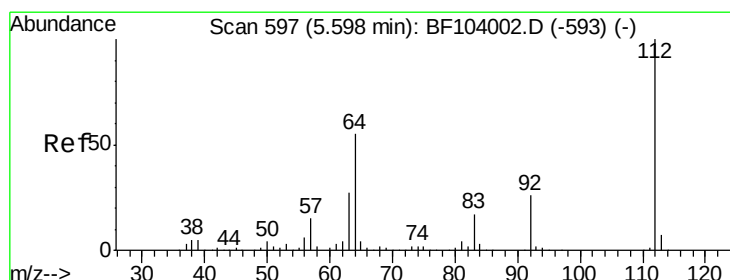
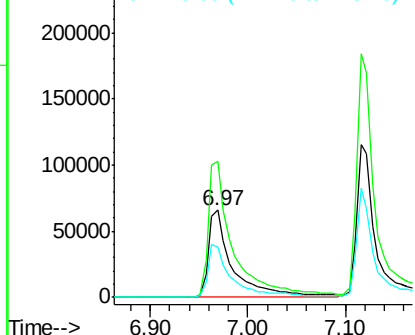
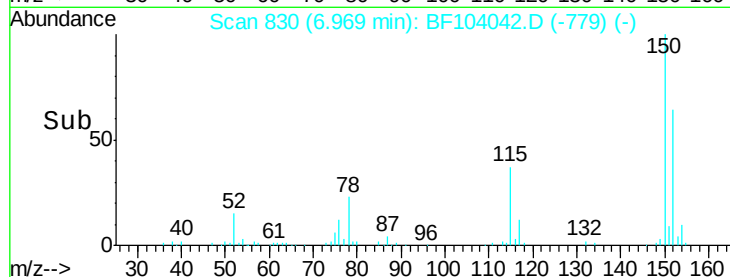
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF104042.D
Acq: 29 Mar 2018 10:07

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 115086
Ion Ratio Lower Upper
152 100
150 157.2 124.6 186.8
115 58.2 50.1 75.1



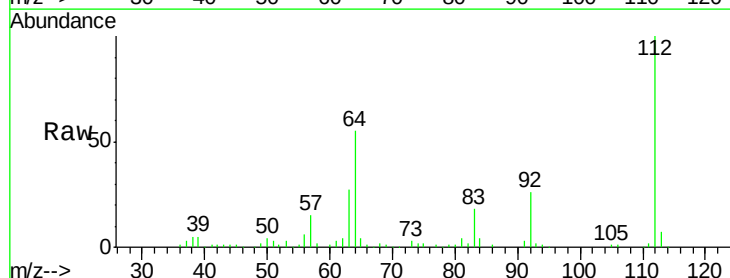
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



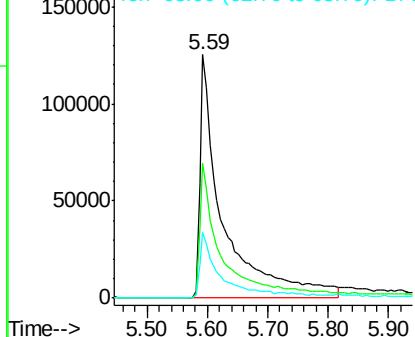
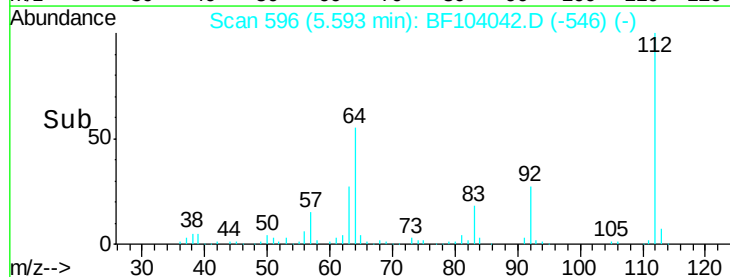
#5

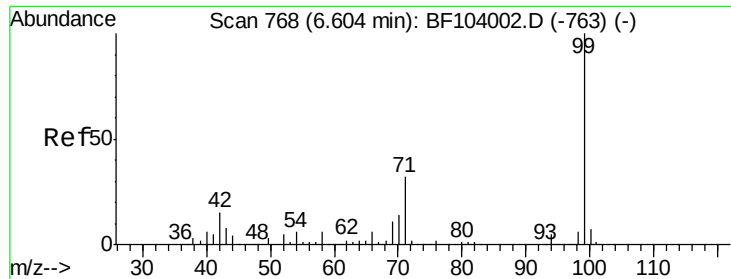
2-Fluorophenol
Concen: 46.506 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF104042.D
Acq: 29 Mar 2018 10:07

Tgt Ion:112 Resp: 335616
Ion Ratio Lower Upper
112 100
64 55.2 47.9 71.9
63 26.7 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: 55.074 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF104042.D

Acq: 29 Mar 2018 10:07

Instrument :

BNA_F

ClientSampled :

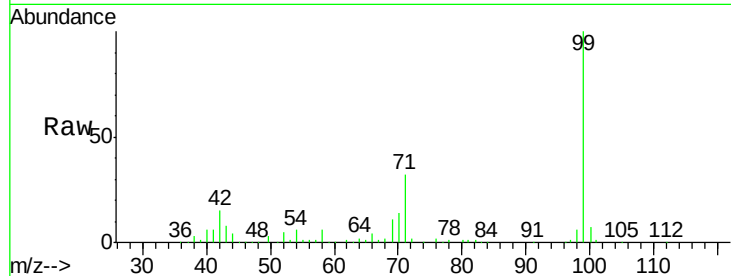
Tot Ion: 99 Resp: 488979

Ion Ratio Lower Upper

99 100

42 15.4 14.5 21.7

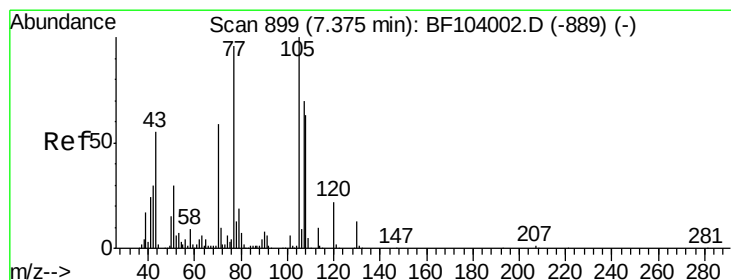
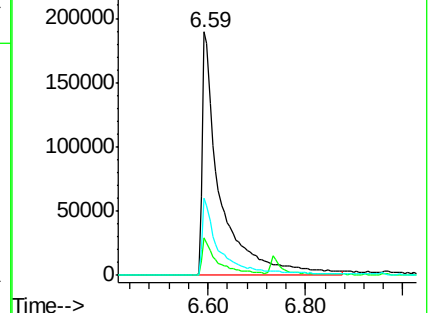
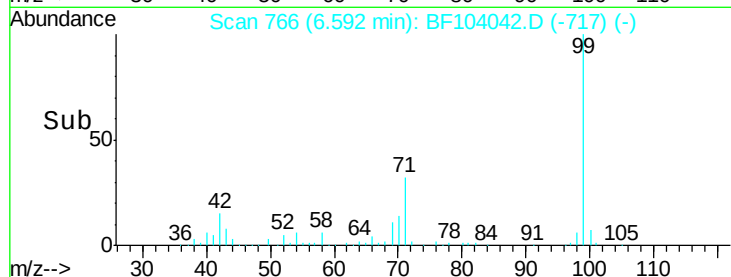
71 31.9 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 6.106 ng

RT: 7.53 min Scan# 925

Delta R.T. 0.15 min

Lab File: BF104042.D

Acq: 29 Mar 2018 10:07

Tgt Ion: 70 Resp: 32173

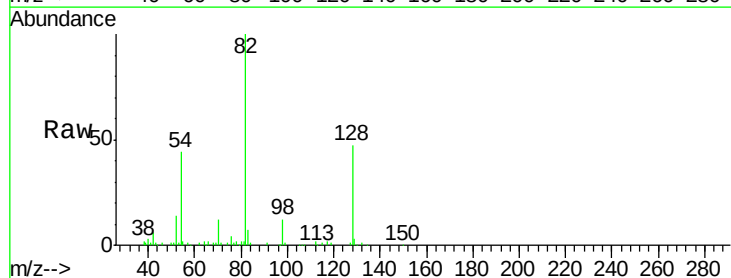
Ion Ratio Lower Upper

70 100

42 46.6 47.5 71.3#

101 0.0 7.4 11.2#

130 3.3 16.6 25.0#

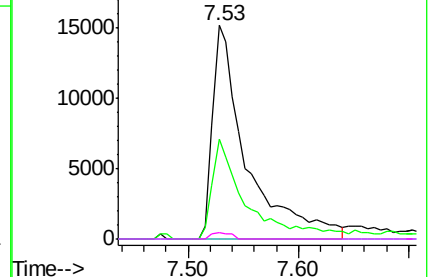
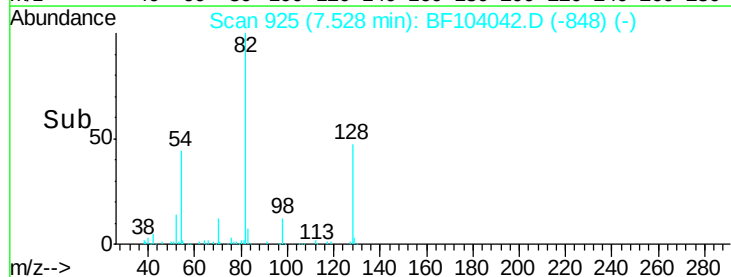


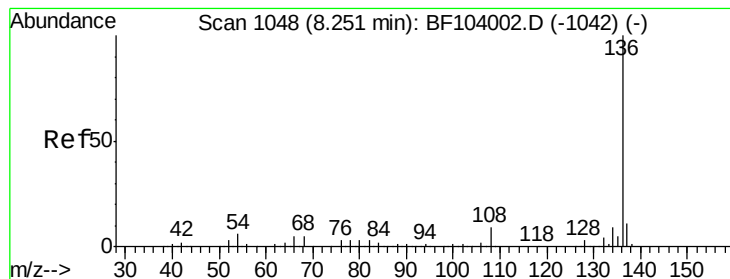
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF104042.D

Acq: 29 Mar 2018 10:07

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 469285

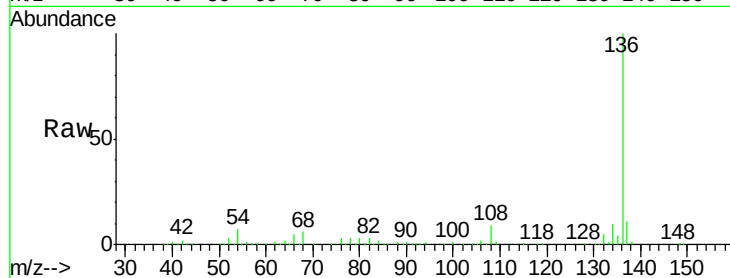
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.9 6.6 9.8

68 5.9 5.0 7.4

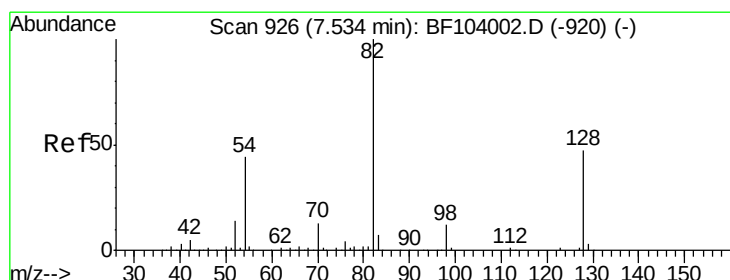
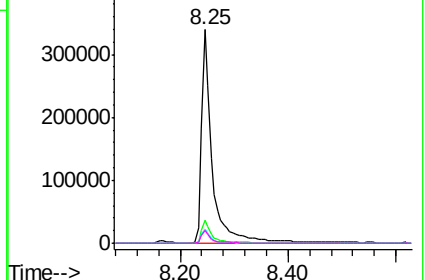
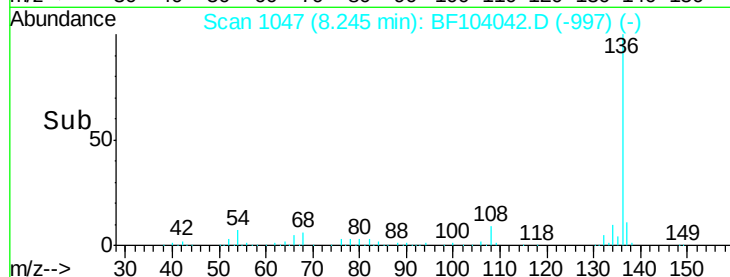


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 33.923 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF104042.D

Acq: 29 Mar 2018 10:07

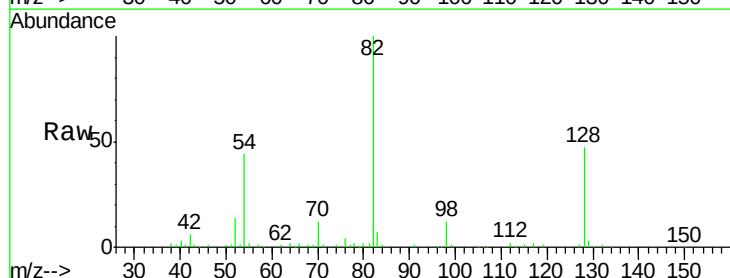
Tgt Ion: 82 Resp: 260309

Ion Ratio Lower Upper

82 100

128 46.8 36.1 54.1

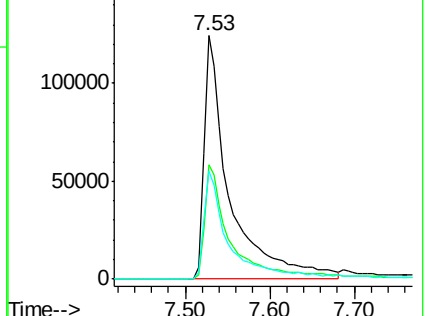
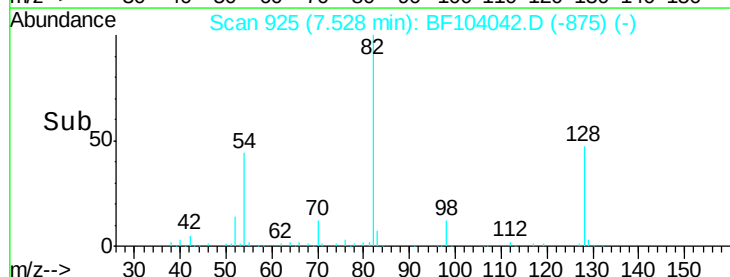
54 44.3 41.4 62.2

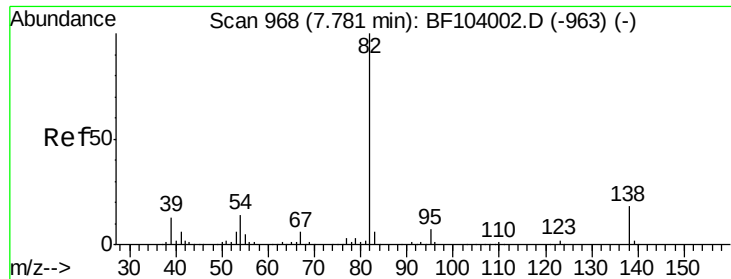


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 18.407 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.25 min

Lab File: BF104042.D

Acq: 29 Mar 2018 10:07

Instrument :

BNA_F

ClientSampleId :

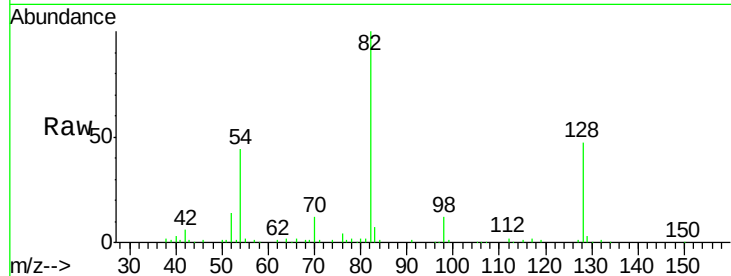
Tot Ion: 82 Resp: 260309

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

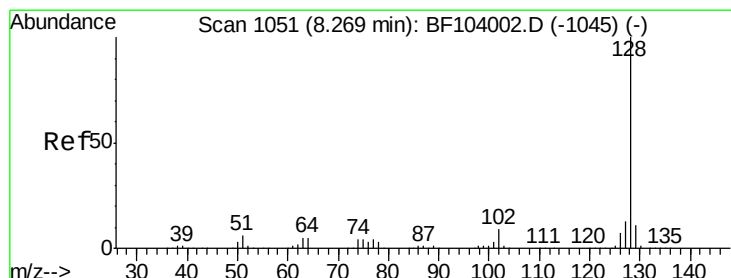
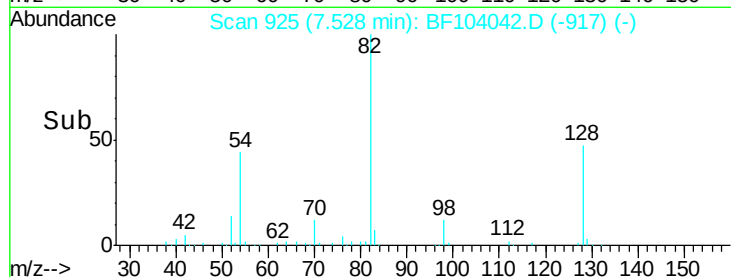
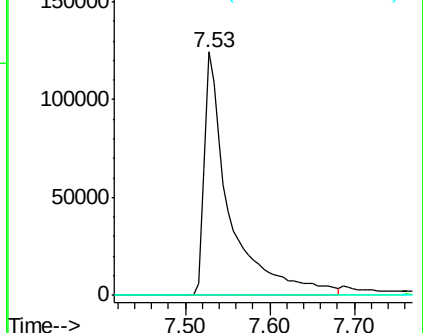
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#31

Naphthalene

Concen: 4.773 ng

RT: 8.27 min Scan# 1051

Delta R.T. -0.00 min

Lab File: BF104042.D

Acq: 29 Mar 2018 10:07

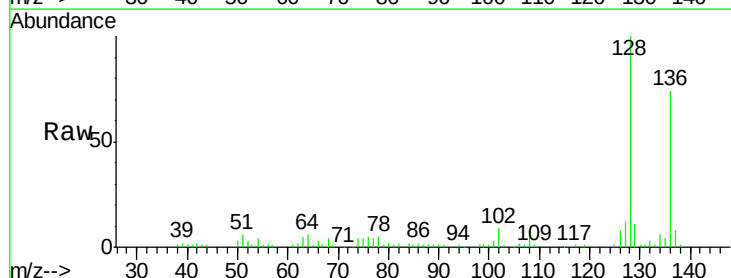
Tgt Ion: 128 Resp: 109418

Ion Ratio Lower Upper

128 100

129 10.8 8.8 13.2

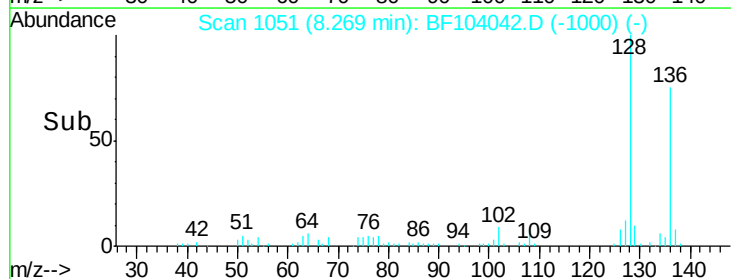
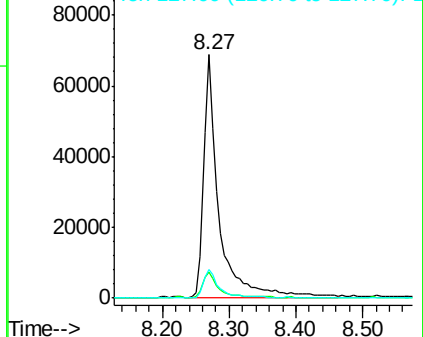
127 11.9 10.9 16.3

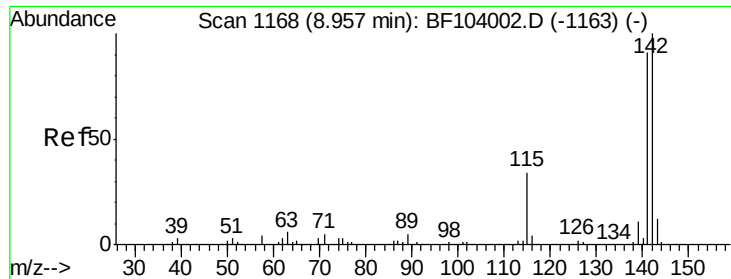


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

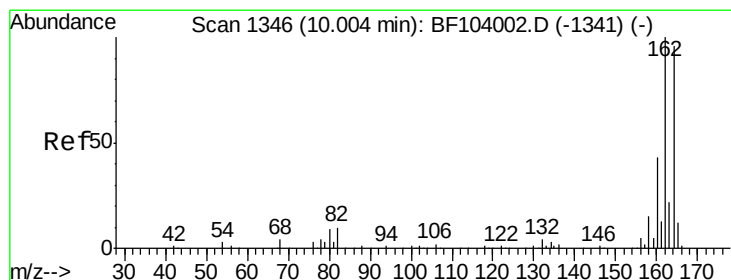
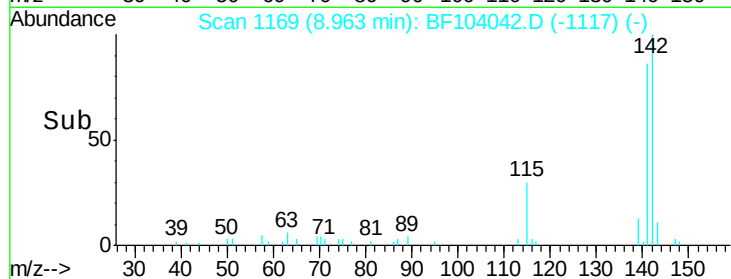
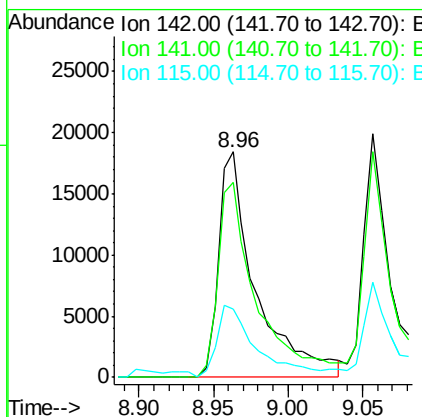
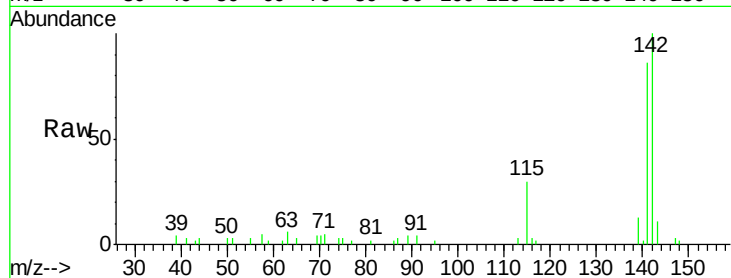




#37
2-Methylnaphthalene
Concen: 2.120 ng
RT: 8.96 min Scan# 1169
Delta R.T. 0.01 min
Lab File: BF104042.D
Acq: 29 Mar 2018 10:07

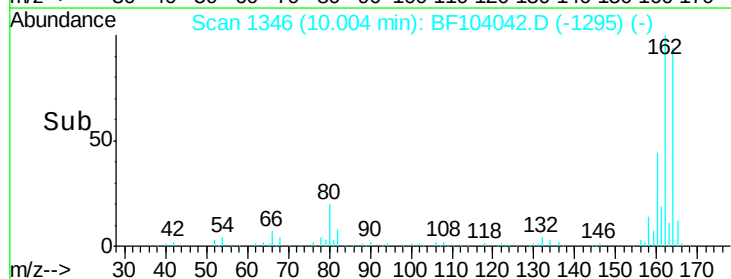
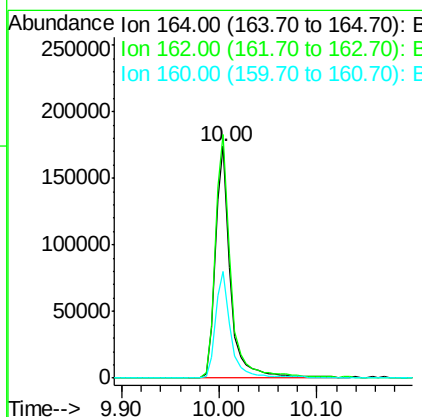
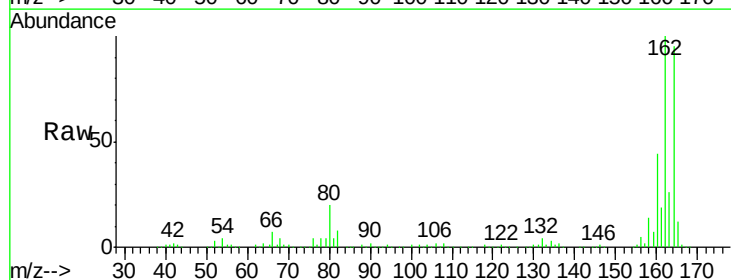
Instrument :
BNA_F
ClientSampled :

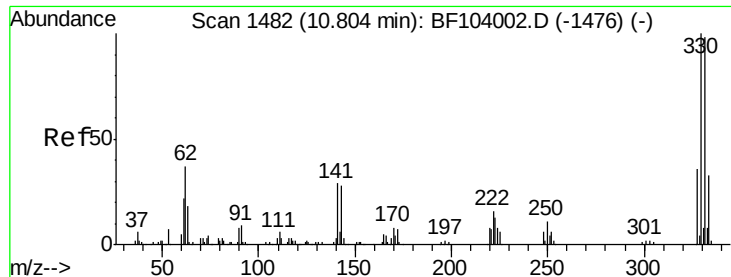
Tot Ion:142 Resp: 32020
Ion Ratio Lower Upper
142 100
141 86.4 70.8 106.2
115 30.1 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BF104042.D
Acq: 29 Mar 2018 10:07

Tgt Ion:164 Resp: 186873
Ion Ratio Lower Upper
164 100
162 104.9 86.1 129.1
160 46.0 38.3 57.5

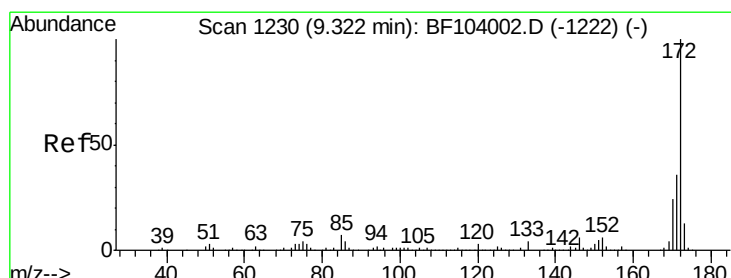
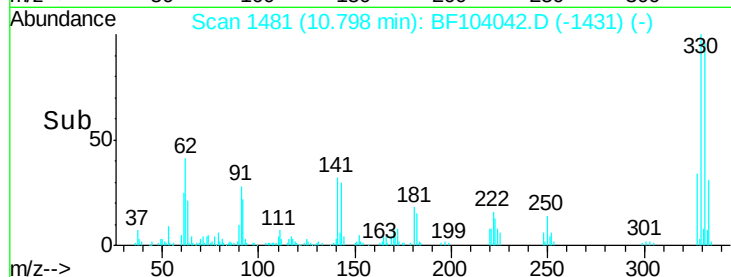
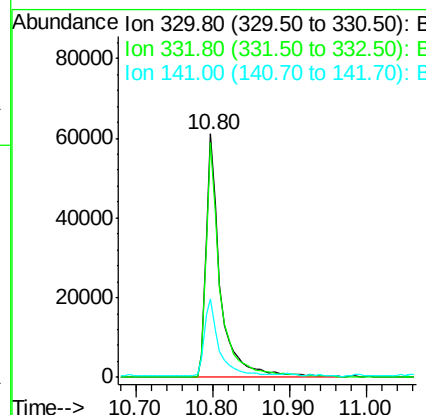
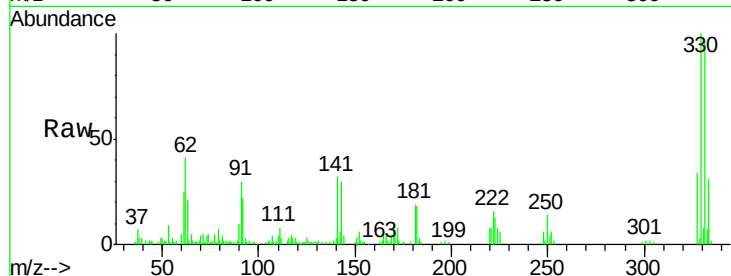




#41
 2,4,6-Tribromophenol
 Concen: 38.497 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: BF104042.D
 Acq: 29 Mar 2018 10:07

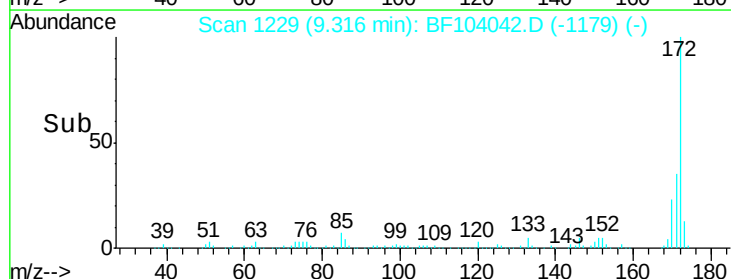
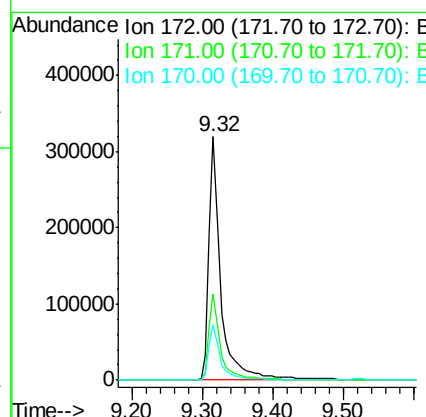
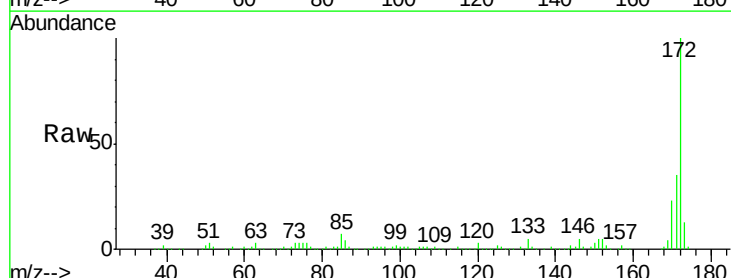
Instrument :
 BNA_F
 ClientSampleId :

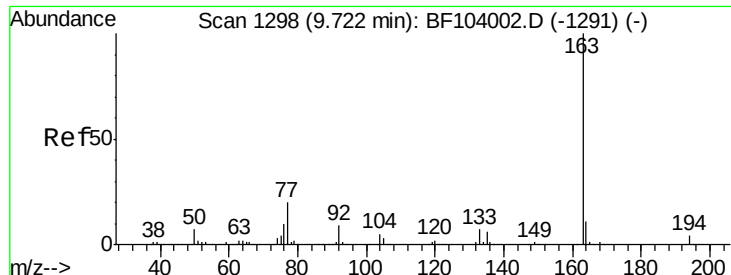
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	30.9	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 31.970 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF104042.D
 Acq: 29 Mar 2018 10:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.7	44.5
170	22.6	19.6	29.4

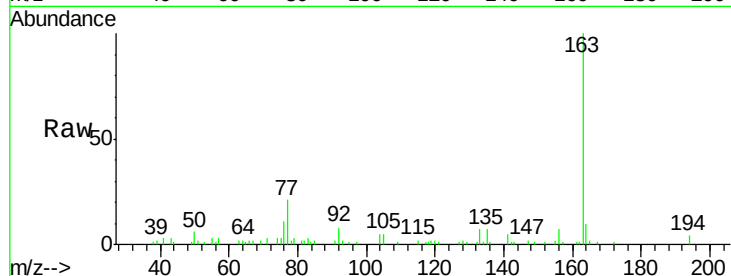




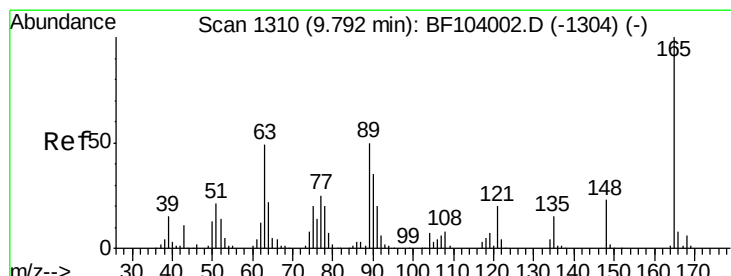
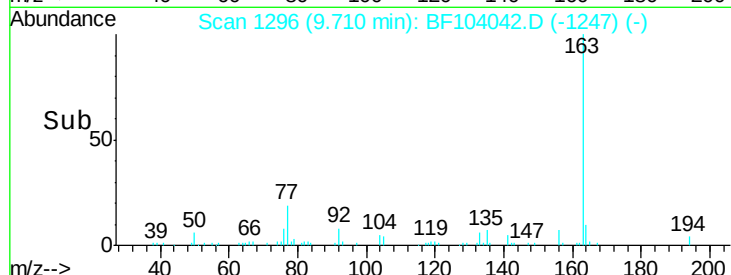
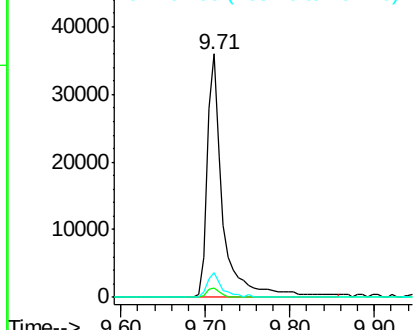
#49
Dimethylphthalate
Concen: 3.170 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF104042.D
Acq: 29 Mar 2018 10:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 46777
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.4 8.2 12.2

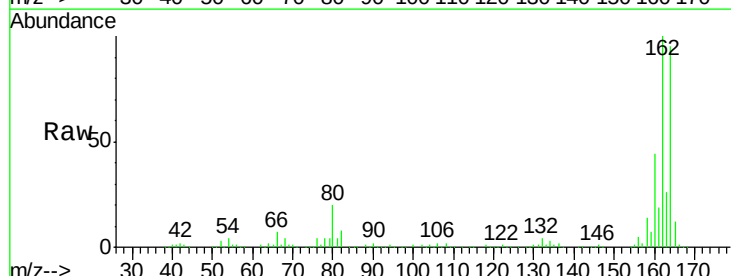


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

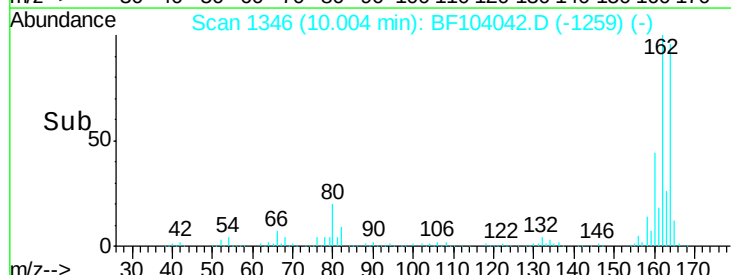
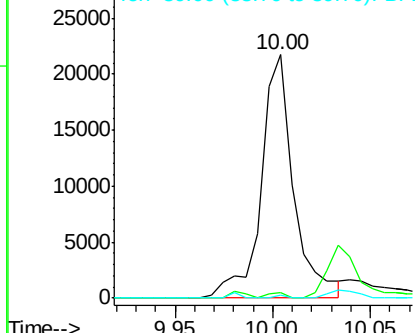


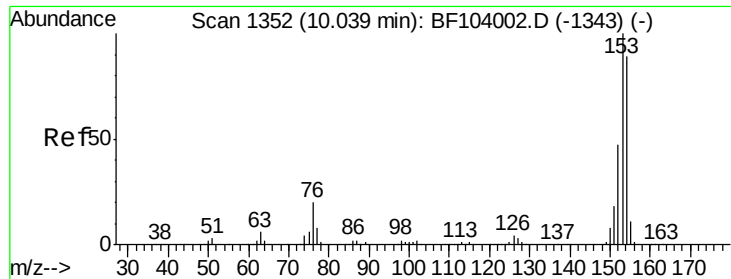
#50
2,6-Dinitrotoluene
Concen: 7.899 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.21 min
Lab File: BF104042.D
Acq: 29 Mar 2018 10:07

Tgt Ion:165 Resp: 25074
Ion Ratio Lower Upper
165 100
63 2.1 44.7 67.1#
89 1.4 44.0 66.0#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 5.806 ng

RT: 10.03 min Scan# 1351

Delta R.T. -0.01 min

Lab File: BF104042.D

Acq: 29 Mar 2018 10:07

Instrument :

BNA_F

ClientSampleId :

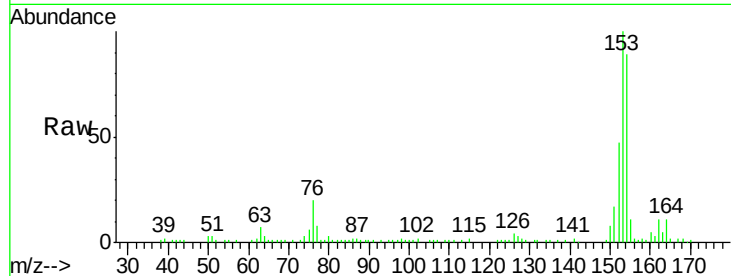
Tot Ion:154 Resp: 64372

Ion Ratio Lower Upper

154 100

153 112.5 91.2 136.8

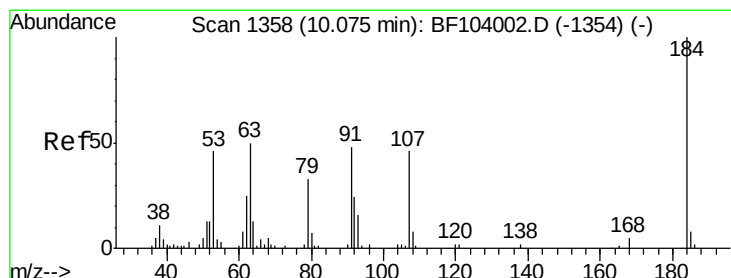
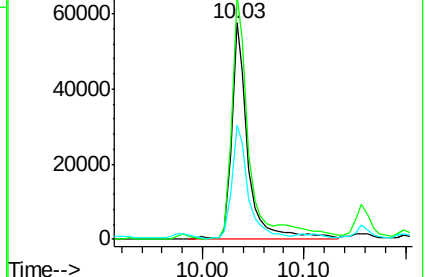
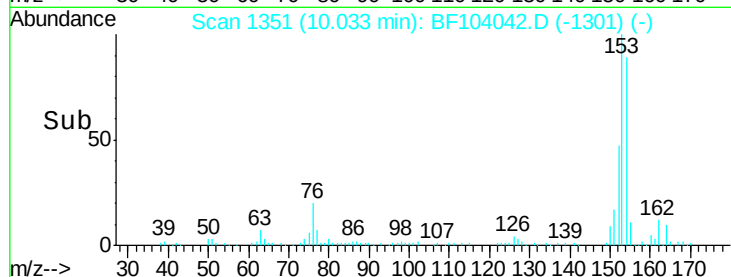
152 52.9 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

2,4-Dinitrophenol

Concen: 5.896 ng

RT: 10.27 min Scan# 1391

Delta R.T. 0.19 min

Lab File: BF104042.D

Acq: 29 Mar 2018 10:07

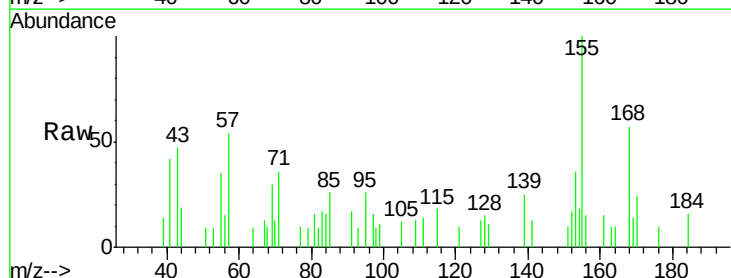
Tgt Ion:184 Resp: 482

Ion Ratio Lower Upper

184 100

63 0.0 54.2 81.2#

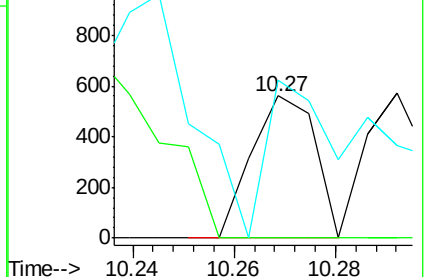
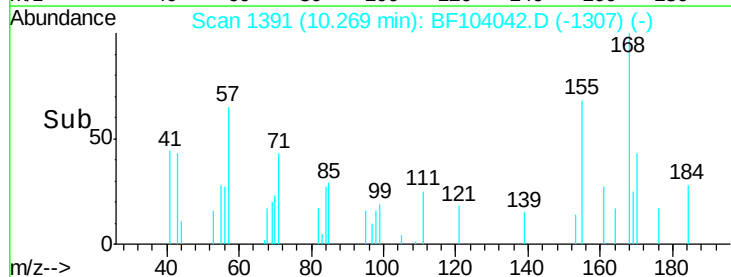
154 111.6 184.0 276.0#

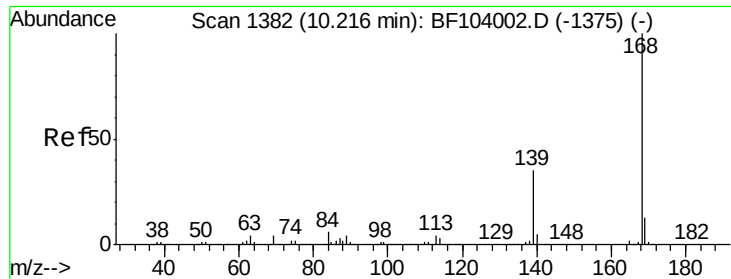


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 3.124 ng

RT: 10.22 min Scan# 1382

Delta R.T. -0.00 min

Lab File: BF104042.D

Acq: 29 Mar 2018 10:07

Instrument :

BNA_F

ClientSampleId :

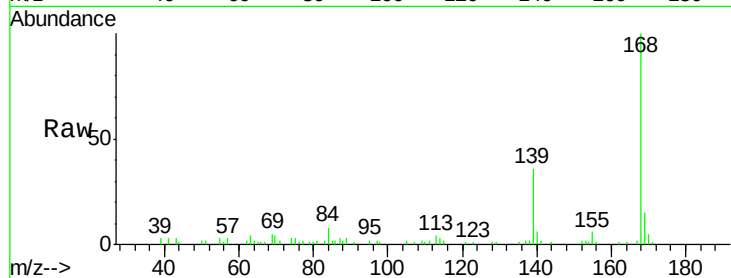
Tot Ion:168 Resp: 50576

Ion Ratio Lower Upper

168 100

139 35.6 30.1 45.1

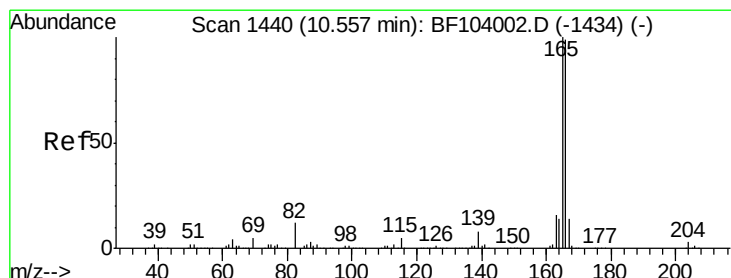
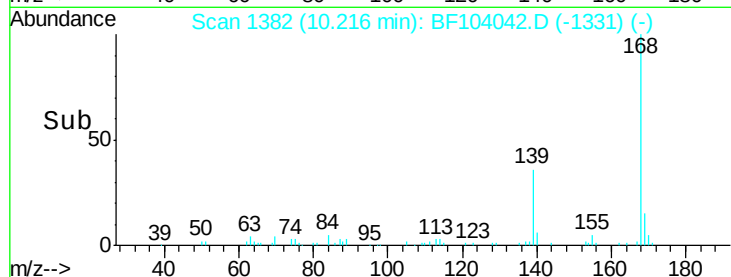
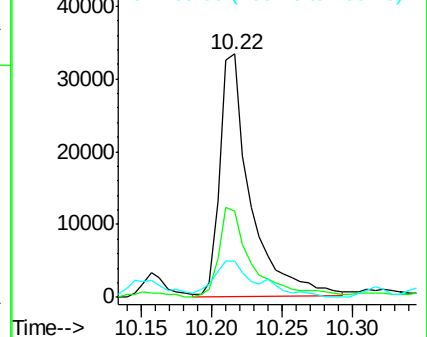
169 14.9 10.9 16.3



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



#57

Fluorene

Concen: 5.021 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.00 min

Lab File: BF104042.D

Acq: 29 Mar 2018 10:07

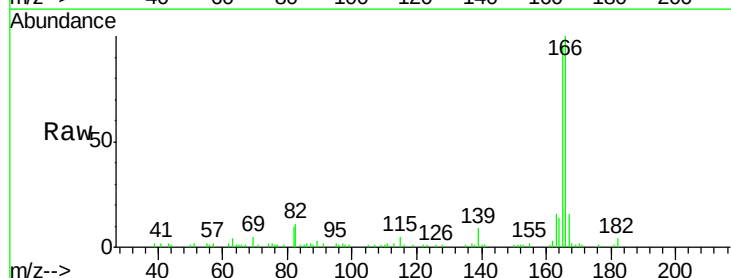
Tgt Ion:166 Resp: 67062

Ion Ratio Lower Upper

166 100

165 95.9 79.8 119.8

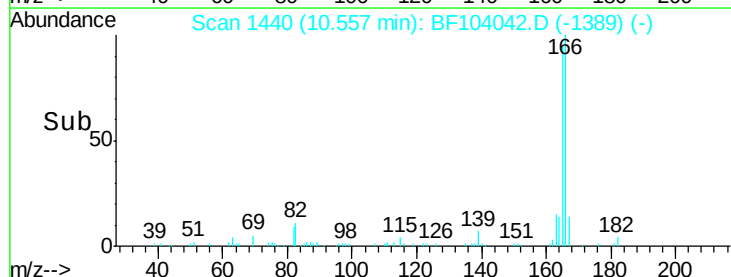
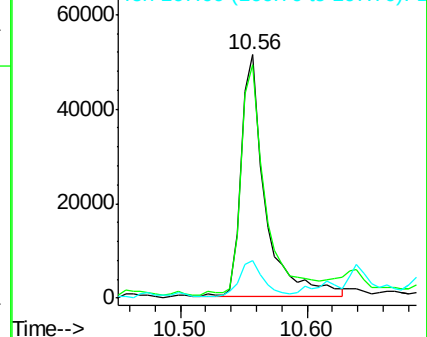
167 15.5 10.6 16.0

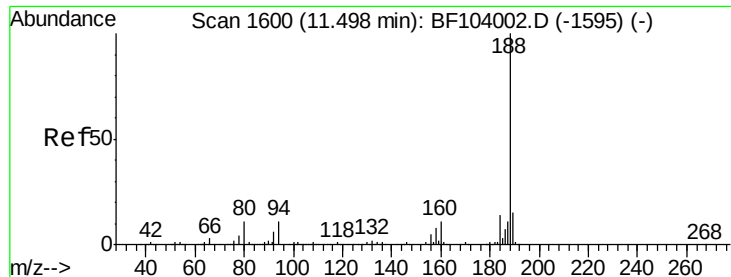


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1600

Delta R.T. -0.00 min

Lab File: BF104042.D

Acq: 29 Mar 2018 10:07

Instrument :

BNA_F

ClientSampleId :

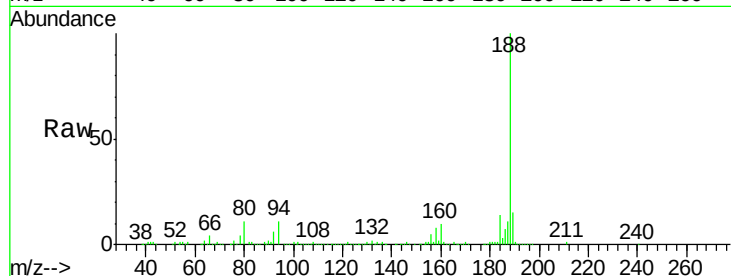
Tot Ion:188 Resp: 275069

Ion Ratio Lower Upper

188 100

94 10.6 8.5 12.7

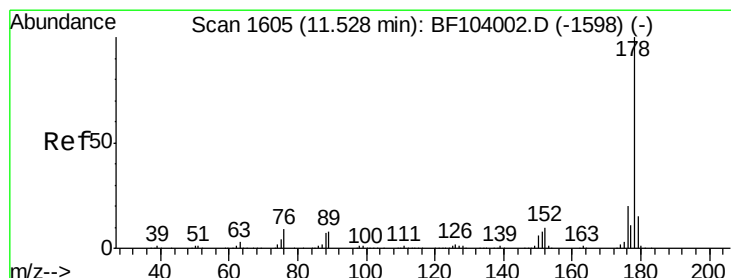
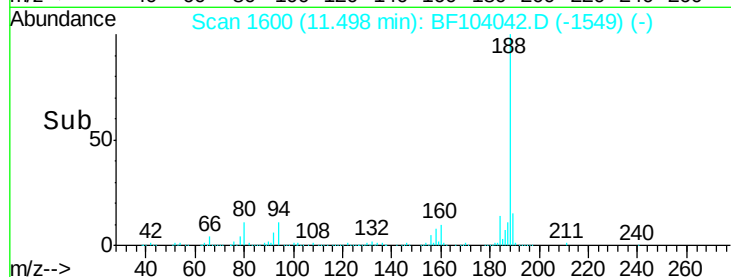
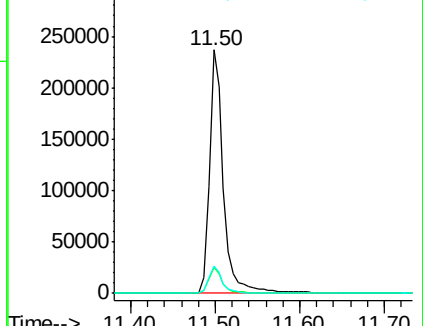
80 11.3 9.2 13.8



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: 45.561 ng

RT: 11.53 min Scan# 1605

Delta R.T. -0.00 min

Lab File: BF104042.D

Acq: 29 Mar 2018 10:07

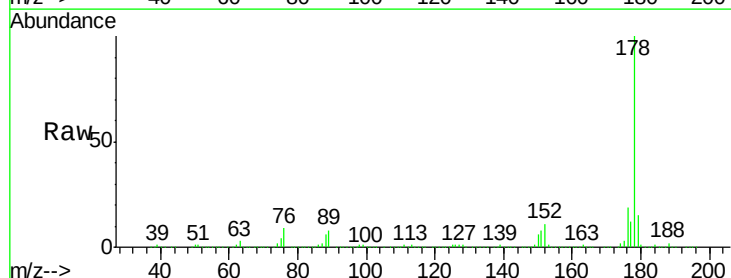
Tgt Ion:178 Resp: 678518

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.8

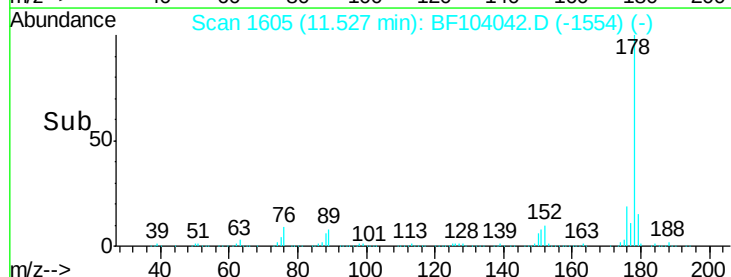
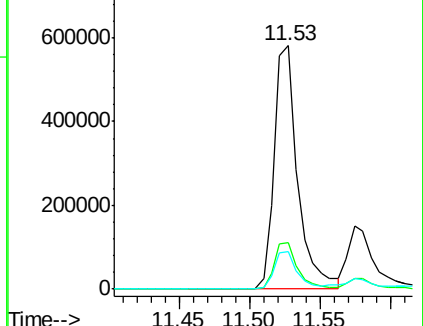
179 15.5 13.0 19.6

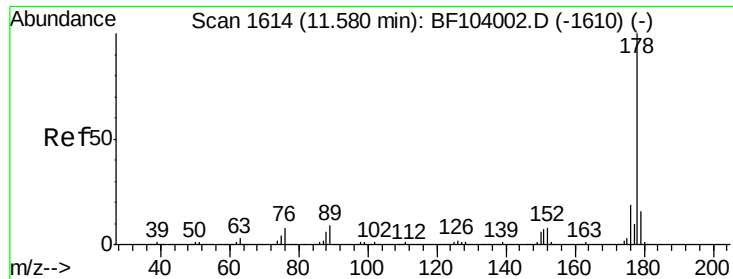


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

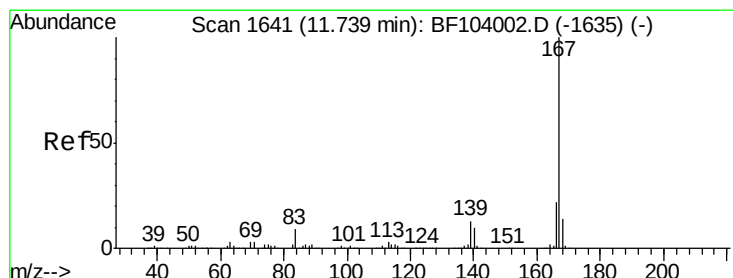
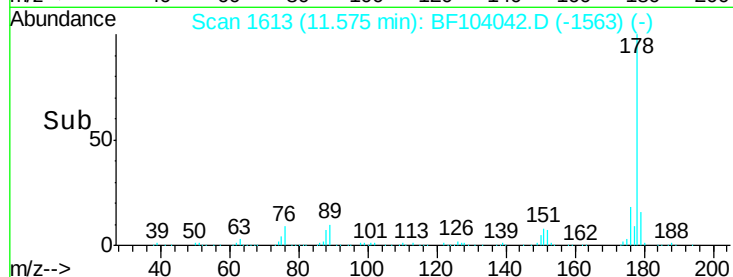
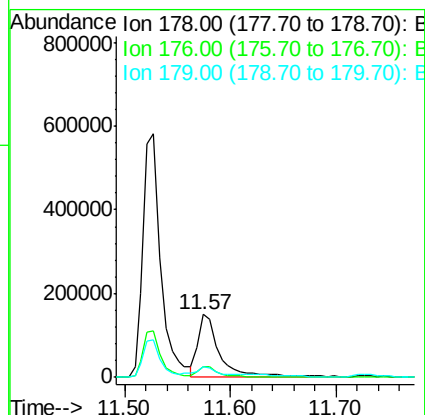
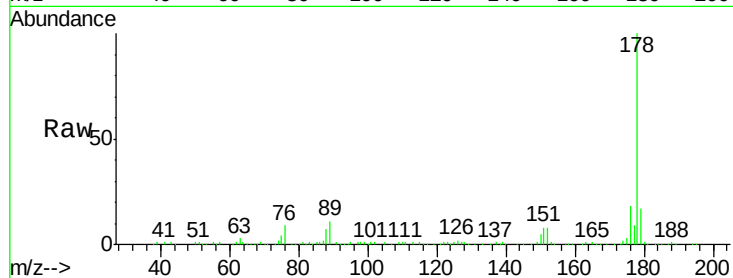




#71
 Anthracene
 Concen: 13.231 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. -0.01 min
 Lab File: BF104042.D
 Acq: 29 Mar 2018 10:07

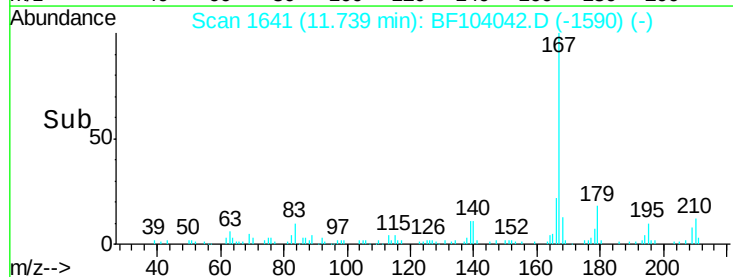
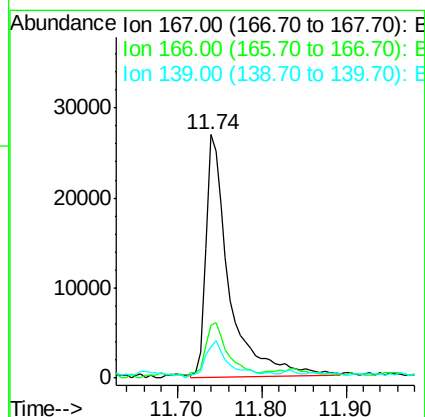
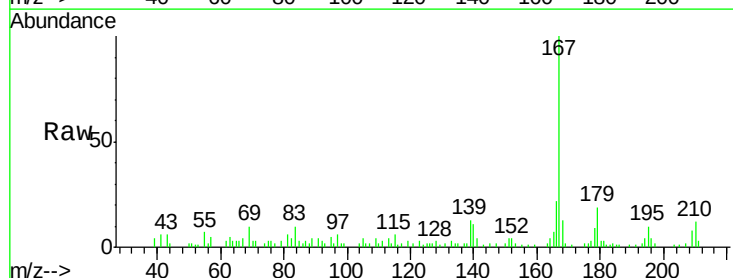
Instrument :
 BNA_F
 ClientSampleId :

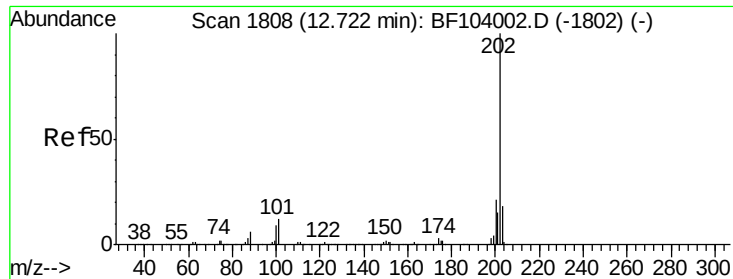
Tot Ion:178 Resp: 205820
 Ion Ratio Lower Upper
 178 100
 176 18.0 15.4 23.2
 179 16.6 12.6 19.0



#72
 Carbazole
 Concen: 3.448 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. -0.00 min
 Lab File: BF104042.D
 Acq: 29 Mar 2018 10:07

Tgt Ion:167 Resp: 51196
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.6 26.4
 139 12.7 10.9 16.3





#74

Fluoranthene

Concen: 50.140 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.00 min

Lab File: BF104042.D

Acq: 29 Mar 2018 10:07

Instrument :

BNA_F

ClientSampled :

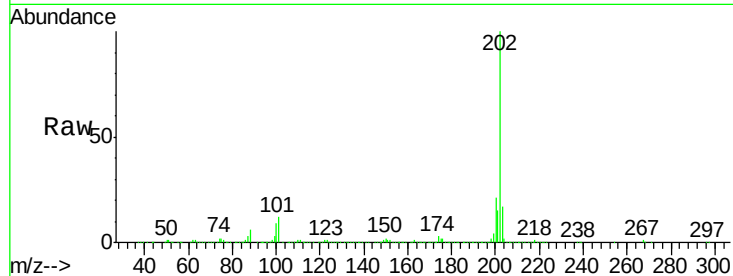
Tot Ion:202 Resp: 793718

Ion Ratio Lower Upper

202 100

101 12.1 0.0 34.1

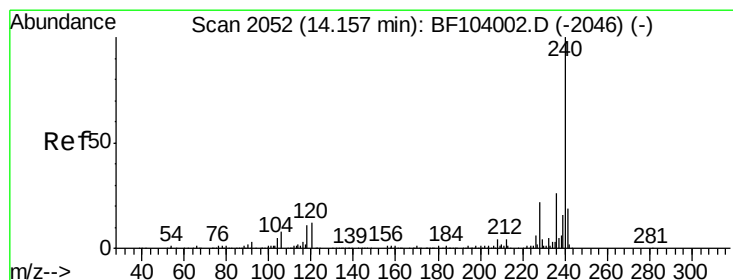
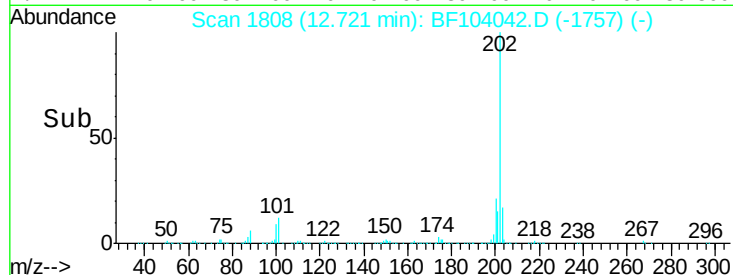
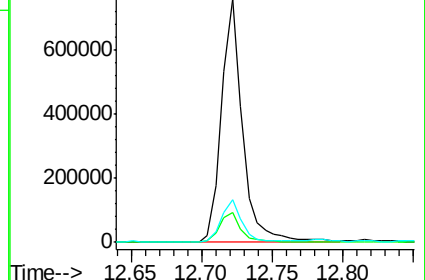
203 17.4 0.0 38.1



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: 14.16 min Scan# 2052

Delta R.T. -0.00 min

Lab File: BF104042.D

Acq: 29 Mar 2018 10:07

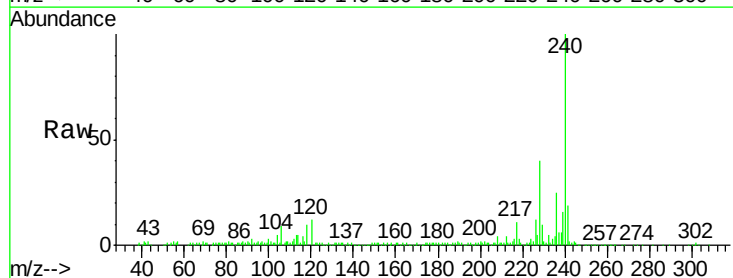
Tgt Ion:240 Resp: 227970

Ion Ratio Lower Upper

240 100

120 12.2 9.5 14.3

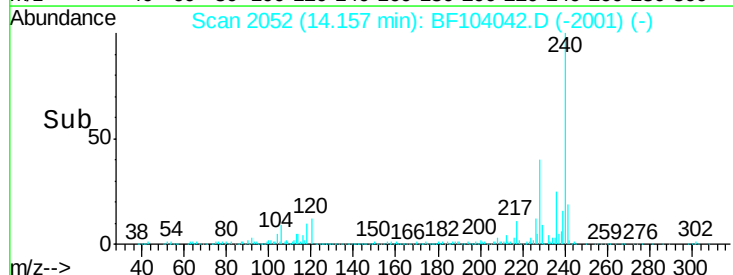
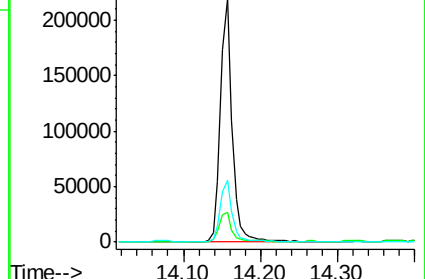
236 25.2 20.7 31.1

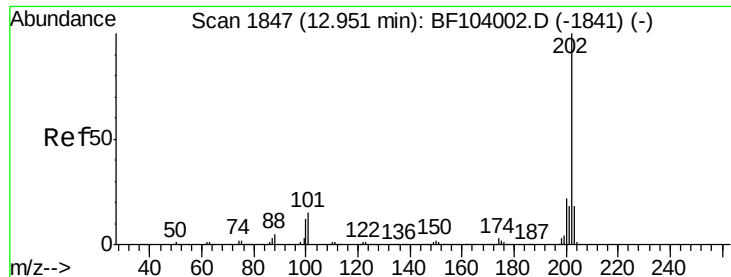


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

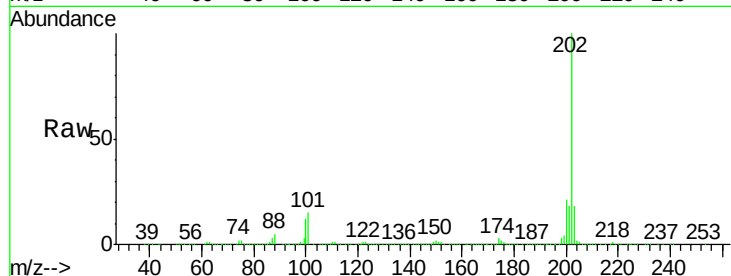




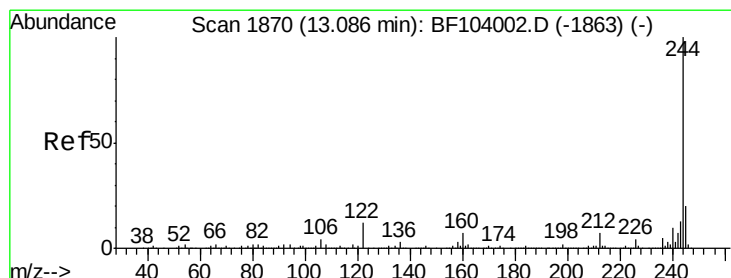
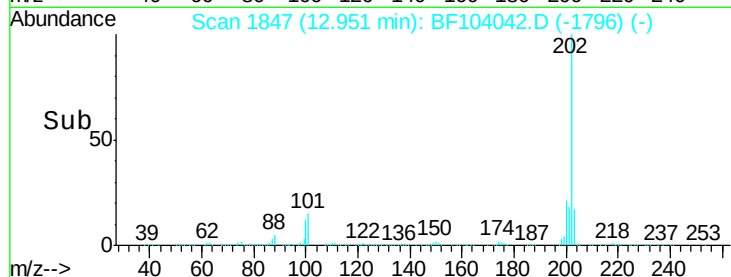
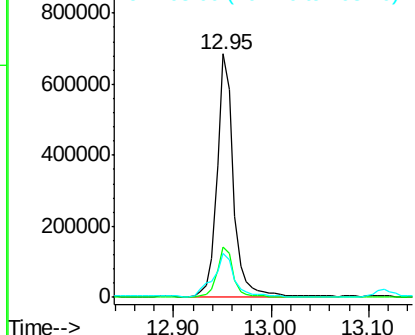
#77
Pvrene
Concen: 48.551 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.00 min
Lab File: BF104042.D
Acq: 29 Mar 2018 10:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 795642
Ion Ratio Lower Upper
202 100
200 20.6 17.4 26.2
203 17.8 14.3 21.5

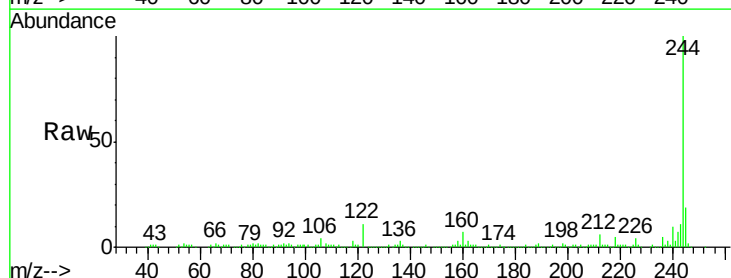


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

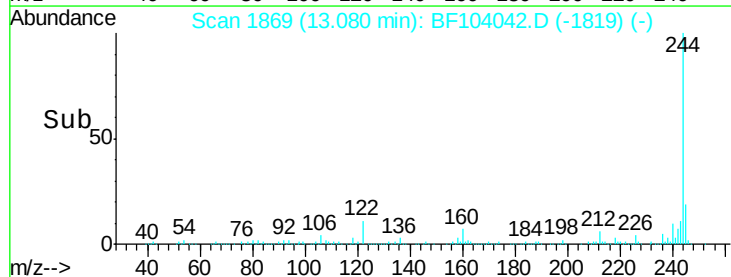
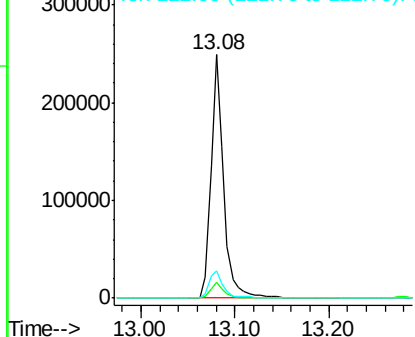


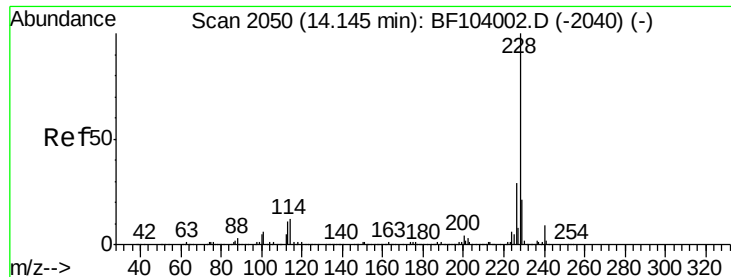
#78
Terphenyl-d14
Concen: 24.080 ng
RT: 13.08 min Scan# 1869
Delta R.T. -0.01 min
Lab File: BF104042.D
Acq: 29 Mar 2018 10:07

Tgt Ion:244 Resp: 237754
Ion Ratio Lower Upper
244 100
212 6.4 5.4 8.0
122 11.4 11.0 16.4



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





#80

Benzo(a)anthracene

Concen: 24.593 ng

RT: 14.14 min Scan# 2050

Delta R.T. -0.00 min

Lab File: BF104042.D

Acq: 29 Mar 2018 10:07

Instrument :

BNA_F

ClientSampleId :

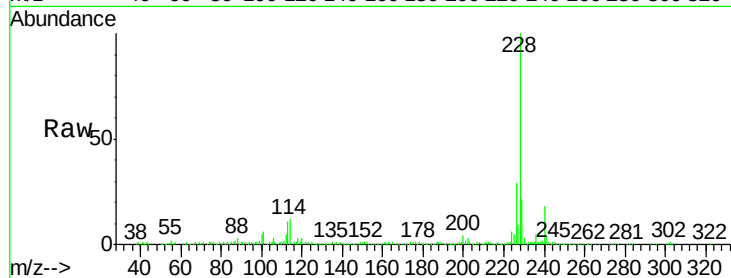
Tot Ion:228 Resp: 350803

Ion Ratio Lower Upper

228 100

226 28.7 22.6 33.8

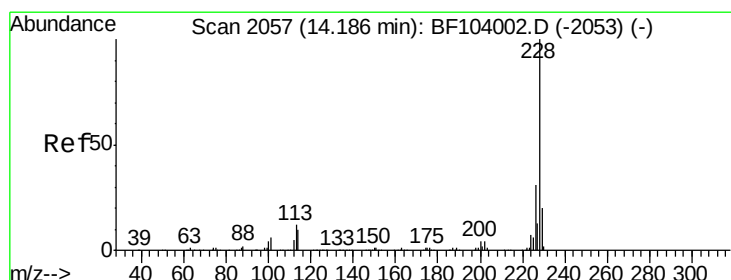
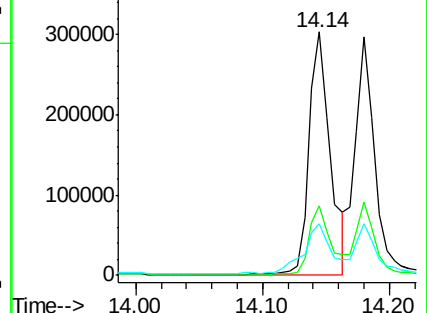
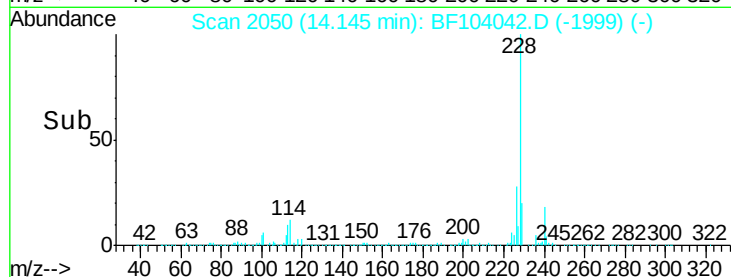
229 21.0 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 22.776 ng

RT: 14.18 min Scan# 2056

Delta R.T. -0.01 min

Lab File: BF104042.D

Acq: 29 Mar 2018 10:07

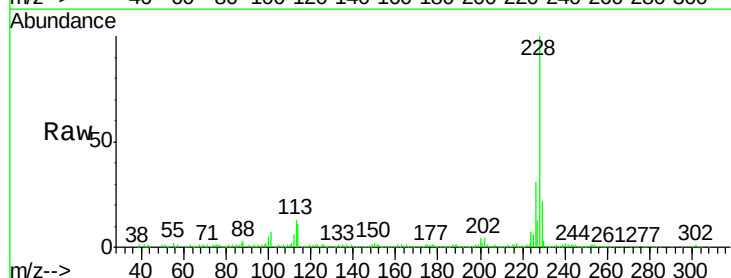
Tgt Ion:228 Resp: 318207

Ion Ratio Lower Upper

228 100

226 30.8 25.0 37.6

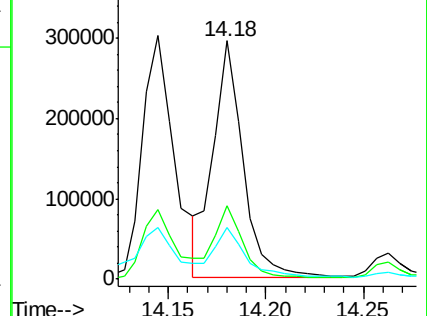
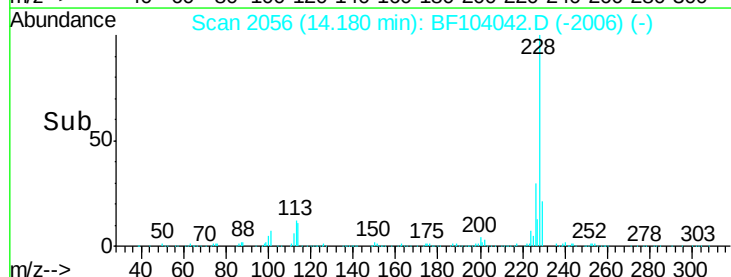
229 21.7 16.2 24.4

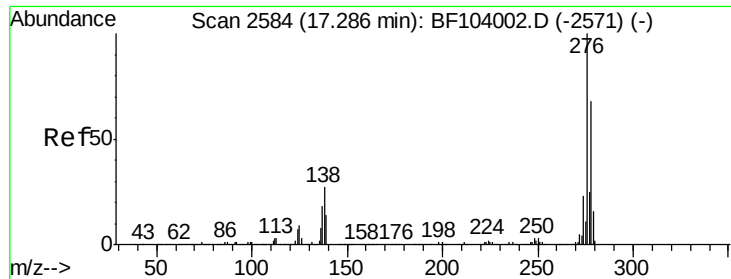


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

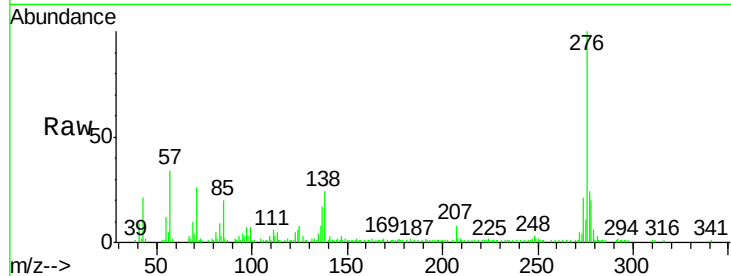




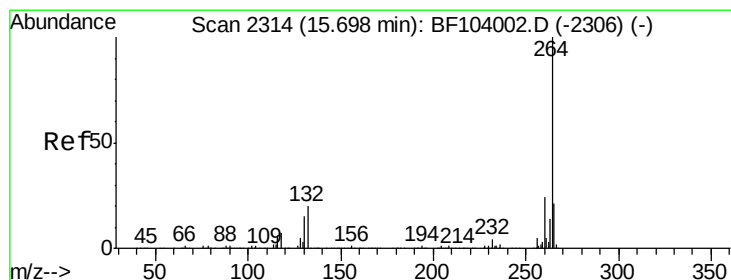
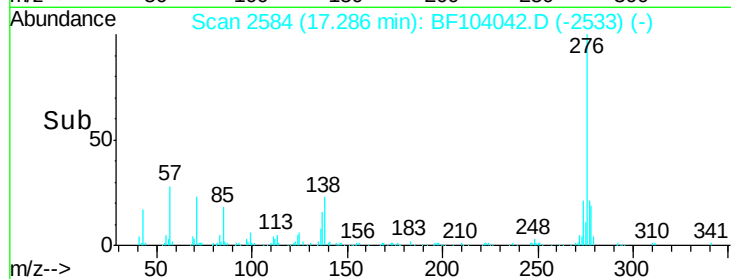
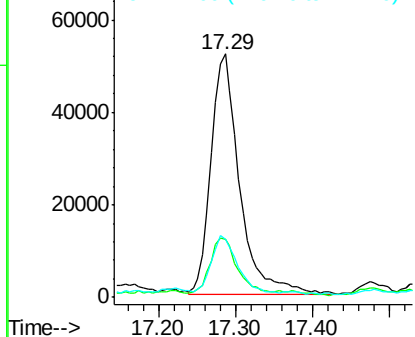
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 9.335 ng
 RT: 17.29 min Scan# 2584
 Delta R.T. -0.00 min
 Lab File: BF104042.D
 Acq: 29 Mar 2018 10:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.4	25.0	37.6#
277	21.0	20.1	30.1

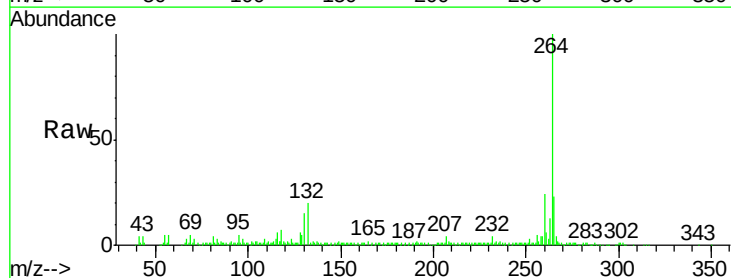


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

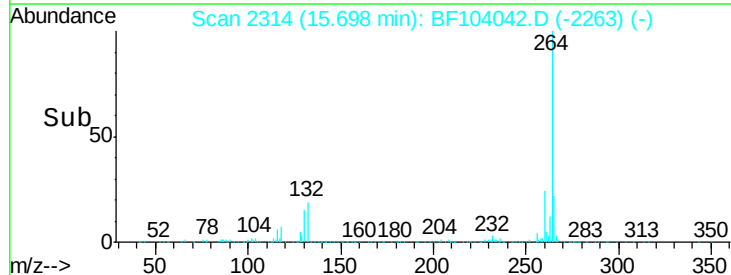
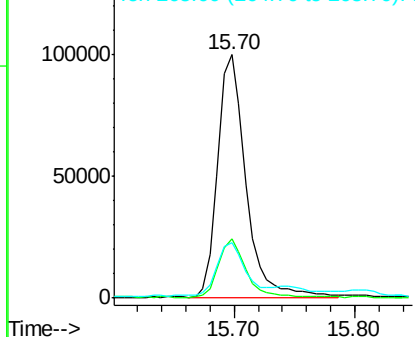


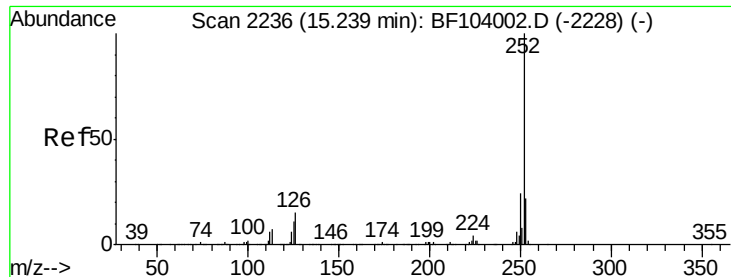
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.70 min Scan# 2314
 Delta R.T. -0.00 min
 Lab File: BF104042.D
 Acq: 29 Mar 2018 10:07

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	22.6	17.5	26.3



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





#87

Benzo(b)fluoranthene

Concen: 42.325 ng

RT: 15.24 min Scan# 2236

Delta R.T. -0.00 min

Lab File: BF104042.D

Acq: 29 Mar 2018 10:07

Instrument :

BNA_F

ClientSampleId :

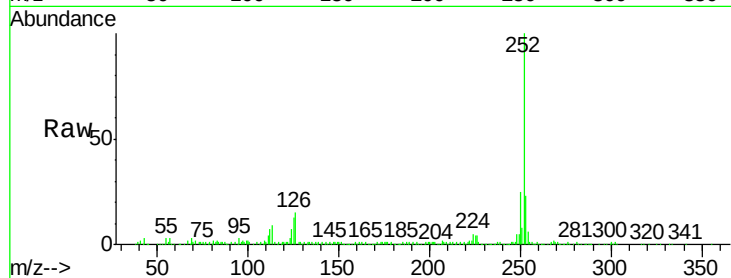
Tot Ion:252 Resp: 414120

Ion Ratio Lower Upper

252 100

253 22.8 17.0 25.6

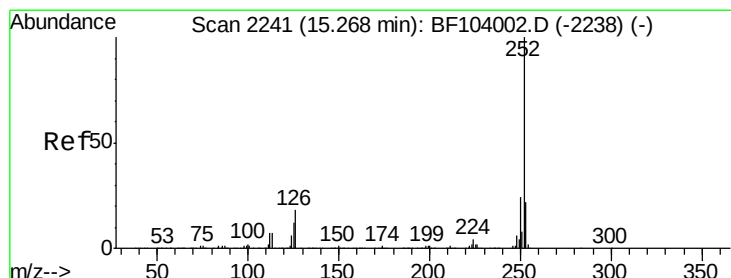
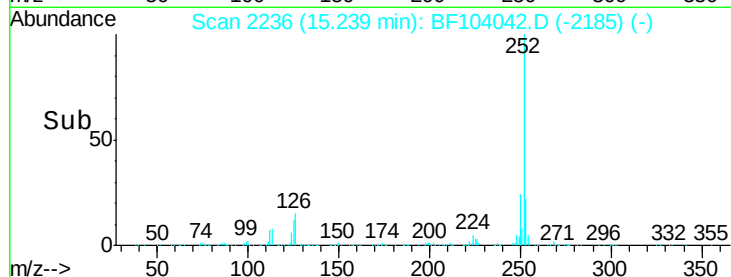
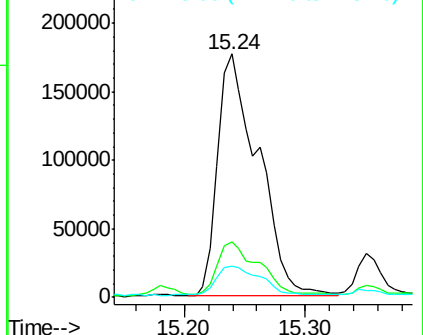
125 12.7 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 44.931 ng

RT: 15.24 min Scan# 2236

Delta R.T. -0.03 min

Lab File: BF104042.D

Acq: 29 Mar 2018 10:07

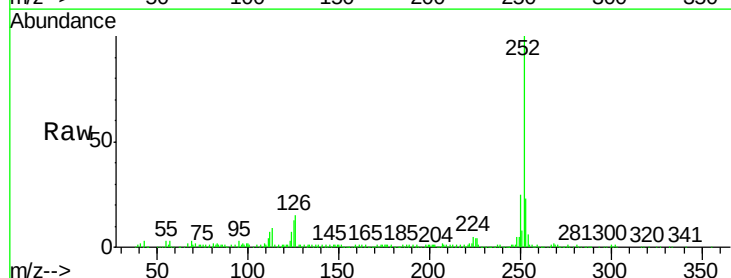
Tgt Ion:252 Resp: 414120

Ion Ratio Lower Upper

252 100

253 22.8 17.9 26.9

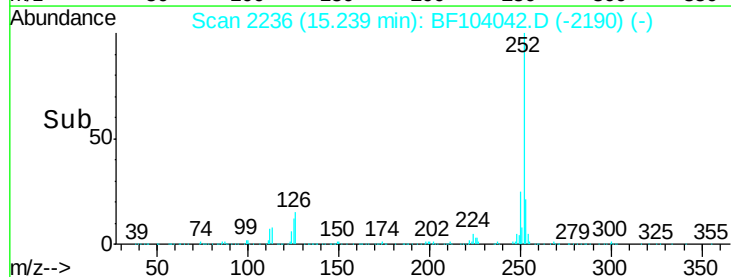
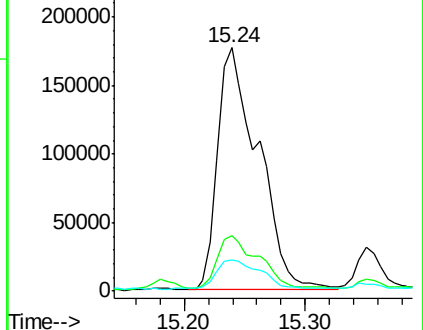
125 12.7 10.2 15.2

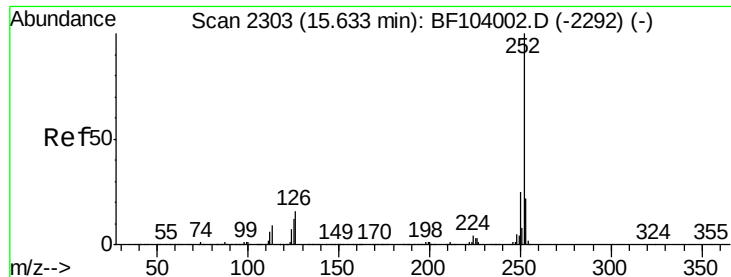


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 26.020 ng

RT: 15.63 min Scan# 2303

Delta R.T. -0.00 min

Lab File: BF104042.D

Acq: 29 Mar 2018 10:07

Instrument :

BNA_F

ClientSampleId :

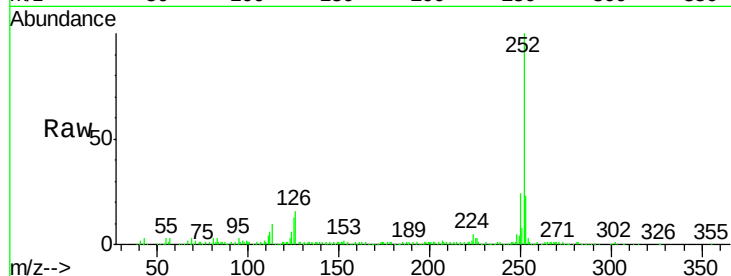
Tot Ion:252 Resp: 235927

Ion Ratio Lower Upper

252 100

253 22.7 17.1 25.7

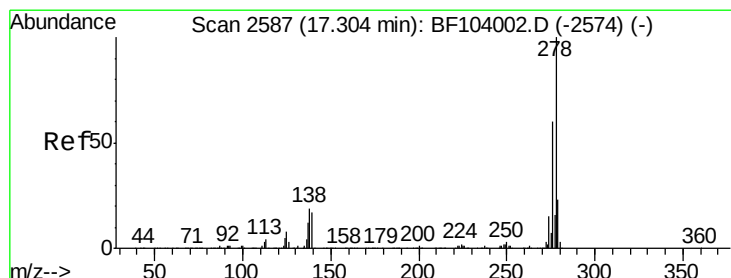
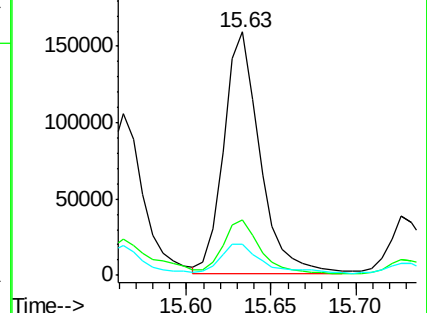
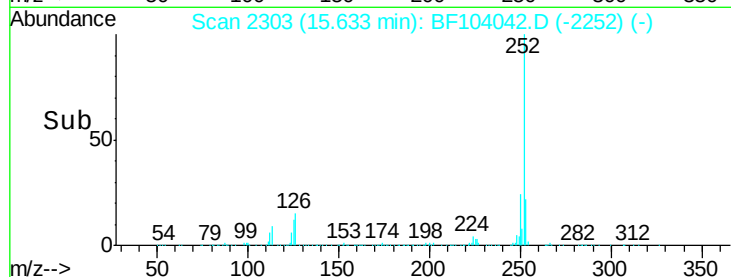
125 12.8 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 2.778 ng

RT: 17.48 min Scan# 2617

Delta R.T. 0.18 min

Lab File: BF104042.D

Acq: 29 Mar 2018 10:07

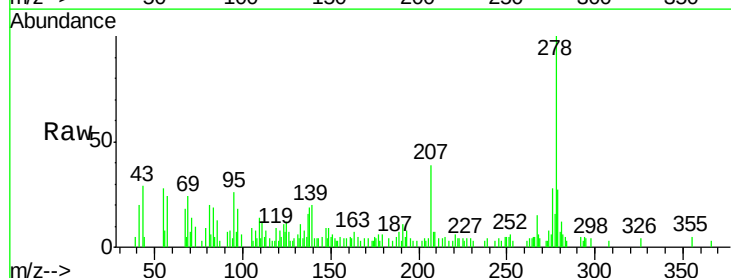
Tgt Ion:278 Resp: 23292

Ion Ratio Lower Upper

278 100

139 20.4 15.9 23.9

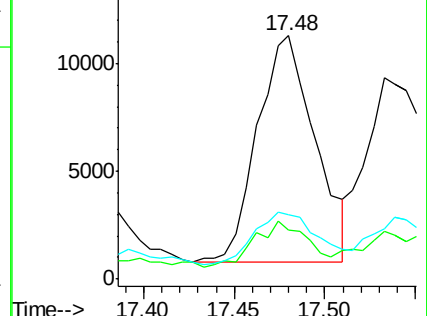
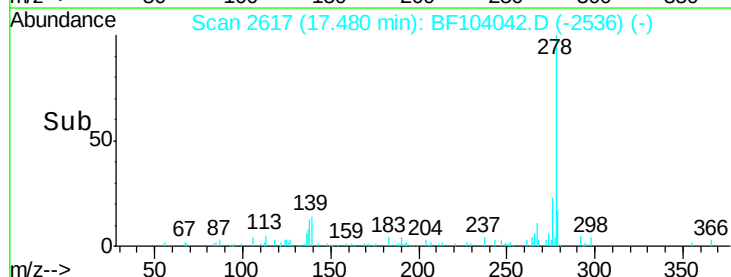
279 26.6 19.0 28.4

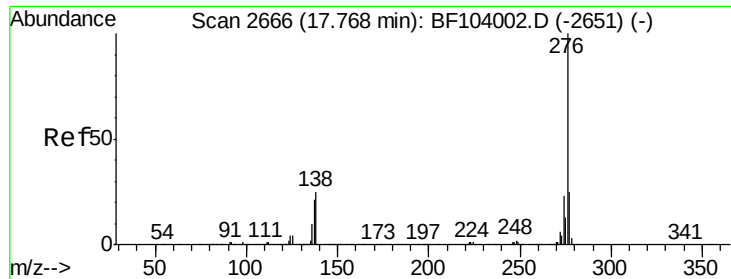


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 15.906 ng
 RT: 17.77 min Scan# 2666
 Delta R.T. -0.00 min
 Lab File: BF104042.D
 Acq: 29 Mar 2018 10:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	27.3	17.9	26.9#
138	25.7	21.8	32.8

