

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041516\
 Data File : BG021718.D
 Acq On : 16 Apr 2016 15:19
 Operator : UM/SJ
 Sample : H2560-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 POSTEX-26-20160414

Quant Time: Apr 18 01:16:51 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 15:48:13 2016
 Response via : Initial Calibration

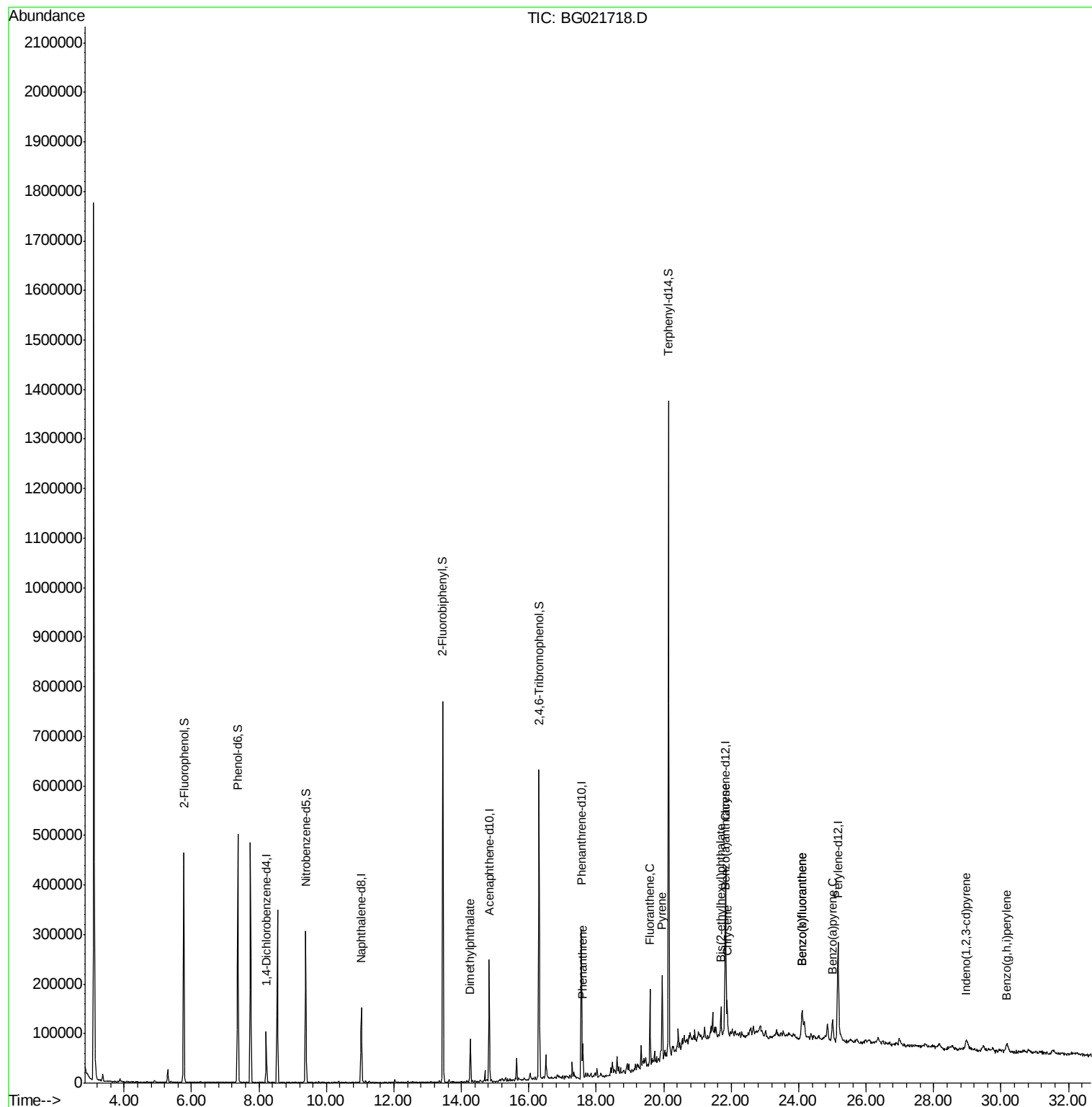
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	28715	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	128480	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	82375	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	190953	20.00	ng	0.00
75) Chrysene-d12	21.83	240	203151	20.00	ng	0.00
86) Perylene-d12	25.16	264	206246	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.77	112	204251	118.45	ng	0.00
7) Phenol-d6	7.37	99	300074	116.50	ng	0.02
23) Nitrobenzene-d5	9.38	82	189083	75.64	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	112996	127.28	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	405720	72.16	ng	0.00
78) Terphenyl-d14	20.14	244	561656	68.99	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.26	163	54037	7.59	ng	100
70) Phenanthrene	17.60	178	40743	3.87	ng	99
74) Fluoranthene	19.59	202	89388	7.11	ng	98
77) Pyrene	19.95	202	84196	7.19	ng	99
80) Benzo(a)anthracene	21.81	228	46892	4.01	ng	99
82) Chrysene	21.88	228	51394	4.58	ng	96
83) Bis(2-ethylhexyl)phthalate	21.70	149	22426	2.82	ng	96
85) Indeno(1,2,3-cd)pyrene	28.98	276	34449	2.58	ng	# 62
87) Benzo(b)fluoranthene	24.11	252	64113	5.36	ng	# 95
88) Benzo(k)fluoranthene	24.11	252	64539	5.52	ng	# 95
89) Benzo(a)pyrene	25.01	252	46120	3.98	ng	96
91) Benzo(g,h,i)perylene	30.16	276	32193	2.82	ng	98

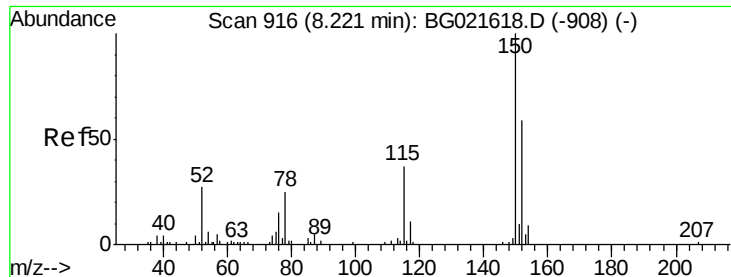
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.21 min Scan# 915

Delta R.T. -0.01 min

Lab File: BG021718.D

Acq: 16 Apr 2016 15:19

Instrument :

BNA_G

ClientSampleId :

POSTEX-26-20160414

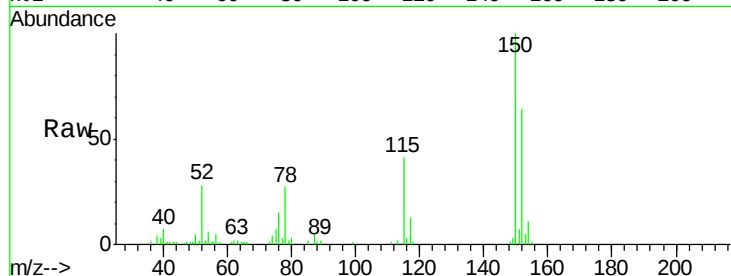
Tgt Ion:152 Resp: 28715

Ion Ratio Lower Upper

152 100

150 156.9 130.1 195.1

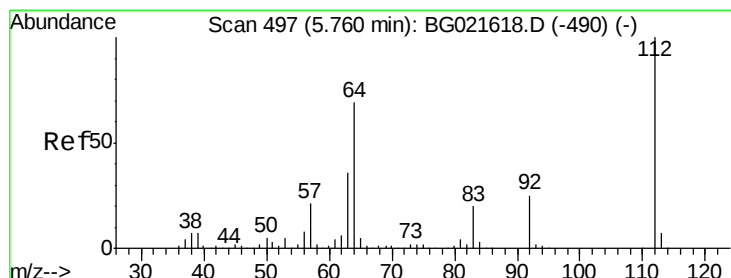
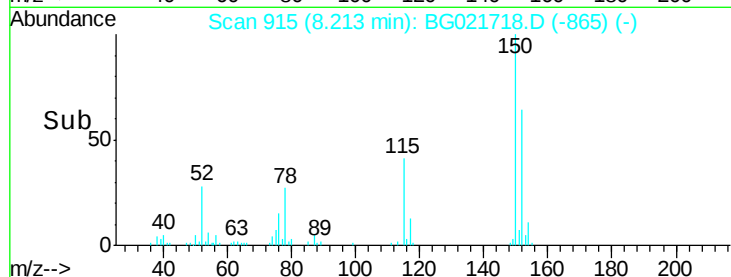
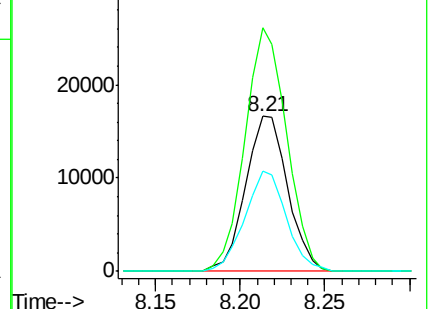
115 64.6 62.2 93.2



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: 118.45 ng

RT: 5.77 min Scan# 499

Delta R.T. 0.01 min

Lab File: BG021718.D

Acq: 16 Apr 2016 15:19

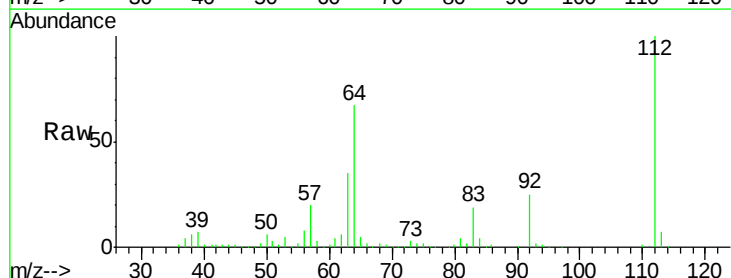
Tgt Ion:112 Resp: 204251

Ion Ratio Lower Upper

112 100

64 67.2 51.1 76.7

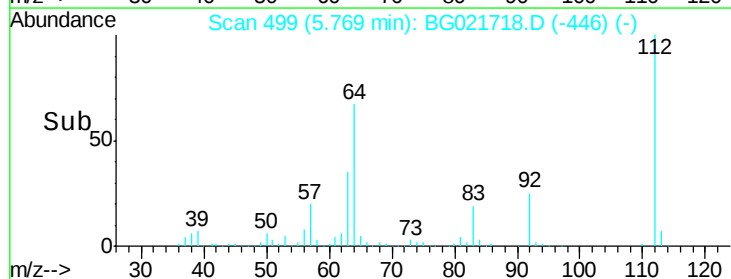
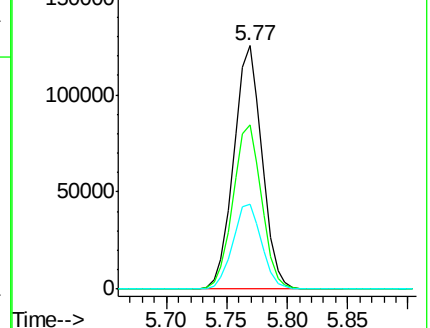
63 35.0 24.6 37.0

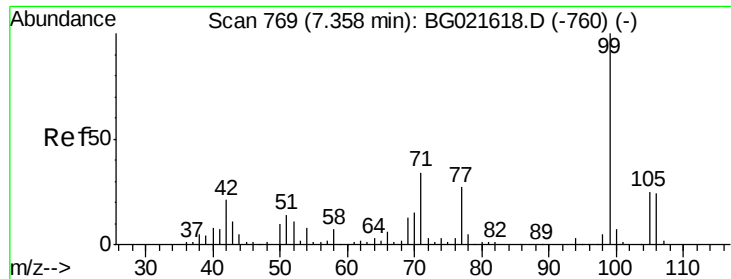


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 116.50 ng

RT: 7.37 min Scan# 772

Delta R.T. 0.02 min

Lab File: BG021718.D

Acq: 16 Apr 2016 15:19

Instrument :

BNA_G

ClientSampleId :

POSTEX-26-20160414

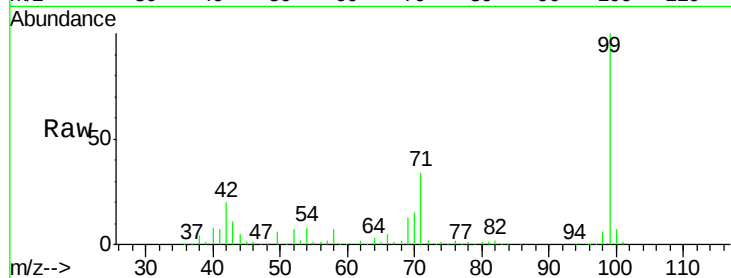
Tgt Ion: 99 Resp: 300074

Ion Ratio Lower Upper

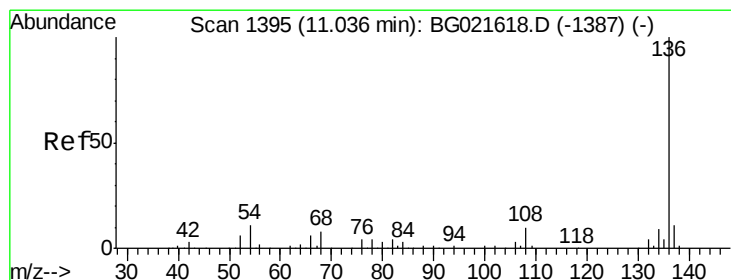
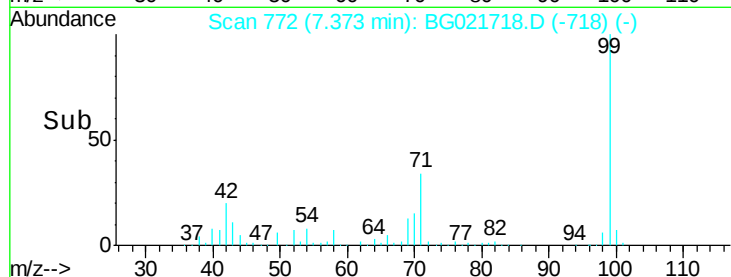
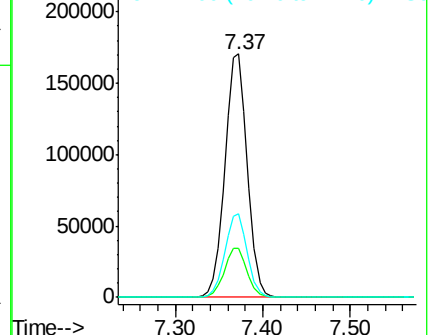
99 100

42 20.3 16.4 24.6

71 34.4 25.0 37.4



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.03 min Scan# 1395

Delta R.T. -0.00 min

Lab File: BG021718.D

Acq: 16 Apr 2016 15:19

Tgt Ion: 136 Resp: 128480

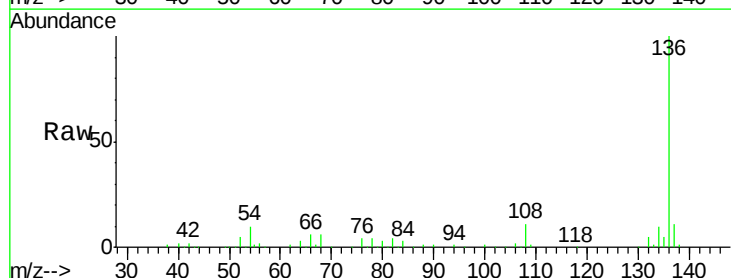
Ion Ratio Lower Upper

136 100

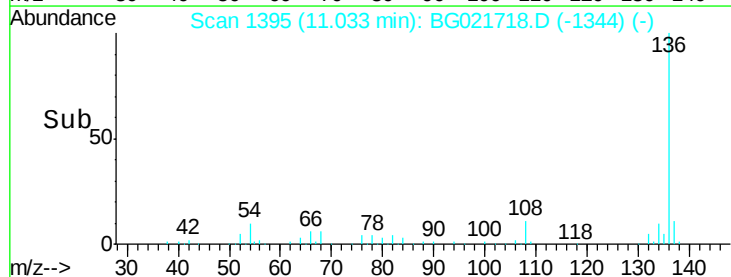
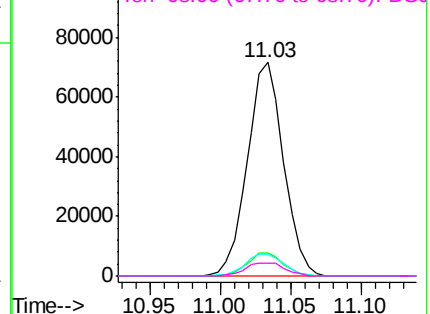
137 10.9 9.0 13.4

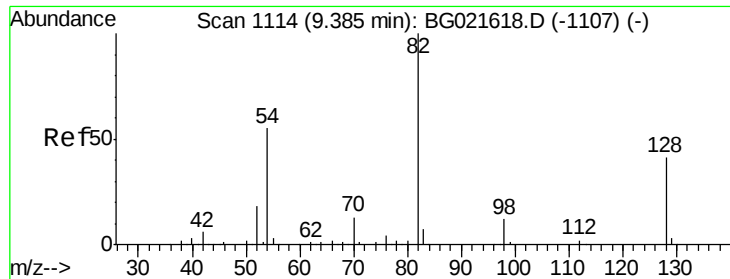
54 10.5 9.6 14.4

68 6.1 6.4 9.6#



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

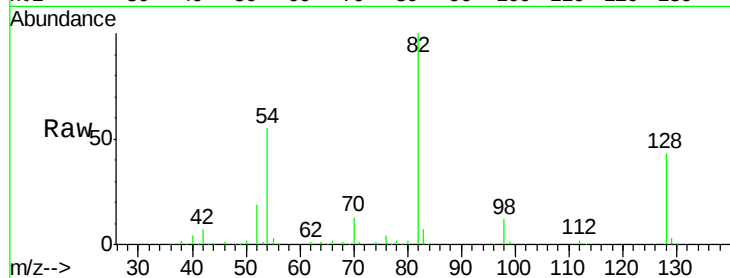




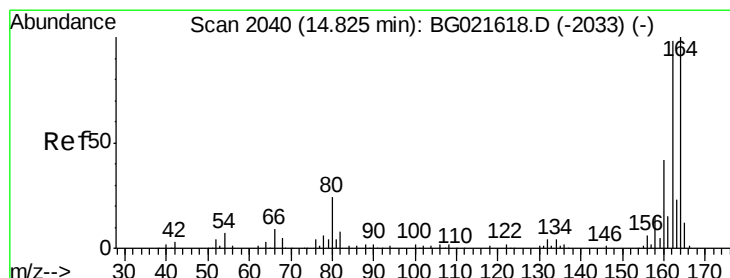
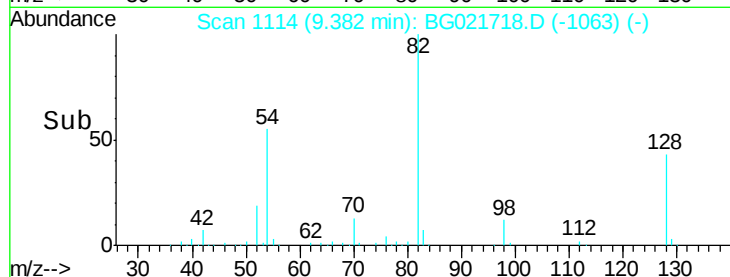
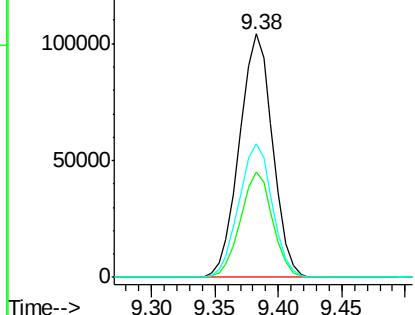
#23
 Nitrobenzene-d5
 Concen: 75.64 ng
 RT: 9.38 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: BG021718.D
 Acq: 16 Apr 2016 15:19

Instrument :
 BNA_G
 ClientSampleId :
 POSTEX-26-20160414

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.5	33.4	50.0
54	55.1	46.1	69.1

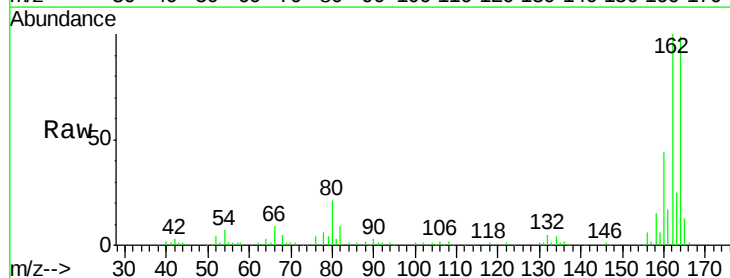


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

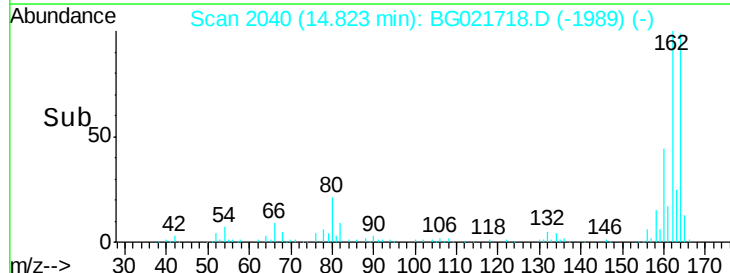
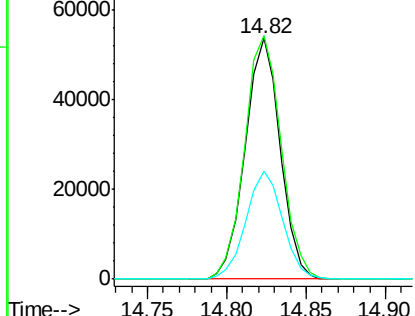


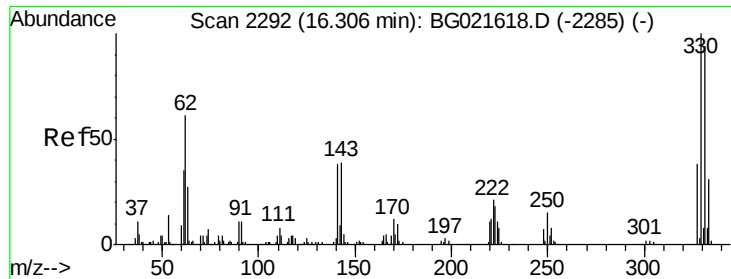
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.82 min Scan# 2040
 Delta R.T. -0.00 min
 Lab File: BG021718.D
 Acq: 16 Apr 2016 15:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.2	78.0	117.0
160	44.8	32.9	49.3



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

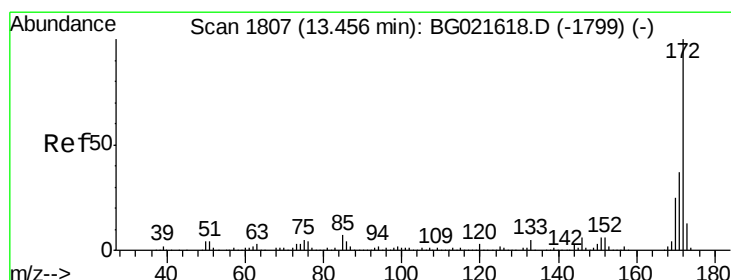
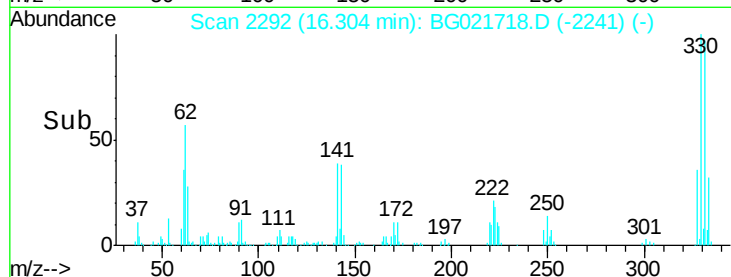
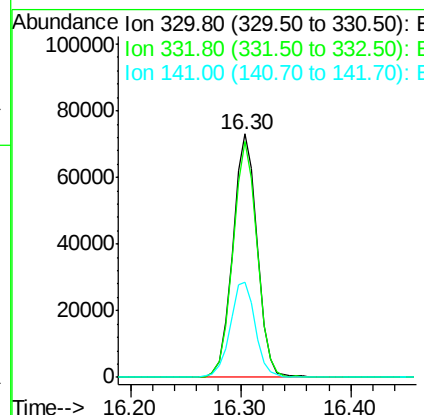
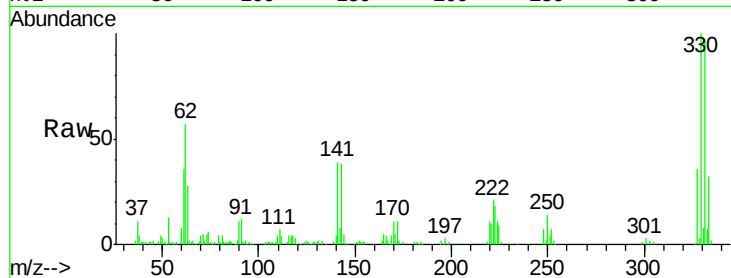




#41
 2,4,6-Tribromophenol
 Concen: 127.28 ng
 RT: 16.30 min Scan# 2292
 Delta R.T. -0.00 min
 Lab File: BG021718.D
 Acq: 16 Apr 2016 15:19

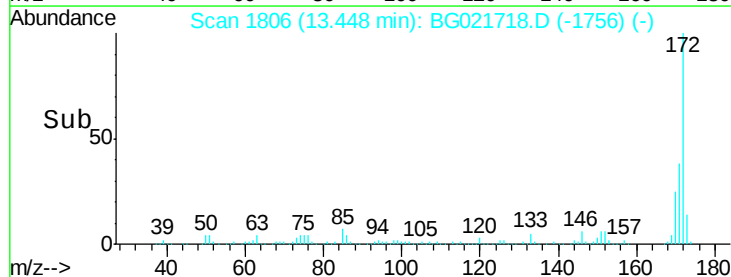
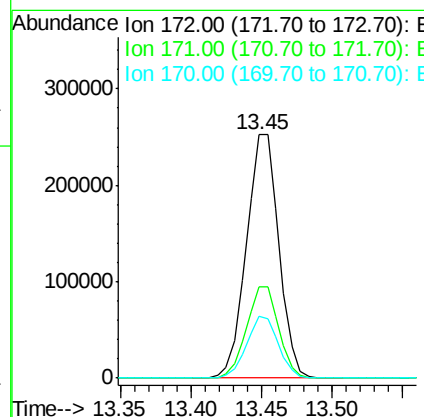
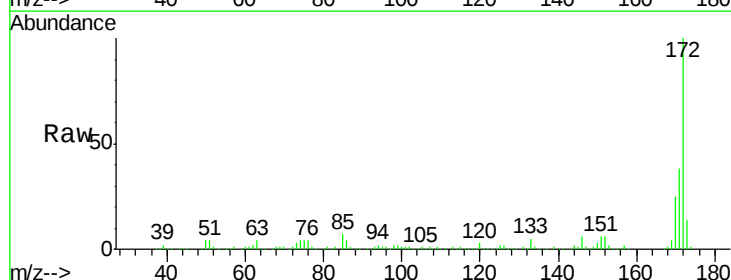
Instrument :
 BNA_G
 ClientSampleId :
 POSTEX-26-20160414

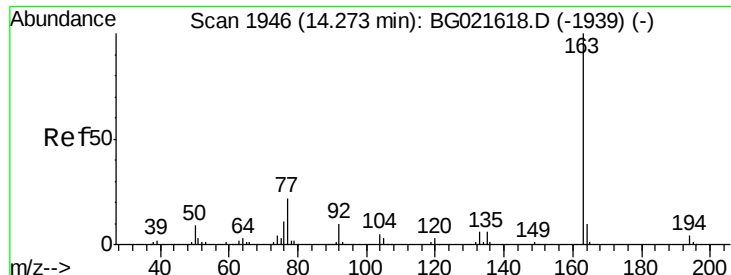
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	78.0	117.0
141	40.7	33.8	50.8



#44
 2-Fluorobiphenyl
 Concen: 72.16 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. -0.01 min
 Lab File: BG021718.D
 Acq: 16 Apr 2016 15:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	27.8	41.6
170	25.3	19.6	29.4





#49

Dimethylphthalate

Concen: 7.59 ng

RT: 14.26 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BG021718.D

Acq: 16 Apr 2016 15:19

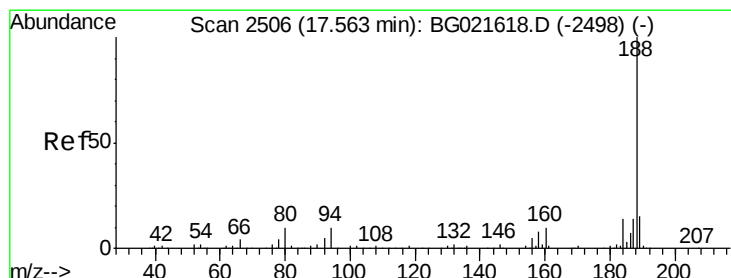
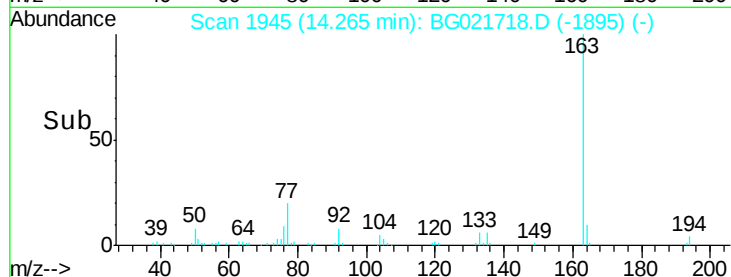
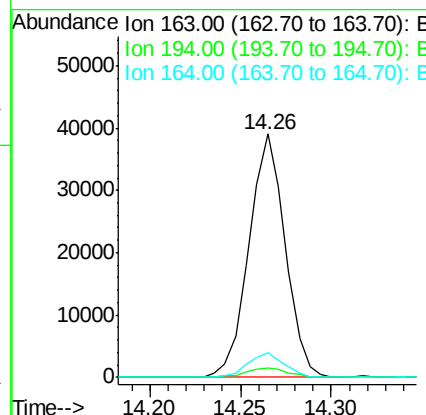
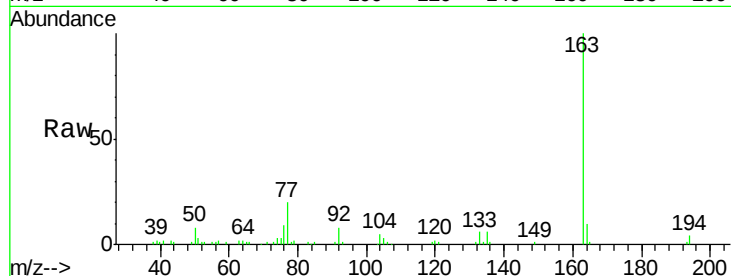
Instrument :

BNA_G

ClientSampleId :

POSTEX-26-20160414

Tgt Ion:	163	Resp:	54037
Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.6
164	10.0	8.1	12.1



#63

Phenanthrene-d10

Concen: 20.00 ng

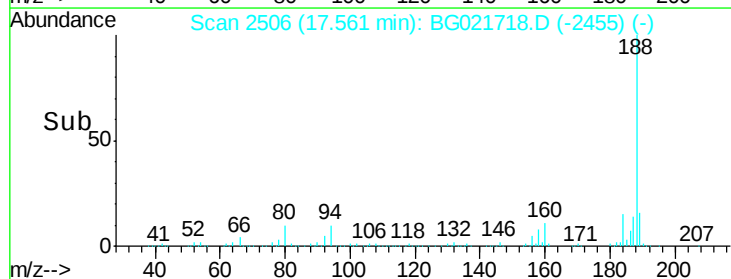
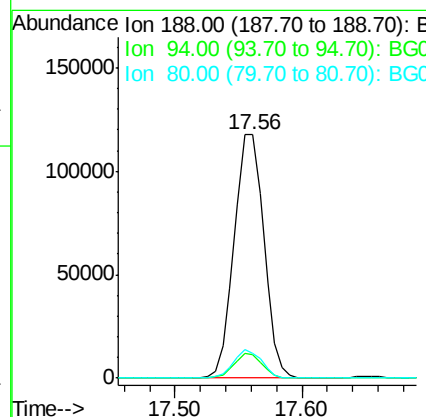
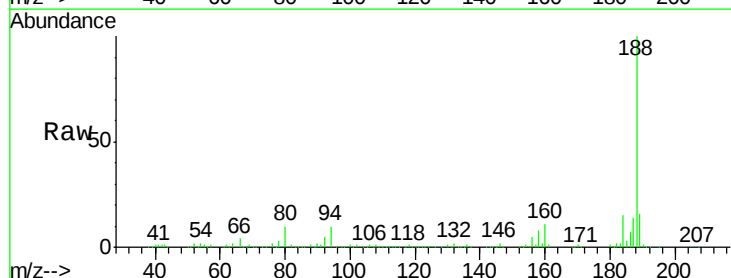
RT: 17.56 min Scan# 2506

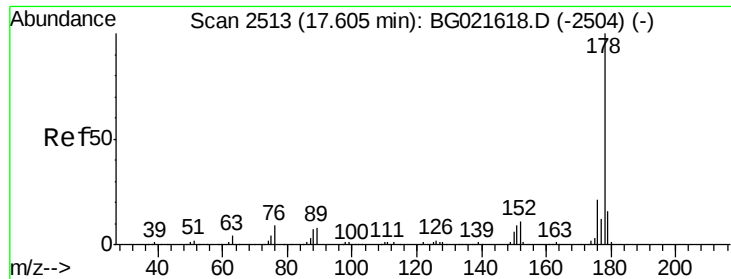
Delta R.T. -0.00 min

Lab File: BG021718.D

Acq: 16 Apr 2016 15:19

Tgt Ion:	188	Resp:	190953
Ion	Ratio	Lower	Upper
188	100		
94	9.8	7.5	11.3
80	10.4	8.6	13.0

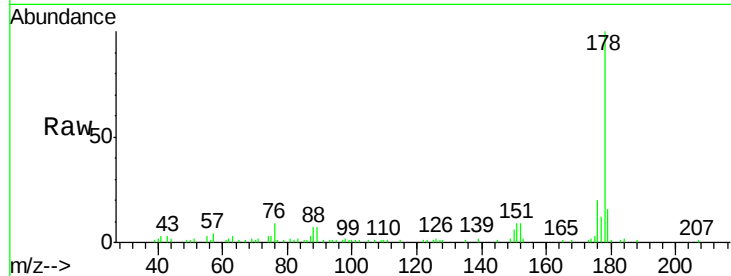




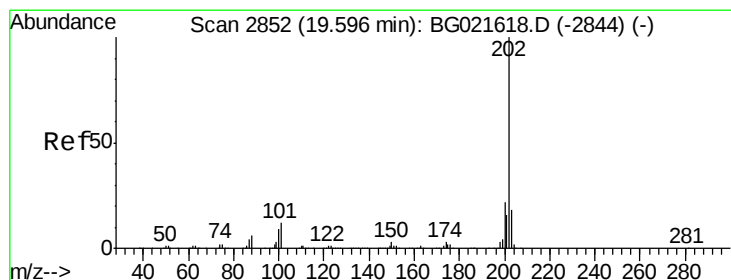
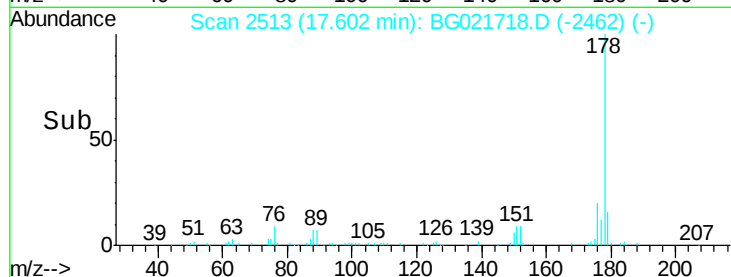
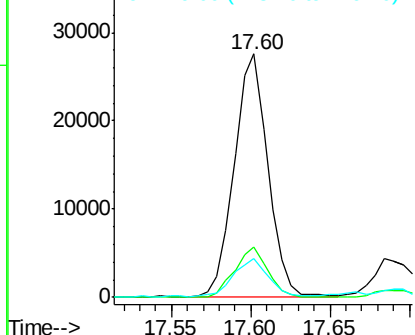
#70
Phenanthrene
Concen: 3.87 ng
RT: 17.60 min Scan# 2513
Delta R.T. -0.00 min
Lab File: BG021718.D
Acq: 16 Apr 2016 15:19

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Tgt Ion:178 Resp: 40743
Ion Ratio Lower Upper
178 100
176 20.4 16.2 24.4
179 15.8 12.0 18.0

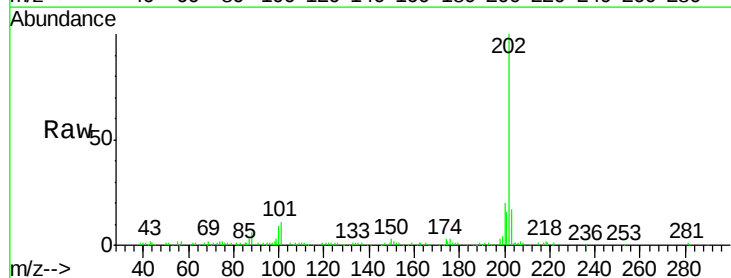


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

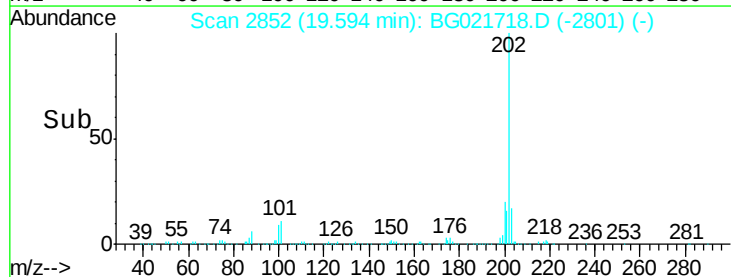
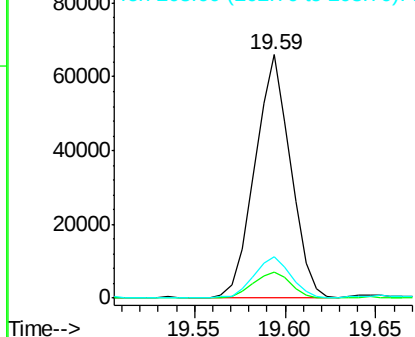


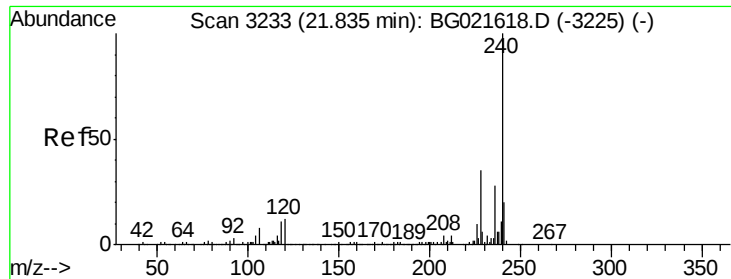
#74
Fluoranthene
Concen: 7.11 ng
RT: 19.59 min Scan# 2852
Delta R.T. -0.00 min
Lab File: BG021718.D
Acq: 16 Apr 2016 15:19

Tgt Ion:202 Resp: 89388
Ion Ratio Lower Upper
202 100
101 10.5 0.0 31.0
203 16.8 0.0 37.9



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: 20.00 ng

RT: 21.83 min Scan# 3233

Delta R.T. -0.00 min

Lab File: BG021718.D

Acq: 16 Apr 2016 15:19

Instrument :

BNA_G

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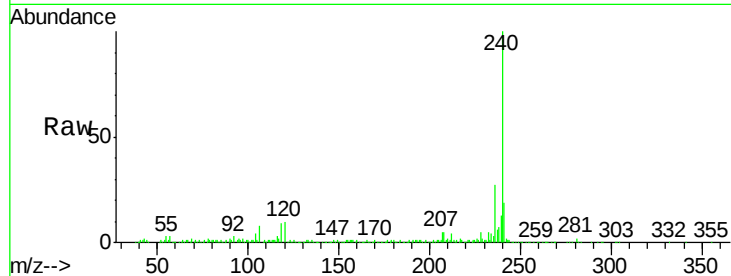
Tgt Ion:240 Resp: 203151

Ion Ratio Lower Upper

240 100

120 9.6 8.4 12.6

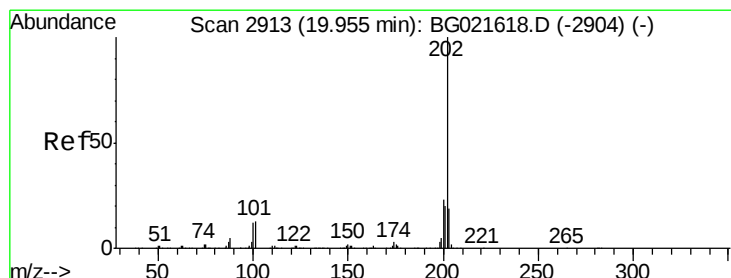
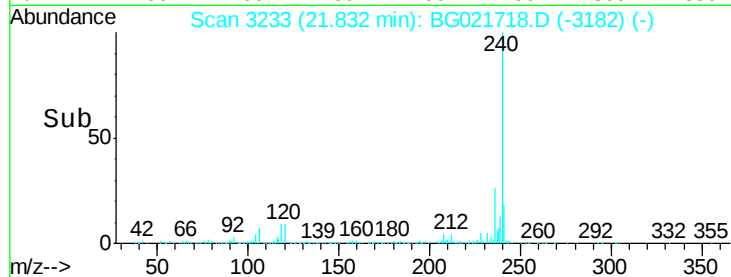
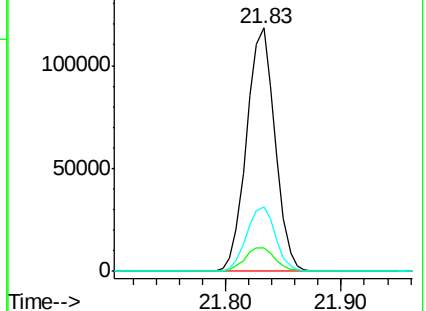
236 26.6 19.6 29.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 7.19 ng

RT: 19.95 min Scan# 2913

Delta R.T. -0.00 min

Lab File: BG021718.D

Acq: 16 Apr 2016 15:19

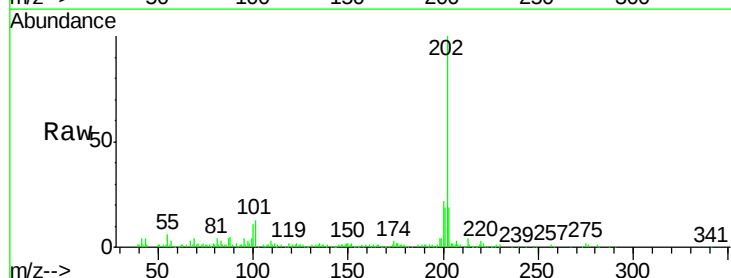
Tgt Ion:202 Resp: 84196

Ion Ratio Lower Upper

202 100

200 22.2 18.2 27.2

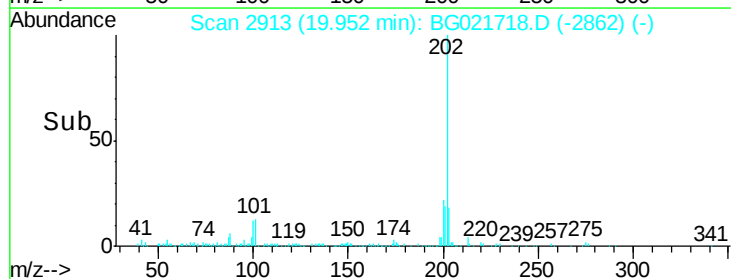
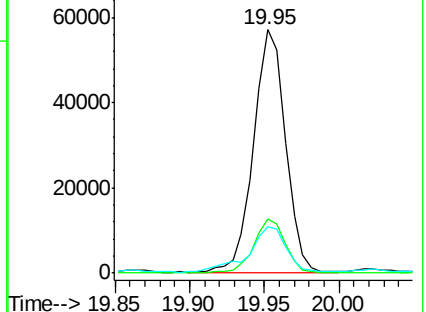
203 19.1 15.0 22.4

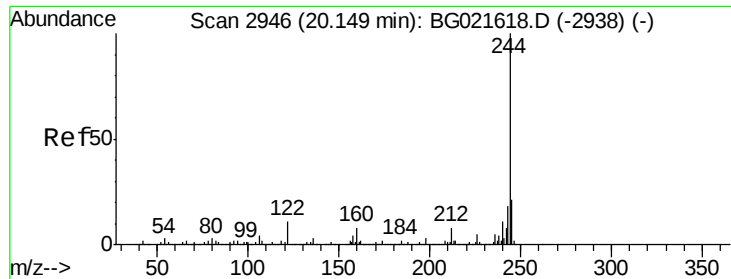


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 68.99 ng

RT: 20.14 min Scan# 2945

Delta R.T. -0.01 min

Lab File: BG021718.D

Acq: 16 Apr 2016 15:19

Instrument :

BNA_G

ClientSampleId :

POSTEX-26-20160414

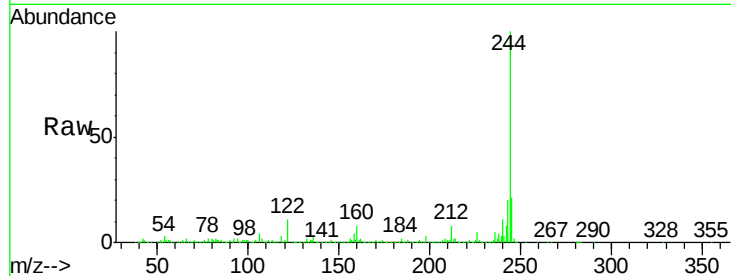
Tgt Ion:244 Resp: 561656

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

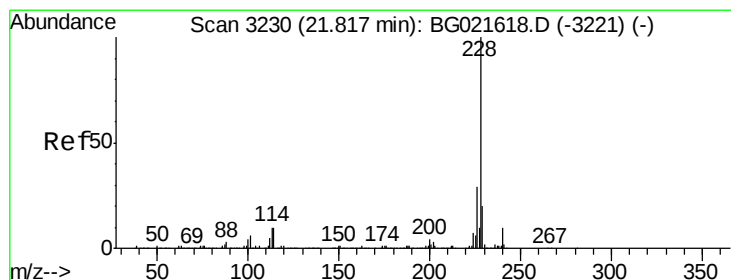
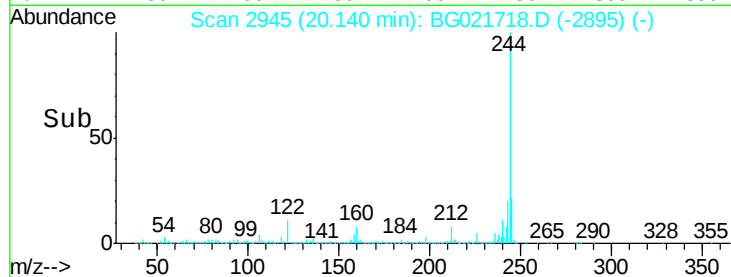
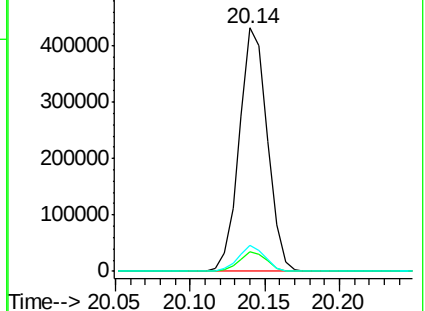
122 10.7 8.6 12.8



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: 4.01 ng

RT: 21.81 min Scan# 3229

Delta R.T. -0.01 min

Lab File: BG021718.D

Acq: 16 Apr 2016 15:19

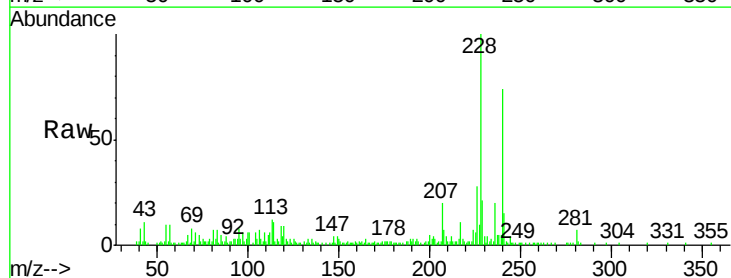
Tgt Ion:228 Resp: 46892

Ion Ratio Lower Upper

228 100

226 28.4 22.6 34.0

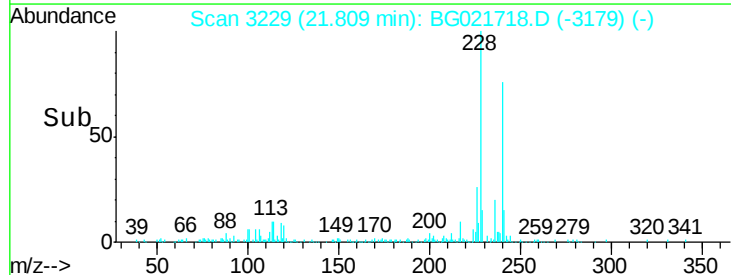
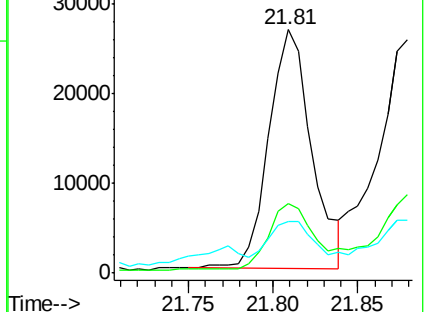
229 21.2 16.1 24.1

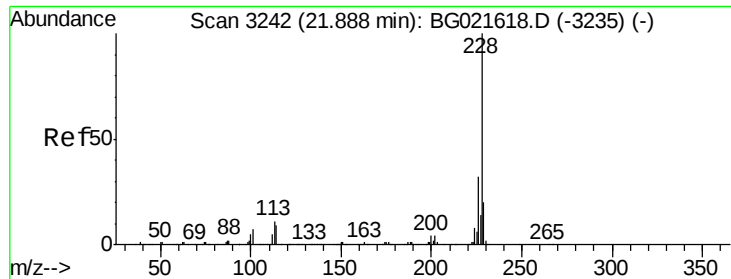


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

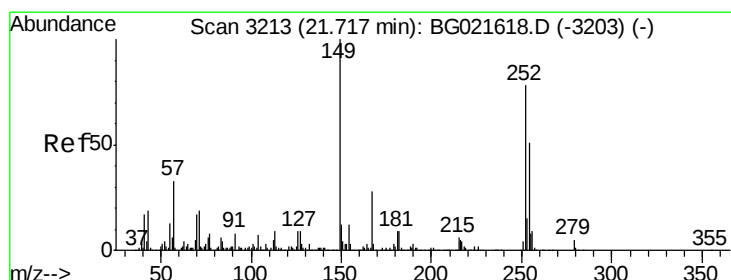
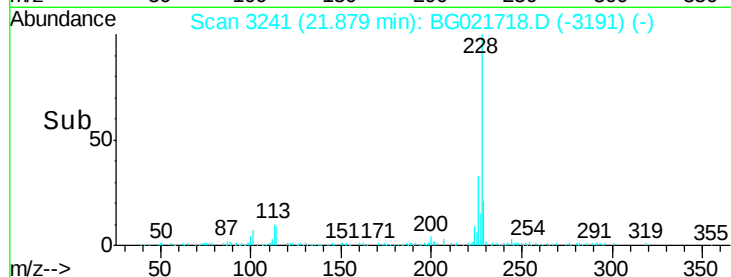
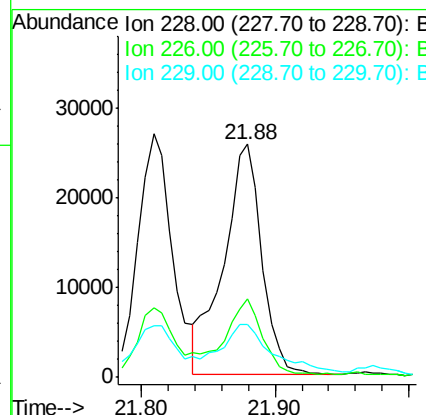
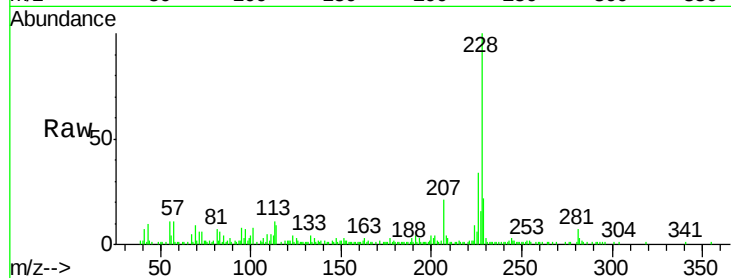




#82
 Chrysene
 Concen: 4.58 ng
 RT: 21.88 min Scan# 3241
 Delta R.T. -0.01 min
 Lab File: BG021718.D
 Acq: 16 Apr 2016 15:19

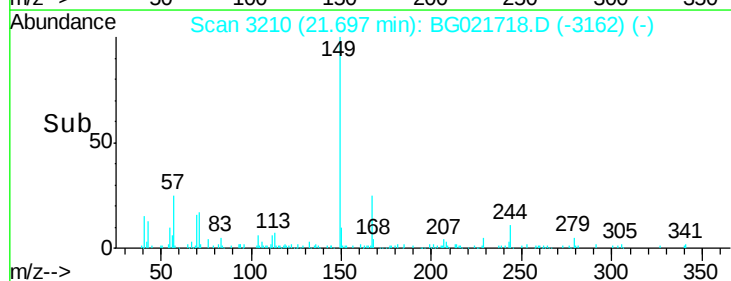
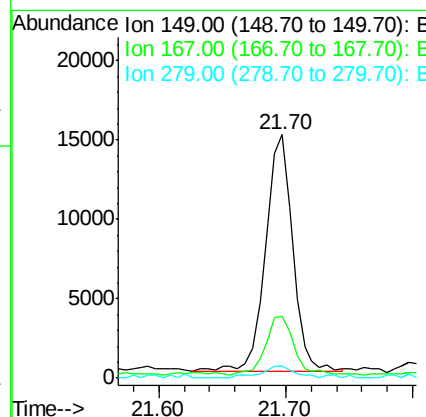
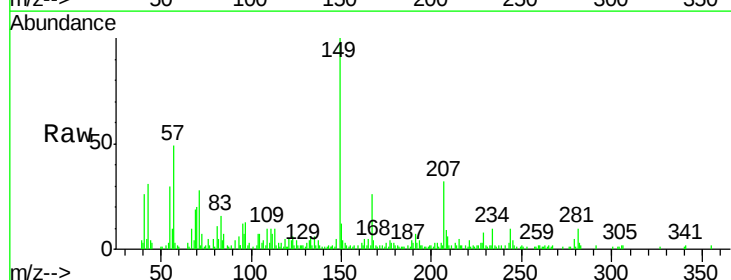
Instrument :
 BNA_G
 ClientSampleId :
 POSTEX-26-20160414

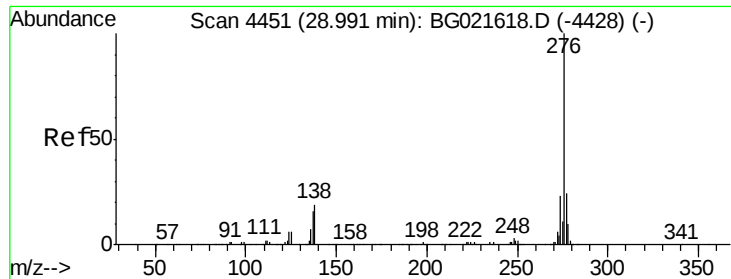
Tgt Ion: 228 Resp: 51394
 Ion Ratio Lower Upper
 228 100
 226 33.6 25.4 38.0
 229 22.5 15.9 23.9



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.82 ng
 RT: 21.70 min Scan# 3210
 Delta R.T. -0.02 min
 Lab File: BG021718.D
 Acq: 16 Apr 2016 15:19

Tgt Ion: 149 Resp: 22426
 Ion Ratio Lower Upper
 149 100
 167 25.6 22.4 33.6
 279 4.8 3.2 4.8





#85

Indeno(1,2,3-cd)pyrene

Concen: 2.58 ng

RT: 28.98 min Scan# 4449

Delta R.T. -0.01 min

Lab File: BG021718.D

Acq: 16 Apr 2016 15:19

Instrument :

BNA_G

ClientSampleId :

POSTEX-26-20160414

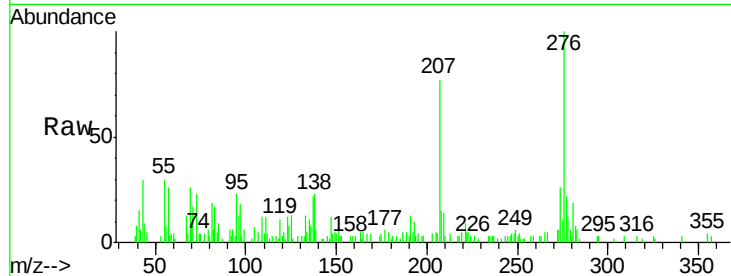
Tgt Ion:276 Resp: 34449

Ion Ratio Lower Upper

276 100

138 8.8 14.0 21.0#

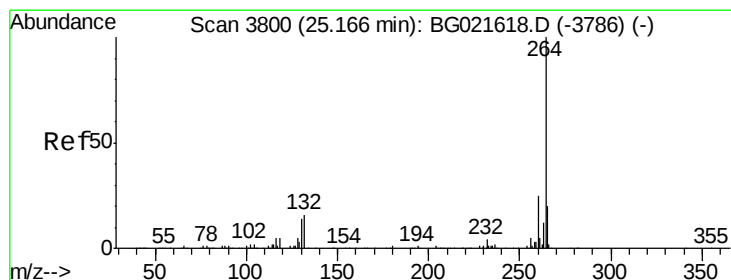
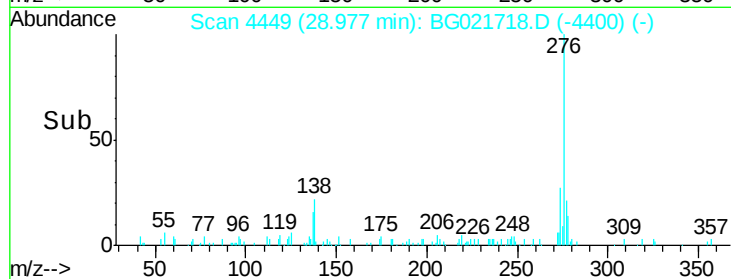
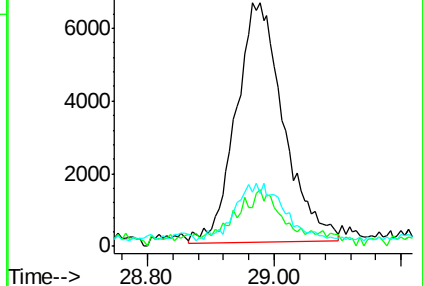
277 0.0 20.6 30.8#



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: 20.00 ng

RT: 25.16 min Scan# 3800

Delta R.T. -0.00 min

Lab File: BG021718.D

Acq: 16 Apr 2016 15:19

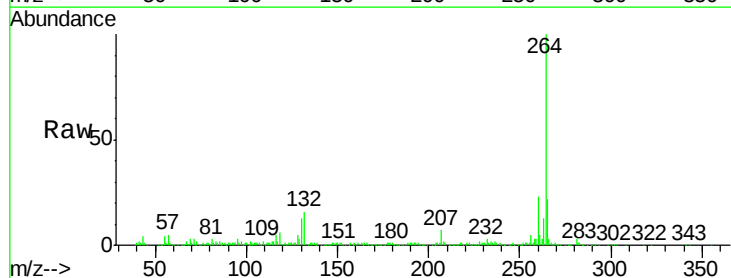
Tgt Ion:264 Resp: 206246

Ion Ratio Lower Upper

264 100

260 23.0 20.2 30.4

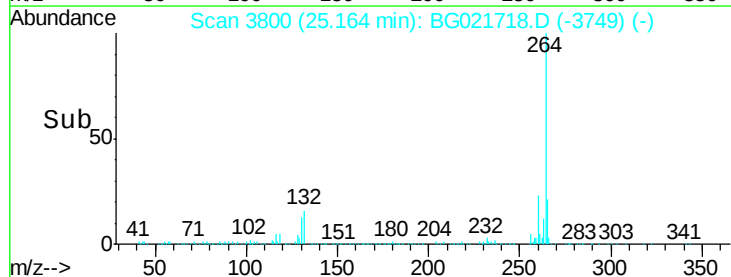
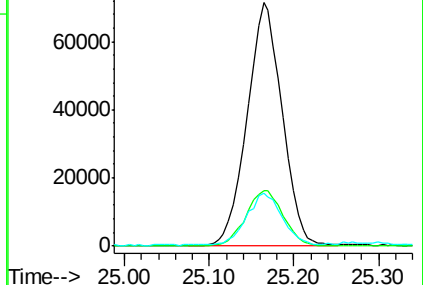
265 21.7 17.8 26.8

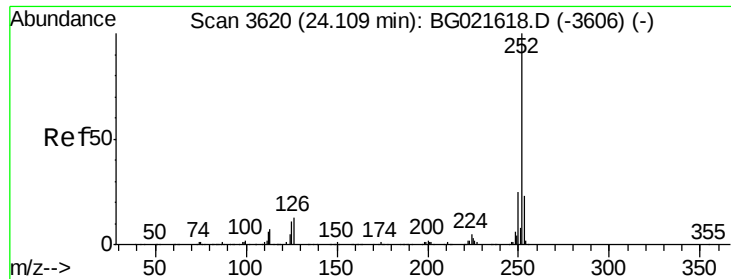


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

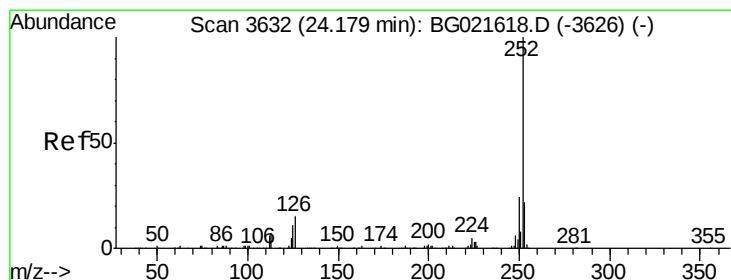
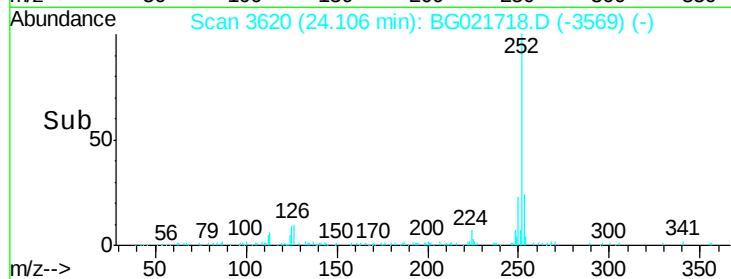
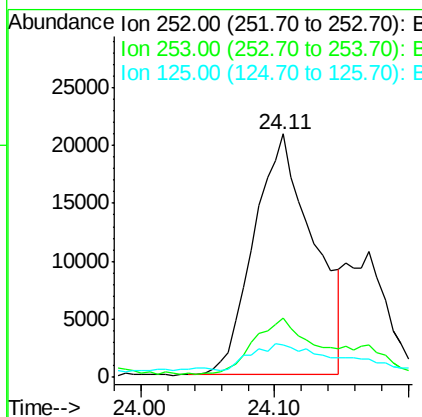
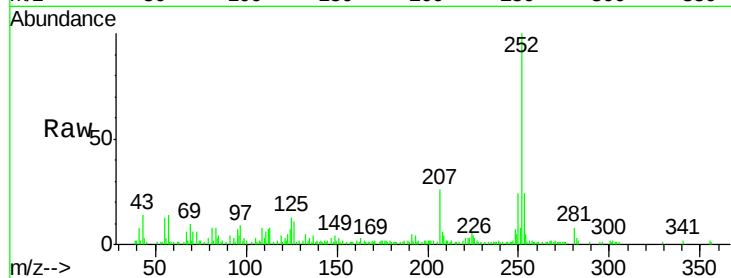




#87
Benzo(b)fluoranthene
Concen: 5.36 ng
RT: 24.11 min Scan# 3620
Delta R.T. -0.00 min
Lab File: BG021718.D
Acq: 16 Apr 2016 15:19

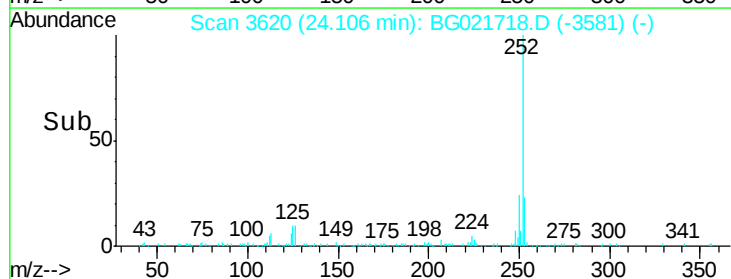
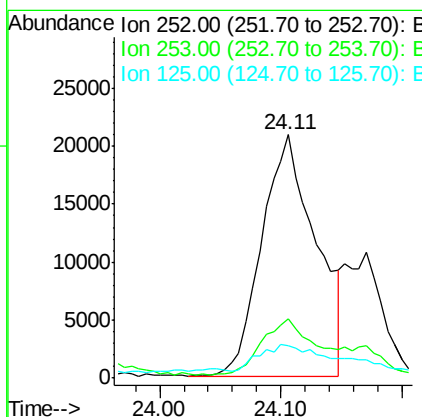
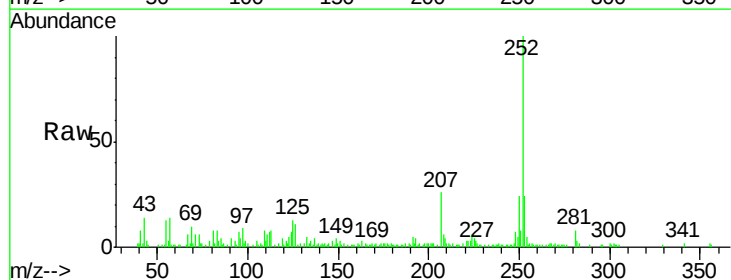
Instrument :
BNA_G
ClientSampleId :
POSTEX-26-20160414

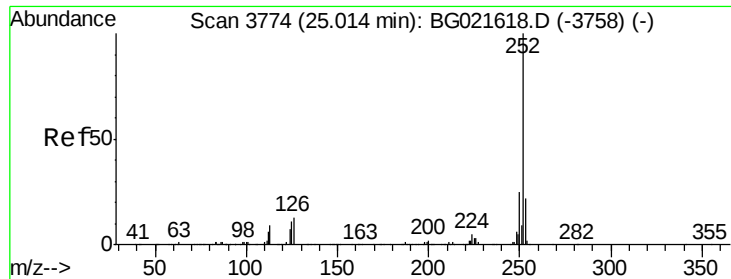
Tgt Ion:252 Resp: 64113
Ion Ratio Lower Upper
252 100
253 24.3 17.5 26.3
125 13.1 8.6 13.0#



#88
Benzo(k)fluoranthene
Concen: 5.52 ng
RT: 24.11 min Scan# 3620
Delta R.T. -0.07 min
Lab File: BG021718.D
Acq: 16 Apr 2016 15:19

Tgt Ion:252 Resp: 64539
Ion Ratio Lower Upper
252 100
253 24.3 17.8 26.8
125 13.1 8.3 12.5#

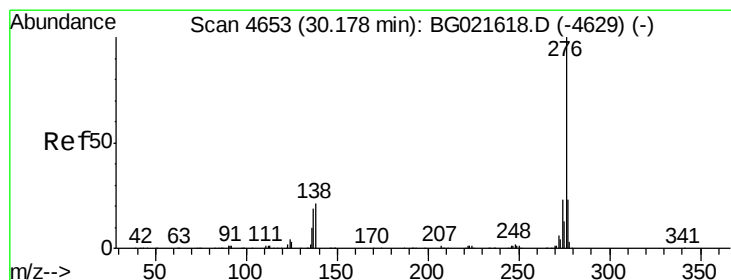
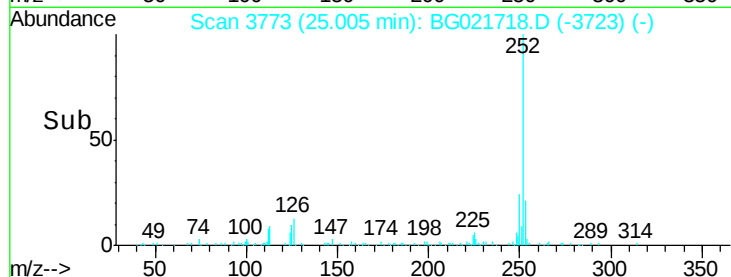
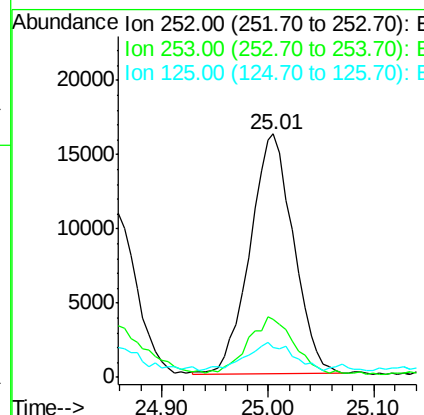
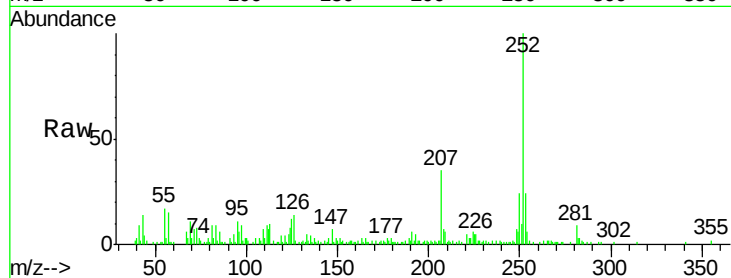




#89
Benzo(a)pyrene
Concen: 3.98 ng
RT: 25.01 min Scan# 3773
Delta R.T. -0.01 min
Lab File: BG021718.D
Acq: 16 Apr 2016 15:19

Instrument :
BNA_G
ClientSampleId :
POSTEX-26-20160414

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.1	25.7
125	12.5	9.6	14.4



#91
Benzo(g,h,i)perylene
Concen: 2.82 ng
RT: 30.16 min Scan# 4651
Delta R.T. -0.01 min
Lab File: BG021718.D
Acq: 16 Apr 2016 15:19

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.6	19.4	29.2
138	20.9	17.4	26.0

