

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060815\
 Data File : BG017554.D
 Acq On : 9 Jun 2015 1:58
 Operator : TP/IZ
 Sample : G2450-24
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E53ST11.1(2)

Quant Time: Jun 09 04:33:07 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 09 02:10:45 2015
 Response via : Initial Calibration

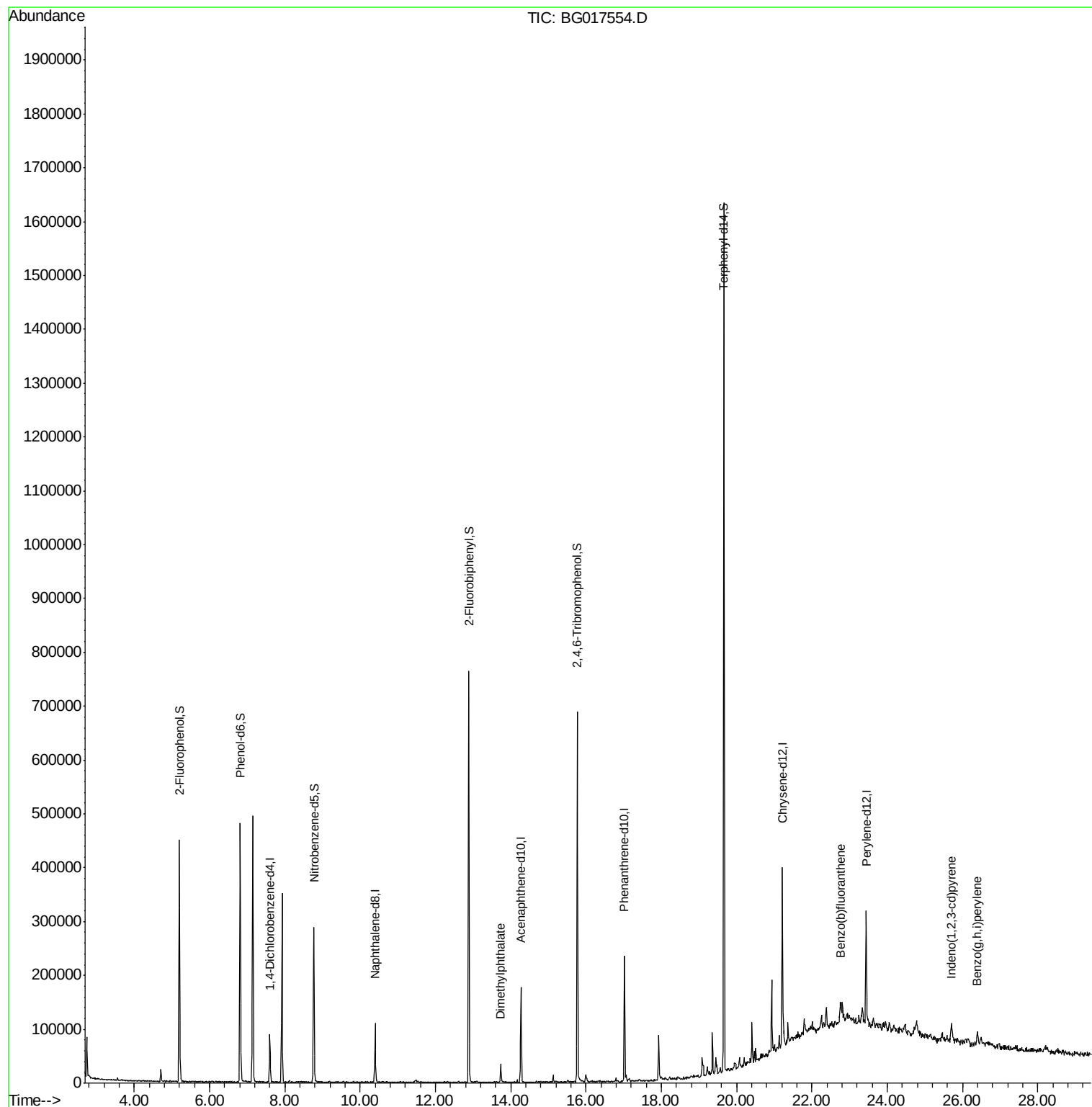
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	18515	20.00	ng	-0.01
21) Naphthalene-d8	10.40	136	80716	20.00	ng	0.00
38) Acenaphthene-d10	14.27	164	55927	20.00	ng	-0.02
63) Phenanthrene-d10	17.02	188	122144	20.00	ng	-0.02
75) Chrysene-d12	21.22	240	141906	20.00	ng	-0.02
86) Perylene-d12	23.45	264	149801	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	148129	140.95	ng	0.00
7) Phenol-d6	6.81	99	196457	137.22	ng	0.00
23) Nitrobenzene-d5	8.77	82	146207	90.42	ng	0.00
41) 2,4,6-Tribromophenol	15.77	330	99356	127.90	ng	-0.01
44) 2-Fluorobiphenyl	12.89	172	332256	89.62	ng	-0.01
78) Terphenyl-d14	19.66	244	585342	85.25	ng	-0.02
Target Compounds						
49) Dimethylphthalate	13.73	163	22490	4.62	ng	# 95
85) Indeno(1,2,3-cd)pyrene	25.71	276	25025	2.52	ng	96
87) Benzo(b)fluoranthene	22.77	252	19793	2.09	ng	# 81
91) Benzo(g,h,i)perylene	26.39	276	24060	2.79	ng	# 91

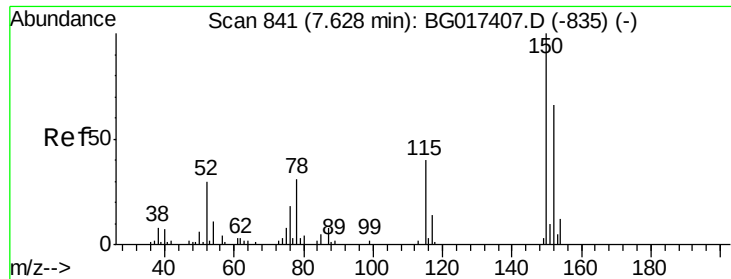
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_G
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E53ST11.1(2)

Quant Time: Jun 09 04:33:07 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 09 02:10:45 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.60 min Scan# 836

Delta R.T. -0.01 min

Lab File: BG017554.D

Acq: 9 Jun 2015 1:58

Instrument :

BNA_G

ClientSampleId :

E53ST11.1(2)

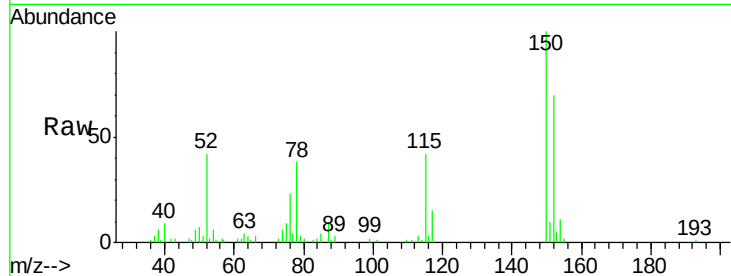
Tgt Ion:152 Resp: 18515

Ion Ratio Lower Upper

152 100

150 142.0 121.7 182.5

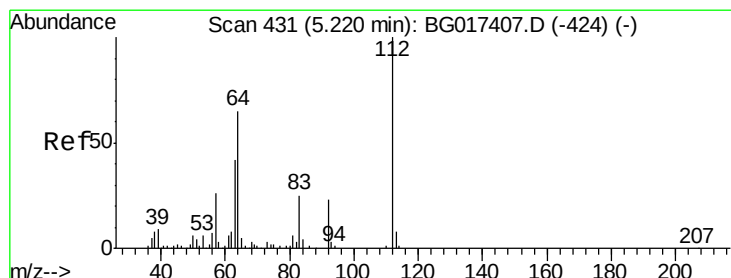
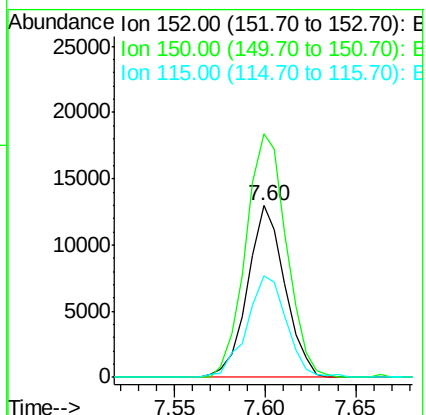
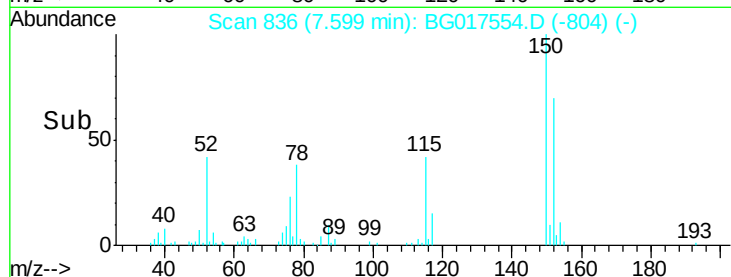
115 59.2 48.6 73.0



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: 140.95 ng

RT: 5.20 min Scan# 427

Delta R.T. -0.01 min

Lab File: BG017554.D

Acq: 9 Jun 2015 1:58

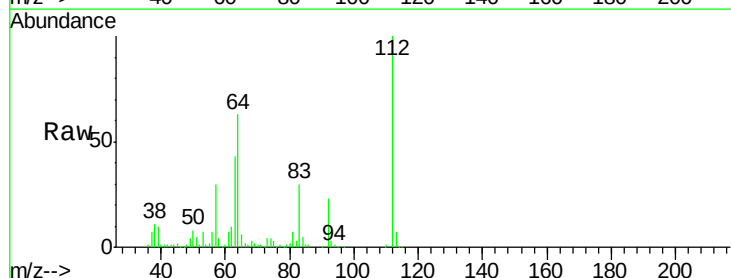
Tgt Ion:112 Resp: 148129

Ion Ratio Lower Upper

112 100

64 63.3 51.6 77.4

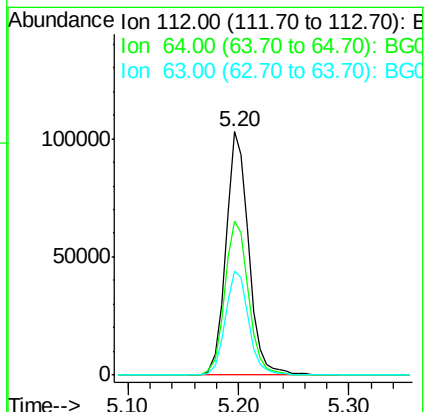
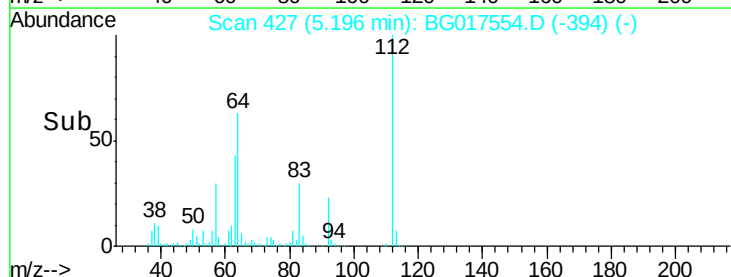
63 42.9 33.3 49.9

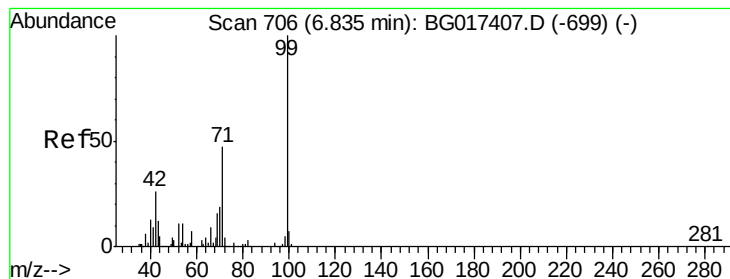


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 137.22 ng

RT: 6.81 min Scan# 702

Delta R.T. -0.01 min

Lab File: BG017554.D

Acq: 9 Jun 2015 1:58

Instrument :

BNA_G

ClientSampleId :

E53ST11.1(2)

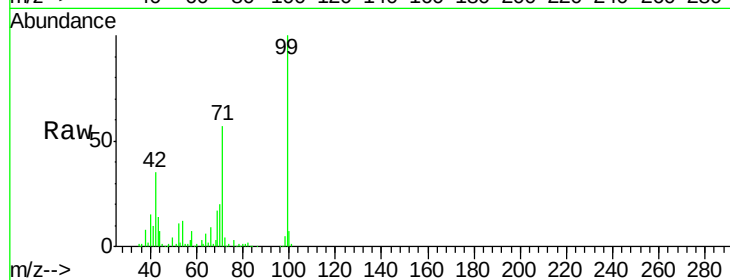
Tgt Ion: 99 Resp: 196457

Ion Ratio Lower Upper

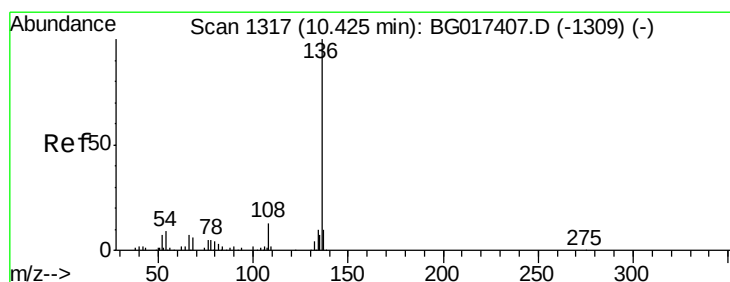
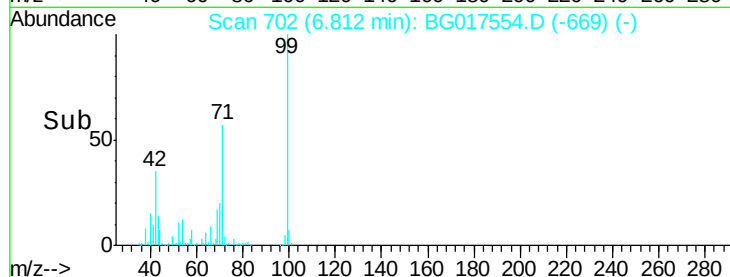
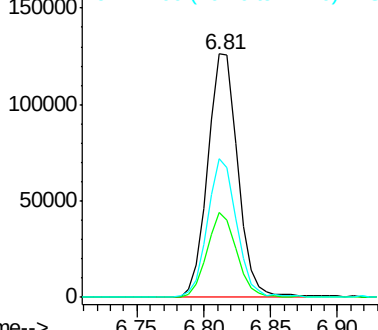
99 100

42 34.7 21.0 31.6#

71 57.2 37.2 55.8#



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: 10.40 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BG017554.D

Acq: 9 Jun 2015 1:58

Tgt Ion: 136 Resp: 80716

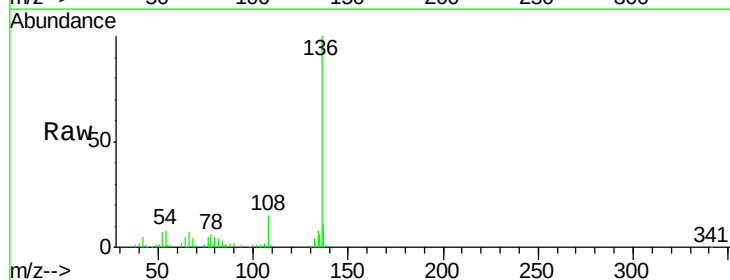
Ion Ratio Lower Upper

136 100

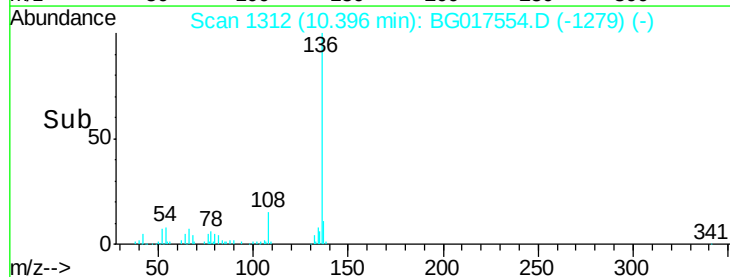
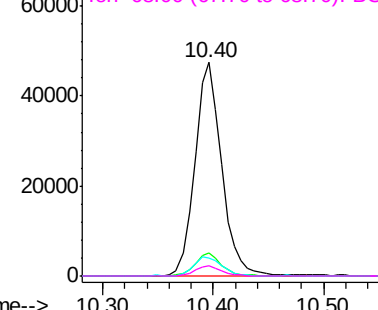
137 10.7 7.9 11.9

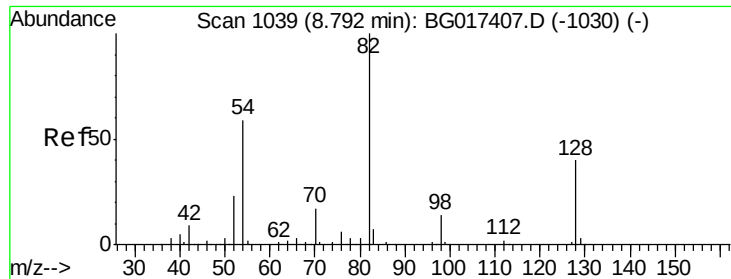
54 8.4 7.2 10.8

68 5.0 4.5 6.7



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

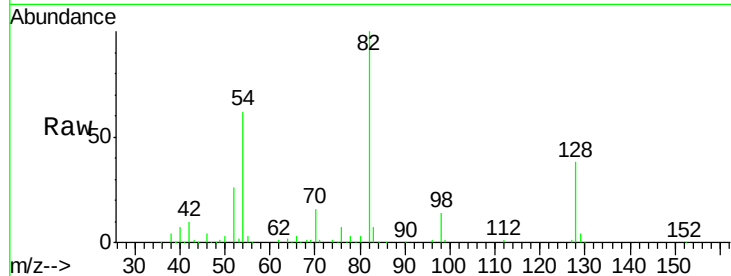




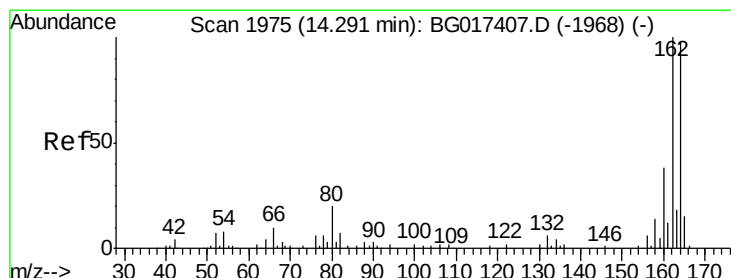
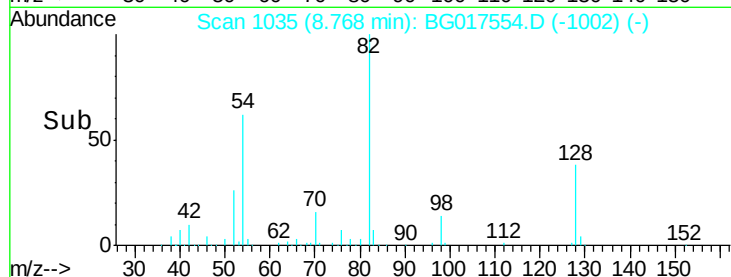
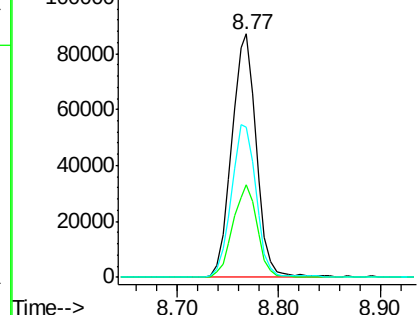
#23
 Nitrobenzene-d5
 Concen: 90.42 ng
 RT: 8.77 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BG017554.D
 Acq: 9 Jun 2015 1:58

Instrument :
 BNA_G
 ClientSampleId :
 E53ST11.1(2)

Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.2	32.2	48.4
54	61.9	47.4	71.2

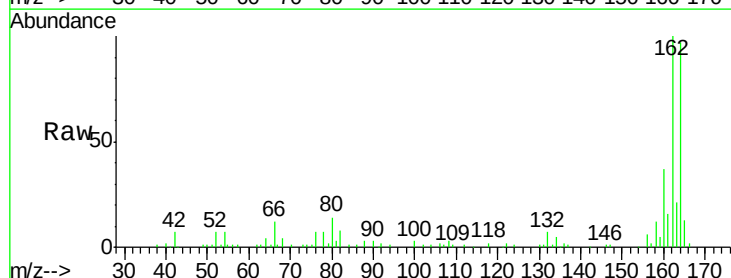


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

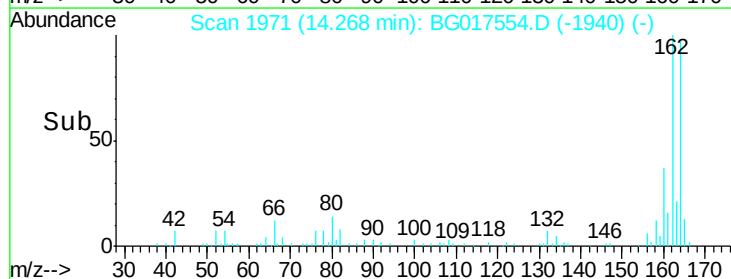
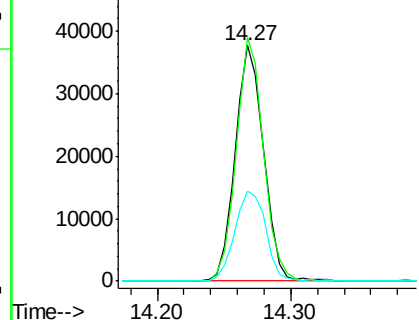


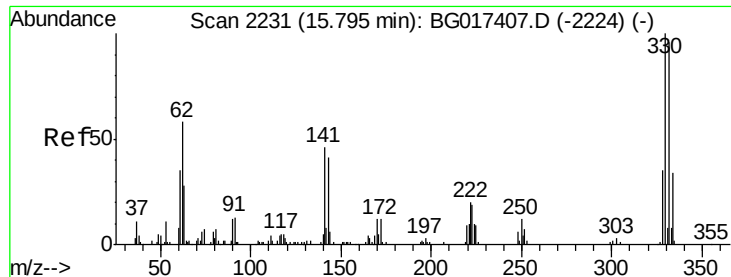
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.27 min Scan# 1971
 Delta R.T. -0.02 min
 Lab File: BG017554.D
 Acq: 9 Jun 2015 1:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	81.8	122.6
160	38.2	31.0	46.4



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

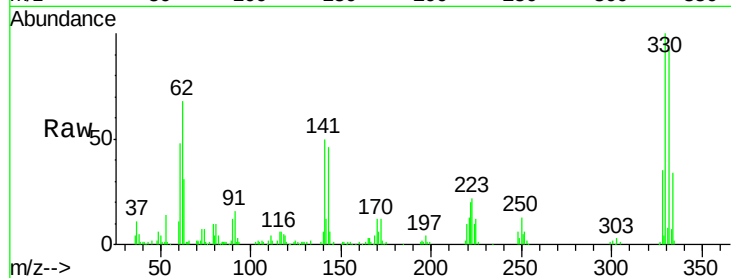




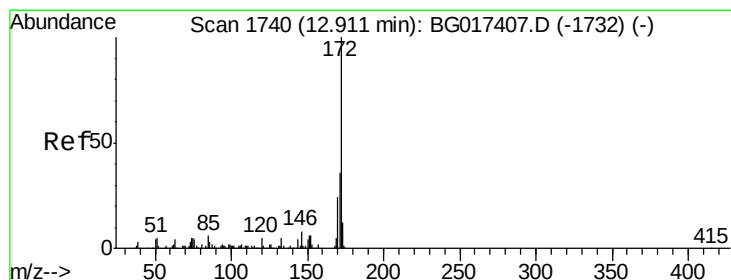
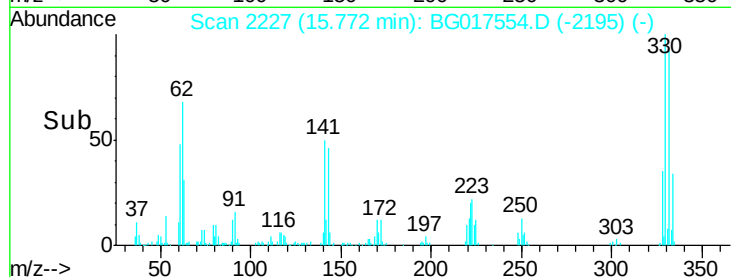
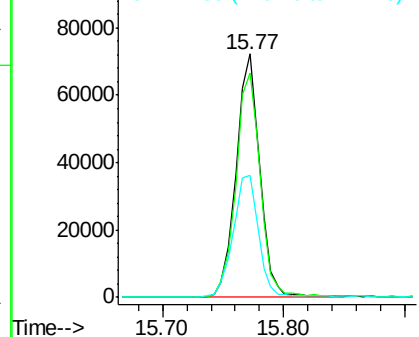
#41
 2,4,6-Tribromophenol
 Concen: 127.90 ng
 RT: 15.77 min Scan# 2227
 Delta R.T. -0.01 min
 Lab File: BG017554.D
 Acq: 9 Jun 2015 1:58

Instrument :
 BNA_G
 ClientSampleId :
 E53ST11.1(2)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.0	75.9	113.9
141	54.3	40.2	60.4

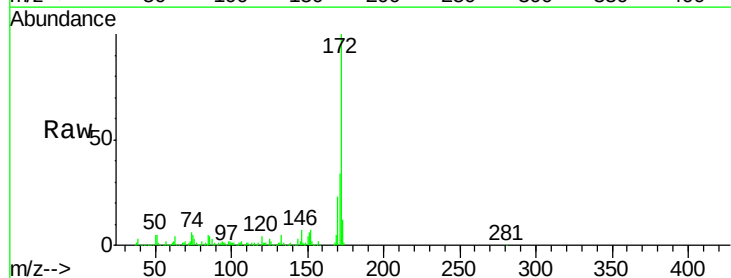


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

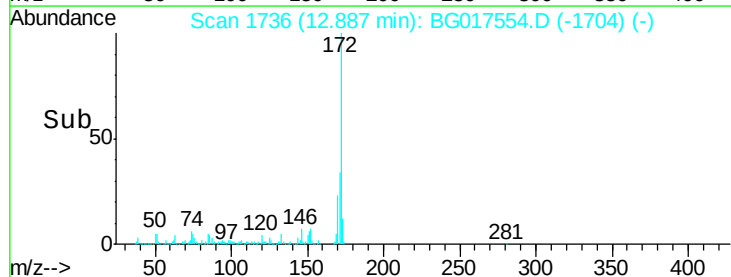
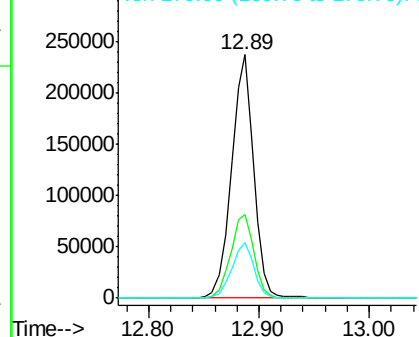


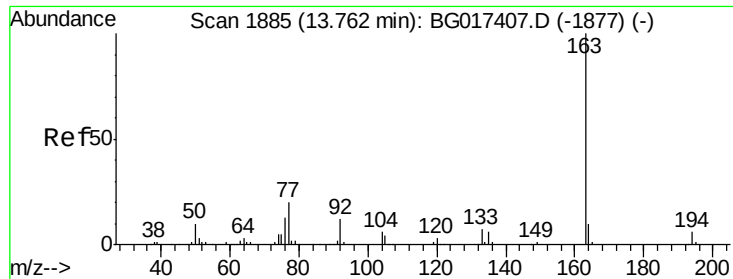
#44
 2-Fluorobiphenyl
 Concen: 89.62 ng
 RT: 12.89 min Scan# 1736
 Delta R.T. -0.01 min
 Lab File: BG017554.D
 Acq: 9 Jun 2015 1:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.2	29.0	43.6
170	22.9	18.9	28.3



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





#49

Dimethylphthalate

Concen: 4.62 ng

RT: 13.73 min Scan# 1880

Delta R.T. -0.02 min

Lab File: BG017554.D

Acq: 9 Jun 2015 1:58

Instrument :

BNA_G

ClientSampleId :

E53ST11.1(2)

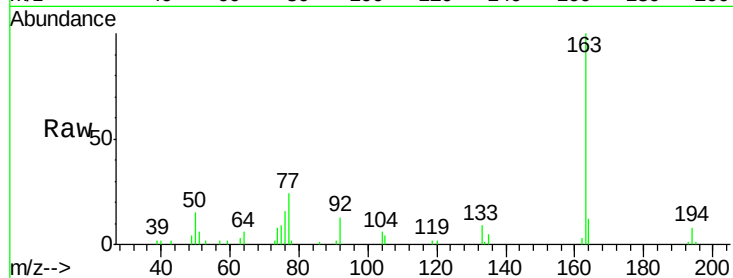
Tgt Ion:163 Resp: 22490

Ion Ratio Lower Upper

163 100

194 8.3 4.9 7.3#

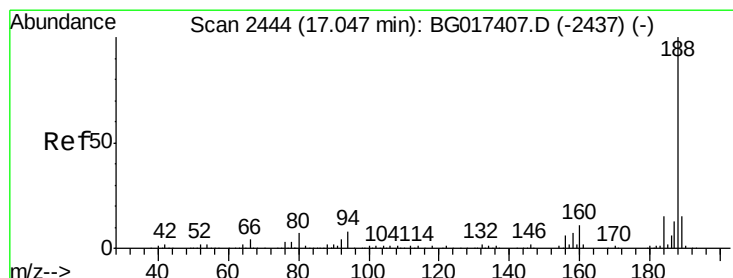
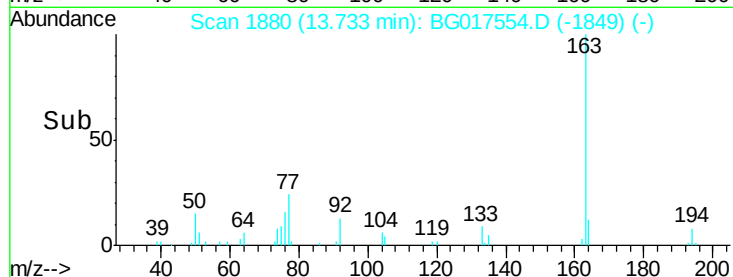
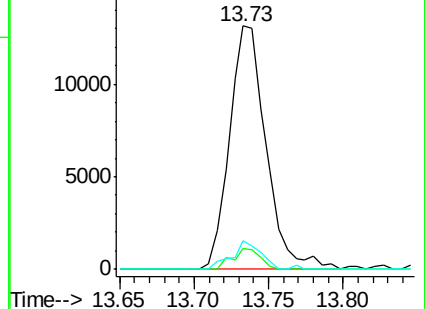
164 12.0 8.2 12.2



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.02 min Scan# 2439

Delta R.T. -0.02 min

Lab File: BG017554.D

Acq: 9 Jun 2015 1:58

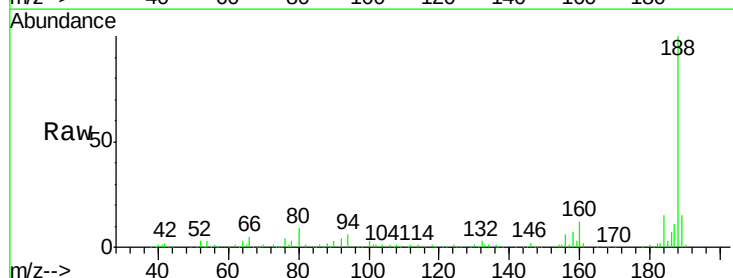
Tgt Ion:188 Resp: 122144

Ion Ratio Lower Upper

188 100

94 5.5 6.3 9.5#

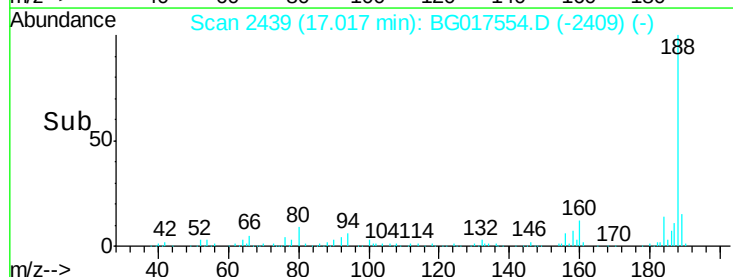
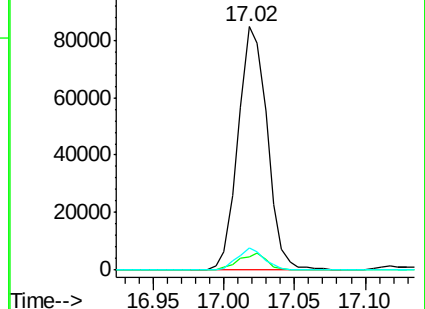
80 9.2 5.2 7.8#

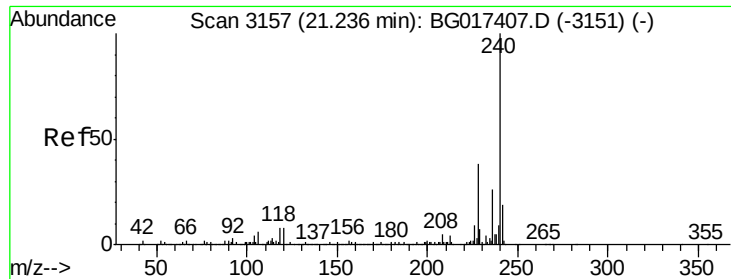


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.22 min Scan# 3154

Delta R.T. -0.02 min

Lab File: BG017554.D

Acq: 9 Jun 2015 1:58

Instrument :

BNA_G

ClientSampleId :

E53ST11.1(2)

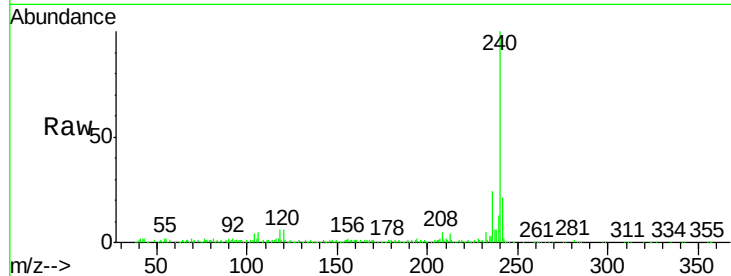
Tgt Ion:240 Resp: 141906

Ion Ratio Lower Upper

240 100

120 6.3 6.5 9.7#

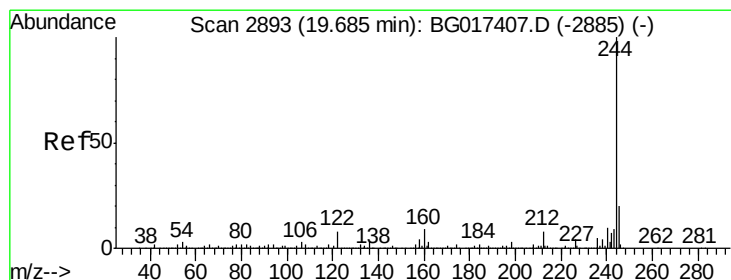
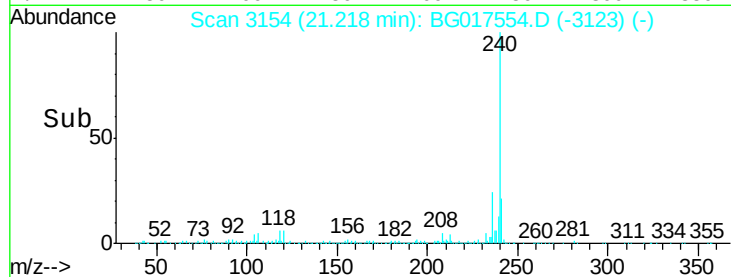
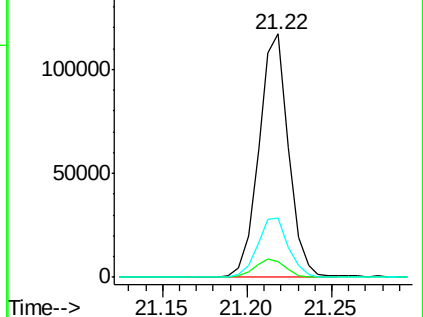
236 24.2 20.8 31.2



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



#78

Terphenyl-d14

Concen: 85.25 ng

RT: 19.66 min Scan# 2889

Delta R.T. -0.02 min

Lab File: BG017554.D

Acq: 9 Jun 2015 1:58

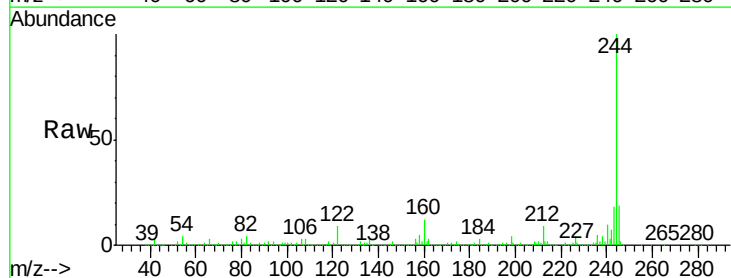
Tgt Ion:244 Resp: 585342

Ion Ratio Lower Upper

244 100

212 9.1 6.4 9.6

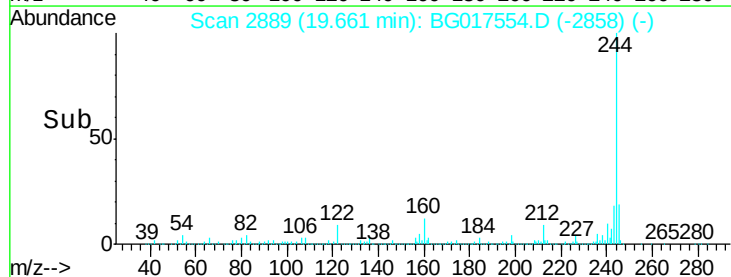
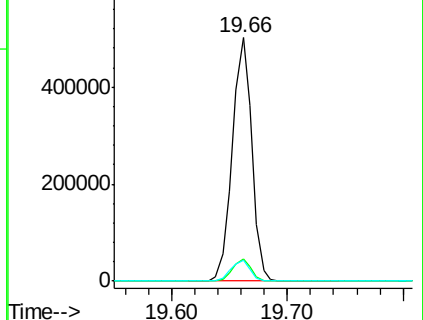
122 8.7 6.6 10.0

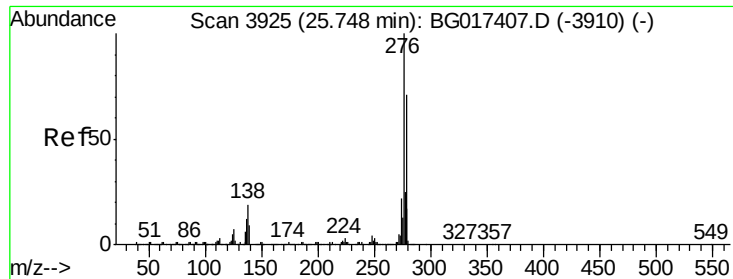


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#85

Indeno(1,2,3-cd)pyrene

Concen: 2.52 ng

RT: 25.71 min Scan# 3918

Delta R.T. -0.06 min

Lab File: BG017554.D

Acq: 9 Jun 2015 1:58

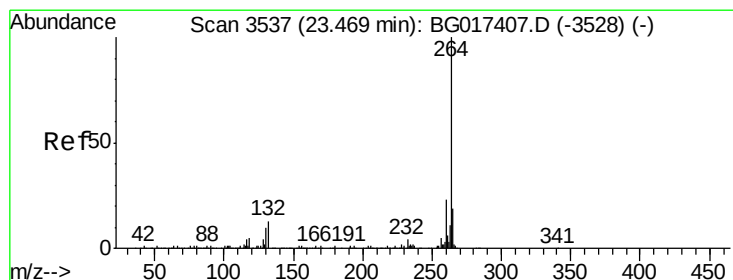
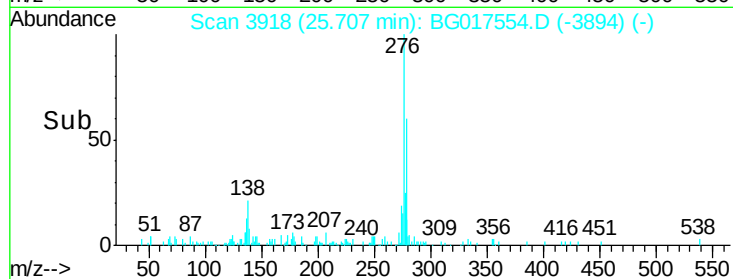
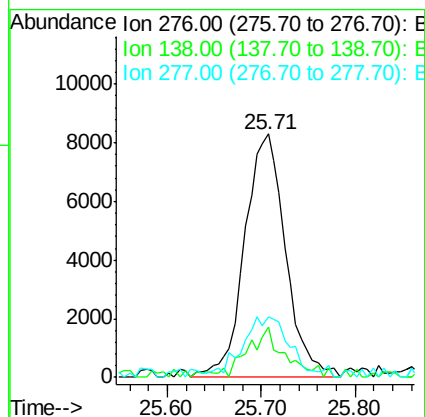
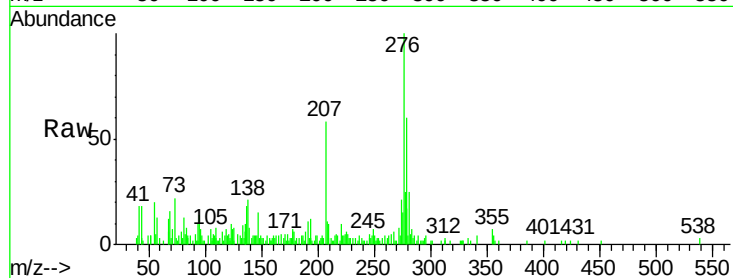
Instrument :

BNA_G

ClientSampleId :

E53ST11.1(2)

Tgt Ion:	276	Resp:	25025
Ion Ratio	Lower	Upper	
276	100		
138	18.6	15.4	23.0
277	28.3	20.5	30.7



#86

Perylene-d12

Concen: 20.00 ng

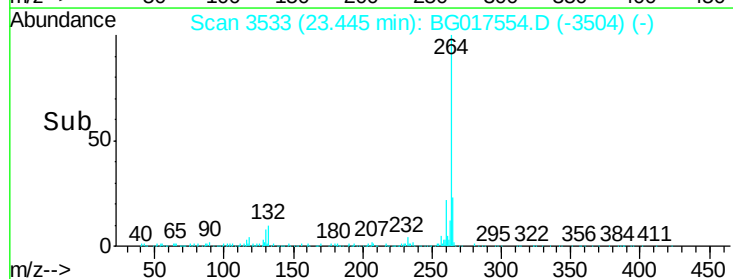
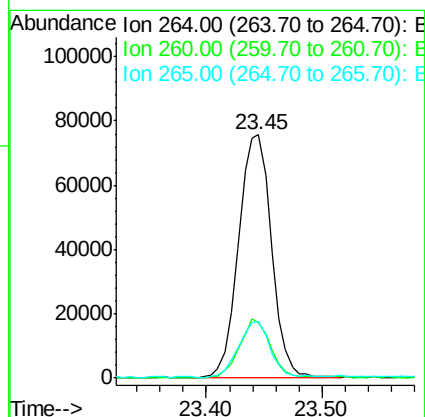
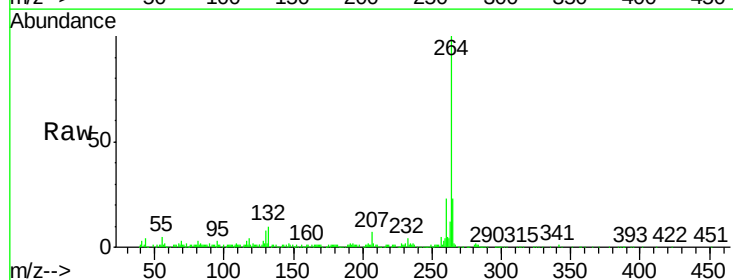
RT: 23.45 min Scan# 3533

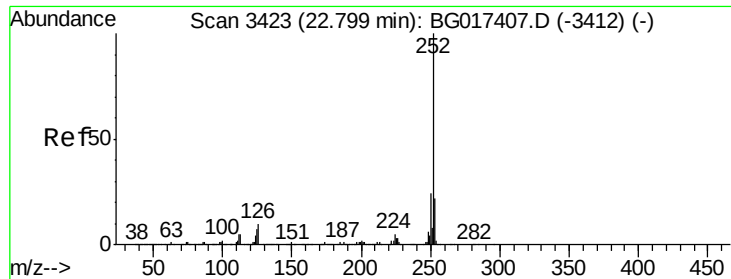
Delta R.T. -0.03 min

Lab File: BG017554.D

Acq: 9 Jun 2015 1:58

Tgt Ion:	264	Resp:	149801
Ion Ratio	Lower	Upper	
264	100		
260	22.7	18.2	27.4
265	23.3	15.8	23.6





#87

Benzo(b)fluoranthene

Concen: 2.09 ng

RT: 22.77 min Scan# 3418

Delta R.T. -0.04 min

Lab File: BG017554.D

Acq: 9 Jun 2015 1:58

Instrument :

BNA_G

ClientSampleId :

E53ST11.1(2)

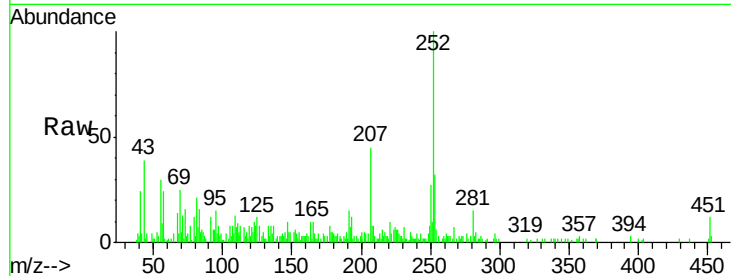
Tgt Ion:252 Resp: 19793

Ion Ratio Lower Upper

252 100

253 31.6 17.4 26.2#

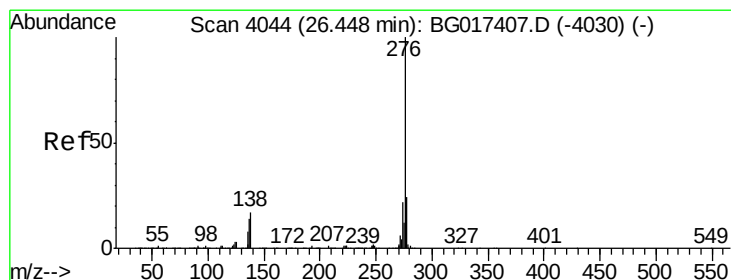
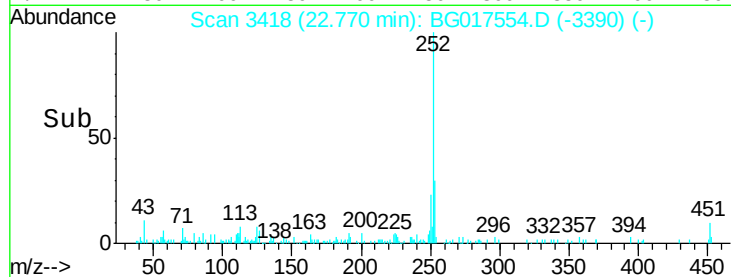
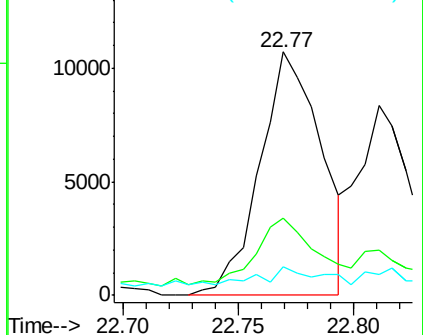
125 11.8 5.8 8.8#



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



#91

Benzo(g,h,i)perylene

Concen: 2.79 ng

RT: 26.39 min Scan# 4035

Delta R.T. -0.08 min

Lab File: BG017554.D

Acq: 9 Jun 2015 1:58

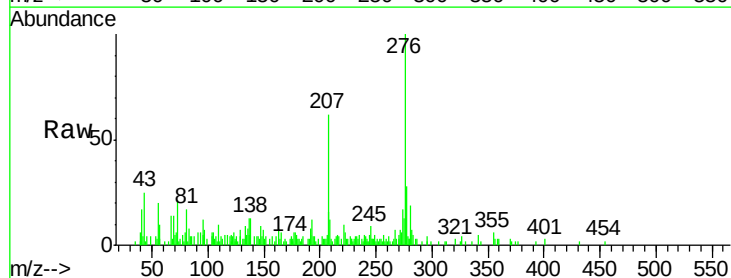
Tgt Ion:276 Resp: 24060

Ion Ratio Lower Upper

276 100

277 28.2 19.2 28.8

138 12.8 13.5 20.3#



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

