

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060615\
 Data File : BG017532.D
 Acq On : 7 Jun 2015 13:24
 Operator : TP/IZ
 Sample : G2457-01 2X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-1

Quant Time: Jun 08 05:26:59 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 04 01:31:15 2015
 Response via : Initial Calibration

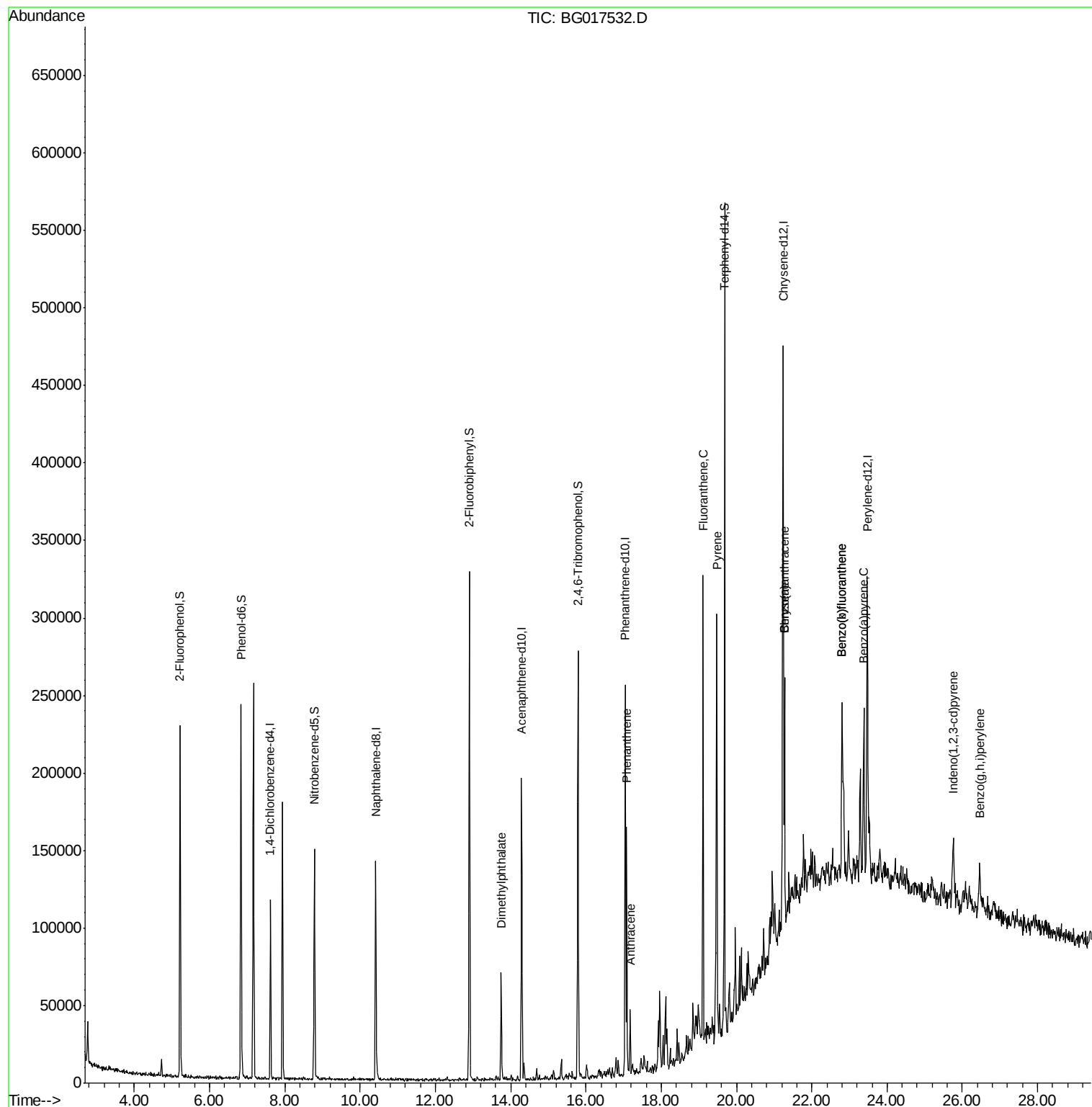
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	25597	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	104192	20.00	ng	0.00
38) Acenaphthene-d10	14.29	164	62522	20.00	ng	0.00
63) Phenanthrene-d10	17.04	188	121446	20.00	ng	0.00
75) Chrysene-d12	21.24	240	138307	20.00	ng	0.00
86) Perylene-d12	23.48	264	140341	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	79050	54.41	ng	0.00
7) Phenol-d6	6.83	99	104762	52.93	ng	0.00
23) Nitrobenzene-d5	8.78	82	77678	37.22	ng	0.00
41) 2,4,6-Tribromophenol	15.79	330	40198	46.29	ng	0.00
44) 2-Fluorobiphenyl	12.90	172	149974	36.18	ng	0.00
78) Terphenyl-d14	19.68	244	197216	29.47	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	13.75	163	39767	7.31	ng	99
70) Phenanthrene	17.09	178	83125	12.28	ng	96
71) Anthracene	17.17	178	22357	3.31	ng	# 93
74) Fluoranthene	19.11	202	163121	18.42	ng	99
77) Pyrene	19.48	202	160086	18.79	ng	99
80) Benzo(a)anthracene	21.27	228	77256	9.08	ng	96
82) Chrysene	21.27	228	77256	10.03	ng	98
85) Indeno(1,2,3-cd)pyrene	25.76	276	39376	4.07	ng	93
87) Benzo(b)fluoranthene	22.81	252	126422	14.22	ng	# 98
88) Benzo(k)fluoranthene	22.81	252	126422	14.85	ng	99
89) Benzo(a)pyrene	23.38	252	73483	9.01	ng	# 98
91) Benzo(g,h,i)perylene	26.46	276	36510	4.53	ng	# 94

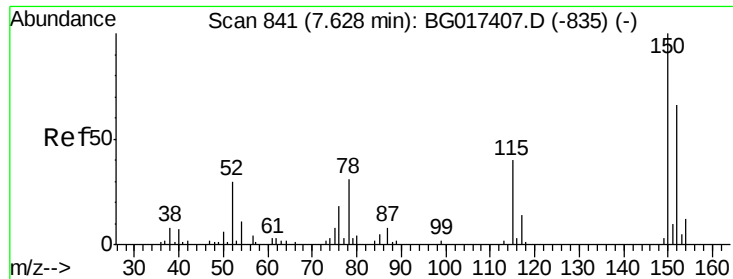
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060615\
Data File : BG017532.D
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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-1

Quant Time: Jun 08 05:26:59 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 04 01:31:15 2015
Response via : Initial Calibration



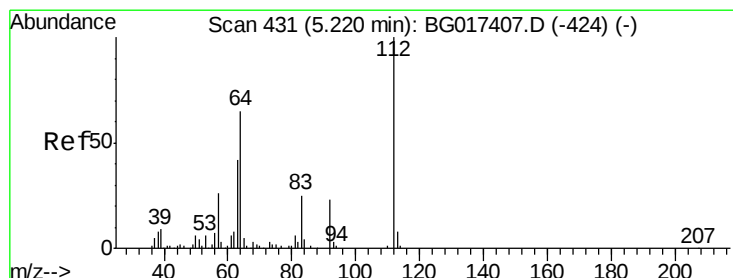
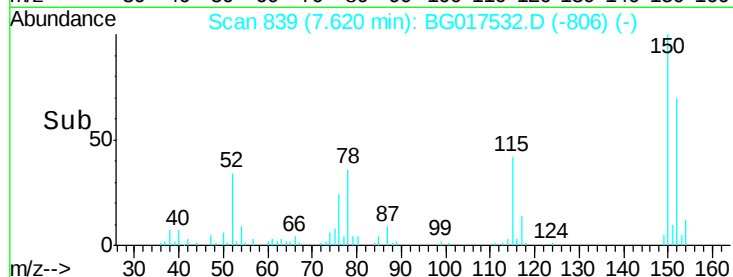
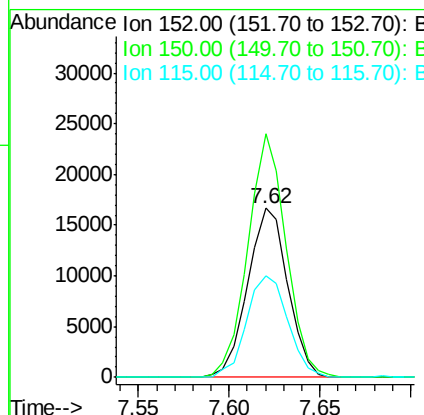
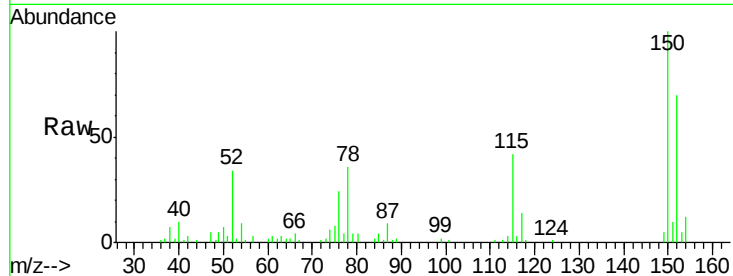


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.62 min Scan# 839
Delta R.T. -0.01 min
Lab File: BG017532.D
Acq: 7 Jun 2015 13:24

Instrument :
BNA_G
ClientSampleId :
SP-1

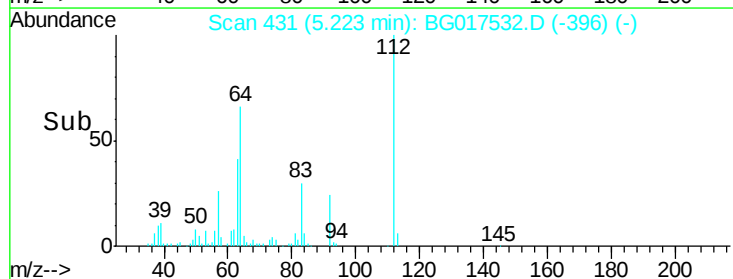
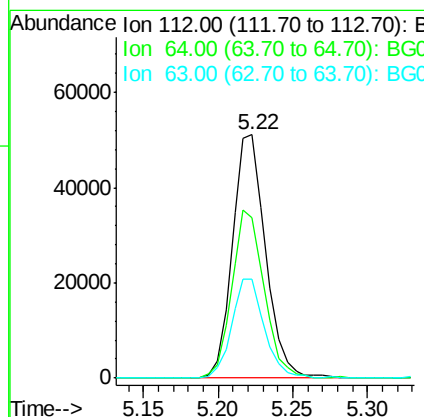
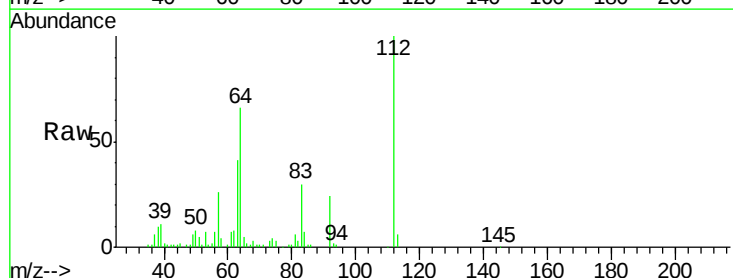
Tgt Ion:152 Resp: 25597
Ion Ratio Lower Upper
152 100
150 143.9 121.7 182.5
115 60.1 48.6 73.0

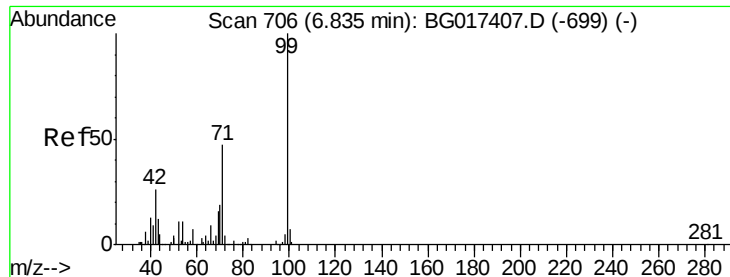


#5

2-Fluorophenol
Concen: 54.41 ng
RT: 5.22 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG017532.D
Acq: 7 Jun 2015 13:24

Tgt Ion:112 Resp: 79050
Ion Ratio Lower Upper
112 100
64 66.0 51.6 77.4
63 40.7 33.3 49.9





#7

Phenol-d6

Concen: 52.93 ng

RT: 6.83 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG017532.D

Acq: 7 Jun 2015 13:24

Instrument :

BNA_G

ClientSampleId :

SP-1

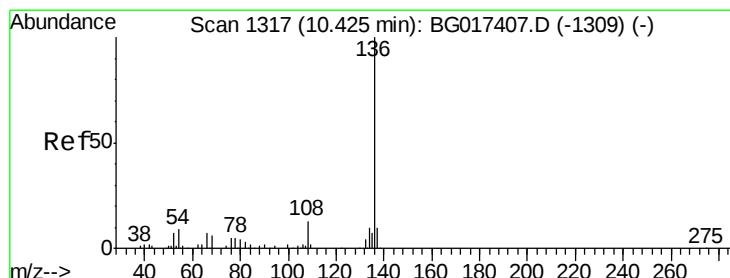
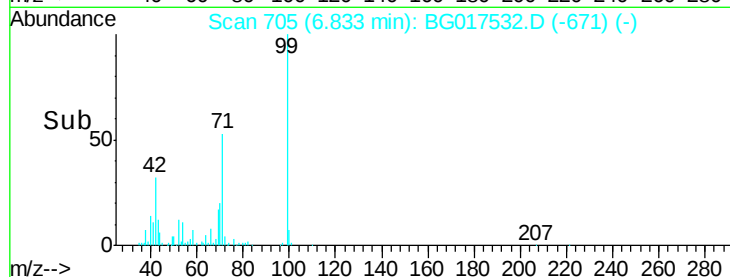
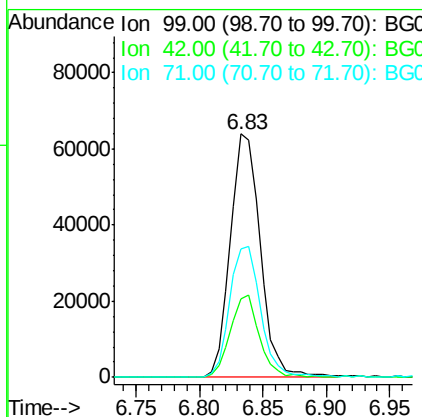
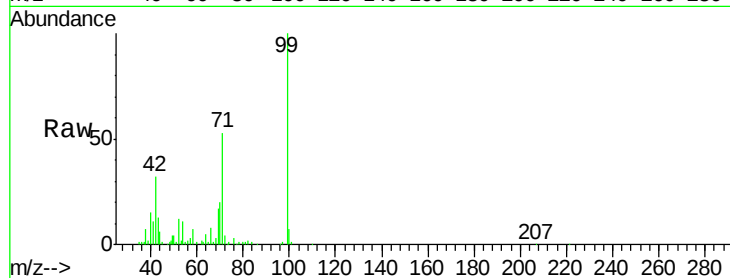
Tgt Ion: 99 Resp: 104762

Ion Ratio Lower Upper

99 100

42 32.2 21.0 31.6#

71 52.9 37.2 55.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.42 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BG017532.D

Acq: 7 Jun 2015 13:24

Tgt Ion: 136 Resp: 104192

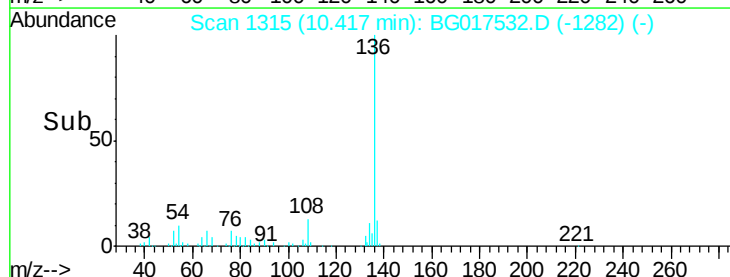
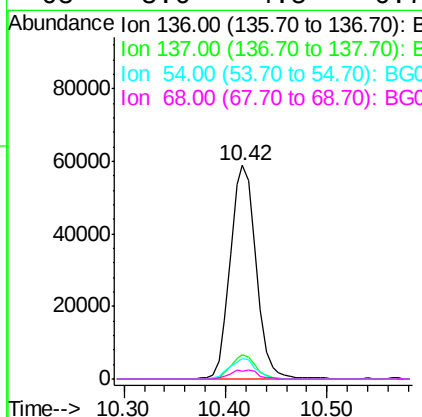
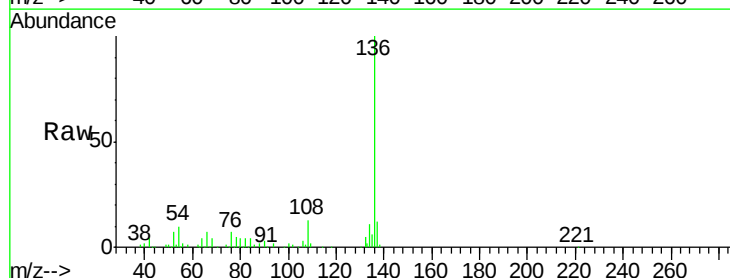
Ion Ratio Lower Upper

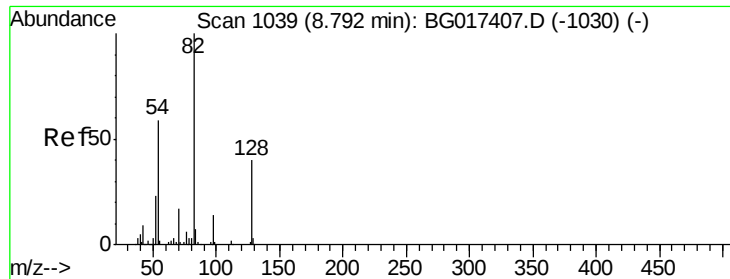
136 100

137 11.6 7.9 11.9

54 9.5 7.2 10.8

68 3.6 4.5 6.7#

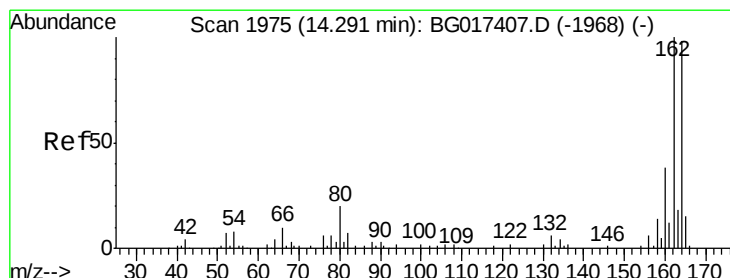
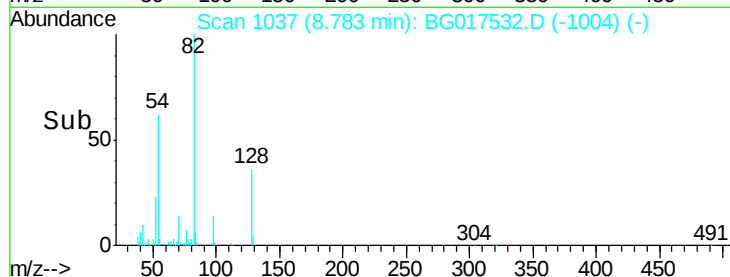
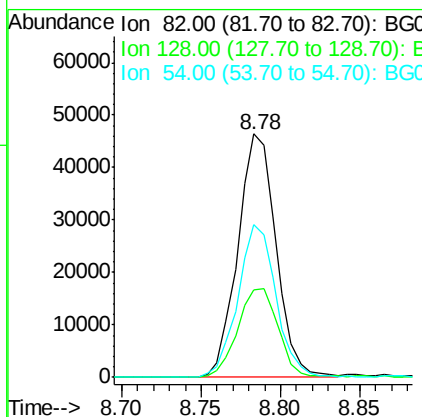
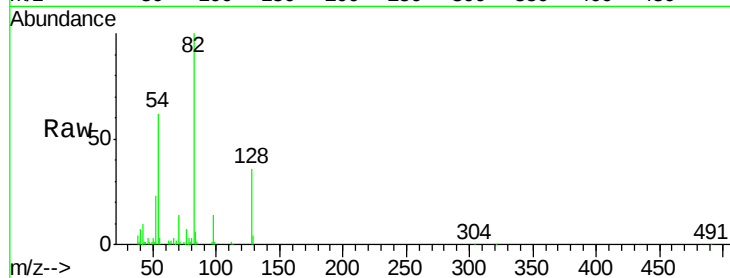




#23
 Nitrobenzene-d5
 Concen: 37.22 ng
 RT: 8.78 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BG017532.D
 Acq: 7 Jun 2015 13:24

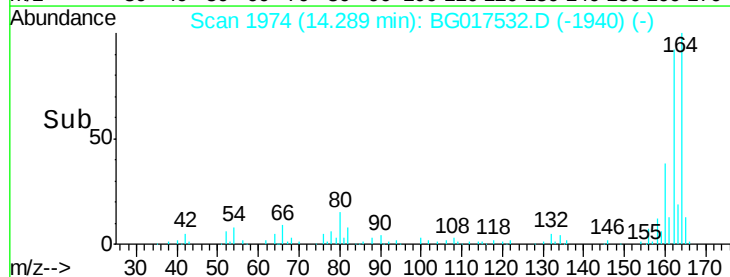
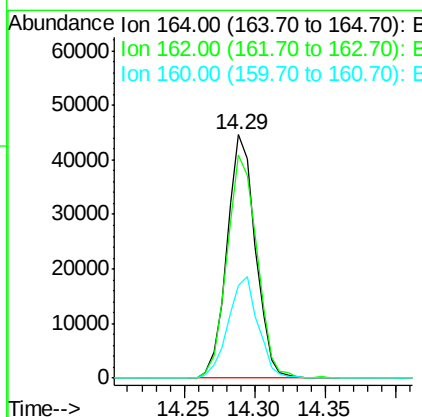
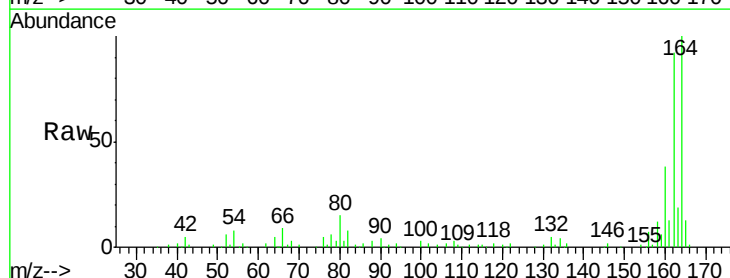
Instrument :
 BNA_G
 ClientSampleId :
 SP-1

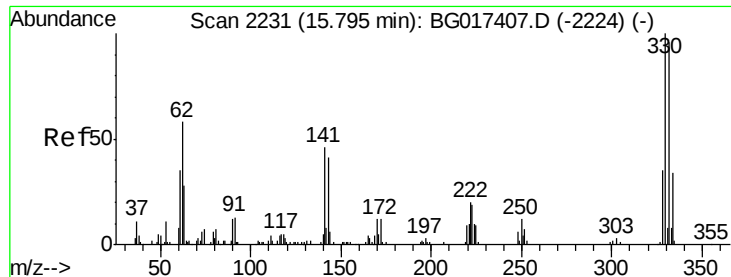
Tgt Ion: 82 Resp: 77678
 Ion Ratio Lower Upper
 82 100
 128 36.1 32.2 48.4
 54 62.5 47.4 71.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.29 min Scan# 1974
 Delta R.T. -0.00 min
 Lab File: BG017532.D
 Acq: 7 Jun 2015 13:24

Tgt Ion: 164 Resp: 62522
 Ion Ratio Lower Upper
 164 100
 162 91.7 81.8 122.6
 160 37.8 31.0 46.4

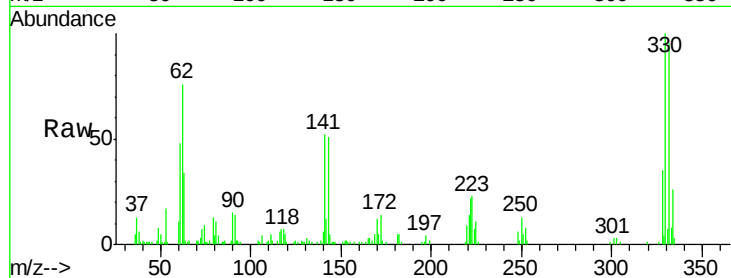




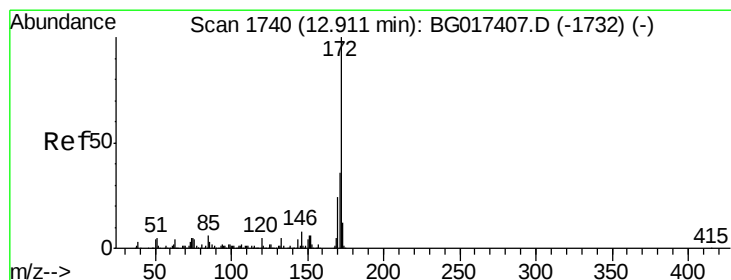
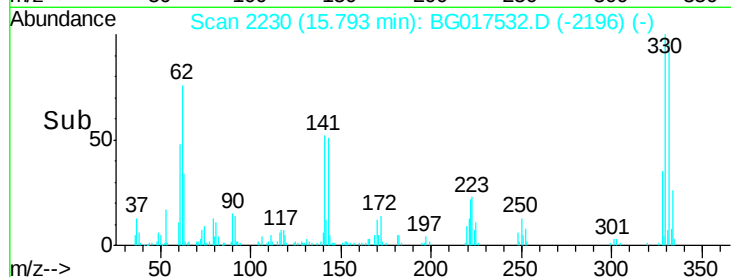
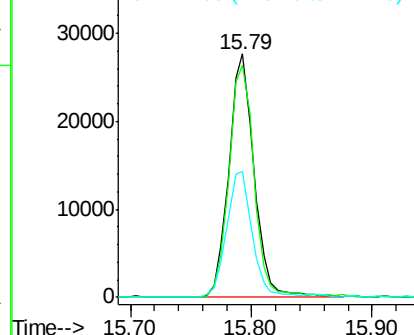
#41
 2,4,6-Tribromophenol
 Concen: 46.29 ng
 RT: 15.79 min Scan# 2230
 Delta R.T. -0.00 min
 Lab File: BG017532.D
 Acq: 7 Jun 2015 13:24

Instrument :
 BNA_G
 ClientSampleId :
 SP-1

Tgt Ion:330 Resp: 40198
 Ion Ratio Lower Upper
 330 100
 332 94.9 75.9 113.9
 141 51.8 40.2 60.4

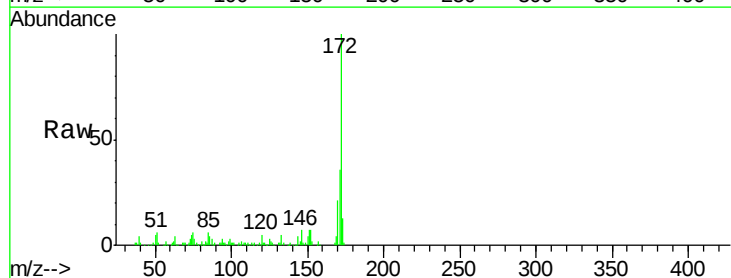


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

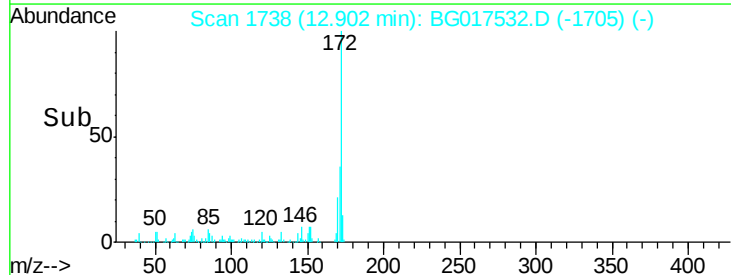
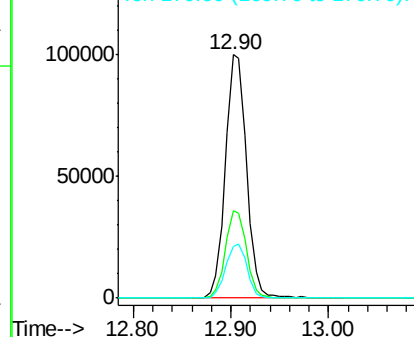


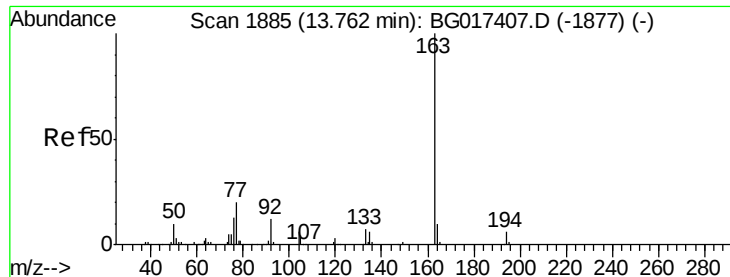
#44
 2-Fluorobiphenyl
 Concen: 36.18 ng
 RT: 12.90 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BG017532.D
 Acq: 7 Jun 2015 13:24

Tgt Ion:172 Resp: 149974
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.0 43.6
 170 21.1 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: 7.31 ng

RT: 13.75 min Scan# 1883

Delta R.T. -0.01 min

Lab File: BG017532.D

Acq: 7 Jun 2015 13:24

Instrument :

BNA_G

ClientSampleId :

SP-1

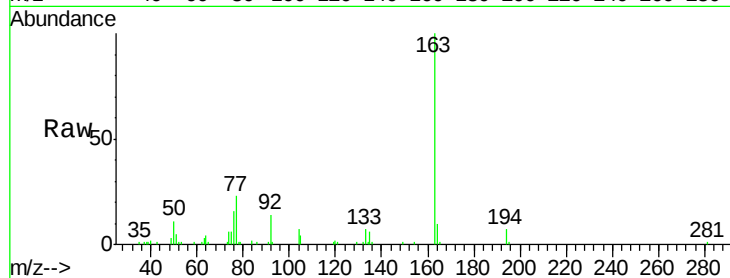
Tgt Ion:163 Resp: 39767

Ion Ratio Lower Upper

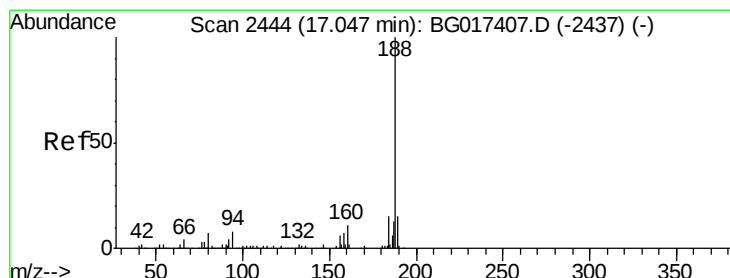
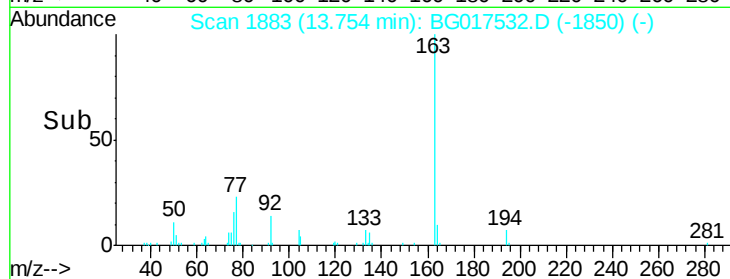
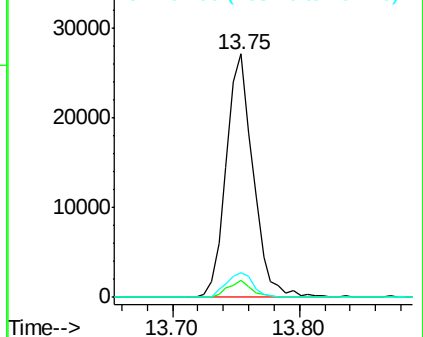
163 100

194 7.0 4.9 7.3

164 9.9 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: 17.04 min Scan# 2443

Delta R.T. -0.00 min

Lab File: BG017532.D

Acq: 7 Jun 2015 13:24

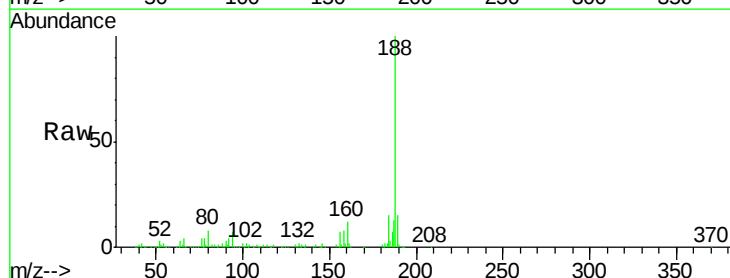
Tgt Ion:188 Resp: 121446

Ion Ratio Lower Upper

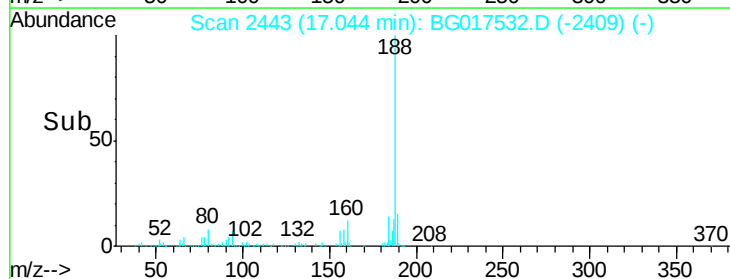
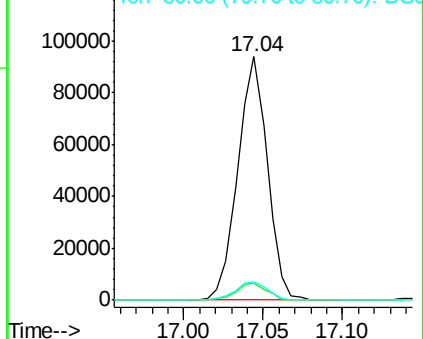
188 100

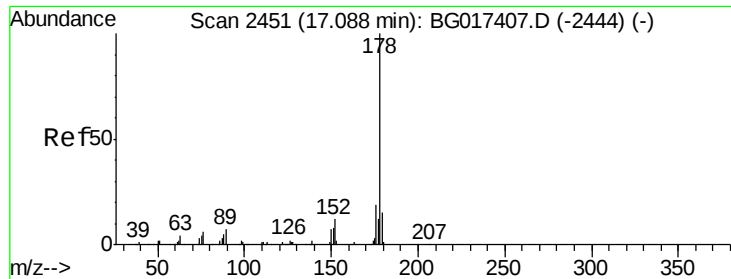
94 6.8 6.3 9.5

80 7.7 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





#70

Phenanthrene

Concen: 12.28 ng

RT: 17.09 min Scan# 2450

Delta R.T. -0.00 min

Lab File: BG017532.D

Acq: 7 Jun 2015 13:24

Instrument :

BNA_G

ClientSampleId :

SP-1

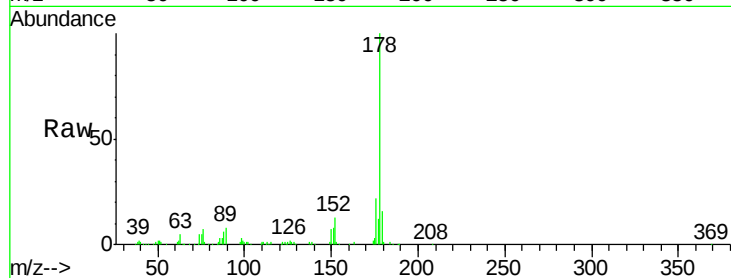
Tgt Ion:178 Resp: 83125

Ion Ratio Lower Upper

178 100

176 21.8 15.6 23.4

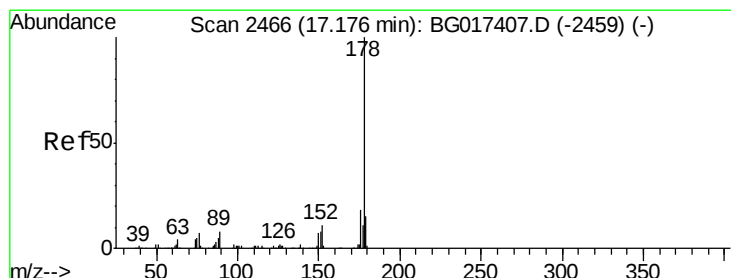
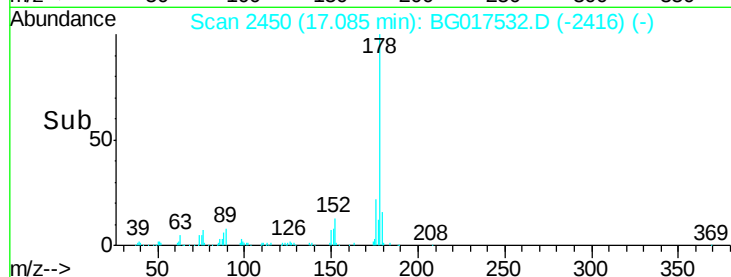
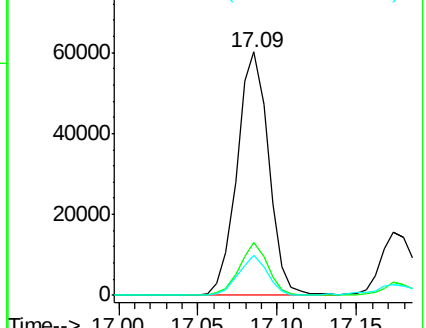
179 16.3 12.2 18.2



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: 3.31 ng

RT: 17.17 min Scan# 2465

Delta R.T. -0.00 min

Lab File: BG017532.D

Acq: 7 Jun 2015 13:24

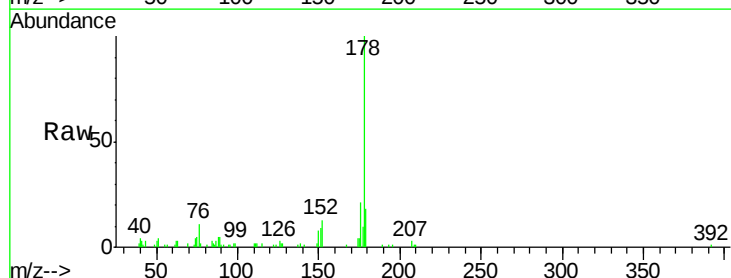
Tgt Ion:178 Resp: 22357

Ion Ratio Lower Upper

178 100

176 21.3 14.2 21.2#

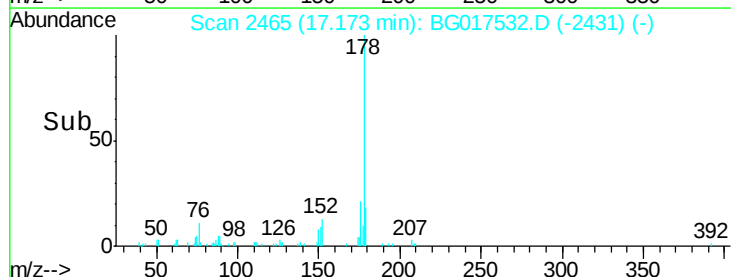
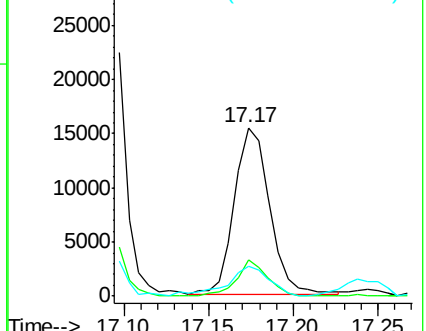
179 17.9 12.2 18.4

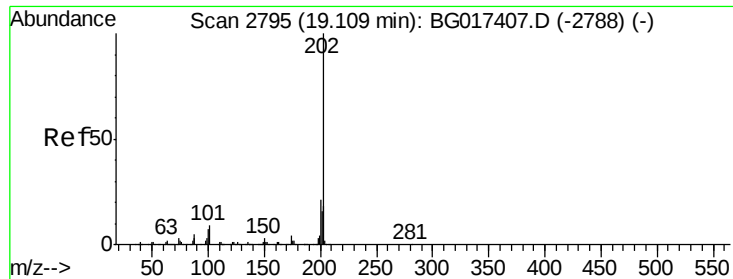


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 18.42 ng

RT: 19.11 min Scan# 2795

Delta R.T. 0.00 min

Lab File: BG017532.D

Acq: 7 Jun 2015 13:24

Instrument :

BNA_G

ClientSampleId :

SP-1

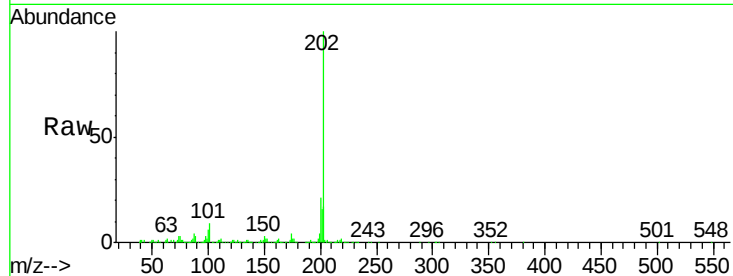
Tgt Ion:202 Resp: 163121

Ion Ratio Lower Upper

202 100

101 8.9 0.0 28.8

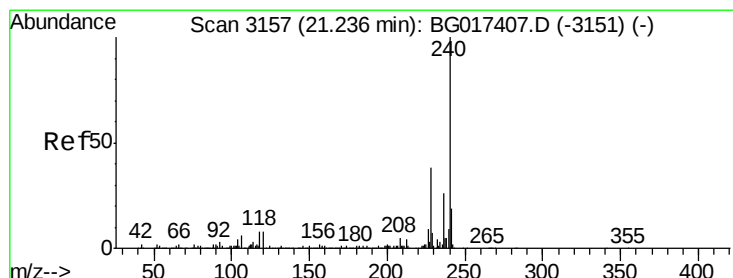
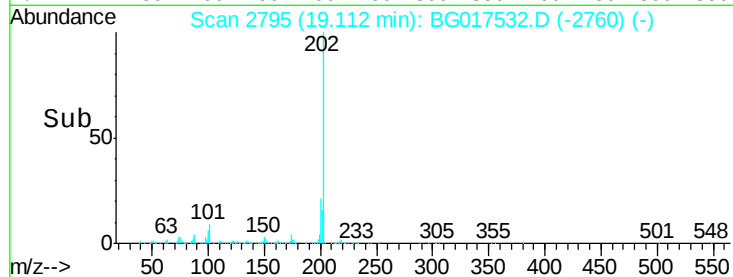
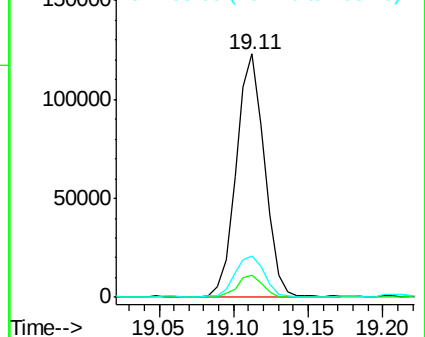
203 16.8 0.0 37.6



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.24 min Scan# 3157

Delta R.T. 0.00 min

Lab File: BG017532.D

Acq: 7 Jun 2015 13:24

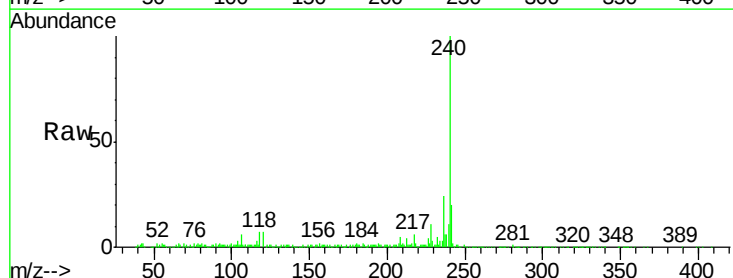
Tgt Ion:240 Resp: 138307

Ion Ratio Lower Upper

240 100

120 6.9 6.5 9.7

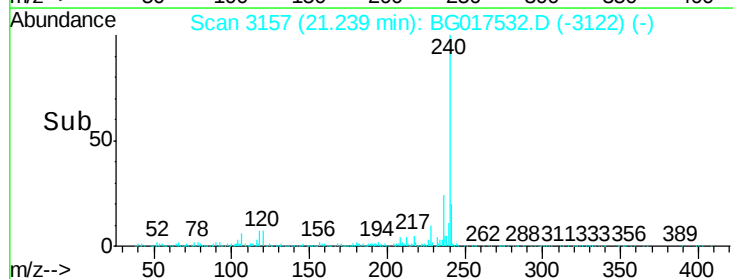
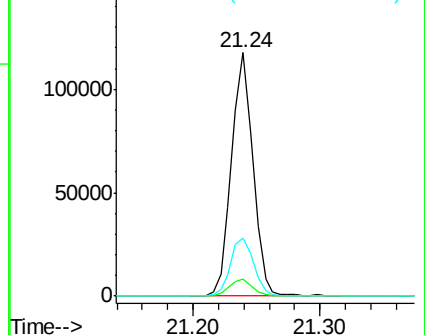
236 24.0 20.8 31.2

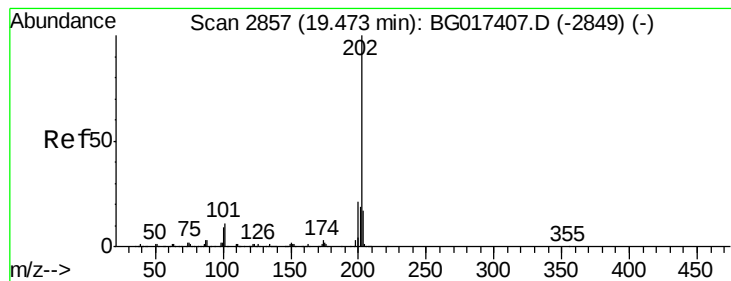


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 18.79 ng

RT: 19.48 min Scan# 2857

Delta R.T. 0.00 min

Lab File: BG017532.D

Acq: 7 Jun 2015 13:24

Instrument :

BNA_G

ClientSampleId :

SP-1

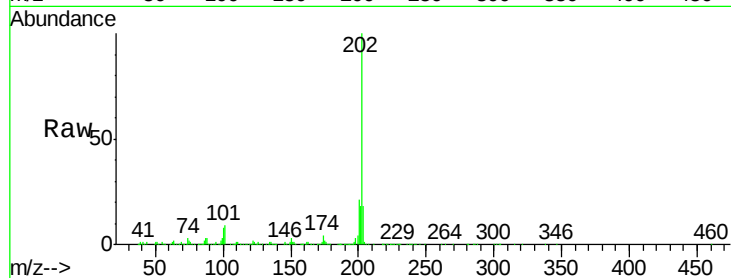
Tgt Ion:202 Resp: 160086

Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.4

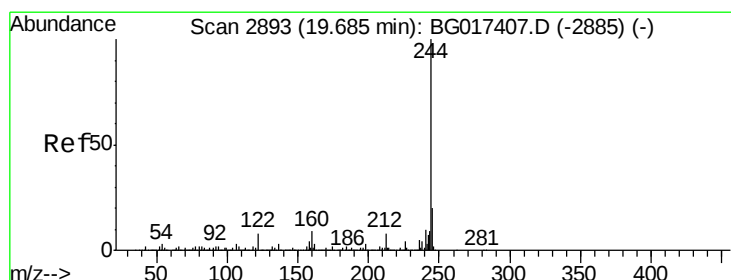
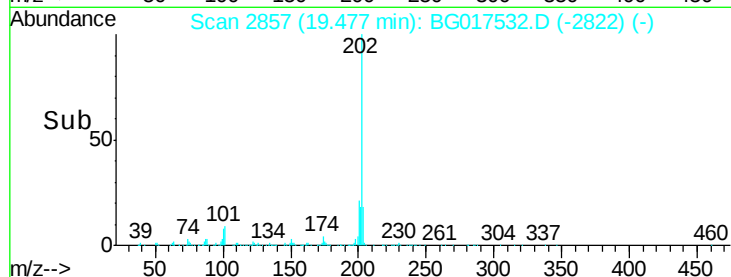
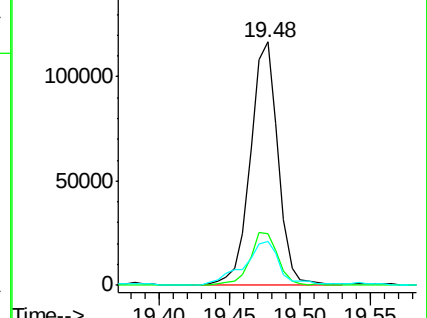
203 17.9 13.9 20.9



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: 29.47 ng

RT: 19.68 min Scan# 2892

Delta R.T. -0.00 min

Lab File: BG017532.D

Acq: 7 Jun 2015 13:24

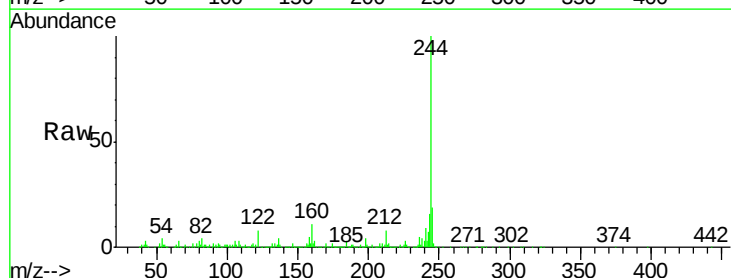
Tgt Ion:244 Resp: 197216

Ion Ratio Lower Upper

244 100

212 8.5 6.4 9.6

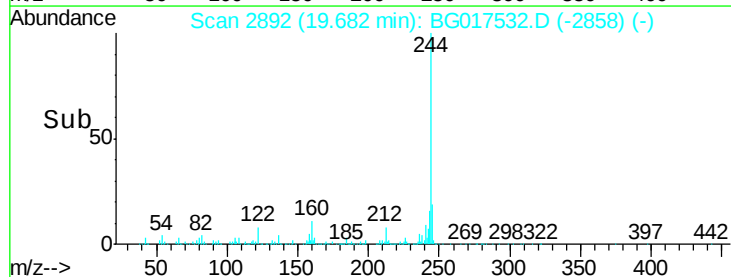
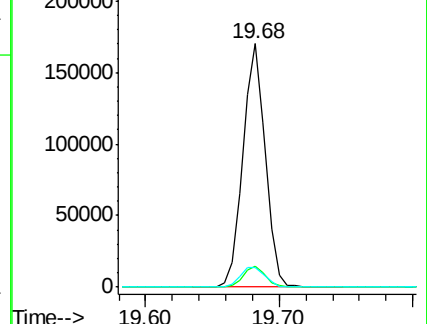
122 8.2 6.6 10.0

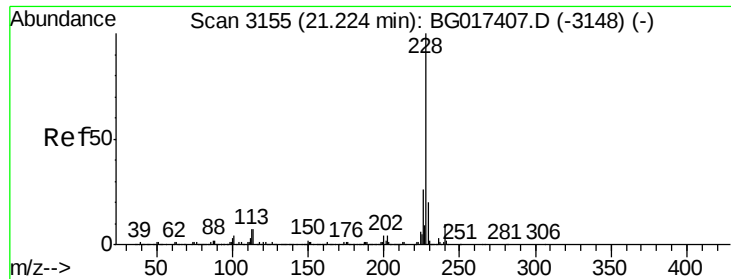


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 9.08 ng

RT: 21.27 min Scan# 3163

Delta R.T. 0.05 min

Lab File: BG017532.D

Acq: 7 Jun 2015 13:24

Instrument :

BNA_G

ClientSampleId :

SP-1

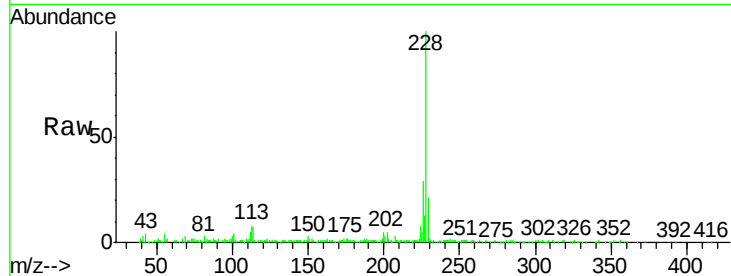
Tgt Ion:228 Resp: 77256

Ion Ratio Lower Upper

228 100

226 29.1 21.0 31.6

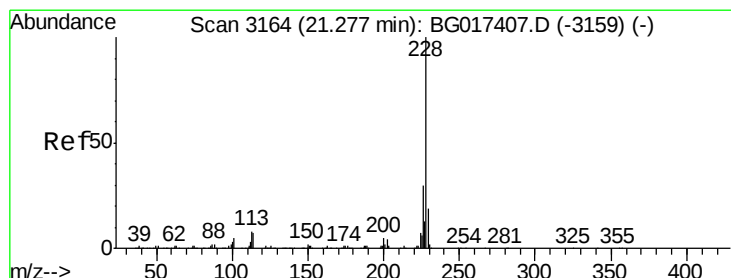
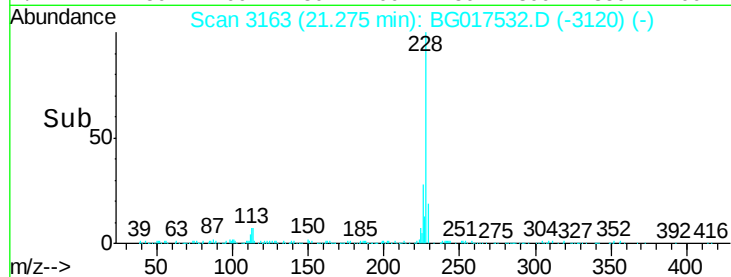
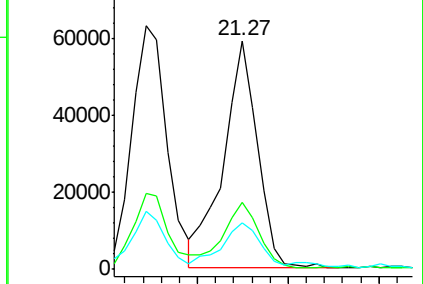
229 20.6 15.7 23.5



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



#82

Chrysene

Concen: 10.03 ng

RT: 21.27 min Scan# 3163

Delta R.T. -0.00 min

Lab File: BG017532.D

Acq: 7 Jun 2015 13:24

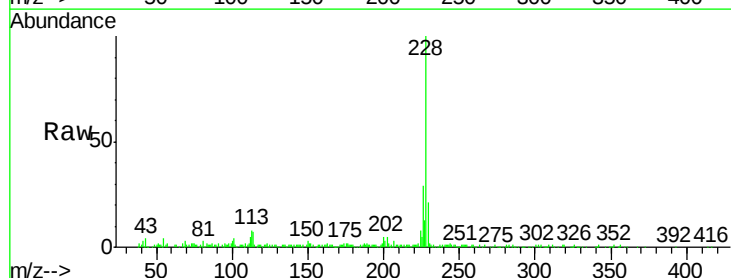
Tgt Ion:228 Resp: 77256

Ion Ratio Lower Upper

228 100

226 29.1 23.7 35.5

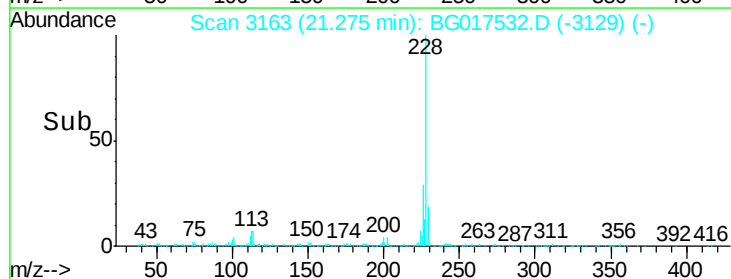
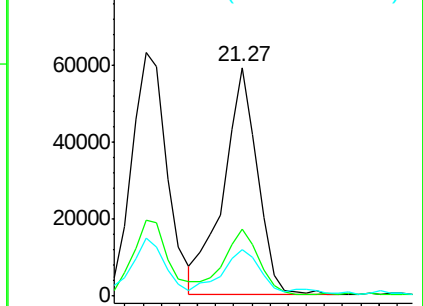
229 20.6 15.2 22.8

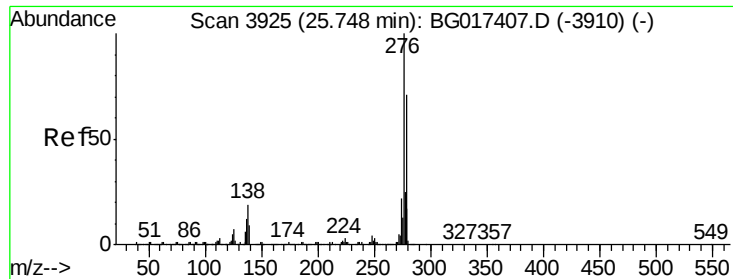


Abundance Ion 228.00 (227.70 to 228.70): E

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: 4.07 ng

RT: 25.76 min Scan# 3926

Delta R.T. 0.01 min

Lab File: BG017532.D

Acq: 7 Jun 2015 13:24

Instrument :

BNA_G

ClientSampleId :

SP-1

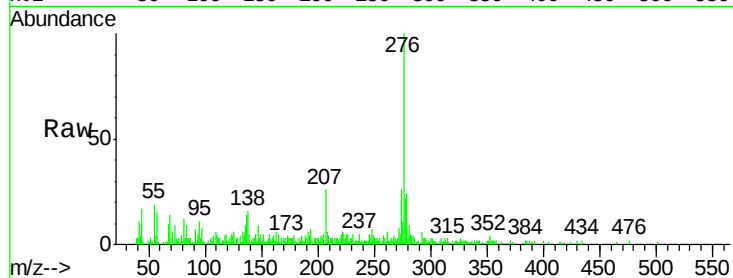
Tgt Ion:276 Resp: 39376

Ion Ratio Lower Upper

276 100

138 15.7 15.4 23.0

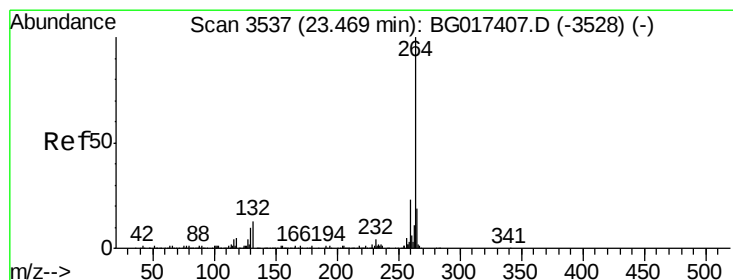
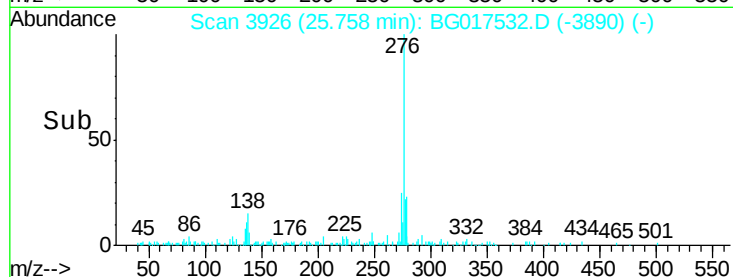
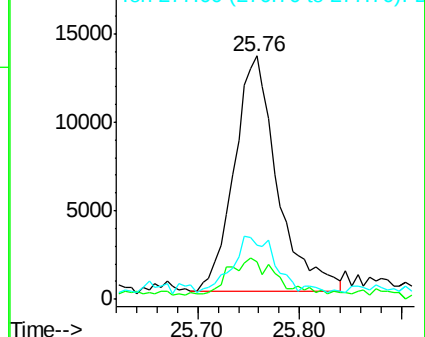
277 22.7 20.5 30.7



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: 23.48 min Scan# 3538

Delta R.T. 0.01 min

Lab File: BG017532.D

Acq: 7 Jun 2015 13:24

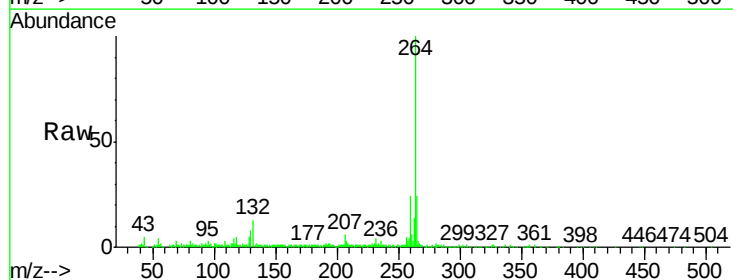
Tgt Ion:264 Resp: 140341

Ion Ratio Lower Upper

264 100

260 24.3 18.2 27.4

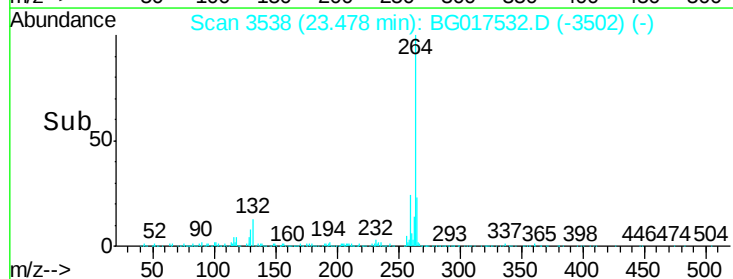
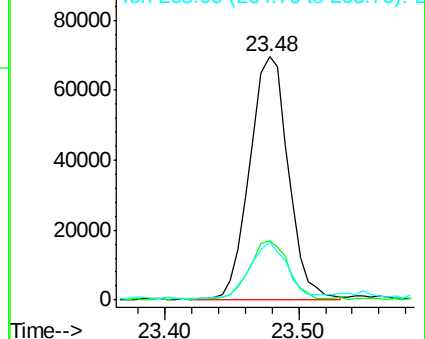
265 23.8 15.8 23.6#

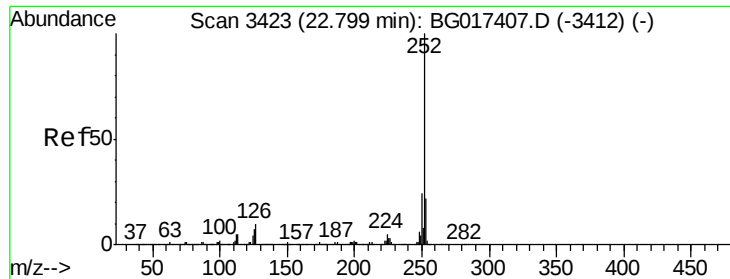


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

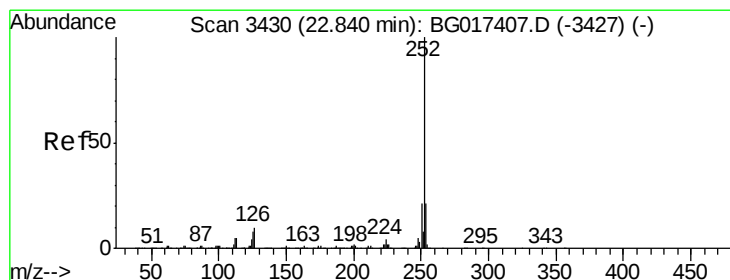
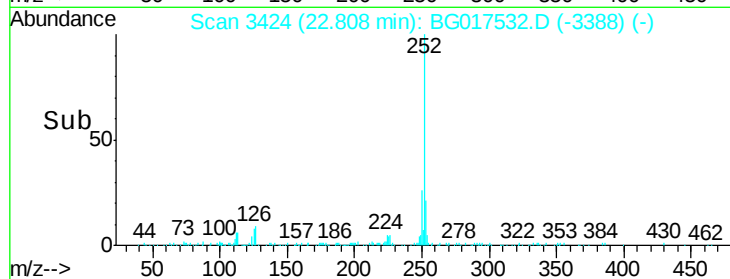
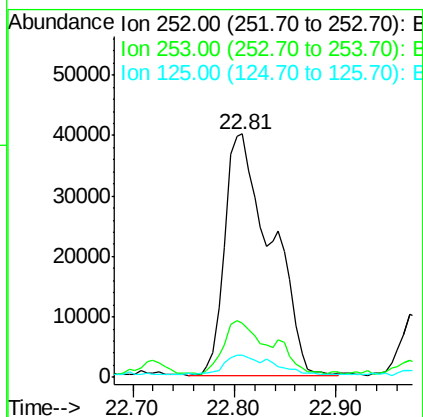
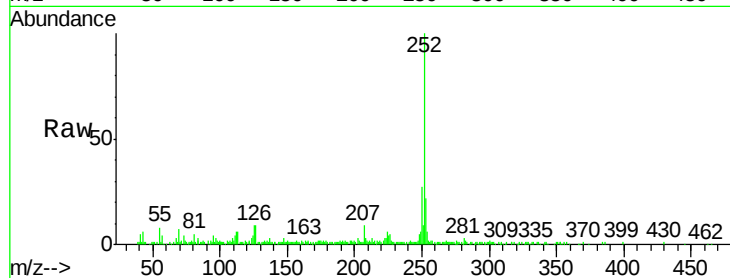




#87
Benzo(b)fluoranthene
Concen: 14.22 ng
RT: 22.81 min Scan# 3424
Delta R.T. 0.01 min
Lab File: BG017532.D
Acq: 7 Jun 2015 13:24

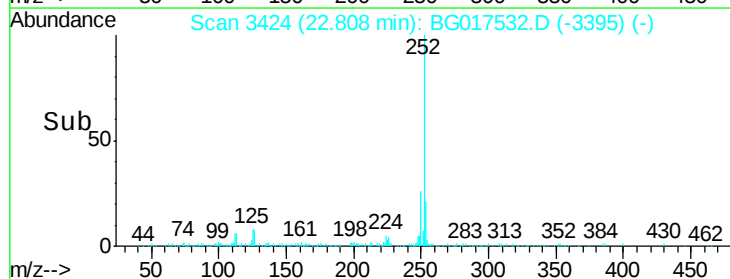
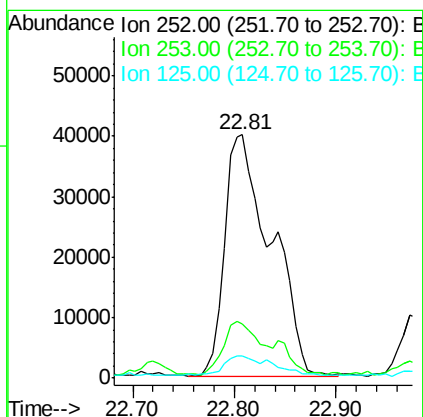
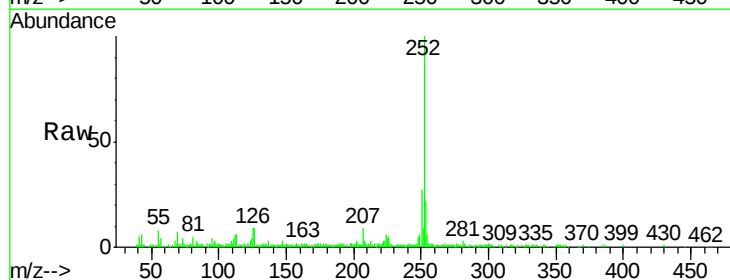
Instrument :
BNA_G
ClientSampleId :
SP-1

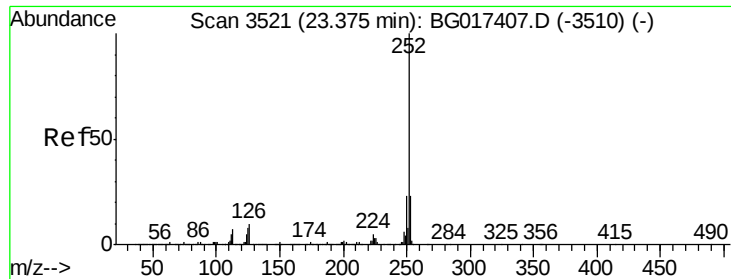
Tgt Ion:252 Resp: 126422
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.2
125 9.1 5.8 8.8#



#88
Benzo(k)fluoranthene
Concen: 14.85 ng
RT: 22.81 min Scan# 3424
Delta R.T. -0.03 min
Lab File: BG017532.D
Acq: 7 Jun 2015 13:24

Tgt Ion:252 Resp: 126422
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 9.1 6.5 9.7





#89

Benzo(a)pyrene

Concen: 9.01 ng

RT: 23.38 min Scan# 3521

Delta R.T. 0.00 min

Lab File: BG017532.D

Acq: 7 Jun 2015 13:24

Instrument :

BNA_G

ClientSampleId :

SP-1

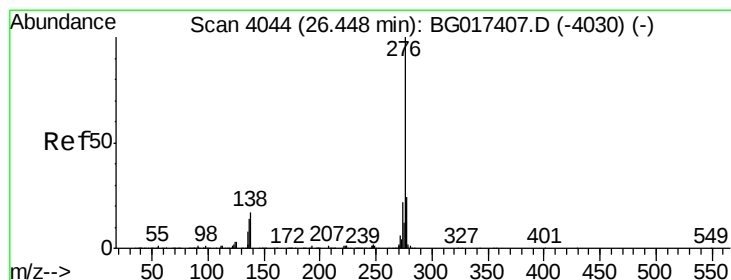
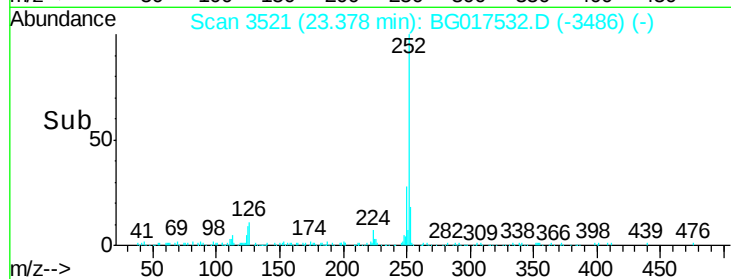
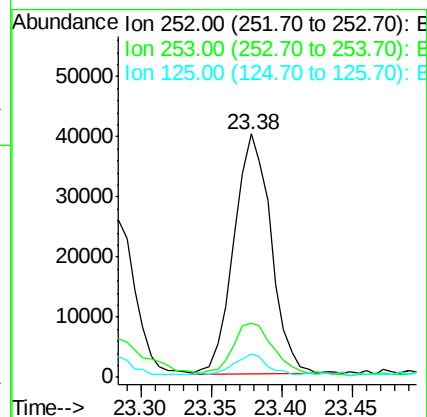
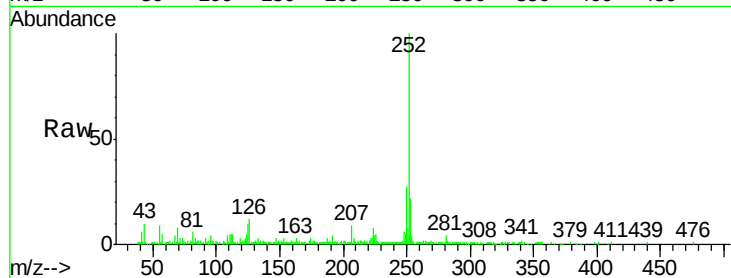
Tgt Ion:252 Resp: 73483

Ion Ratio Lower Upper

252 100

253 22.2 18.1 27.1

125 9.8 6.5 9.7#



#91

Benzo(g,h,i)perylene

Concen: 4.53 ng

RT: 26.46 min Scan# 4046

Delta R.T. 0.01 min

Lab File: BG017532.D

Acq: 7 Jun 2015 13:24

Tgt Ion:276 Resp: 36510

Ion Ratio Lower Upper

276 100

277 22.2 19.2 28.8

138 13.2 13.5 20.3#

