

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060615\
 Data File : BG017534.D
 Acq On : 7 Jun 2015 14:34
 Operator : TP/IZ
 Sample : G2457-05 10X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-3

Quant Time: Jun 08 05:28:13 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

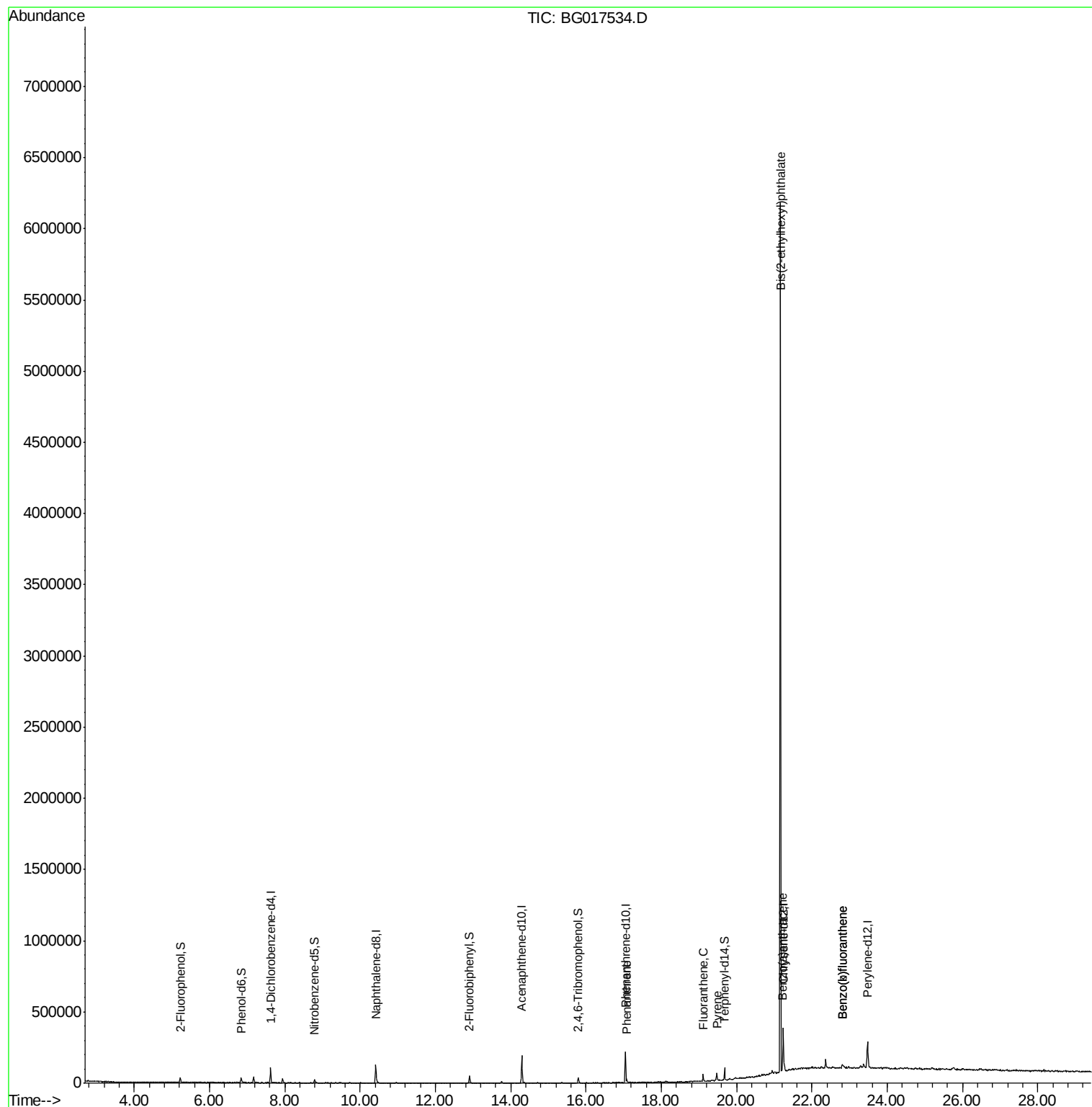
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	24394	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	94631	20.00	ng	0.00
38) Acenaphthene-d10	14.29	164	56702	20.00	ng	0.00
63) Phenanthrene-d10	17.05	188	116862	20.00	ng	0.00
75) Chrysene-d12	21.24	240	132387	20.00	ng	0.00
86) Perylene-d12	23.48	264	133571	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	14361	10.37	ng	0.00
7) Phenol-d6	6.84	99	16868	8.94	ng	0.00
23) Nitrobenzene-d5	8.79	82	12528	6.61	ng	0.00
41) 2,4,6-Tribromophenol	15.79	330	6250	7.94	ng	0.00
44) 2-Fluorobiphenyl	12.91	172	25905	6.89	ng	0.00
78) Terphenyl-d14	19.68	244	33212	5.19	ng	0.00
Target Compounds						Qvalue
70) Phenanthrene	17.09	178	15490	2.38	ng	95
74) Fluoranthene	19.11	202	28325	3.32	ng	92
77) Pyrene	19.47	202	29955	3.67	ng	95
80) Benzo(a)anthracene	21.23	228	16764	2.06	ng	# 87
83) Bis(2-ethylhexyl)phthalate	21.17	149	1599288	314.24	ng	# 81
87) Benzo(b)fluoranthene	22.81	252	24940	2.95	ng	# 93
88) Benzo(k)fluoranthene	22.81	252	24940	3.08	ng	# 93

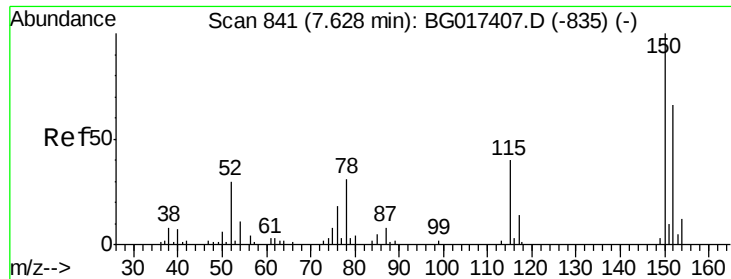
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 29 Sample Multiplier: 1

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ClientSampleId :
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Quant Time: Jun 08 05:28:13 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



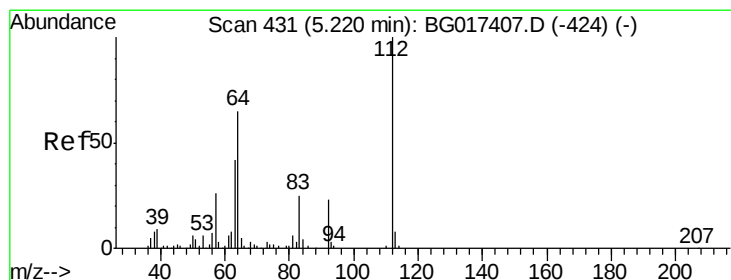
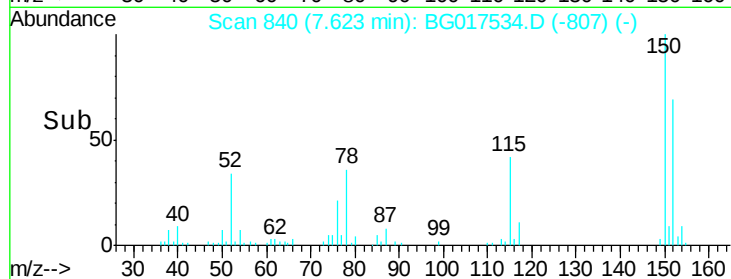
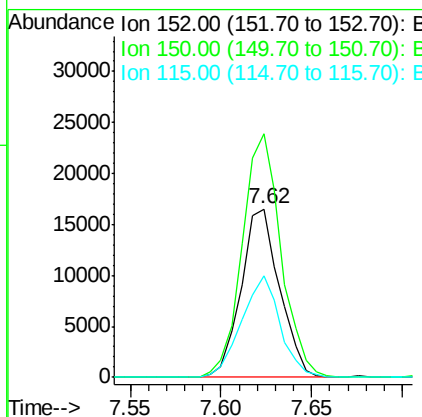
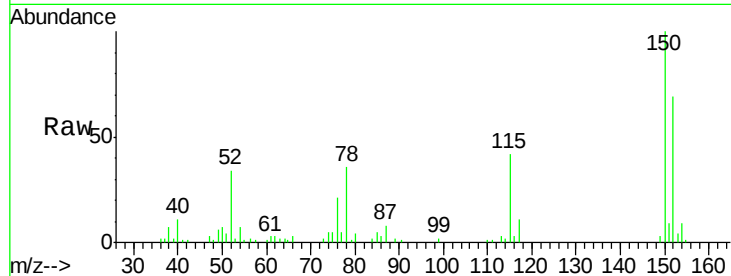


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.62 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG017534.D
Acq: 7 Jun 2015 14:34

Instrument :
BNA_G
ClientSampleId :
SP-3

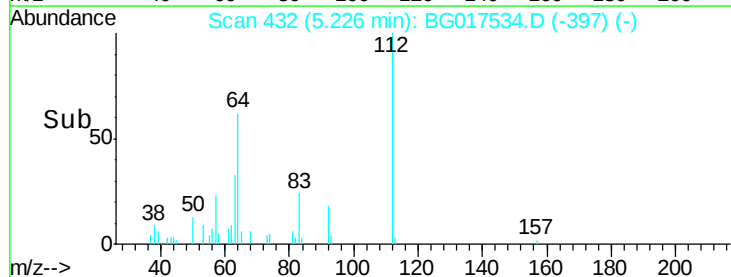
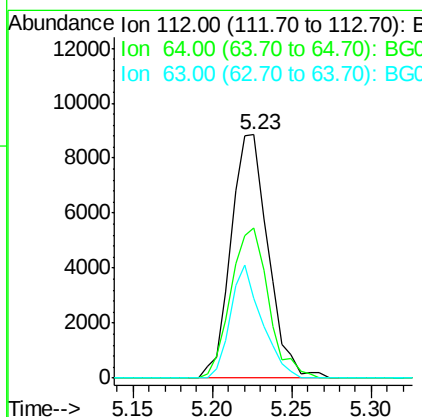
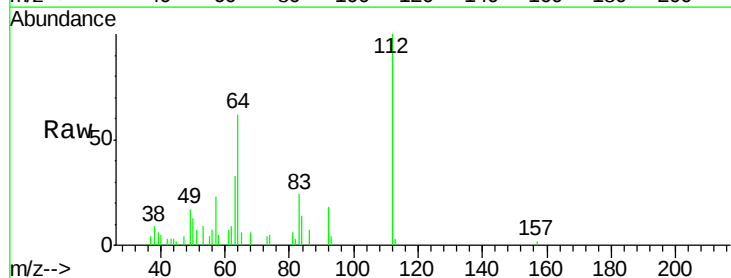
Tgt Ion:152 Resp: 24394
Ion Ratio Lower Upper
152 100
150 144.5 121.7 182.5
115 60.2 48.6 73.0



#5

2-Fluorophenol
Concen: 10.37 ng
RT: 5.23 min Scan# 432
Delta R.T. 0.01 min
Lab File: BG017534.D
Acq: 7 Jun 2015 14:34

Tgt Ion:112 Resp: 14361
Ion Ratio Lower Upper
112 100
64 61.5 51.6 77.4
63 32.6 33.3 49.9#





#7

Phenol-d6

Concen: 8.94 ng

RT: 6.84 min Scan# 707

Delta R.T. 0.01 min

Lab File: BG017534.D

Acq: 7 Jun 2015 14:34

Instrument :

BNA_G

ClientSampleId :

SP-3

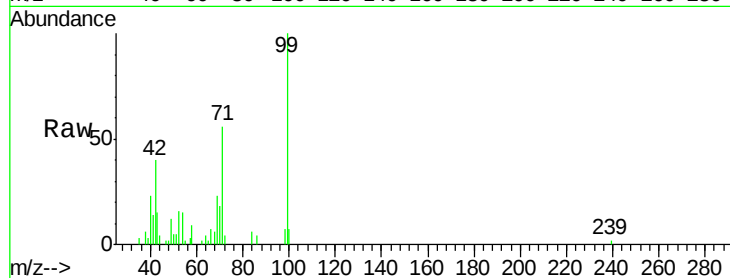
Tgt Ion: 99 Resp: 16868

Ion Ratio Lower Upper

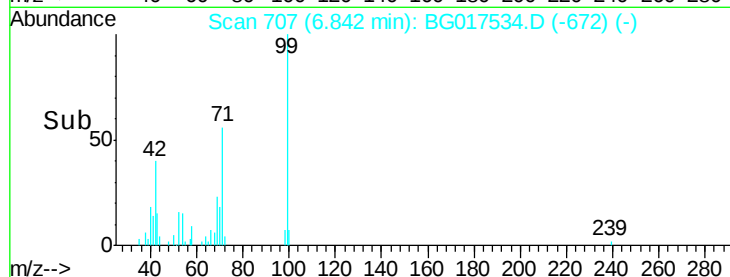
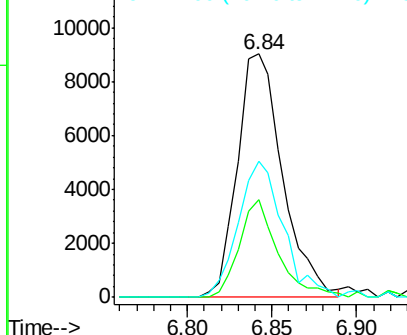
99 100

42 40.1 21.0 31.6#

71 55.8 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: 10.42 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BG017534.D

Acq: 7 Jun 2015 14:34

Tgt Ion: 136 Resp: 94631

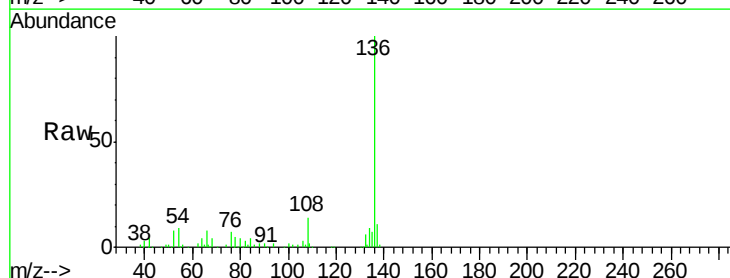
Ion Ratio Lower Upper

136 100

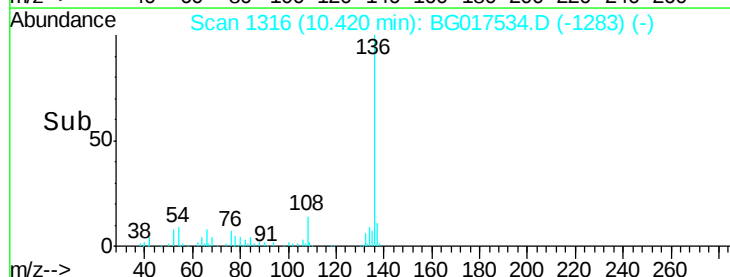
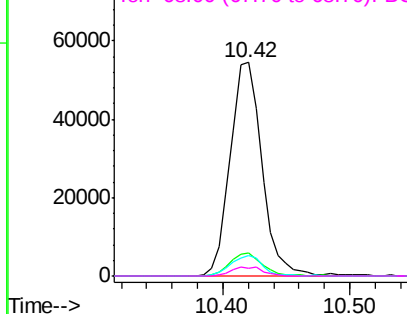
137 10.7 7.9 11.9

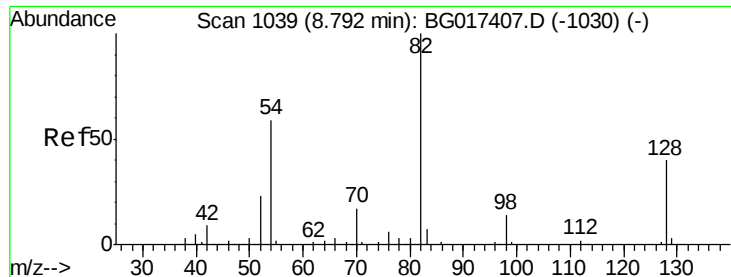
54 9.3 7.2 10.8

68 3.7 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

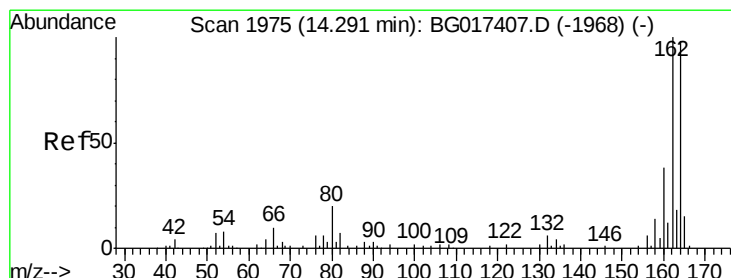
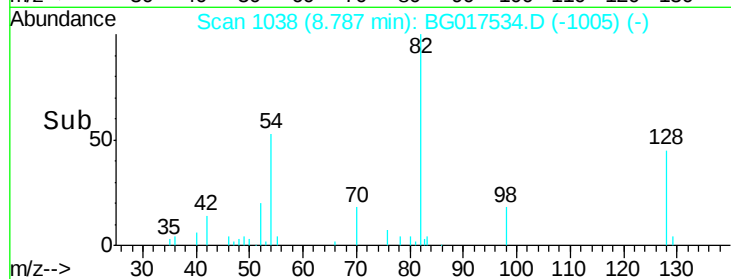
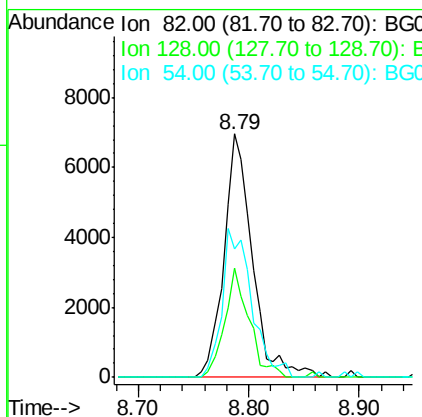
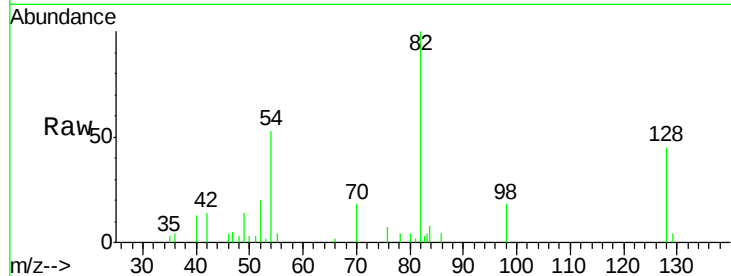




#23
 Nitrobenzene-d5
 Concen: 6.61 ng
 RT: 8.79 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BG017534.D
 Acq: 7 Jun 2015 14:34

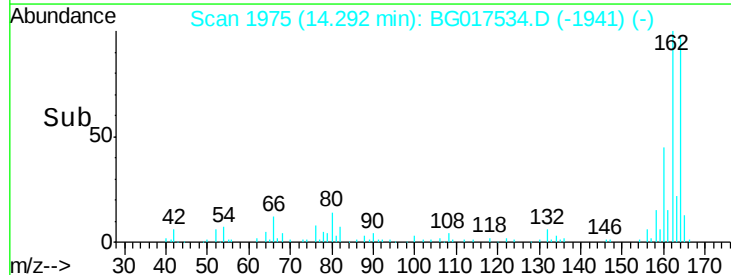
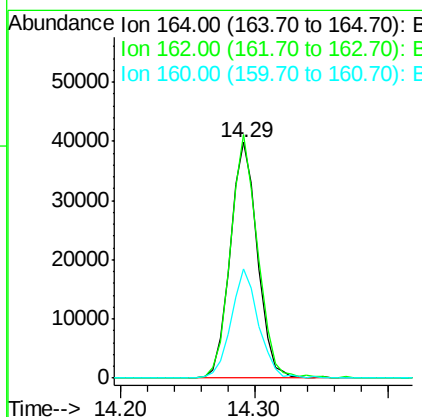
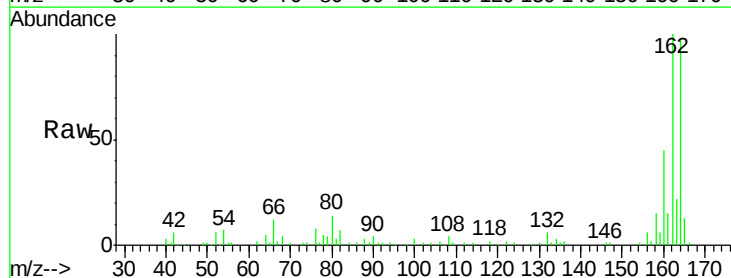
Instrument :
 BNA_G
 ClientSampleId :
 SP-3

Tgt Ion: 82 Resp: 12528
 Ion Ratio Lower Upper
 82 100
 128 44.8 32.2 48.4
 54 52.7 47.4 71.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.29 min Scan# 1975
 Delta R.T. 0.00 min
 Lab File: BG017534.D
 Acq: 7 Jun 2015 14:34

Tgt Ion: 164 Resp: 56702
 Ion Ratio Lower Upper
 164 100
 162 103.4 81.8 122.6
 160 46.6 31.0 46.4#

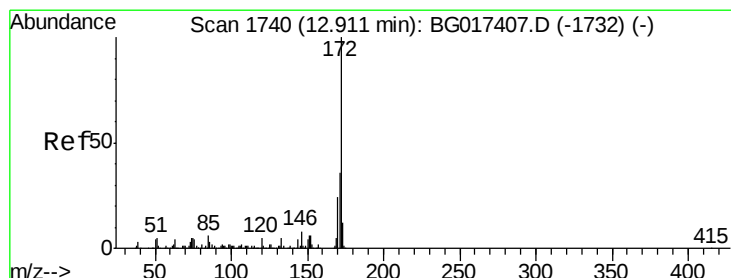
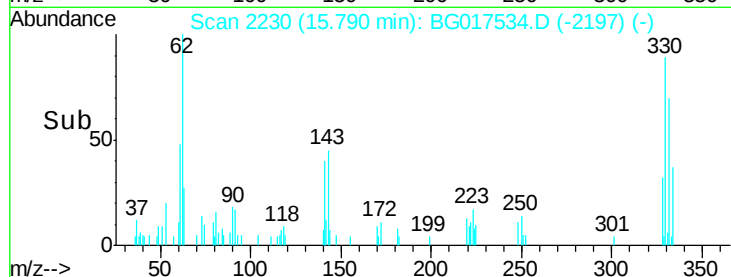
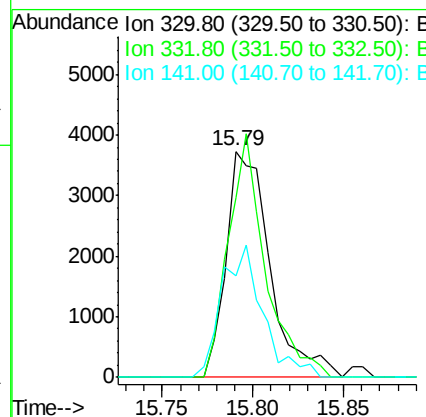
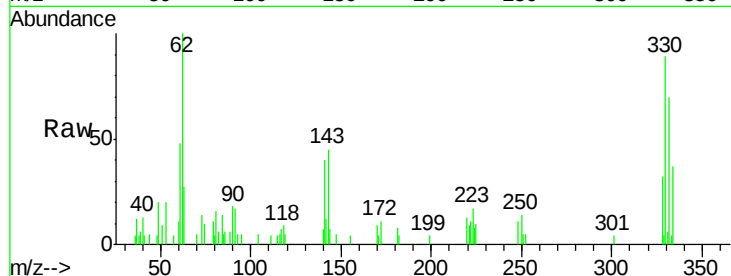




#41
 2,4,6-Tribromophenol
 Concen: 7.94 ng
 RT: 15.79 min Scan# 2230
 Delta R.T. -0.01 min
 Lab File: BG017534.D
 Acq: 7 Jun 2015 14:34

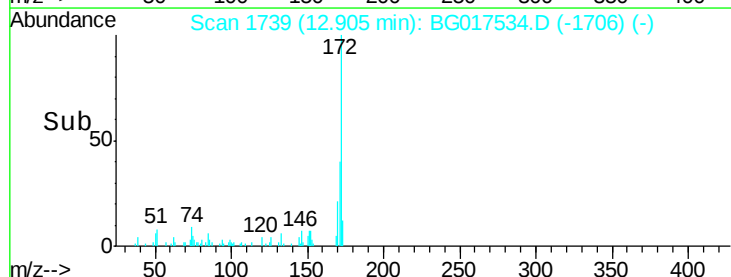
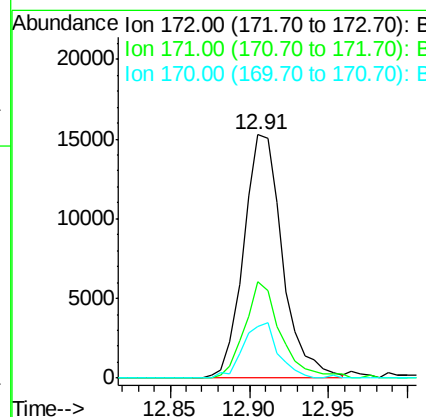
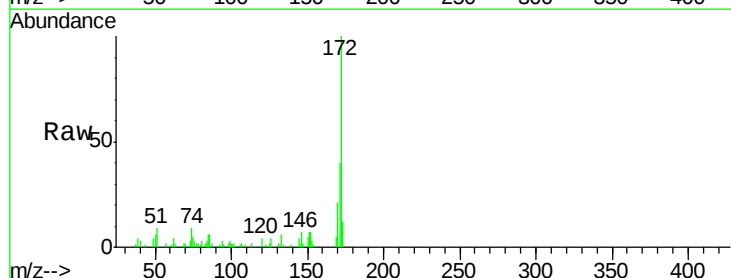
Instrument :
 BNA_G
 ClientSampled :
 SP-3

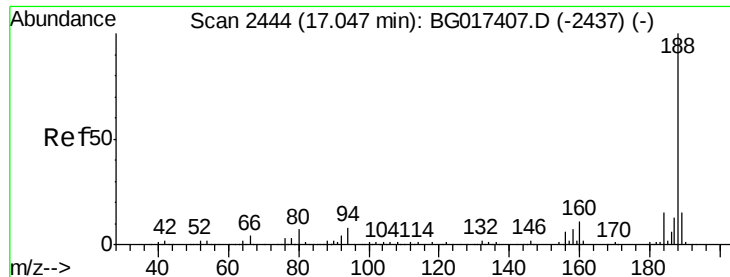
Tgt Ion: 330 Resp: 6250
 Ion Ratio Lower Upper
 330 100
 332 91.5 75.9 113.9
 141 55.0 40.2 60.4



#44
 2-Fluorobiphenyl
 Concen: 6.89 ng
 RT: 12.91 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: BG017534.D
 Acq: 7 Jun 2015 14:34

Tgt Ion: 172 Resp: 25905
 Ion Ratio Lower Upper
 172 100
 171 39.8 29.0 43.6
 170 21.1 18.9 28.3

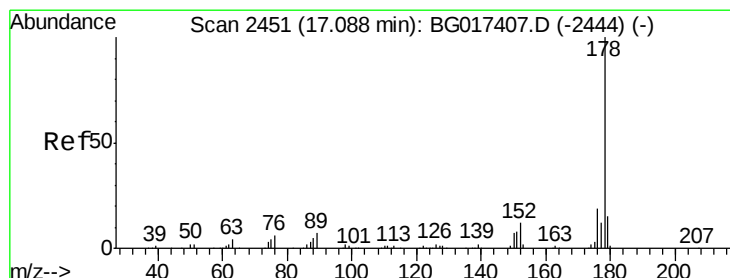
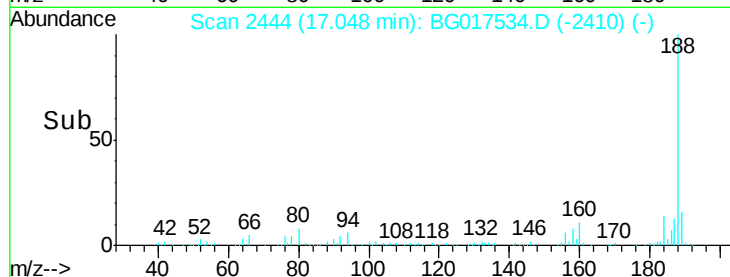
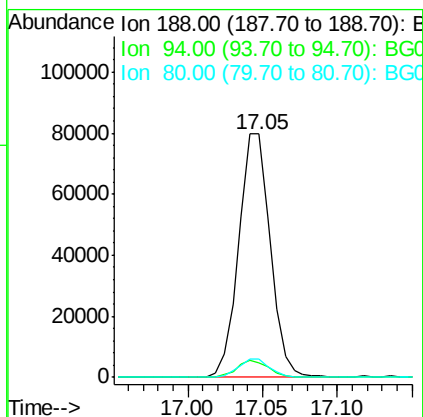
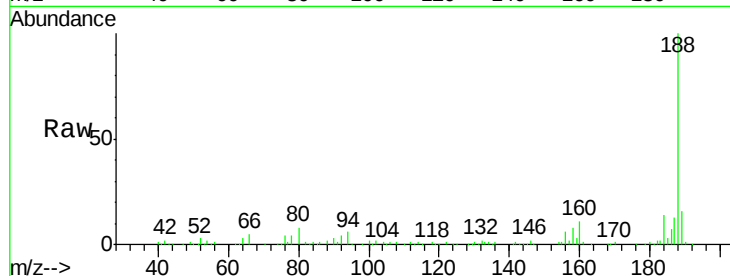




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.05 min Scan# 2444
 Delta R.T. 0.00 min
 Lab File: BG017534.D
 Acq: 7 Jun 2015 14:34

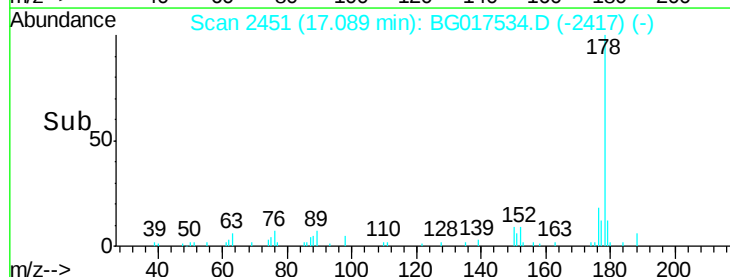
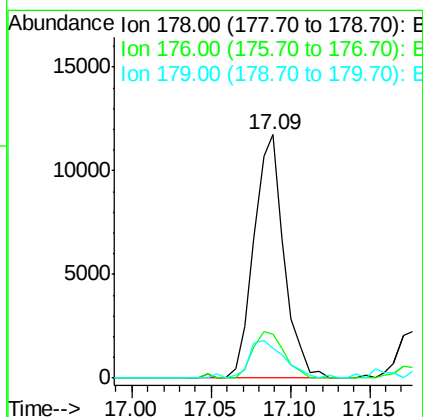
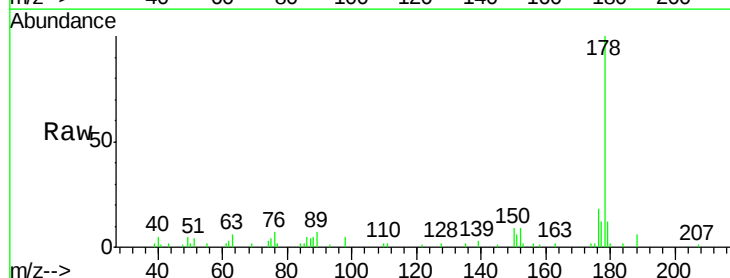
Instrument :
 BNA_G
 ClientSampleId :
 SP-3

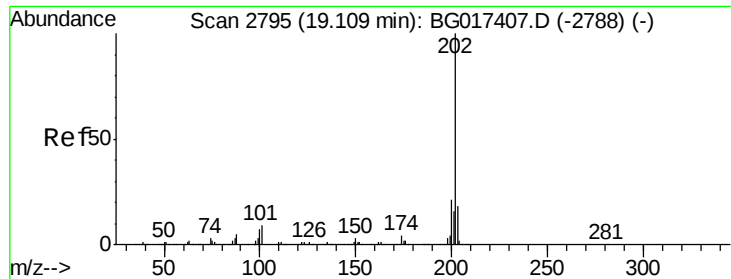
Tgt Ion:188 Resp: 116862
 Ion Ratio Lower Upper
 188 100
 94 6.0 6.3 9.5#
 80 7.7 5.2 7.8



#70
 Phenanthrene
 Concen: 2.38 ng
 RT: 17.09 min Scan# 2451
 Delta R.T. 0.00 min
 Lab File: BG017534.D
 Acq: 7 Jun 2015 14:34

Tgt Ion:178 Resp: 15490
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.6 23.4
 179 12.2 12.2 18.2





#74

Fluoranthene

Concen: 3.32 ng

RT: 19.11 min Scan# 2795

Delta R.T. 0.00 min

Lab File: BG017534.D

Acq: 7 Jun 2015 14:34

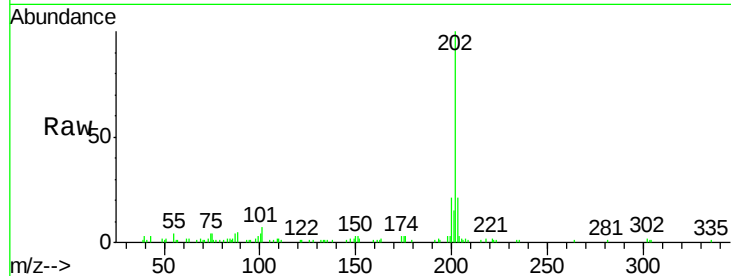
Instrument :

BNA_G

ClientSampleId :

SP-3

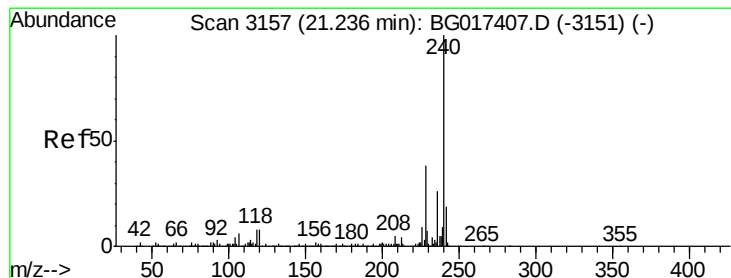
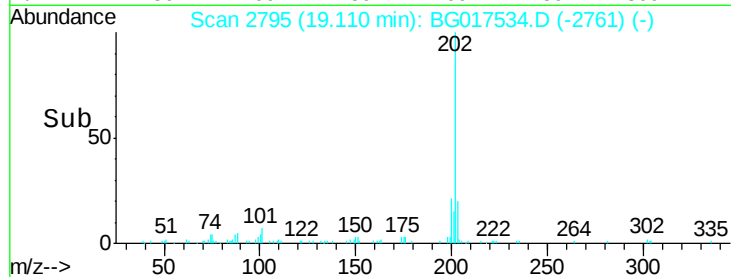
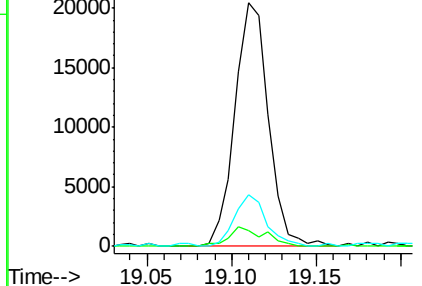
Tgt Ion:	202	Resp:	28325
Ion Ratio	Lower	Upper	
202	100		
101	6.6	0.0	28.8
203	21.4	0.0	37.6



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

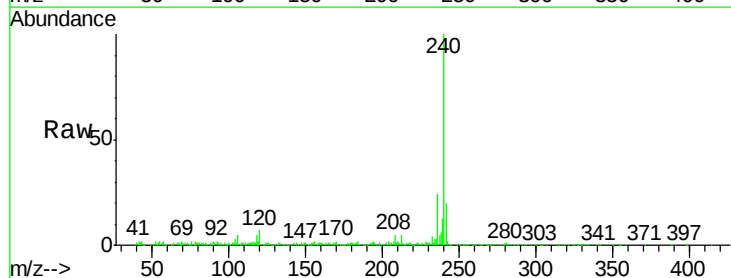
RT: 21.24 min Scan# 3158

Delta R.T. 0.01 min

Lab File: BG017534.D

Acq: 7 Jun 2015 14:34

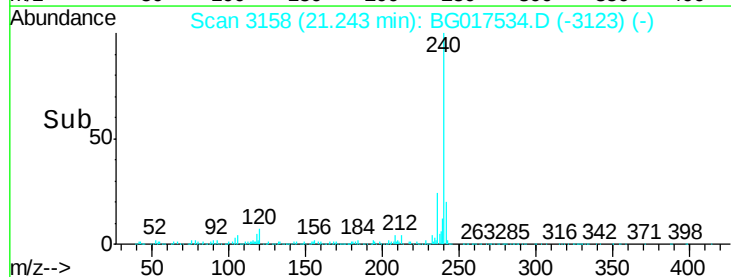
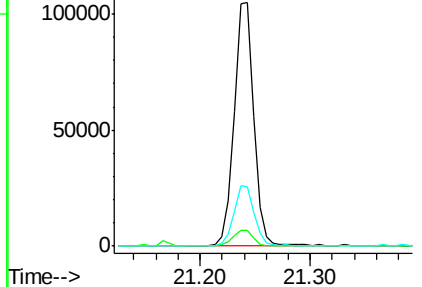
Tgt Ion:	240	Resp:	132387
Ion Ratio	Lower	Upper	
240	100		
120	6.7	6.5	9.7
236	24.3	20.8	31.2

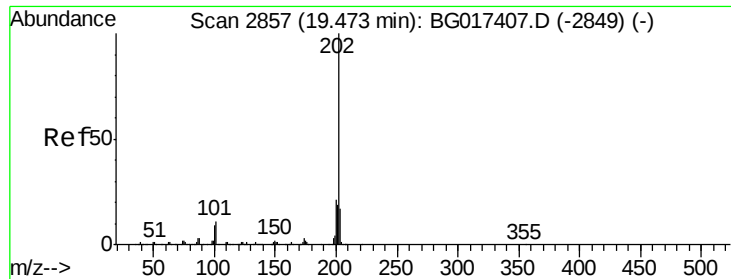


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 3.67 ng

RT: 19.47 min Scan# 2857

Delta R.T. 0.00 min

Lab File: BG017534.D

Acq: 7 Jun 2015 14:34

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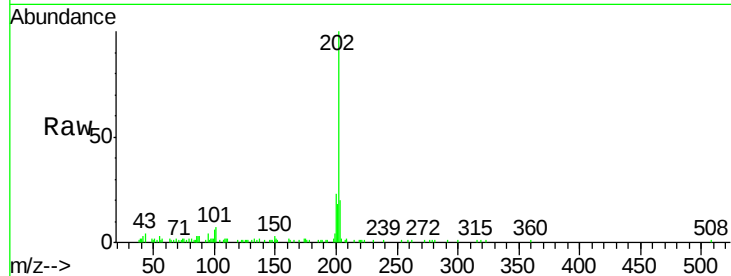
Tgt Ion:202 Resp: 29955

Ion Ratio Lower Upper

202 100

200 22.9 17.0 25.4

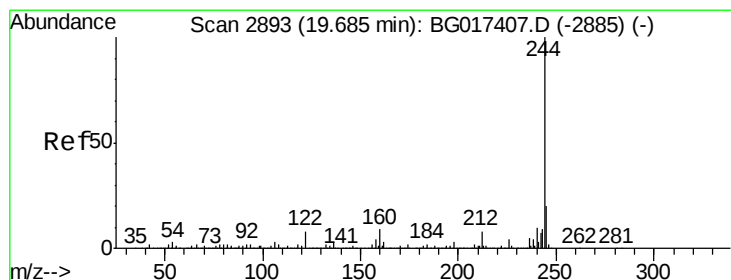
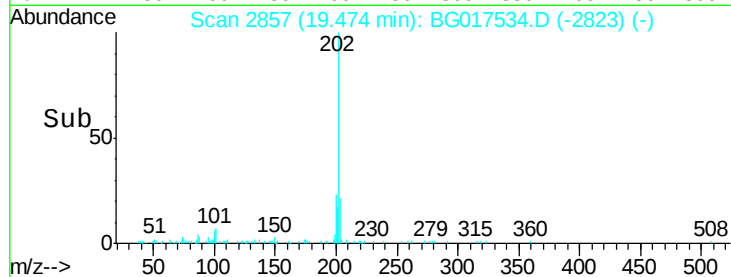
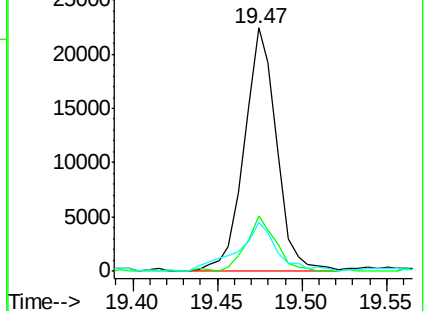
203 20.2 13.9 20.9



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: 5.19 ng

RT: 19.68 min Scan# 2892

Delta R.T. -0.01 min

Lab File: BG017534.D

Acq: 7 Jun 2015 14:34

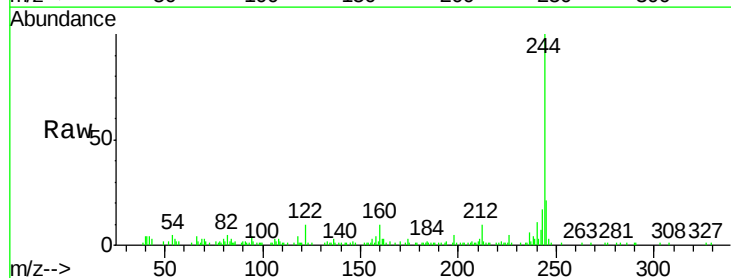
Tgt Ion:244 Resp: 33212

Ion Ratio Lower Upper

244 100

212 10.1 6.4 9.6#

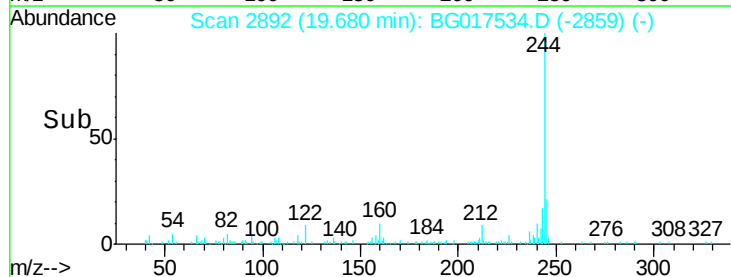
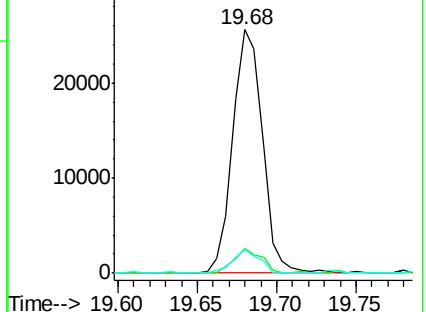
122 9.7 6.6 10.0

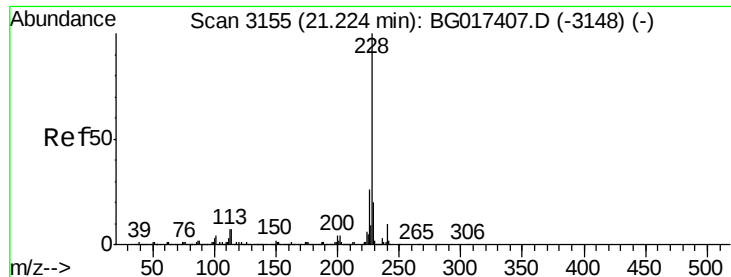


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 2.06 ng

RT: 21.23 min Scan# 3155

Delta R.T. 0.00 min

Lab File: BG017534.D

Acq: 7 Jun 2015 14:34

Instrument :

BNA_G

ClientSampled :

SP-3

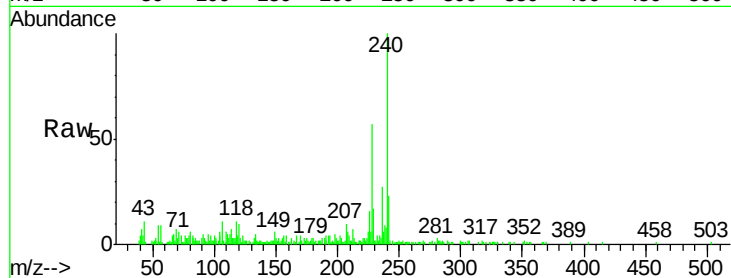
Tgt Ion:228 Resp: 16764

Ion Ratio Lower Upper

228 100

226 28.4 21.0 31.6

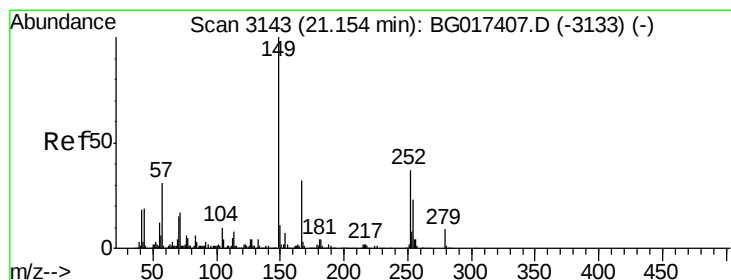
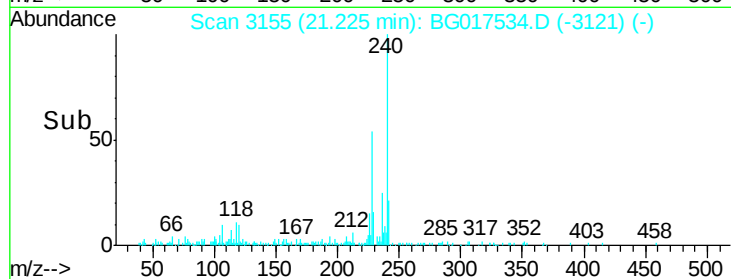
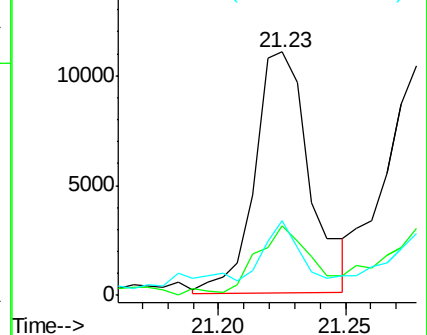
229 30.8 15.7 23.5#



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 314.24 ng

RT: 21.17 min Scan# 3145

Delta R.T. 0.01 min

Lab File: BG017534.D

Acq: 7 Jun 2015 14:34

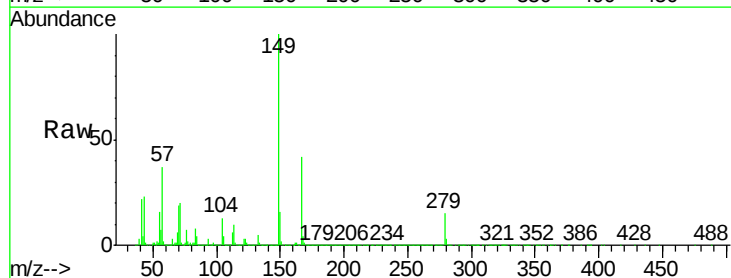
Tgt Ion:149 Resp: 1599288

Ion Ratio Lower Upper

149 100

167 42.5 25.4 38.2#

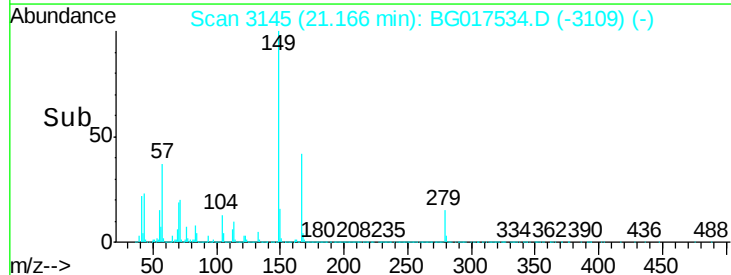
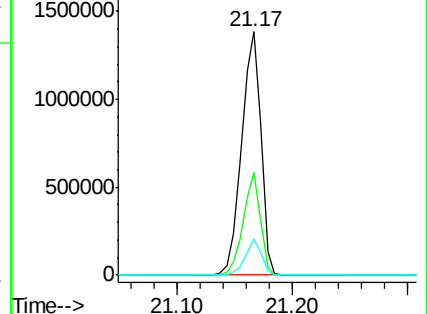
279 14.8 7.1 10.7#

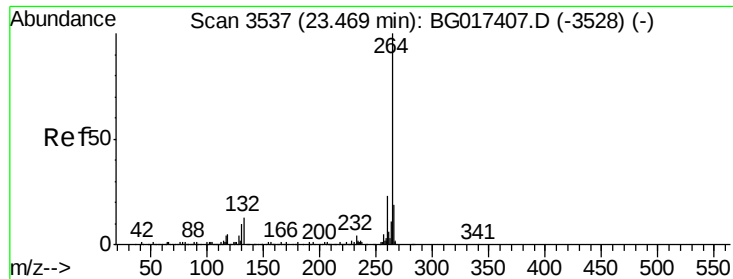


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

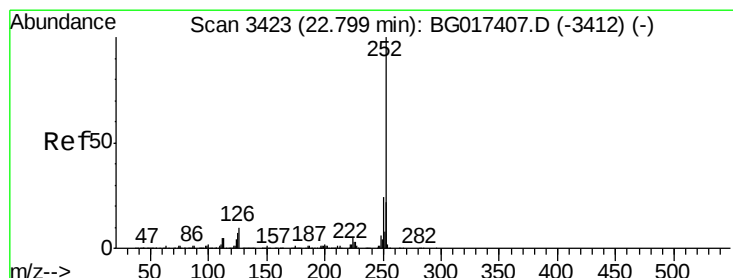
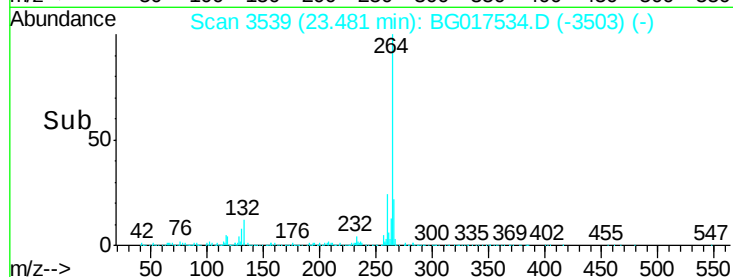
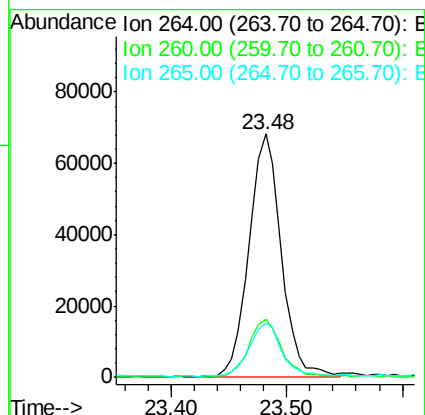
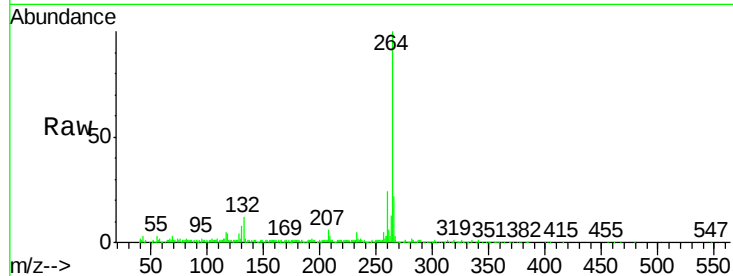




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.48 min Scan# 3539
Delta R.T. 0.01 min
Lab File: BG017534.D
Acq: 7 Jun 2015 14:34

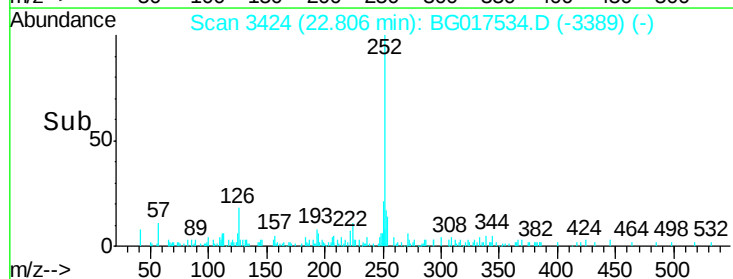
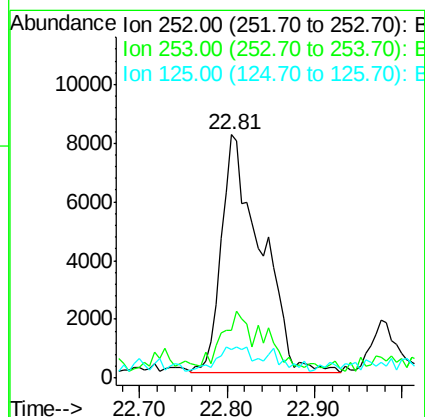
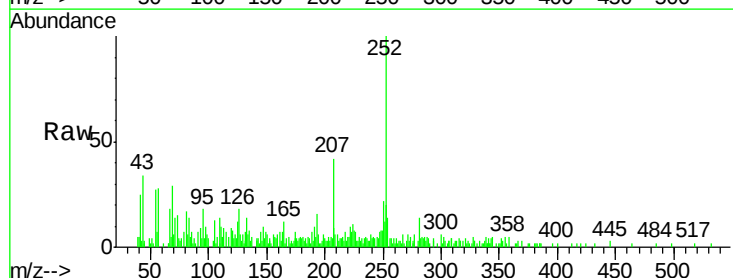
Instrument :
BNA_G
ClientSampleId :
SP-3

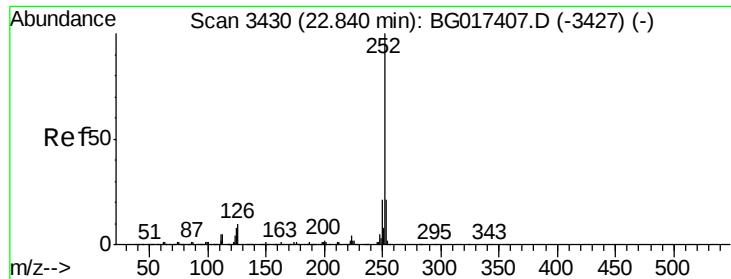
Tgt Ion:264 Resp: 133571
Ion Ratio Lower Upper
264 100
260 24.0 18.2 27.4
265 22.4 15.8 23.6



#87
Benzo(b)fluoranthene
Concen: 2.95 ng
RT: 22.81 min Scan# 3424
Delta R.T. 0.01 min
Lab File: BG017534.D
Acq: 7 Jun 2015 14:34

Tgt Ion:252 Resp: 24940
Ion Ratio Lower Upper
252 100
253 19.5 17.4 26.2
125 12.0 5.8 8.8#





#88

Benzo(k)fluoranthene

Concen: 3.08 ng

RT: 22.81 min Scan# 3424

Delta R.T. -0.03 min

Lab File: BG017534.D

Acq: 7 Jun 2015 14:34

Instrument :

BNA_G

ClientSampleId :

SP-3

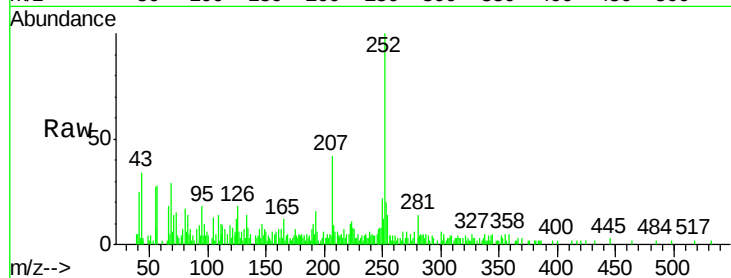
Tgt Ion:252 Resp: 24940

Ion Ratio Lower Upper

252 100

253 19.5 17.7 26.5

125 12.0 6.5 9.7#



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

