

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060815\
 Data File : BG017557.D
 Acq On : 9 Jun 2015 3:43
 Operator : TP/IZ
 Sample : G2450-38
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AVE-E-RA15.2(4)

Quant Time: Jun 09 04:56:56 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

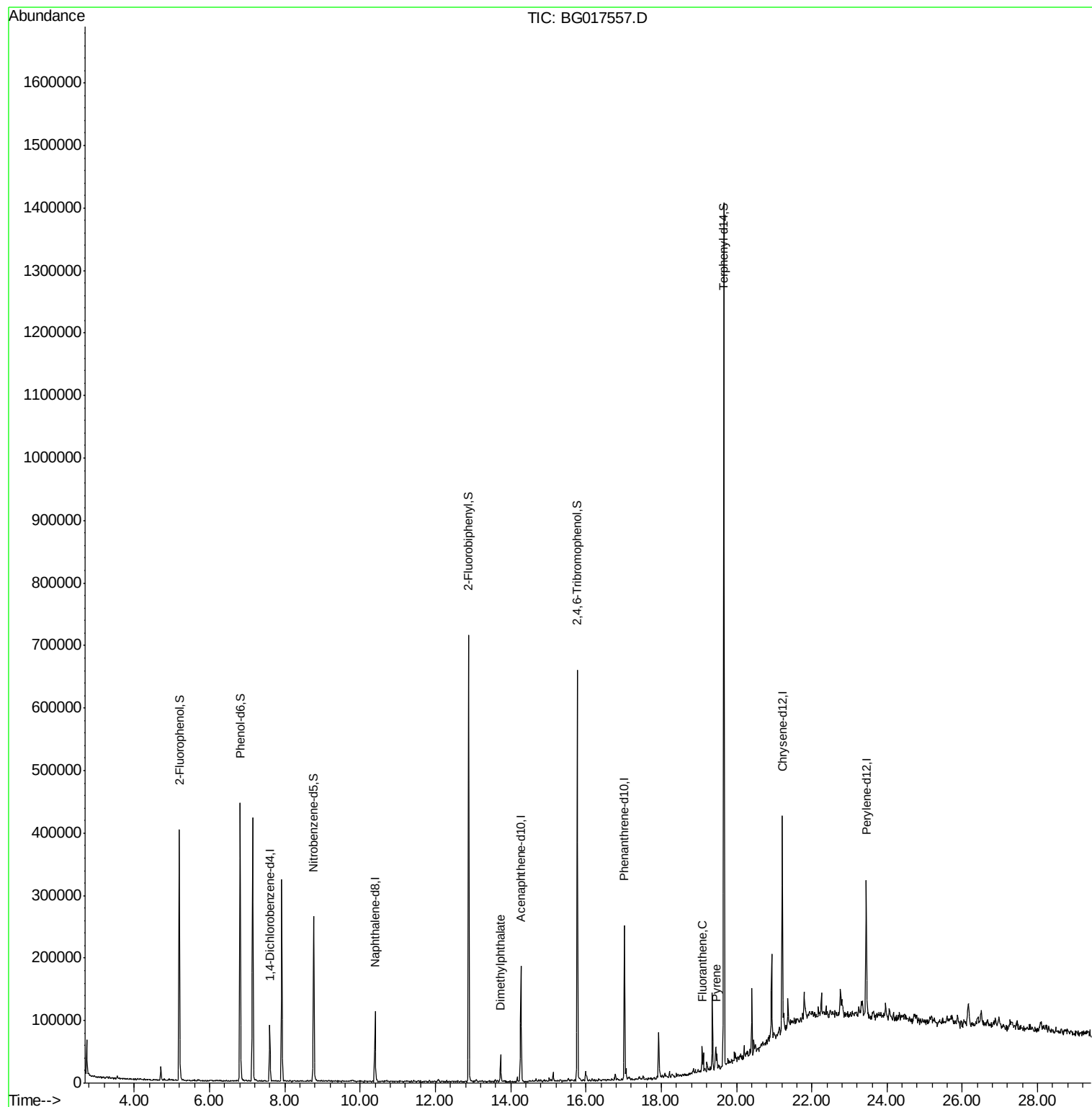
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	20208	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	81962	20.00	ng	0.00
38) Acenaphthene-d10	14.27	164	56826	20.00	ng	-0.02
63) Phenanthrene-d10	17.02	188	126328	20.00	ng	-0.02
75) Chrysene-d12	21.22	240	143588	20.00	ng	-0.02
86) Perylene-d12	23.45	264	144671	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	130042	113.37	ng	0.00
7) Phenol-d6	6.82	99	173447	111.00	ng	0.00
23) Nitrobenzene-d5	8.77	82	127916	77.91	ng	0.00
41) 2,4,6-Tribromophenol	15.78	330	94267	119.43	ng	0.00
44) 2-Fluorobiphenyl	12.88	172	308139	81.80	ng	-0.02
78) Terphenyl-d14	19.66	244	544816	78.42	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	13.73	163	22887	4.63	ng	100
74) Fluoranthene	19.09	202	18825	2.04	ng	98
77) Pyrene	19.45	202	18449	2.09	ng	98

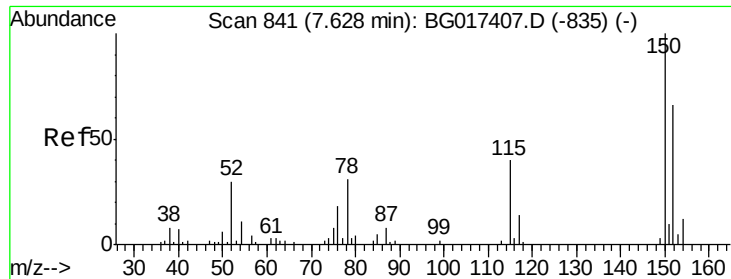
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
BNA_G
ClientSampleId :
AVE-E-RA15.2(4)

Quant Time: Jun 09 04:56:56 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: BG017557.D

Acq: 9 Jun 2015 3:43

Instrument :

BNA_G

ClientSampleId :

AVE-E-RA15.2(4)

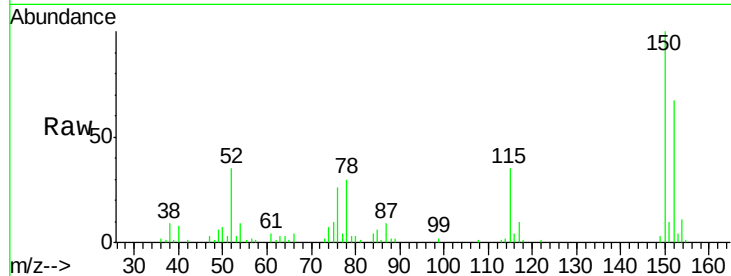
Tgt Ion:152 Resp: 20208

Ion Ratio Lower Upper

152 100

150 149.7 121.7 182.5

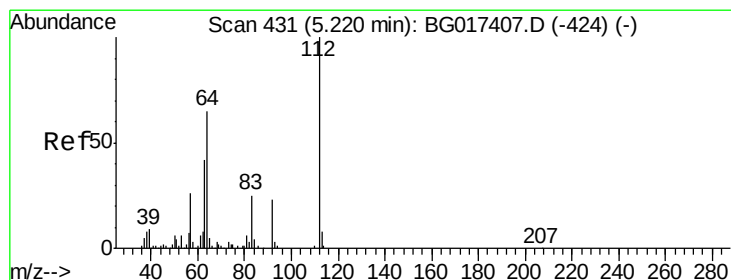
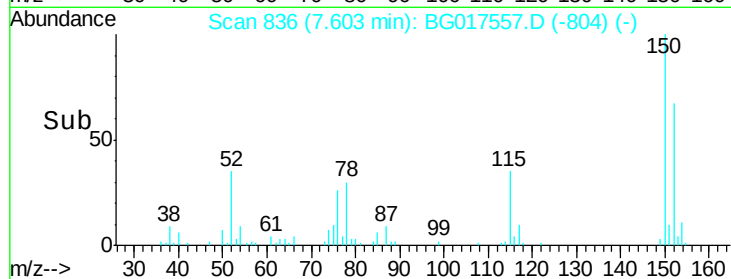
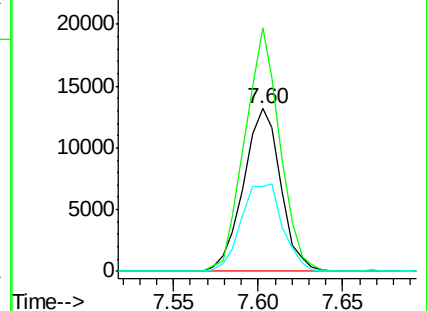
115 52.2 48.6 73.0



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: 113.37 ng

RT: 5.20 min Scan# 427

Delta R.T. -0.00 min

Lab File: BG017557.D

Acq: 9 Jun 2015 3:43

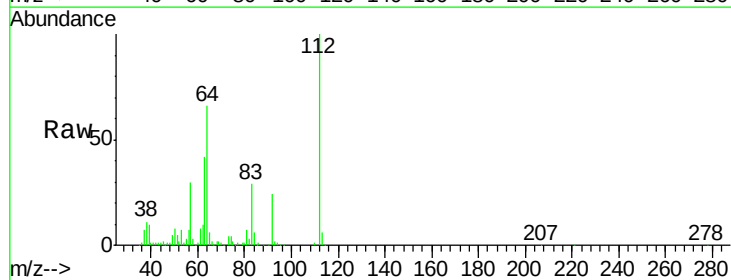
Tgt Ion:112 Resp: 130042

Ion Ratio Lower Upper

112 100

64 66.3 51.6 77.4

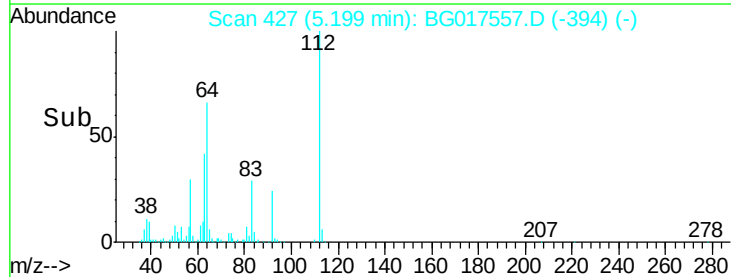
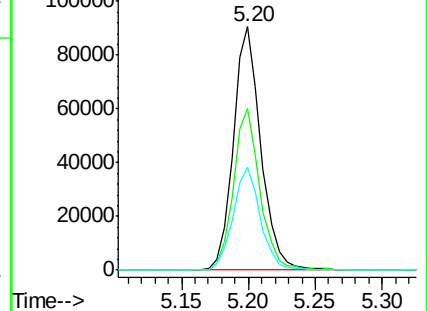
63 42.2 33.3 49.9

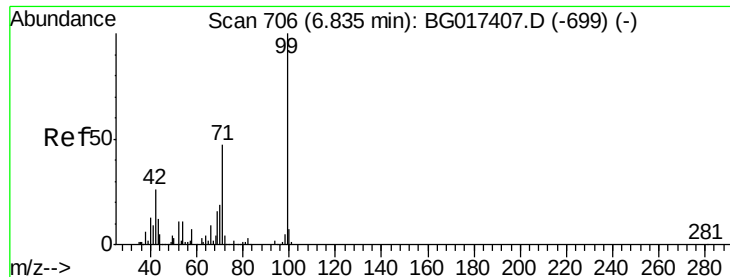


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 111.00 ng

RT: 6.82 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG017557.D

Acq: 9 Jun 2015 3:43

Instrument :

BNA_G

ClientSampleId :

AVE-E-RA15.2(4)

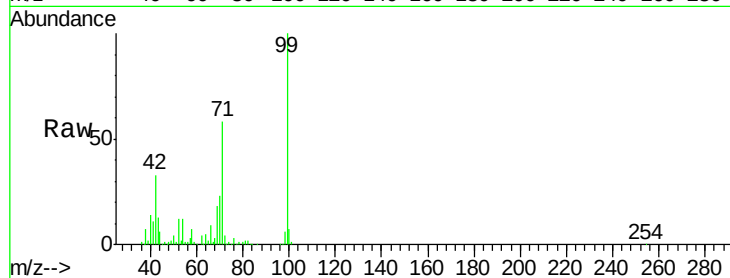
Tgt Ion: 99 Resp: 173447

Ion Ratio Lower Upper

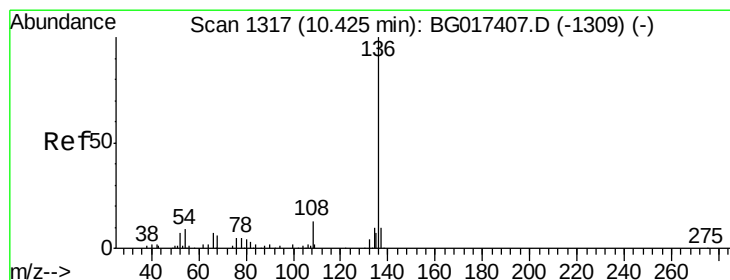
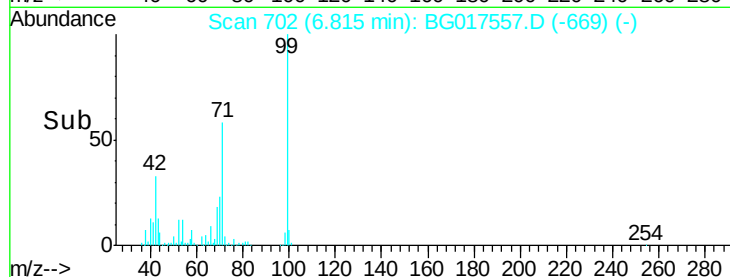
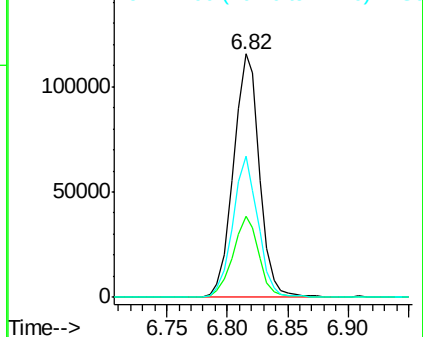
99 100

42 33.4 21.0 31.6#

71 58.2 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: 10.39 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BG017557.D

Acq: 9 Jun 2015 3:43

Tgt Ion: 136 Resp: 81962

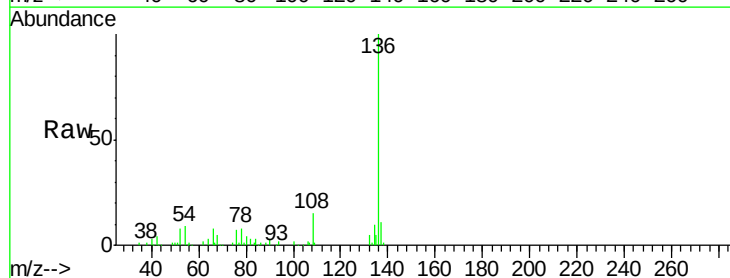
Ion Ratio Lower Upper

136 100

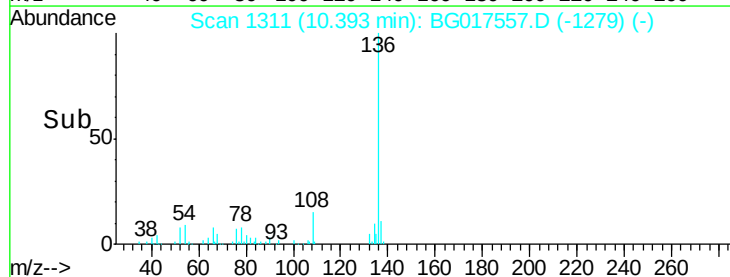
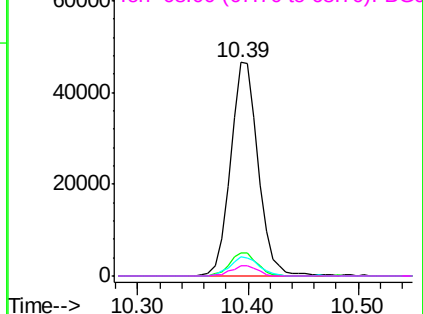
137 11.1 7.9 11.9

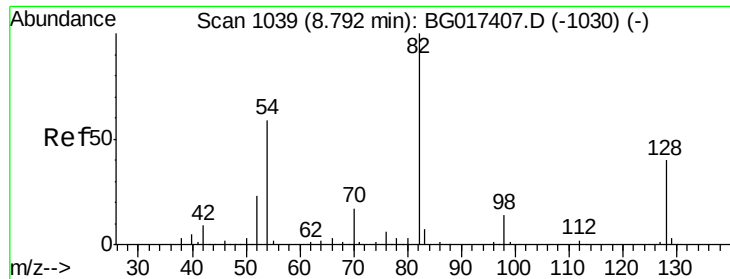
54 8.9 7.2 10.8

68 5.2 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

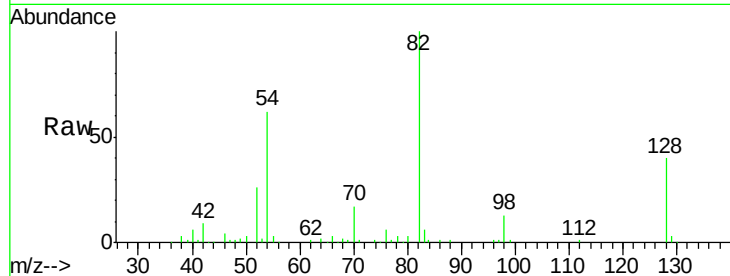




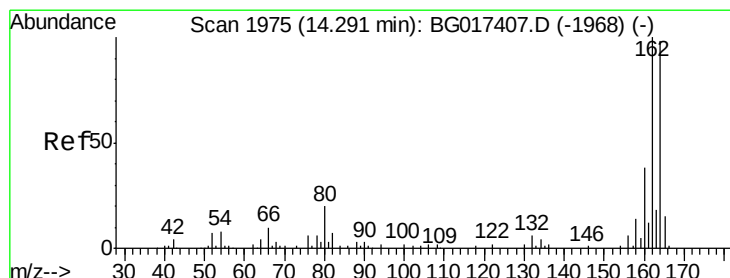
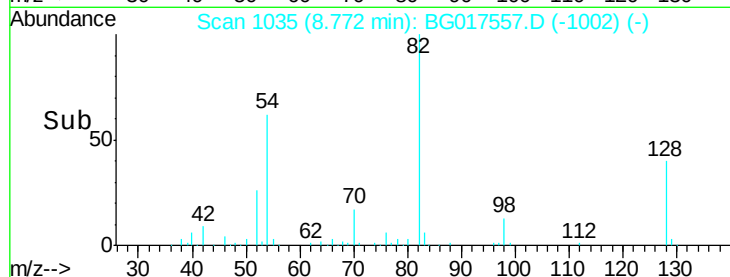
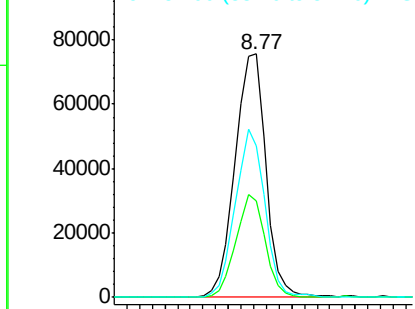
#23
 Nitrobenzene-d5
 Concen: 77.91 ng
 RT: 8.77 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BG017557.D
 Acq: 9 Jun 2015 3:43

Instrument :
 BNA_G
 ClientSampleId :
 AVE-E-RA15.2(4)

Tgt Ion: 82 Resp: 127916
 Ion Ratio Lower Upper
 82 100
 128 39.6 32.2 48.4
 54 62.4 47.4 71.2

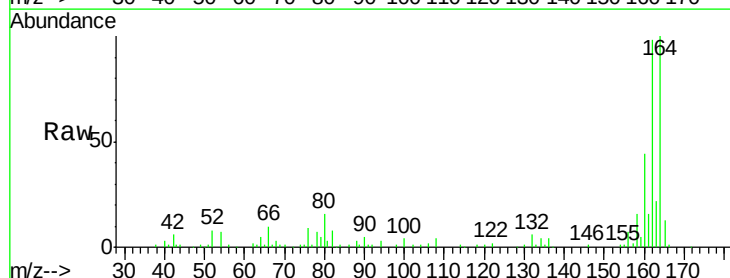


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

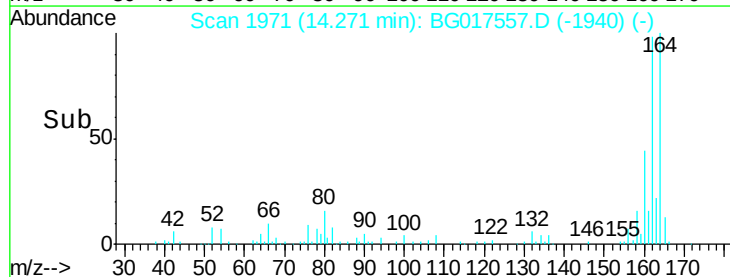
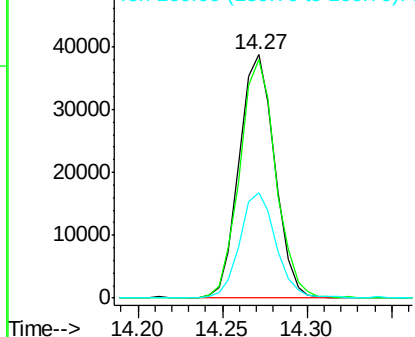


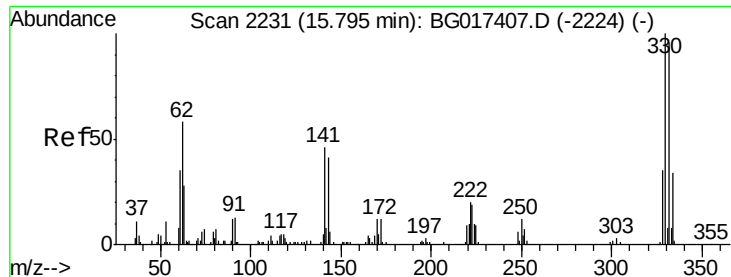
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.27 min Scan# 1971
 Delta R.T. -0.02 min
 Lab File: BG017557.D
 Acq: 9 Jun 2015 3:43

Tgt Ion: 164 Resp: 56826
 Ion Ratio Lower Upper
 164 100
 162 97.8 81.8 122.6
 160 43.5 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

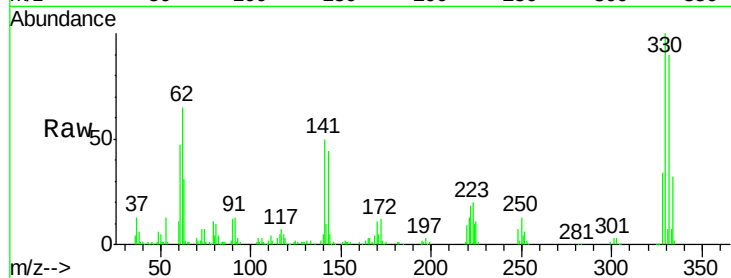




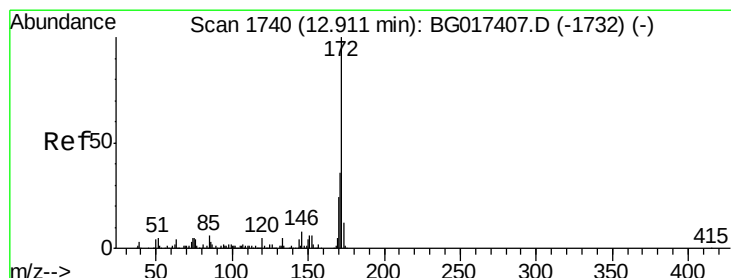
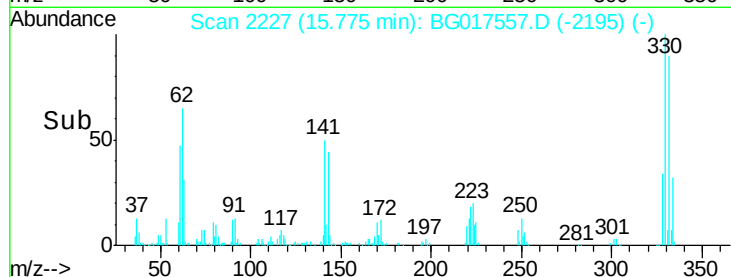
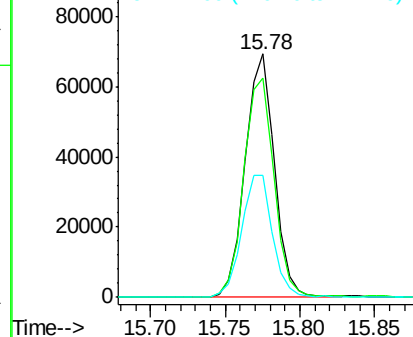
#41
 2,4,6-Tribromophenol
 Concen: 119.43 ng
 RT: 15.78 min Scan# 2227
 Delta R.T. -0.01 min
 Lab File: BG017557.D
 Acq: 9 Jun 2015 3:43

Instrument :
 BNA_G
 ClientSampleId :
 AVE-E-RA15.2(4)

Tgt Ion: 330 Resp: 94267
 Ion Ratio Lower Upper
 330 100
 332 93.4 75.9 113.9
 141 52.9 40.2 60.4

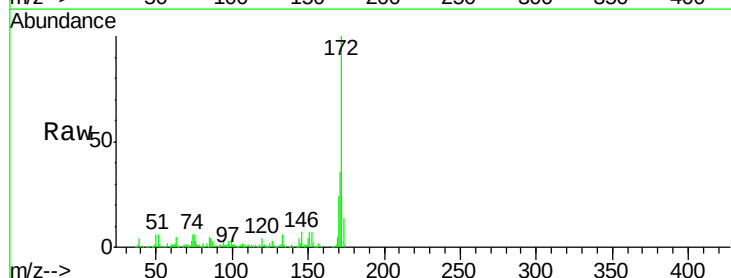


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

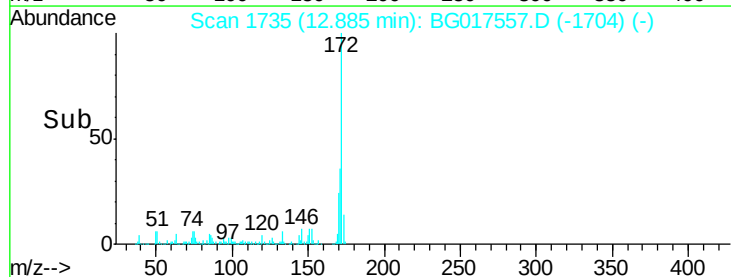
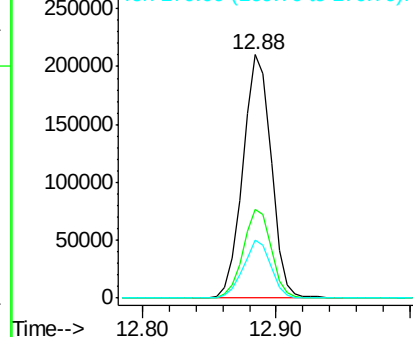


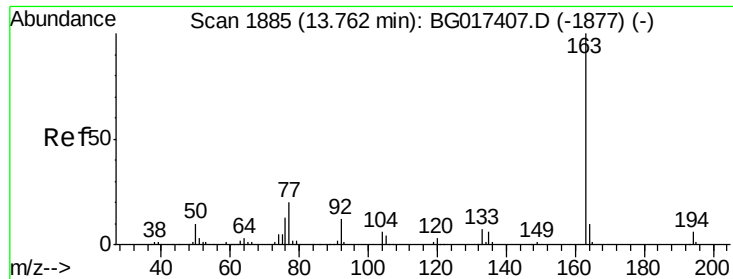
#44
 2-Fluorobiphenyl
 Concen: 81.80 ng
 RT: 12.88 min Scan# 1735
 Delta R.T. -0.02 min
 Lab File: BG017557.D
 Acq: 9 Jun 2015 3:43

Tgt Ion: 172 Resp: 308139
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.0 43.6
 170 23.6 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: 4.63 ng

RT: 13.73 min Scan# 1879

Delta R.T. -0.02 min

Lab File: BG017557.D

Acq: 9 Jun 2015 3:43

Instrument :

BNA_G

ClientSampleId :

AVE-E-RA15.2(4)

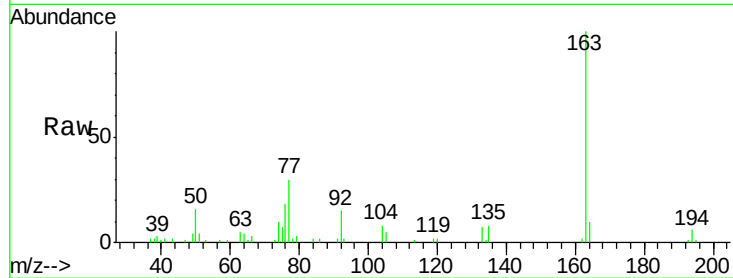
Tgt Ion:163 Resp: 22887

Ion Ratio Lower Upper

163 100

194 6.3 4.9 7.3

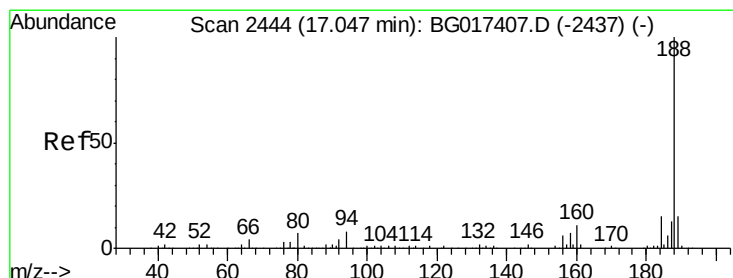
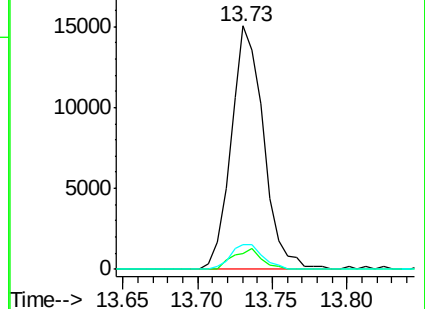
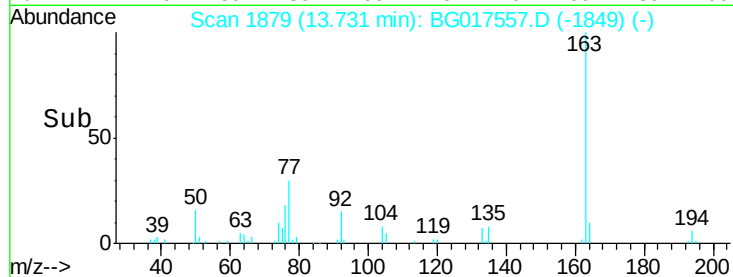
164 10.2 8.2 12.2



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: BG017557.D

Acq: 9 Jun 2015 3:43

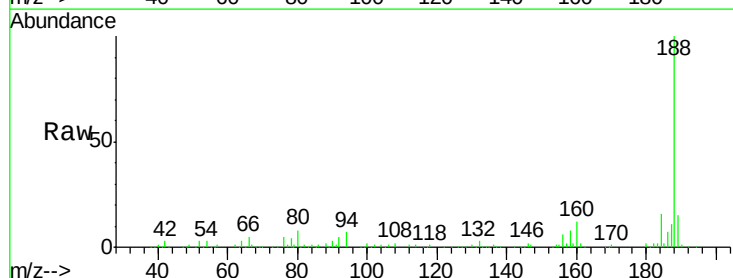
Tgt Ion:188 Resp: 126328

Ion Ratio Lower Upper

188 100

94 6.8 6.3 9.5

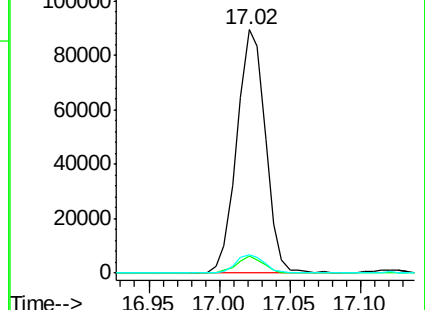
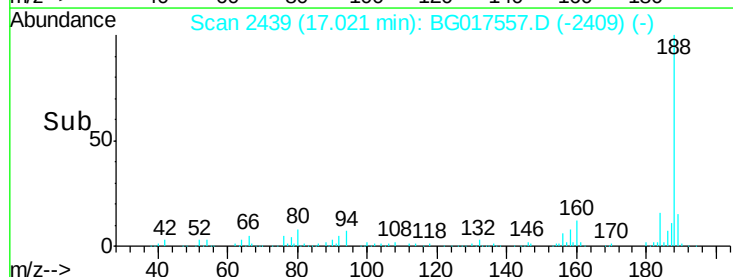
80 7.7 5.2 7.8

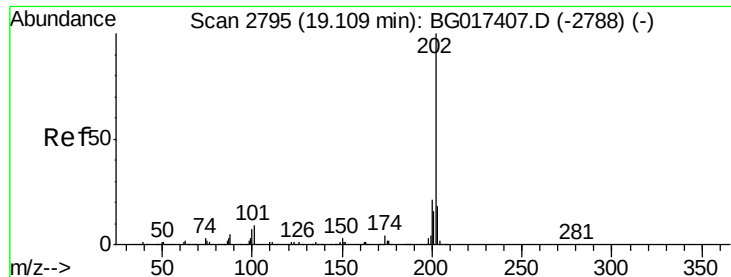


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0





#74

Fluoranthene

Concen: 2.04 ng

RT: 19.09 min Scan# 2791

Delta R.T. -0.02 min

Lab File: BG017557.D

Acq: 9 Jun 2015 3:43

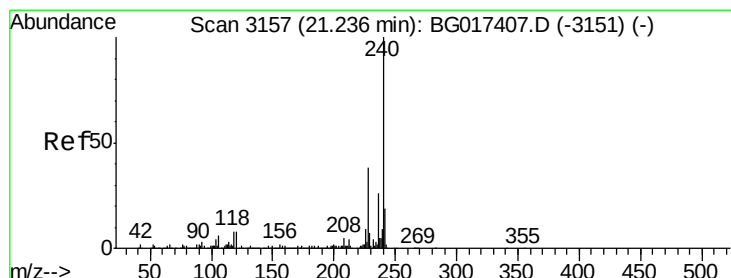
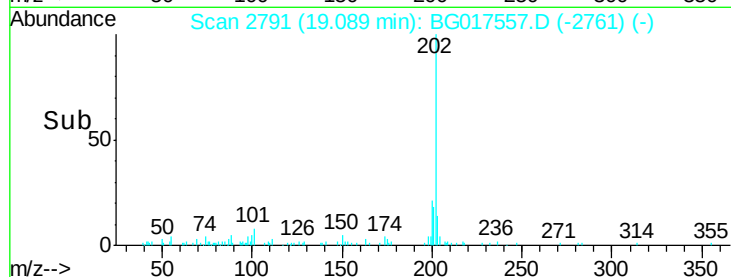
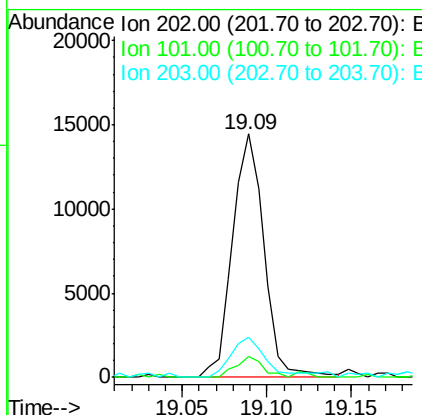
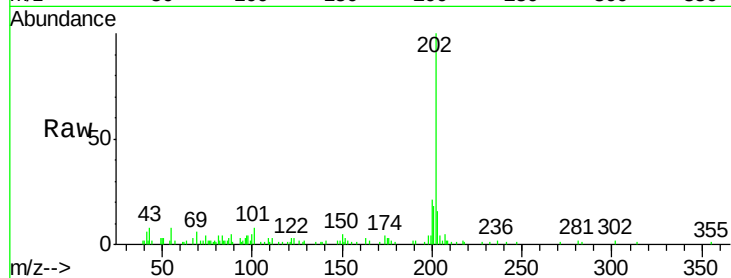
Instrument :

BNA_G

ClientSampleId :

AVE-E-RA15.2(4)

Tgt Ion:	202	Resp:	18825
Ion	Ratio	Lower	Upper
202	100		
101	8.5	0.0	28.8
203	16.3	0.0	37.6



#75

Chrysene-d12

Concen: 20.00 ng

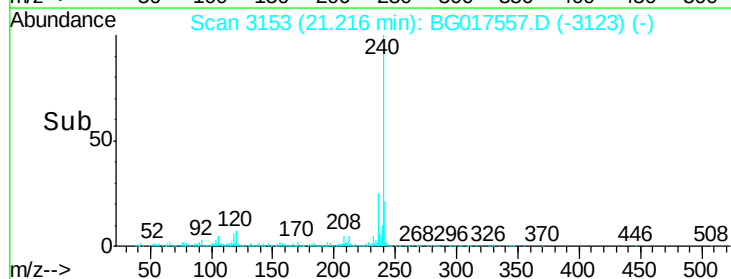
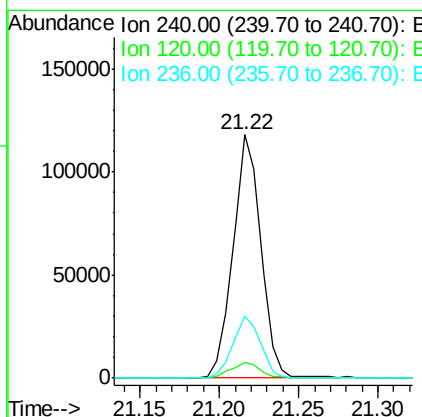
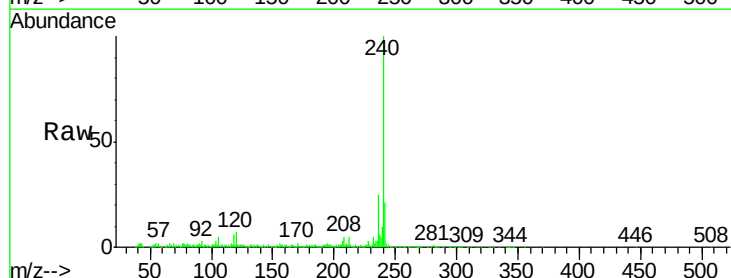
RT: 21.22 min Scan# 3153

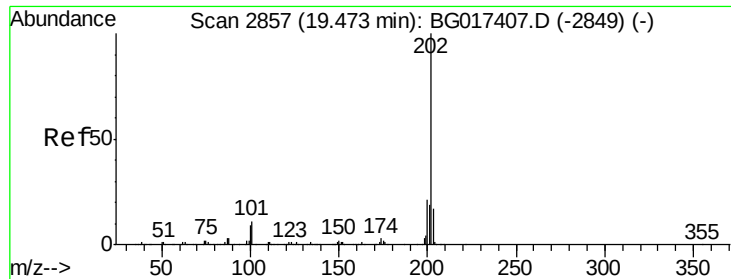
Delta R.T. -0.02 min

Lab File: BG017557.D

Acq: 9 Jun 2015 3:43

Tgt Ion:	240	Resp:	143588
Ion	Ratio	Lower	Upper
240	100		
120	6.7	6.5	9.7
236	25.4	20.8	31.2

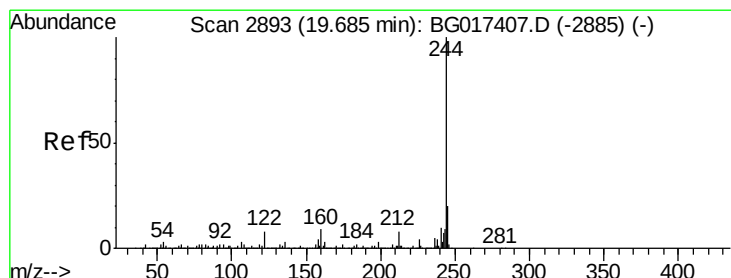
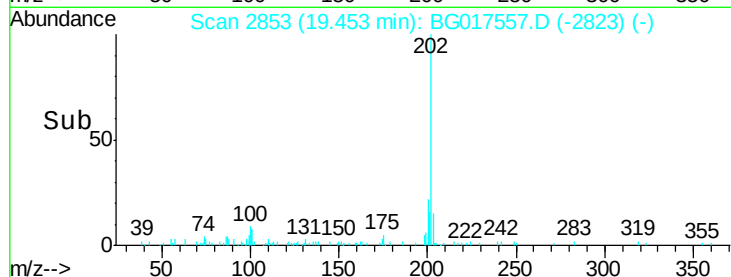
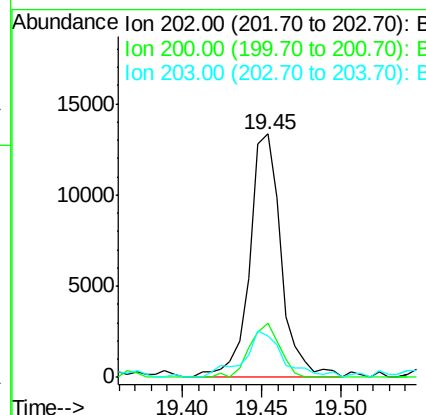
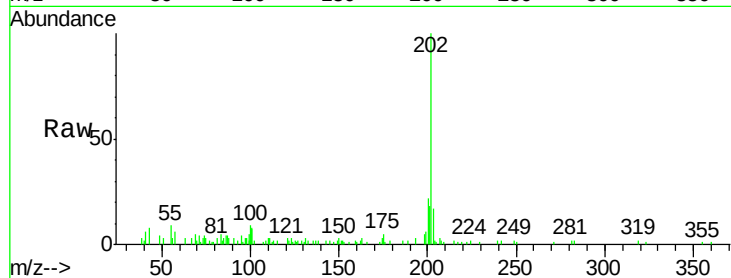




#77
 Pyrene
 Concen: 2.09 ng
 RT: 19.45 min Scan# 2853
 Delta R.T. -0.02 min
 Lab File: BG017557.D
 Acq: 9 Jun 2015 3:43

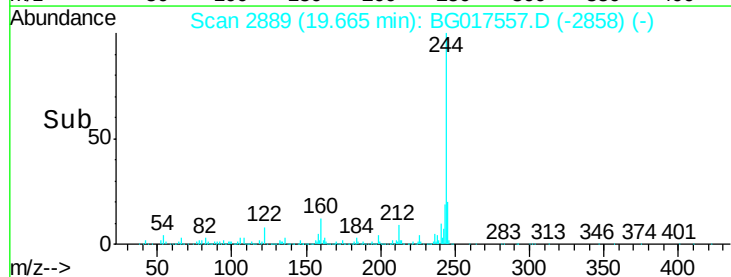
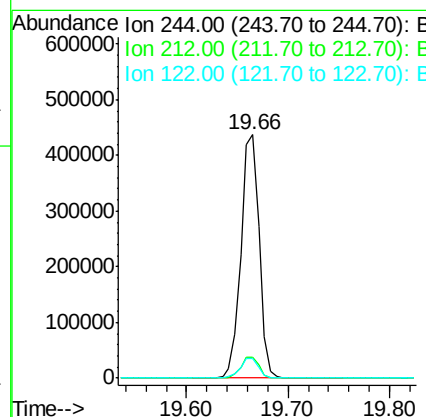
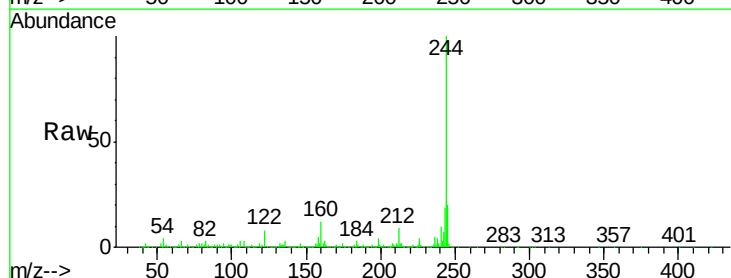
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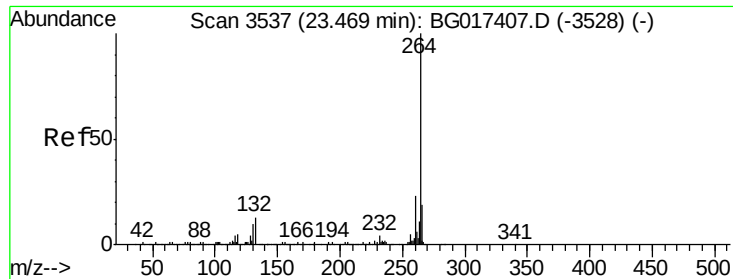
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.0	25.4
203	16.8	13.9	20.9



#78
 Terphenyl-d14
 Concen: 78.42 ng
 RT: 19.66 min Scan# 2889
 Delta R.T. -0.02 min
 Lab File: BG017557.D
 Acq: 9 Jun 2015 3:43

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.8	6.4	9.6
122	8.1	6.6	10.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.45 min Scan# 3533
Delta R.T. -0.03 min
Lab File: BG017557.D
Acq: 9 Jun 2015 3:43

Instrument :
BNA_G
ClientSampleId :
AVE-E-RA15.2(4)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.2	27.4
265	20.2	15.8	23.6

