

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073015\
 Data File : BG018176.D
 Acq On : 30 Jul 2015 15:23
 Operator : TP/UM
 Sample : G3114-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BRIDGE14-5(0-2)

Quant Time: Jul 30 17:11:56 2015
 Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG071715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 18 01:50:30 2015
 Response via : Initial Calibration

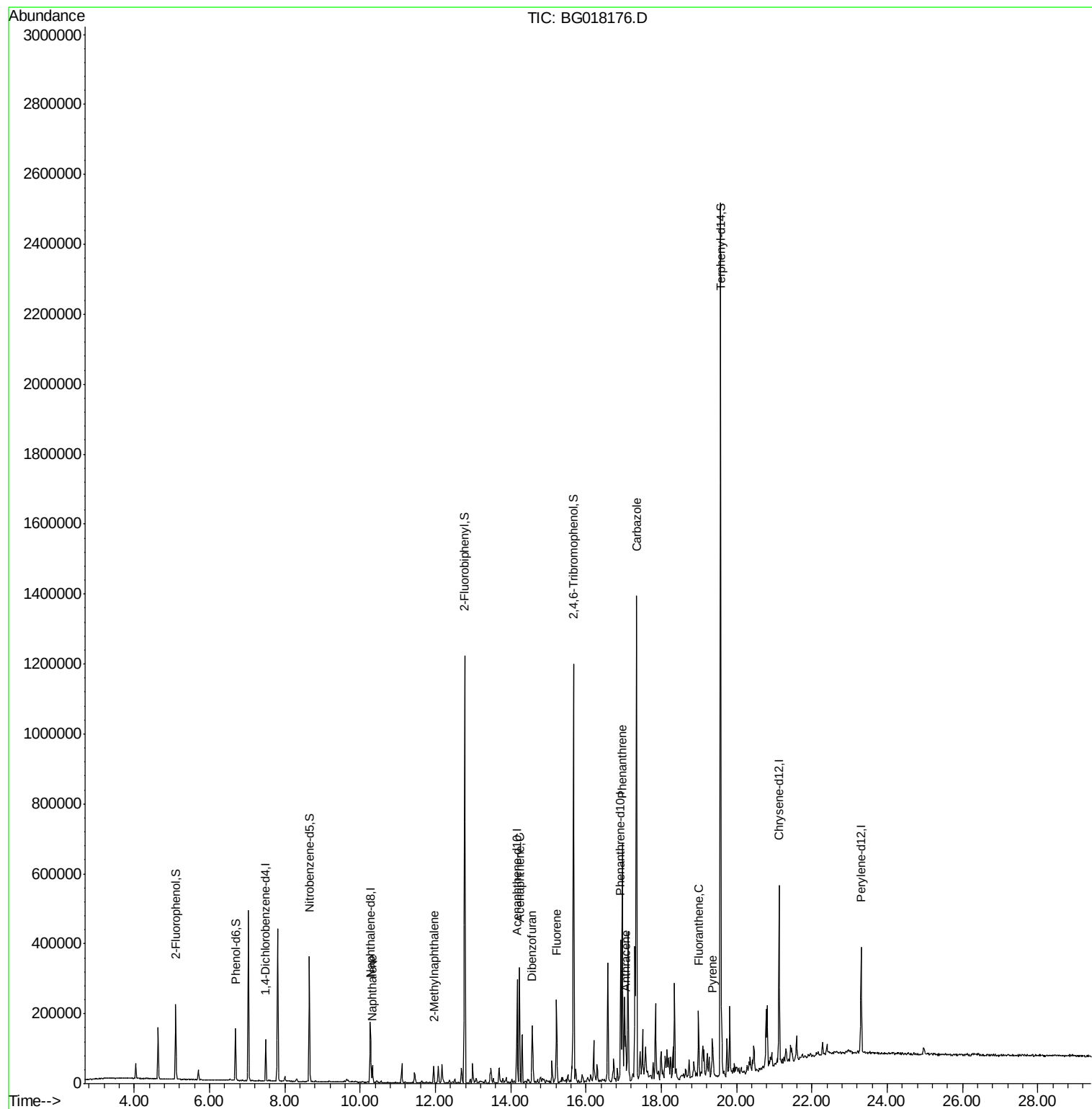
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	34760	20.00	ng	-0.09
21) Naphthalene-d8	10.27	136	156315	20.00	ng	-0.09
38) Acenaphthene-d10	14.17	164	107818	20.00	ng	-0.07
63) Phenanthrene-d10	16.93	188	248467	20.00	ng	-0.07
75) Chrysene-d12	21.13	240	240199	20.00	ng	-0.07
86) Perylene-d12	23.31	264	227560	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	106347	53.37	ng	-0.09
7) Phenol-d6	6.69	99	91478	35.04	ng	-0.07
23) Nitrobenzene-d5	8.65	82	198950	82.43	ng	-0.09
41) 2,4,6-Tribromophenol	15.67	330	258791	236.91	ng	-0.07
44) 2-Fluorobiphenyl	12.78	172	651296	104.68	ng	-0.08
78) Terphenyl-d14	19.58	244	1125219	118.00	ng	-0.07
Target Compounds						Qvalue
31) Naphthalene	10.33	128	42249	5.52	ng	99
37) 2-Methylnaphthalene	11.96	142	23287	4.24	ng	97
51) Acenaphthene	14.23	154	126016	20.40	ng	96
54) Dibenzofuran	14.57	168	107078	12.01	ng	94
57) Fluorene	15.22	166	104324	13.62	ng	97
70) Phenanthrene	16.97	178	404598	31.57	ng	98
71) Anthracene	17.05	178	106807m	8.57	ng	
72) Carbazole	17.34	167	921921	78.25	ng	98
74) Fluoranthene	18.99	202	111352	7.94	ng	93
77) Pyrene	19.36	202	66693	4.98	ng	97

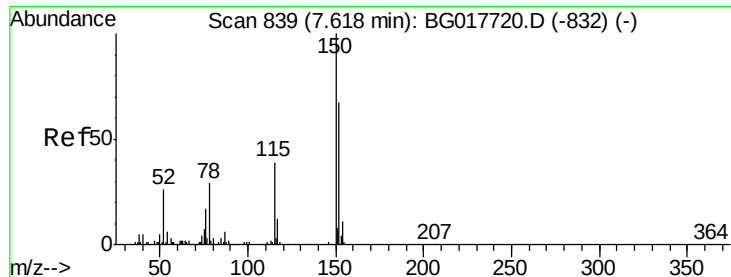
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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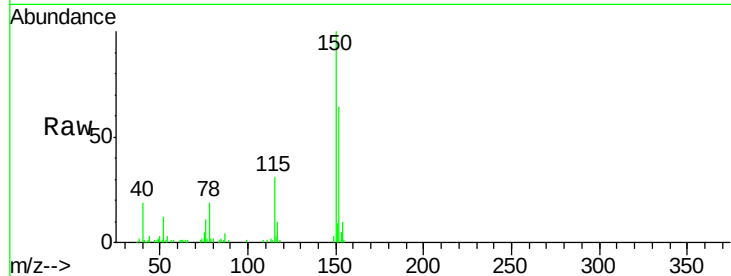


#1

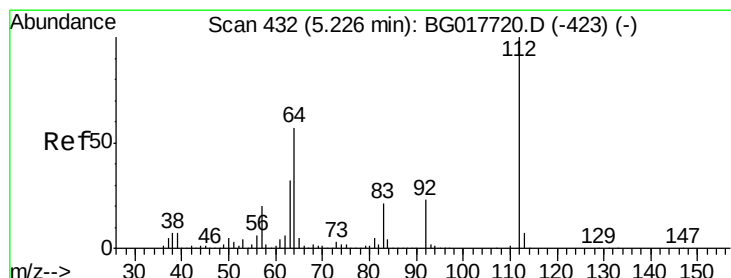
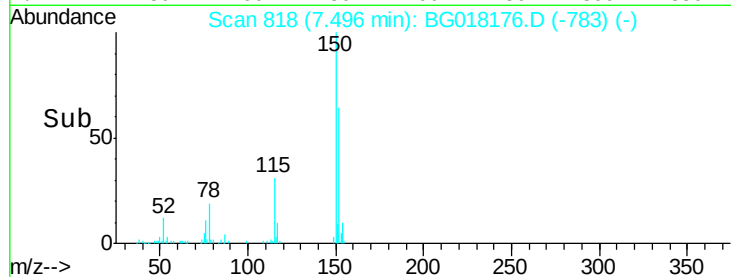
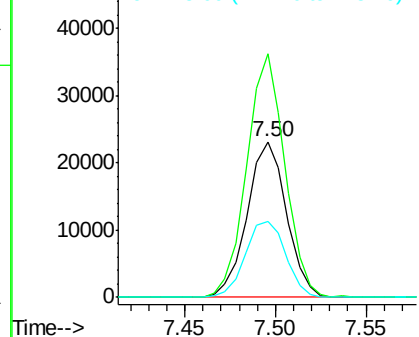
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.50 min Scan# 818
Delta R.T. -0.09 min
Lab File: BG018176.D
Acq: 30 Jul 2015 15:23

Instrument :
BNA_G
ClientSampleId :
BRIDGE14-5(0-2)

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.2	119.1	178.7
115	48.4	47.0	70.4



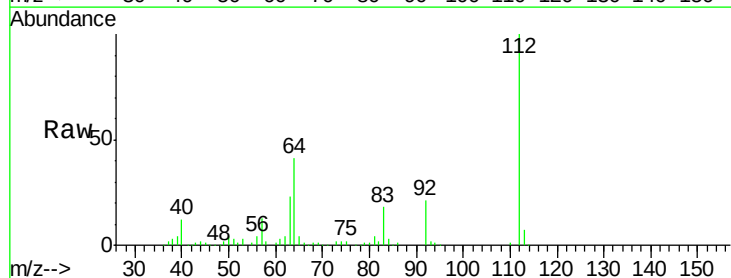
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



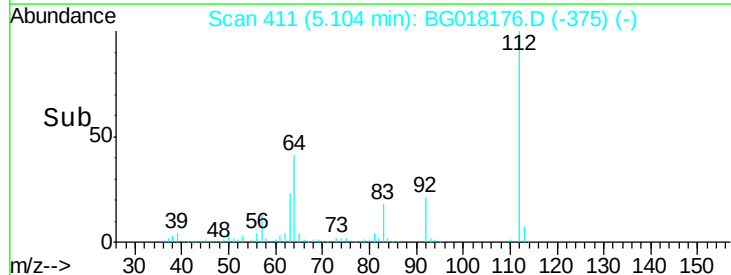
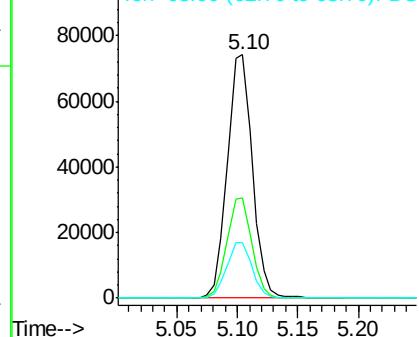
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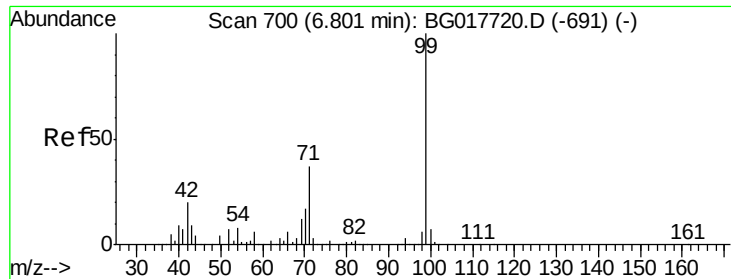
2-Fluorophenol
Concen: 53.37 ng
RT: 5.10 min Scan# 411
Delta R.T. -0.09 min
Lab File: BG018176.D
Acq: 30 Jul 2015 15:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	40.9	45.4	68.0#
63	22.9	25.3	37.9#



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: 35.04 ng

RT: 6.69 min Scan# 681

Delta R.T. -0.07 min

Lab File: BG018176.D

Acq: 30 Jul 2015 15:23

Instrument :

BNA_G

ClientSampleId :

BRIDGE14-5(0-2)

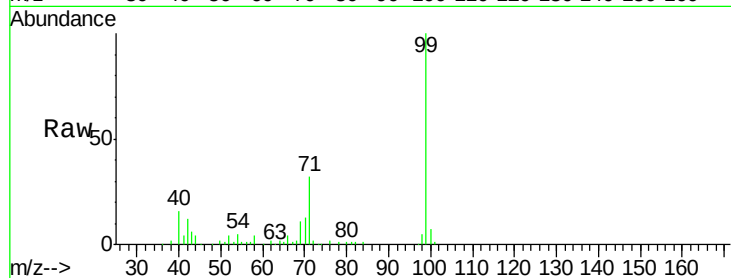
Tgt Ion: 99 Resp: 91478

Ion Ratio Lower Upper

99 100

42 12.3 16.2 24.4#

71 31.7 29.5 44.3

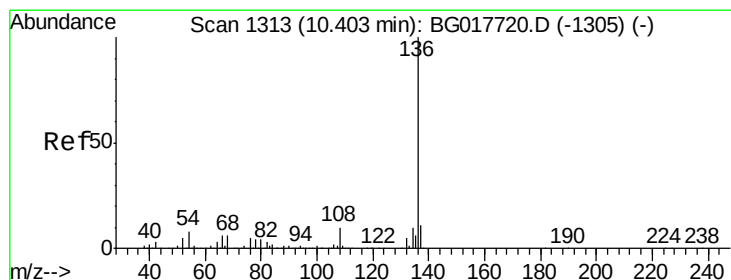
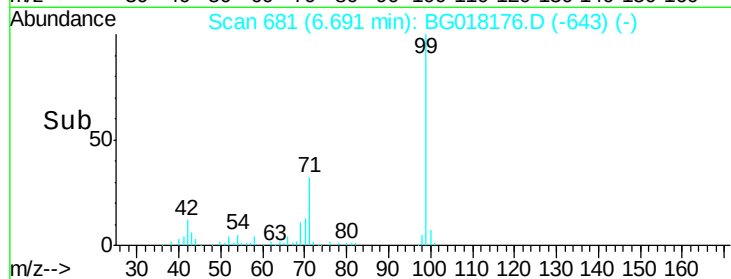
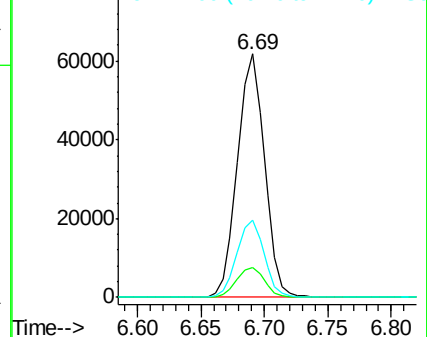


Abundance

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: 10.27 min Scan# 1291

Delta R.T. -0.09 min

Lab File: BG018176.D

Acq: 30 Jul 2015 15:23

Tgt Ion: 136 Resp: 156315

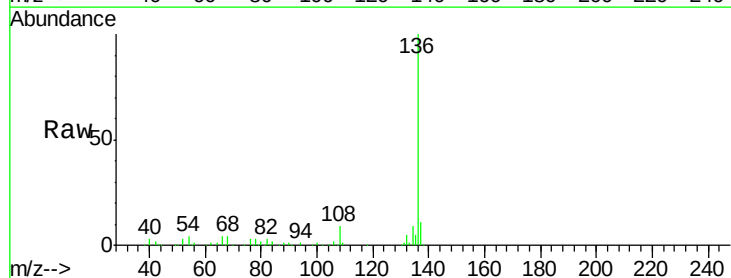
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 4.2 6.6 9.8#

68 3.9 5.1 7.7#



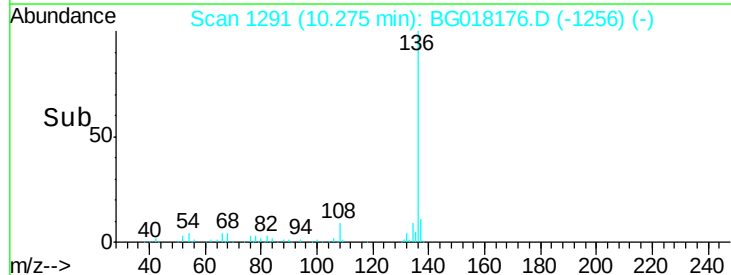
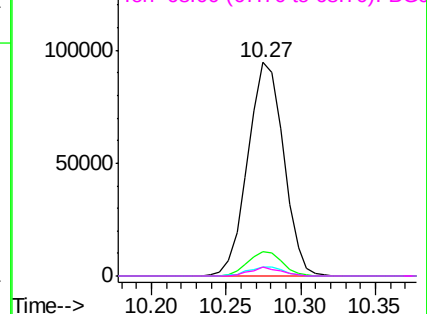
Abundance

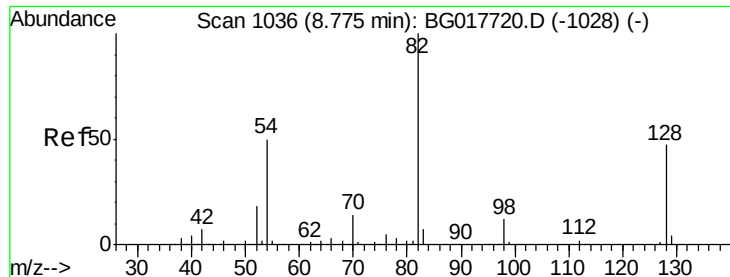
Ion 136.00 (135.70 to 136.70): BGC

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

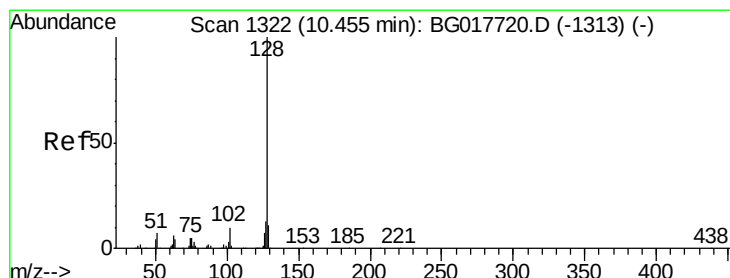
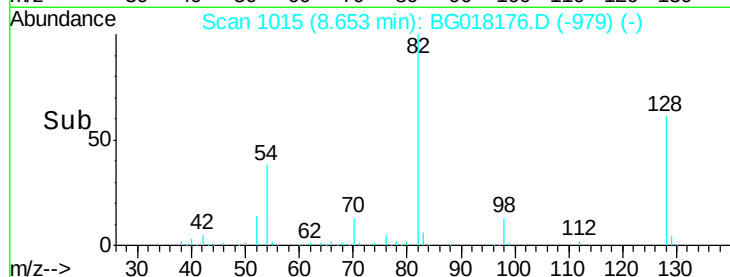
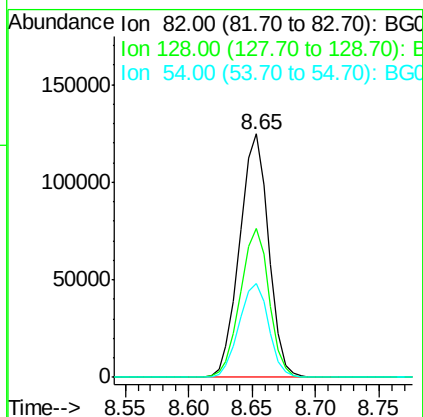
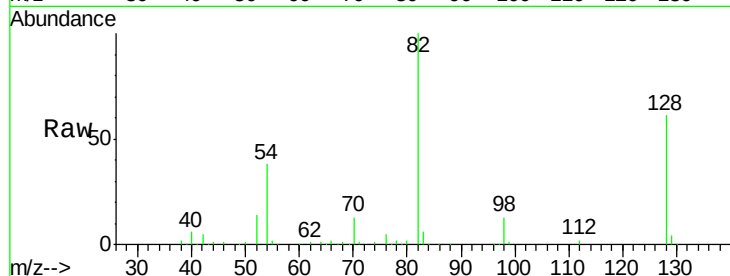




#23
 Nitrobenzene-d5
 Concen: 82.43 ng
 RT: 8.65 min Scan# 1015
 Delta R.T. -0.09 min
 Lab File: BG018176.D
 Acq: 30 Jul 2015 15:23

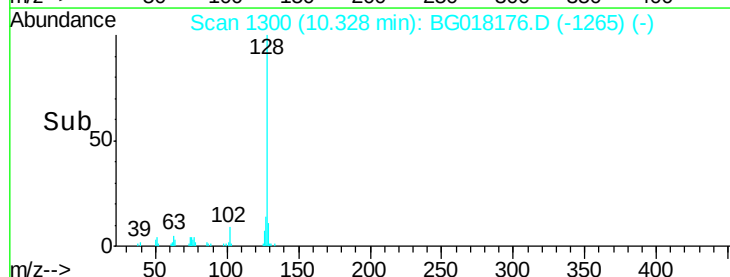
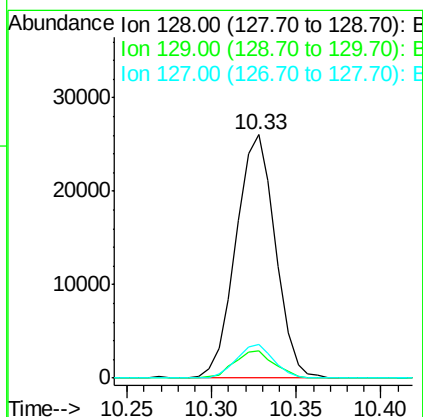
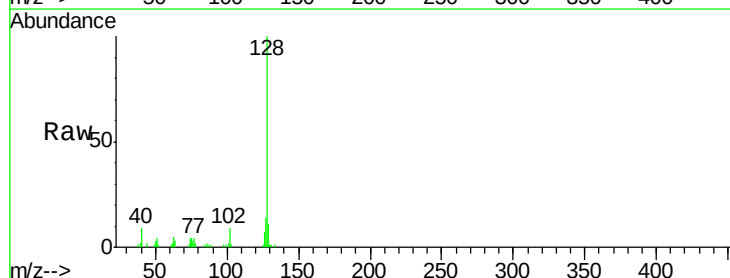
Instrument :
 BNA_G
 ClientSampleId :
 BRIDGE14-5(0-2)

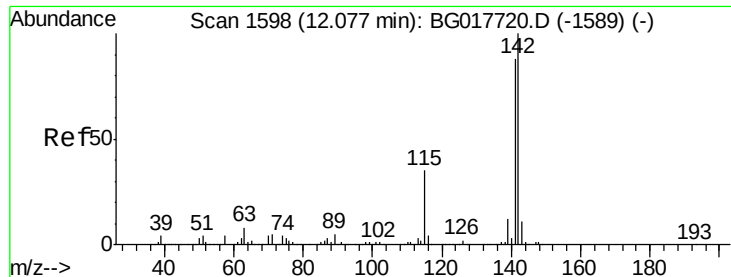
Tgt Ion: 82 Resp: 198950
 Ion Ratio Lower Upper
 82 100
 128 61.3 37.8 56.6#
 54 38.3 39.9 59.9#



#31
 Naphthalene
 Concen: 5.52 ng
 RT: 10.33 min Scan# 1300
 Delta R.T. -0.09 min
 Lab File: BG018176.D
 Acq: 30 Jul 2015 15:23

Tgt Ion: 128 Resp: 42249
 Ion Ratio Lower Upper
 128 100
 129 11.0 9.0 13.6
 127 13.9 10.7 16.1

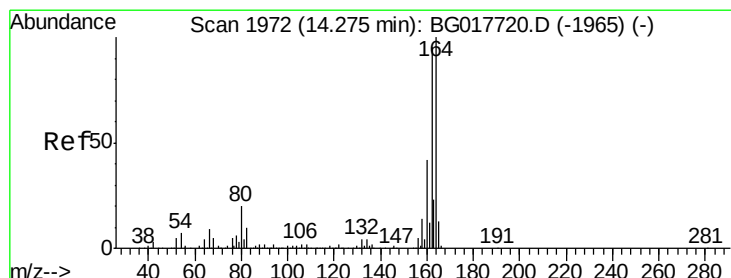
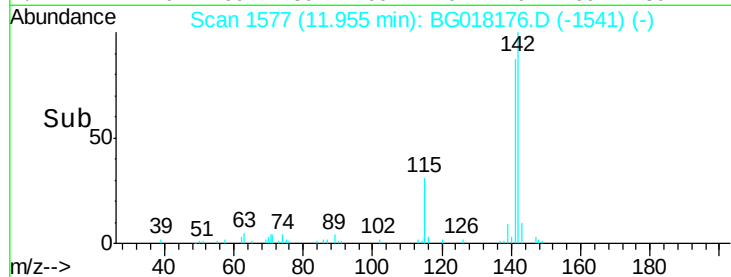
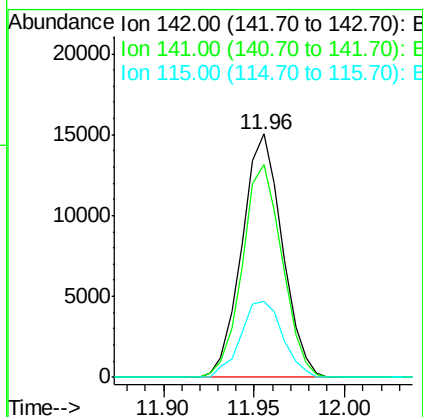
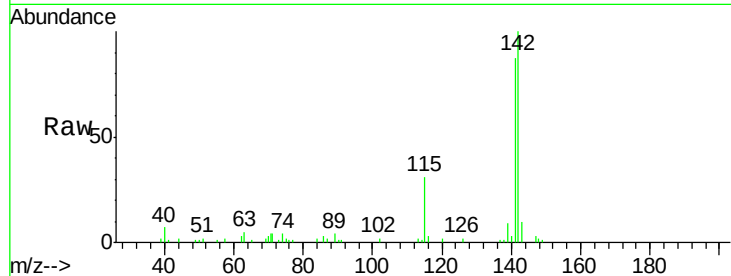




#37
2-Methylnaphthalene
Concen: 4.24 ng
RT: 11.96 min Scan# 1577
Delta R.T. -0.09 min
Lab File: BG018176.D
Acq: 30 Jul 2015 15:23

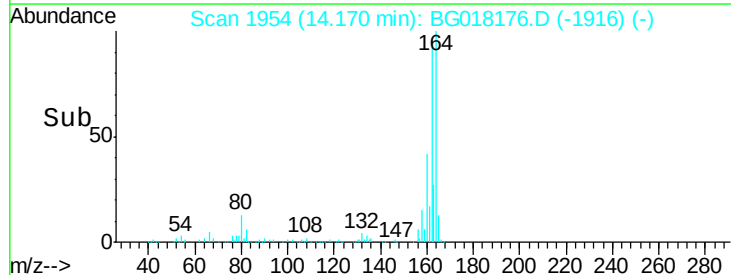
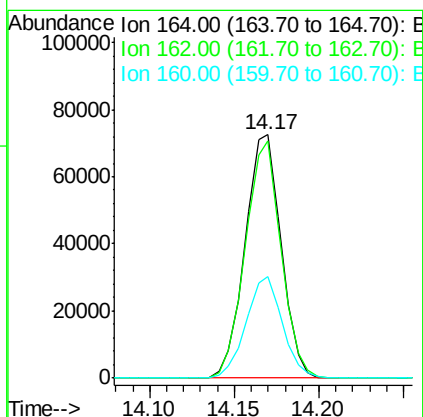
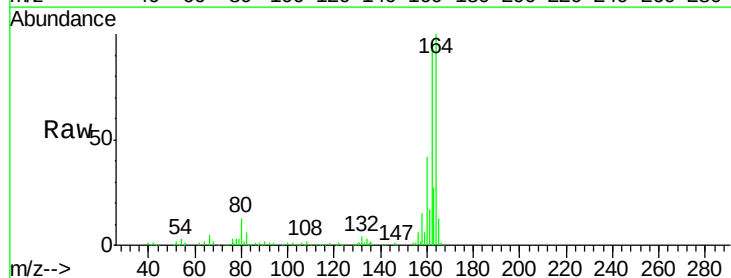
Instrument :
BNA_G
ClientSampleId :
BRIDGE14-5(0-2)

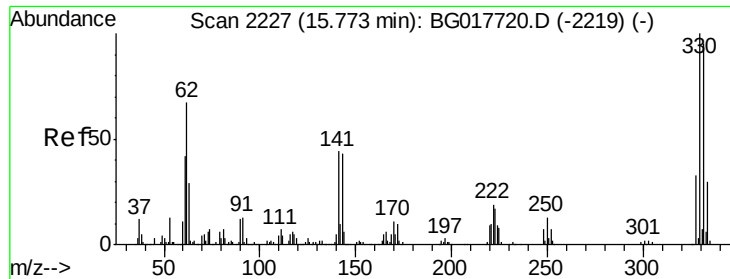
Tgt Ion:142 Resp: 23287
Ion Ratio Lower Upper
142 100
141 87.2 70.7 106.1
115 31.3 27.8 41.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.17 min Scan# 1954
Delta R.T. -0.07 min
Lab File: BG018176.D
Acq: 30 Jul 2015 15:23

Tgt Ion:164 Resp: 107818
Ion Ratio Lower Upper
164 100
162 97.3 76.3 114.5
160 41.7 33.7 50.5

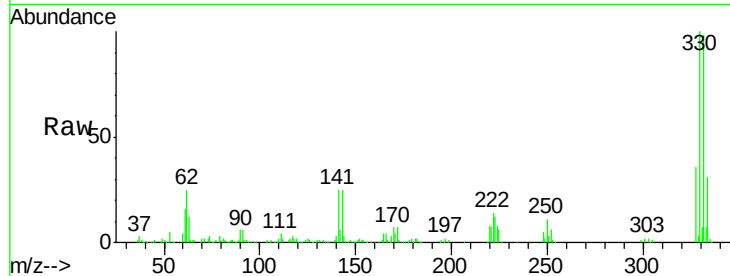




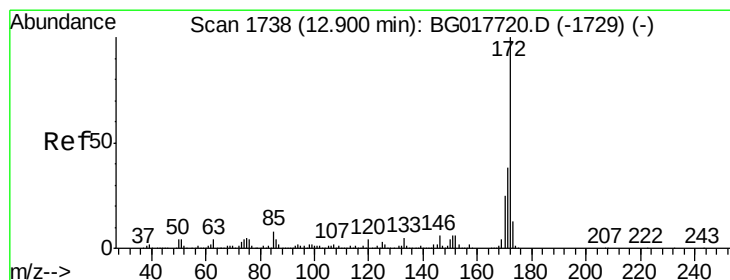
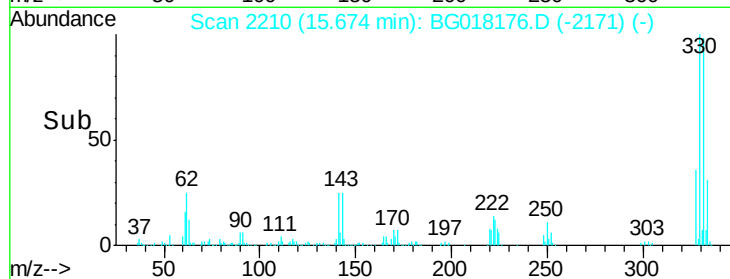
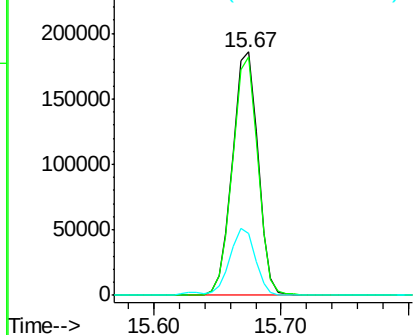
#41
 2,4,6-Tribromophenol
 Concen: 236.91 ng
 RT: 15.67 min Scan# 2210
 Delta R.T. -0.07 min
 Lab File: BG018176.D
 Acq: 30 Jul 2015 15:23

Instrument :
 BNA_G
 ClientSampleId :
 BRIDGE14-5(0-2)

Tgt Ion: 330 Resp: 258791
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.8 115.2
 141 28.7 38.0 57.0#

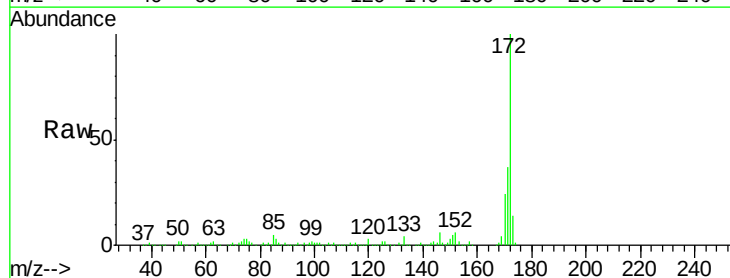


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

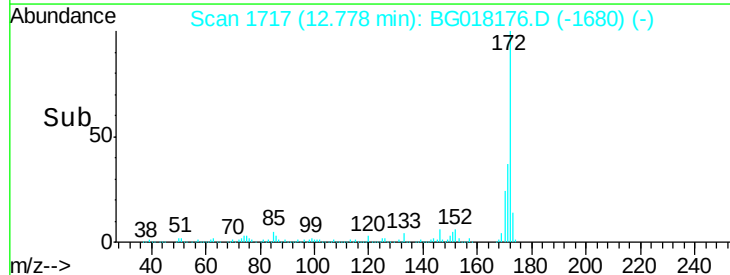
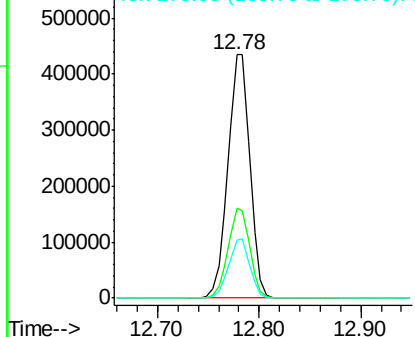


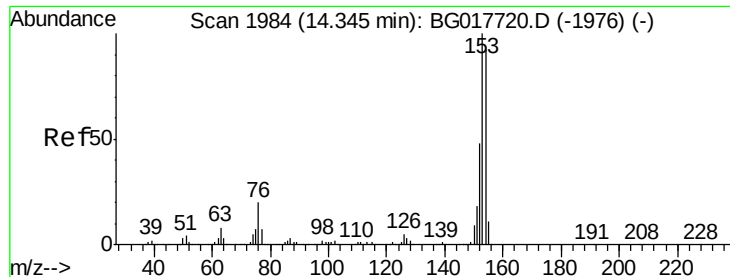
#44
 2-Fluorobiphenyl
 Concen: 104.68 ng
 RT: 12.78 min Scan# 1717
 Delta R.T. -0.08 min
 Lab File: BG018176.D
 Acq: 30 Jul 2015 15:23

Tgt Ion: 172 Resp: 651296
 Ion Ratio Lower Upper
 172 100
 171 37.0 30.7 46.1
 170 23.7 19.7 29.5



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





#51

Acenaphthene

Concen: 20.40 ng

RT: 14.23 min Scan# 1964

Delta R.T. -0.08 min

Lab File: BG018176.D

Acq: 30 Jul 2015 15:23

Instrument :

BNA_G

ClientSampleId :

BRIDGE14-5(0-2)

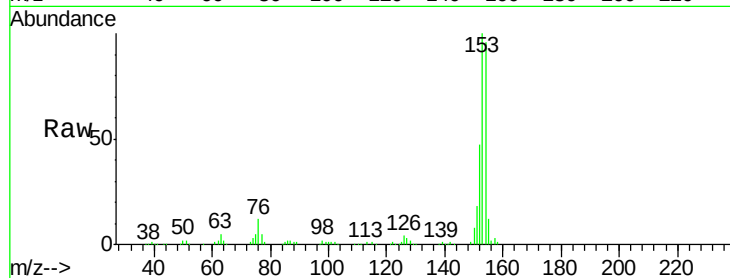
Tgt Ion:154 Resp: 126016

Ion Ratio Lower Upper

154 100

153 104.4 87.0 130.4

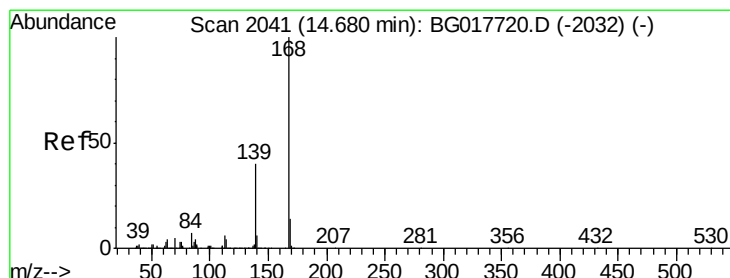
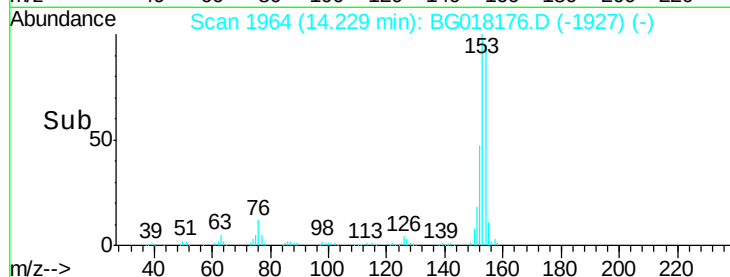
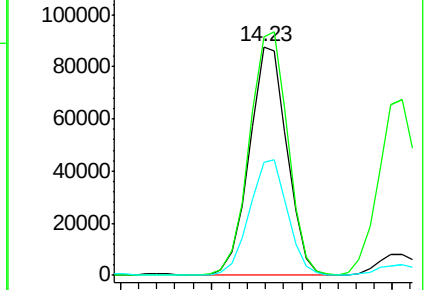
152 49.4 41.4 62.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 12.01 ng

RT: 14.57 min Scan# 2022

Delta R.T. -0.07 min

Lab File: BG018176.D

Acq: 30 Jul 2015 15:23

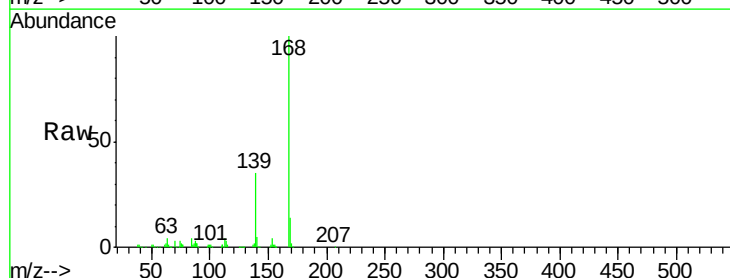
Tgt Ion:168 Resp: 107078

Ion Ratio Lower Upper

168 100

139 35.5 32.2 48.2

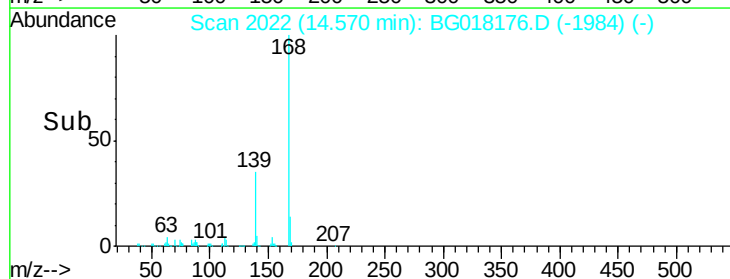
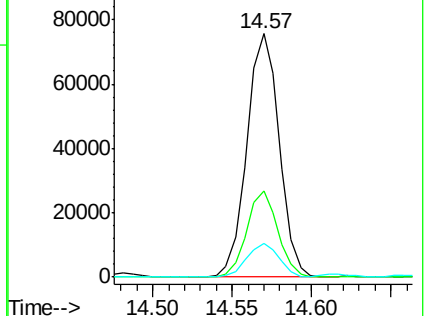
169 13.8 11.3 16.9

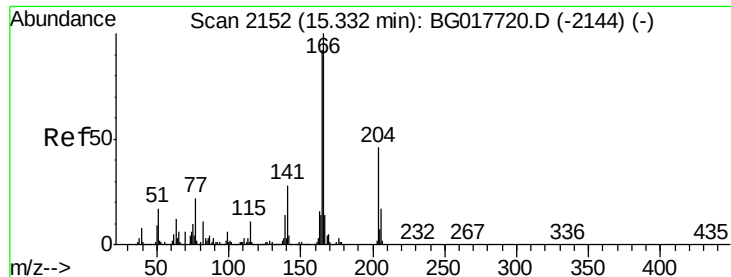


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

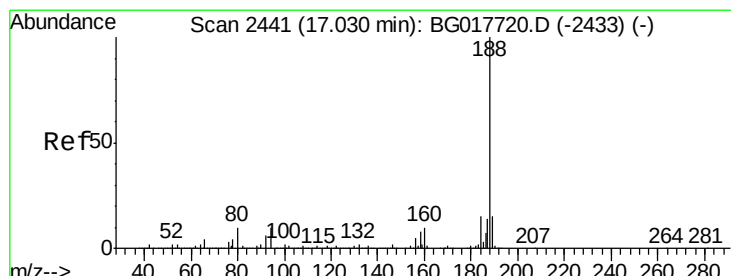
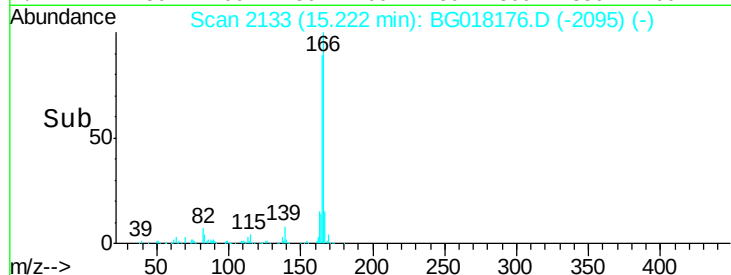
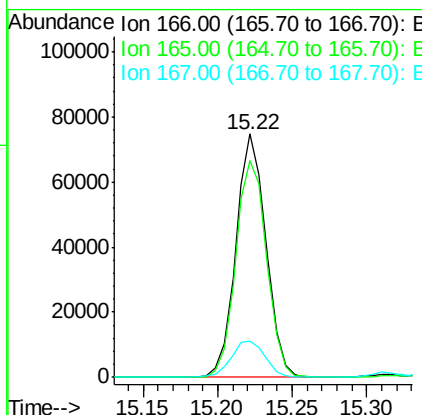
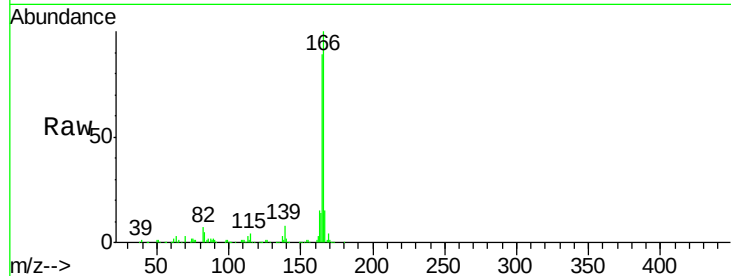




#57
Fluorene
 Concen: 13.62 ng
 RT: 15.22 min Scan# 2133
 Delta R.T. -0.07 min
 Lab File: BG018176.D
 Acq: 30 Jul 2015 15:23

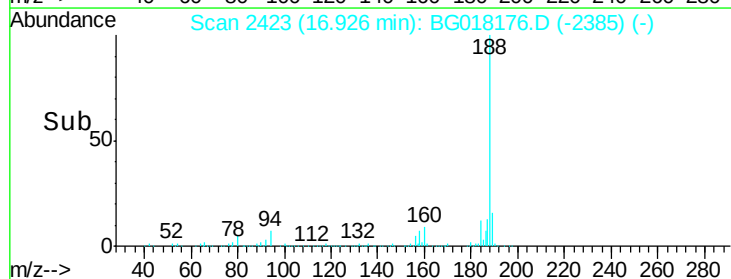
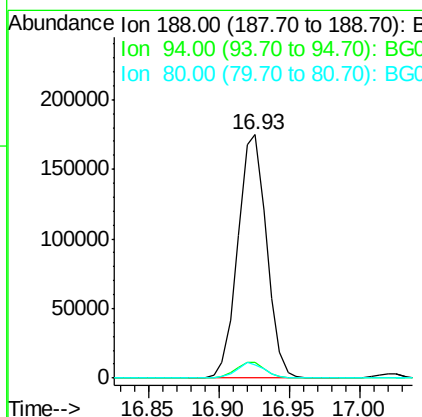
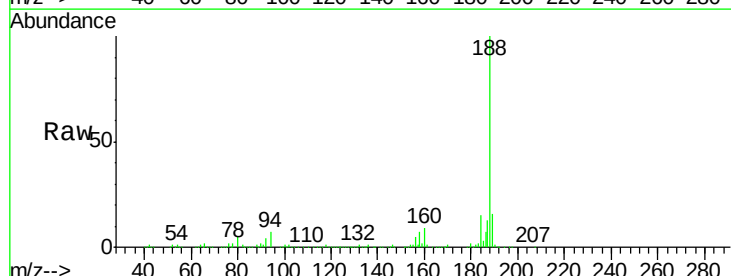
Instrument :
 BNA_G
 ClientSampleId :
 BRIDGE14-5(0-2)

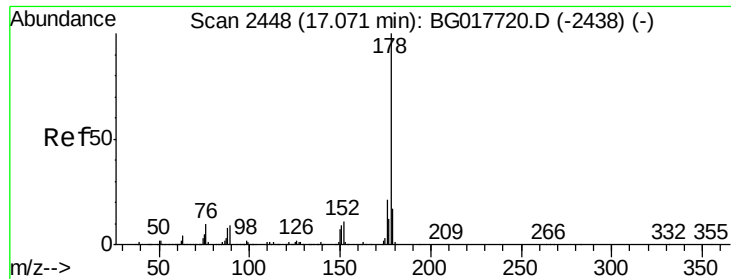
Tgt Ion	Resp	Lower	Upper
166	104324		
165	88.9	73.4	110.0
167	14.9	11.0	16.6



#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 16.93 min Scan# 2423
 Delta R.T. -0.07 min
 Lab File: BG018176.D
 Acq: 30 Jul 2015 15:23

Tgt Ion	Resp	Lower	Upper
188	248467		
94	6.6	8.2	12.2#
80	5.5	8.2	12.4#





#70

Phenanthrene

Concen: 31.57 ng

RT: 16.97 min Scan# 2430

Delta R.T. -0.07 min

Lab File: BG018176.D

Acq: 30 Jul 2015 15:23

Instrument :

BNA_G

ClientSampleId :

BRIDGE14-5(0-2)

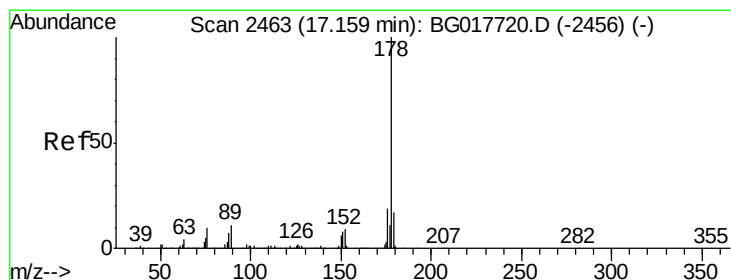
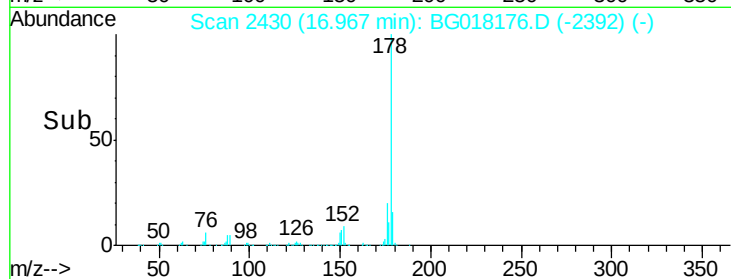
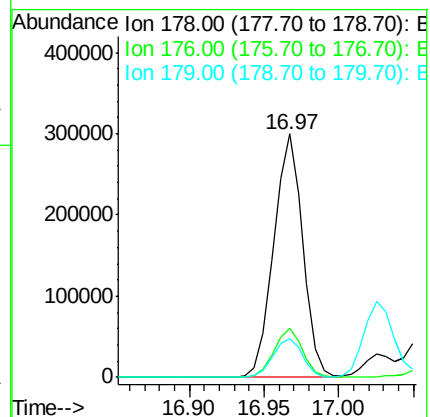
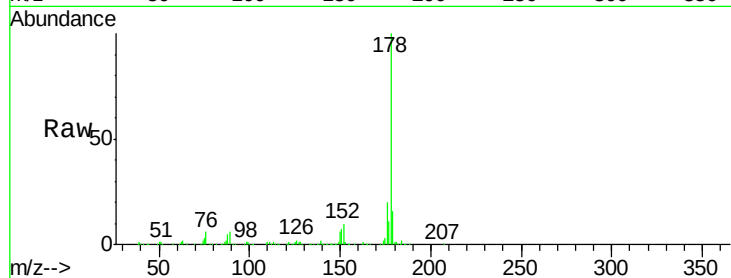
Tgt Ion:178 Resp: 404598

Ion Ratio Lower Upper

178 100

176 20.0 16.5 24.7

179 15.8 13.5 20.3



#71

Anthracene

Concen: 8.57 ng m

RT: 17.05 min Scan# 2445

Delta R.T. -0.07 min

Lab File: BG018176.D

Acq: 30 Jul 2015 15:23

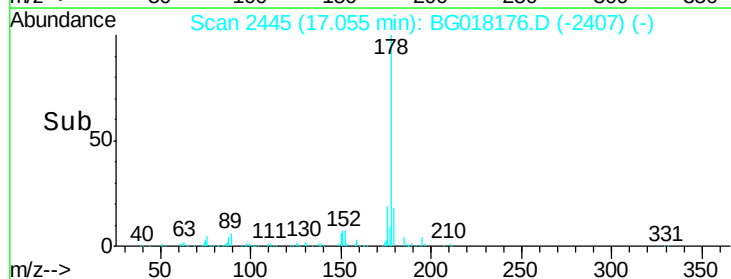
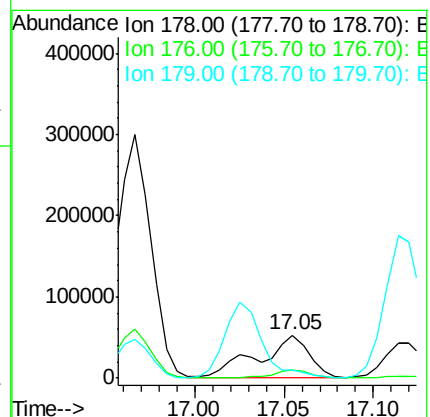
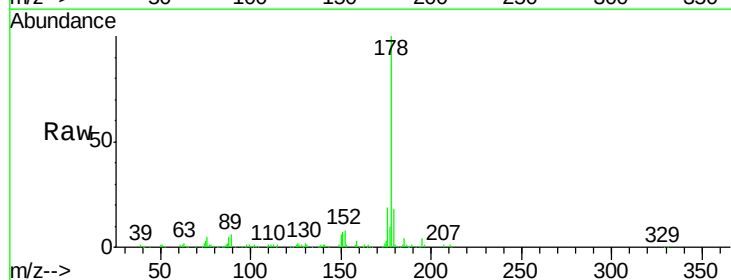
Tgt Ion:178 Resp: 106807

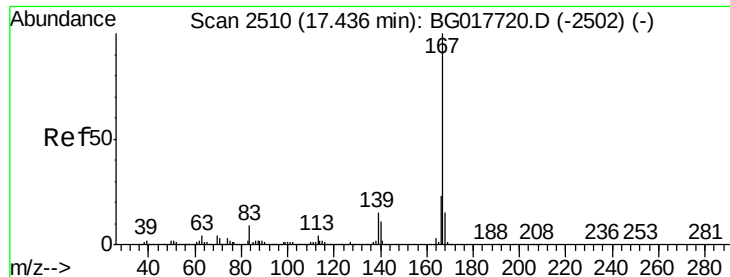
Ion Ratio Lower Upper

178 100

176 18.5 15.2 22.8

179 18.0 13.6 20.4





#72

Carbazole

Concen: 78.25 ng

RT: 17.34 min Scan# 2494

Delta R.T. -0.06 min

Lab File: BG018176.D

Acq: 30 Jul 2015 15:23

Instrument :

BNA_G

ClientSampleId :

BRIDGE14-5(0-2)

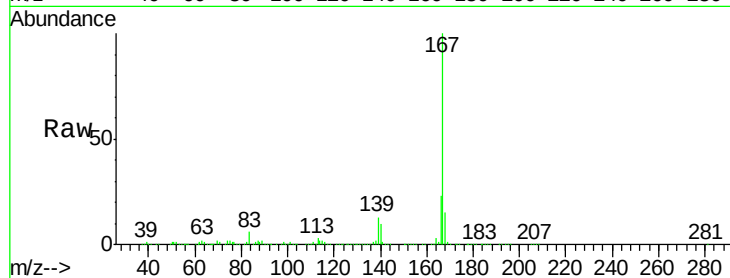
Tgt Ion:167 Resp: 921921

Ion Ratio Lower Upper

167 100

166 23.1 18.3 27.5

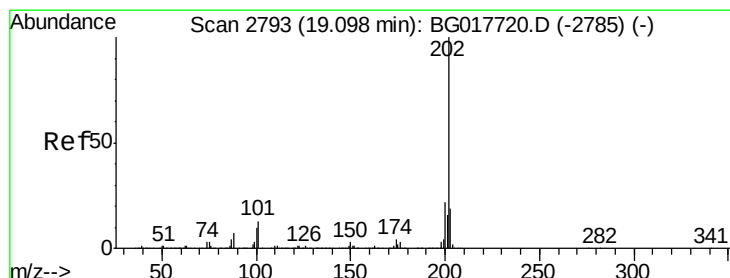
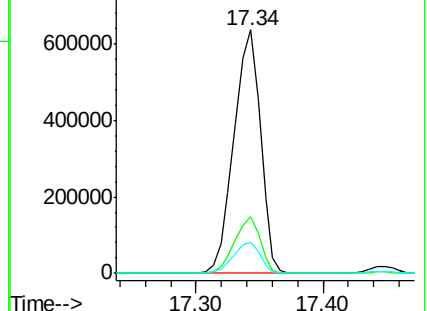
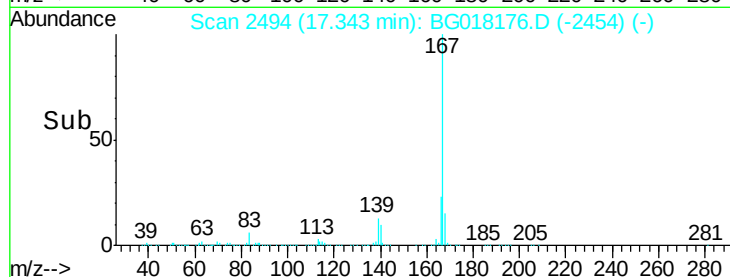
139 13.0 11.9 17.9



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Fluoranthene

Concen: 7.94 ng

RT: 18.99 min Scan# 2775

Delta R.T. -0.07 min

Lab File: BG018176.D

Acq: 30 Jul 2015 15:23

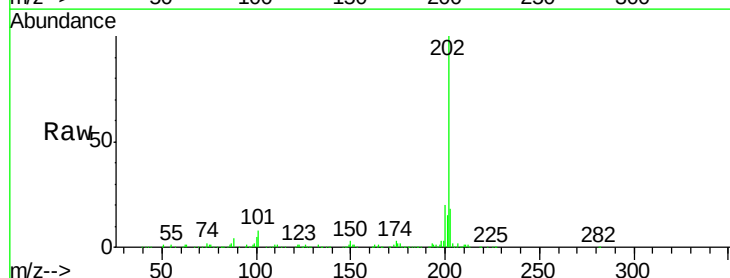
Tgt Ion:202 Resp: 111352

Ion Ratio Lower Upper

202 100

101 8.3 0.0 33.3

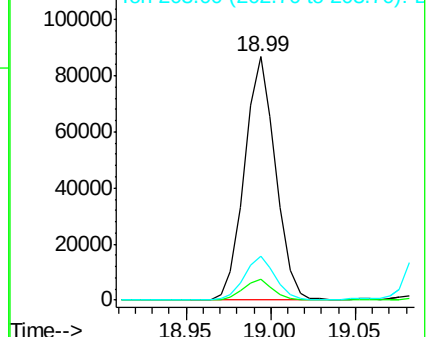
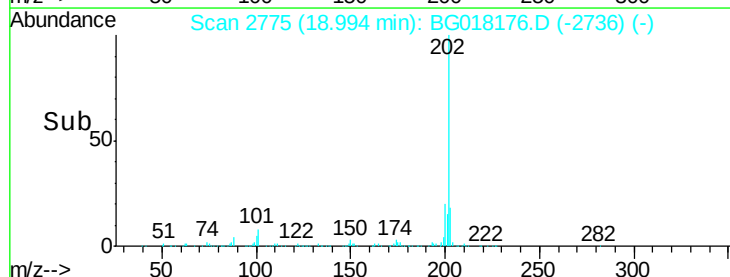
203 17.8 0.0 39.5

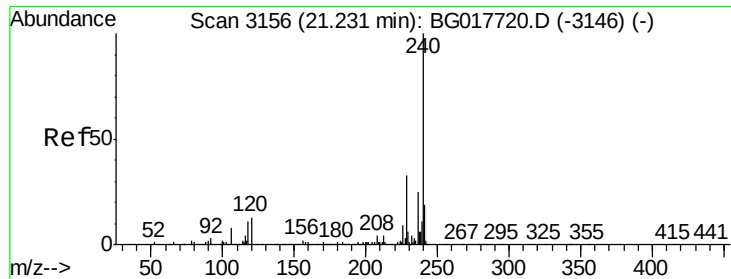


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.13 min Scan# 3138

Delta R.T. -0.07 min

Lab File: BG018176.D

Acq: 30 Jul 2015 15:23

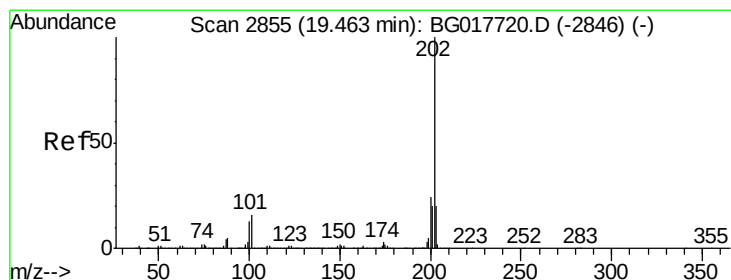
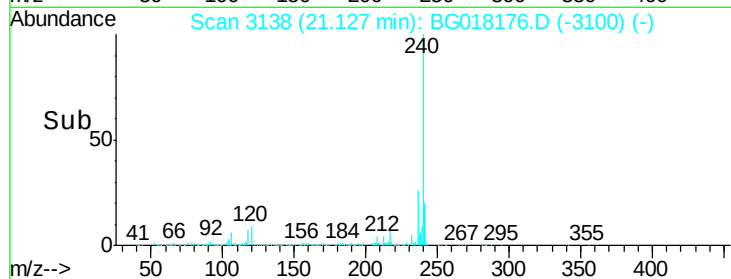
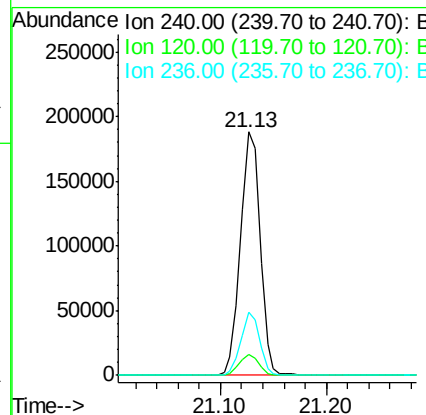
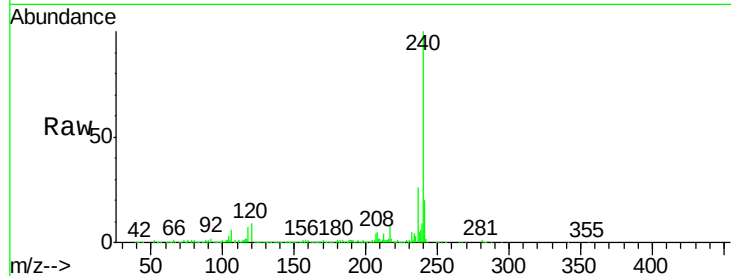
Instrument :

BNA_G

ClientSampleId :

BRIDGE14-5(0-2)

Tgt Ion:	240	Resp:	240199
Ion Ratio	Lower	Upper	
240	100		
120	8.8	10.8	16.2#
236	26.2	20.0	30.0



#77

Pyrene

Concen: 4.98 ng

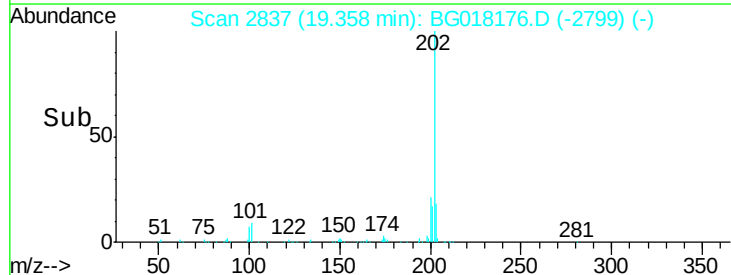
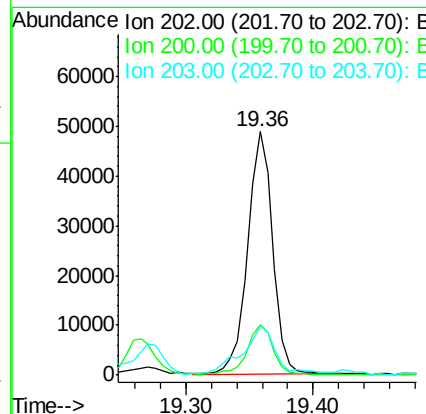
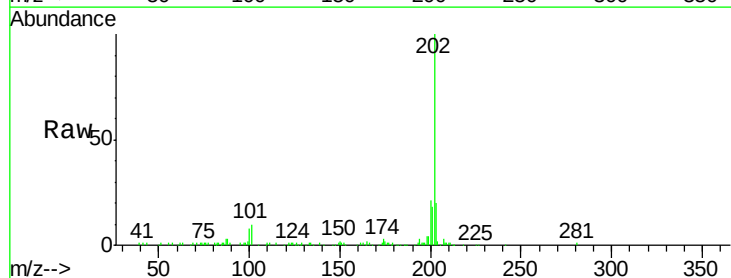
RT: 19.36 min Scan# 2837

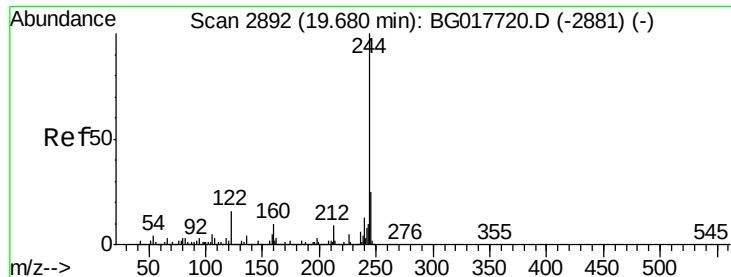
Delta R.T. -0.07 min

Lab File: BG018176.D

Acq: 30 Jul 2015 15:23

Tgt Ion:	202	Resp:	66693
Ion Ratio	Lower	Upper	
202	100		
200	20.7	18.8	28.2
203	19.9	15.9	23.9





#78

Terphenyl-d14

Concen: 118.00 ng

RT: 19.58 min Scan# 2874

Delta R.T. -0.07 min

Lab File: BG018176.D

Acq: 30 Jul 2015 15:23

Instrument :

BNA_G

ClientSampleId :

BRIDGE14-5(0-2)

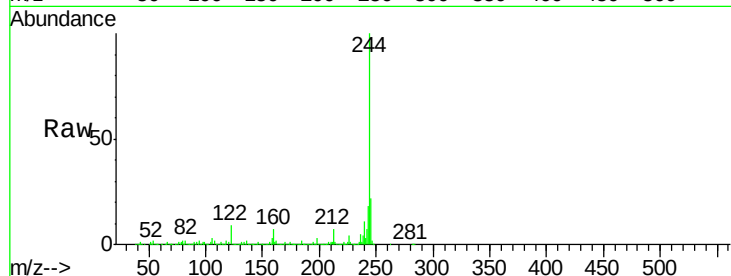
Tgt Ion:244 Resp: 1125219

Ion Ratio Lower Upper

244 100

212 7.3 7.2 10.8

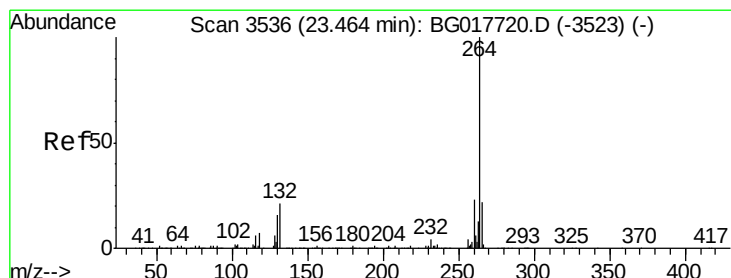
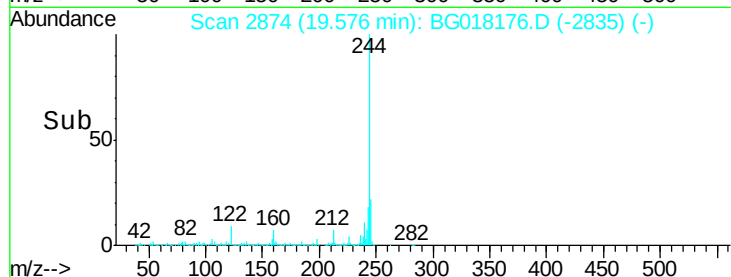
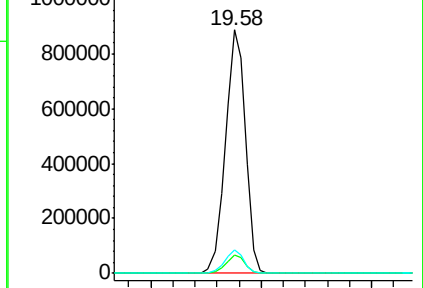
122 9.4 12.8 19.2#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.31 min Scan# 3510

Delta R.T. -0.10 min

Lab File: BG018176.D

Acq: 30 Jul 2015 15:23

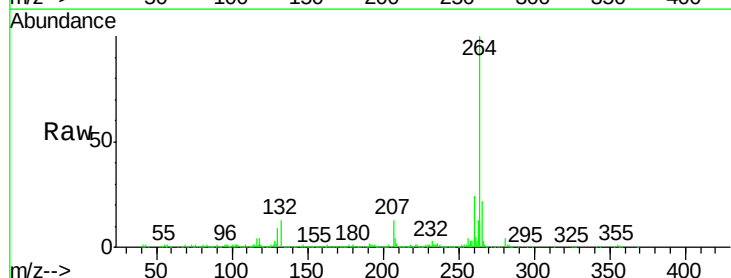
Tgt Ion:264 Resp: 227560

Ion Ratio Lower Upper

264 100

260 23.8 18.6 27.8

265 21.6 18.2 27.2



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

