

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061115\
 Data File : BG017623.D
 Acq On : 11 Jun 2015 23:23
 Operator : TP/IZ
 Sample : G2522-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-7

Quant Time: Jun 12 01:25:30 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 12 01:16:03 2015
 Response via : Initial Calibration

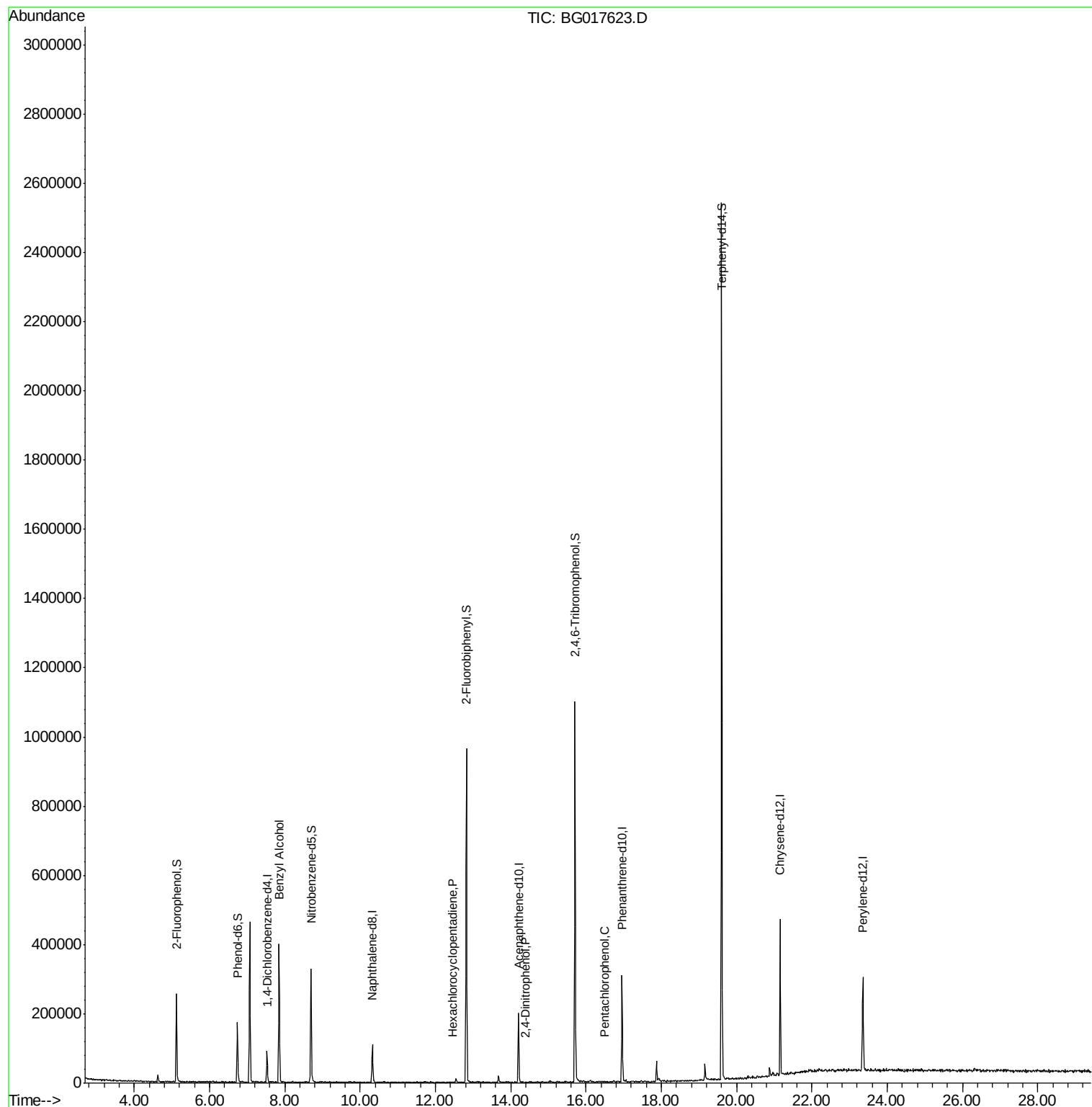
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	17671	20.00	ng	0.00
21) Naphthalene-d8	10.33	136	73091	20.00	ng	0.00
38) Acenaphthene-d10	14.21	164	57917	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	167727	20.00	ng	0.00
75) Chrysene-d12	21.16	240	198424	20.00	ng	0.00
86) Perylene-d12	23.36	264	179492	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	75554	75.33	ng	0.00
7) Phenol-d6	6.74	99	67611	49.48	ng	0.00
23) Nitrobenzene-d5	8.69	82	161803	110.51	ng	0.00
41) 2,4,6-Tribromophenol	15.71	330	140016	174.05	ng	0.00
44) 2-Fluorobiphenyl	12.82	172	410493	106.92	ng	0.00
78) Terphenyl-d14	19.60	244	939330	97.84	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.85	79	3398	2.67	ng	# 42
40) Hexachlorocyclopentadiene	12.44	237	68	6.87	ng	# 27
53) 2,4-Dinitrophenol	14.39	184	56	7.09	ng	# 13
69) Pentachlorophenol	16.49	266	59	5.54	ng	# 22

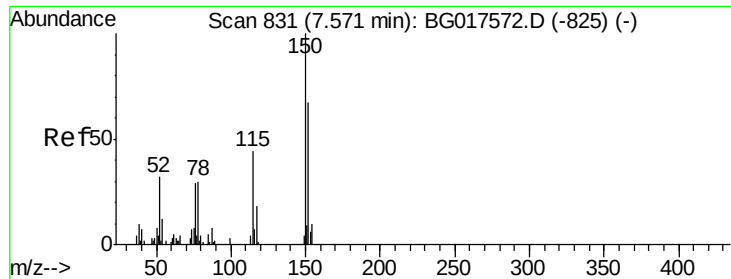
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 12 01:25:30 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 12 01:16:03 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.53 min Scan# 824

Delta R.T. -0.00 min

Lab File: BG017623.D

Acq: 11 Jun 2015 23:23

Instrument :

BNA_G

ClientSampleId :

MW-7

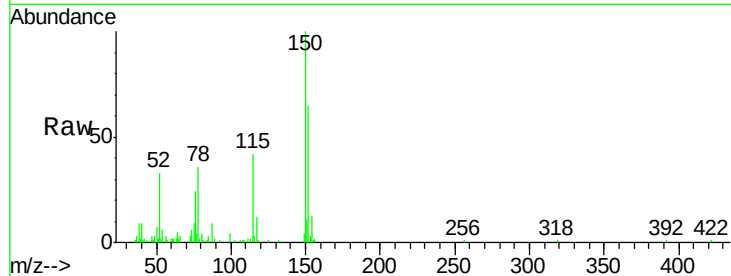
Tgt Ion:152 Resp: 17671

Ion Ratio Lower Upper

152 100

150 154.1 121.7 182.5

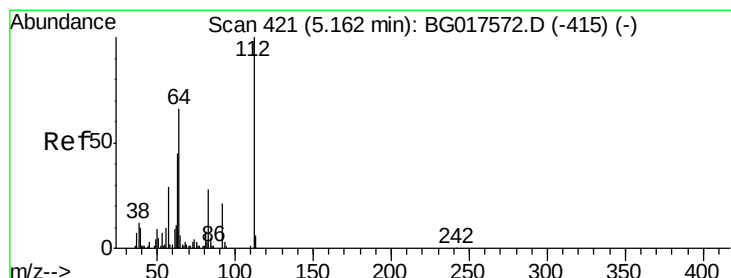
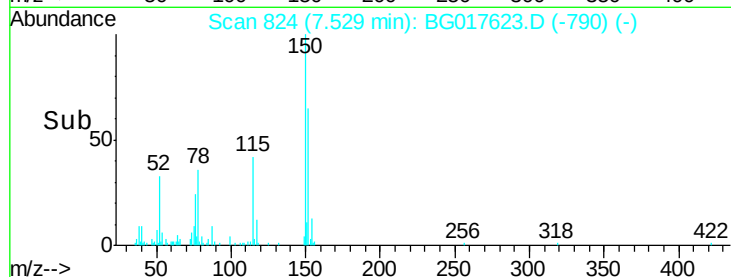
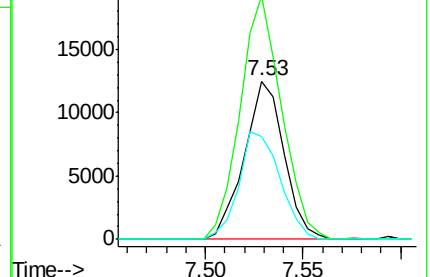
115 64.8 48.6 73.0



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: 75.33 ng

RT: 5.12 min Scan# 414

Delta R.T. 0.01 min

Lab File: BG017623.D

Acq: 11 Jun 2015 23:23

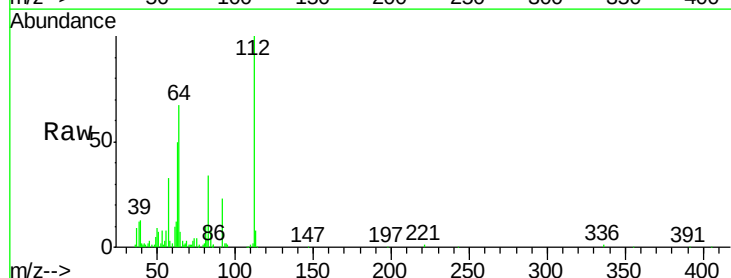
Tgt Ion:112 Resp: 75554

Ion Ratio Lower Upper

112 100

64 66.6 51.6 77.4

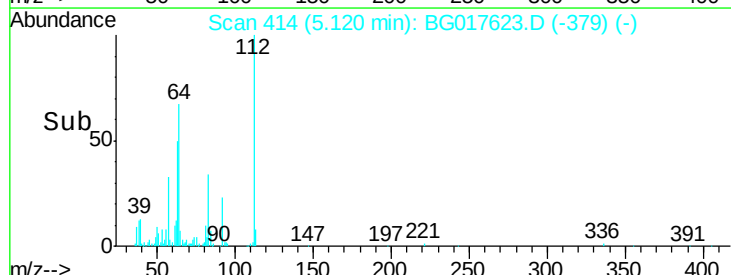
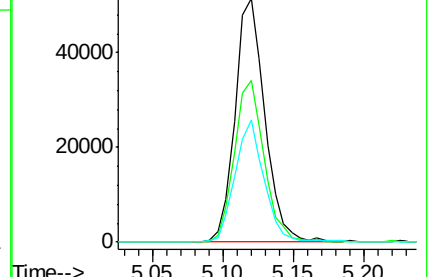
63 50.0 33.3 49.9#

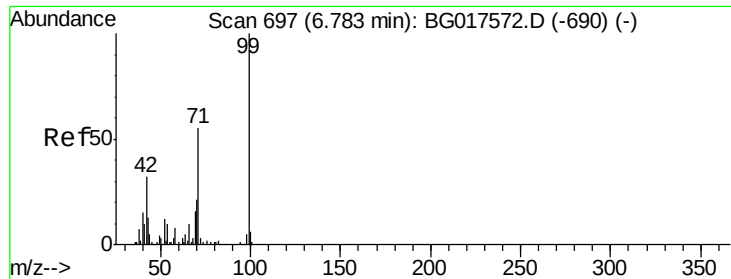


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 49.48 ng

RT: 6.74 min Scan# 689

Delta R.T. -0.00 min

Lab File: BG017623.D

Acq: 11 Jun 2015 23:23

Instrument :

BNA_G

ClientSampleId :

MW-7

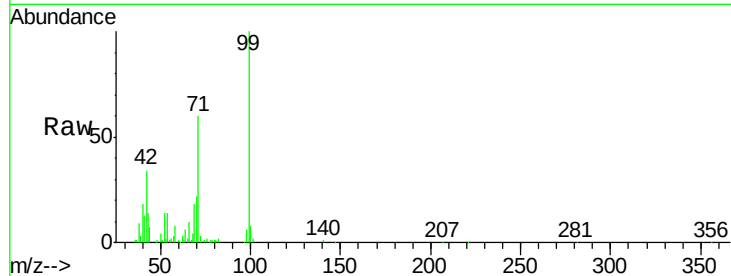
Tgt Ion: 99 Resp: 67611

Ion Ratio Lower Upper

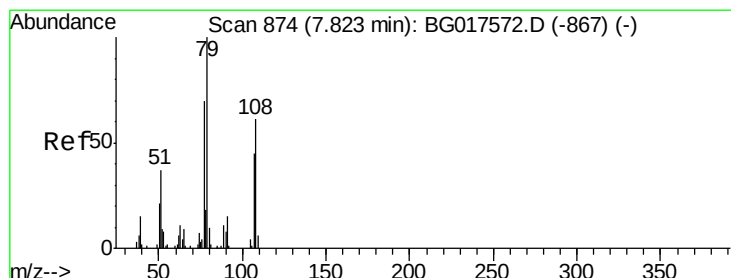
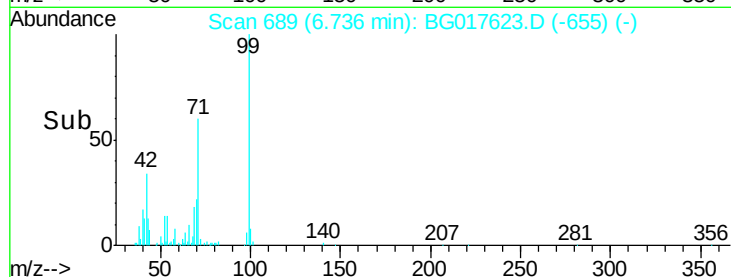
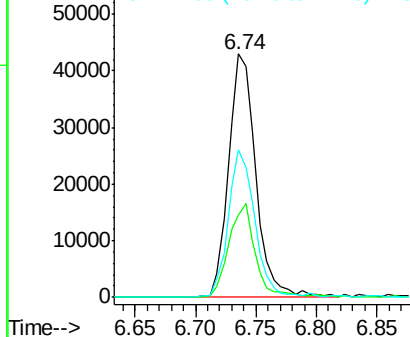
99 100

42 33.8 21.0 31.6#

71 60.4 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



#15

Benzyl Alcohol

Concen: 2.67 ng

RT: 7.85 min Scan# 879

Delta R.T. 0.07 min

Lab File: BG017623.D

Acq: 11 Jun 2015 23:23

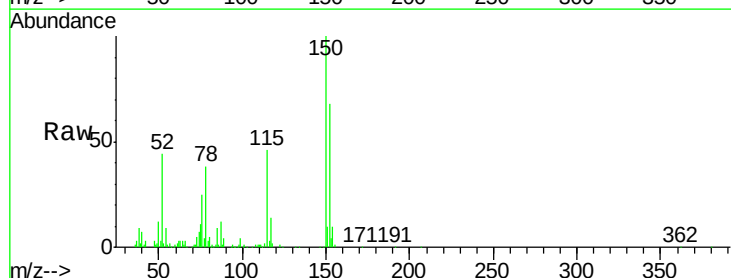
Tgt Ion: 79 Resp: 3398

Ion Ratio Lower Upper

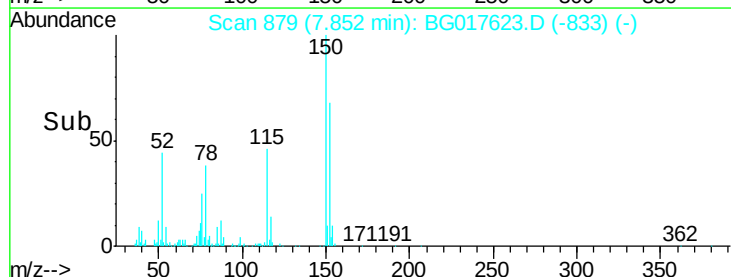
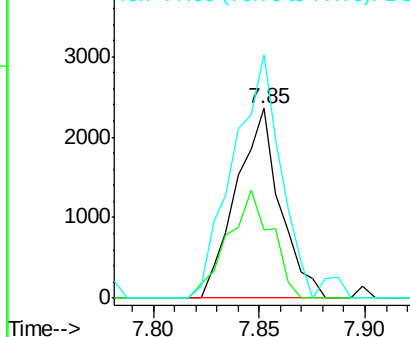
79 100

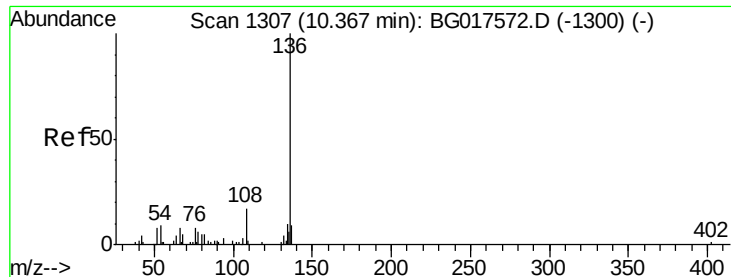
108 35.9 53.7 80.5#

77 128.4 53.0 79.4#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

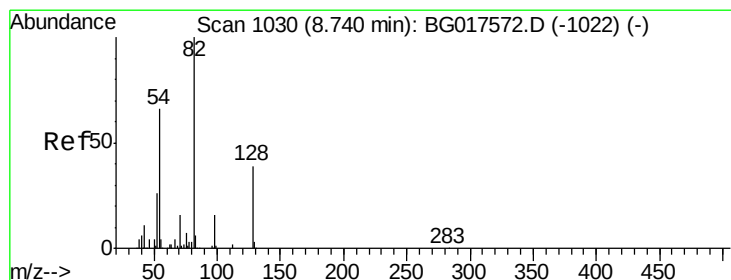
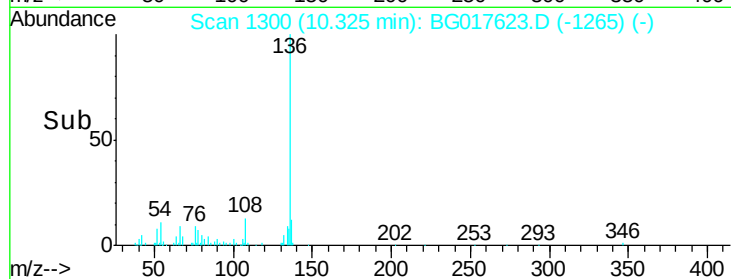
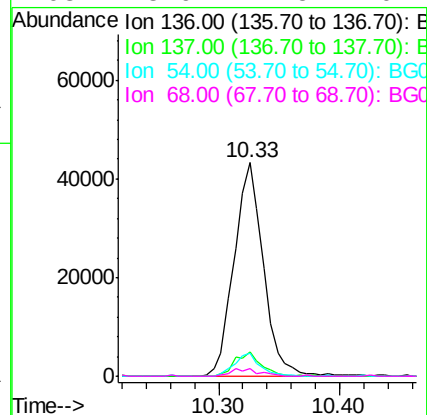
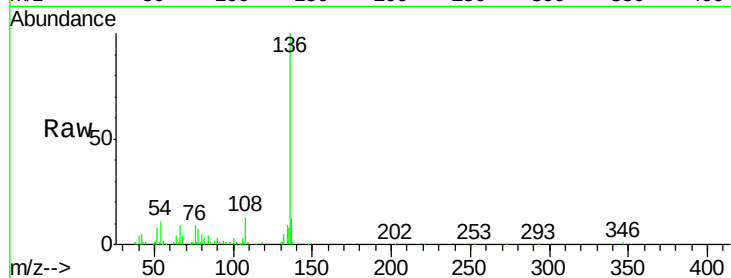




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.33 min Scan# 1300
Delta R.T. 0.01 min
Lab File: BG017623.D
Acq: 11 Jun 2015 23:23

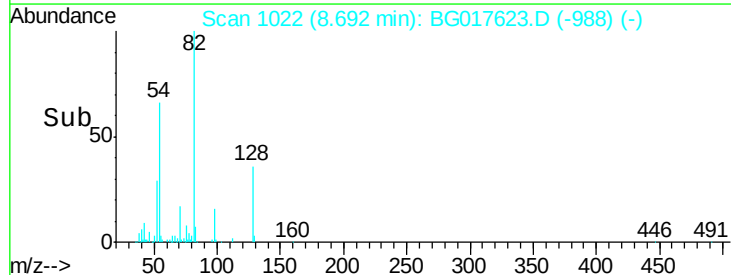
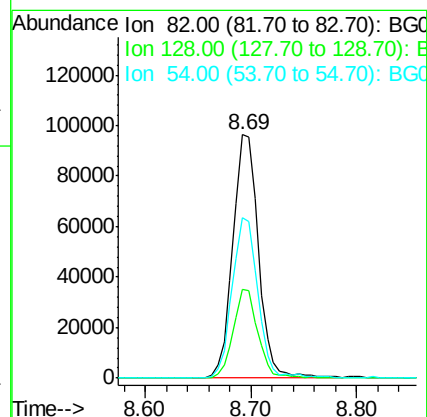
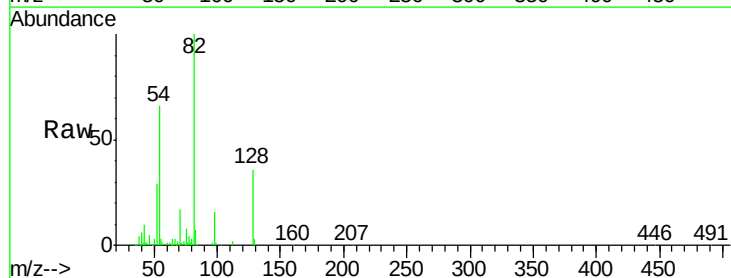
Instrument :
BNA_G
ClientSampleId :
MW-7

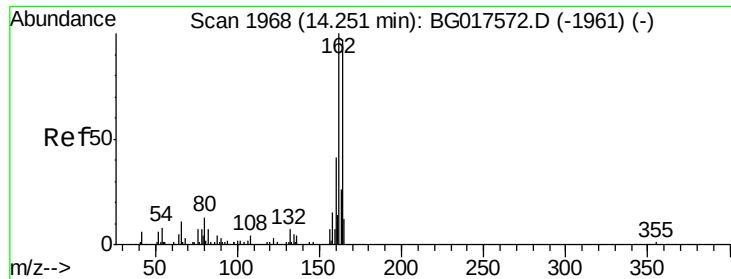
Tgt Ion:	136	Resp:	73091
Ion	Ratio	Lower	Upper
136	100		
137	11.7	7.9	11.9
54	10.6	7.2	10.8
68	3.9	4.5	6.7#



#23
Nitrobenzene-d5
Concen: 110.51 ng
RT: 8.69 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BG017623.D
Acq: 11 Jun 2015 23:23

Tgt Ion:	82	Resp:	161803
Ion	Ratio	Lower	Upper
82	100		
128	36.5	32.2	48.4
54	65.7	47.4	71.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.21 min Scan# 1961

Delta R.T. -0.00 min

Lab File: BG017623.D

Acq: 11 Jun 2015 23:23

Instrument :

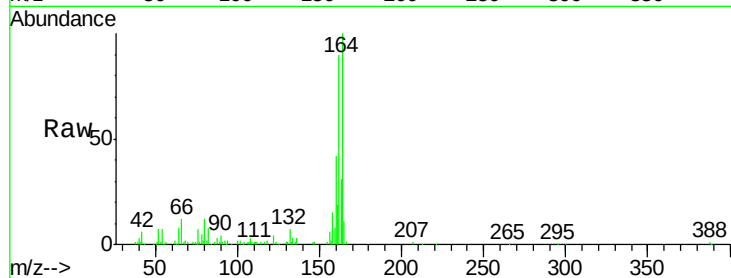
BNA_G

ClientSampleId :

MW-7

Tgt Ion:164 Resp: 57917

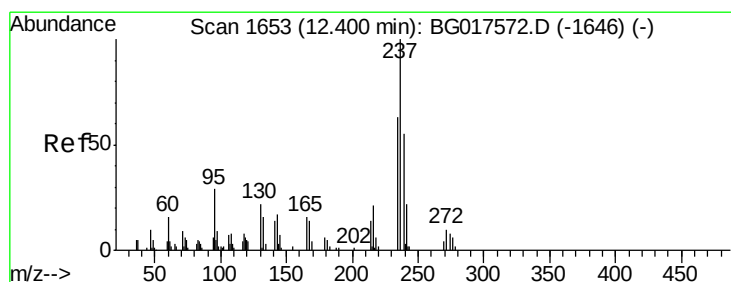
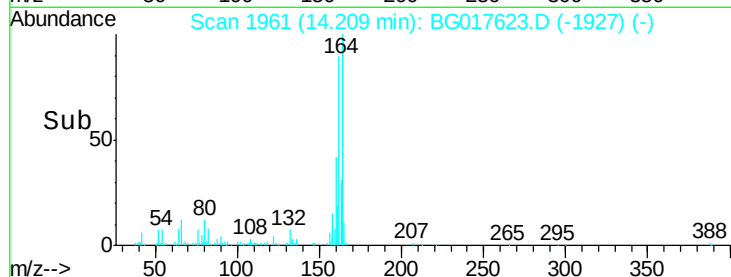
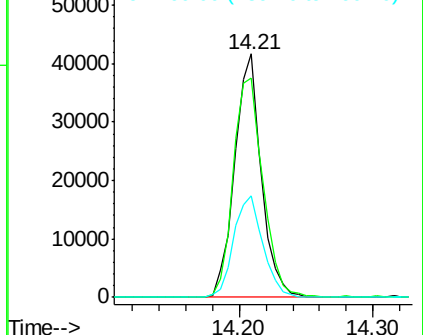
Ion	Ratio	Lower	Upper
164	100		
162	90.0	81.8	122.6
160	41.5	31.0	46.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

Hexachlorocyclopentadiene

Concen: 6.87 ng

RT: 12.44 min Scan# 1660

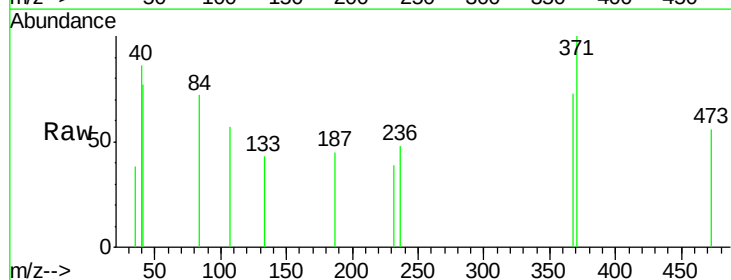
Delta R.T. 0.09 min

Lab File: BG017623.D

Acq: 11 Jun 2015 23:23

Tgt Ion:237 Resp: 68

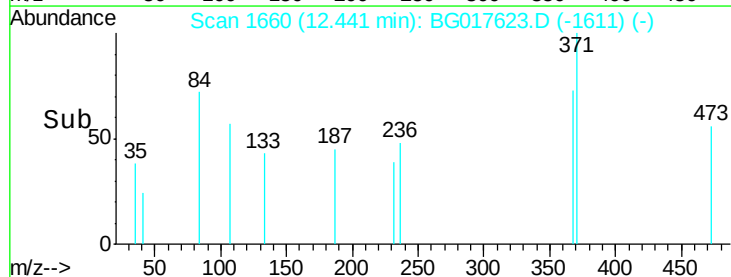
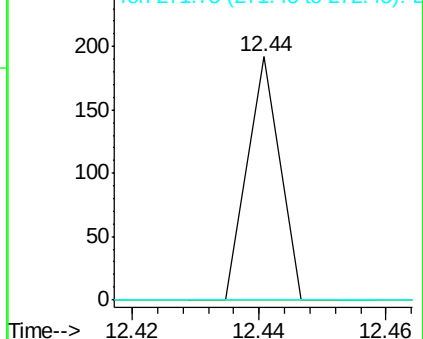
Ion	Ratio	Lower	Upper
237	100		
235	0.0	42.3	82.3#
272	0.0	0.0	31.2

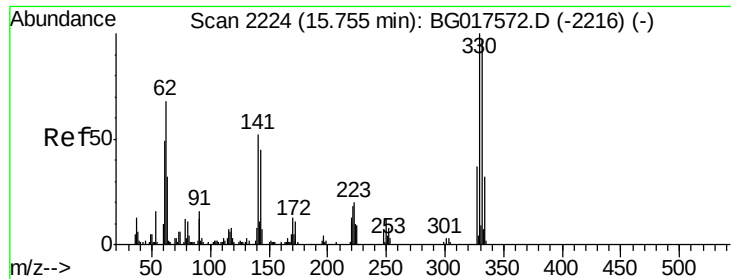


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

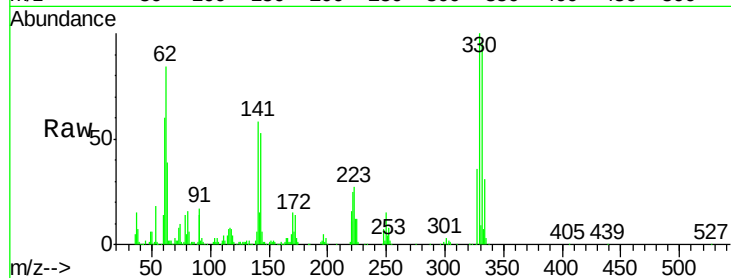




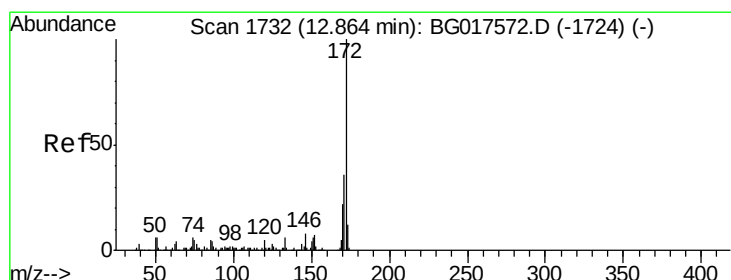
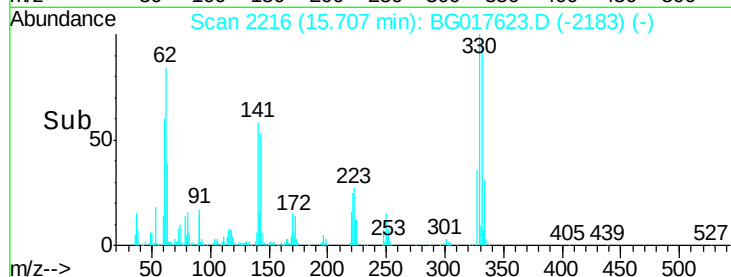
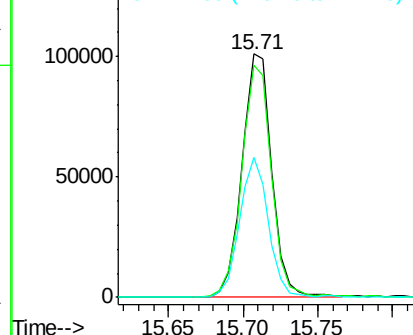
#41
2,4,6-Tribromophenol
Concen: 174.05 ng
RT: 15.71 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BG017623.D
Acq: 11 Jun 2015 23:23

Instrument :
BNA_G
ClientSampleId :
MW-7

Tgt Ion:330 Resp: 140016
Ion Ratio Lower Upper
330 100
332 95.6 75.9 113.9
141 56.0 40.2 60.4

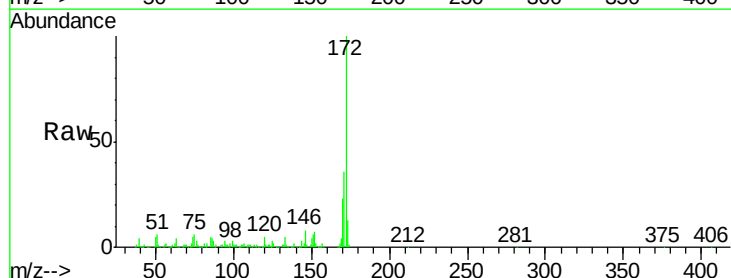


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

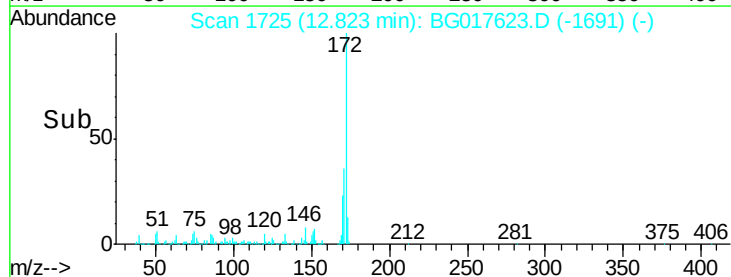
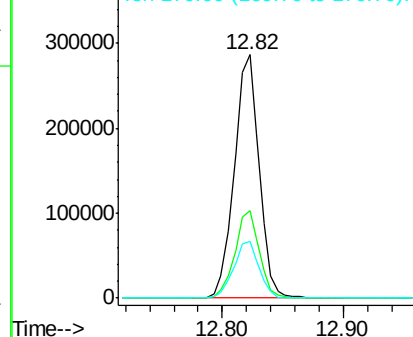


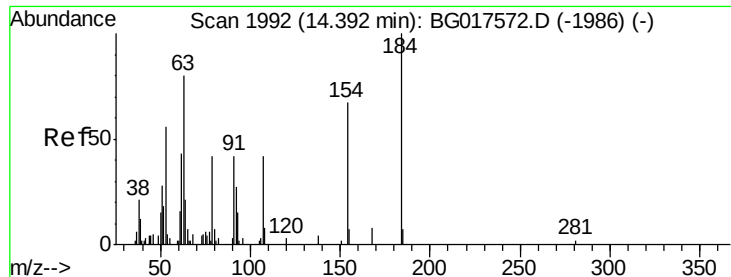
#44
2-Fluorobiphenyl
Concen: 106.92 ng
RT: 12.82 min Scan# 1725
Delta R.T. -0.00 min
Lab File: BG017623.D
Acq: 11 Jun 2015 23:23

Tgt Ion:172 Resp: 410493
Ion Ratio Lower Upper
172 100
171 36.2 29.0 43.6
170 23.1 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

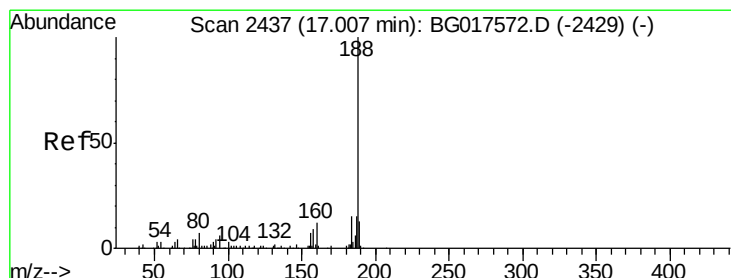
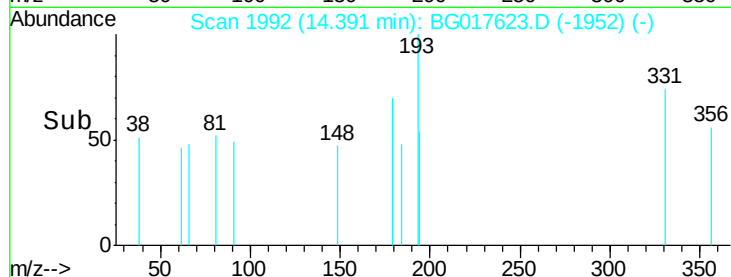
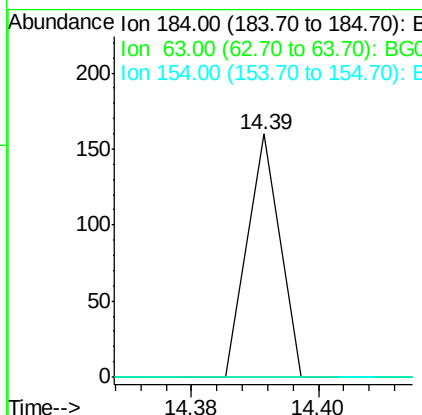
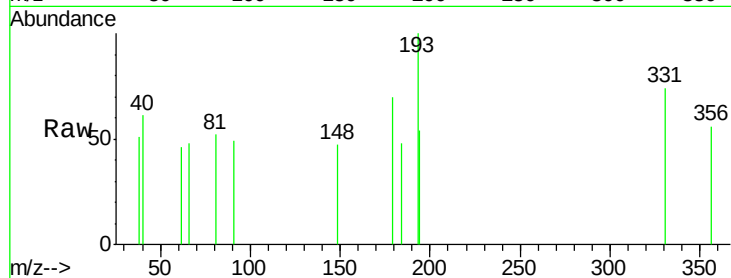




#53
2,4-Dinitrophenol
Concen: 7.09 ng
RT: 14.39 min Scan# 1992
Delta R.T. 0.03 min
Lab File: BG017623.D
Acq: 11 Jun 2015 23:23

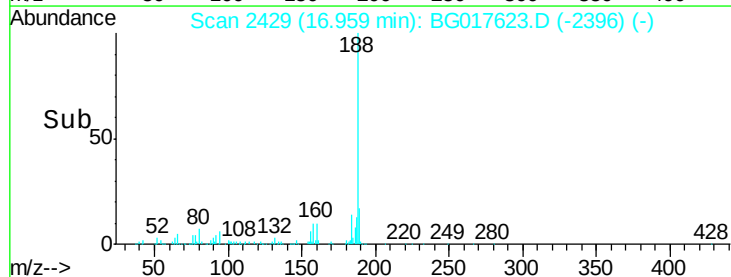
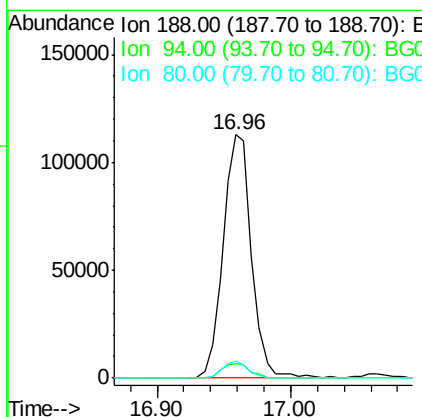
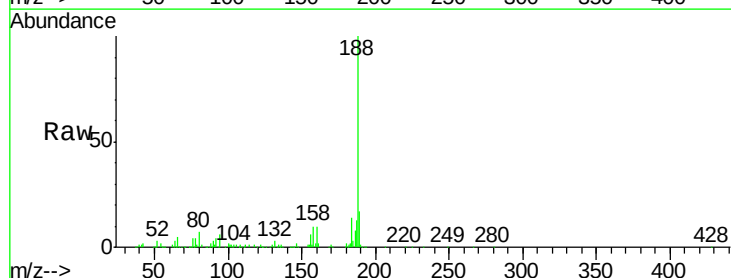
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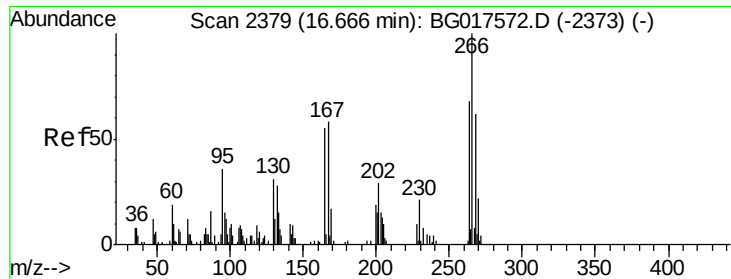
Tgt Ion:184 Resp: 56
Ion Ratio Lower Upper
184 100
63 0.0 61.5 92.3#
154 0.0 53.8 80.8#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.96 min Scan# 2429
Delta R.T. -0.01 min
Lab File: BG017623.D
Acq: 11 Jun 2015 23:23

Tgt Ion:188 Resp: 167727
Ion Ratio Lower Upper
188 100
94 6.1 6.3 9.5#
80 6.7 5.2 7.8

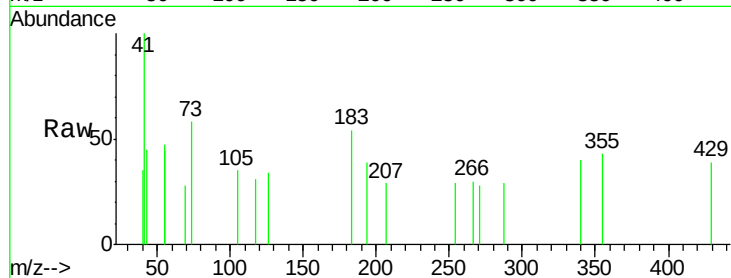




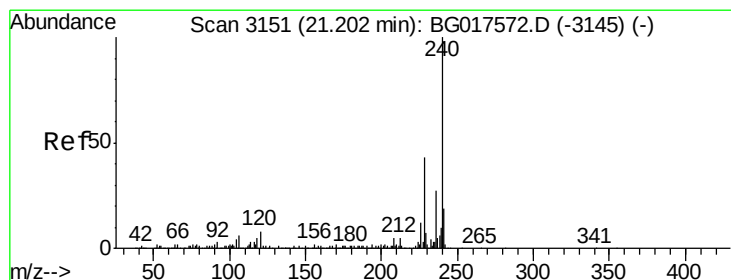
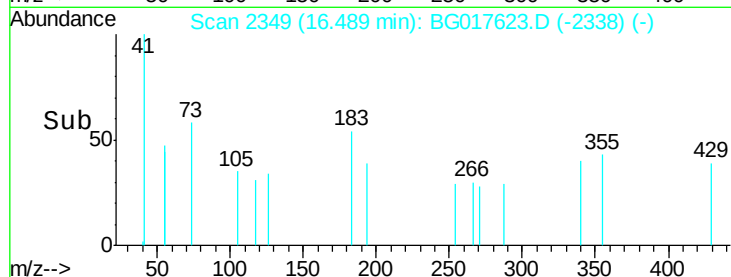
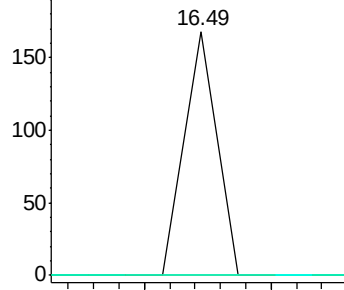
#69
 Pentachlorophenol
 Concen: 5.54 ng
 RT: 16.49 min Scan# 2349
 Delta R.T. -0.14 min
 Lab File: BG017623.D
 Acq: 11 Jun 2015 23:23

Instrument :
 BNA_G
 ClientSampleId :
 MW-7

Tgt Ion: 266 Resp: 59
 Ion Ratio Lower Upper
 266 100
 268 0.0 47.0 70.6#
 264 0.0 45.7 68.5#

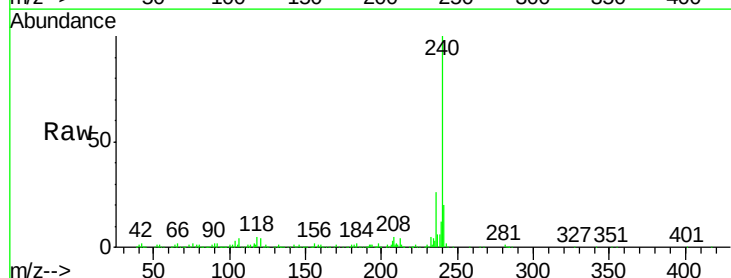


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

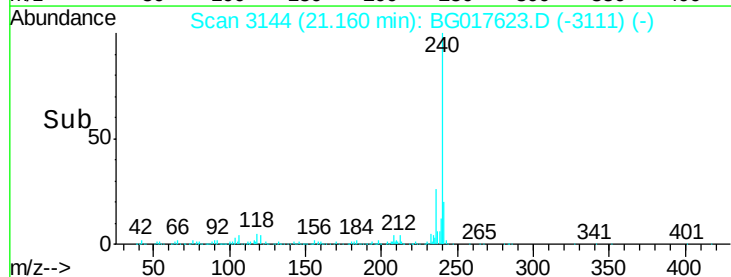
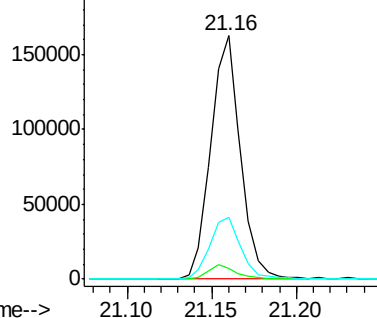


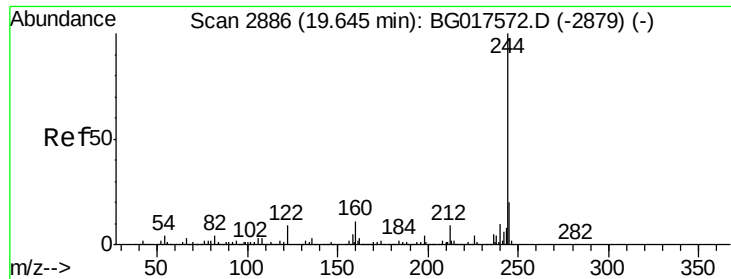
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.16 min Scan# 3144
 Delta R.T. -0.01 min
 Lab File: BG017623.D
 Acq: 11 Jun 2015 23:23

Tgt Ion: 240 Resp: 198424
 Ion Ratio Lower Upper
 240 100
 120 4.4 6.5 9.7#
 236 25.5 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: 97.84 ng

RT: 19.60 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG017623.D

Acq: 11 Jun 2015 23:23

Instrument :

BNA_G

ClientSampleId :

MW-7

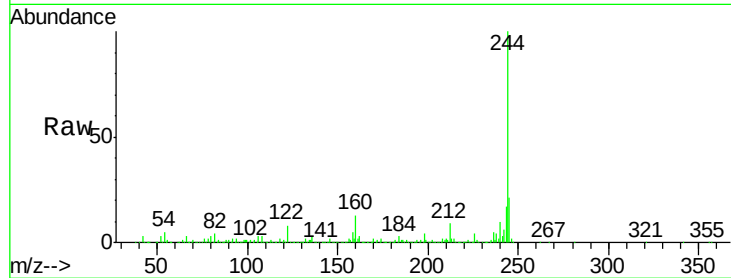
Tgt Ion:244 Resp: 939330

Ion Ratio Lower Upper

244 100

212 9.4 6.4 9.6

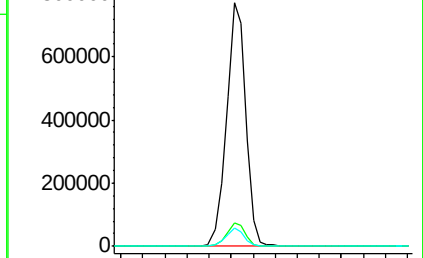
122 7.7 6.6 10.0



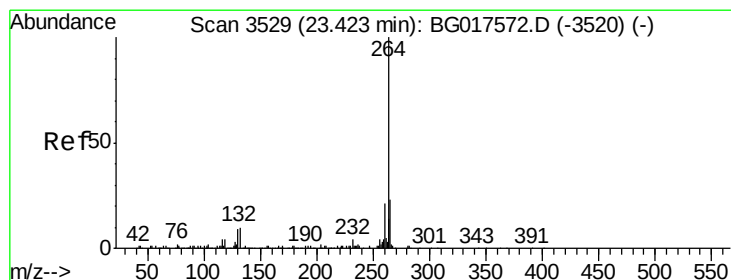
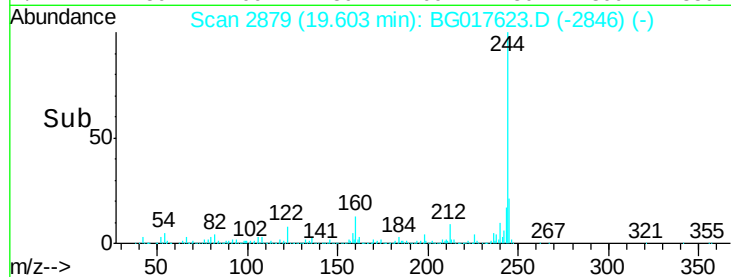
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 19.50 19.60 19.70



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.36 min Scan# 3518

Delta R.T. -0.01 min

Lab File: BG017623.D

Acq: 11 Jun 2015 23:23

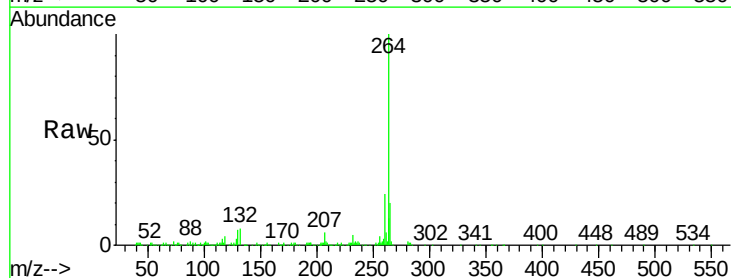
Tgt Ion:264 Resp: 179492

Ion Ratio Lower Upper

264 100

260 24.3 18.2 27.4

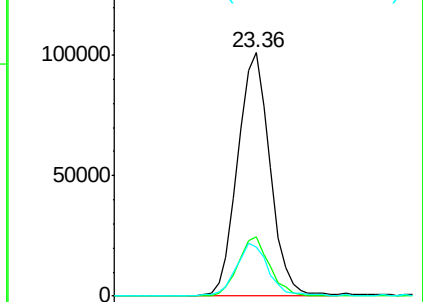
265 20.1 15.8 23.6



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



Time--> 23.30 23.40

