

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061215\
 Data File : BG017657.D
 Acq On : 13 Jun 2015 4:19
 Operator : TP/IZ
 Sample : G2627-15
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-28

Quant Time: Jun 13 05:10:50 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG061215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 13 05:04:30 2015
 Response via : Initial Calibration

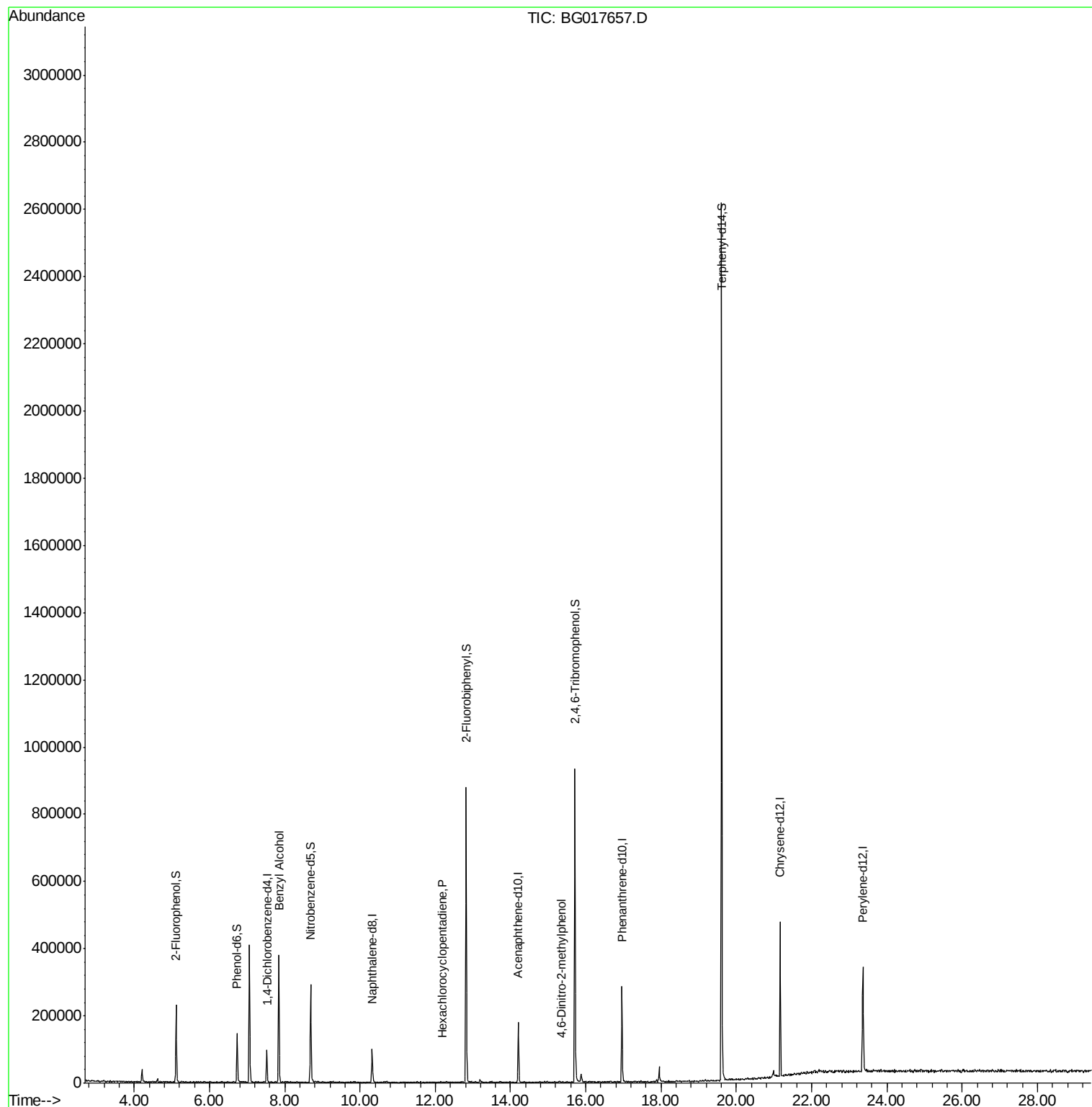
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	19226	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	63606	20.00	ng	0.00
38) Acenaphthene-d10	14.21	164	51981	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	149132	20.00	ng	0.00
75) Chrysene-d12	21.16	240	222019	20.00	ng	0.00
86) Perylene-d12	23.36	264	221888	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	72386	72.92	ng	0.00
7) Phenol-d6	6.73	99	63676	43.78	ng	0.00
23) Nitrobenzene-d5	8.69	82	151736	100.14	ng	0.00
41) 2,4,6-Tribromophenol	15.71	330	144576	161.13	ng	0.00
44) 2-Fluorobiphenyl	12.82	172	370186	98.50	ng	0.00
78) Terphenyl-d14	19.61	244	971449	91.28	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.84	79	4149	2.59	ng	# 46
40) Hexachlorocyclopentadiene	12.20	237	85	5.14	ng	# 25
64) 4,6-Dinitro-2-methylphenol	15.35	198	90	5.32	ng	# 39

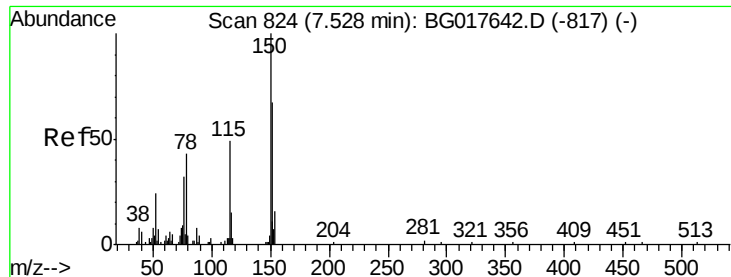
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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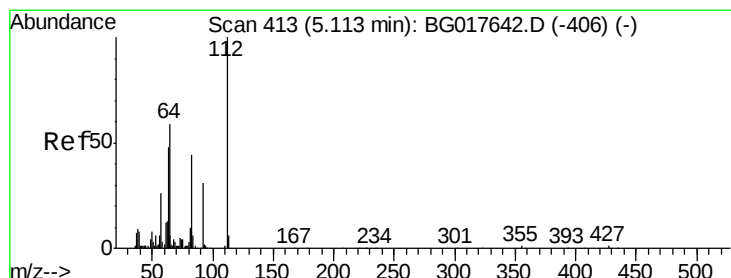
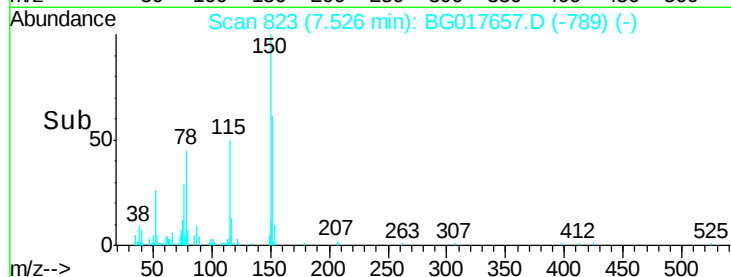
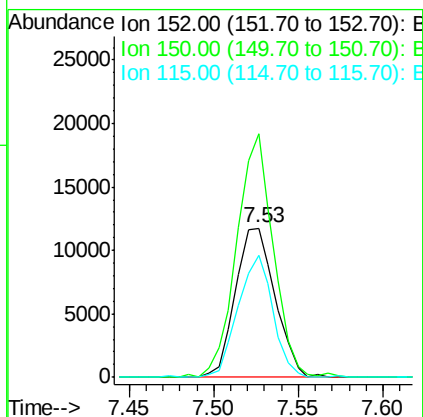
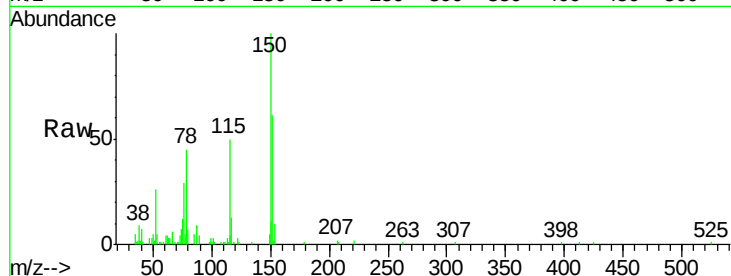


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.53 min Scan# 823
Delta R.T. 0.00 min
Lab File: BG017657.D
Acq: 13 Jun 2015 4:19

Instrument :
BNA_G
ClientSampleId :
MW-28

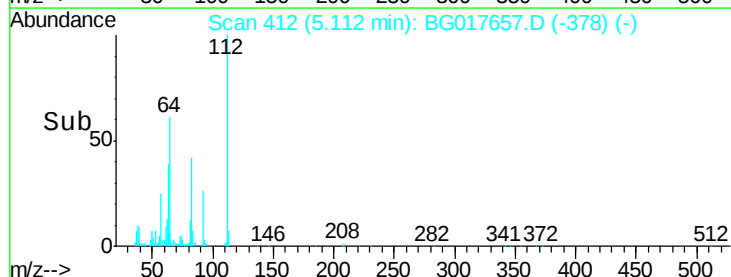
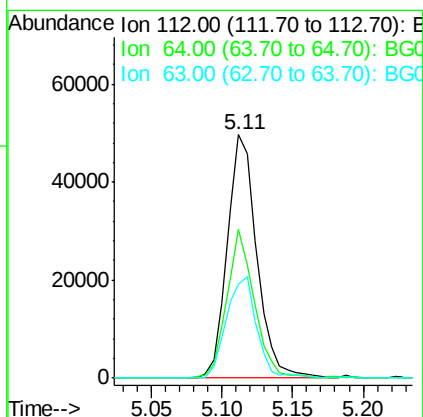
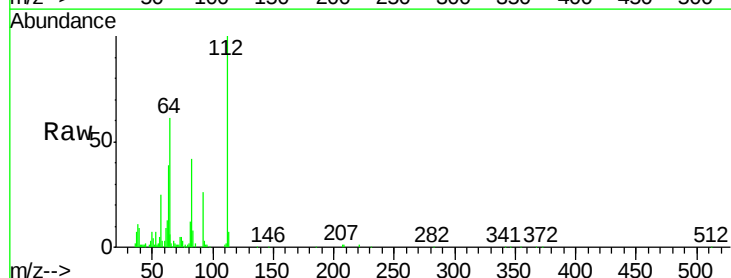
Tgt Ion:152 Resp: 19226
Ion Ratio Lower Upper
152 100
150 162.9 119.4 179.0
115 81.5 58.2 87.2

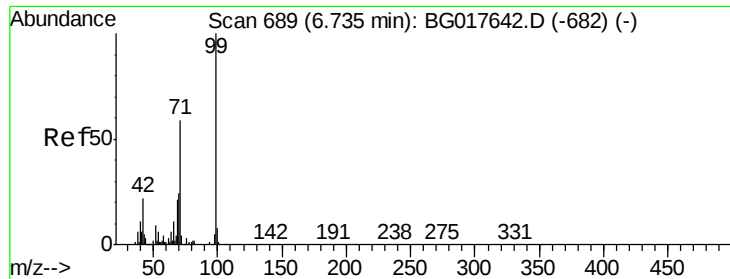


#5

2-Fluorophenol
Concen: 72.92 ng
RT: 5.11 min Scan# 412
Delta R.T. 0.00 min
Lab File: BG017657.D
Acq: 13 Jun 2015 4:19

Tgt Ion:112 Resp: 72386
Ion Ratio Lower Upper
112 100
64 61.2 47.0 70.6
63 38.7 38.6 58.0





#7

Phenol-d6

Concen: 43.78 ng

RT: 6.73 min Scan# 688

Delta R.T. 0.00 min

Lab File: BG017657.D

Acq: 13 Jun 2015 4:19

Instrument :

BNA_G

ClientSampleId :

MW-28

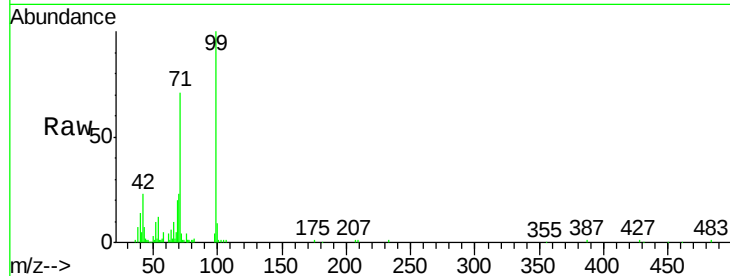
Tgt Ion: 99 Resp: 63676

Ion Ratio Lower Upper

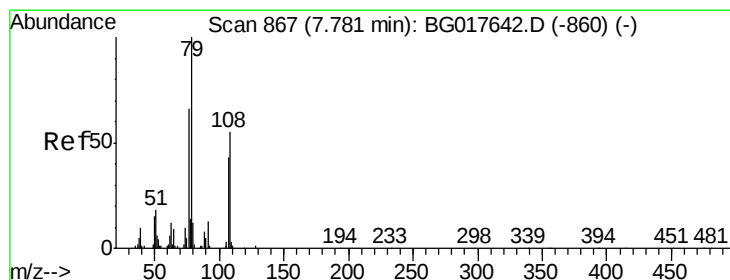
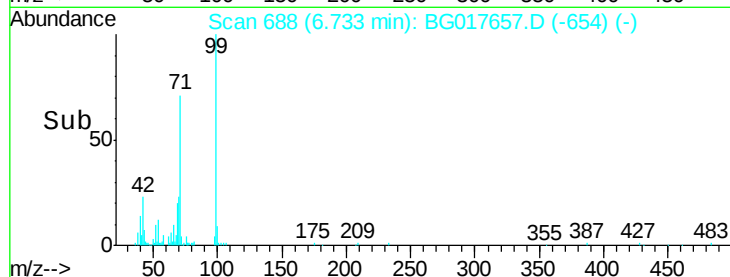
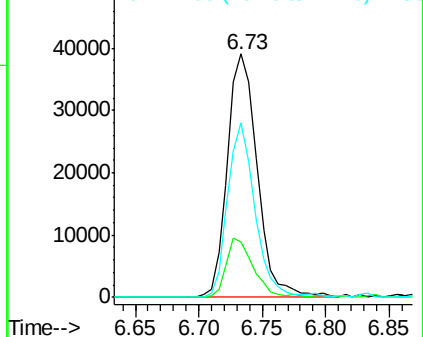
99 100

42 22.7 17.4 26.2

71 71.5 47.4 71.0#



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: 2.59 ng

RT: 7.84 min Scan# 877

Delta R.T. 0.07 min

Lab File: BG017657.D

Acq: 13 Jun 2015 4:19

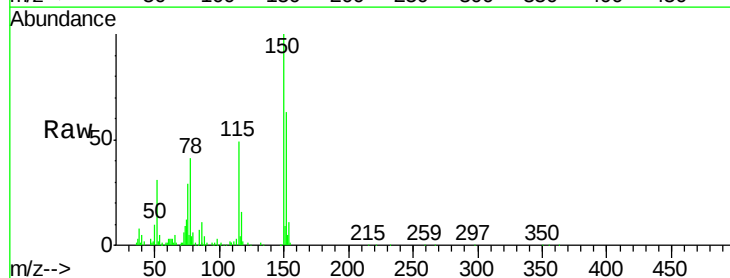
Tgt Ion: 79 Resp: 4149

Ion Ratio Lower Upper

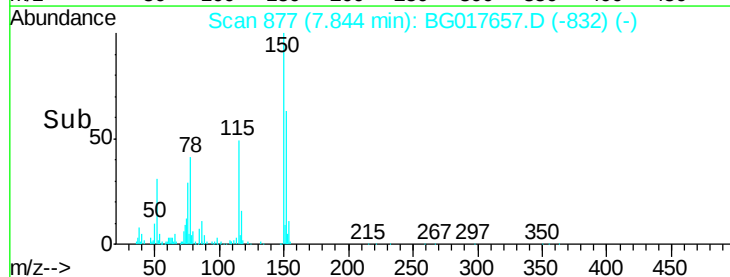
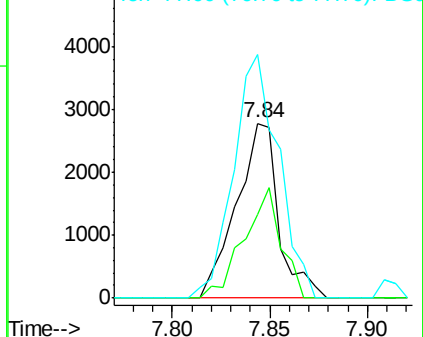
79 100

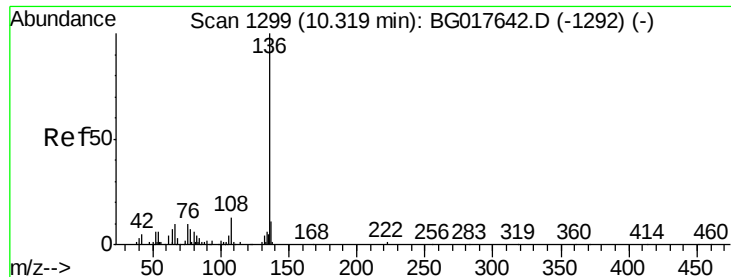
108 48.2 44.6 67.0

77 139.4 53.1 79.7#



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

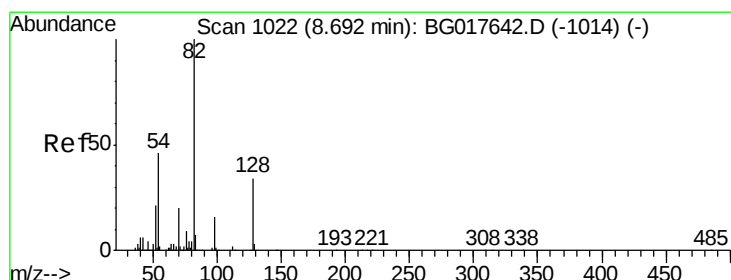
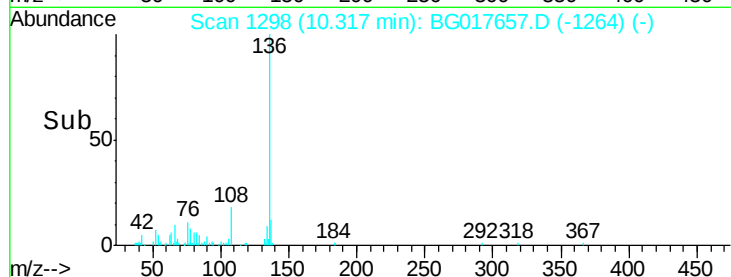
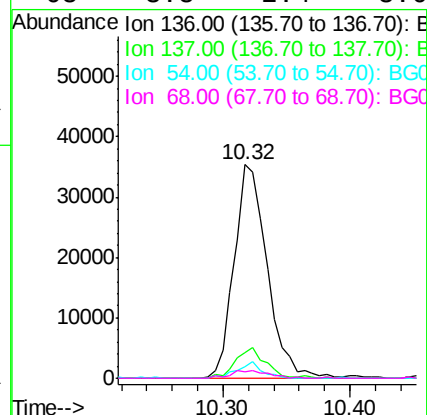
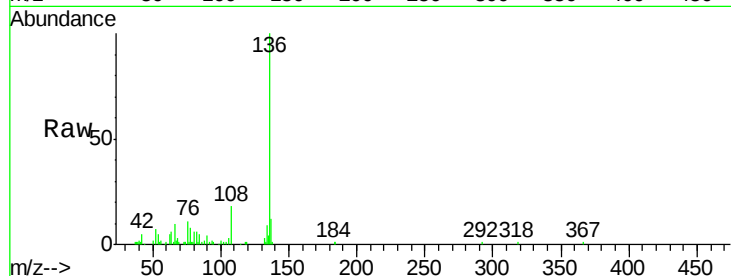




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.32 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BG017657.D
Acq: 13 Jun 2015 4:19

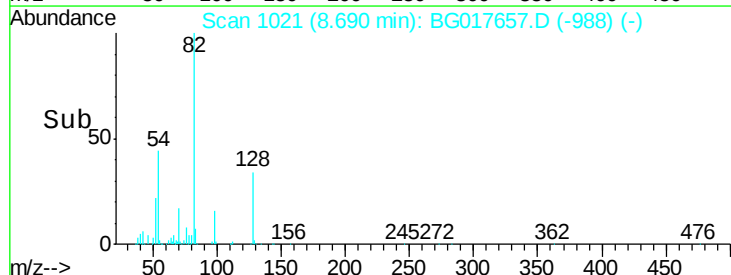
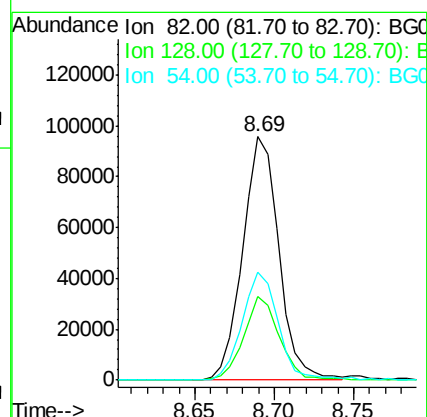
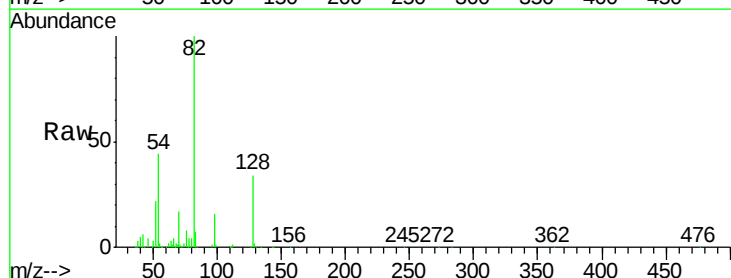
Instrument :
BNA_G
ClientSampled :
MW-28

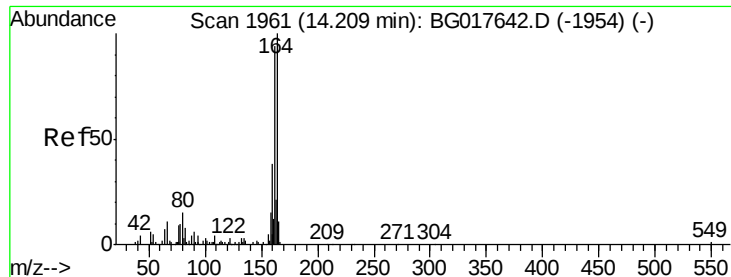
Tgt Ion: 136 Resp: 63606
Ion Ratio Lower Upper
136 100
137 12.0 8.7 13.1
54 5.5 4.7 7.1
68 3.8 2.4 3.6#



#23
Nitrobenzene-d5
Concen: 100.14 ng
RT: 8.69 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG017657.D
Acq: 13 Jun 2015 4:19

Tgt Ion: 82 Resp: 151736
Ion Ratio Lower Upper
82 100
128 34.2 27.3 40.9
54 44.2 37.0 55.4





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.21 min Scan# 1960

Delta R.T. 0.00 min

Lab File: BG017657.D

Acq: 13 Jun 2015 4:19

Instrument :

BNA_G

ClientSampleId :

MW-28

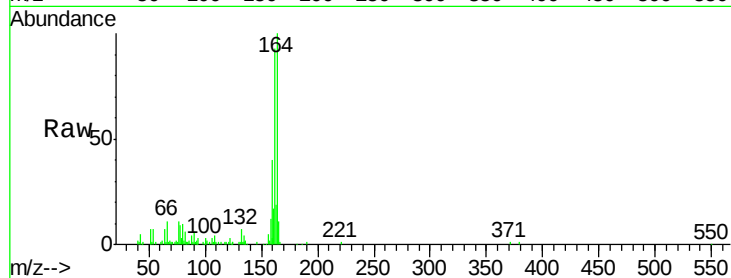
Tgt Ion:164 Resp: 51981

Ion Ratio Lower Upper

164 100

162 93.3 75.0 112.4

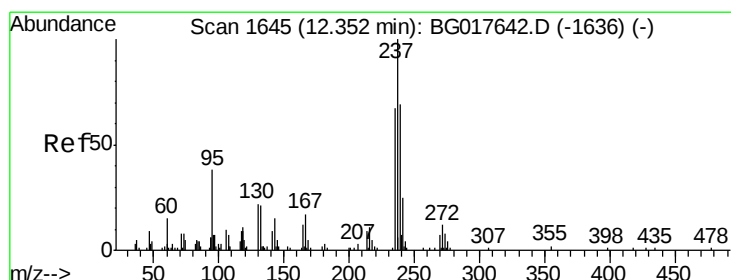
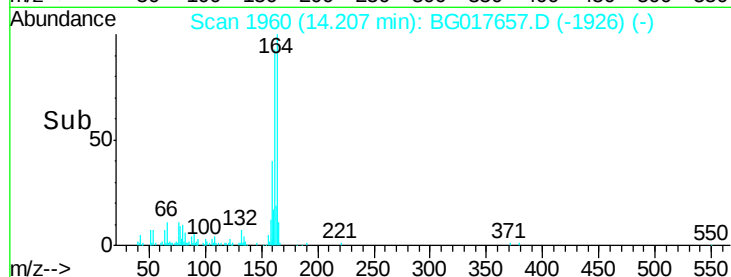
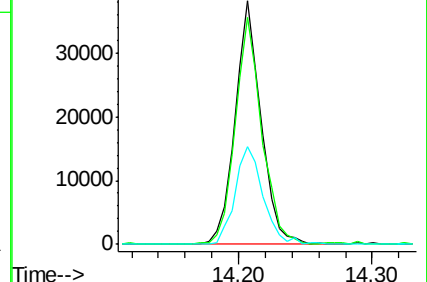
160 40.2 30.3 45.5



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: 5.14 ng

RT: 12.20 min Scan# 1619

Delta R.T. -0.15 min

Lab File: BG017657.D

Acq: 13 Jun 2015 4:19

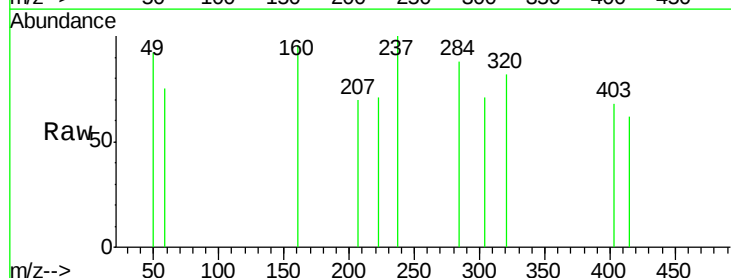
Tgt Ion:237 Resp: 85

Ion Ratio Lower Upper

237 100

235 0.0 46.6 86.6#

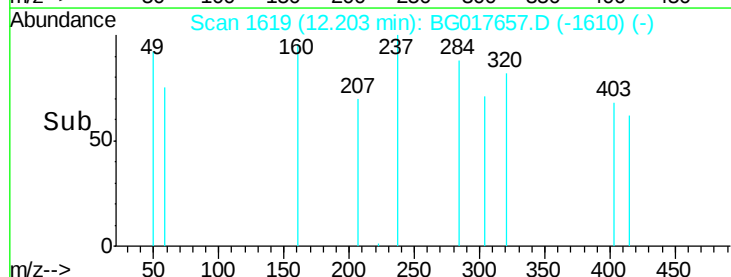
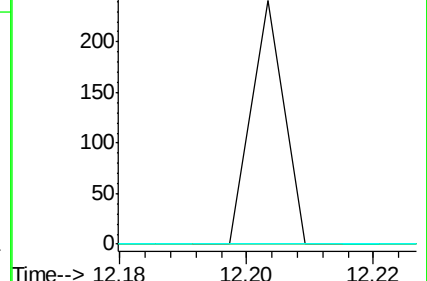
272 0.0 0.0 32.3

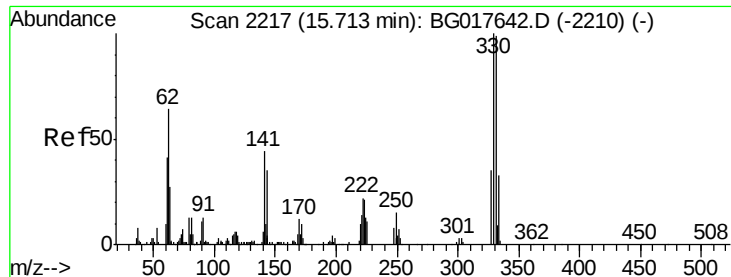


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 161.13 ng

RT: 15.71 min Scan# 2216

Delta R.T. 0.00 min

Lab File: BG017657.D

Acq: 13 Jun 2015 4:19

Instrument :

BNA_G

ClientSampleId :

MW-28

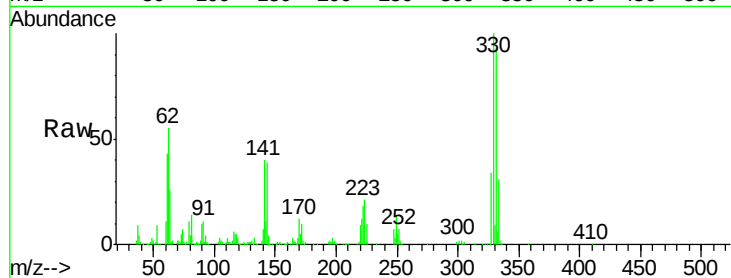
Tgt Ion:330 Resp: 144576

Ion Ratio Lower Upper

330 100

332 98.5 76.6 114.8

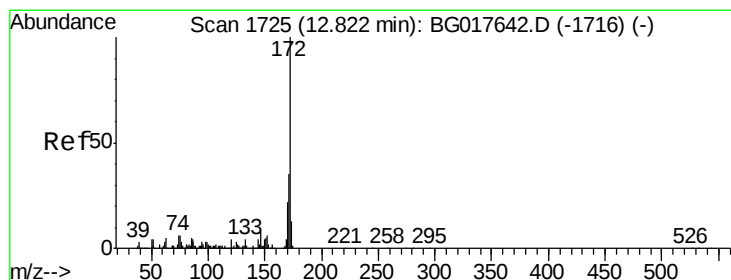
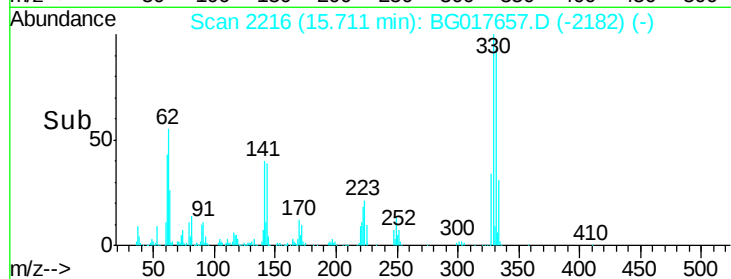
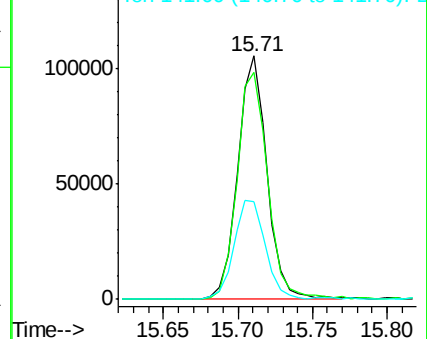
141 43.6 34.6 51.8



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: 98.50 ng

RT: 12.82 min Scan# 1724

Delta R.T. 0.00 min

Lab File: BG017657.D

Acq: 13 Jun 2015 4:19

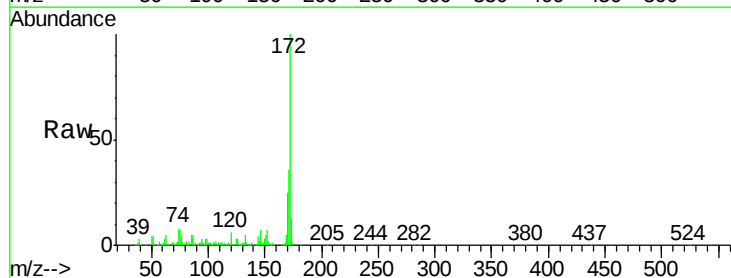
Tgt Ion:172 Resp: 370186

Ion Ratio Lower Upper

172 100

171 36.3 28.2 42.2

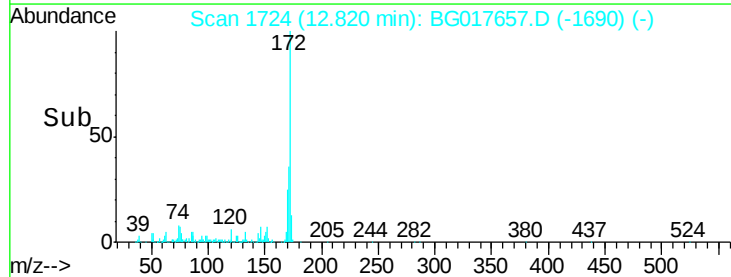
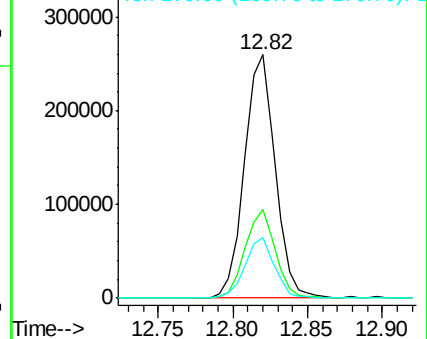
170 24.6 17.4 26.2

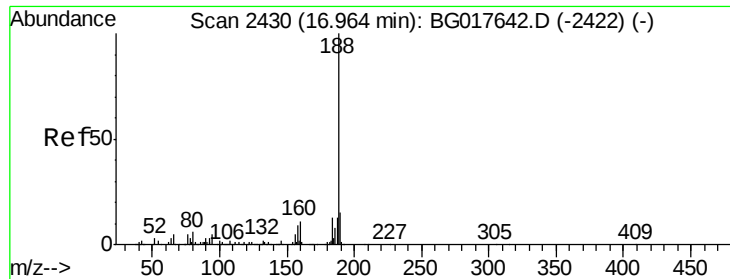


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

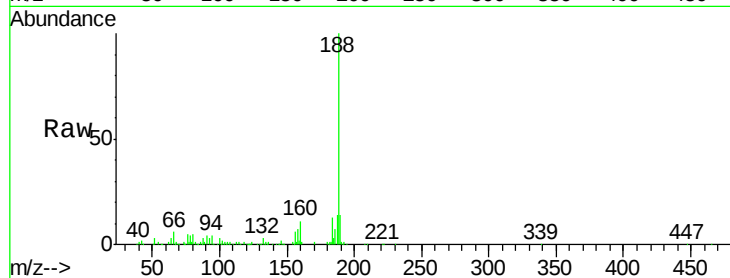




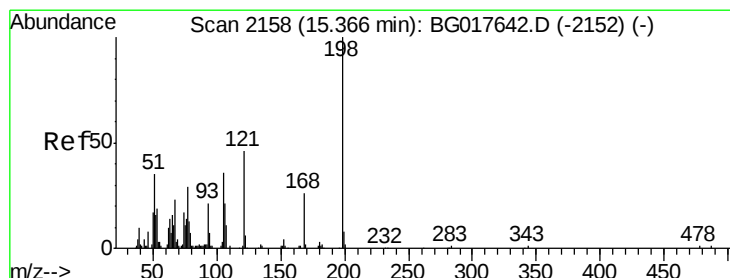
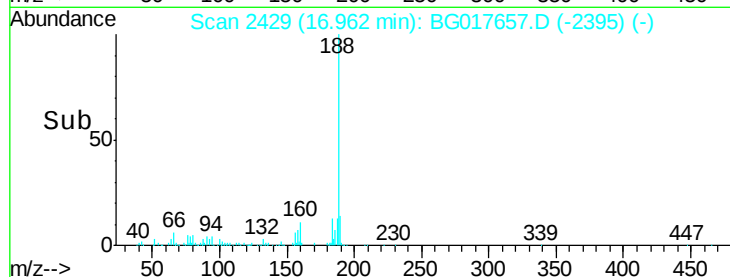
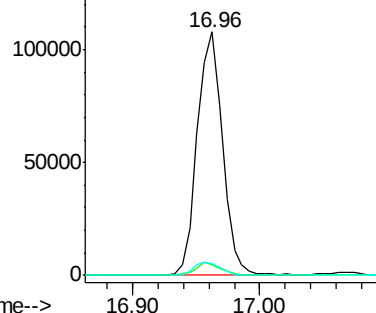
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.96 min Scan# 2429
Delta R.T. 0.00 min
Lab File: BG017657.D
Acq: 13 Jun 2015 4:19

Instrument :
BNA_G
ClientSampleId :
MW-28

Tgt Ion	Ratio	Lower	Upper
188	100		
94	4.5	3.9	5.9
80	4.7	5.0	7.6#

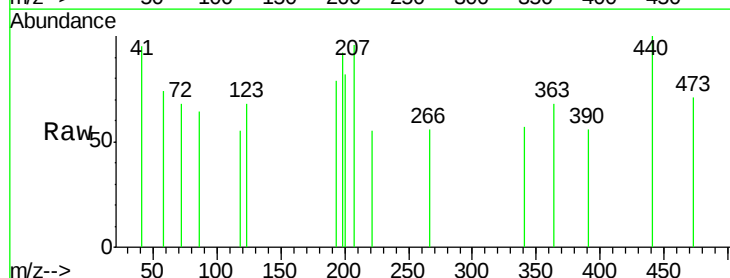


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

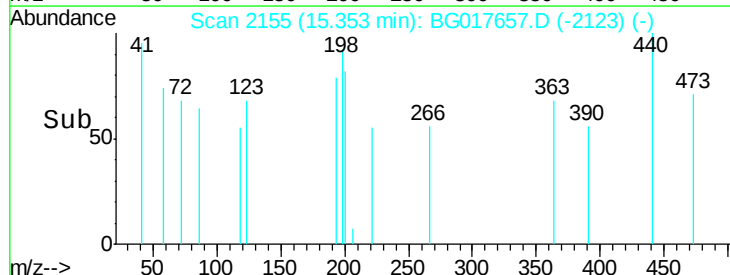
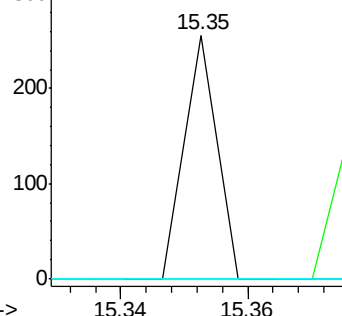


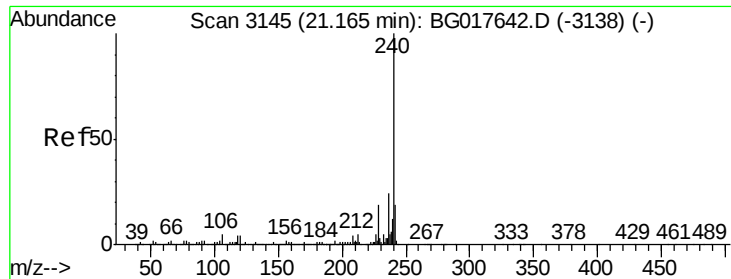
#64
4,6-Dinitro-2-methylphenol
Concen: 5.32 ng
RT: 15.35 min Scan# 2155
Delta R.T. -0.01 min
Lab File: BG017657.D
Acq: 13 Jun 2015 4:19

Tgt Ion	Ratio	Lower	Upper
198	100		
51	0.0	16.2	56.2#
105	0.0	15.7	55.7#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BGC
Ion 105.00 (104.70 to 105.70): E

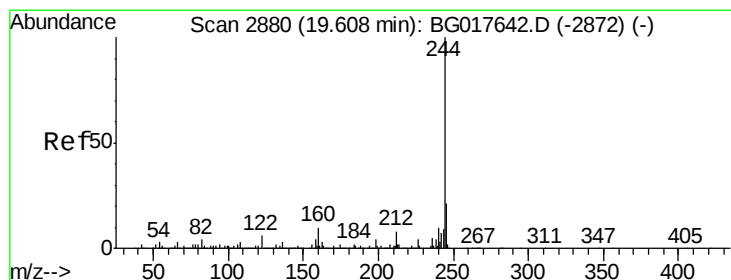
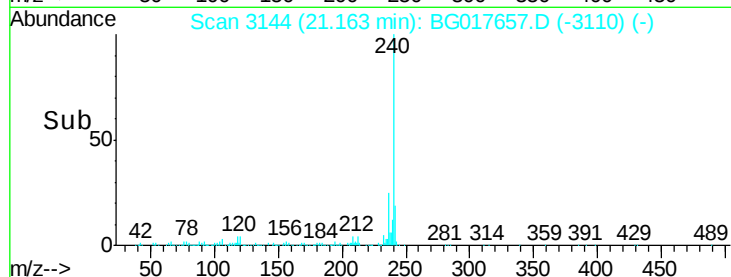
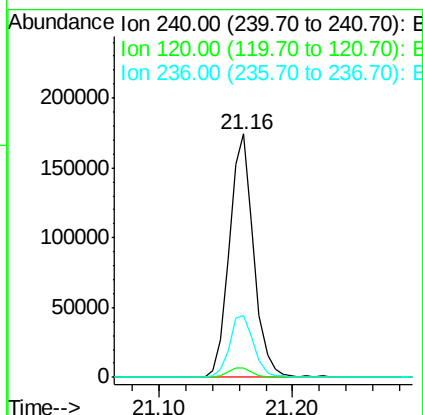
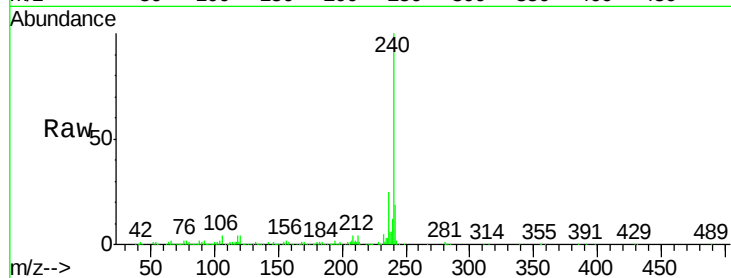




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.16 min Scan# 3144
Delta R.T. 0.00 min
Lab File: BG017657.D
Acq: 13 Jun 2015 4:19

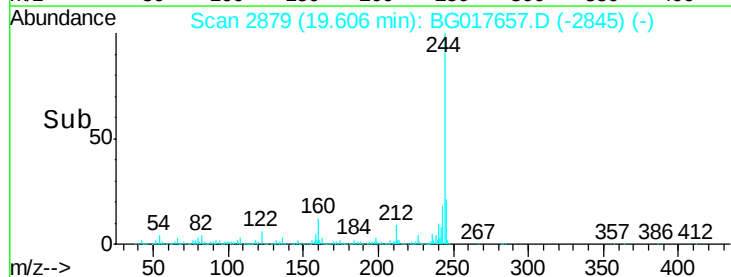
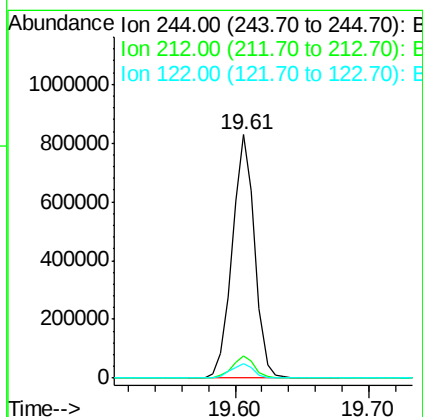
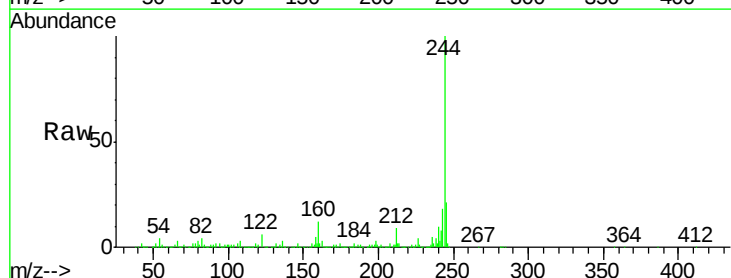
Instrument :
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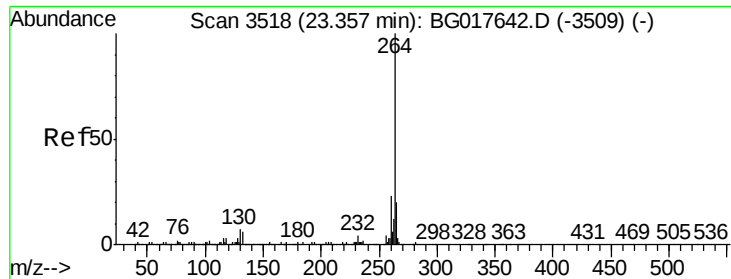
Tgt Ion:240 Resp: 222019
Ion Ratio Lower Upper
240 100
120 3.8 3.5 5.3
236 25.2 19.5 29.3



#78
Terphenyl-d14
Concen: 91.28 ng
RT: 19.61 min Scan# 2879
Delta R.T. 0.00 min
Lab File: BG017657.D
Acq: 13 Jun 2015 4:19

Tgt Ion:244 Resp: 971449
Ion Ratio Lower Upper
244 100
212 8.9 6.3 9.5
122 5.9 4.6 6.8





#86

Perylene-d12

Concen: 20.00 ng

RT: 23.36 min Scan# 3518

Delta R.T. 0.00 min

Lab File: BG017657.D

Acq: 13 Jun 2015 4:19

Instrument :

BNA_G

ClientSampleId :

MW-28

Tgt Ion:264 Resp: 221888

Ion Ratio Lower Upper

264 100

260 23.7 18.3 27.5

265 21.5 16.2 24.2

