

Data Path : Z:\HPCHEM1\BNA_G\Data\BG041315\
 Data File : BG016360.D
 Acq On : 13 Apr 2015 14:57
 Operator : TP/IZ
 Sample : G1822-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 F5-025

Quant Time: Apr 13 17:41:00 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 07 04:17:17 2015
 Response via : Initial Calibration

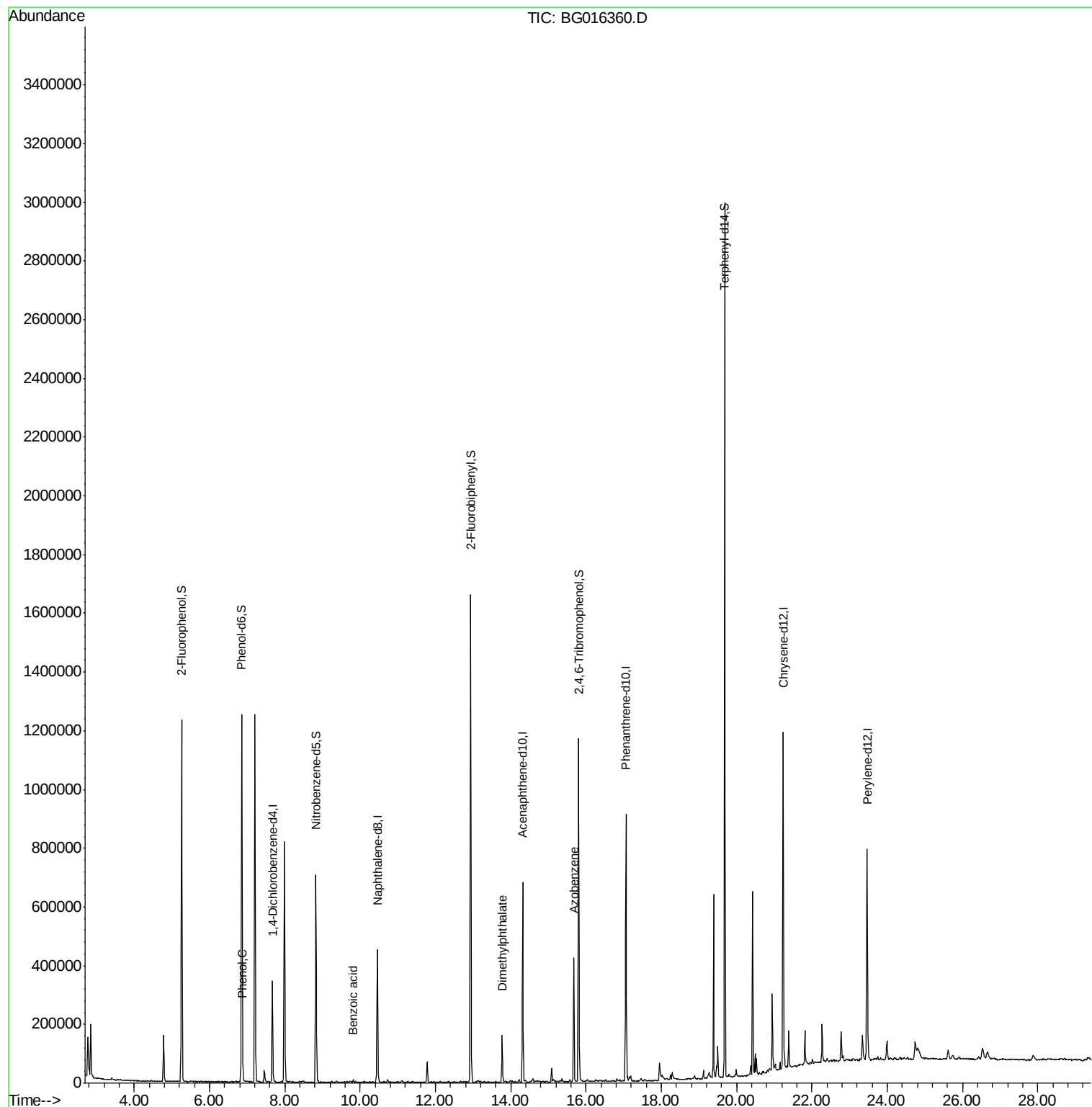
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	89257	20.00	ng	-0.03
21) Naphthalene-d8	10.46	136	389830	20.00	ng	-0.03
38) Acenaphthene-d10	14.32	164	220393	20.00	ng	-0.02
63) Phenanthrene-d10	17.06	188	468619	20.00	ng	-0.02
75) Chrysene-d12	21.24	240	459067	20.00	ng	-0.02
86) Perylene-d12	23.47	264	428451	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	580685	102.67	ng	-0.02
7) Phenol-d6	6.85	99	806654	95.01	ng	-0.02
23) Nitrobenzene-d5	8.83	82	410569	61.01	ng	-0.03
41) 2,4,6-Tribromophenol	15.81	330	160104	107.42	ng	-0.02
44) 2-Fluorobiphenyl	12.94	172	798339	61.67	ng	-0.03
78) Terphenyl-d14	19.69	244	1070824	54.59	ng	-0.02
Target Compounds						
10) Phenol	6.88	94	20321	2.24	ng	Qvalue 92
32) Benzoic acid	9.82	122	62	8.75	ng	# 76
49) Dimethylphthalate	13.78	163	97326	6.03	ng	99
62) Azobenzene	15.68	77	113692	6.21	ng	# 1

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

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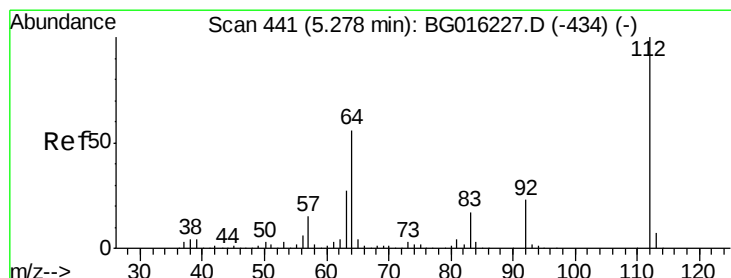
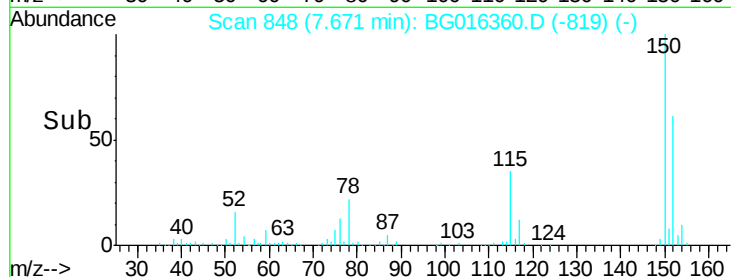
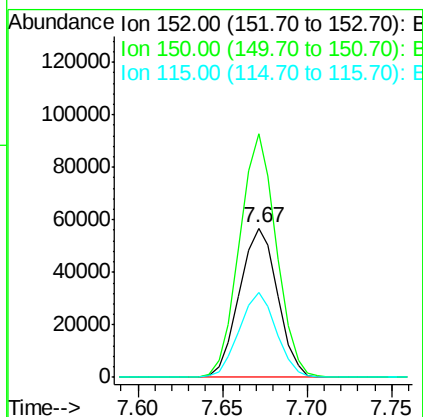
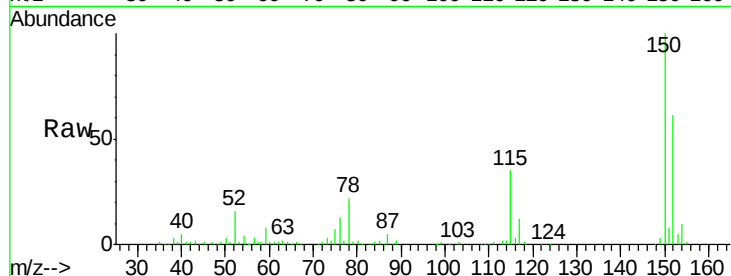


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.67 min Scan# 848
 Delta R.T. -0.03 min
 Lab File: BG016360.D
 Acq: 13 Apr 2015 14:57

Instrument :
 BNA_G
 ClientSampleId :
 F5-025

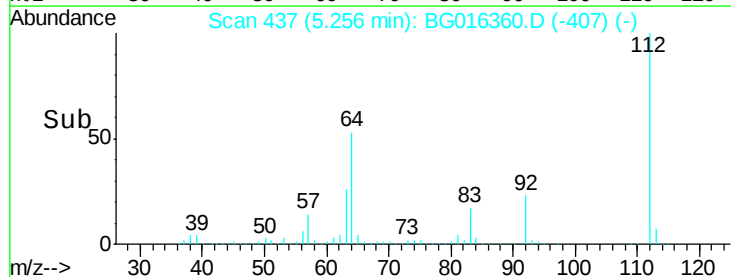
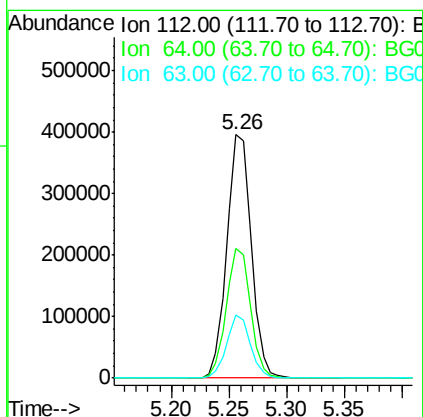
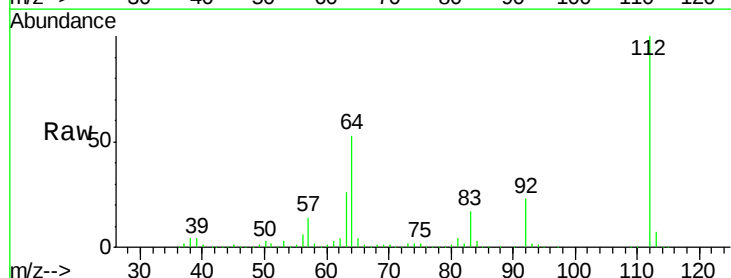
Tgt Ion:152 Resp: 89257
 Ion Ratio Lower Upper
 152 100
 150 163.4 130.1 195.1
 115 57.2 50.5 75.7

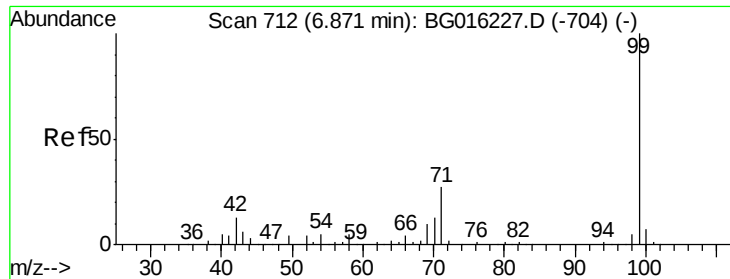


#5

2-Fluorophenol
 Concen: 102.67 ng
 RT: 5.26 min Scan# 437
 Delta R.T. -0.02 min
 Lab File: BG016360.D
 Acq: 13 Apr 2015 14:57

Tgt Ion:112 Resp: 580685
 Ion Ratio Lower Upper
 112 100
 64 53.3 44.5 66.7
 63 25.9 21.4 32.0





#7

Phenol-d6

Concen: 95.01 ng

RT: 6.85 min Scan# 709

Delta R.T. -0.02 min

Lab File: BG016360.D

Acq: 13 Apr 2015 14:57

Instrument :

BNA_G

ClientSampleId :

F5-025

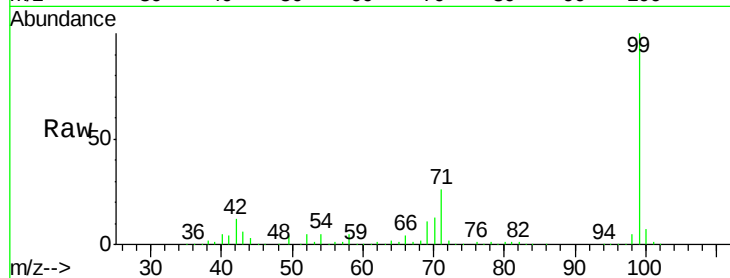
Tgt Ion: 99 Resp: 806654

Ion Ratio Lower Upper

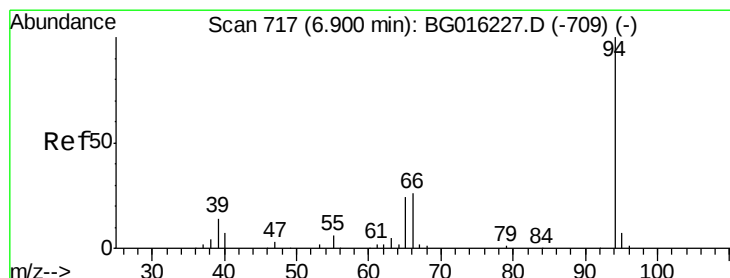
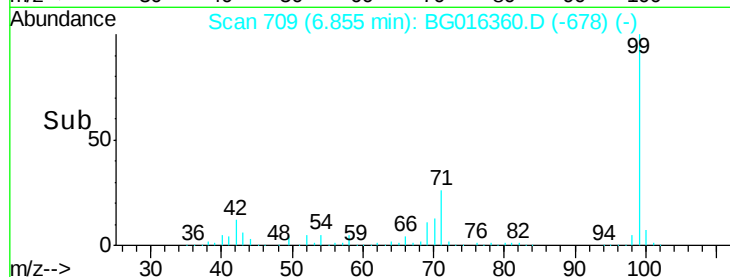
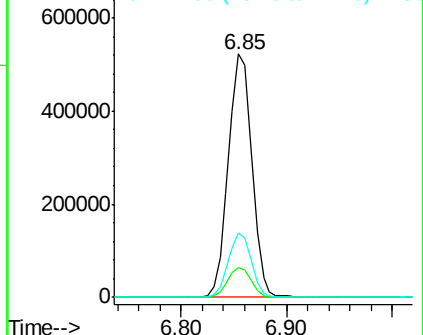
99 100

42 12.3 10.0 15.0

71 26.2 21.5 32.3



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



#10

Phenol

Concen: 2.24 ng

RT: 6.88 min Scan# 714

Delta R.T. -0.02 min

Lab File: BG016360.D

Acq: 13 Apr 2015 14:57

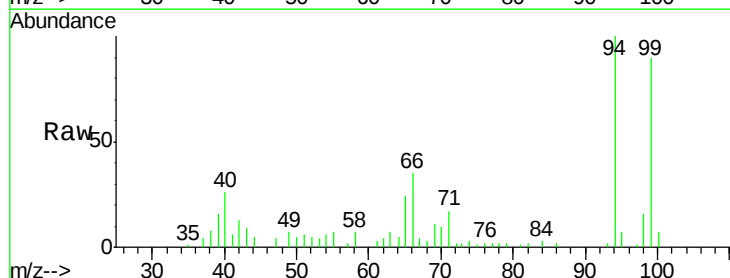
Tgt Ion: 94 Resp: 20321

Ion Ratio Lower Upper

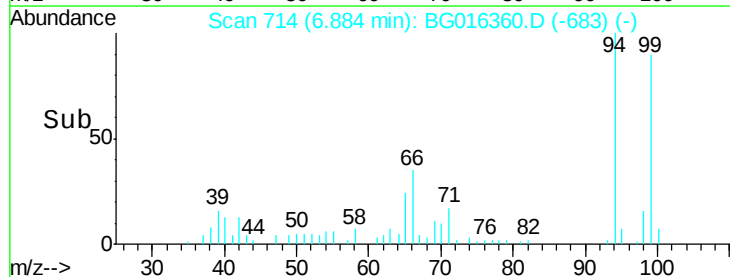
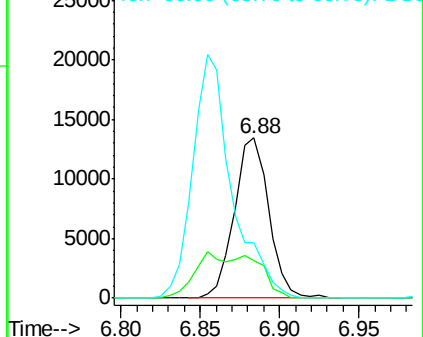
94 100

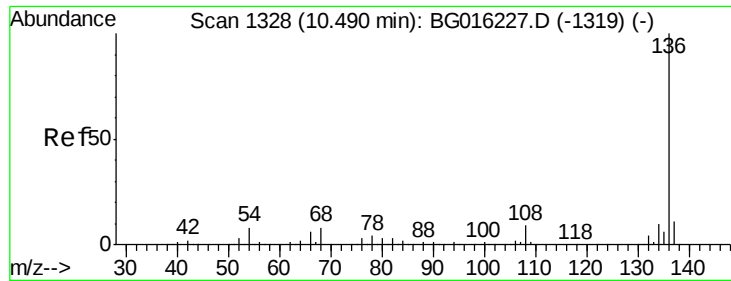
65 23.6 3.8 43.8

66 34.7 7.4 47.4



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

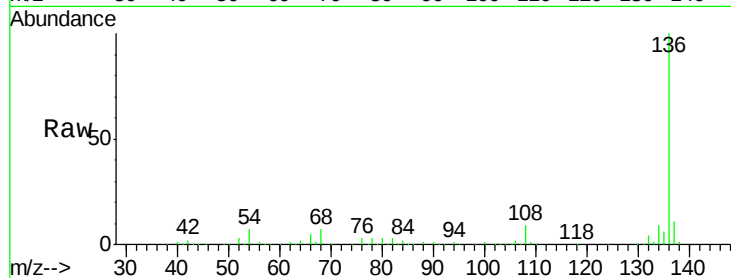




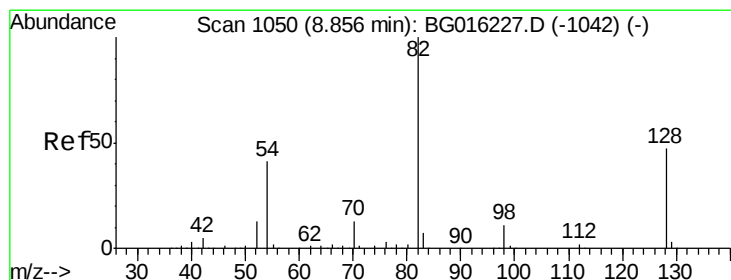
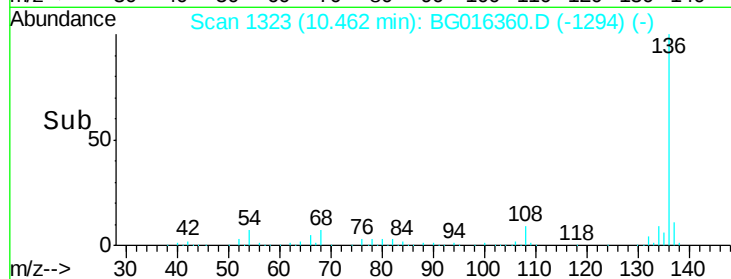
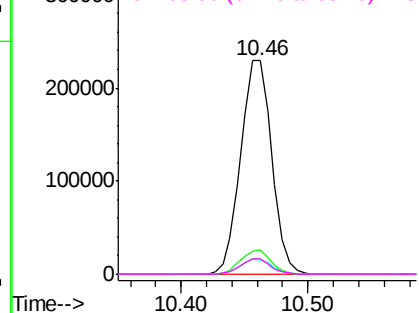
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.46 min Scan# 1323
Delta R.T. -0.03 min
Lab File: BG016360.D
Acq: 13 Apr 2015 14:57

Instrument :
BNA_G
ClientSampleId :
F5-025

Tgt Ion:	136	Resp:	389830
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	6.7	6.3	9.5
68	7.5	6.5	9.7

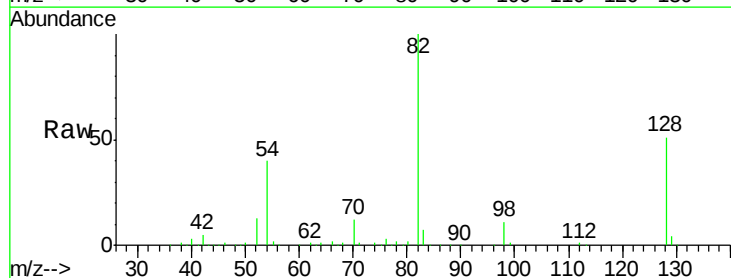


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

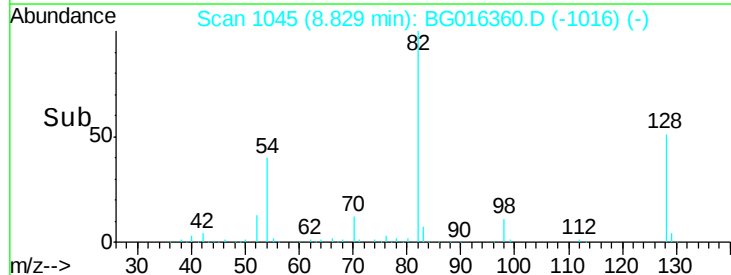
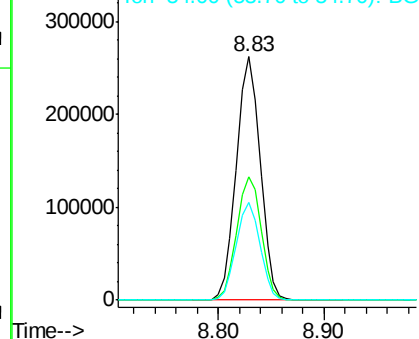


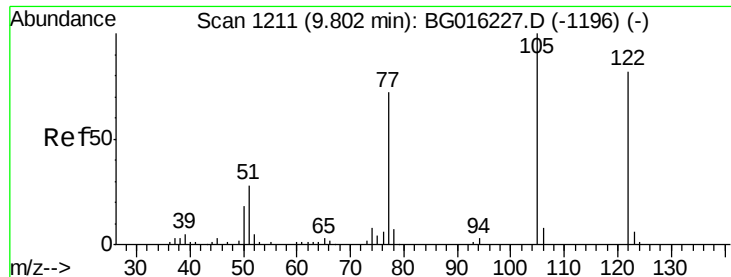
#23
Nitrobenzene-d5
Concen: 61.01 ng
RT: 8.83 min Scan# 1045
Delta R.T. -0.03 min
Lab File: BG016360.D
Acq: 13 Apr 2015 14:57

Tgt Ion:	82	Resp:	410569
Ion	Ratio	Lower	Upper
82	100		
128	50.5	37.8	56.8
54	39.9	32.6	49.0



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





#32

Benzoic acid

Concen: 8.75 ng

RT: 9.82 min Scan# 1213

Delta R.T. 0.01 min

Lab File: BG016360.D

Acq: 13 Apr 2015 14:57

Instrument :

BNA_G

ClientSampleId :

F5-025

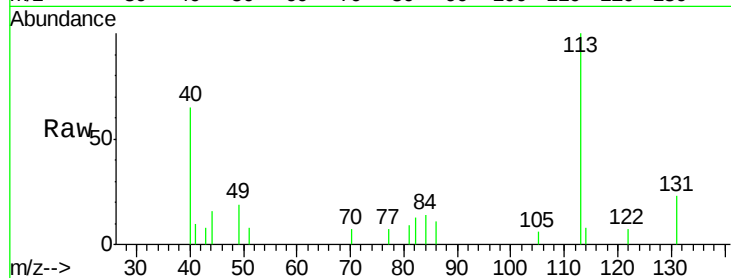
Tgt Ion:122 Resp: 62

Ion Ratio Lower Upper

122 100

105 85.8 99.7 139.7#

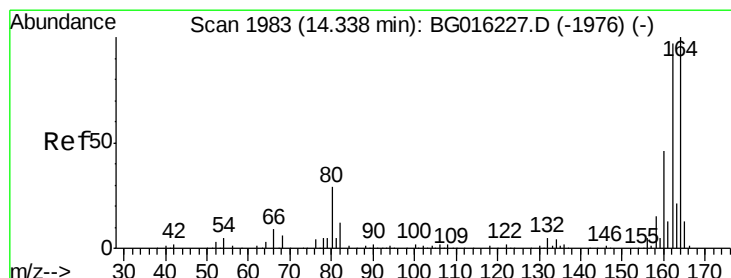
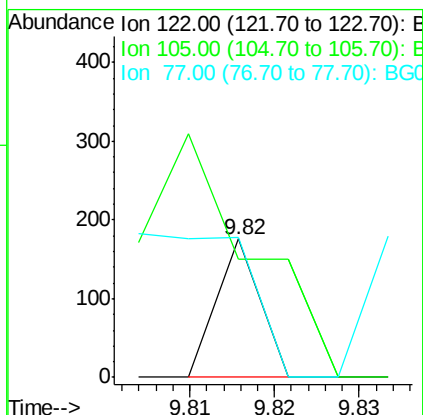
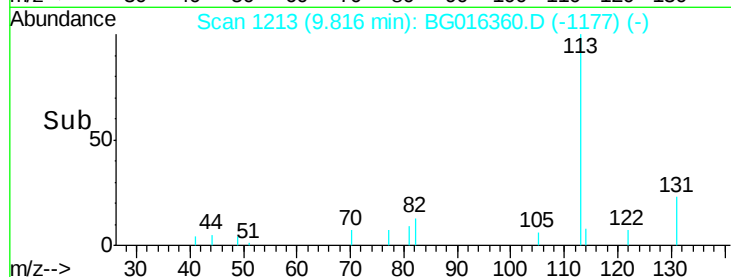
77 101.1 66.8 106.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): B



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.32 min Scan# 1979

Delta R.T. -0.02 min

Lab File: BG016360.D

Acq: 13 Apr 2015 14:57

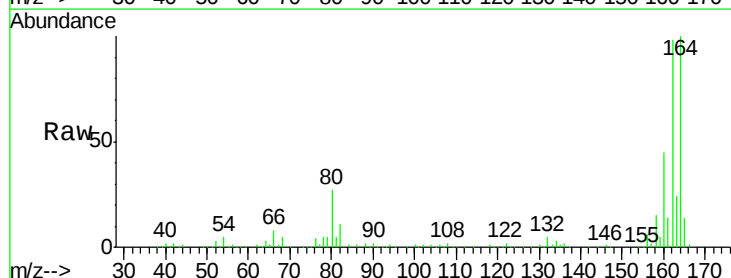
Tgt Ion:164 Resp: 220393

Ion Ratio Lower Upper

164 100

162 98.4 77.3 115.9

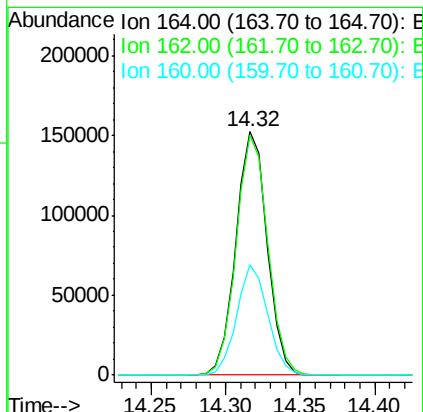
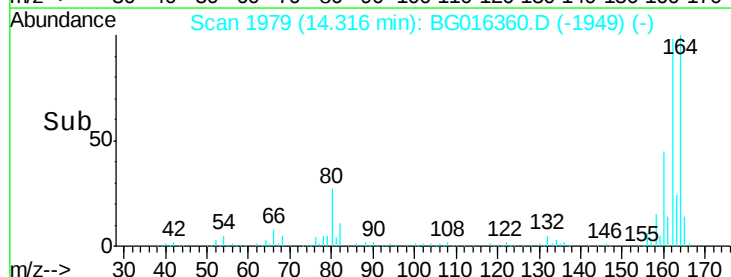
160 45.2 36.7 55.1

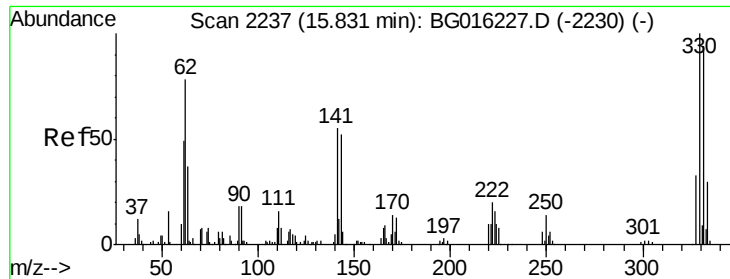


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

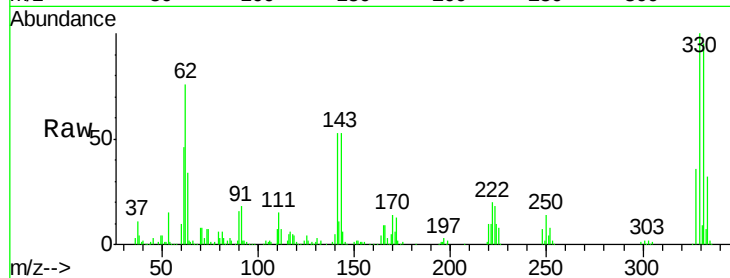




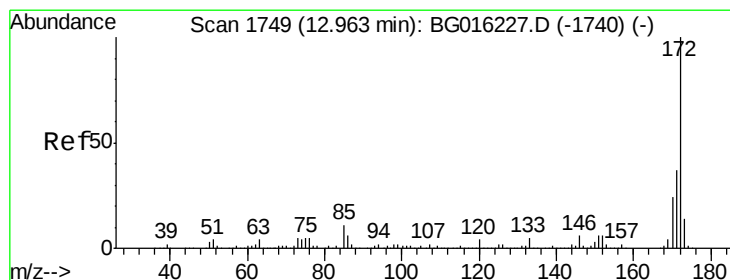
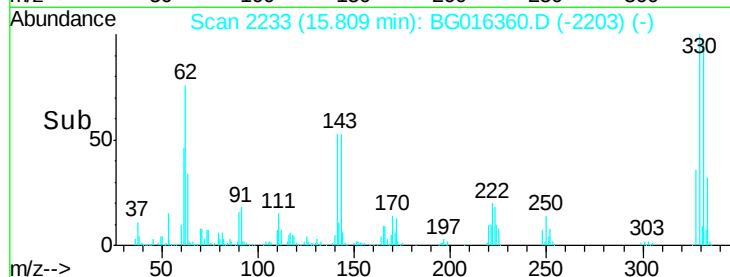
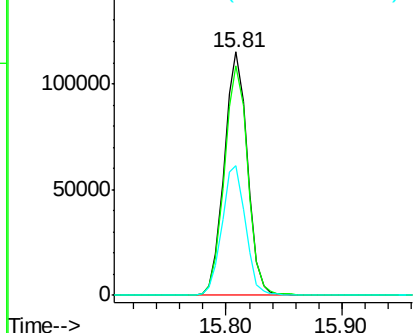
#41
 2,4,6-Tribromophenol
 Concen: 107.42 ng
 RT: 15.81 min Scan# 2233
 Delta R.T. -0.02 min
 Lab File: BG016360.D
 Acq: 13 Apr 2015 14:57

Instrument :
 BNA_G
 ClientSampleId :
 F5-025

Tgt Ion:330 Resp: 160104
 Ion Ratio Lower Upper
 330 100
 332 95.2 75.8 113.6
 141 53.7 46.6 69.8

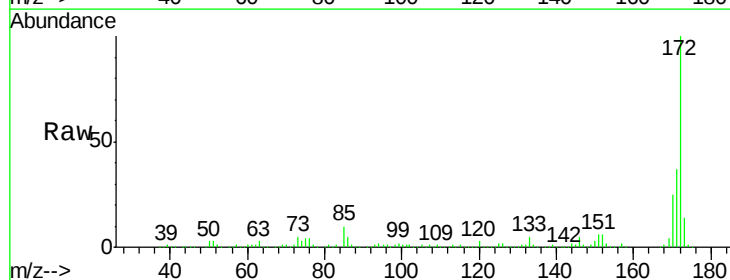


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

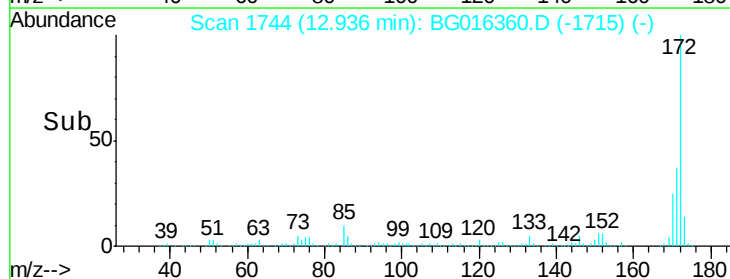
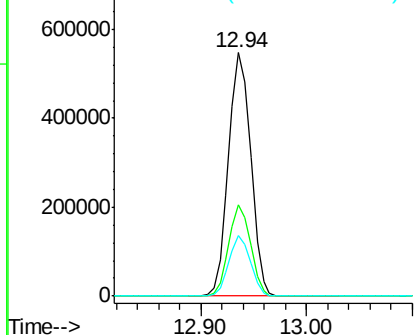


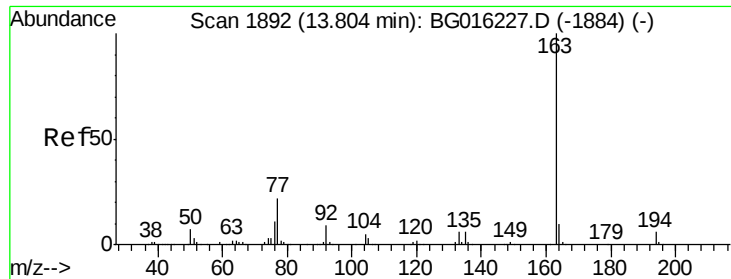
#44
 2-Fluorobiphenyl
 Concen: 61.67 ng
 RT: 12.94 min Scan# 1744
 Delta R.T. -0.03 min
 Lab File: BG016360.D
 Acq: 13 Apr 2015 14:57

Tgt Ion:172 Resp: 798339
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.6 44.4
 170 24.8 19.4 29.2



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





#49

Dimethylphthalate

Concen: 6.03 ng

RT: 13.78 min Scan# 1887

Delta R.T. -0.03 min

Lab File: BG016360.D

Acq: 13 Apr 2015 14:57

Instrument :

BNA_G

ClientSampleId :

F5-025

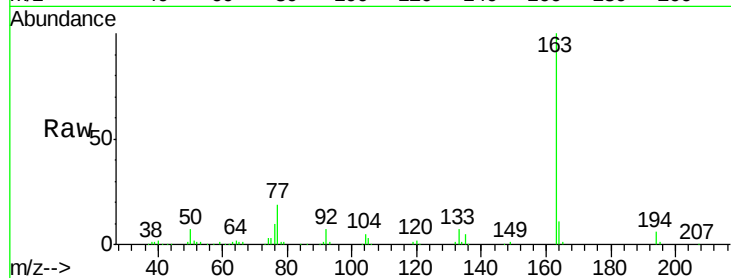
Tgt Ion: 163 Resp: 97326

Ion Ratio Lower Upper

163 100

194 6.0 5.0 7.4

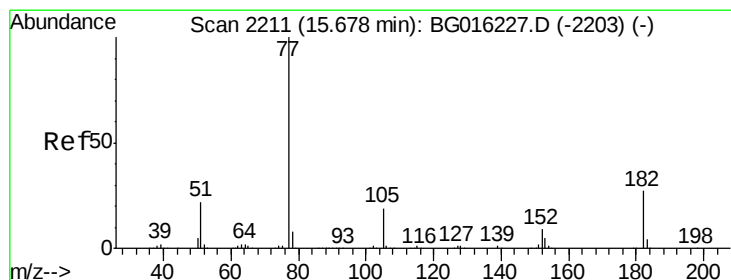
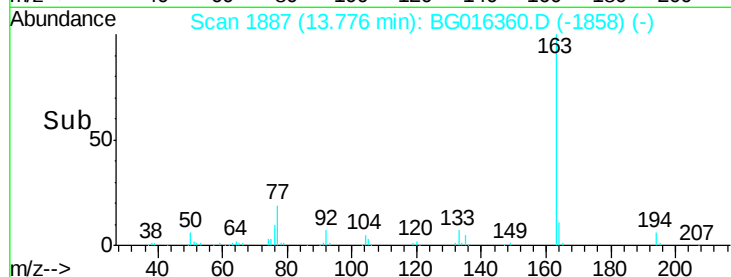
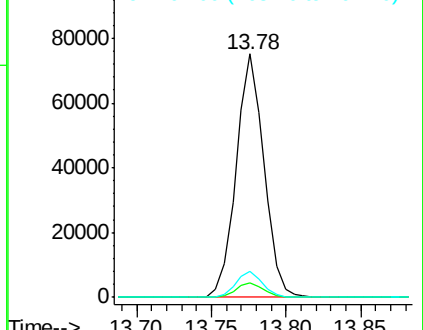
164 10.6 8.2 12.4



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



#62

Azobenzene

Concen: 6.21 ng

RT: 15.68 min Scan# 2211

Delta R.T. 0.00 min

Lab File: BG016360.D

Acq: 13 Apr 2015 14:57

Tgt Ion: 77 Resp: 113692

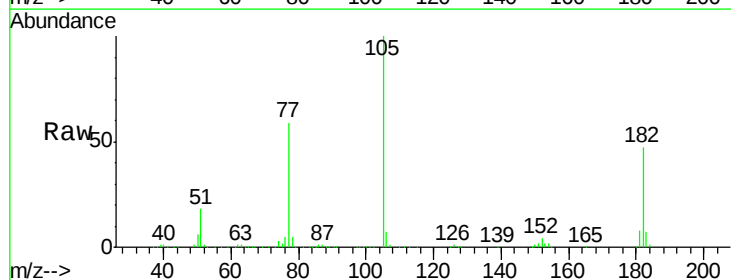
Ion Ratio Lower Upper

77 100

182 80.9 6.6 46.6#

105 170.5 0.0 39.2#

51 30.9 2.0 42.0

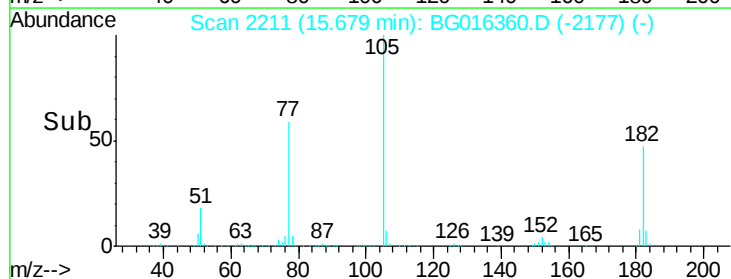
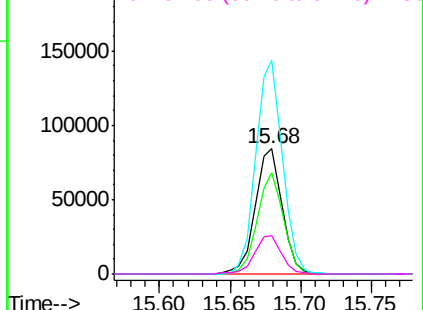


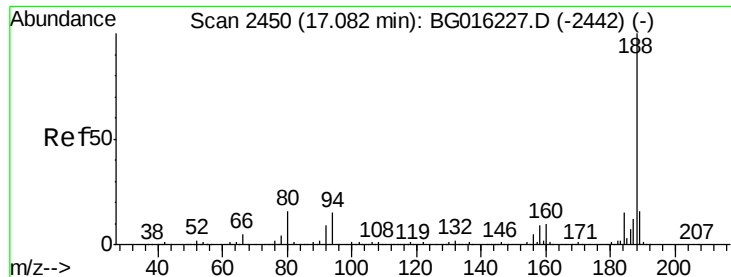
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC

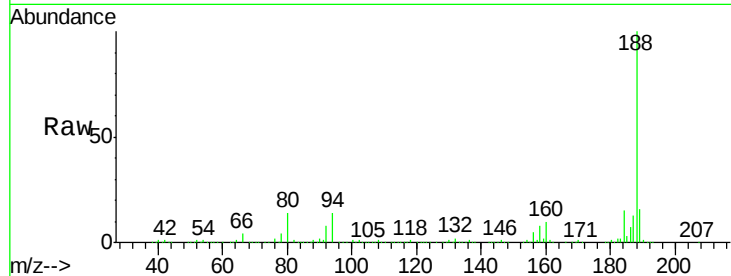




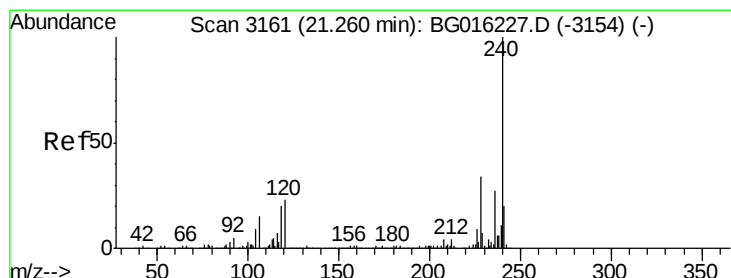
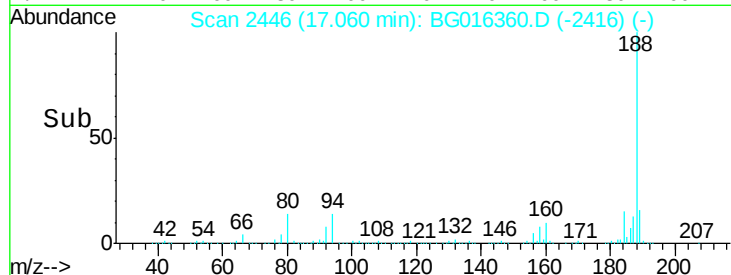
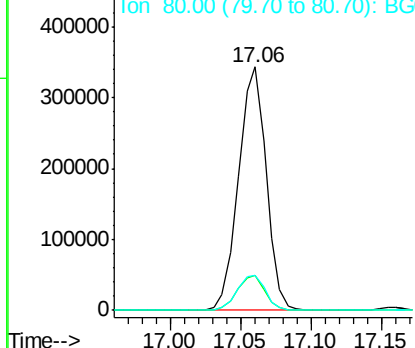
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.06 min Scan# 2446
Delta R.T. -0.02 min
Lab File: BG016360.D
Acq: 13 Apr 2015 14:57

Instrument :
BNA_G
ClientSampleId :
F5-025

Tgt Ion:188 Resp: 468619
Ion Ratio Lower Upper
188 100
94 14.3 12.2 18.4
80 14.2 12.8 19.2

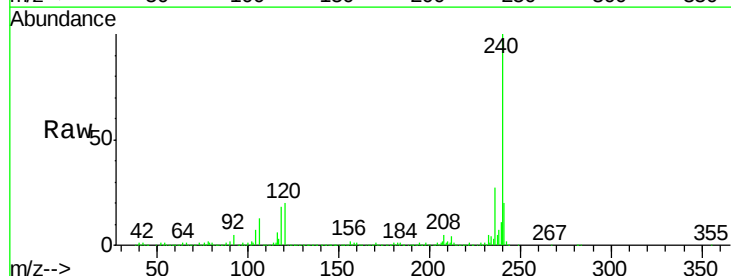


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

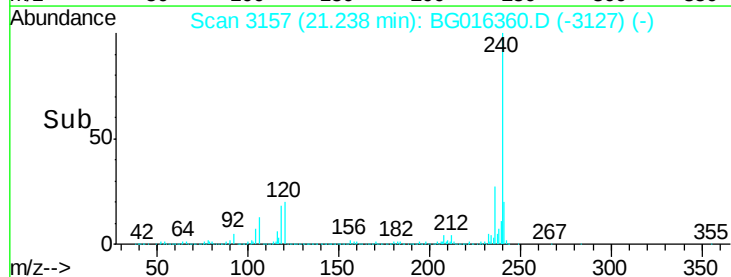
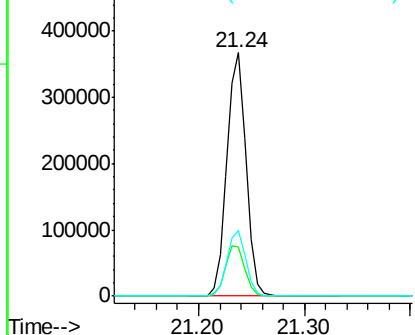


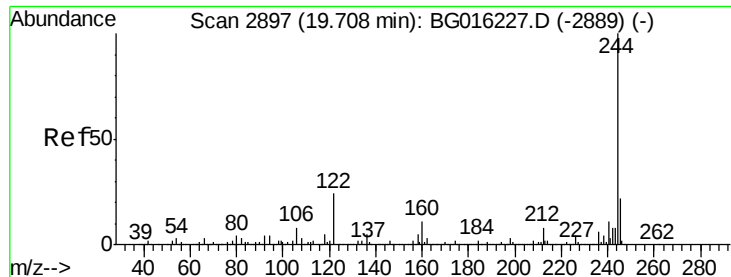
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.24 min Scan# 3157
Delta R.T. -0.02 min
Lab File: BG016360.D
Acq: 13 Apr 2015 14:57

Tgt Ion:240 Resp: 459067
Ion Ratio Lower Upper
240 100
120 20.0 18.6 28.0
236 26.8 21.7 32.5



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: 54.59 ng

RT: 19.69 min Scan# 2893

Delta R.T. -0.02 min

Lab File: BG016360.D

Acq: 13 Apr 2015 14:57

Instrument :

BNA_G

ClientSampleId :

F5-025

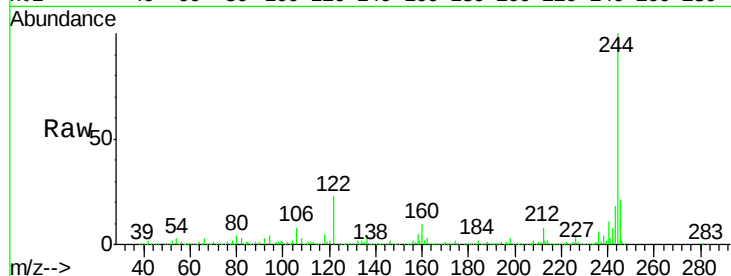
Tgt Ion:244 Resp: 1070824

Ion Ratio Lower Upper

244 100

212 8.1 6.6 9.8

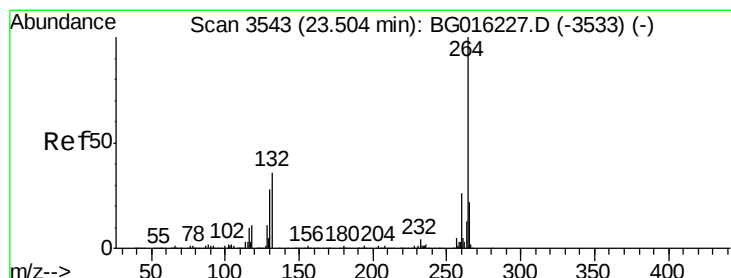
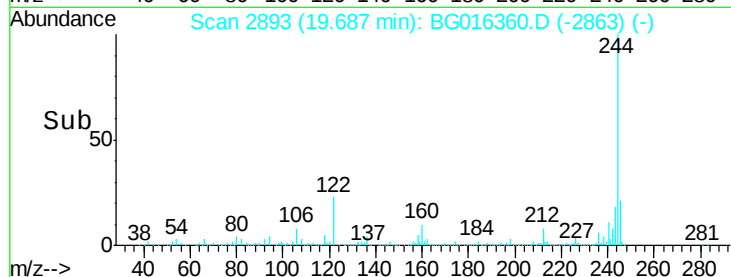
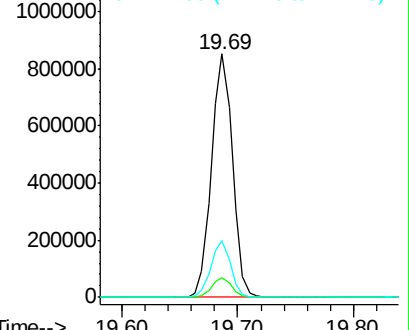
122 23.3 19.1 28.7



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: 23.47 min Scan# 3537

Delta R.T. -0.03 min

Lab File: BG016360.D

Acq: 13 Apr 2015 14:57

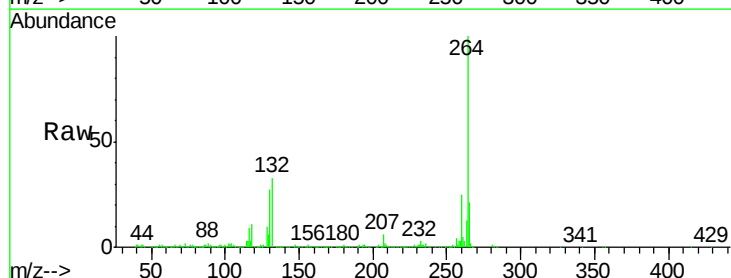
Tgt Ion:264 Resp: 428451

Ion Ratio Lower Upper

264 100

260 24.8 20.4 30.6

265 21.4 17.2 25.8



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

