

Data Path : Z:\HPCHEM1\BNA G\Data\BG042215\
 Data File : BG016624.D
 Acq On : 22 Apr 2015 17:55
 Operator : TP/IZ
 Sample : G1904-02DL 10X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 22 18:39:49 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 22 02:10:07 2015
 Response via : Initial Calibration

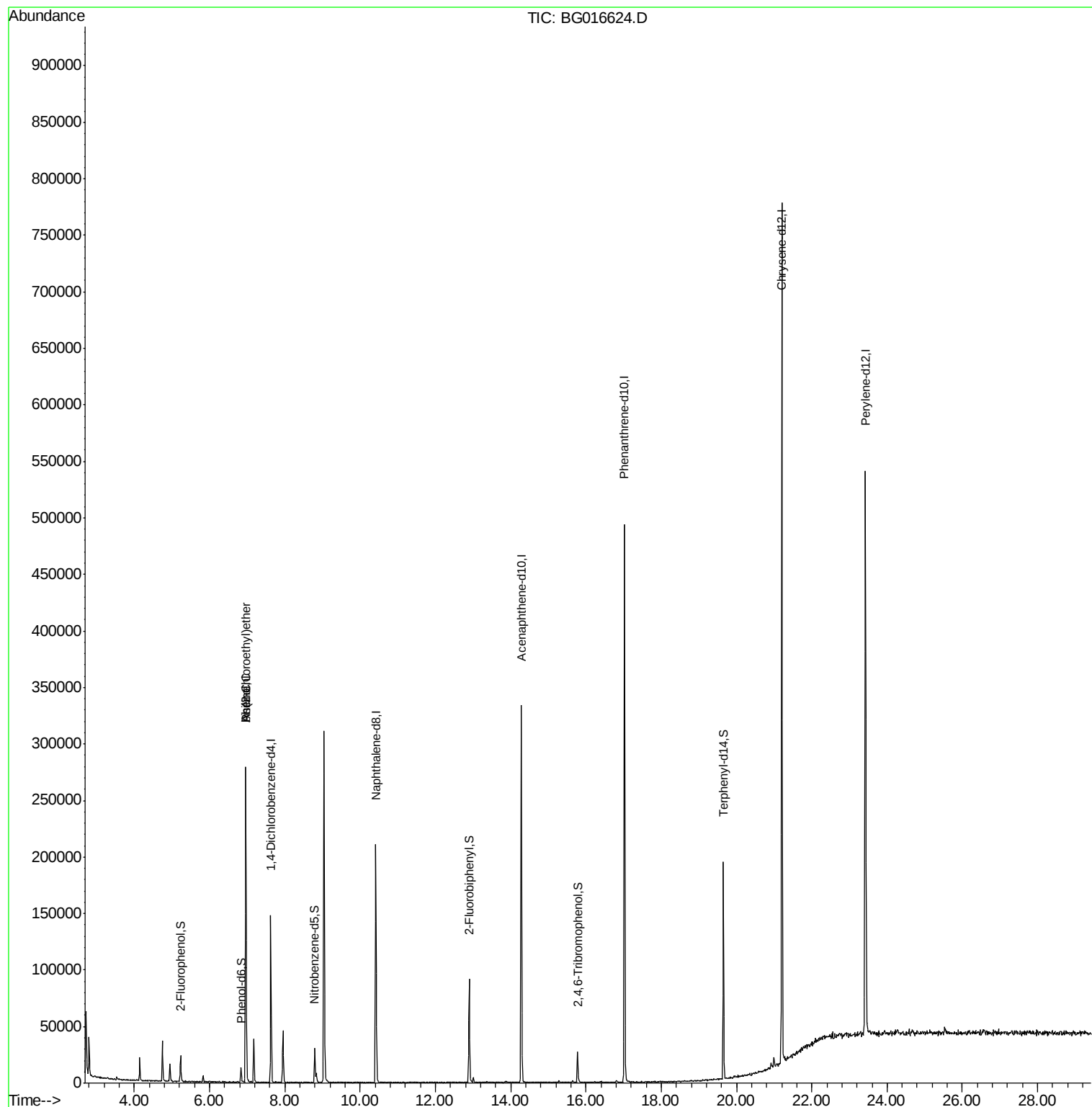
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	44845	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	189308	20.00	ng	0.00
38) Acenaphthene-d10	14.28	164	113462	20.00	ng	0.00
63) Phenanthrene-d10	17.02	188	277323	20.00	ng	0.00
75) Chrysene-d12	21.20	240	298080	20.00	ng	0.00
86) Perylene-d12	23.42	264	281172	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	13319	4.76	ng	0.00
7) Phenol-d6	6.84	99	10931	2.80	ng	0.01
23) Nitrobenzene-d5	8.79	82	20198	6.57	ng	0.00
41) 2,4,6-Tribromophenol	15.78	330	5579	7.24	ng	0.00
44) 2-Fluorobiphenyl	12.90	172	52050	7.60	ng	0.00
78) Terphenyl-d14	19.65	244	75636	6.11	ng	0.00
Target Compounds						
6) Aniline	6.97	93	185895	34.43	ng	98
10) Phenol	6.97	94	13548	3.28	ng	# 1
11) bis(2-Chloroethyl)ether	6.97	93	185895	57.42	ng	# 31

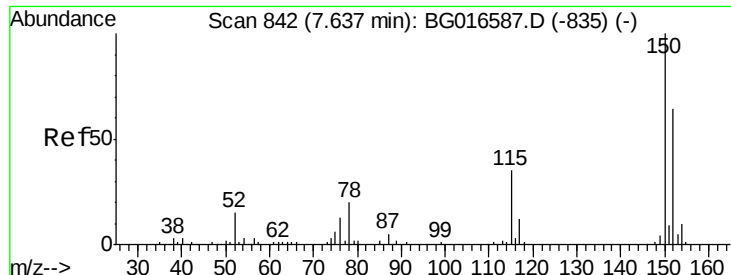
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\Data\BG042215\
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ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Apr 22 18:39:49 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 22 02:10:07 2015
Response via : Initial Calibration



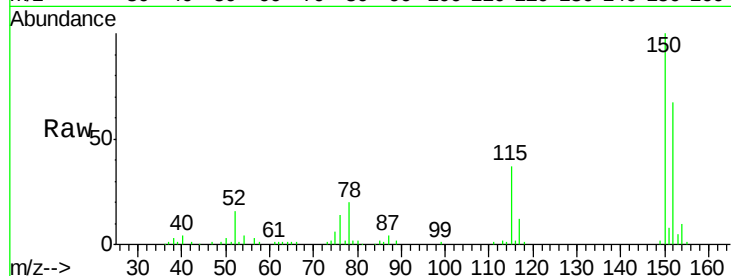


#1

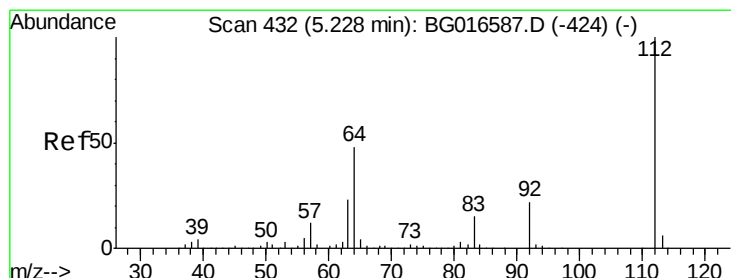
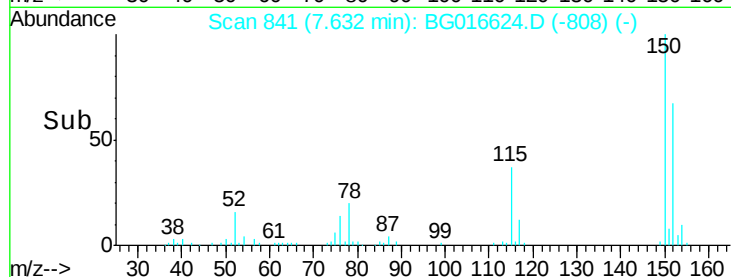
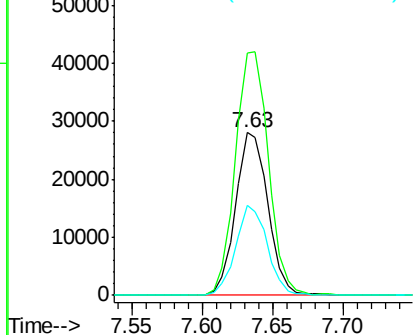
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.63 min Scan# 841
Delta R.T. -0.01 min
Lab File: BG016624.D
Acq: 22 Apr 2015 17:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 44845
Ion Ratio Lower Upper
152 100
150 149.0 125.5 188.3
115 55.3 44.5 66.7



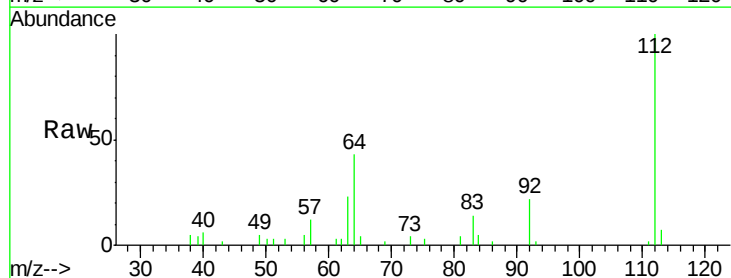
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



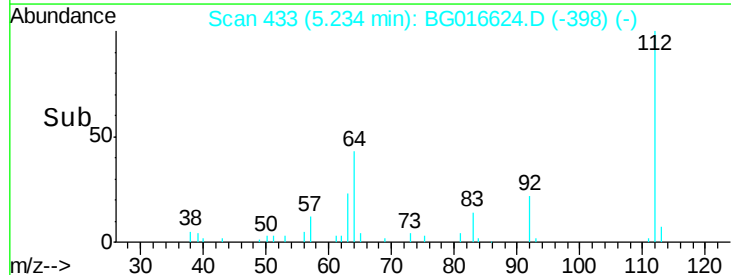
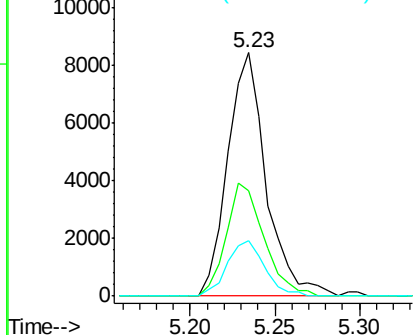
#5

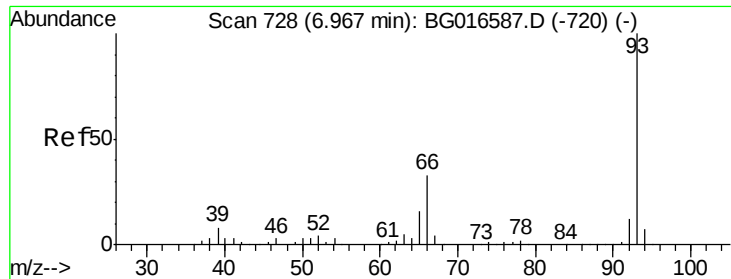
2-Fluorophenol
Concen: 4.76 ng
RT: 5.23 min Scan# 433
Delta R.T. 0.01 min
Lab File: BG016624.D
Acq: 22 Apr 2015 17:55

Tgt Ion:112 Resp: 13319
Ion Ratio Lower Upper
112 100
64 43.1 38.5 57.7
63 23.0 18.2 27.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGO
Ion 63.00 (62.70 to 63.70): BGO





#6

Aniline

Concen: 34.43 ng

RT: 6.97 min Scan# 728

Delta R.T. 0.00 min

Lab File: BG016624.D

Acq: 22 Apr 2015 17:55

Instrument :

BNA_G

ClientSampleId :

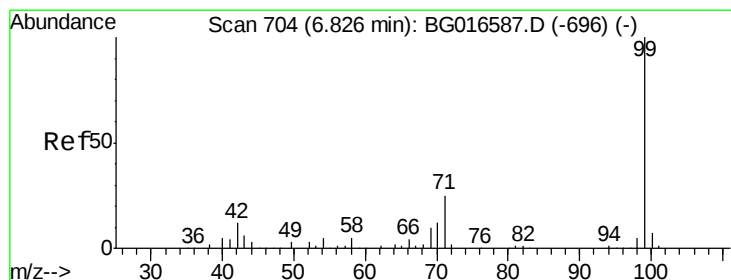
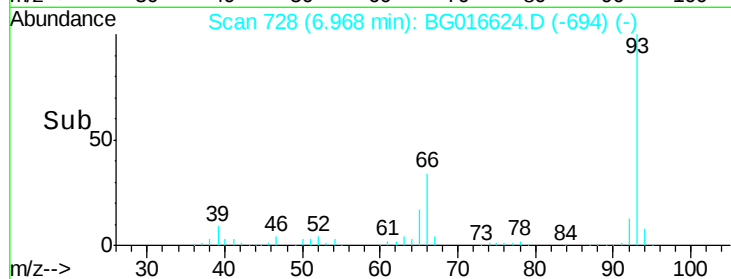
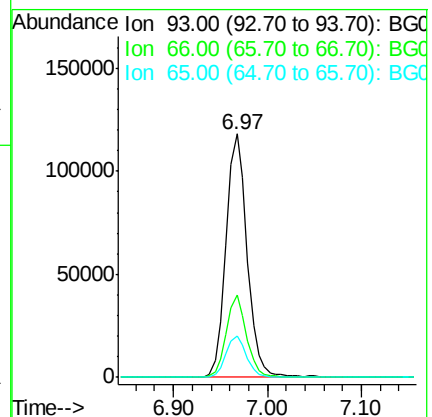
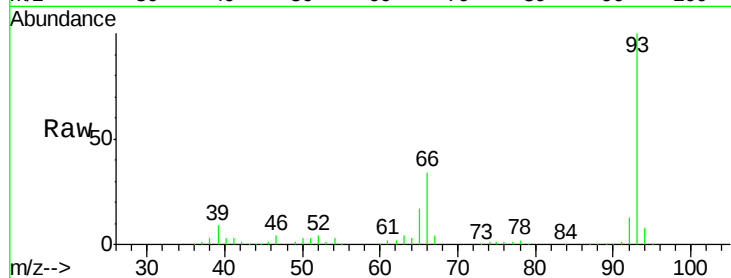
Tot Ion: 93 Resp: 185895

Ion Ratio Lower Upper

93 100

66 33.8 26.1 39.1

65 17.1 13.0 19.6



#7

Phenol-d6

Concen: 2.80 ng

RT: 6.84 min Scan# 706

Delta R.T. 0.01 min

Lab File: BG016624.D

Acq: 22 Apr 2015 17:55

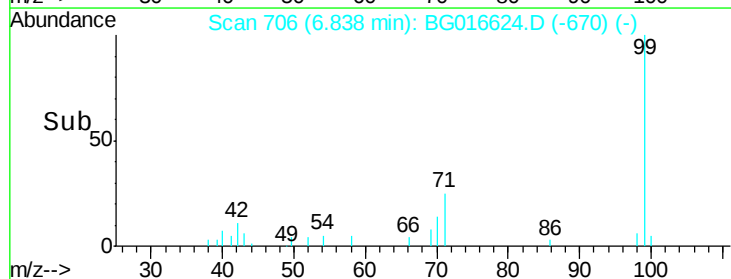
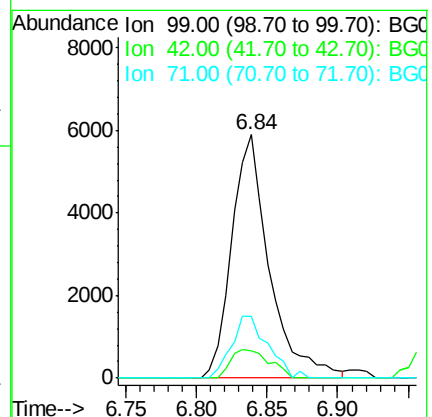
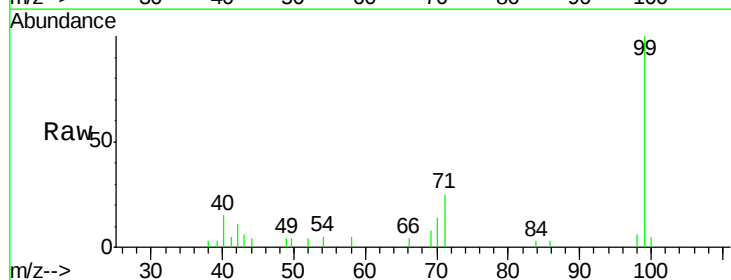
Tgt Ion: 99 Resp: 10931

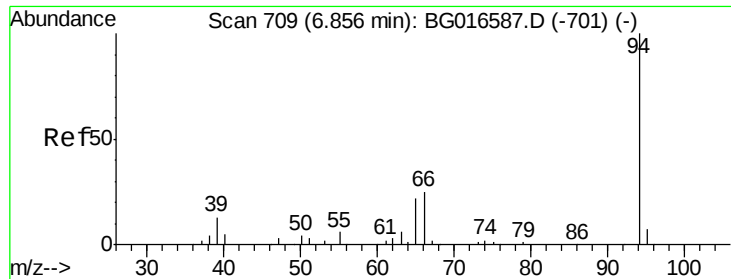
Ion Ratio Lower Upper

99 100

42 11.3 9.5 14.3

71 25.2 20.2 30.2





#10

Phenol

Concen: 3.28 ng

RT: 6.97 min Scan# 728

Delta R.T. 0.11 min

Lab File: BG016624.D

Acq: 22 Apr 2015 17:55

Instrument :

BNA_G

ClientSampled :

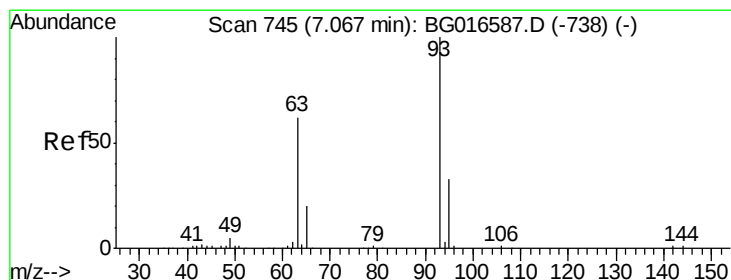
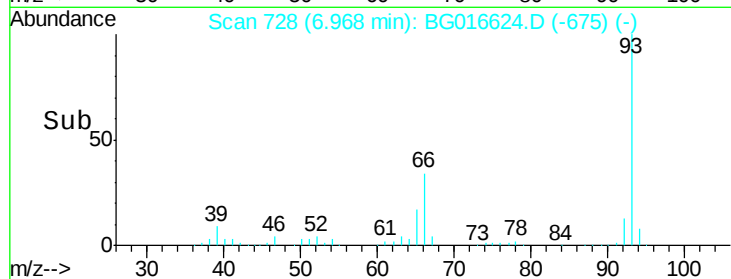
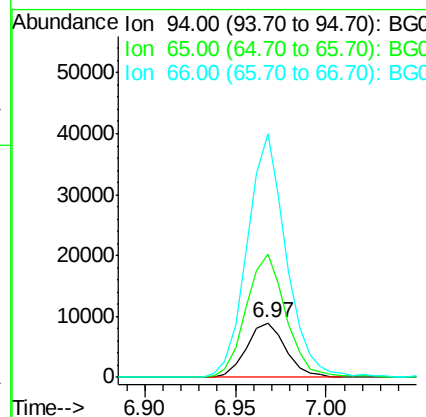
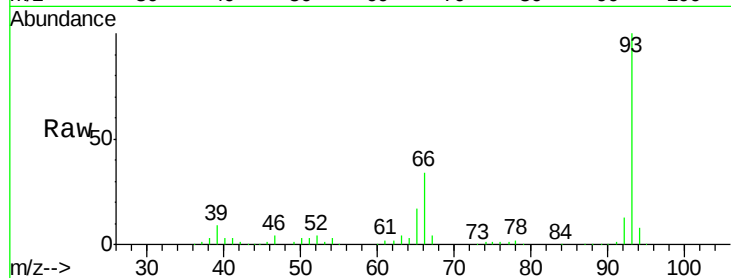
Tot Ion: 94 Resp: 13548

Ion Ratio Lower Upper

94 100

65 227.7 2.6 42.6#

66 449.7 6.3 46.3#



#11

bis(2-Chloroethyl)ether

Concen: 57.42 ng

RT: 6.97 min Scan# 728

Delta R.T. -0.10 min

Lab File: BG016624.D

Acq: 22 Apr 2015 17:55

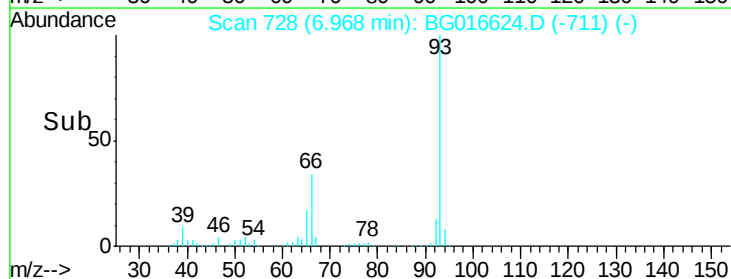
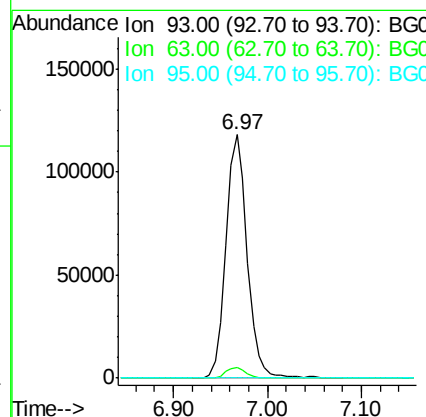
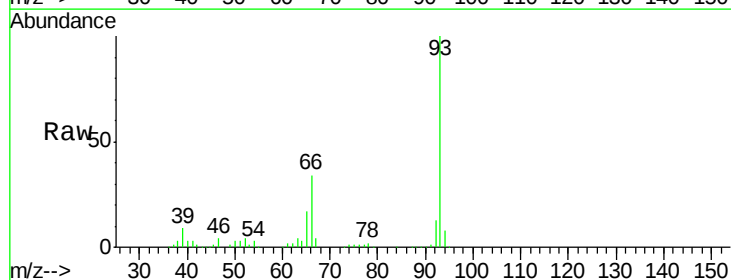
Tgt Ion: 93 Resp: 185895

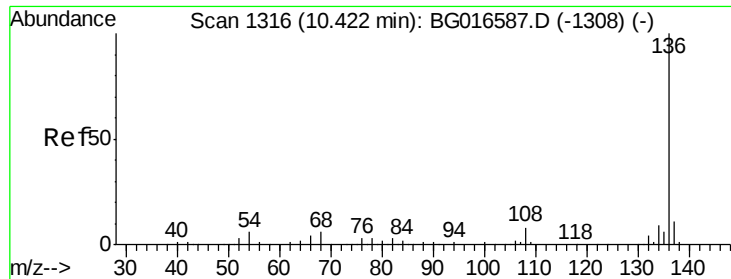
Ion Ratio Lower Upper

93 100

63 4.3 42.0 82.0#

95 0.2 12.6 52.6#

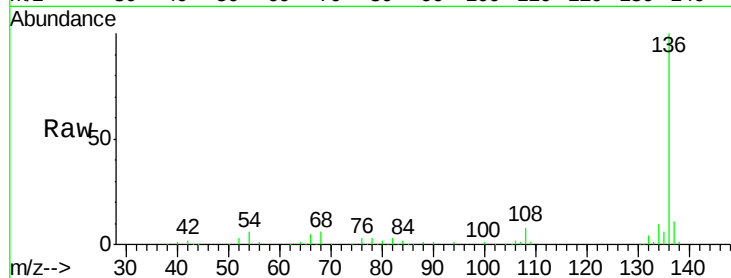




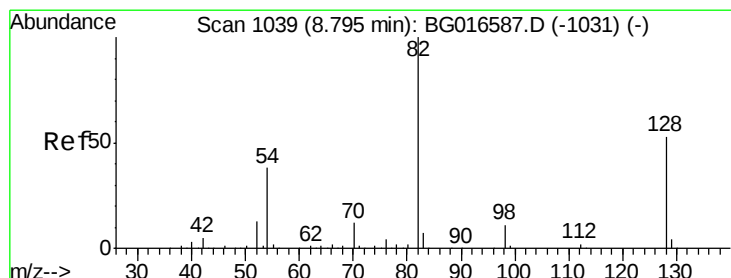
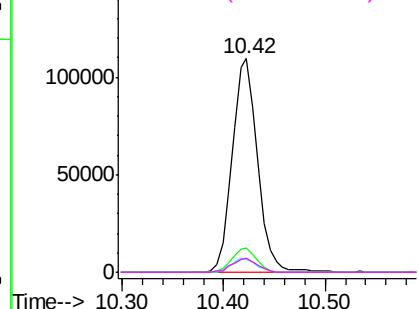
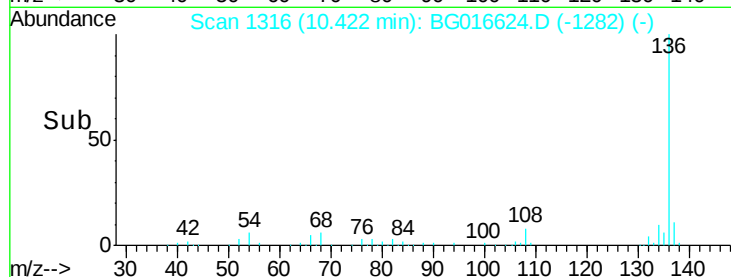
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.42 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BG016624.D
Acq: 22 Apr 2015 17:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	189308
Ion	Ratio	Lower Upper
136	100	
137	11.3	8.8 13.2
54	6.1	4.9 7.3
68	6.4	4.9 7.3

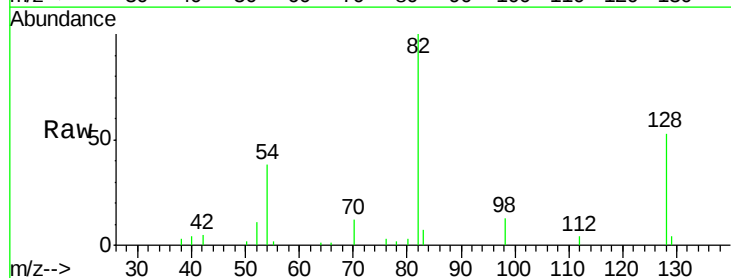


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

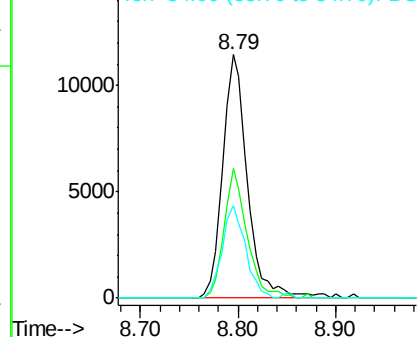
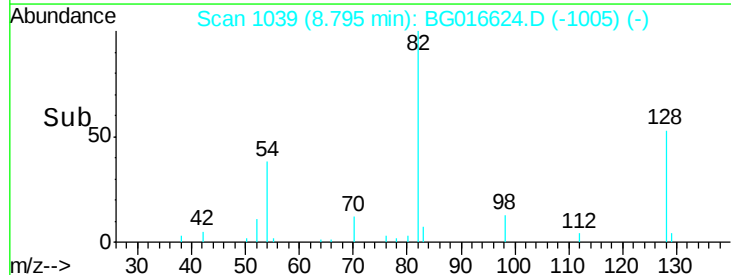


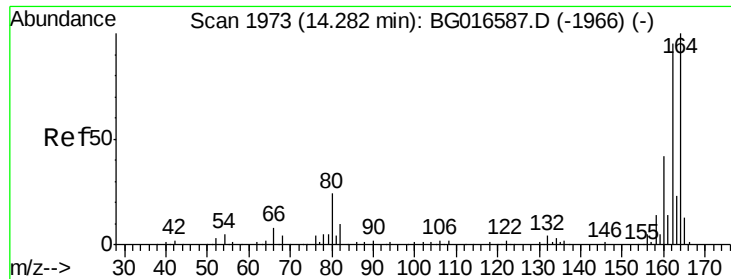
#23
Nitrobenzene-d5
Concen: 6.57 ng
RT: 8.79 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BG016624.D
Acq: 22 Apr 2015 17:55

Tgt Ion: 82	Resp:	20198
Ion	Ratio	Lower Upper
82	100	
128	53.1	42.7 64.1
54	38.1	30.6 45.8



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: 14.28 min Scan# 1973

Delta R.T. 0.00 min

Lab File: BG016624.D

Acq: 22 Apr 2015 17:55

Instrument :

BNA_G

ClientSampleId :

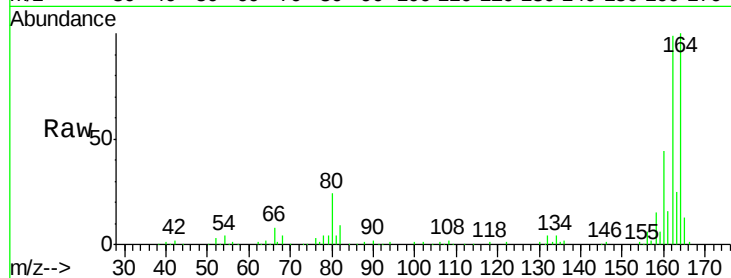
Tot Ion:164 Resp: 113462

Ion Ratio Lower Upper

164 100

162 98.7 75.8 113.6

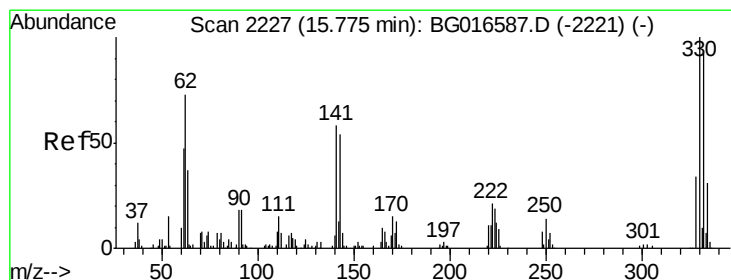
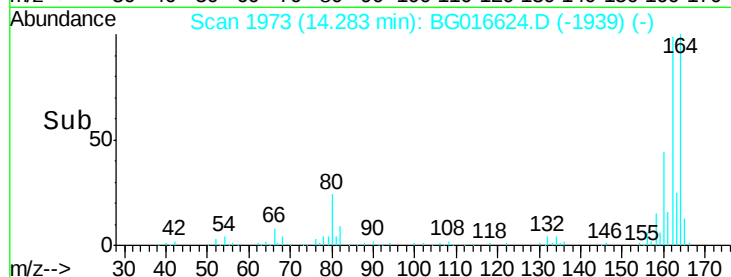
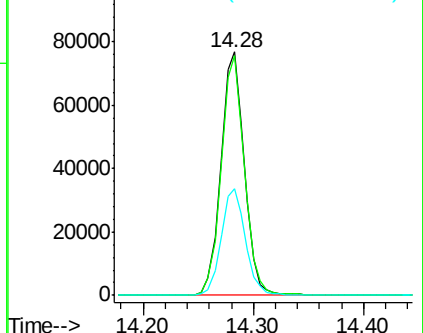
160 43.9 33.8 50.6



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: 7.24 ng

RT: 15.78 min Scan# 2228

Delta R.T. 0.01 min

Lab File: BG016624.D

Acq: 22 Apr 2015 17:55

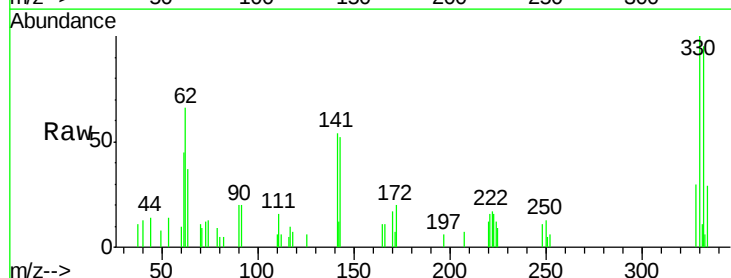
Tgt Ion:330 Resp: 5579

Ion Ratio Lower Upper

330 100

332 95.1 76.6 114.8

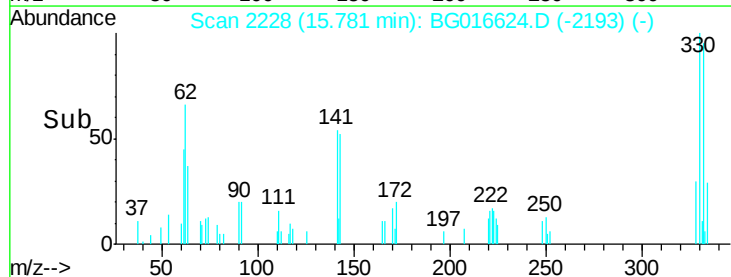
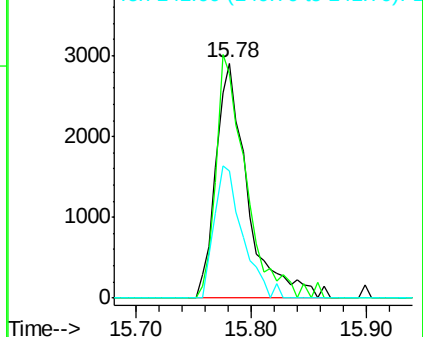
141 49.5 45.9 68.9

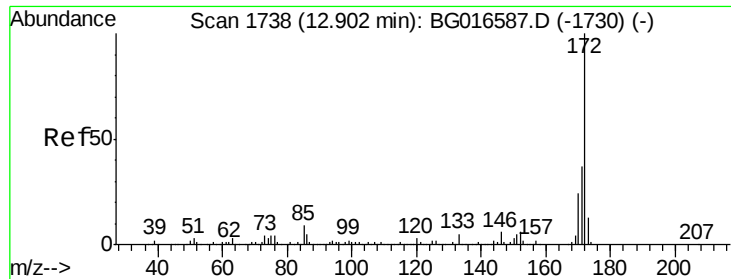


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

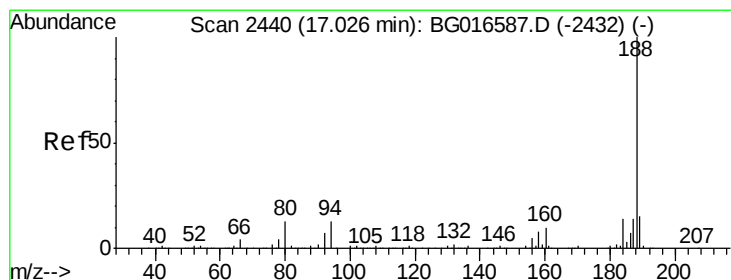
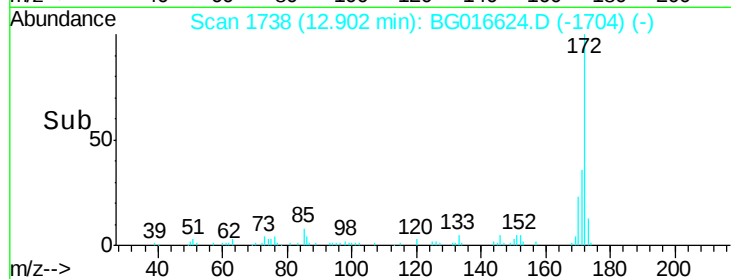
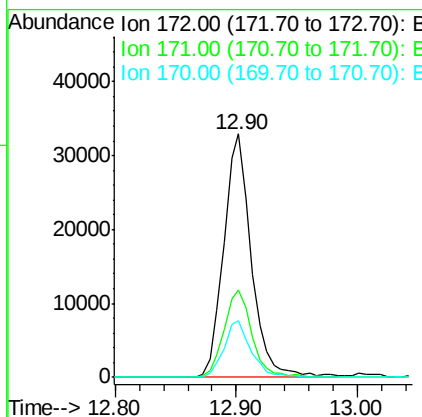
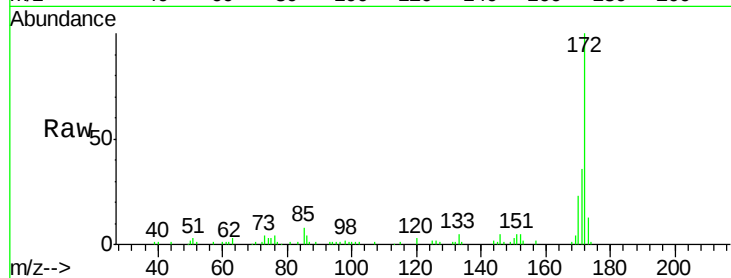




#44
 2-Fluorobiphenyl
 Concen: 7.60 ng
 RT: 12.90 min Scan# 1738
 Delta R.T. 0.00 min
 Lab File: BG016624.D
 Acq: 22 Apr 2015 17:55

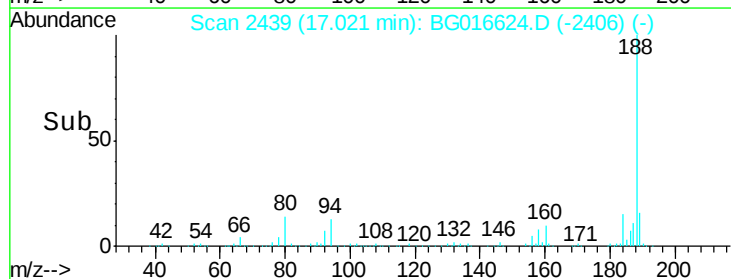
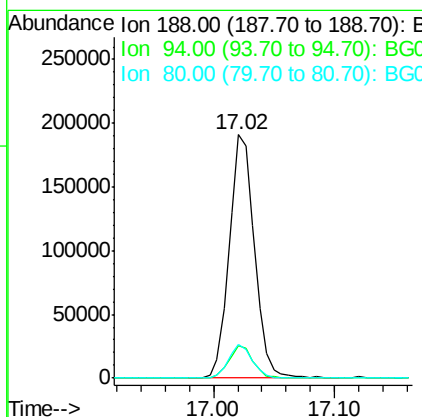
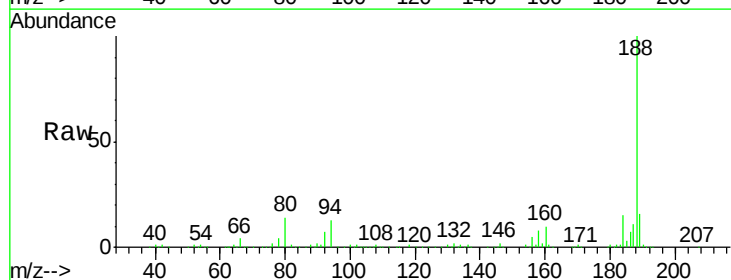
Instrument :
 BNA_G
 ClientSampleId :

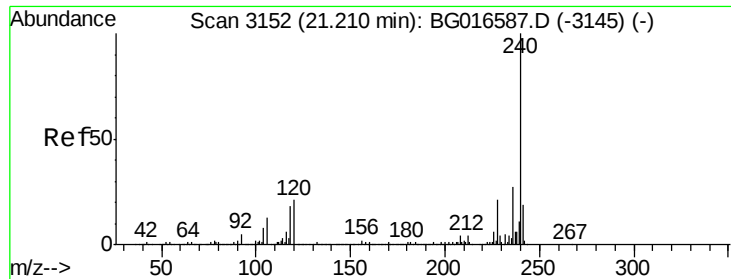
Tot Ion:172 Resp: 52050
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.6 44.4
 170 23.3 19.4 29.0



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.02 min Scan# 2439
 Delta R.T. -0.01 min
 Lab File: BG016624.D
 Acq: 22 Apr 2015 17:55

Tgt Ion:188 Resp: 277323
 Ion Ratio Lower Upper
 188 100
 94 13.5 10.5 15.7
 80 14.1 10.6 16.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.20 min Scan# 3151

Delta R.T. -0.01 min

Lab File: BG016624.D

Acq: 22 Apr 2015 17:55

Instrument :

BNA_G

ClientSampleId :

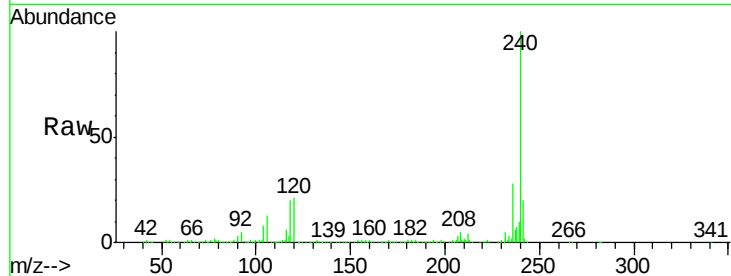
Tot Ion:240 Resp: 298080

Ion Ratio Lower Upper

240 100

120 21.3 16.7 25.1

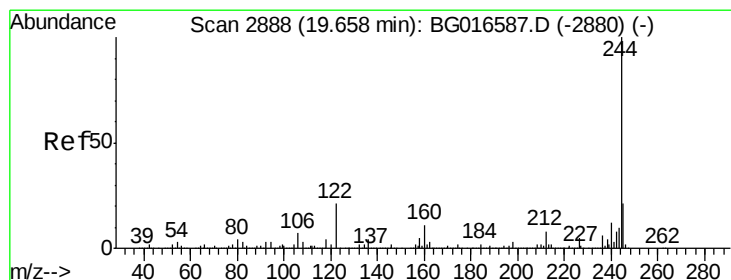
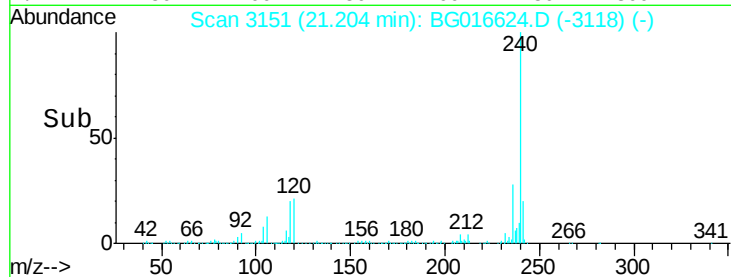
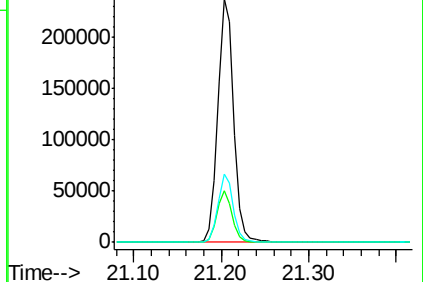
236 28.1 21.7 32.5



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: 6.11 ng

RT: 19.65 min Scan# 2887

Delta R.T. -0.01 min

Lab File: BG016624.D

Acq: 22 Apr 2015 17:55

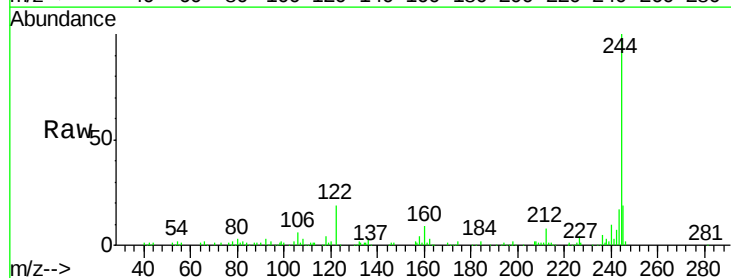
Tgt Ion:244 Resp: 75636

Ion Ratio Lower Upper

244 100

212 8.1 6.8 10.2

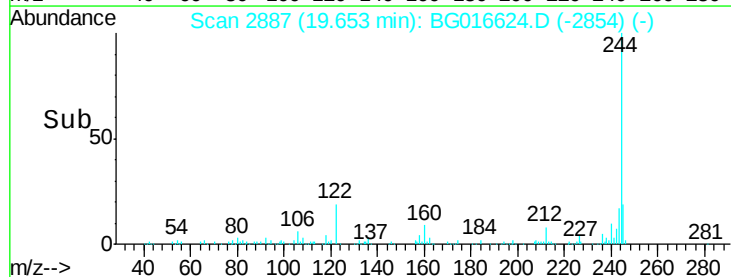
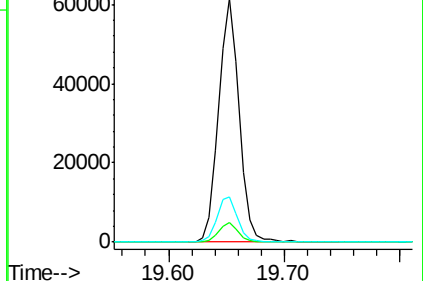
122 18.7 17.0 25.6

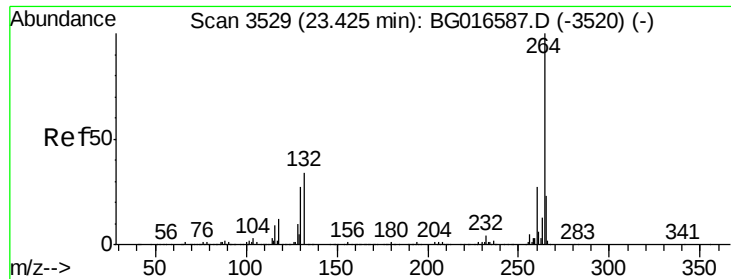


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 23.42 min Scan# 3529
 Delta R.T. 0.00 min
 Lab File: BG016624.D
 Acq: 22 Apr 2015 17:55

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 264 Resp: 281172
 Ion Ratio Lower Upper
 264 100
 260 25.6 21.4 32.2
 265 21.0 18.7 28.1

