

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042115\
 Data File : BG016613.D
 Acq On : 22 Apr 2015 10:18
 Operator : TP/IZ
 Sample : G1948-05
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 22 15:56:00 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

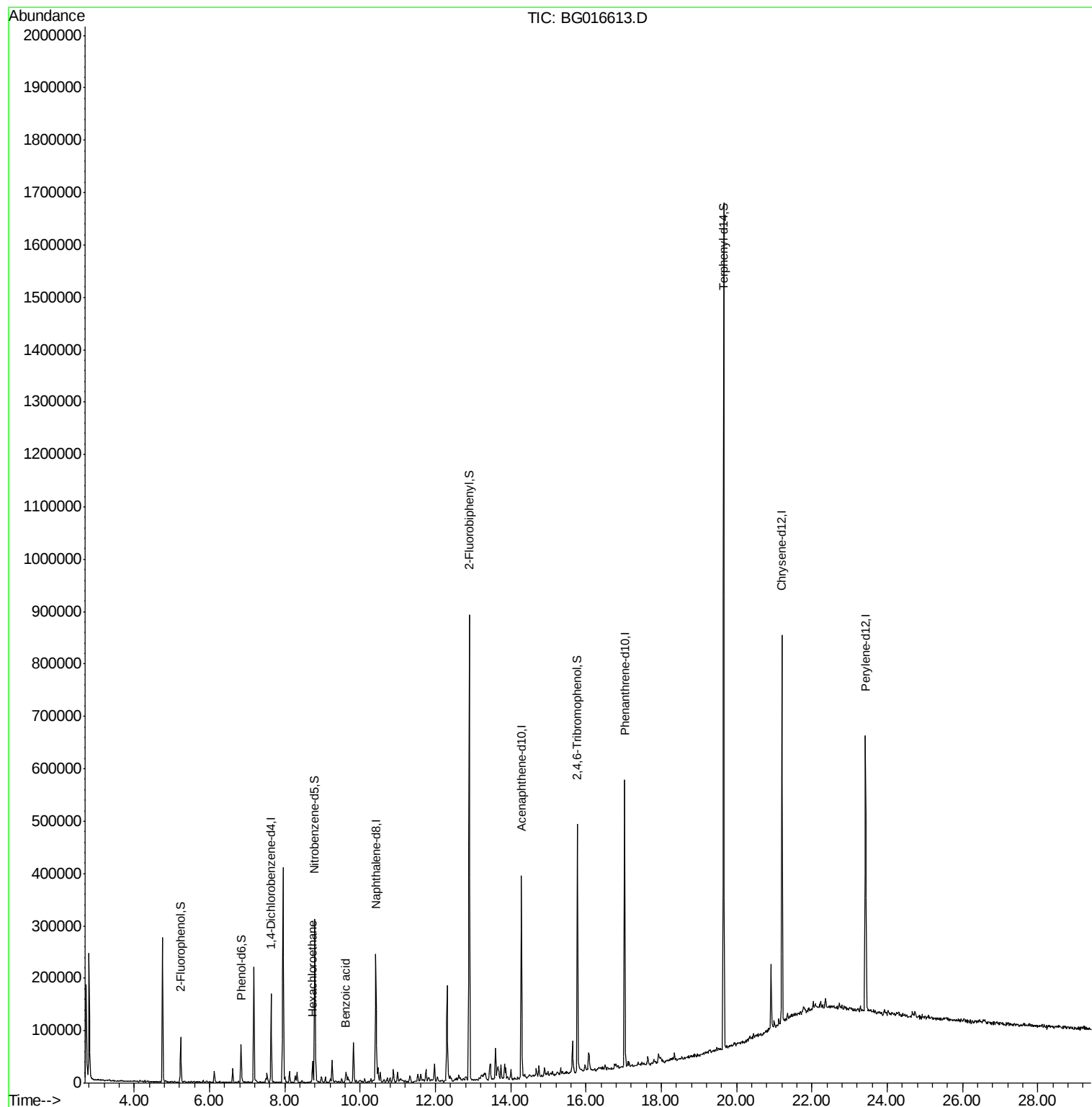
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	47371	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	203505	20.00	ng	0.00
38) Acenaphthene-d10	14.28	164	120707	20.00	ng	0.00
63) Phenanthrene-d10	17.02	188	301905	20.00	ng	0.00
75) Chrysene-d12	21.21	240	311715	20.00	ng	0.00
86) Perylene-d12	23.42	264	293223	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	44037	14.90	ng	0.00
7) Phenol-d6	6.84	99	51134	12.38	ng	0.00
23) Nitrobenzene-d5	8.79	82	184016	55.68	ng	0.00
41) 2,4,6-Tribromophenol	15.77	330	66171	80.71	ng	0.00
44) 2-Fluorobiphenyl	12.90	172	444702	61.01	ng	0.00
78) Terphenyl-d14	19.66	244	620723	47.97	ng	0.00
Target Compounds						
18) Hexachloroethane	8.74	117	8730	6.48	ng	# 38
32) Benzoic acid	9.62	122	779	7.77	ng	# 80

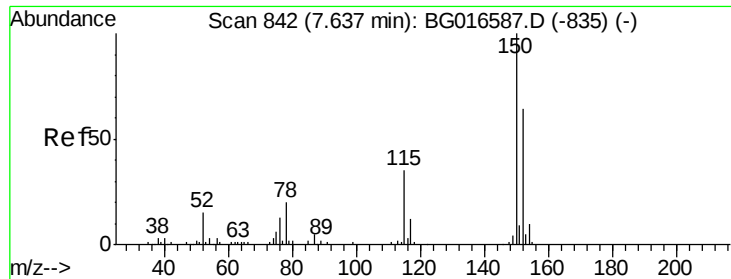
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042115\
Data File : BG016613.D
Acq On : 22 Apr 2015 10:18
Operator : TP/IZ
Sample : G1948-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Apr 22 15:56:00 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



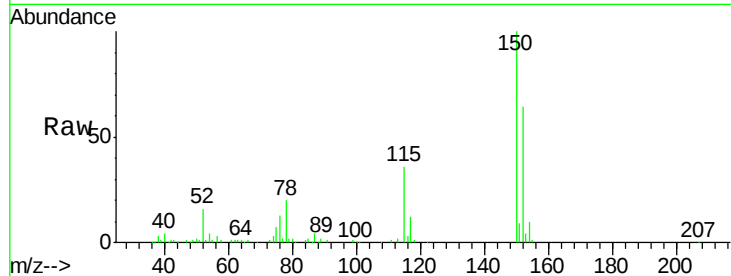


#1

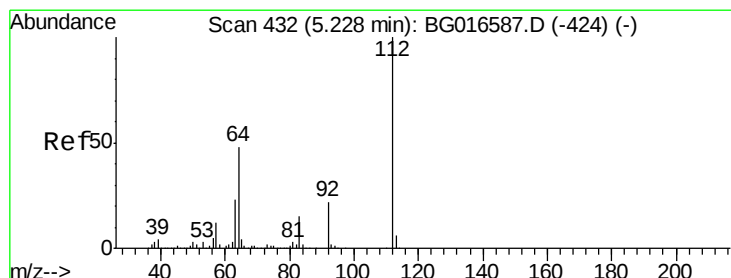
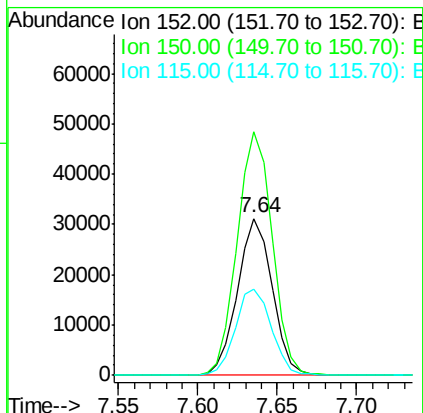
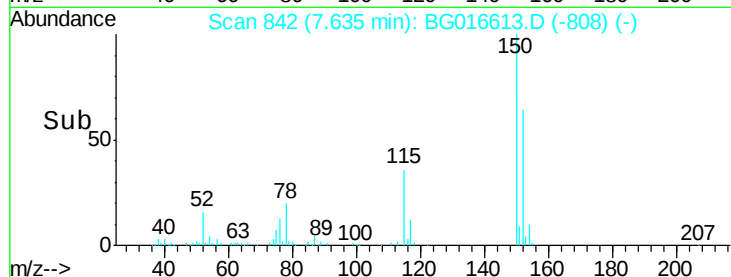
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.64 min Scan# 842
Delta R.T. -0.00 min
Lab File: BG016613.D
Acq: 22 Apr 2015 10:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	125.5	188.3
115	55.2	44.5	66.7



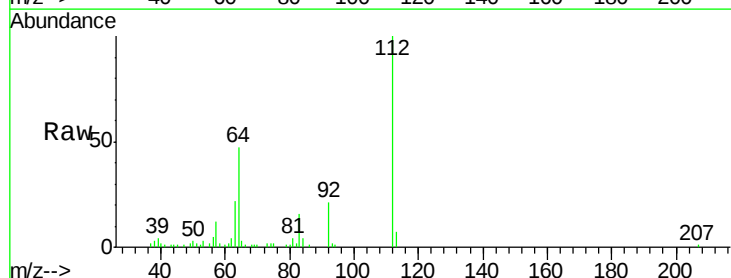
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



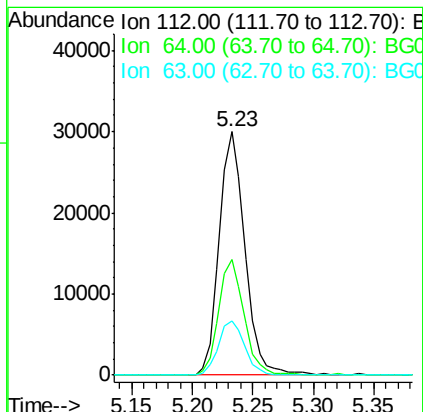
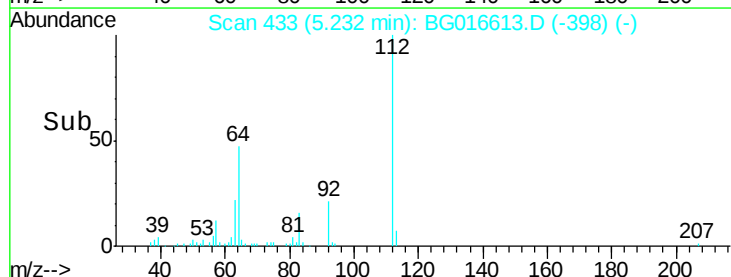
#5

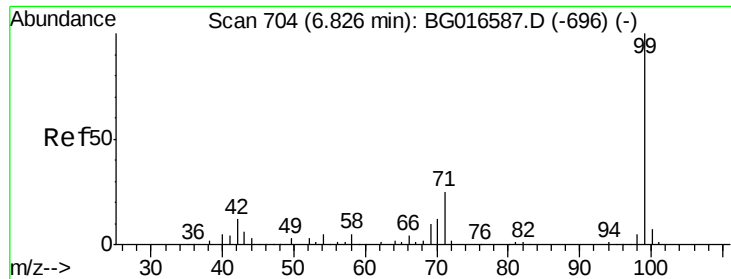
2-Fluorophenol
Concen: 14.90 ng
RT: 5.23 min Scan# 433
Delta R.T. 0.00 min
Lab File: BG016613.D
Acq: 22 Apr 2015 10:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	47.4	38.5	57.7
63	22.0	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





#7

Phenol-d6

Concen: 12.38 ng

RT: 6.84 min Scan# 706

Delta R.T. 0.01 min

Lab File: BG016613.D

Acq: 22 Apr 2015 10:18

Instrument :

BNA_G

ClientSampleId :

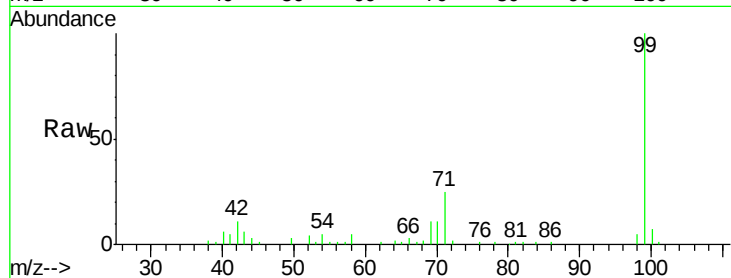
Tot Ion: 99 Resp: 51134

Ion Ratio Lower Upper

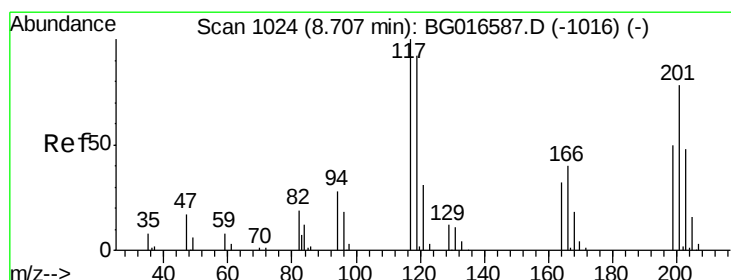
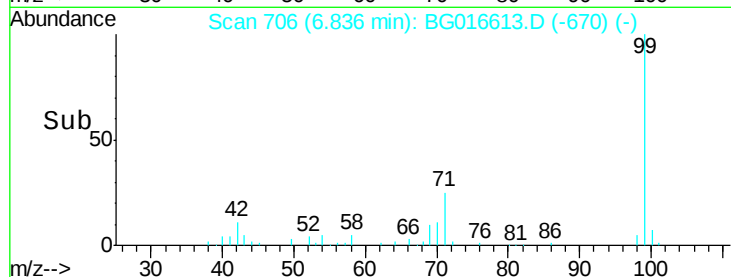
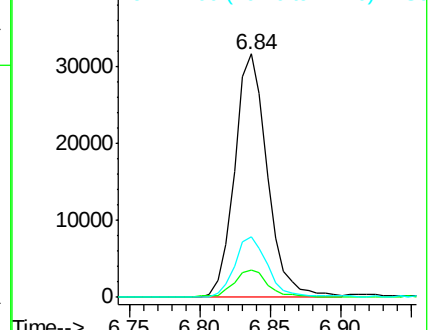
99 100

42 11.4 9.5 14.3

71 24.7 20.2 30.2



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



#18

Hexachloroethane

Concen: 6.48 ng

RT: 8.74 min Scan# 1030

Delta R.T. 0.03 min

Lab File: BG016613.D

Acq: 22 Apr 2015 10:18

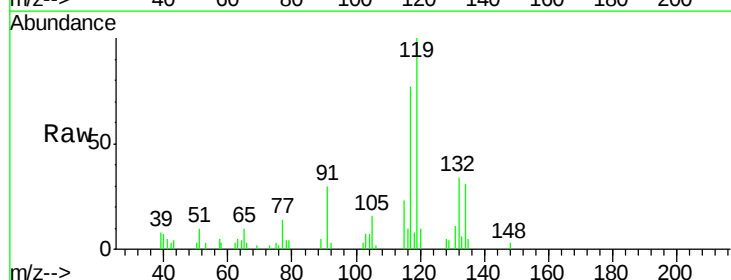
Tgt Ion: 117 Resp: 8730

Ion Ratio Lower Upper

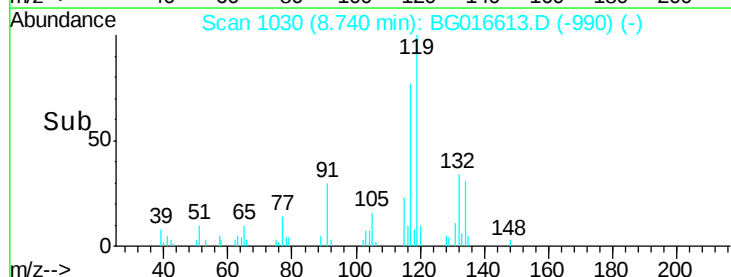
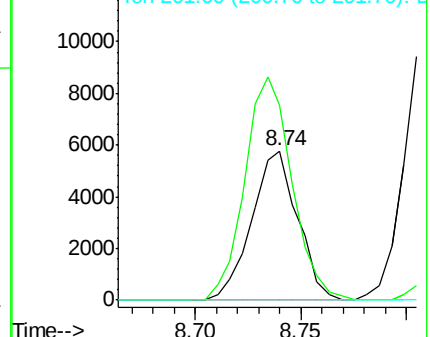
117 100

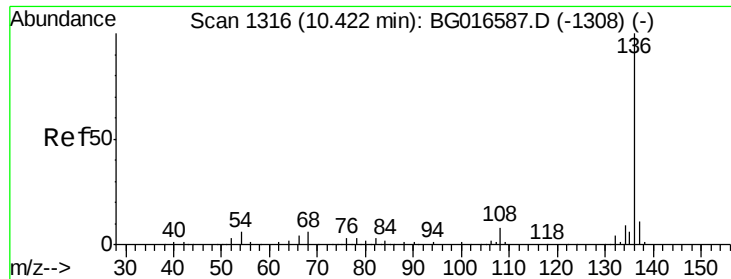
119 130.2 73.8 110.8#

201 0.0 62.2 93.2#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.42 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BG016613.D

Acq: 22 Apr 2015 10:18

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 203505

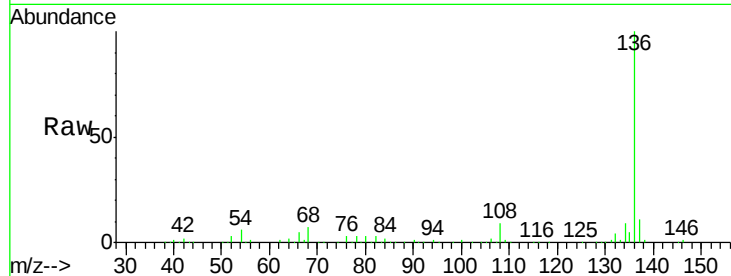
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 6.4 4.9 7.3

68 6.9 4.9 7.3

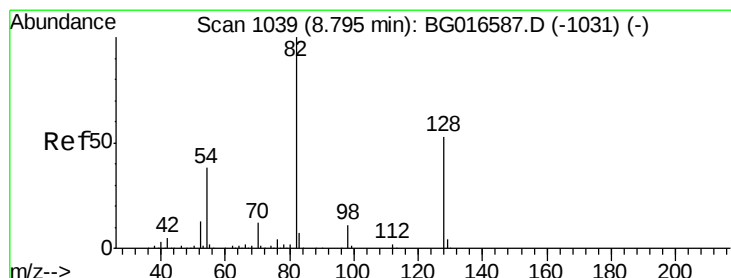
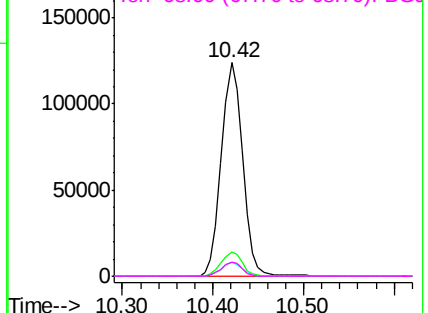
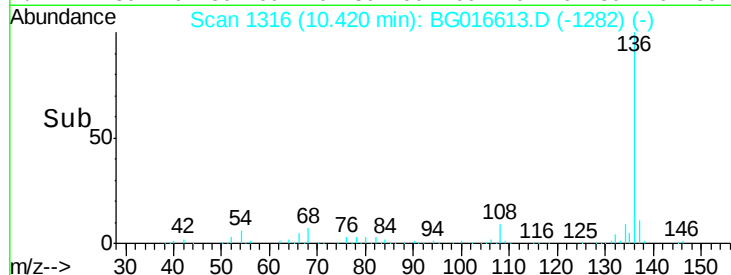


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 55.68 ng

RT: 8.79 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BG016613.D

Acq: 22 Apr 2015 10:18

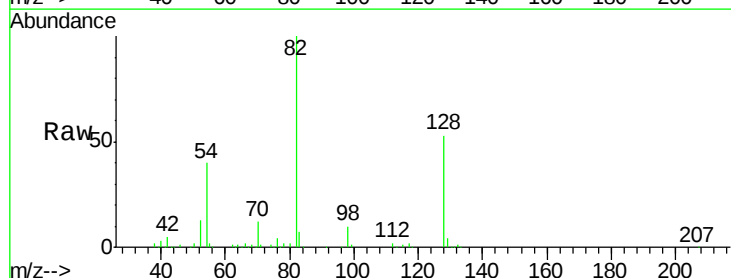
Tgt Ion: 82 Resp: 184016

Ion Ratio Lower Upper

82 100

128 53.3 42.7 64.1

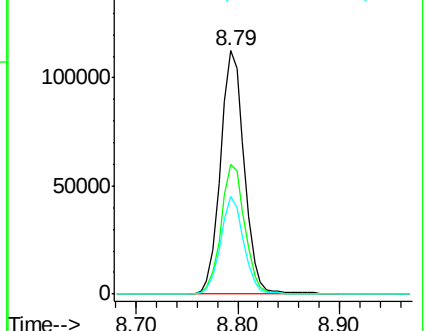
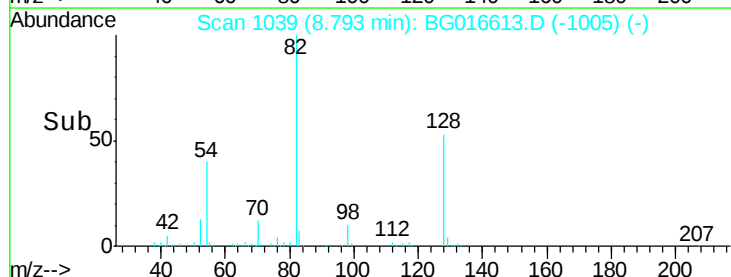
54 39.9 30.6 45.8

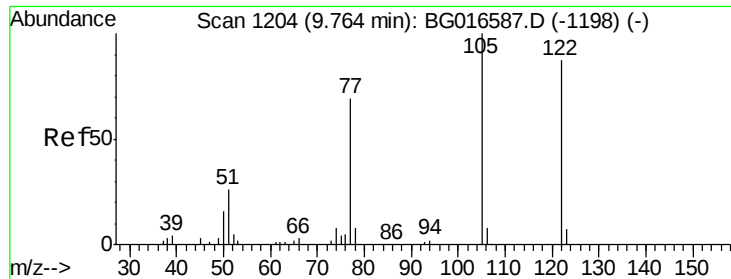


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

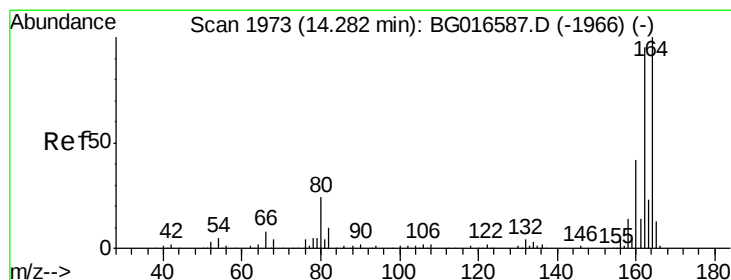
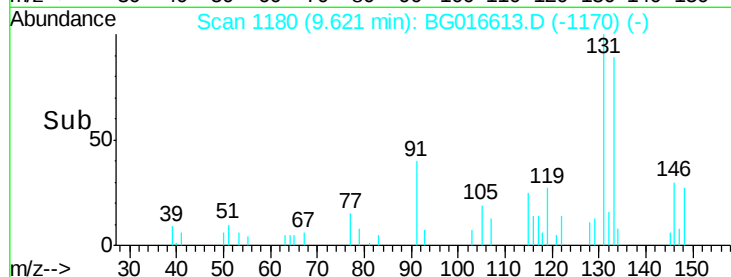
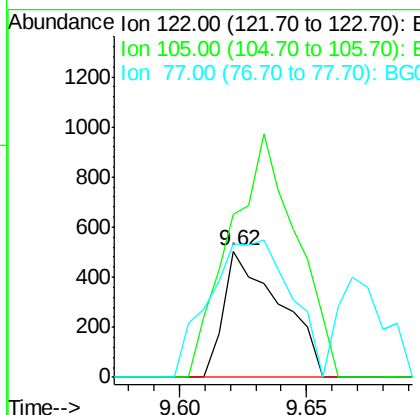
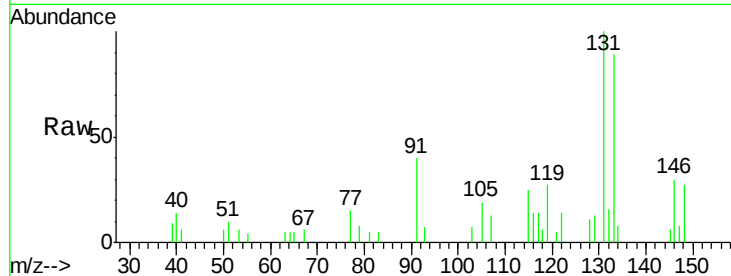




#32
Benzoic acid
Concen: 7.77 ng
RT: 9.62 min Scan# 1180
Delta R.T. -0.14 min
Lab File: BG016613.D
Acq: 22 Apr 2015 10:18

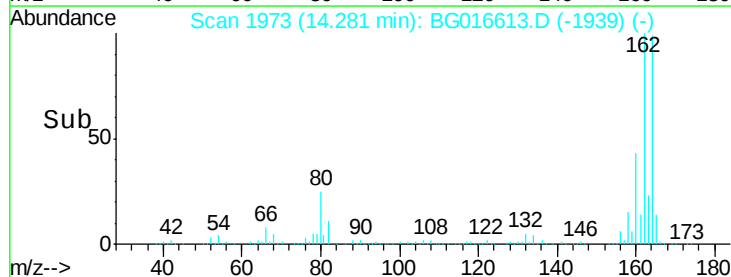
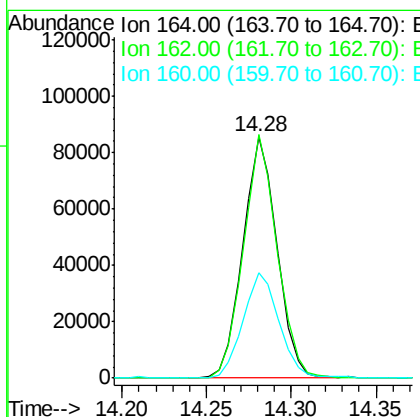
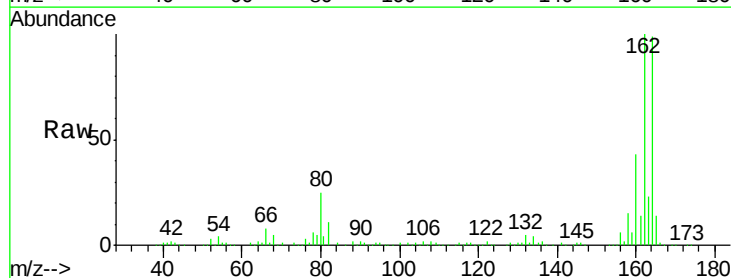
Instrument :
BNA_G
ClientSampled :

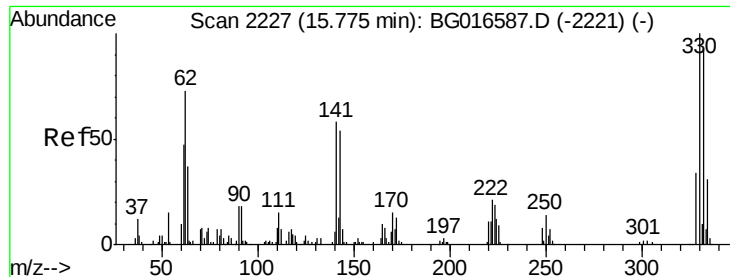
Tot Ion:122 Resp: 779
Ion Ratio Lower Upper
122 100
105 129.6 95.5 135.5
77 106.0 60.2 100.2#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.28 min Scan# 1973
Delta R.T. -0.00 min
Lab File: BG016613.D
Acq: 22 Apr 2015 10:18

Tgt Ion:164 Resp: 120707
Ion Ratio Lower Upper
164 100
162 100.9 75.8 113.6
160 43.6 33.8 50.6

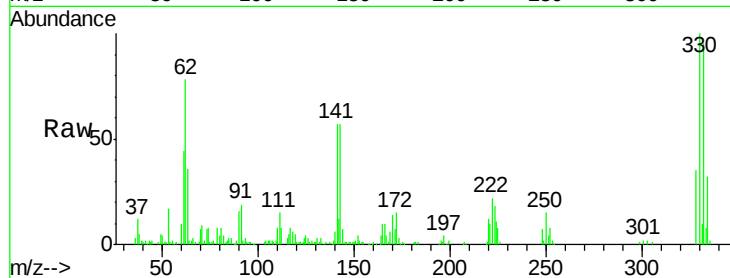




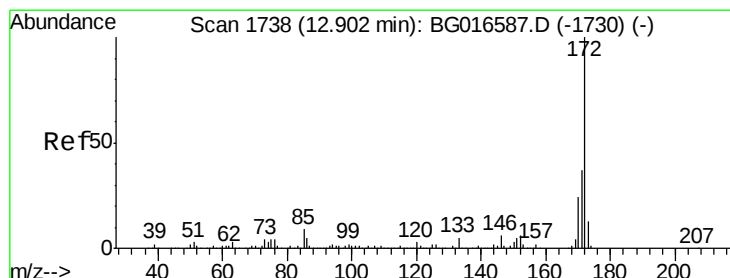
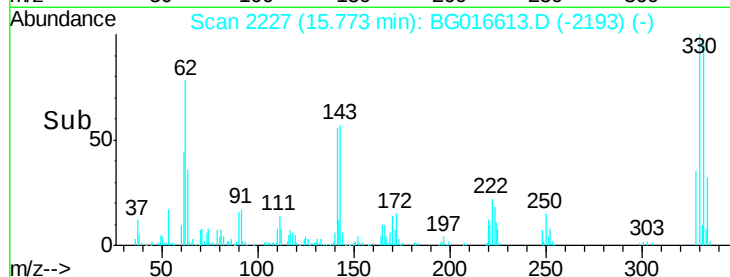
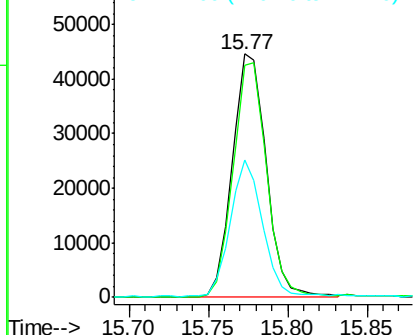
#41
 2,4,6-Tribromophenol
 Concen: 80.71 ng
 RT: 15.77 min Scan# 2227
 Delta R.T. -0.00 min
 Lab File: BG016613.D
 Acq: 22 Apr 2015 10:18

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:330 Resp: 66171
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.6 114.8
 141 53.3 45.9 68.9

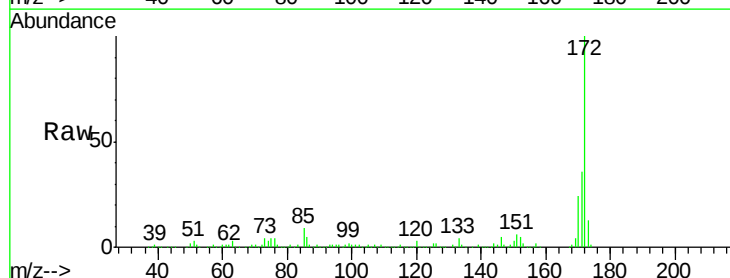


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

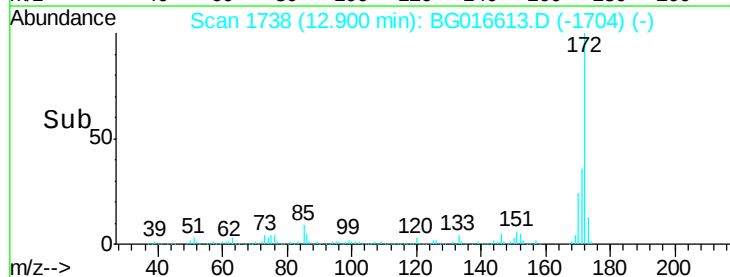
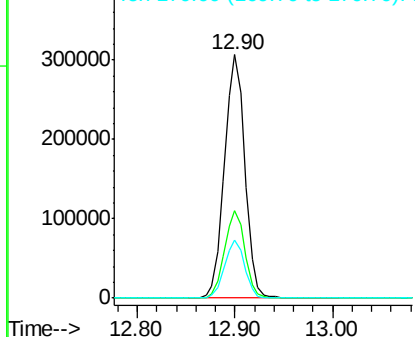


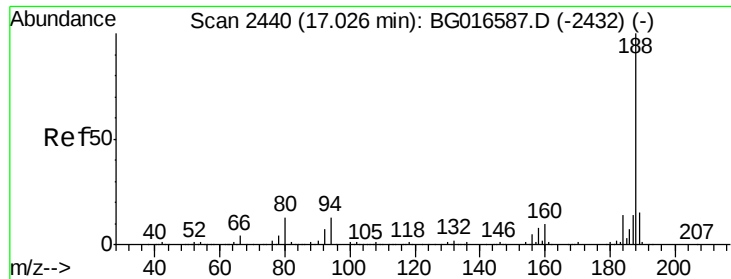
#44
 2-Fluorobiphenyl
 Concen: 61.01 ng
 RT: 12.90 min Scan# 1738
 Delta R.T. -0.00 min
 Lab File: BG016613.D
 Acq: 22 Apr 2015 10:18

Tgt Ion:172 Resp: 444702
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.6 44.4
 170 23.6 19.4 29.0



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

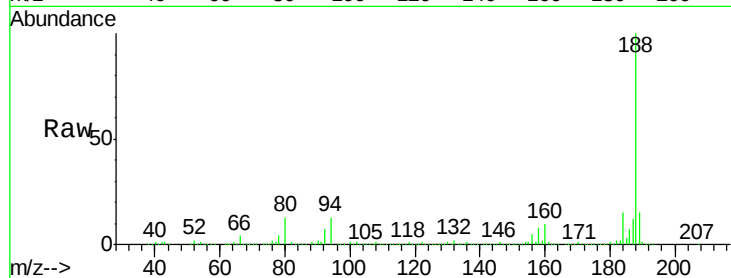




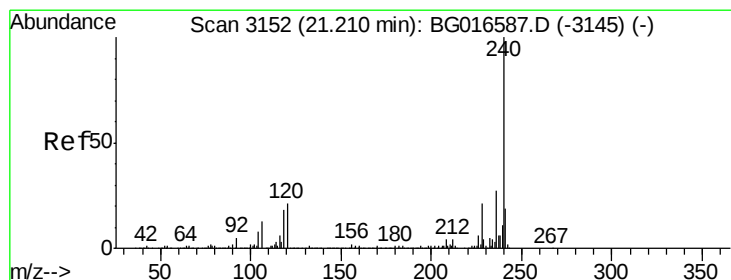
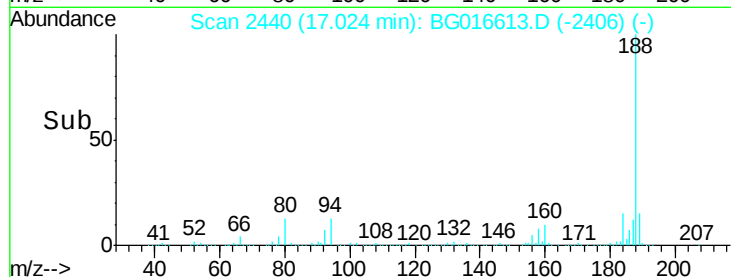
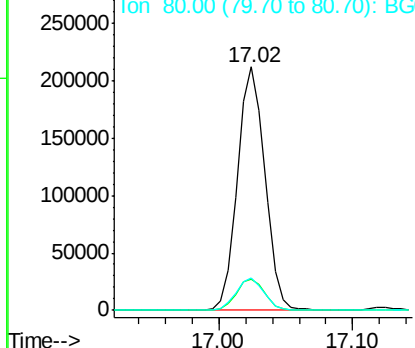
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.02 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG016613.D
Acq: 22 Apr 2015 10:18

Instrument :
BNA_G
ClientSampled :

Tot Ion:188 Resp: 301905
Ion Ratio Lower Upper
188 100
94 12.7 10.5 15.7
80 13.2 10.6 16.0

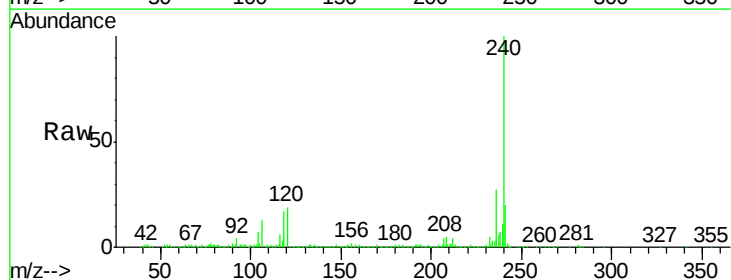


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): B
Ion 80.00 (79.70 to 80.70): B

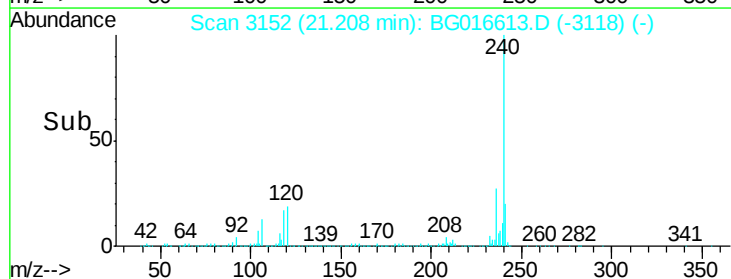
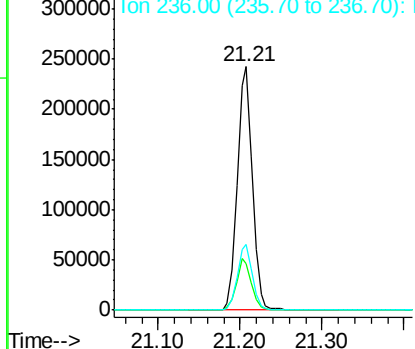


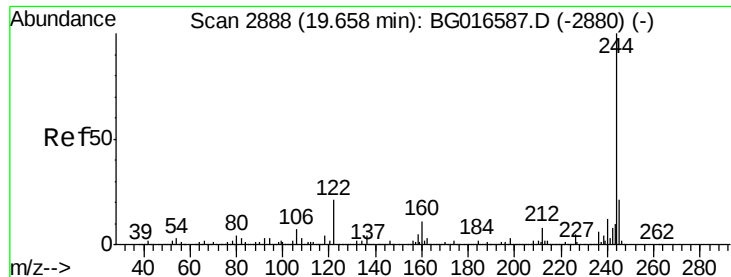
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.21 min Scan# 3152
Delta R.T. -0.00 min
Lab File: BG016613.D
Acq: 22 Apr 2015 10:18

Tgt Ion:240 Resp: 311715
Ion Ratio Lower Upper
240 100
120 19.3 16.7 25.1
236 26.9 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: 47.97 ng

RT: 19.66 min Scan# 2888

Delta R.T. -0.00 min

Lab File: BG016613.D

Acq: 22 Apr 2015 10:18

Instrument :

BNA_G

ClientSampleId :

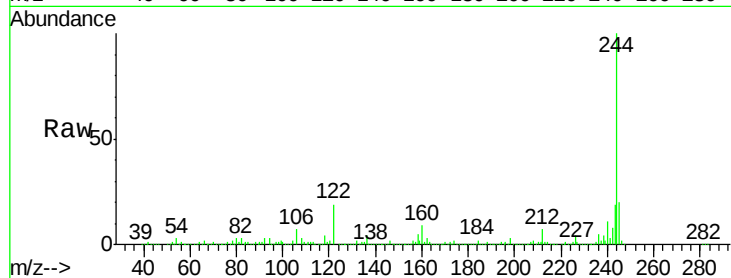
Tot Ion:244 Resp: 620723

Ion Ratio Lower Upper

244 100

212 7.5 6.8 10.2

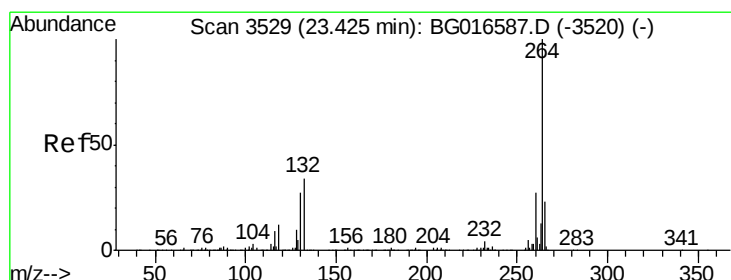
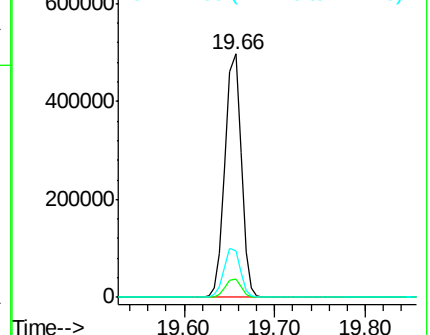
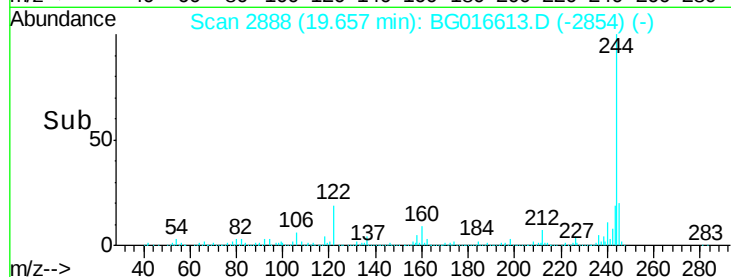
122 19.3 17.0 25.6



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

Perylene-d12

Concen: 20.00 ng

RT: 23.42 min Scan# 3529

Delta R.T. -0.00 min

Lab File: BG016613.D

Acq: 22 Apr 2015 10:18

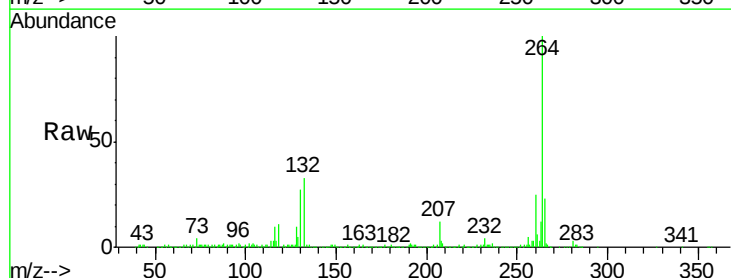
Tgt Ion:264 Resp: 293223

Ion Ratio Lower Upper

264 100

260 24.8 21.4 32.2

265 23.1 18.7 28.1



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

