

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042215\
 Data File : BG016619.D
 Acq On : 22 Apr 2015 15:01
 Operator : TP/IZ
 Sample : G1948-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-10

Quant Time: Apr 23 13:34:37 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 01:45:23 2015
 Response via : Initial Calibration

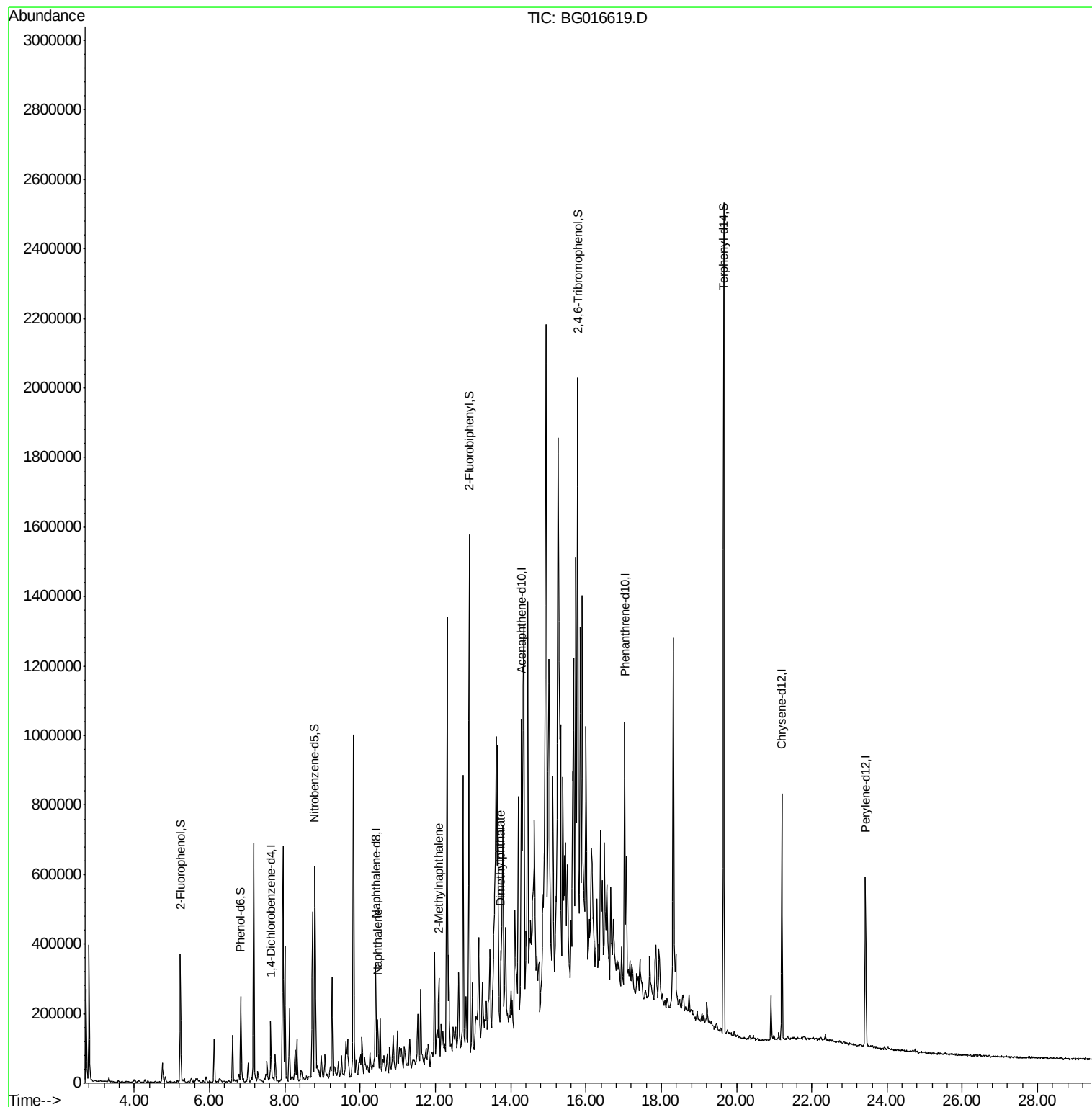
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	47575	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	214285	20.00	ng	0.00
38) Acenaphthene-d10	14.28	164	146608	20.00	ng	0.00
63) Phenanthrene-d10	17.03	188	326152	20.00	ng	0.00
75) Chrysene-d12	21.20	240	293542	20.00	ng	0.00
86) Perylene-d12	23.42	264	275194	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	180858	60.93	ng	0.00
7) Phenol-d6	6.83	99	166619	40.18	ng	0.00
23) Nitrobenzene-d5	8.80	82	306670	88.12	ng	0.00
41) 2,4,6-Tribromophenol	15.78	330	143934	144.55	ng	0.00
44) 2-Fluorobiphenyl	12.90	172	735189	83.05	ng	0.00
78) Terphenyl-d14	19.66	244	902760	74.09	ng	0.00
Target Compounds						
31) Naphthalene	10.47	128	27277	2.44	ng	# 74
37) 2-Methylnaphthalene	12.09	142	118039	14.74	ng	98
49) Dimethylphthalate	13.74	163	22058	2.03	ng	# 88

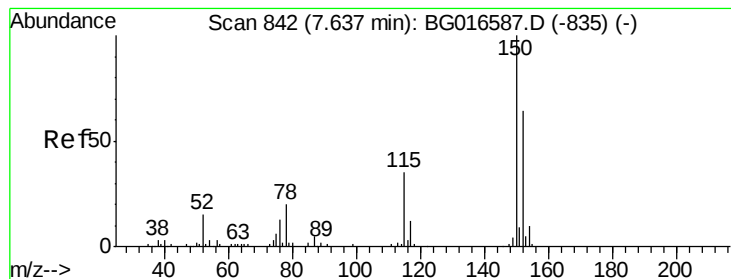
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 23 13:34:37 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 23 01:45:23 2015
Response via : Initial Calibration



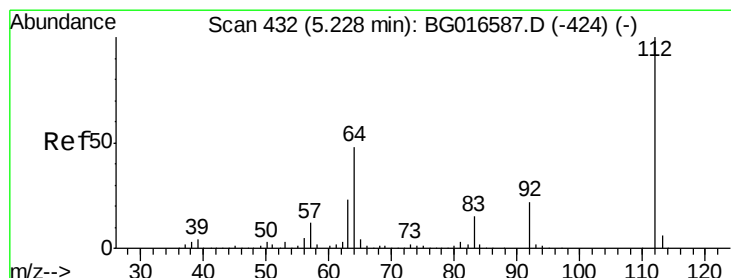
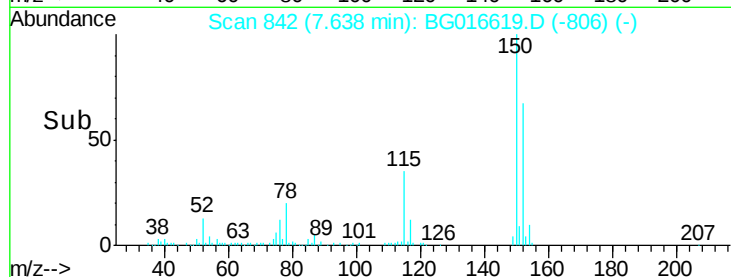
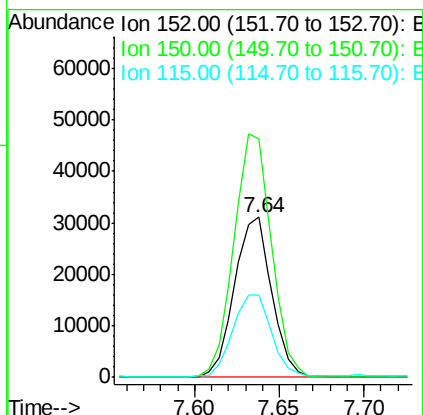
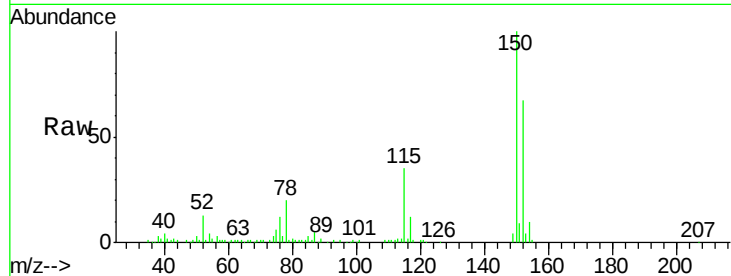


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.64 min Scan# 842
Delta R.T. 0.01 min
Lab File: BG016619.D
Acq: 22 Apr 2015 15:01

Instrument :
BNA_G
ClientSampleId :
MW-10

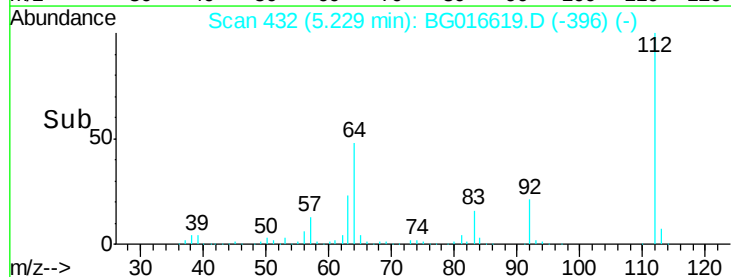
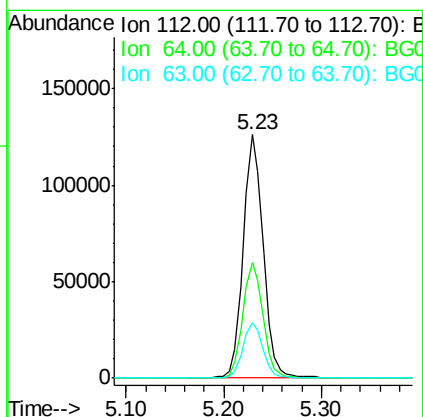
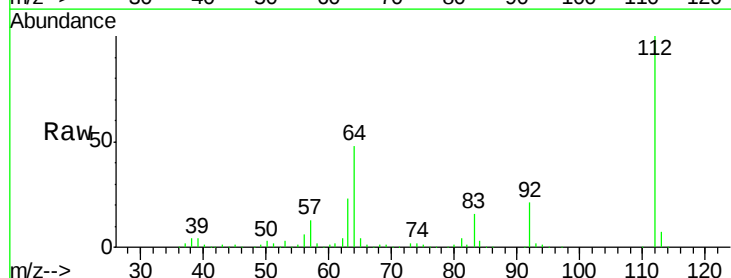
Tot Ion:152 Resp: 47575
Ion Ratio Lower Upper
152 100
150 149.1 125.5 188.3
115 51.5 44.5 66.7

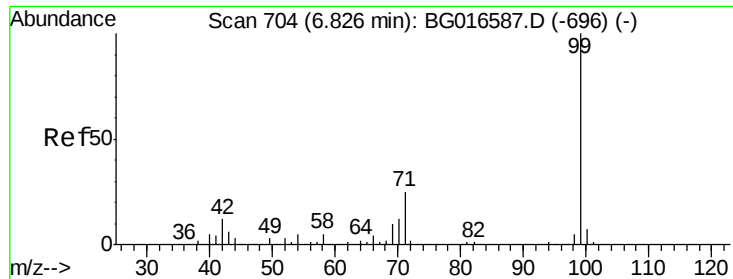


#5

2-Fluorophenol
Concen: 60.93 ng
RT: 5.23 min Scan# 432
Delta R.T. 0.01 min
Lab File: BG016619.D
Acq: 22 Apr 2015 15:01

Tgt Ion:112 Resp: 180858
Ion Ratio Lower Upper
112 100
64 47.6 38.5 57.7
63 22.9 18.2 27.4





#7

Phenol-d6

Concen: 40.18 ng

RT: 6.83 min Scan# 705

Delta R.T. 0.01 min

Lab File: BG016619.D

Acq: 22 Apr 2015 15:01

Instrument :

BNA_G

ClientSampleId :

MW-10

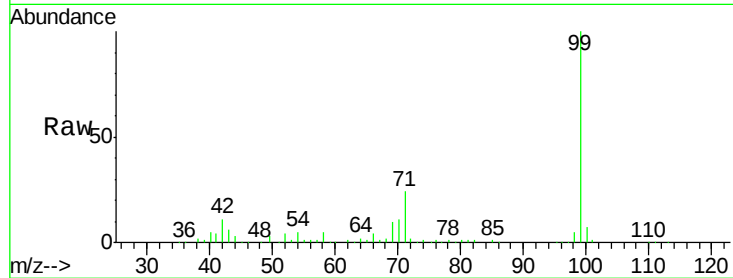
Tot Ion: 99 Resp: 166619

Ion Ratio Lower Upper

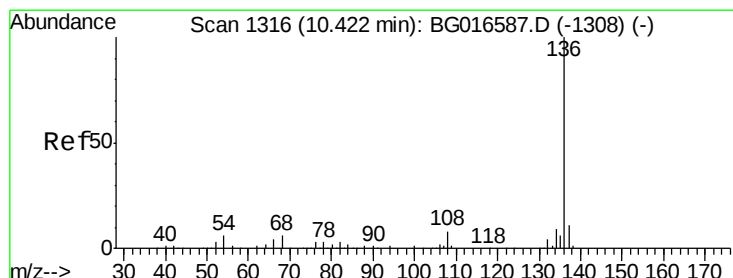
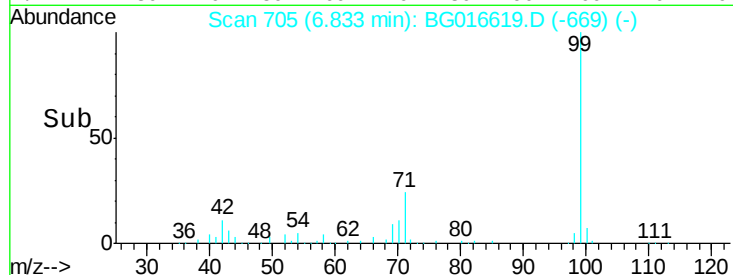
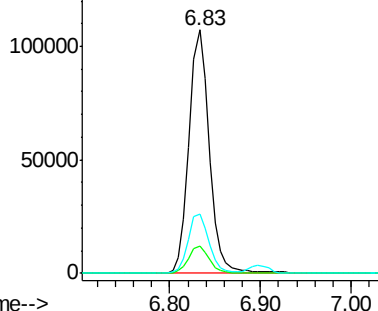
99 100

42 11.2 9.5 14.3

71 24.3 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.42 min Scan# 1315

Delta R.T. -0.00 min

Lab File: BG016619.D

Acq: 22 Apr 2015 15:01

Tgt Ion: 136 Resp: 214285

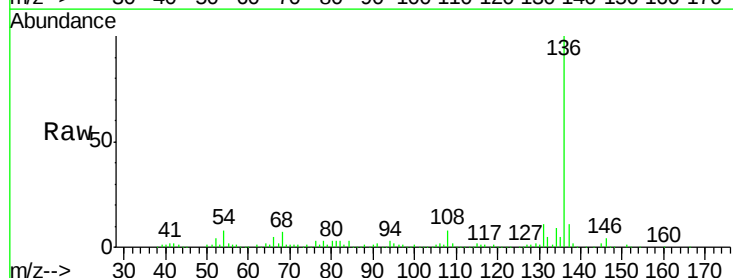
Ion Ratio Lower Upper

136 100

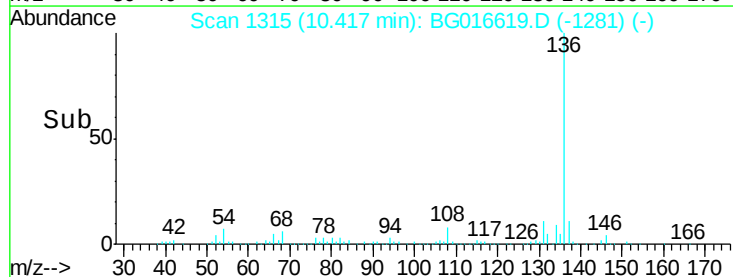
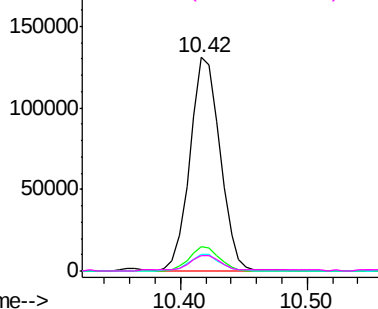
137 11.4 8.8 13.2

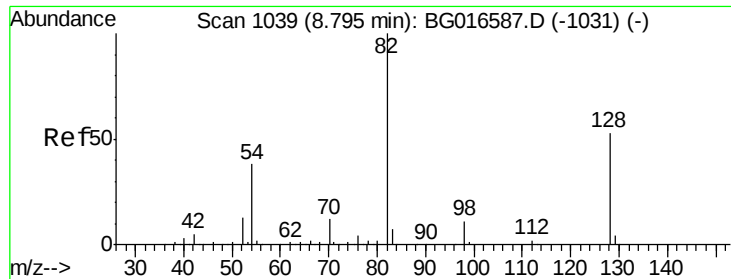
54 7.6 4.9 7.3#

68 6.9 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

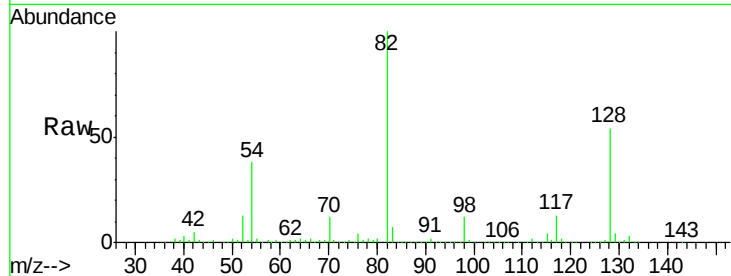




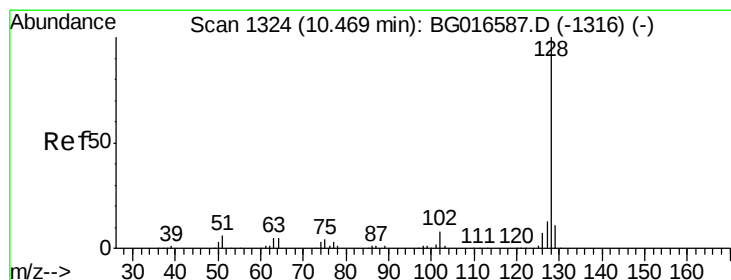
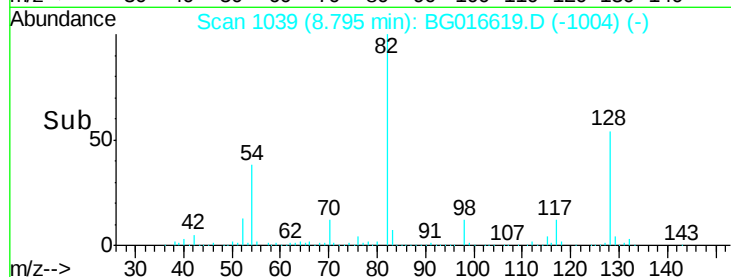
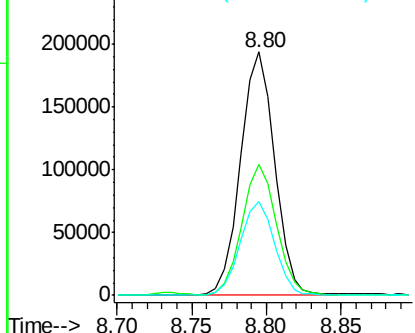
#23
Nitrobenzene-d5
Concen: 88.12 ng
RT: 8.80 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BG016619.D
Acq: 22 Apr 2015 15:01

Instrument :
BNA_G
ClientSampleId :
MW-10

Tot Ion: 82 Resp: 306670
Ion Ratio Lower Upper
82 100
128 54.1 42.7 64.1
54 38.4 30.6 45.8

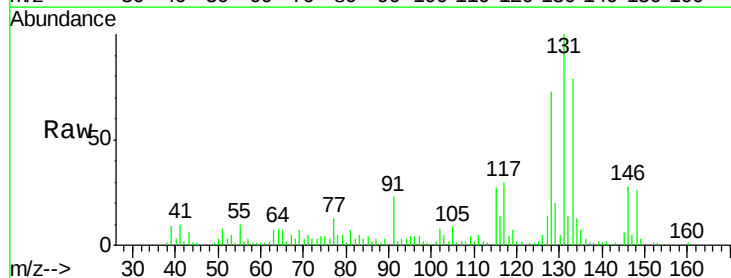


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

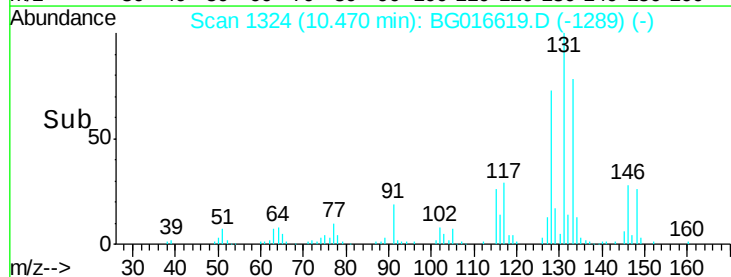
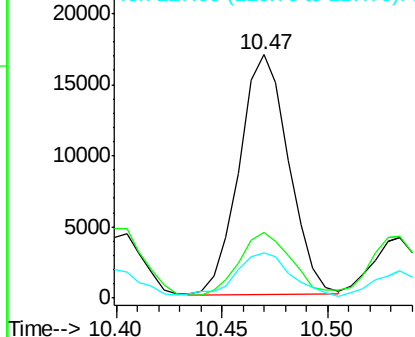


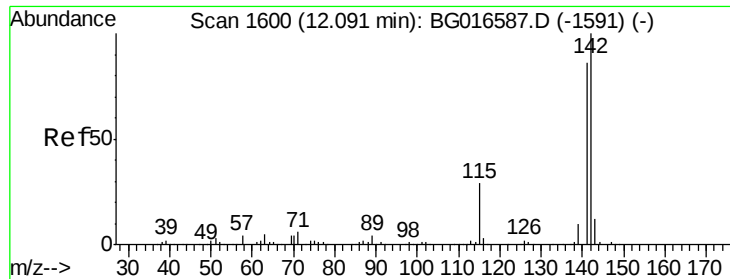
#31
Naphthalene
Concen: 2.44 ng
RT: 10.47 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BG016619.D
Acq: 22 Apr 2015 15:01

Tgt Ion: 128 Resp: 27277
Ion Ratio Lower Upper
128 100
129 26.8 9.2 13.8#
127 18.6 10.6 16.0#



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 129.00 (128.70 to 129.70): BGC
Ion 127.00 (126.70 to 127.70): BGC

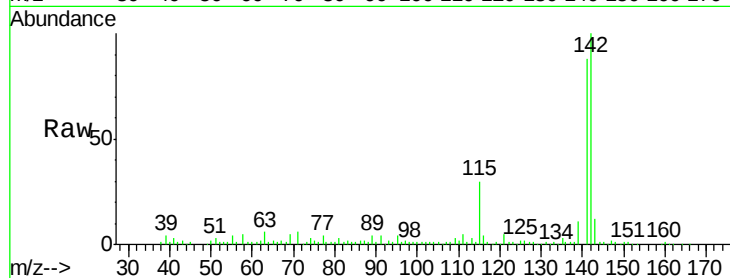




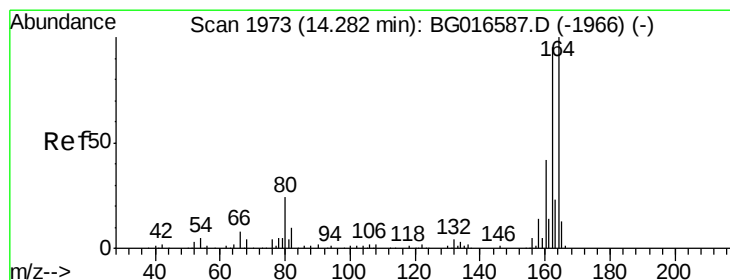
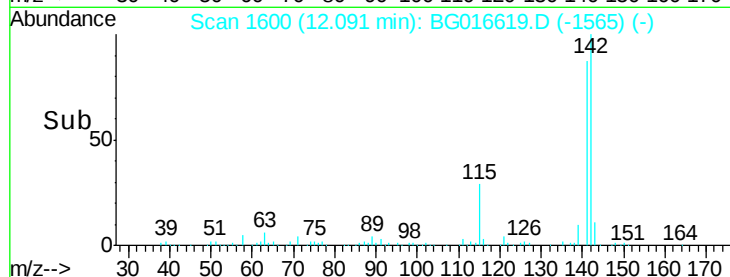
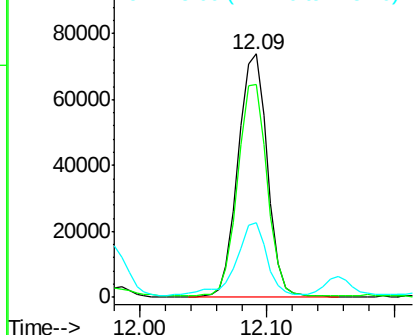
#37
2-Methylnaphthalene
Concen: 14.74 ng
RT: 12.09 min Scan# 1600
Delta R.T. 0.00 min
Lab File: BG016619.D
Acq: 22 Apr 2015 15:01

Instrument :
BNA_G
ClientSampleId :
MW-10

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.6	68.6	102.8
115	30.4	23.3	34.9

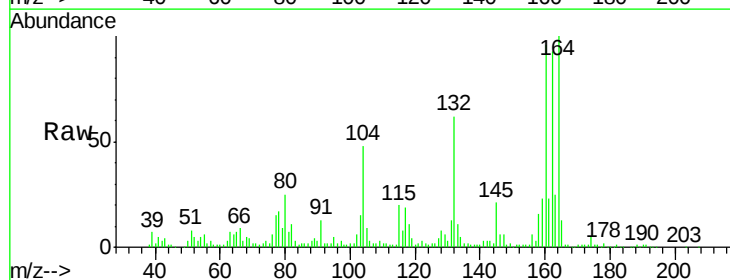


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

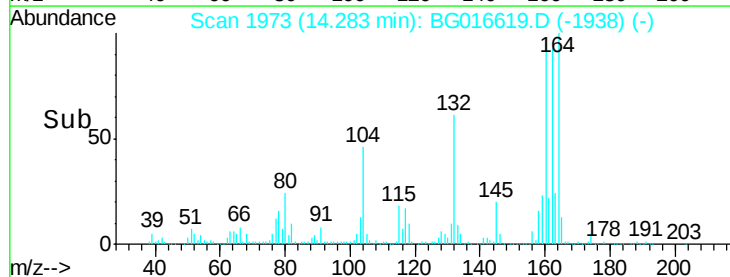
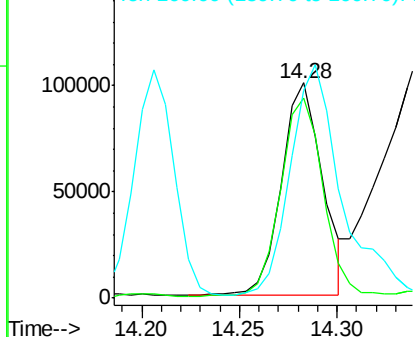


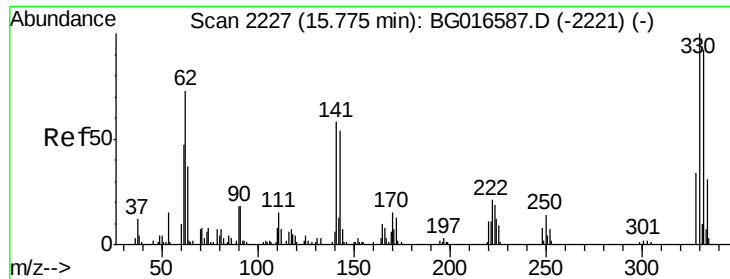
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.28 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BG016619.D
Acq: 22 Apr 2015 15:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	93.1	75.8	113.6
160	96.4	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

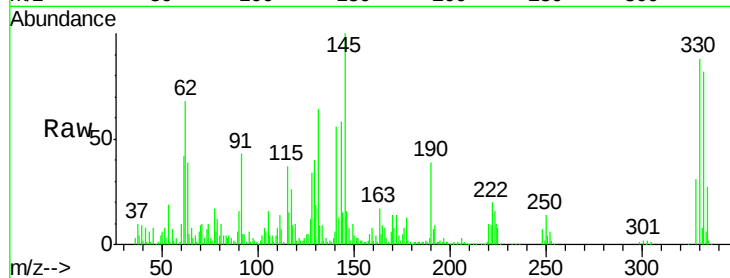




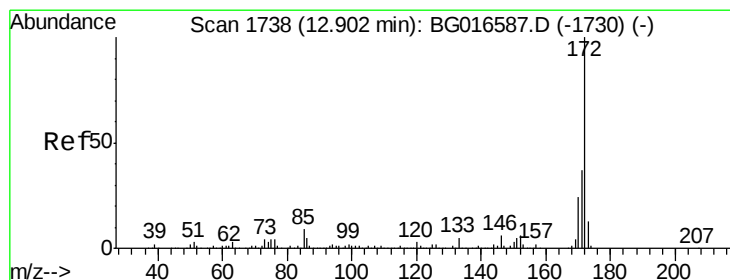
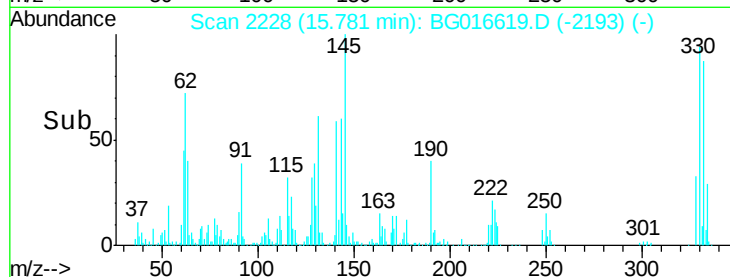
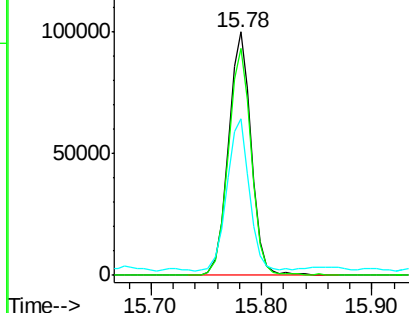
#41
 2,4,6-Tribromophenol
 Concen: 144.55 ng
 RT: 15.78 min Scan# 2228
 Delta R.T. 0.00 min
 Lab File: BG016619.D
 Acq: 22 Apr 2015 15:01

Instrument :
 BNA_G
 ClientSampleId :
 MW-10

Tot Ion:330 Resp: 143934
 Ion Ratio Lower Upper
 330 100
 332 93.9 76.6 114.8
 141 60.6 45.9 68.9

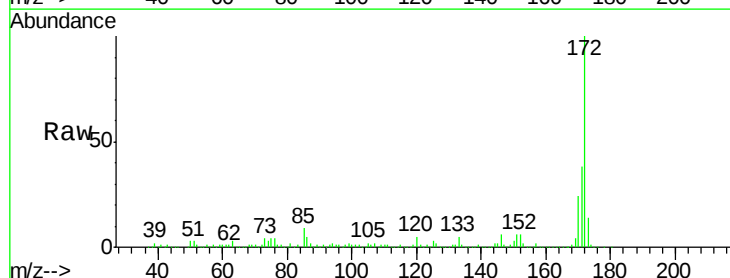


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

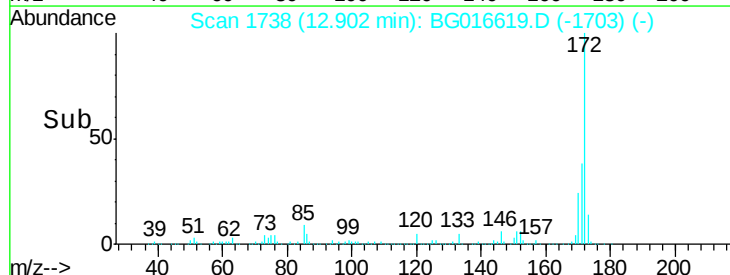
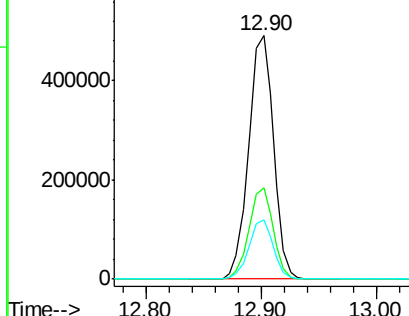


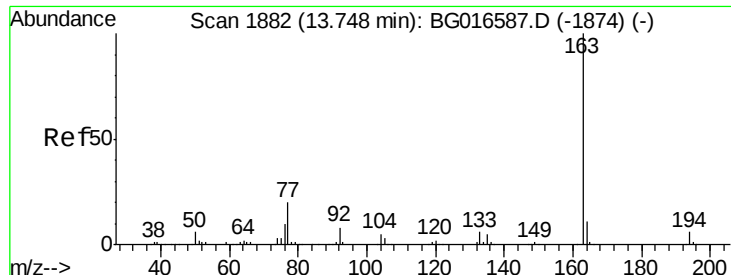
#44
 2-Fluorobiphenyl
 Concen: 83.05 ng
 RT: 12.90 min Scan# 1738
 Delta R.T. 0.00 min
 Lab File: BG016619.D
 Acq: 22 Apr 2015 15:01

Tgt Ion:172 Resp: 735189
 Ion Ratio Lower Upper
 172 100
 171 37.5 29.6 44.4
 170 24.4 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

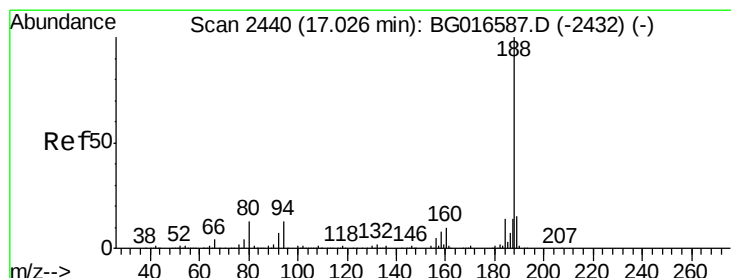
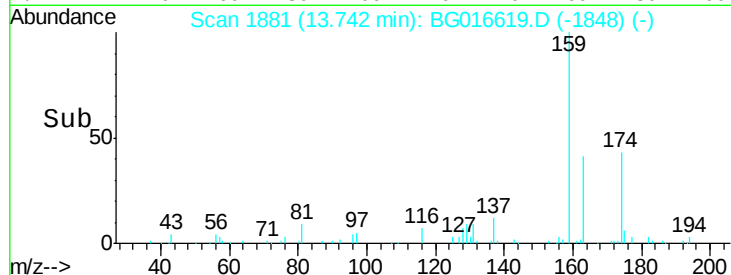
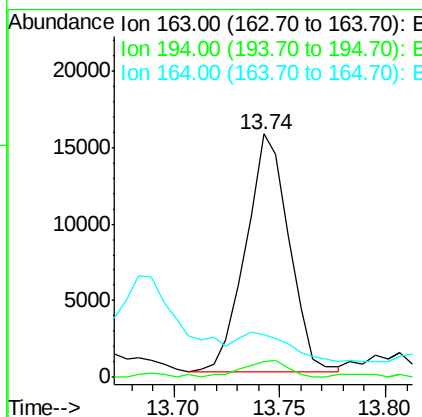
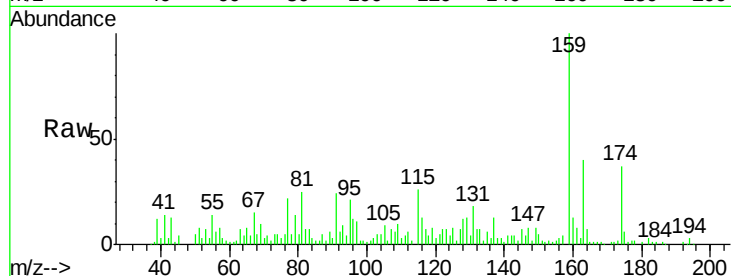




#49
Dimethylphthalate
Concen: 2.03 ng
RT: 13.74 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BG016619.D
Acq: 22 Apr 2015 15:01

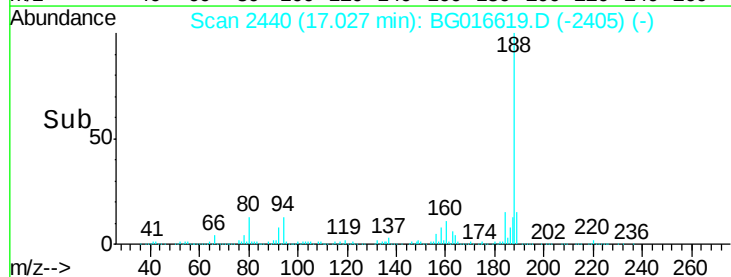
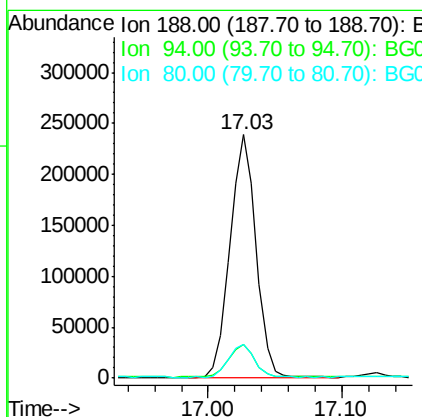
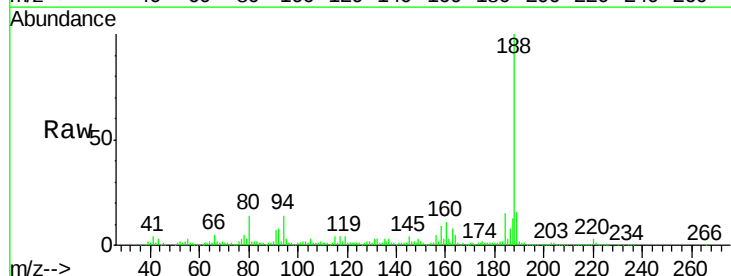
Instrument :
BNA_G
ClientSampleId :
MW-10

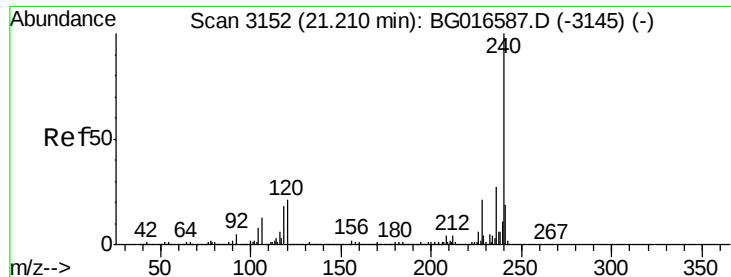
Tot Ion:163 Resp: 22058
Ion Ratio Lower Upper
163 100
194 6.4 4.9 7.3
164 17.7 8.6 12.8#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.03 min Scan# 2440
Delta R.T. 0.00 min
Lab File: BG016619.D
Acq: 22 Apr 2015 15:01

Tgt Ion:188 Resp: 326152
Ion Ratio Lower Upper
188 100
94 13.7 10.5 15.7
80 13.8 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: BG016619.D

Acq: 22 Apr 2015 15:01

Instrument :

BNA_G

ClientSampleId :

MW-10

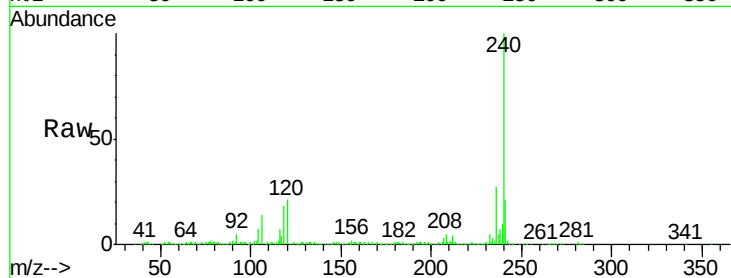
Tot Ion:240 Resp: 293542

Ion Ratio Lower Upper

240 100

120 21.0 16.7 25.1

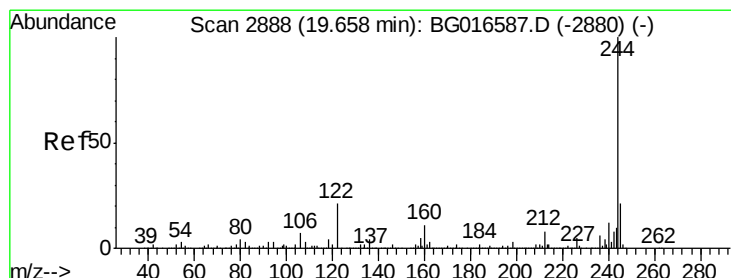
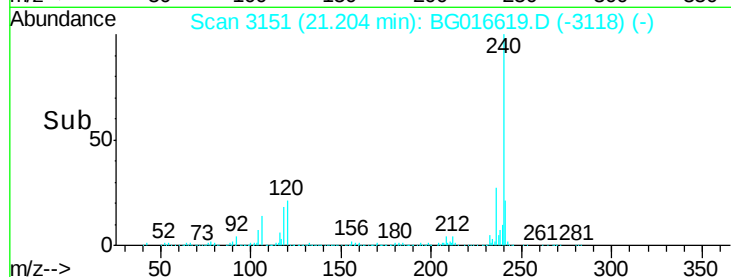
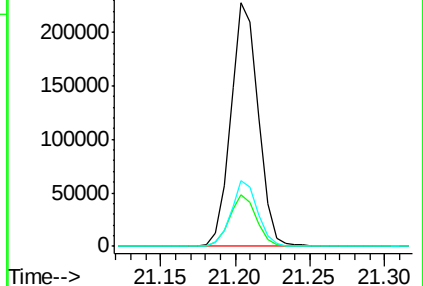
236 26.8 21.7 32.5



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: 74.09 ng

RT: 19.66 min Scan# 2888

Delta R.T. 0.00 min

Lab File: BG016619.D

Acq: 22 Apr 2015 15:01

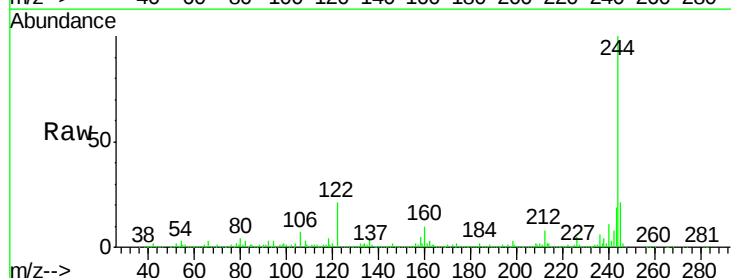
Tgt Ion:244 Resp: 902760

Ion Ratio Lower Upper

244 100

212 8.5 6.8 10.2

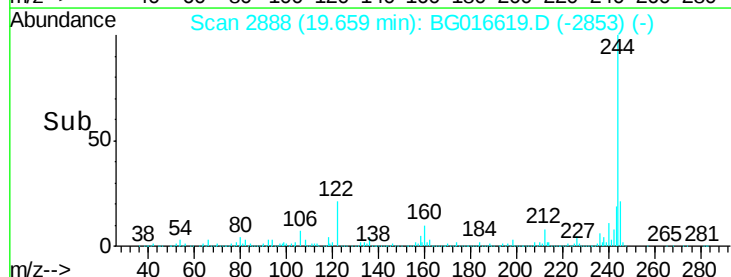
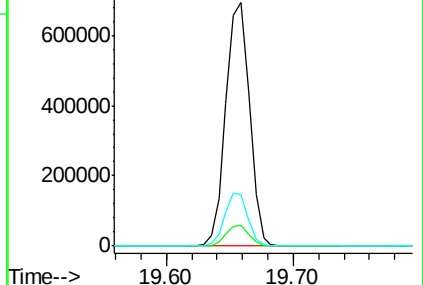
122 21.1 17.0 25.6

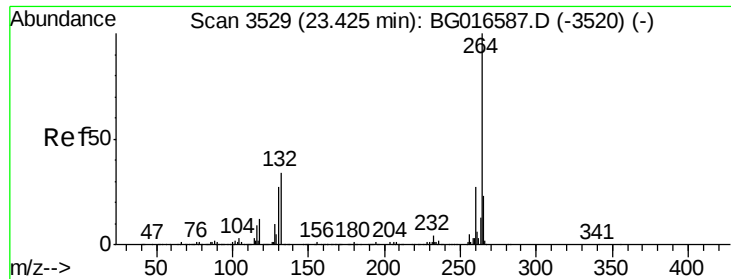


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

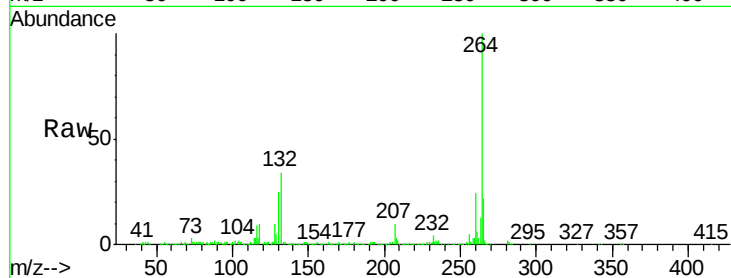




#86
Pervlene-d12
Concen: 20.00 ng
RT: 23.42 min Scan# 3529
Delta R.T. -0.00 min
Lab File: BG016619.D
Acq: 22 Apr 2015 15:01

Instrument :
BNA_G
ClientSampleId :
MW-10

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	21.4	32.2
265	22.1	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

