

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041415\
 Data File : BG016409.D
 Acq On : 14 Apr 2015 22:32
 Operator : TP/IZ
 Sample : G1848-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-35

Quant Time: Apr 15 04:12:00 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 14 14:00:56 2015
 Response via : Initial Calibration

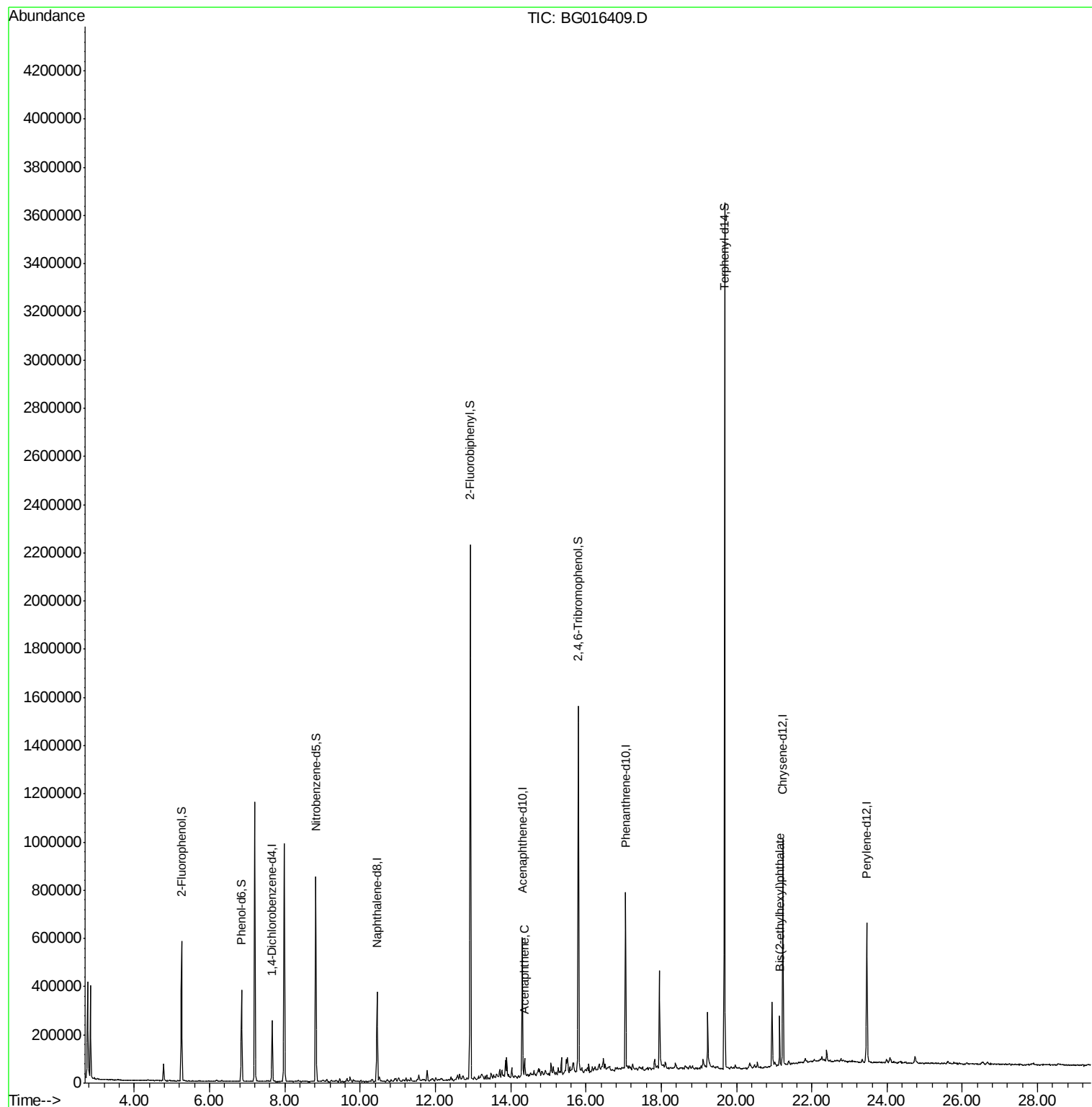
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	69857	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	309199	20.00	ng	-0.01
38) Acenaphthene-d10	14.31	164	182274	20.00	ng	0.00
63) Phenanthrene-d10	17.05	188	393418	20.00	ng	-0.01
75) Chrysene-d12	21.23	240	365500	20.00	ng	0.00
86) Perylene-d12	23.46	264	333033	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	281021	63.49	ng	0.00
7) Phenol-d6	6.85	99	245961	37.02	ng	-0.01
23) Nitrobenzene-d5	8.82	82	504301	94.48	ng	-0.01
41) 2,4,6-Tribromophenol	15.80	330	205832	166.98	ng	0.00
44) 2-Fluorobiphenyl	12.93	172	1081559	101.03	ng	0.00
78) Terphenyl-d14	19.68	244	1290812	82.66	ng	0.00
Target Compounds						
51) Acenaphthene	14.37	154	23701	2.09	ng	96
83) Bis(2-ethylhexyl)phthalate	21.15	149	72795	4.30	ng	96

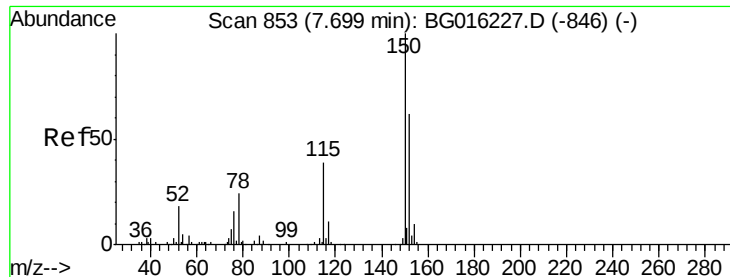
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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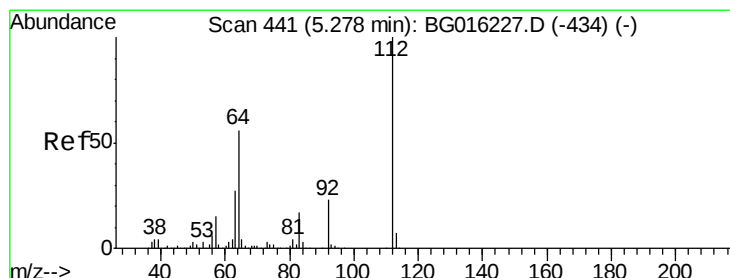
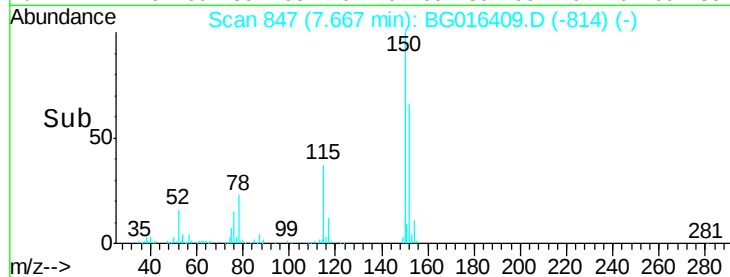
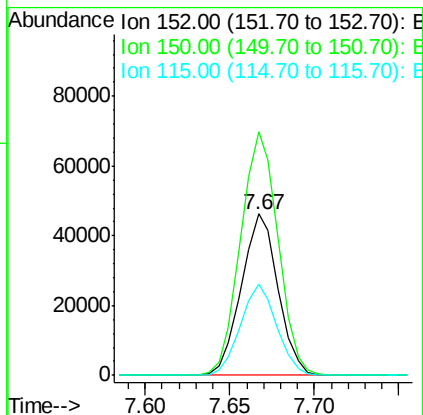
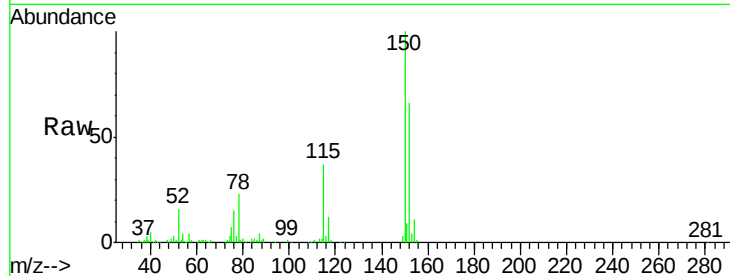


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.67 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: BG016409.D
 Acq: 14 Apr 2015 22:32

Instrument :
 BNA_G
 ClientSampleId :
 MW-35

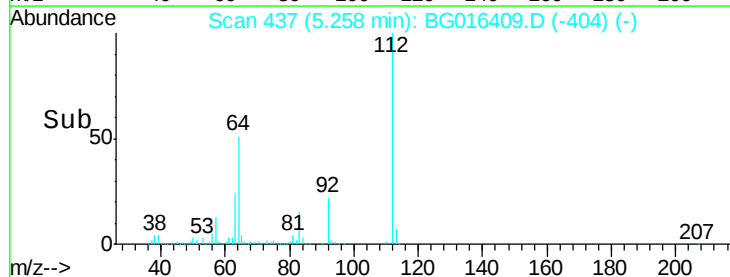
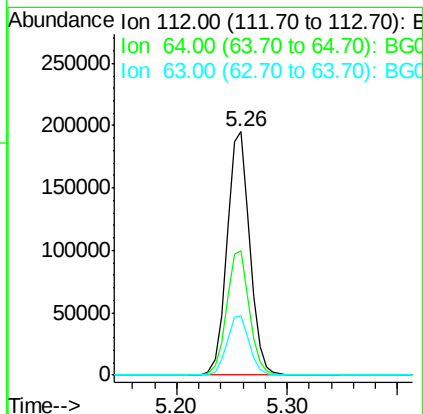
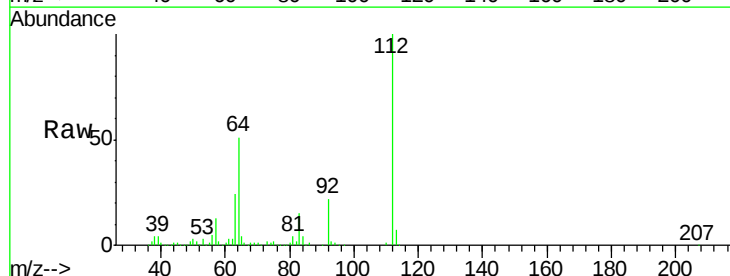
Tgt Ion:152 Resp: 69857
 Ion Ratio Lower Upper
 152 100
 150 151.0 130.1 195.1
 115 56.5 50.5 75.7

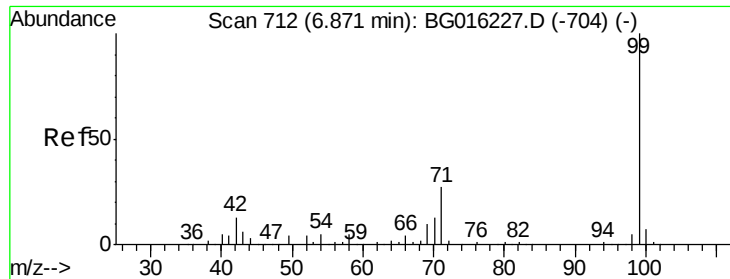


#5

2-Fluorophenol
 Concen: 63.49 ng
 RT: 5.26 min Scan# 437
 Delta R.T. -0.01 min
 Lab File: BG016409.D
 Acq: 14 Apr 2015 22:32

Tgt Ion:112 Resp: 281021
 Ion Ratio Lower Upper
 112 100
 64 51.2 44.5 66.7
 63 24.4 21.4 32.0





#7

Phenol-d6

Concen: 37.02 ng

RT: 6.85 min Scan# 708

Delta R.T. -0.01 min

Lab File: BG016409.D

Acq: 14 Apr 2015 22:32

Instrument :

BNA_G

ClientSampleId :

MW-35

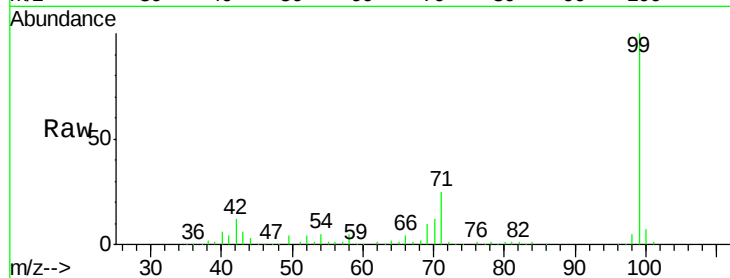
Tgt Ion: 99 Resp: 245961

Ion Ratio Lower Upper

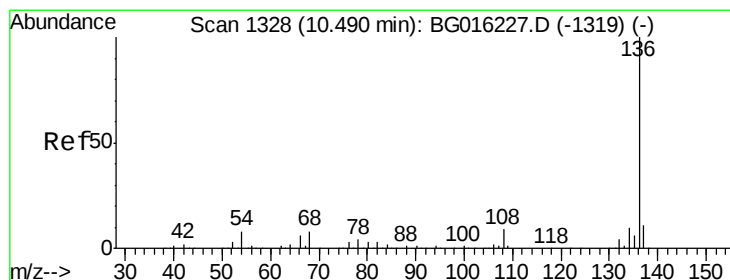
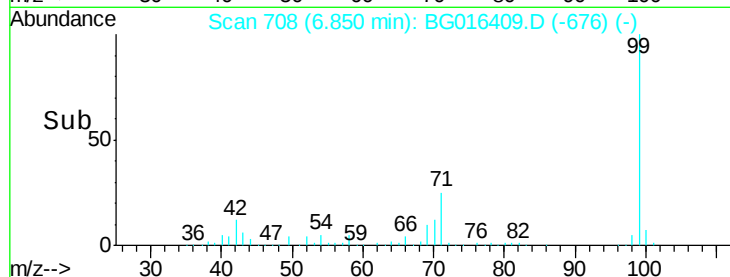
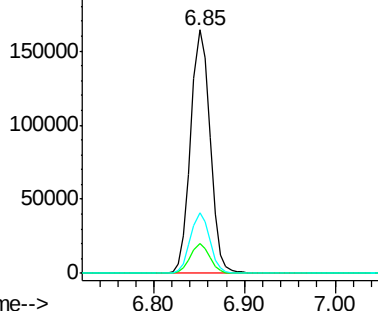
99 100

42 12.1 10.0 15.0

71 25.0 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.45 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BG016409.D

Acq: 14 Apr 2015 22:32

Tgt Ion: 136 Resp: 309199

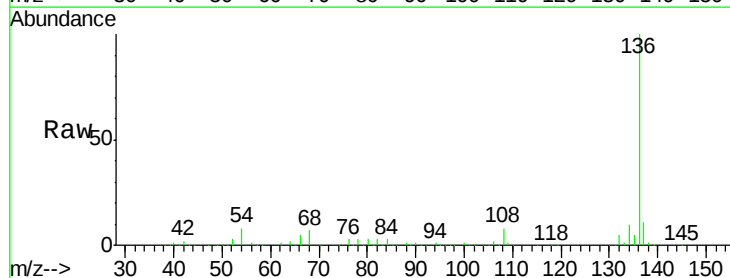
Ion Ratio Lower Upper

136 100

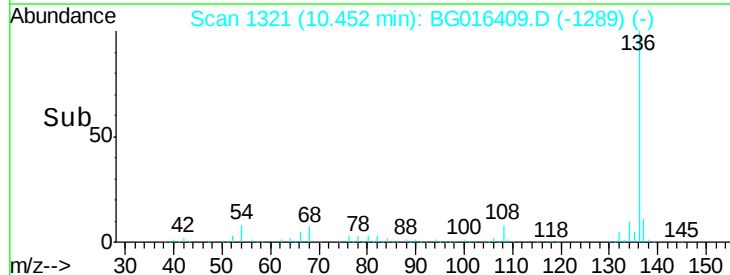
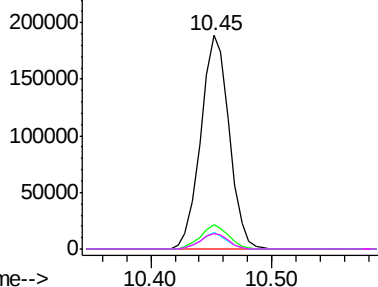
137 11.3 8.7 13.1

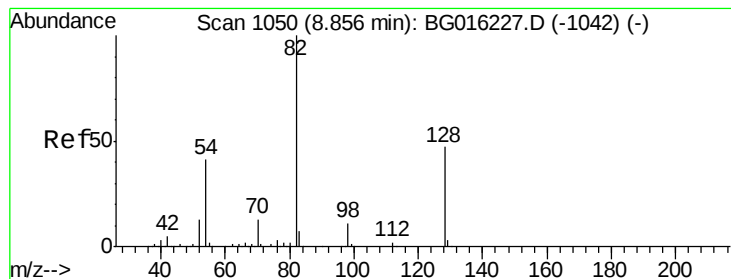
54 7.5 6.3 9.5

68 7.4 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: 94.48 ng

RT: 8.82 min Scan# 1044

Delta R.T. -0.01 min

Lab File: BG016409.D

Acq: 14 Apr 2015 22:32

Instrument :

BNA_G

ClientSampleId :

MW-35

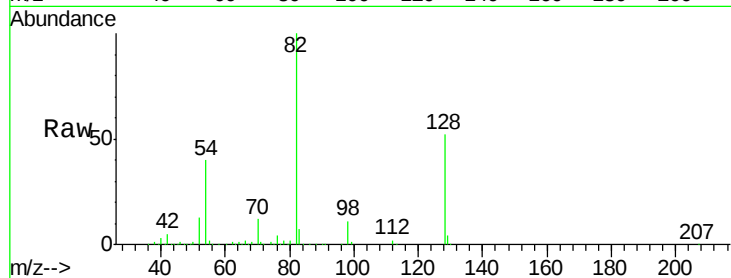
Tgt Ion: 82 Resp: 504301

Ion Ratio Lower Upper

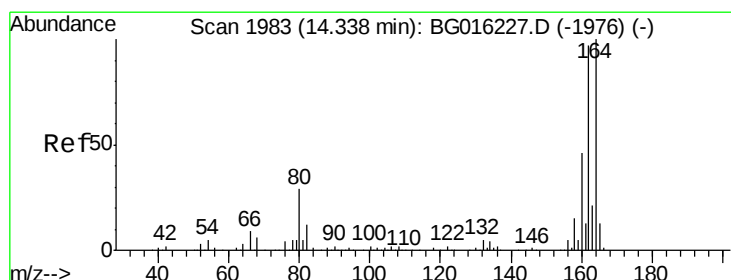
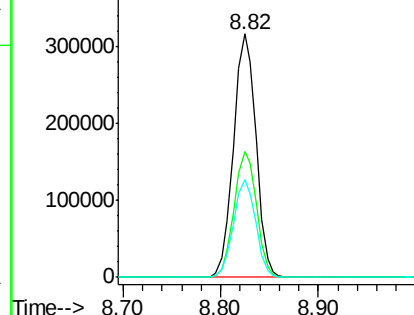
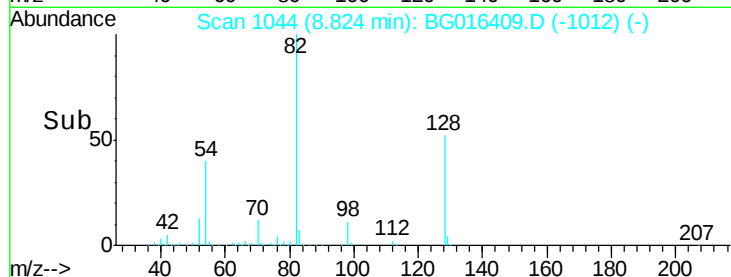
82 100

128 51.8 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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.31 min Scan# 1978

Delta R.T. -0.01 min

Lab File: BG016409.D

Acq: 14 Apr 2015 22:32

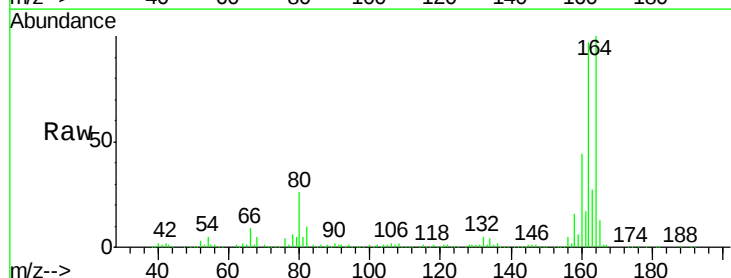
Tgt Ion: 164 Resp: 182274

Ion Ratio Lower Upper

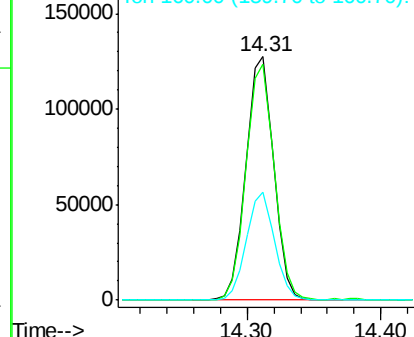
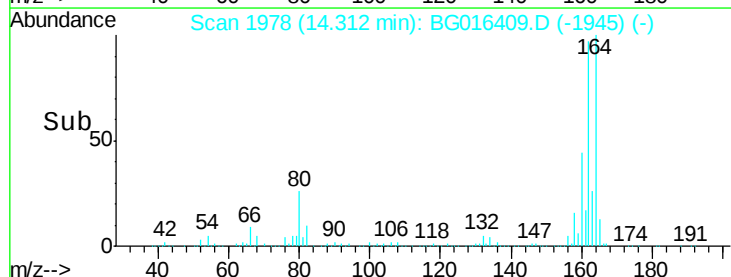
164 100

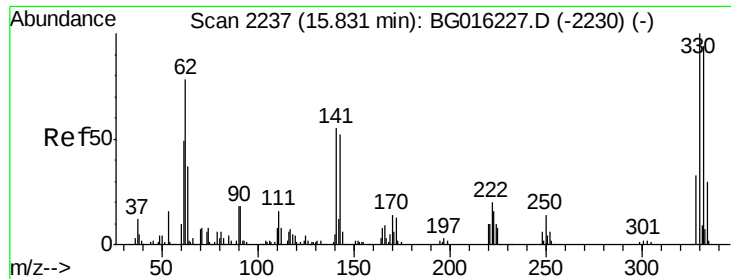
162 96.8 77.3 115.9

160 44.4 36.7 55.1



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC





#41

2,4,6-Tribromophenol

Concen: 166.98 ng

RT: 15.80 min Scan# 2232

Delta R.T. -0.01 min

Lab File: BG016409.D

Acq: 14 Apr 2015 22:32

Instrument :

BNA_G

ClientSampleId :

MW-35

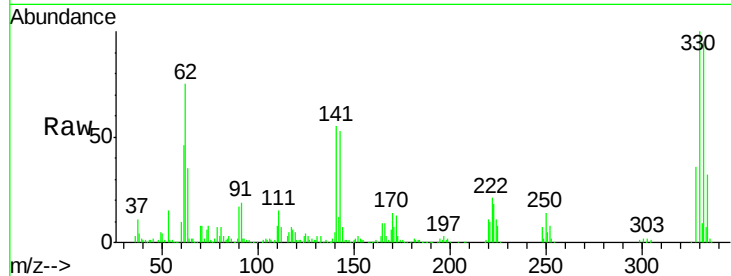
Tgt Ion:330 Resp: 205832

Ion Ratio Lower Upper

330 100

332 95.1 75.8 113.6

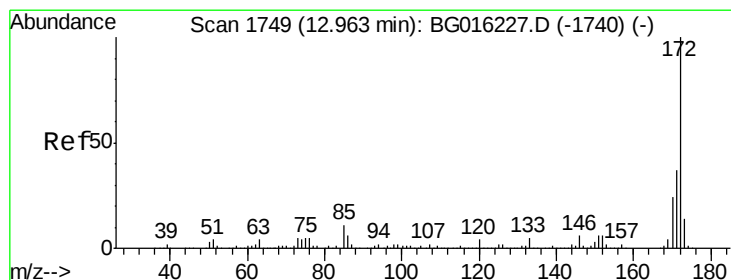
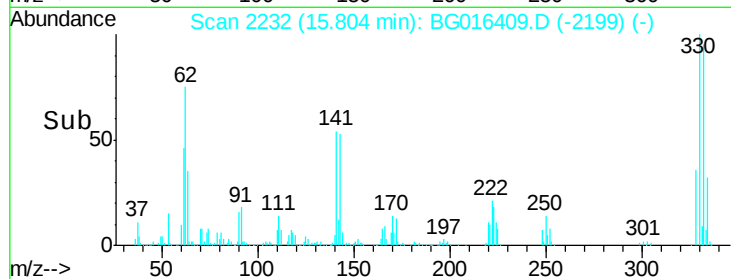
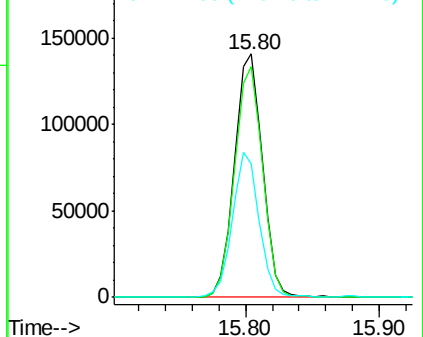
141 56.1 46.6 69.8



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: 101.03 ng

RT: 12.93 min Scan# 1743

Delta R.T. -0.01 min

Lab File: BG016409.D

Acq: 14 Apr 2015 22:32

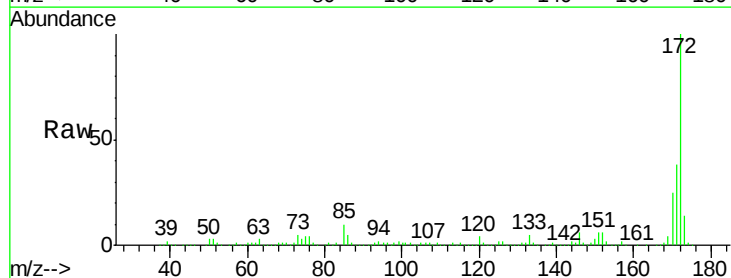
Tgt Ion:172 Resp: 1081559

Ion Ratio Lower Upper

172 100

171 38.2 29.6 44.4

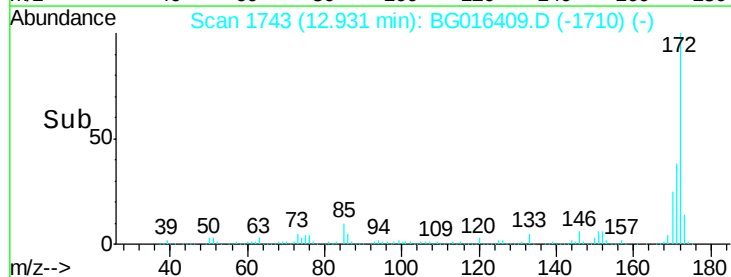
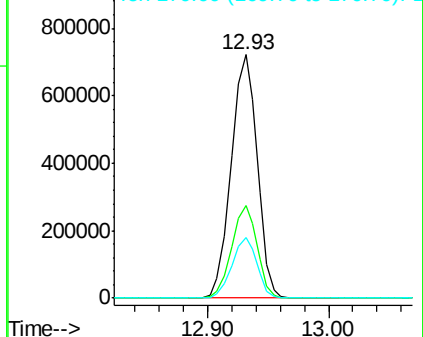
170 24.9 19.4 29.2

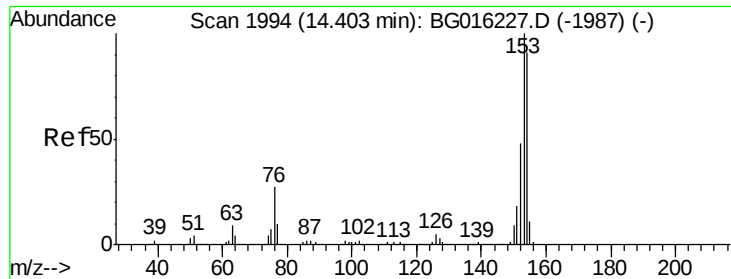


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#51

Acenaphthene

Concen: 2.09 ng

RT: 14.37 min Scan# 1988

Delta R.T. -0.01 min

Lab File: BG016409.D

Acq: 14 Apr 2015 22:32

Instrument :

BNA_G

ClientSampleId :

MW-35

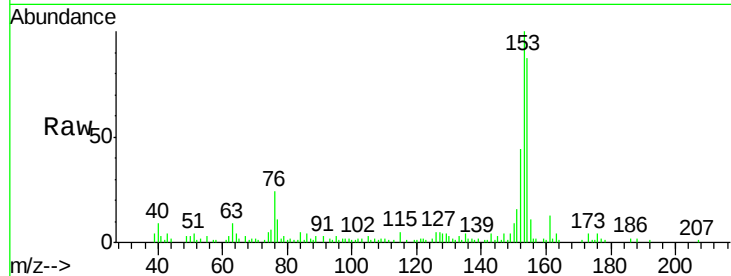
Tgt Ion:154 Resp: 23701

Ion Ratio Lower Upper

154 100

153 114.5 87.5 131.3

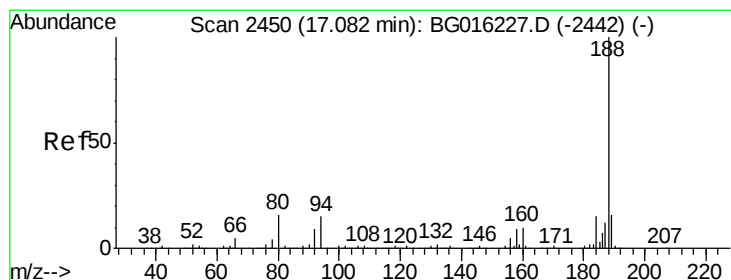
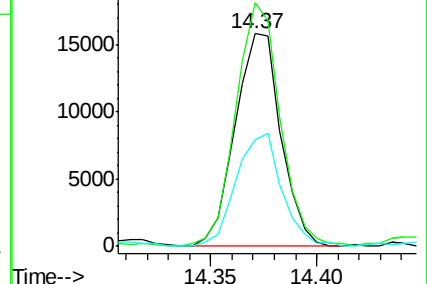
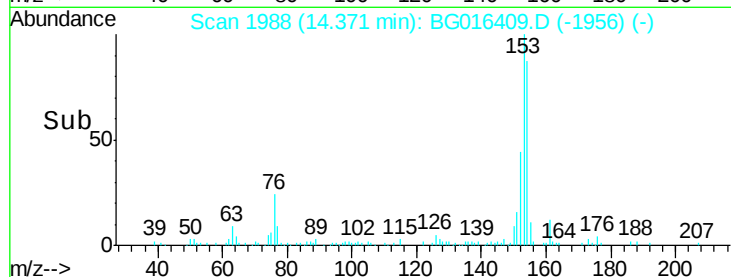
152 50.3 42.1 63.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.05 min Scan# 2444

Delta R.T. -0.01 min

Lab File: BG016409.D

Acq: 14 Apr 2015 22:32

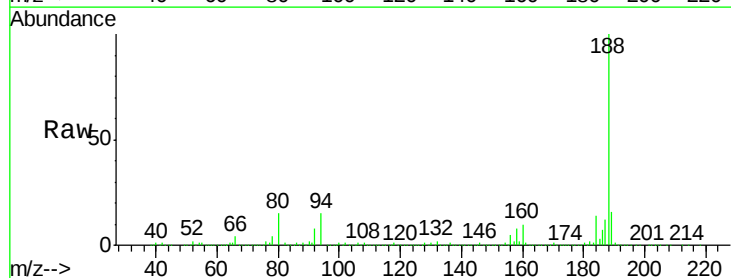
Tgt Ion:188 Resp: 393418

Ion Ratio Lower Upper

188 100

94 14.7 12.2 18.4

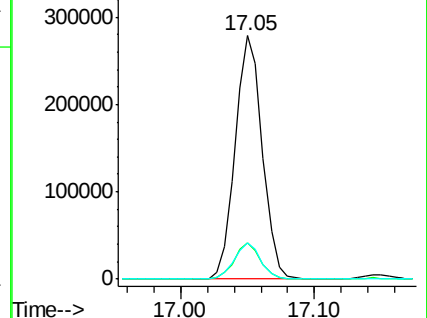
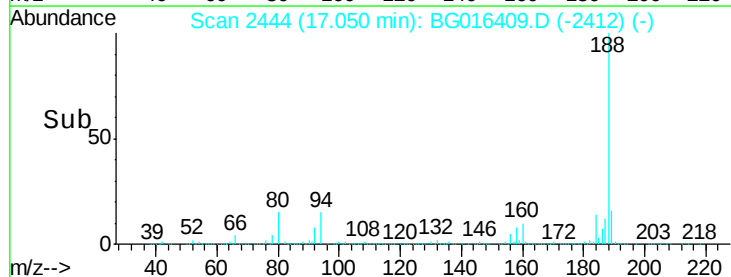
80 15.1 12.8 19.2

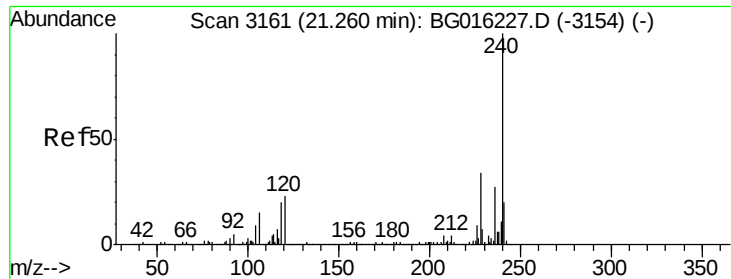


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.23 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG016409.D

Acq: 14 Apr 2015 22:32

Instrument :

BNA_G

ClientSampleId :

MW-35

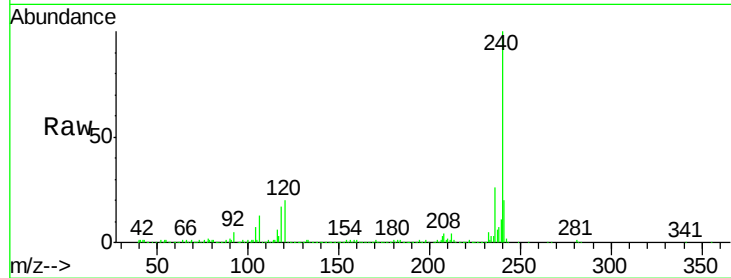
Tgt Ion:240 Resp: 365500

Ion Ratio Lower Upper

240 100

120 19.6 18.6 28.0

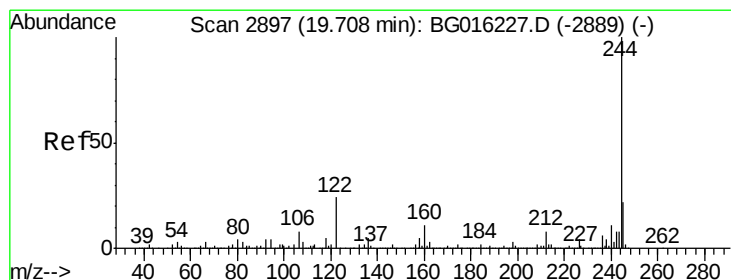
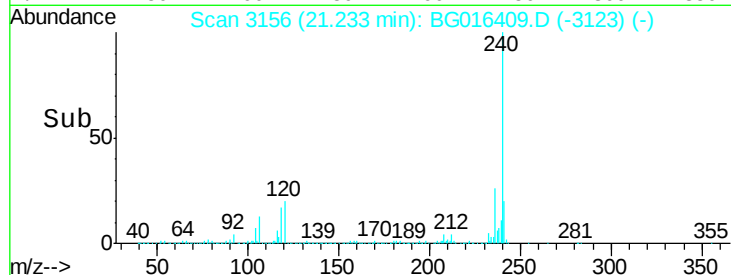
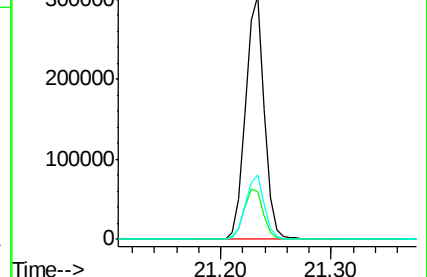
236 26.5 21.7 32.5



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: 82.66 ng

RT: 19.68 min Scan# 2892

Delta R.T. -0.01 min

Lab File: BG016409.D

Acq: 14 Apr 2015 22:32

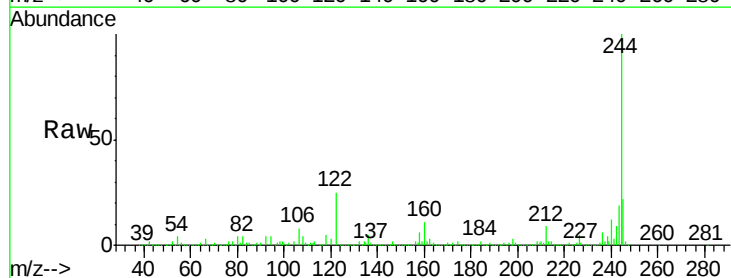
Tgt Ion:244 Resp: 1290812

Ion Ratio Lower Upper

244 100

212 8.7 6.6 9.8

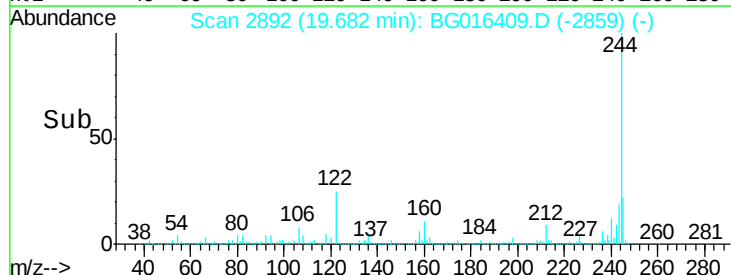
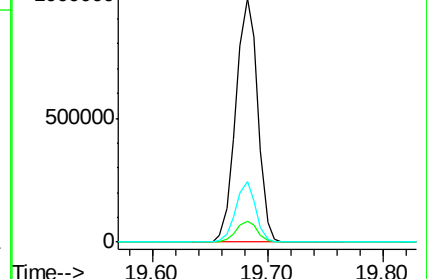
122 24.8 19.1 28.7

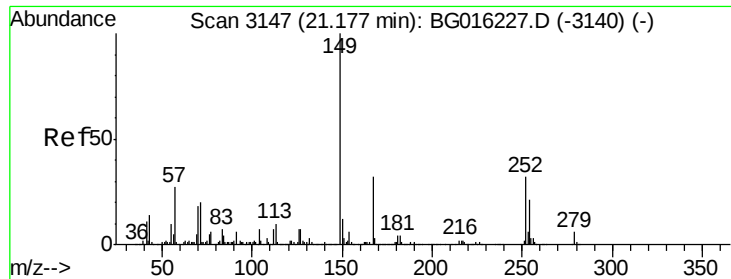


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

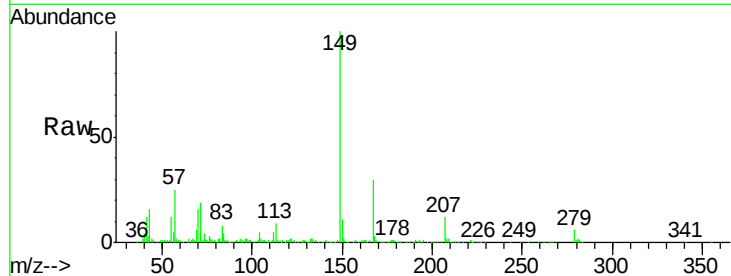




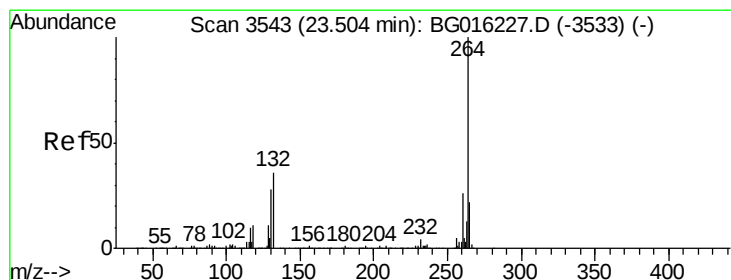
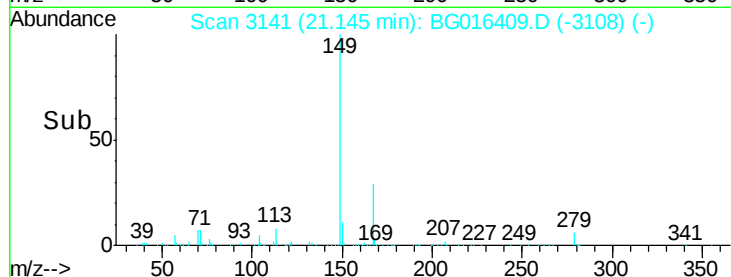
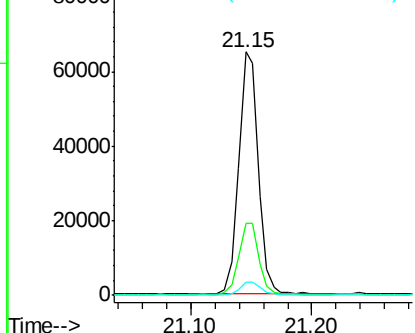
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 4.30 ng
 RT: 21.15 min Scan# 3141
 Delta R.T. -0.01 min
 Lab File: BG016409.D
 Acq: 14 Apr 2015 22:32

Instrument :
 BNA_G
 ClientSampleId :
 MW-35

Tgt Ion:149 Resp: 72795
 Ion Ratio Lower Upper
 149 100
 167 29.7 25.8 38.6
 279 5.6 4.7 7.1

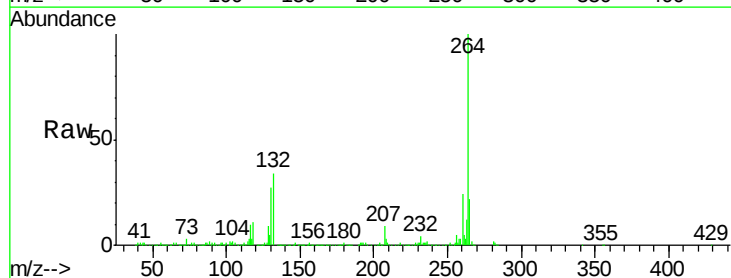


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.46 min Scan# 3535
 Delta R.T. -0.01 min
 Lab File: BG016409.D
 Acq: 14 Apr 2015 22:32

Tgt Ion:264 Resp: 333033
 Ion Ratio Lower Upper
 264 100
 260 24.2 20.4 30.6
 265 21.7 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

