

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 03:40:05 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

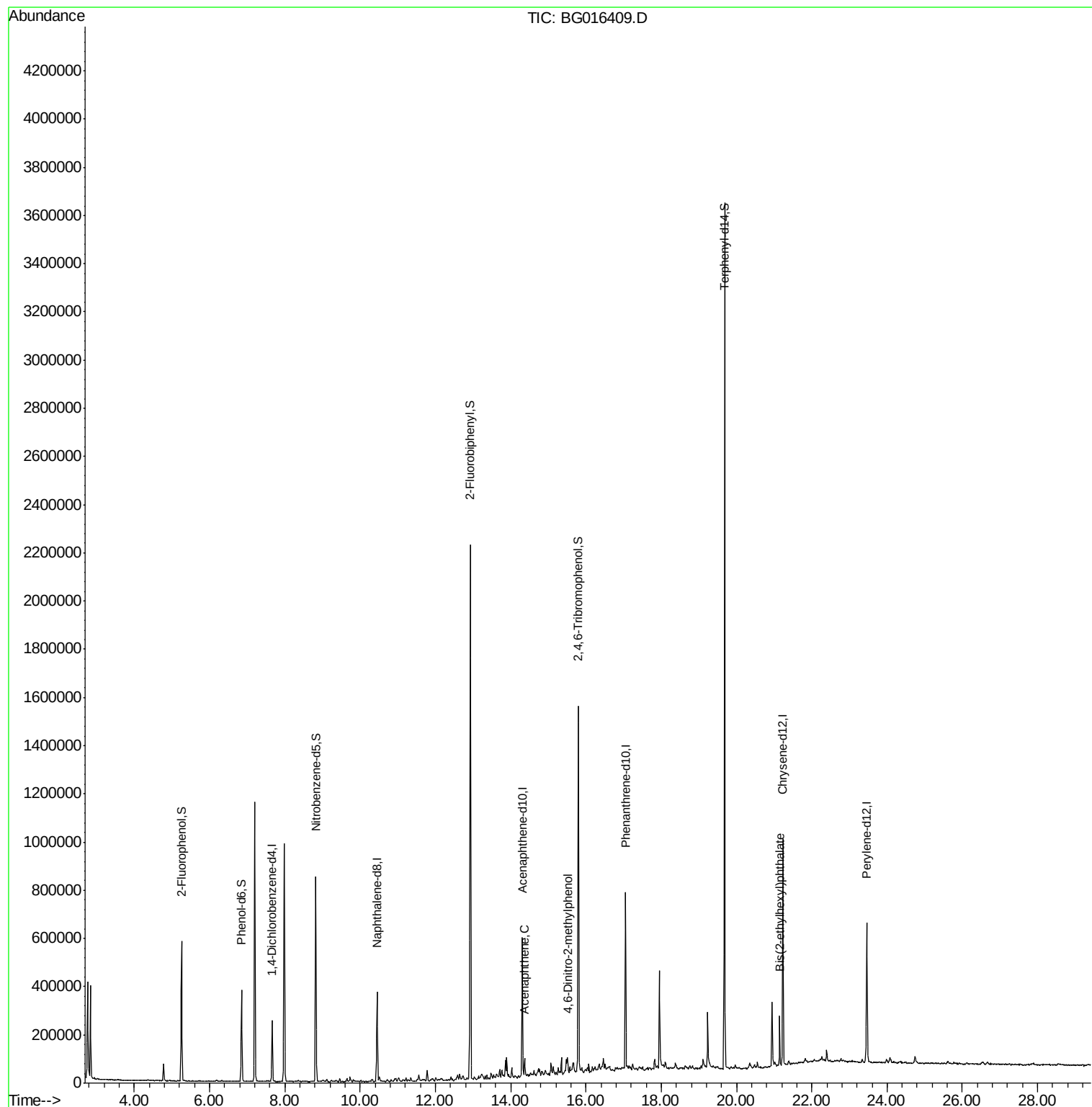
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	69857	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	309199	20.00	ng	-0.01
38) Acenaphthene-d10	14.31	164	182274	20.00	ng	0.00
63) Phenanthrene-d10	17.05	188	393418	20.00	ng	-0.01
75) Chrysene-d12	21.23	240	365500	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						Qvalue
51) Acenaphthene	14.37	154	23701	2.09	ng	96
64) 4,6-Dinitro-2-methylphenol	15.50	198	1757	4.47	ng	87
83) Bis(2-ethylhexyl)phthalate	21.15	149	72795	4.30	ng	96

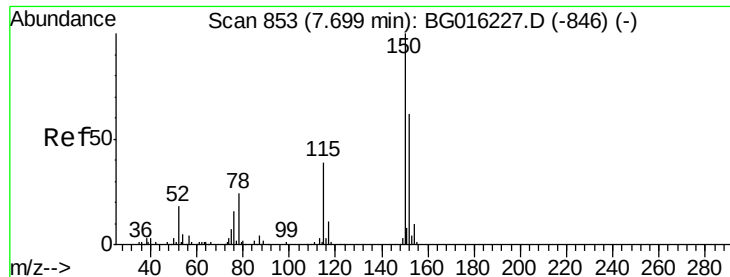
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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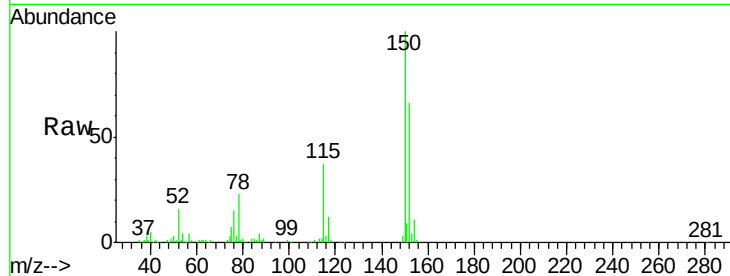


#1

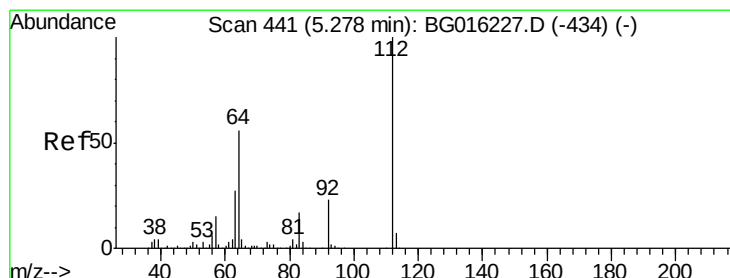
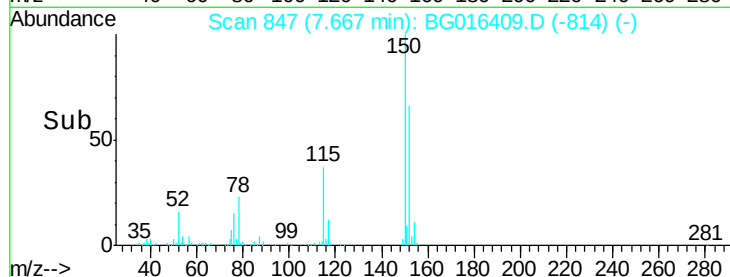
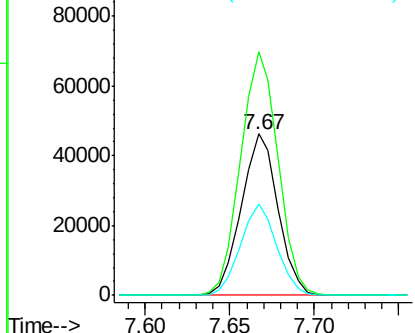
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.67 min Scan# 847
Delta R.T. -0.01 min
Lab File: BG016409.D
Acq: 14 Apr 2015 22:32

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



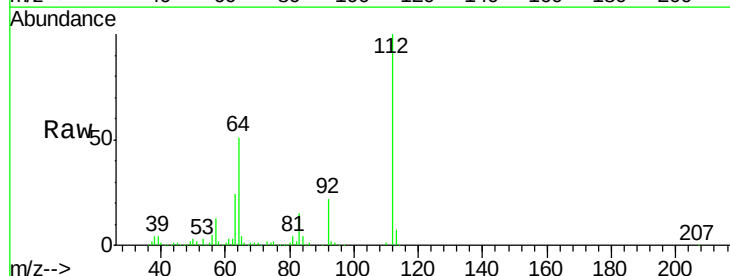
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



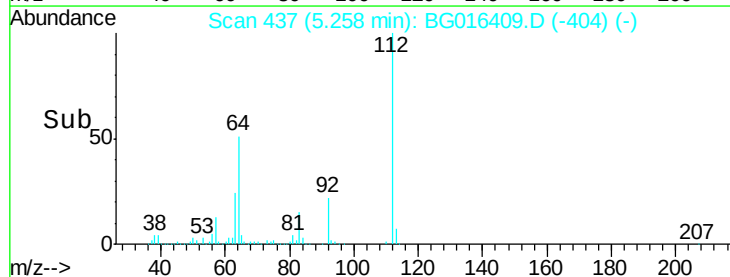
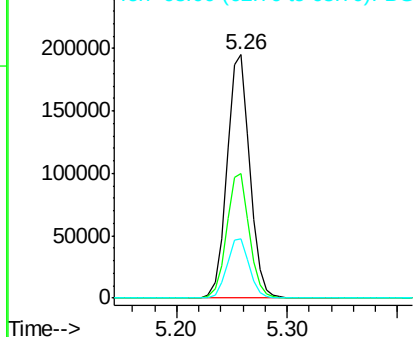
#5

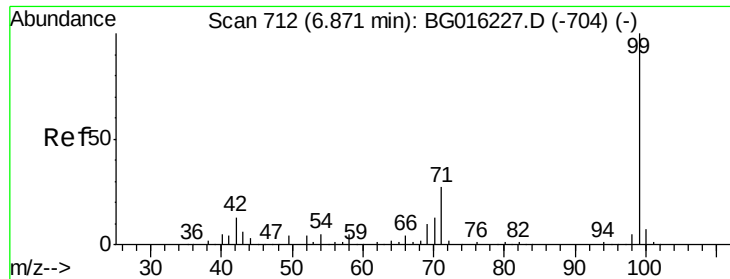
2-Fluorophenol
Concen: 63.49 ng
RT: 5.26 min Scan# 437
Delta R.T. -0.01 min
Lab File: BG016409.D
Acq: 14 Apr 2015 22:32

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



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





#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

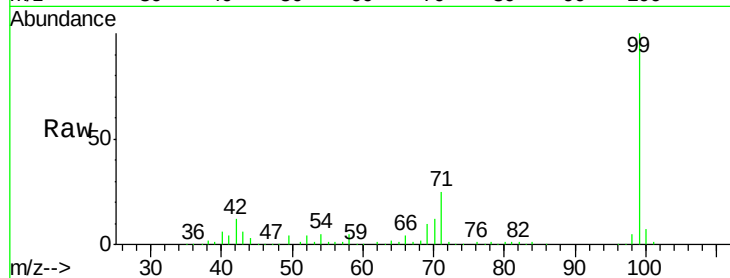
Tgt Ion: 99 Resp: 245961

Ion Ratio Lower Upper

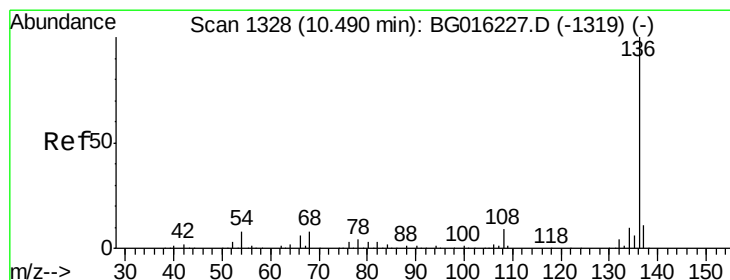
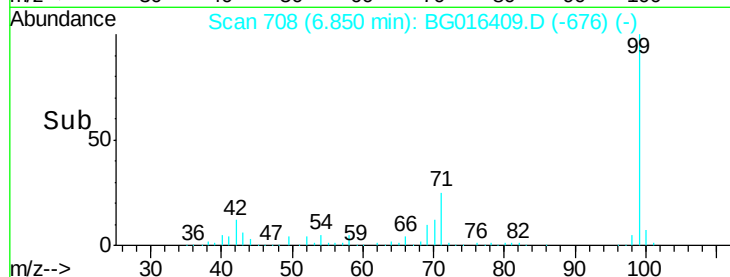
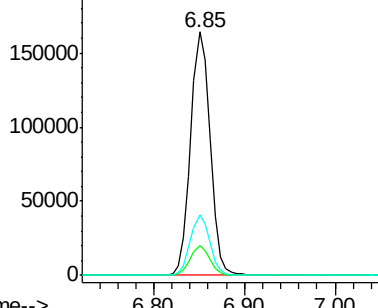
99 100

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

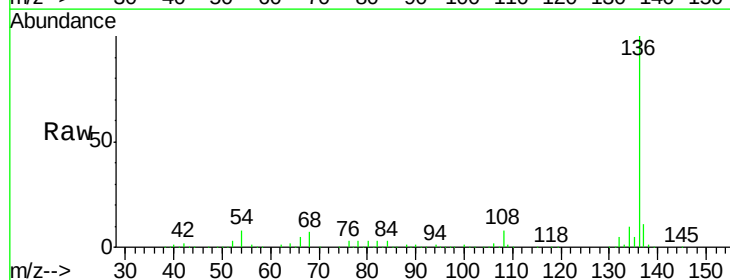
Ion Ratio Lower Upper

136 100

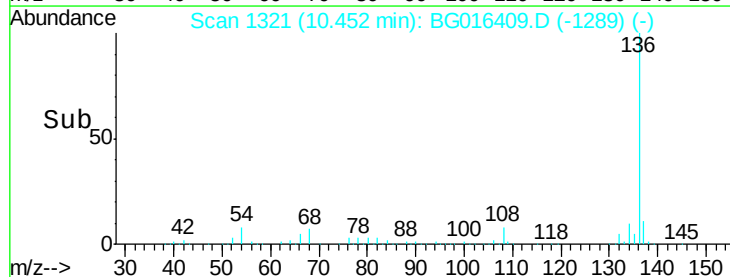
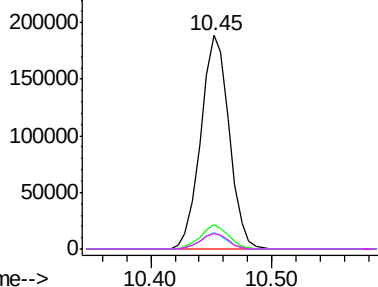
137 11.3 8.7 13.1

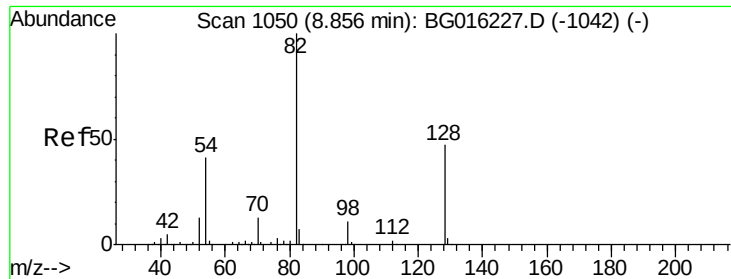
54 7.5 6.3 9.5

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

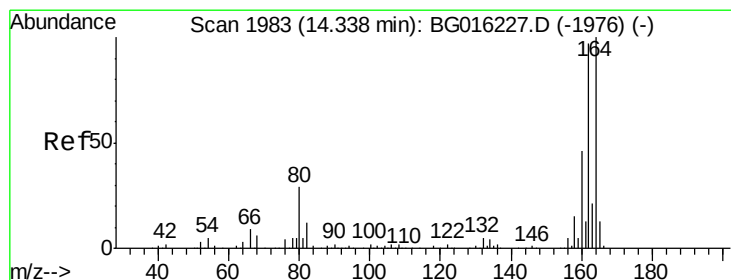
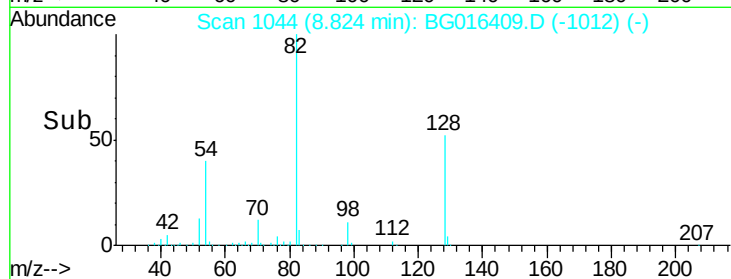
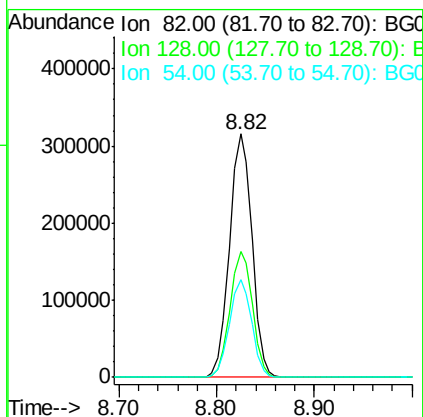
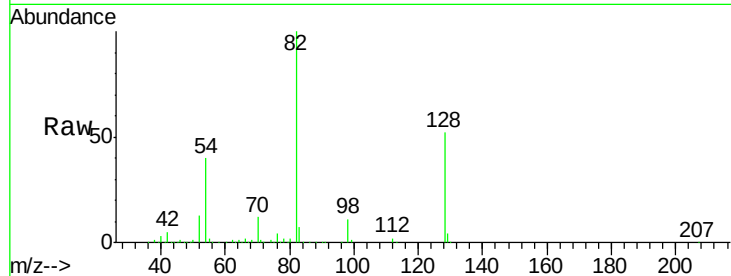




#23
 Nitrobenzene-d5
 Concen: 94.48 ng
 RT: 8.82 min Scan# 1044
 Delta R.T. -0.01 min
 Lab File: BG016409.D
 Acq: 14 Apr 2015 22:32

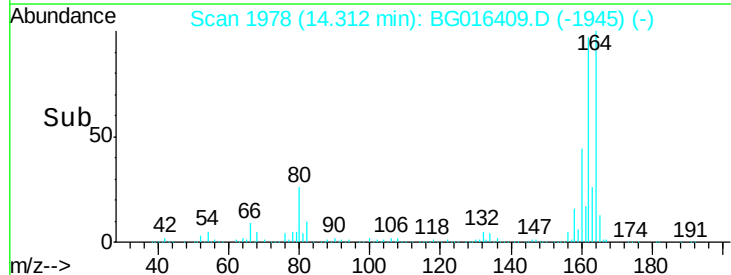
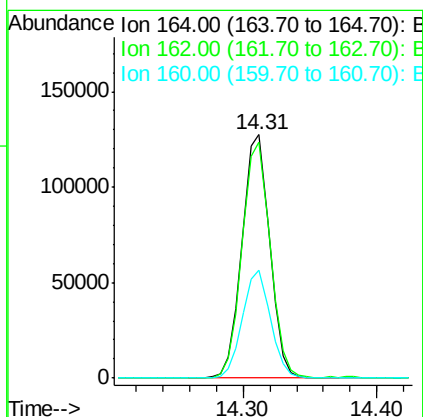
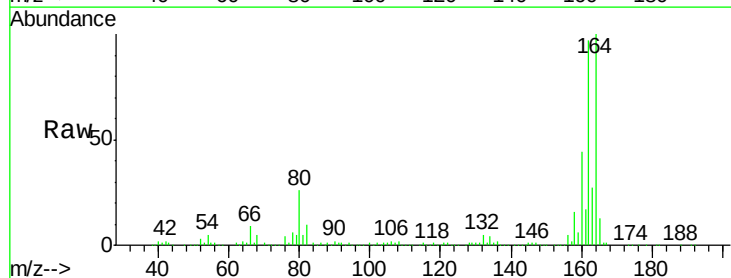
Instrument :
 BNA_G
 ClientSampleId :
 MW-35

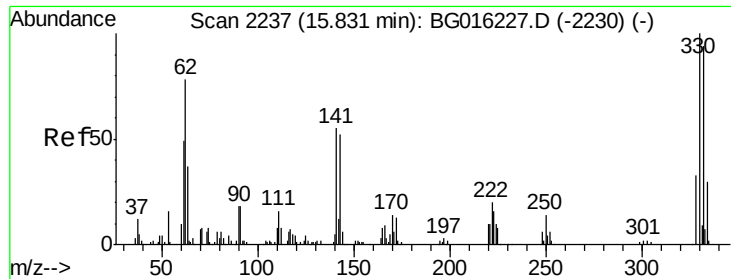
Tgt Ion: 82 Resp: 504301
 Ion Ratio Lower Upper
 82 100
 128 51.8 37.8 56.8
 54 39.9 32.6 49.0



#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





#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

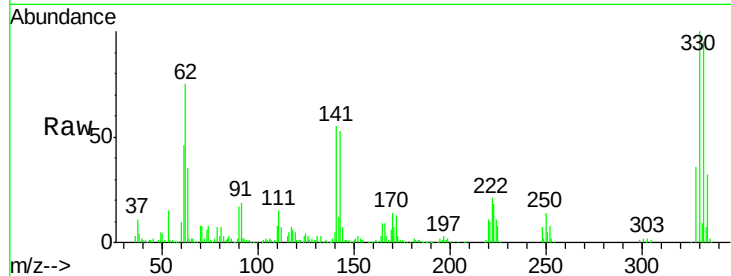
Tgt Ion:330 Resp: 205832

Ion Ratio Lower Upper

330 100

332 95.1 75.8 113.6

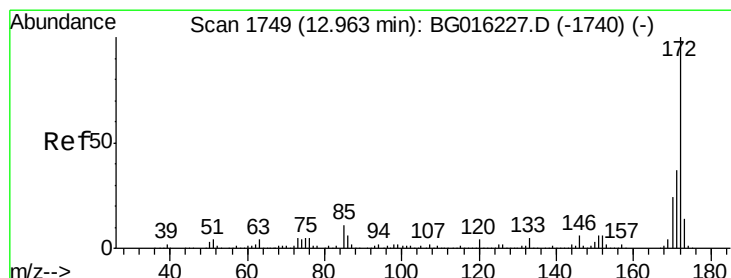
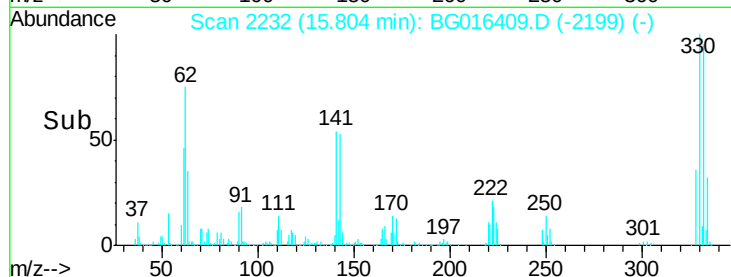
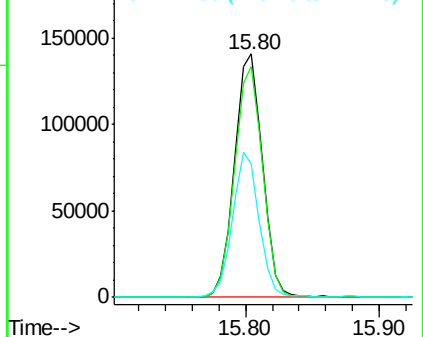
141 56.1 46.6 69.8



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

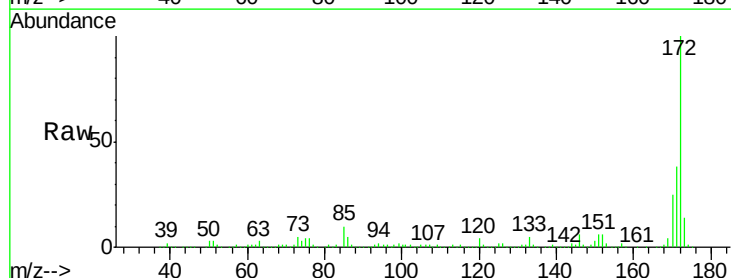
Tgt Ion:172 Resp: 1081559

Ion Ratio Lower Upper

172 100

171 38.2 29.6 44.4

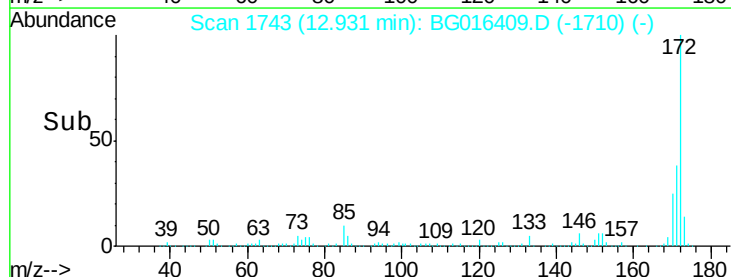
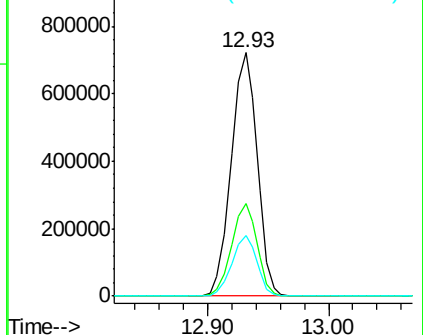
170 24.9 19.4 29.2

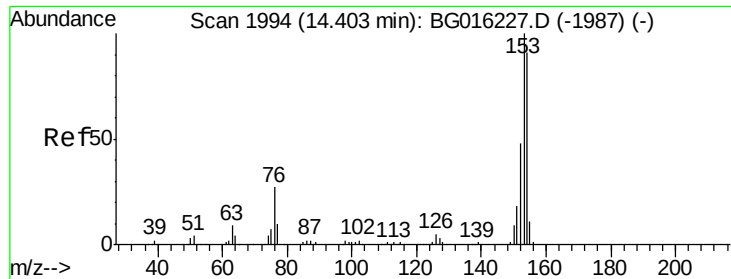


Abundance Ion 172.00 (171.70 to 172.70): E

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

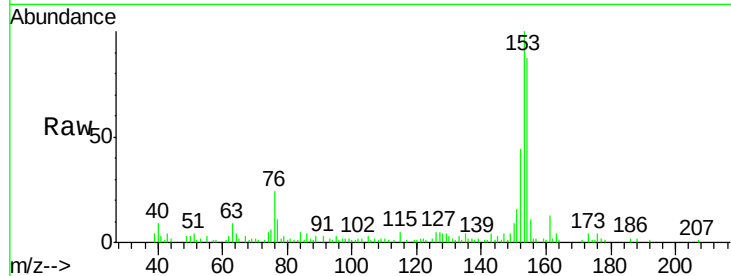
Tgt Ion:154 Resp: 23701

Ion Ratio Lower Upper

154 100

153 114.5 87.5 131.3

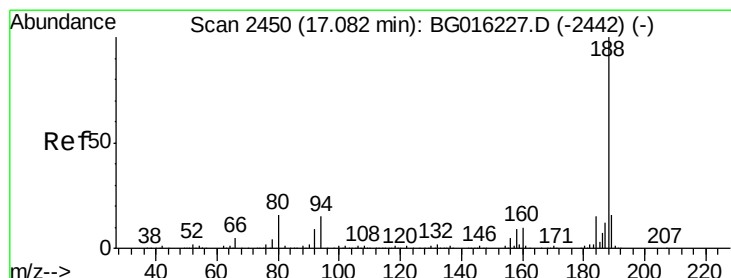
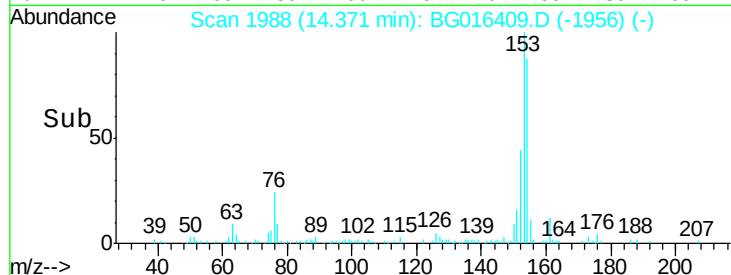
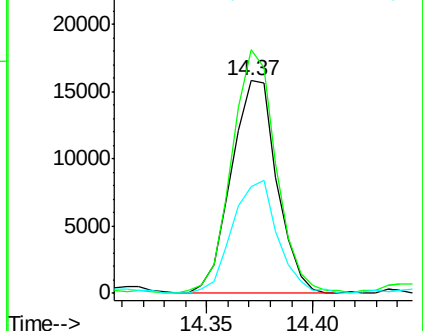
152 50.3 42.1 63.1



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

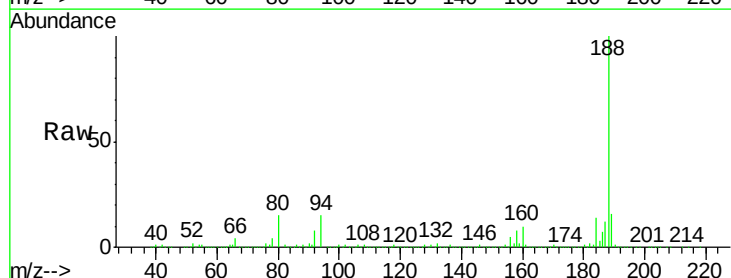
Tgt Ion:188 Resp: 393418

Ion Ratio Lower Upper

188 100

94 14.7 12.2 18.4

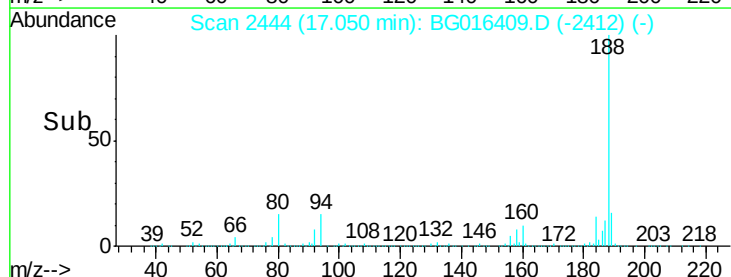
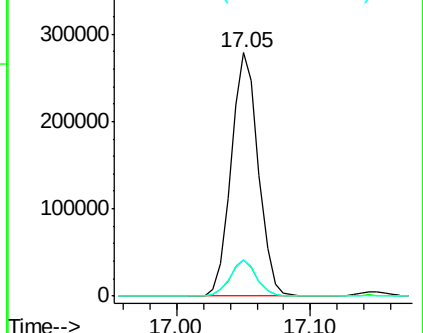
80 15.1 12.8 19.2

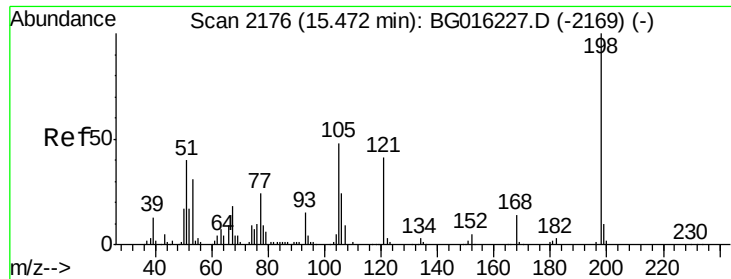


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0

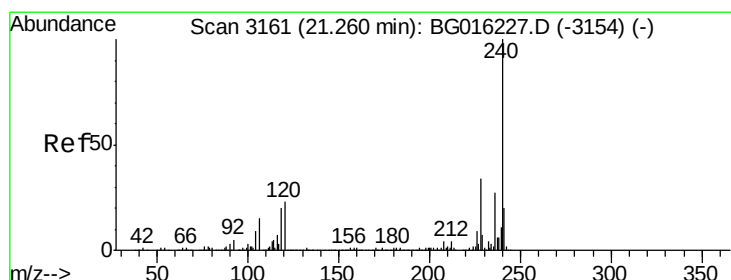
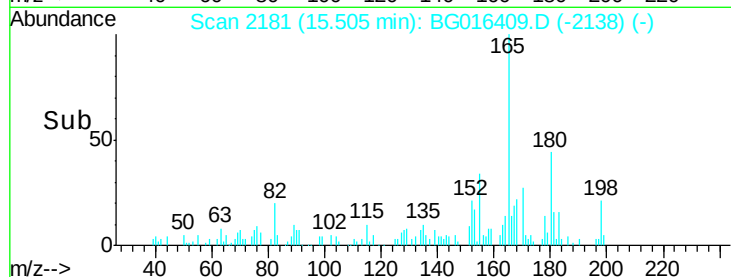
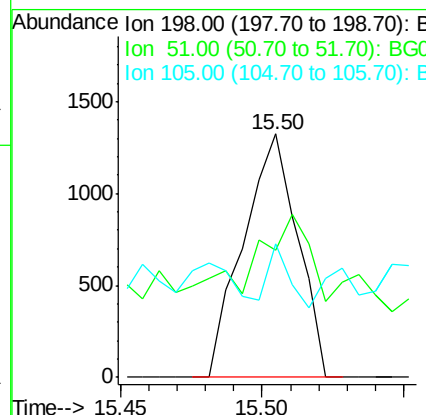
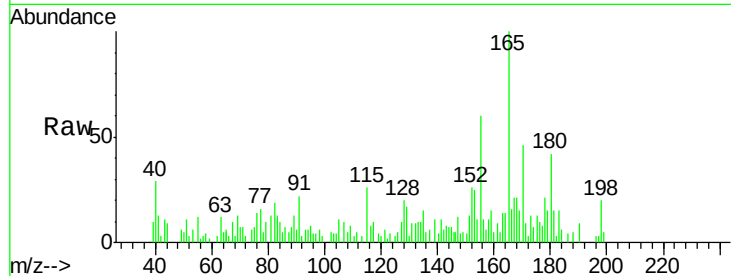




#64
 4,6-Dinitro-2-methylphenol
 Concen: 4.47 ng
 RT: 15.50 min Scan# 2181
 Delta R.T. 0.05 min
 Lab File: BG016409.D
 Acq: 14 Apr 2015 22:32

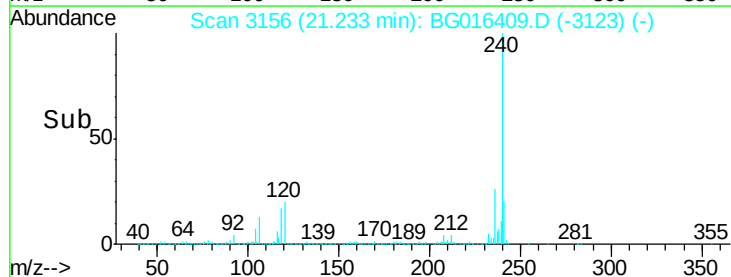
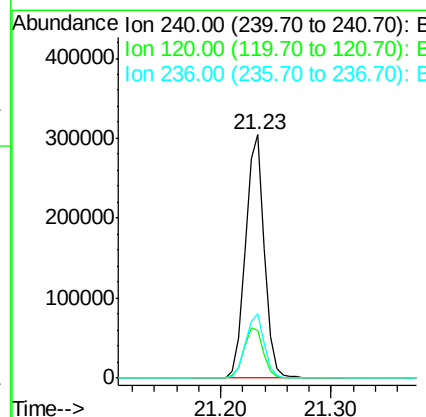
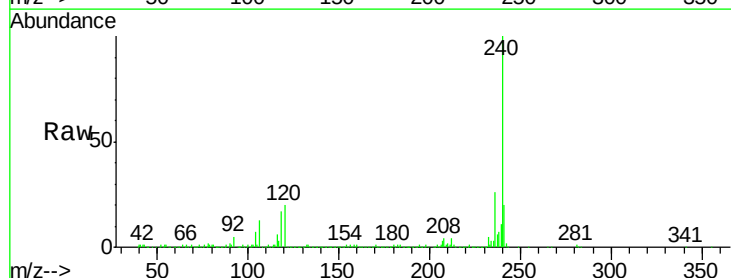
Instrument :
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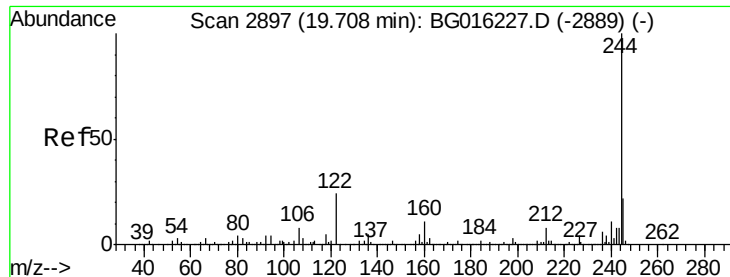
Tgt Ion:198 Resp: 1757
 Ion Ratio Lower Upper
 198 100
 51 52.2 20.7 60.7
 105 54.9 28.8 68.8



#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

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





#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

Instrument :

BNA_G

ClientSampleId :

MW-35

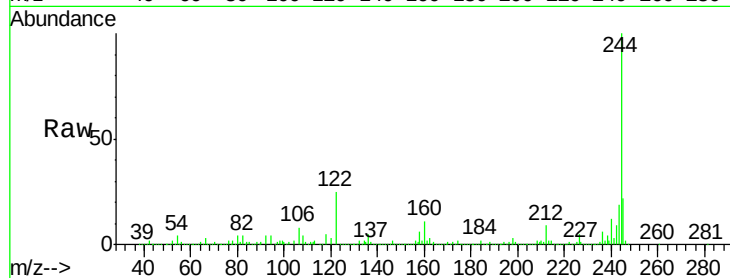
Tgt Ion:244 Resp: 1290812

Ion Ratio Lower Upper

244 100

212 8.7 6.6 9.8

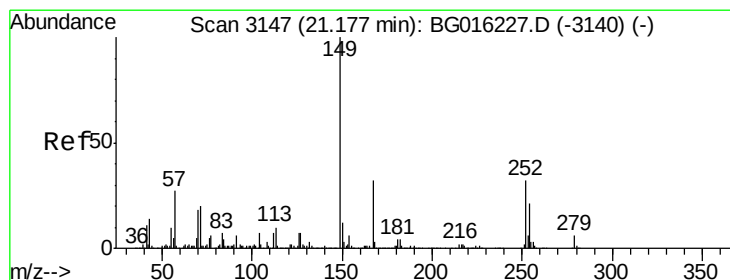
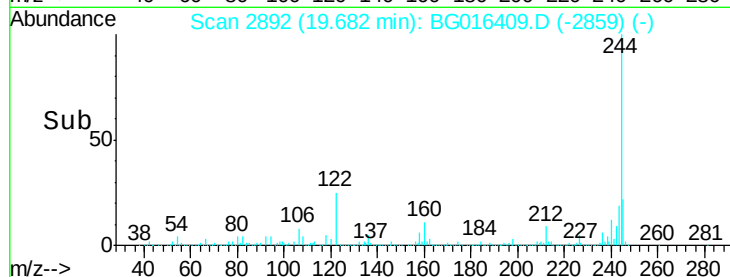
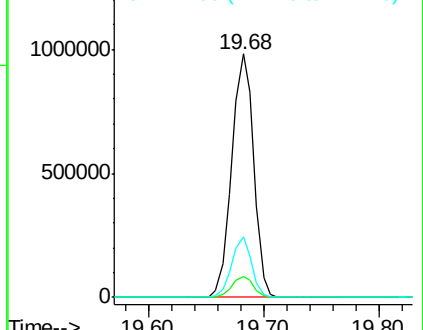
122 24.8 19.1 28.7



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

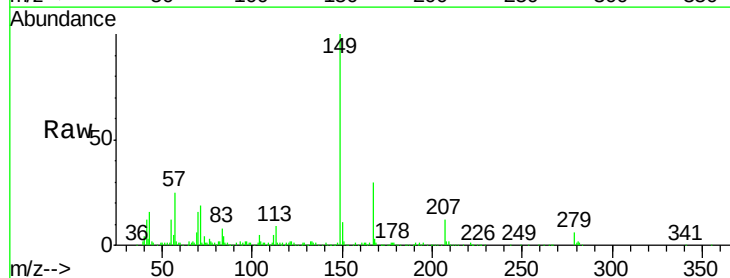
Tgt Ion:149 Resp: 72795

Ion Ratio Lower Upper

149 100

167 29.7 25.8 38.6

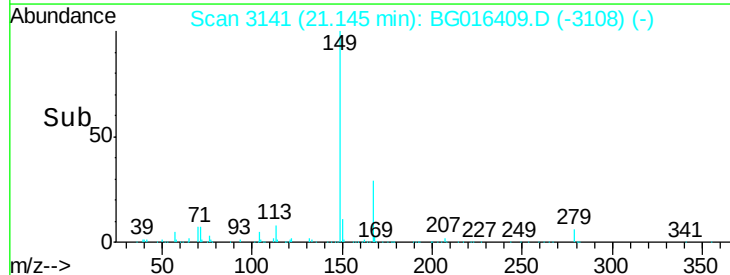
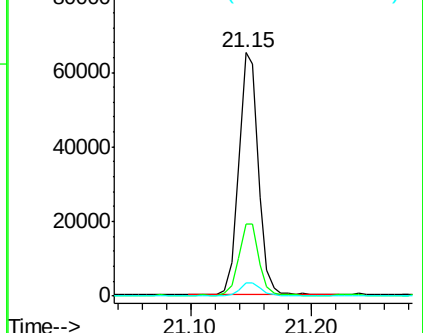
279 5.6 4.7 7.1

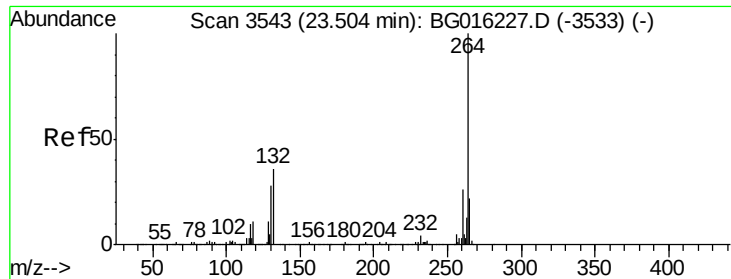


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

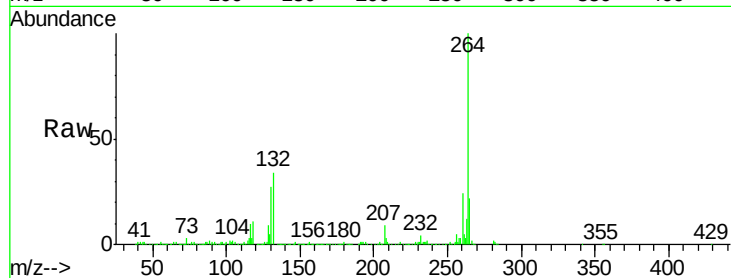




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.46 min Scan# 3535
Delta R.T. -0.01 min
Lab File: BG016409.D
Acq: 14 Apr 2015 22:32

Instrument :
BNA_G
ClientSampleId :
MW-35

Tgt 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

