

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041515\
 Data File : BG016450.D
 Acq On : 16 Apr 2015 8:54
 Operator : TP/IZ
 Sample : G1829-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TE-PMW-43

Quant Time: Apr 16 13:52:45 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

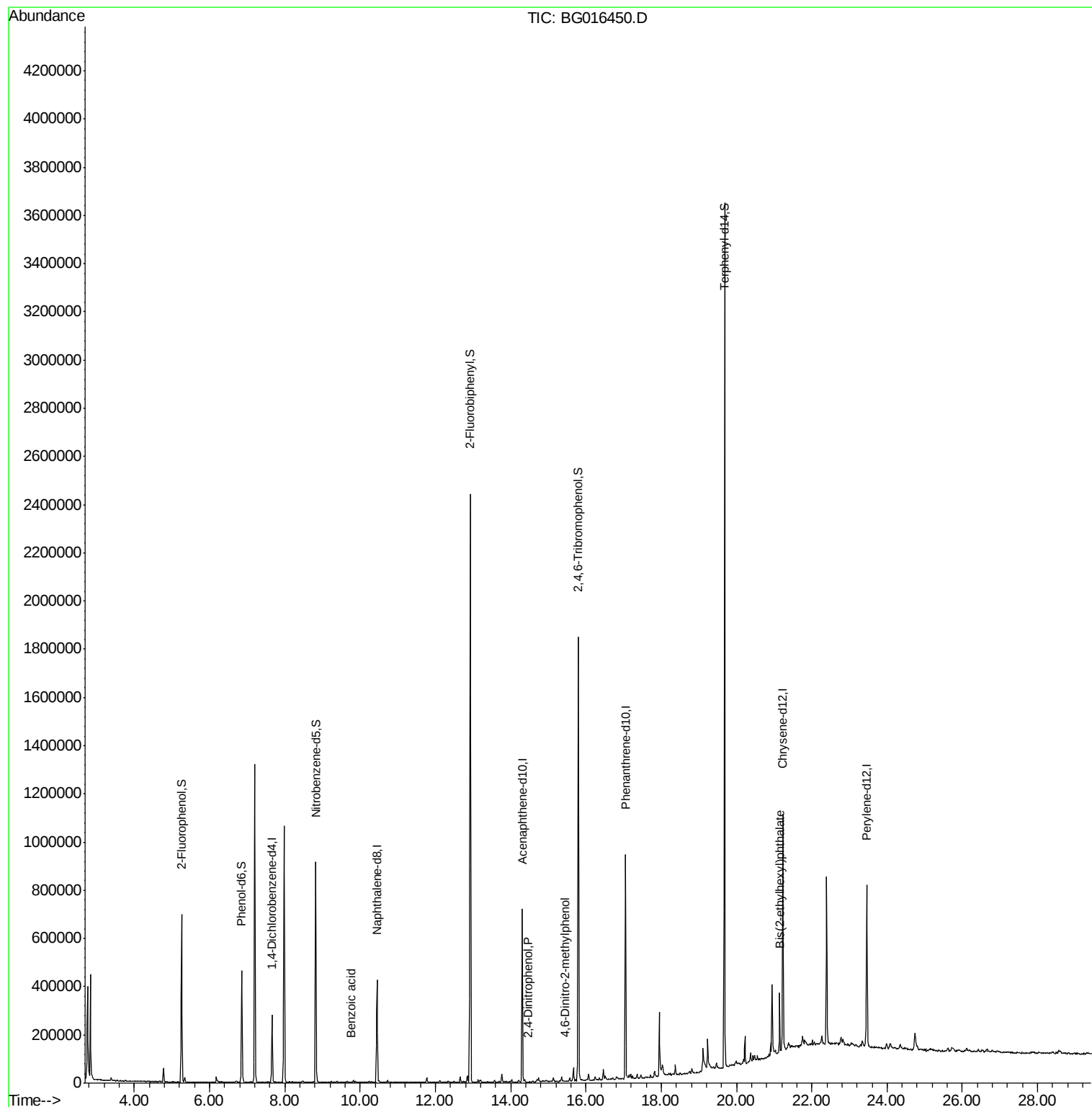
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	78929	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	368742	20.00	ng	-0.01
38) Acenaphthene-d10	14.31	164	232923	20.00	ng	-0.01
63) Phenanthrene-d10	17.05	188	492231	20.00	ng	-0.01
75) Chrysene-d12	21.23	240	399083	20.00	ng	-0.01
86) Perylene-d12	23.46	264	375461	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	329023	65.79	ng	0.00
7) Phenol-d6	6.86	99	302404	40.28	ng	0.00
23) Nitrobenzene-d5	8.82	82	538137	84.54	ng	-0.01
41) 2,4,6-Tribromophenol	15.80	330	251704	159.79	ng	-0.01
44) 2-Fluorobiphenyl	12.93	172	1220837	89.24	ng	0.00
78) Terphenyl-d14	19.68	244	1320959	77.47	ng	0.00
Target Compounds						
32) Benzoic acid	9.77	122	144	8.76	ng	# 45
53) 2,4-Dinitrophenol	14.45	184	112	8.30	ng	# 27
64) 4,6-Dinitro-2-methylphenol	15.44	198	389	3.99	ng	# 67
83) Bis(2-ethylhexyl)phthalate	21.15	149	82053	4.44	ng	100

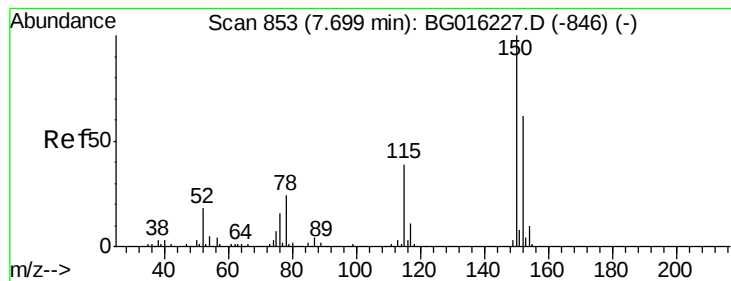
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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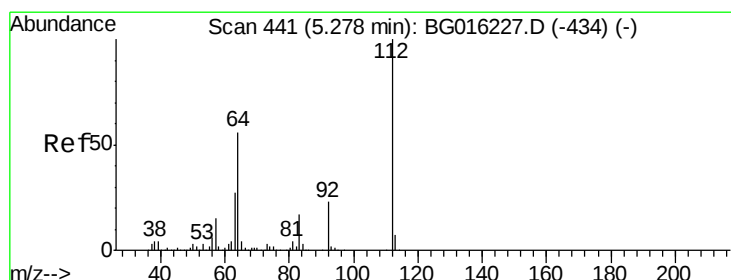
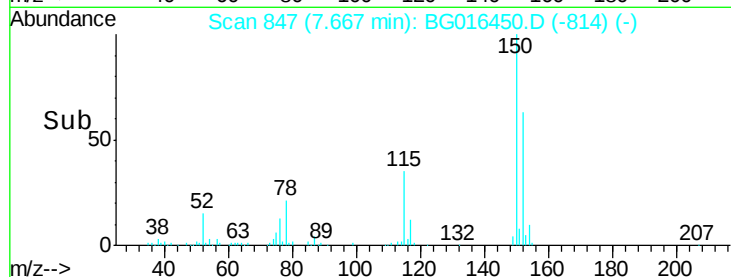
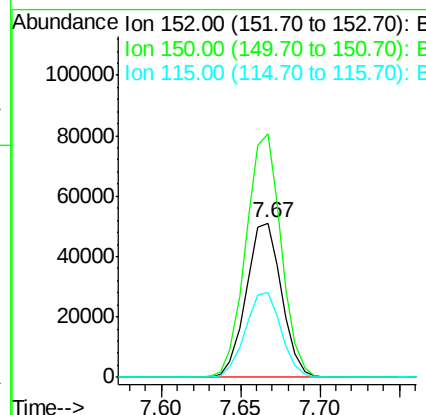
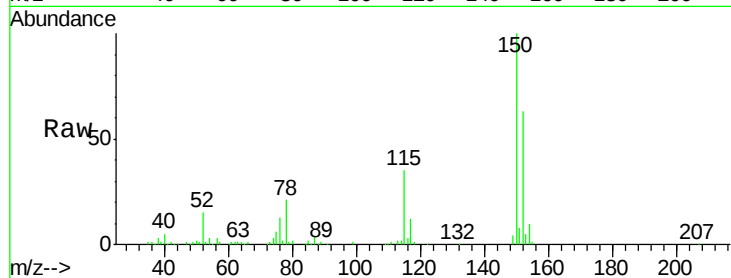




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.67 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: BG016450.D
 Acq: 16 Apr 2015 8:54

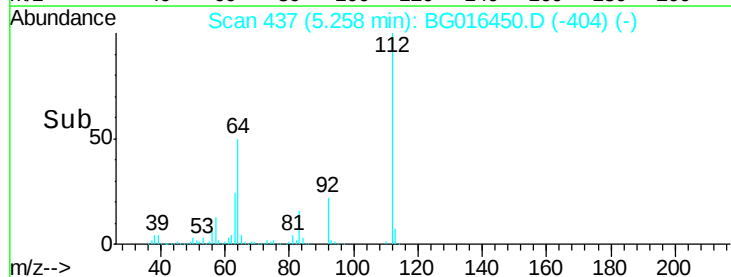
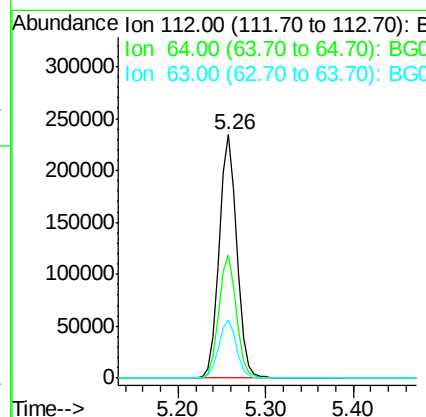
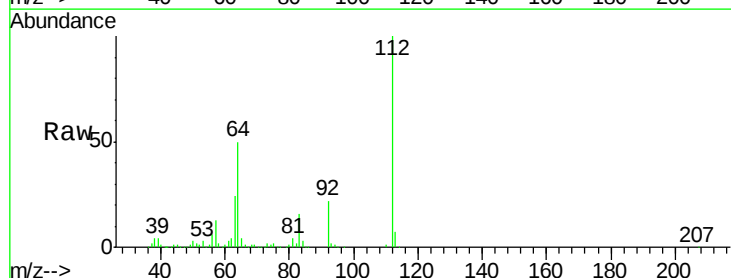
Instrument :
 BNA_G
 ClientSampleId :
 TE-PMW-43

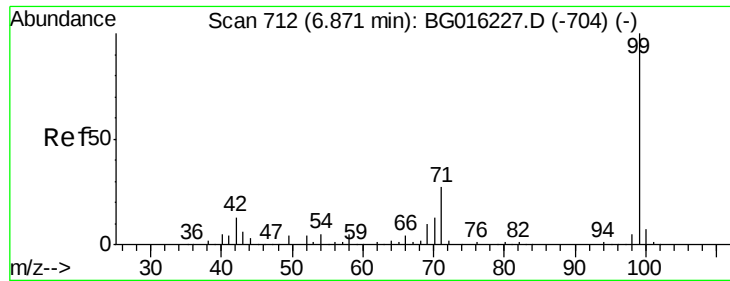
Tgt Ion:152 Resp: 78929
 Ion Ratio Lower Upper
 152 100
 150 157.8 130.1 195.1
 115 55.1 50.5 75.7



#5
 2-Fluorophenol
 Concen: 65.79 ng
 RT: 5.26 min Scan# 437
 Delta R.T. -0.01 min
 Lab File: BG016450.D
 Acq: 16 Apr 2015 8:54

Tgt Ion:112 Resp: 329023
 Ion Ratio Lower Upper
 112 100
 64 50.5 44.5 66.7
 63 23.8 21.4 32.0





#7

Phenol-d6

Concen: 40.28 ng

RT: 6.86 min Scan# 709

Delta R.T. -0.01 min

Lab File: BG016450.D

Acq: 16 Apr 2015 8:54

Instrument :

BNA_G

ClientSampleId :

TE-PMW-43

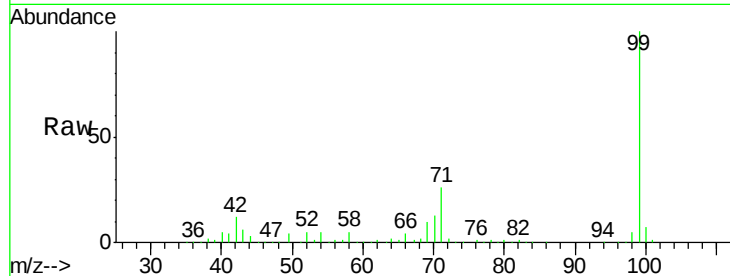
Tgt Ion: 99 Resp: 302404

Ion Ratio Lower Upper

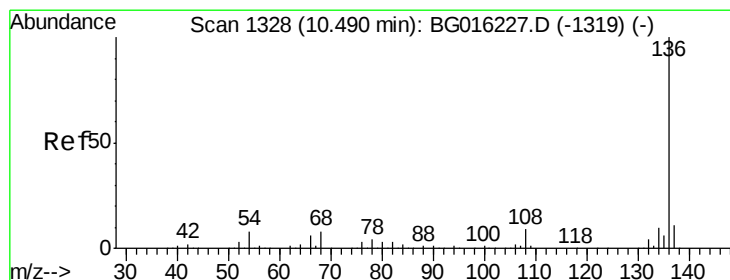
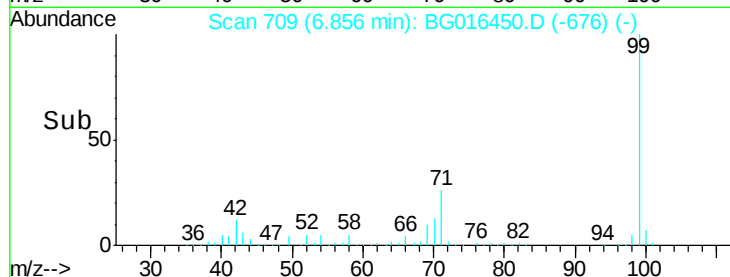
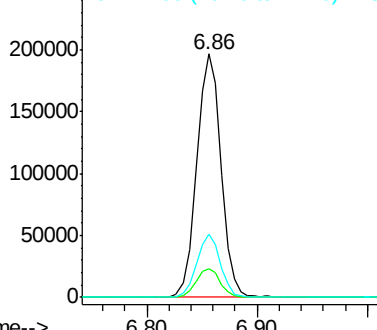
99 100

42 11.6 10.0 15.0

71 26.0 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: BG016450.D

Acq: 16 Apr 2015 8:54

Tgt Ion: 136 Resp: 368742

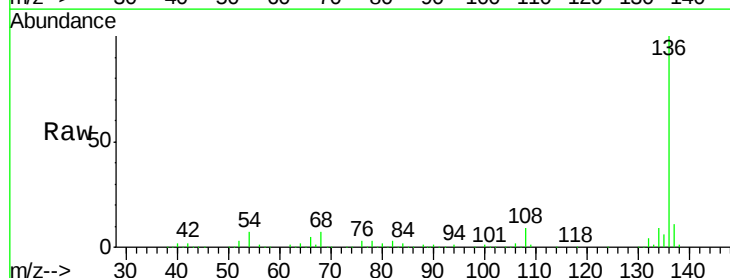
Ion Ratio Lower Upper

136 100

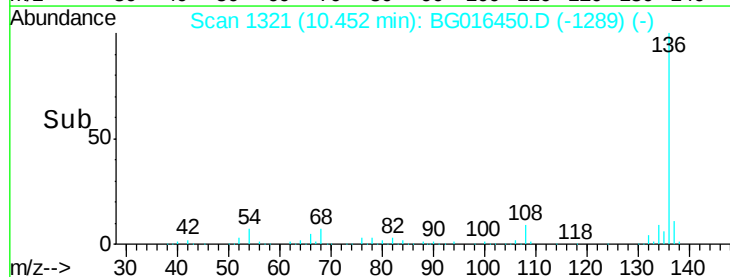
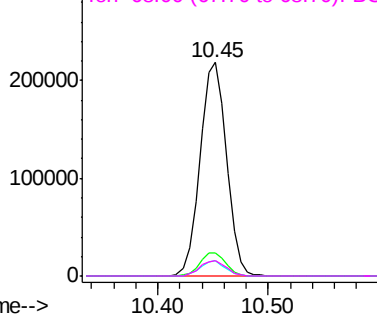
137 10.9 8.7 13.1

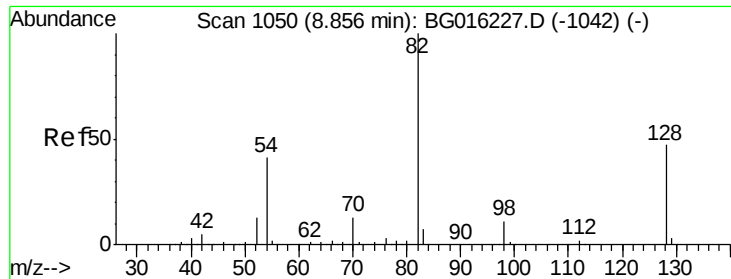
54 7.0 6.3 9.5

68 7.3 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

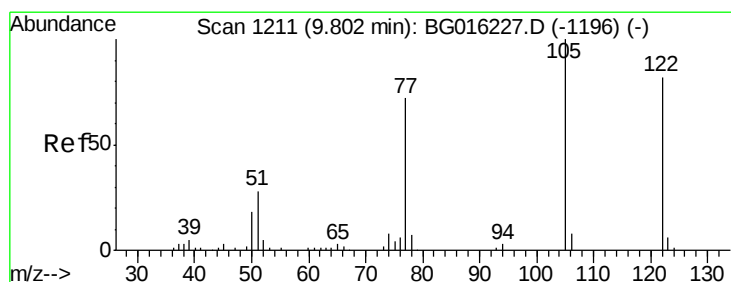
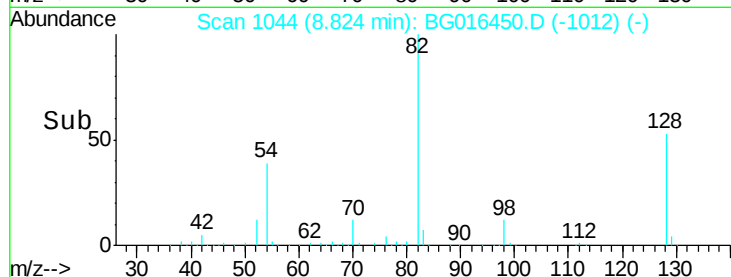
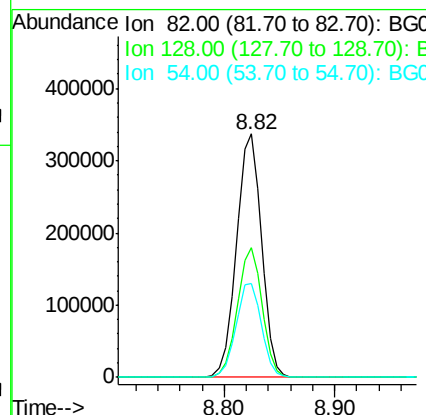
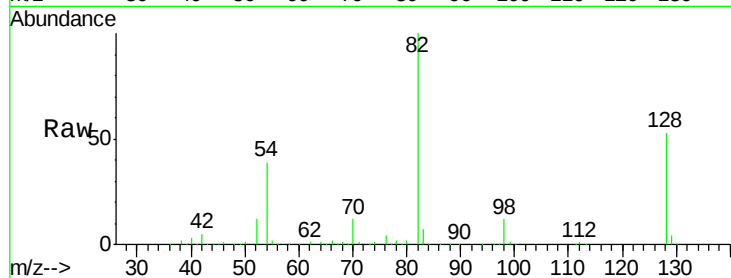




#23
 Nitrobenzene-d5
 Concen: 84.54 ng
 RT: 8.82 min Scan# 1044
 Delta R.T. -0.01 min
 Lab File: BG016450.D
 Acq: 16 Apr 2015 8:54

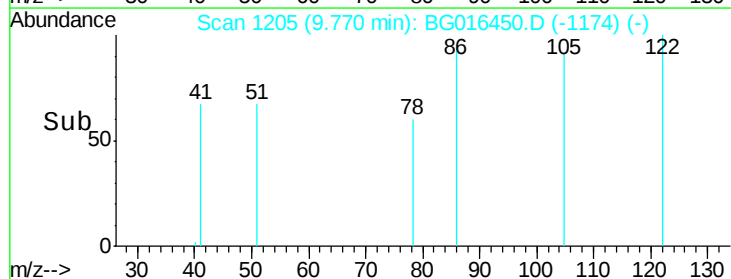
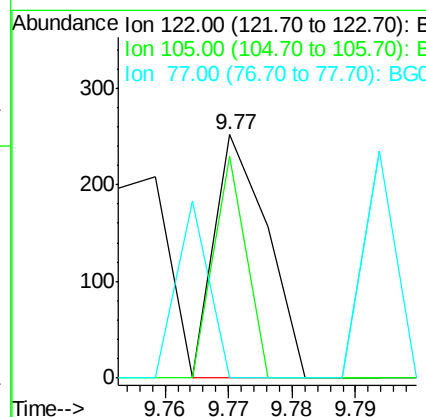
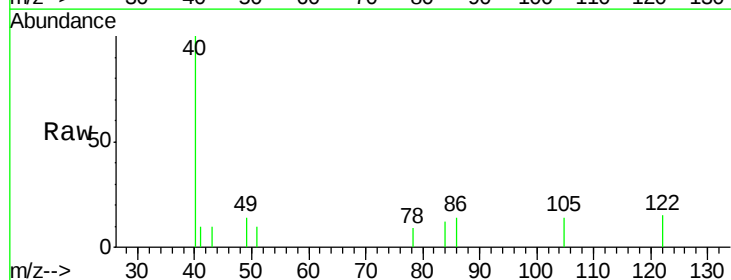
Instrument :
 BNA_G
 ClientSampleId :
 TE-PMW-43

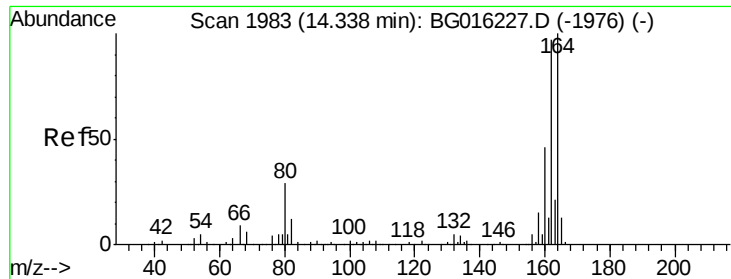
Tgt Ion: 82 Resp: 538137
 Ion Ratio Lower Upper
 82 100
 128 53.3 37.8 56.8
 54 38.5 32.6 49.0



#32
 Benzoic acid
 Concen: 8.76 ng
 RT: 9.77 min Scan# 1205
 Delta R.T. -0.02 min
 Lab File: BG016450.D
 Acq: 16 Apr 2015 8:54

Tgt Ion: 122 Resp: 144
 Ion Ratio Lower Upper
 122 100
 105 90.9 99.7 139.7#
 77 0.0 66.8 106.8#

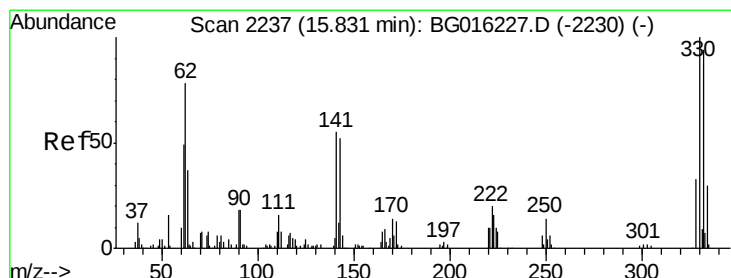
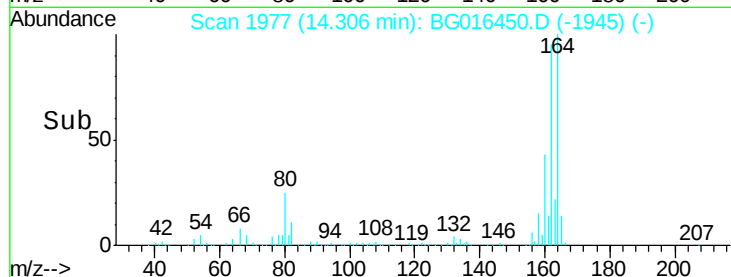
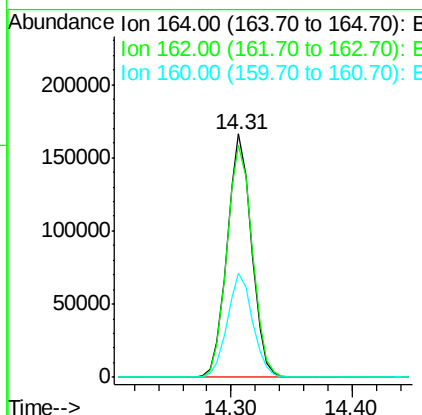
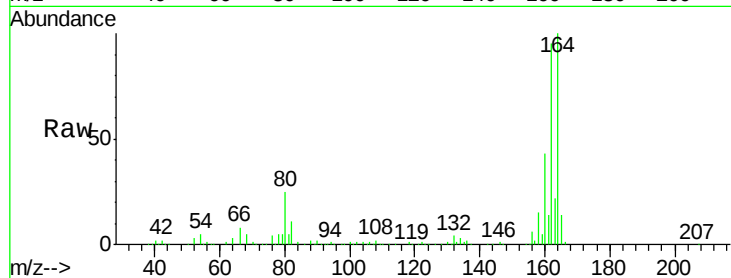




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.31 min Scan# 1977
Delta R.T. -0.01 min
Lab File: BG016450.D
Acq: 16 Apr 2015 8:54

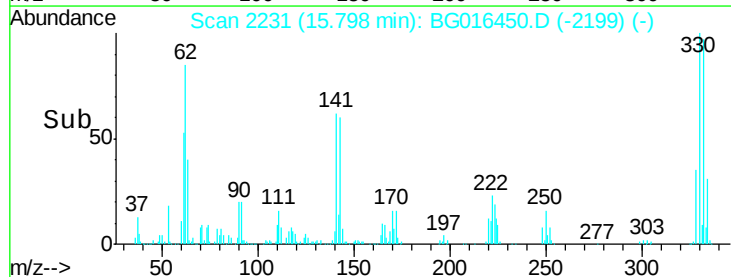
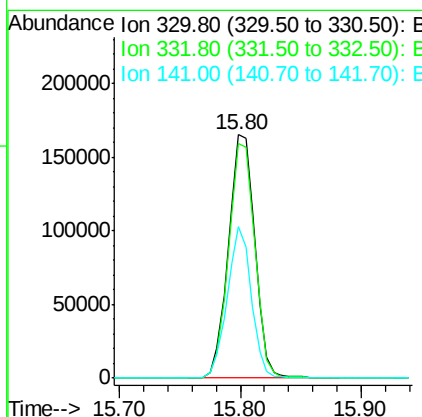
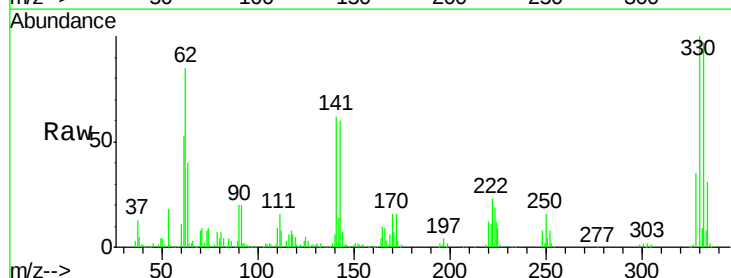
Instrument :
BNA_G
ClientSampleId :
TE-PMW-43

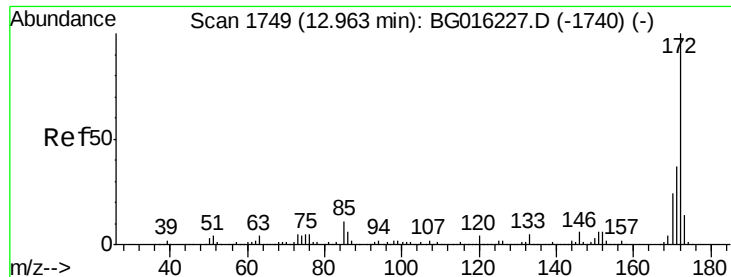
Tgt Ion:164 Resp: 232923
Ion Ratio Lower Upper
164 100
162 95.2 77.3 115.9
160 42.9 36.7 55.1



#41
2,4,6-Tribromophenol
Concen: 159.79 ng
RT: 15.80 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BG016450.D
Acq: 16 Apr 2015 8:54

Tgt Ion:330 Resp: 251704
Ion Ratio Lower Upper
330 100
332 96.4 75.8 113.6
141 56.8 46.6 69.8

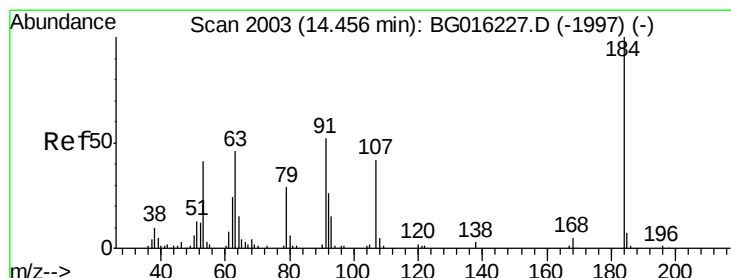
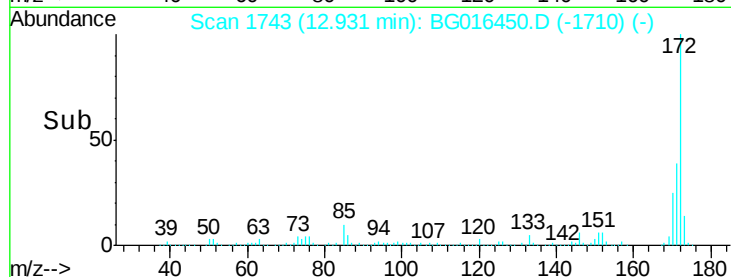
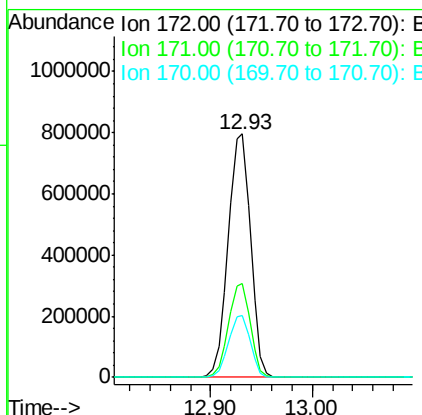
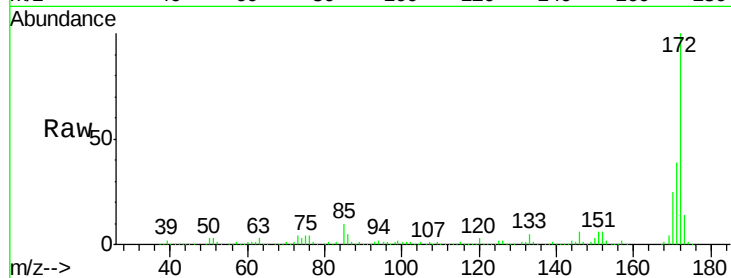




#44
 2-Fluorobiphenyl
 Concen: 89.24 ng
 RT: 12.93 min Scan# 1743
 Delta R.T. -0.01 min
 Lab File: BG016450.D
 Acq: 16 Apr 2015 8:54

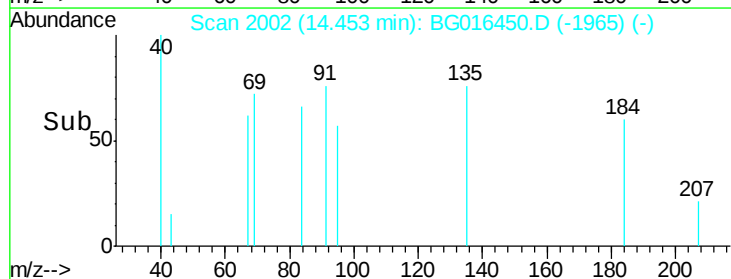
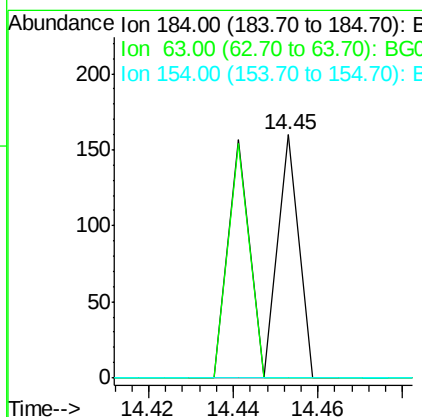
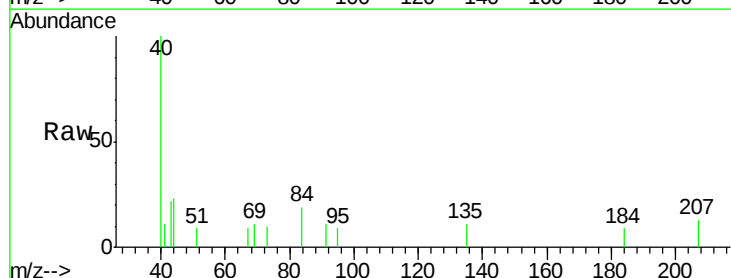
Instrument :
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 ClientSampleId :
 TE-PMW-43

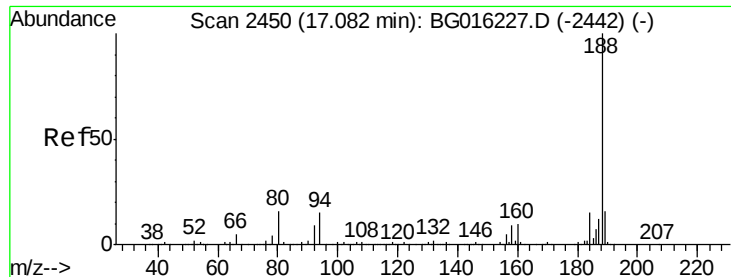
Tgt Ion:172 Resp: 1220837
 Ion Ratio Lower Upper
 172 100
 171 38.8 29.6 44.4
 170 25.2 19.4 29.2



#53
 2,4-Dinitrophenol
 Concen: 8.30 ng
 RT: 14.45 min Scan# 2002
 Delta R.T. 0.02 min
 Lab File: BG016450.D
 Acq: 16 Apr 2015 8:54

Tgt Ion:184 Resp: 112
 Ion Ratio Lower Upper
 184 100
 63 0.0 45.8 68.6#
 154 0.0 34.5 51.7#

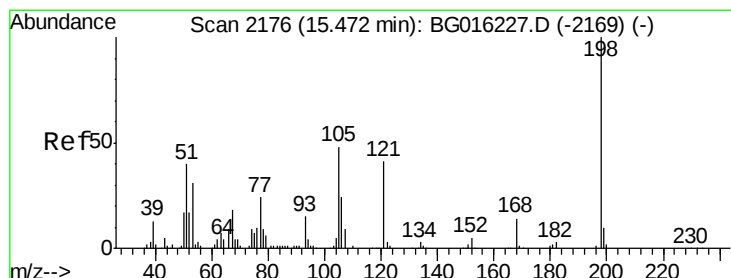
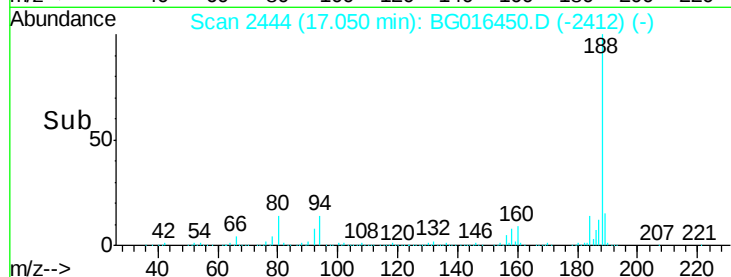
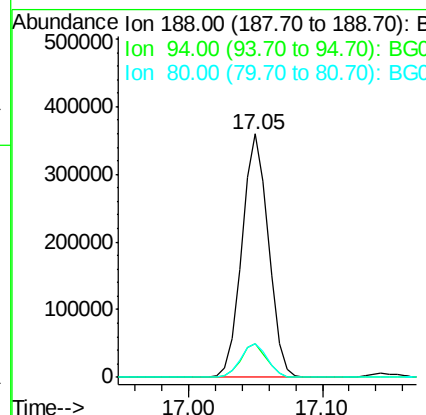
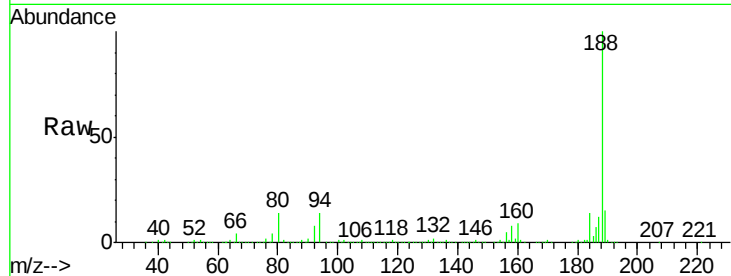




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.05 min Scan# 2444
Delta R.T. -0.01 min
Lab File: BG016450.D
Acq: 16 Apr 2015 8:54

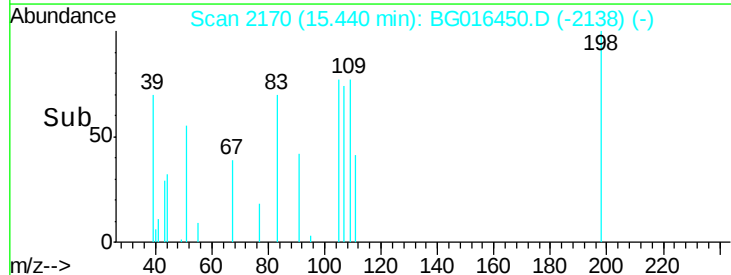
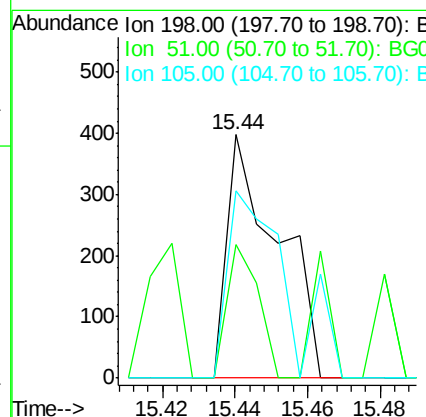
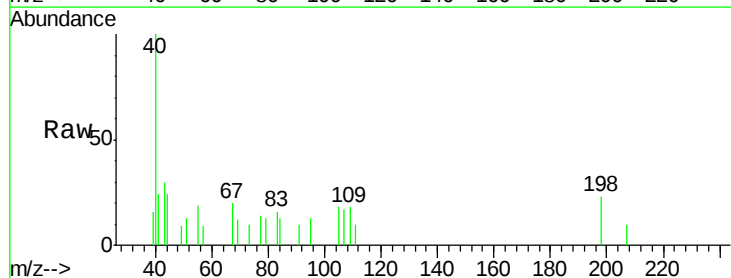
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ClientSampleId :
TE-PMW-43

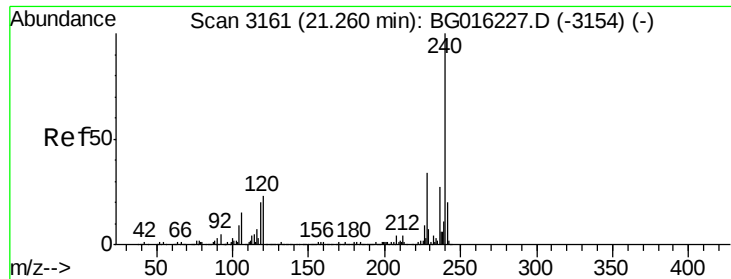
Tgt Ion:188 Resp: 492231
Ion Ratio Lower Upper
188 100
94 13.9 12.2 18.4
80 13.7 12.8 19.2



#64
4,6-Dinitro-2-methylphenol
Concen: 3.99 ng
RT: 15.44 min Scan# 2170
Delta R.T. -0.01 min
Lab File: BG016450.D
Acq: 16 Apr 2015 8:54

Tgt Ion:198 Resp: 389
Ion Ratio Lower Upper
198 100
51 55.0 20.7 60.7
105 77.1 28.8 68.8#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.23 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG016450.D

Acq: 16 Apr 2015 8:54

Instrument :

BNA_G

ClientSampleId :

TE-PMW-43

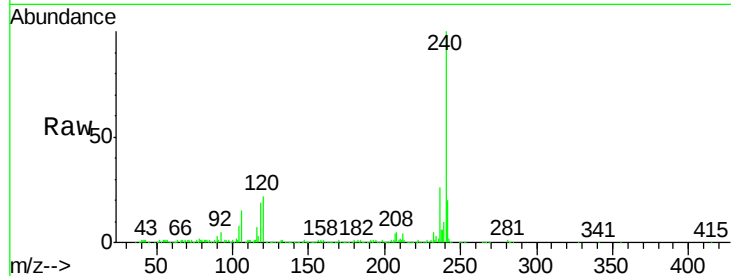
Tgt Ion:240 Resp: 399083

Ion Ratio Lower Upper

240 100

120 21.7 18.6 28.0

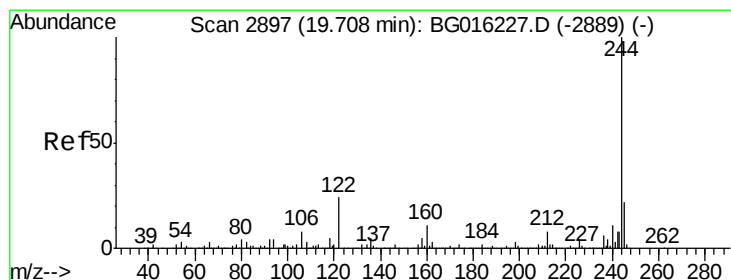
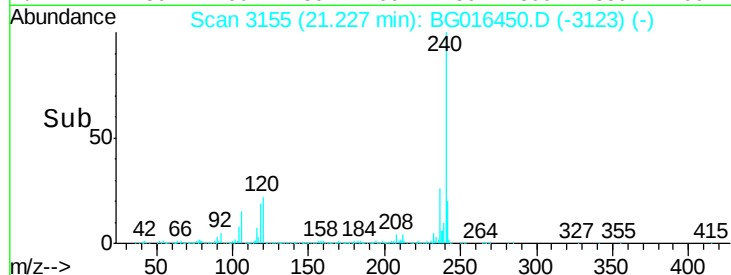
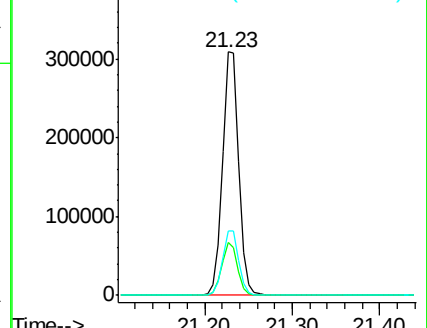
236 26.3 21.7 32.5



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: 77.47 ng

RT: 19.68 min Scan# 2892

Delta R.T. -0.01 min

Lab File: BG016450.D

Acq: 16 Apr 2015 8:54

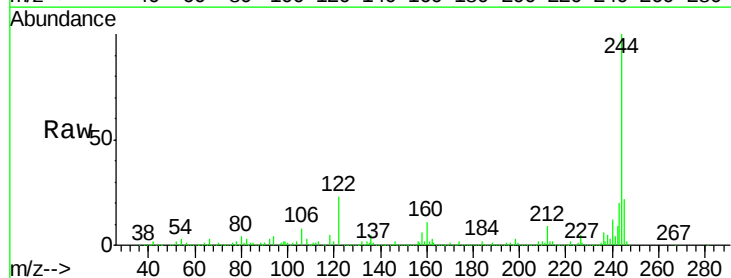
Tgt Ion:244 Resp: 1320959

Ion Ratio Lower Upper

244 100

212 8.8 6.6 9.8

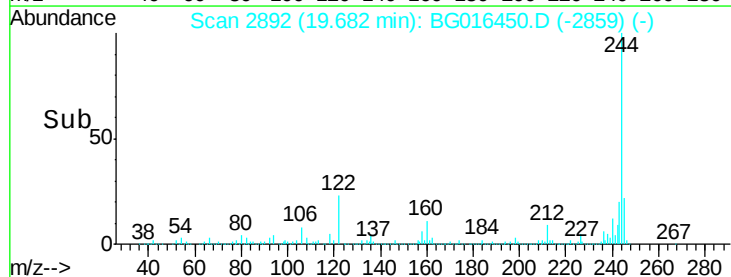
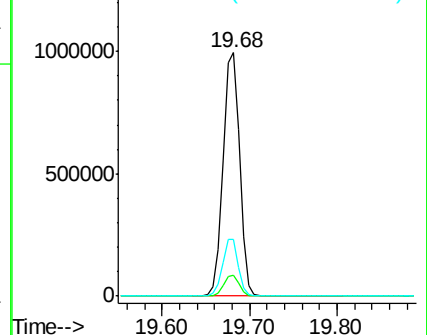
122 23.4 19.1 28.7

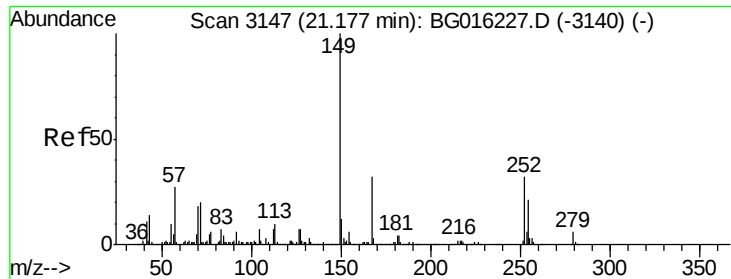


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

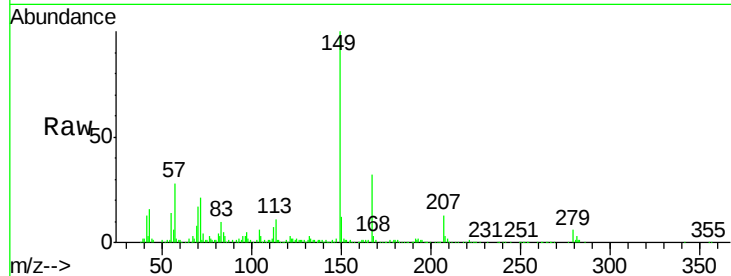




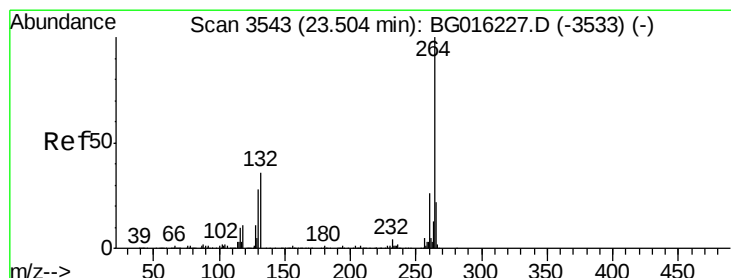
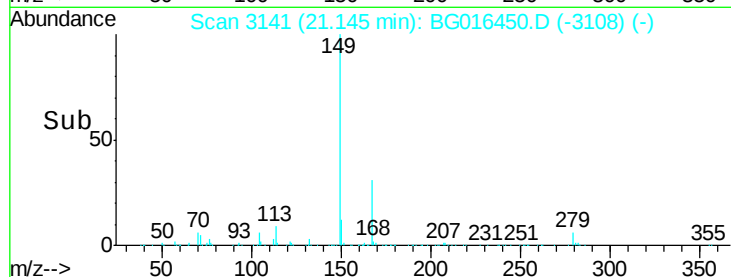
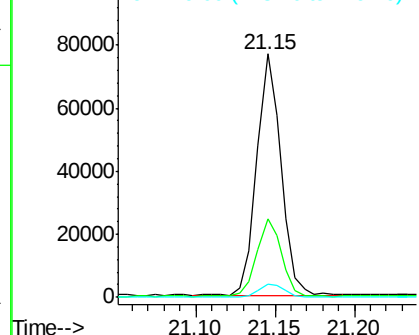
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 4.44 ng
 RT: 21.15 min Scan# 3141
 Delta R.T. -0.01 min
 Lab File: BG016450.D
 Acq: 16 Apr 2015 8:54

Instrument :
 BNA_G
 ClientSampleId :
 TE-PMW-43

Tgt Ion:149 Resp: 82053
 Ion Ratio Lower Upper
 149 100
 167 32.2 25.8 38.6
 279 5.6 4.7 7.1

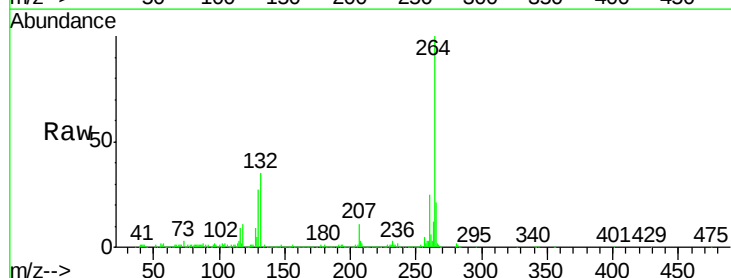


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.46 min Scan# 3535
 Delta R.T. -0.01 min
 Lab File: BG016450.D
 Acq: 16 Apr 2015 8:54

Tgt Ion:264 Resp: 375461
 Ion Ratio Lower Upper
 264 100
 260 25.1 20.4 30.6
 265 21.2 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

