

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050515\
 Data File : BG016883.D
 Acq On : 6 May 2015 3:13
 Operator : TP/IZ
 Sample : G2114-17
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GRID-6(6-12)

Quant Time: May 06 03:58:30 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 06 03:35:52 2015
 Response via : Initial Calibration

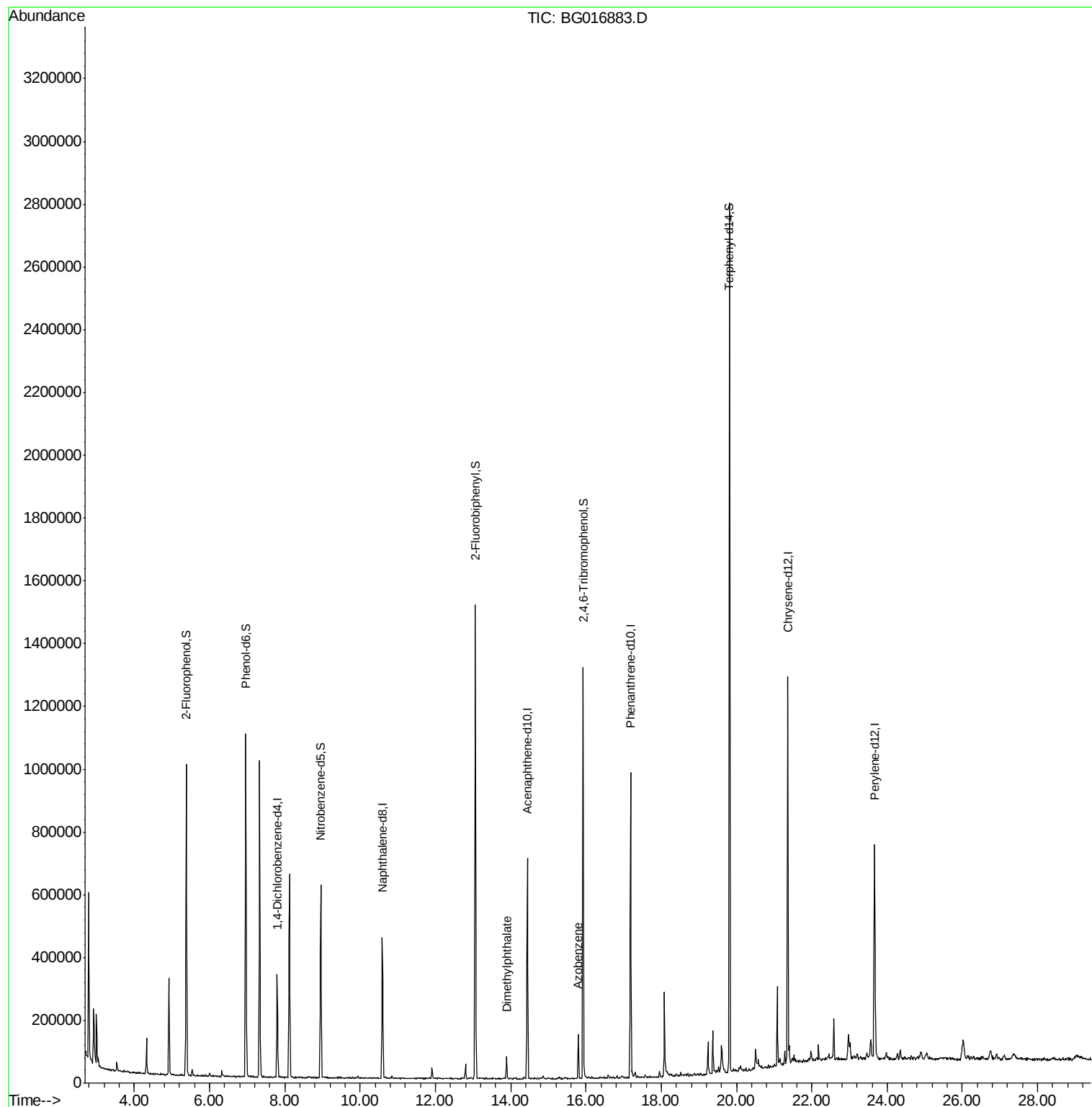
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	76472	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	332809	20.00	ng	0.00
38) Acenaphthene-d10	14.44	164	226296	20.00	ng	0.00
63) Phenanthrene-d10	17.19	188	505655	20.00	ng	0.00
75) Chrysene-d12	21.36	240	501892	20.00	ng	0.00
86) Perylene-d12	23.67	264	488190	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	362299	82.49	ng	0.00
7) Phenol-d6	6.97	99	508669	81.07	ng	0.00
23) Nitrobenzene-d5	8.96	82	318570	46.76	ng	0.00
41) 2,4,6-Tribromophenol	15.93	330	184824	81.36	ng	0.00
44) 2-Fluorobiphenyl	13.07	172	678745	45.26	ng	0.00
78) Terphenyl-d14	19.81	244	1064164	49.71	ng	0.00
Target Compounds						
32) Benzoic acid	9.83	122	203	Below Cal	#	1
49) Dimethylphthalate	13.89	163	40248	2.38	ng	98
62) Azobenzene	15.80	77	37548	2.03	ng	# 1

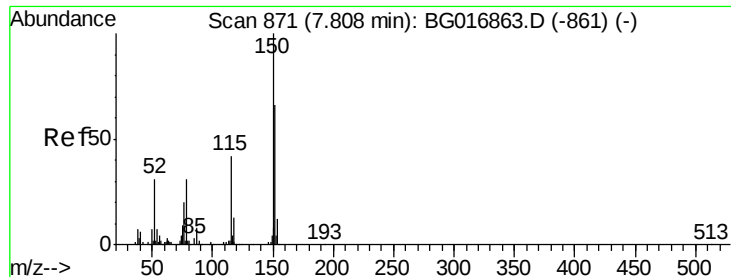
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.80 min Scan# 870

Delta R.T. -0.00 min

Lab File: BG016883.D

Acq: 6 May 2015 3:13

Instrument :

BNA_G

ClientSampleId :

GRID-6(6-12)

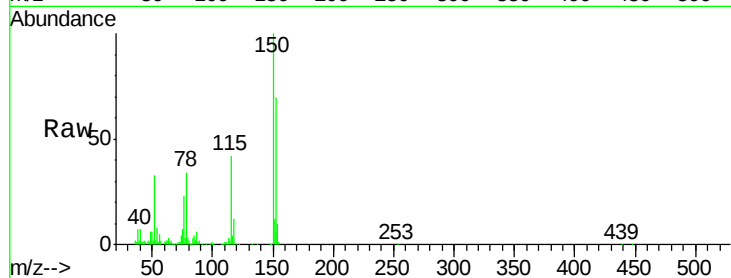
Tgt Ion:152 Resp: 76472

Ion Ratio Lower Upper

152 100

150 142.7 121.0 181.4

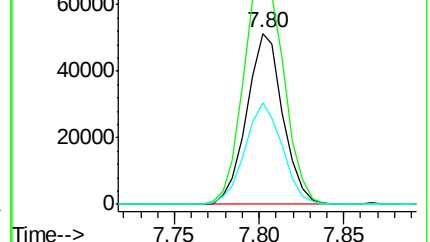
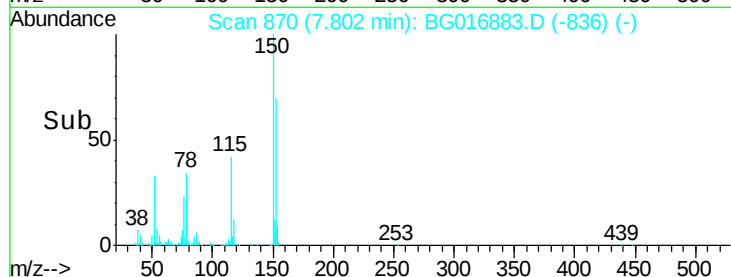
115 59.3 50.5 75.7



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: 82.49 ng

RT: 5.38 min Scan# 458

Delta R.T. -0.00 min

Lab File: BG016883.D

Acq: 6 May 2015 3:13

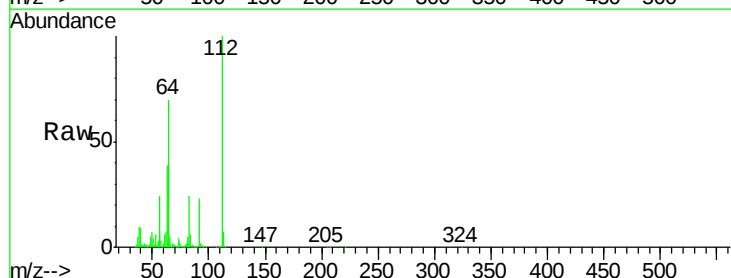
Tgt Ion:112 Resp: 362299

Ion Ratio Lower Upper

112 100

64 70.3 51.4 77.2

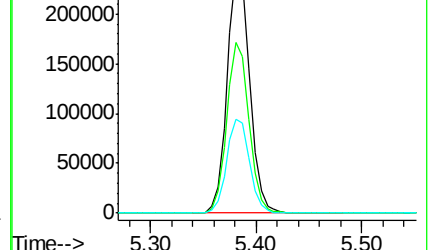
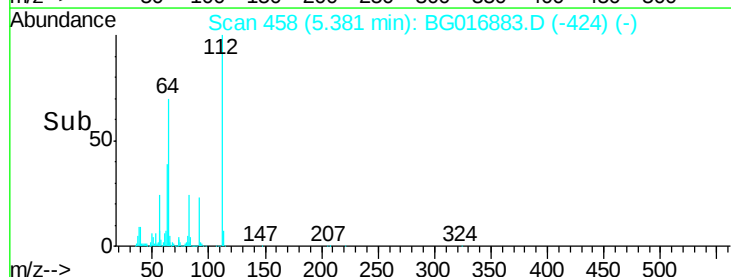
63 38.6 28.1 42.1



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: 81.07 ng

RT: 6.97 min Scan# 728

Delta R.T. 0.00 min

Lab File: BG016883.D

Acq: 6 May 2015 3:13

Instrument :

BNA_G

ClientSampleId :

GRID-6(6-12)

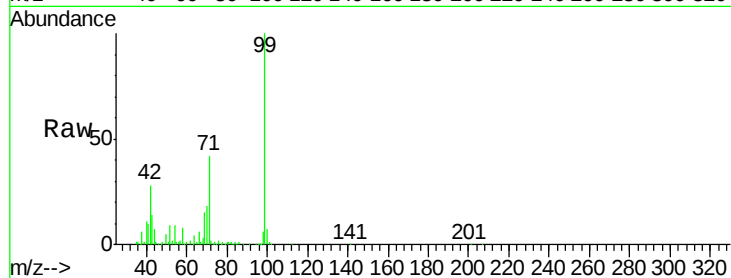
Tgt Ion: 99 Resp: 508669

Ion Ratio Lower Upper

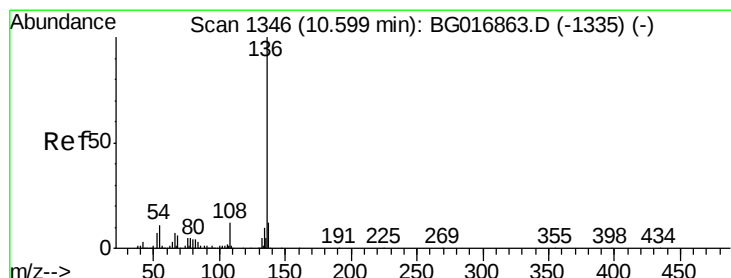
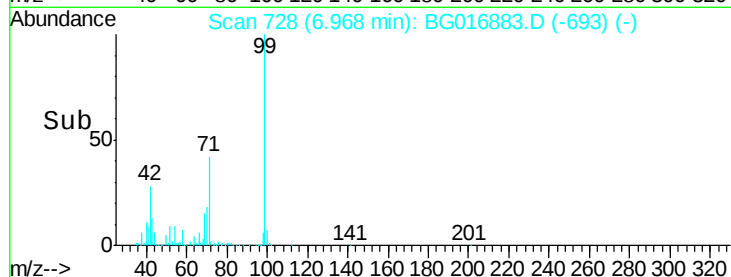
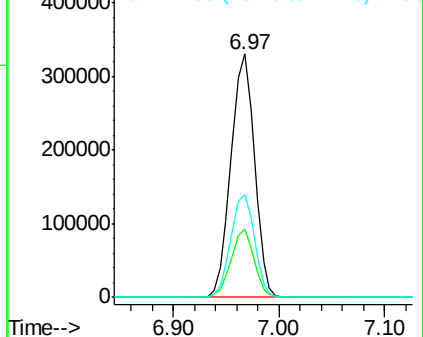
99 100

42 27.9 22.1 33.1

71 42.4 33.4 50.0



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: 10.59 min Scan# 1345

Delta R.T. -0.00 min

Lab File: BG016883.D

Acq: 6 May 2015 3:13

Tgt Ion: 136 Resp: 332809

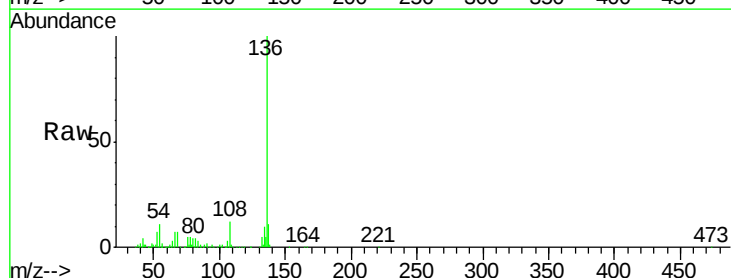
Ion Ratio Lower Upper

136 100

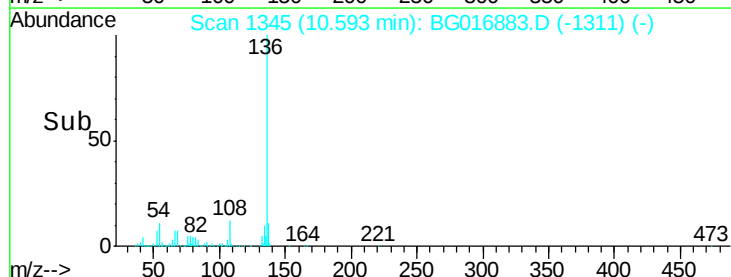
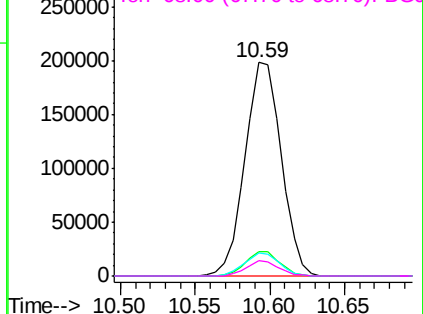
137 11.5 9.8 14.8

54 10.9 8.7 13.1

68 7.0 5.0 7.4



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

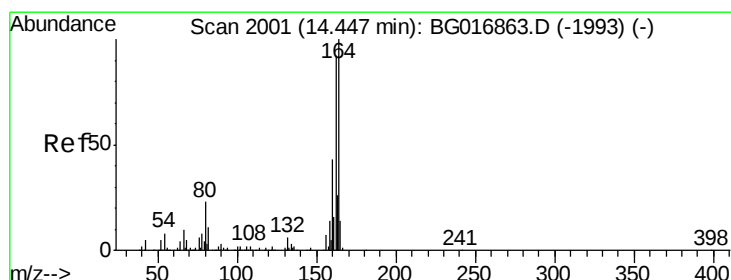
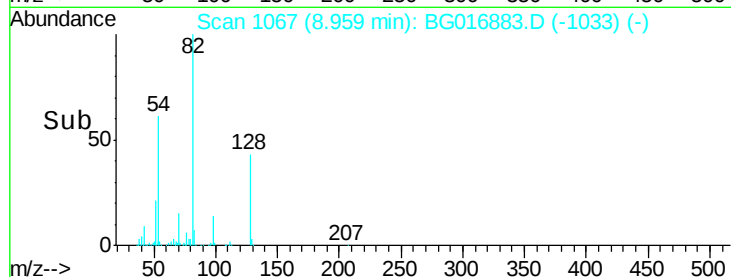
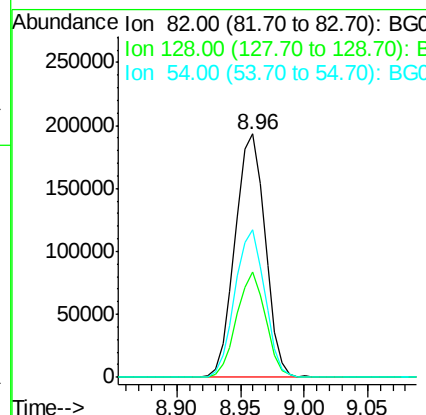
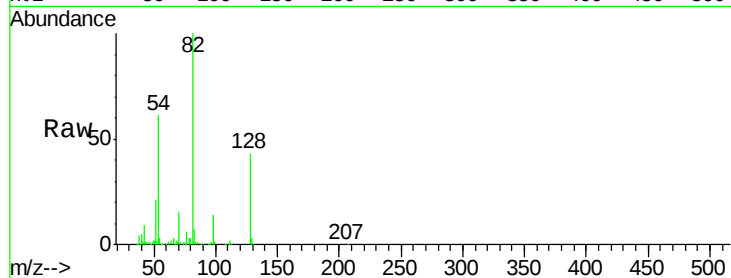




#23
 Nitrobenzene-d5
 Concen: 46.76 ng
 RT: 8.96 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: BG016883.D
 Acq: 6 May 2015 3:13

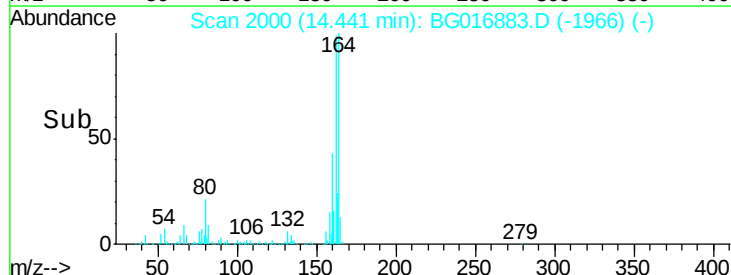
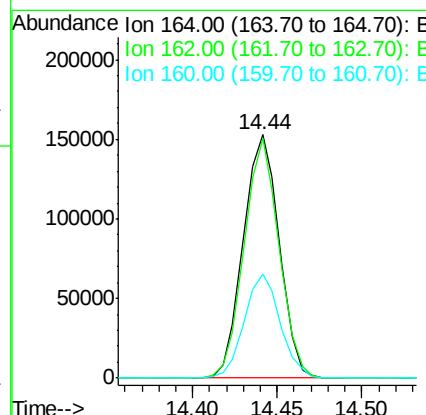
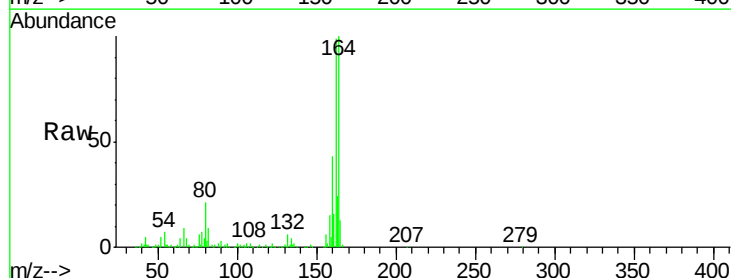
Instrument :
 BNA_G
 ClientSampleId :
 GRID-6(6-12)

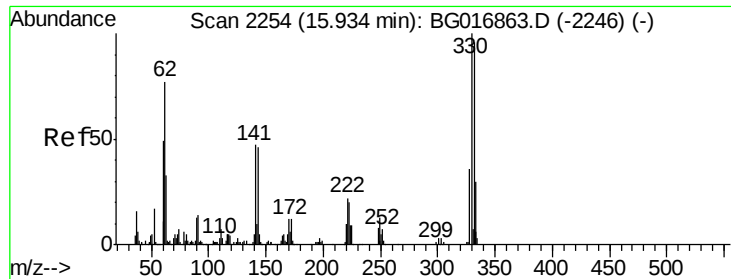
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.2	33.2	49.8
54	60.6	48.6	72.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.44 min Scan# 2000
 Delta R.T. -0.00 min
 Lab File: BG016883.D
 Acq: 6 May 2015 3:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.7	74.0	111.0
160	43.0	34.7	52.1

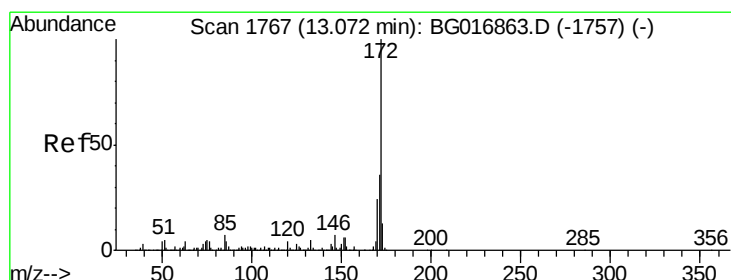
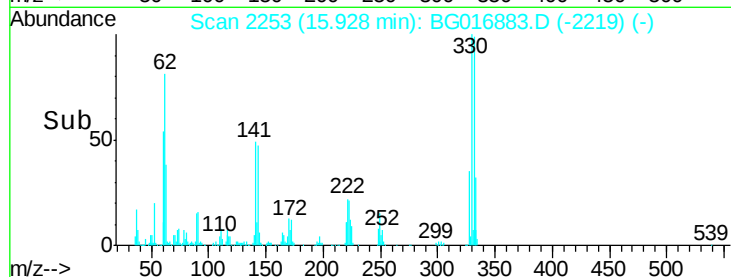
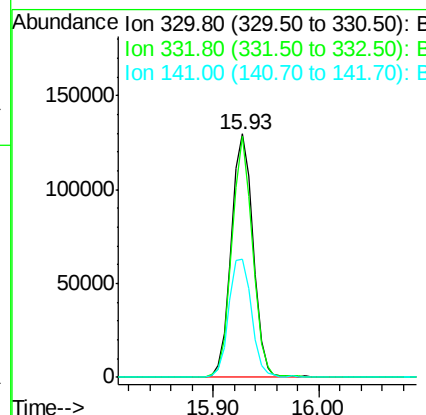
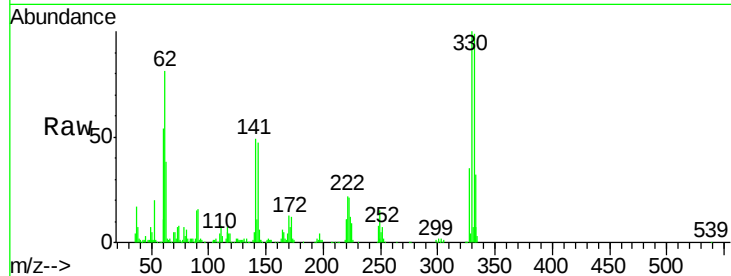




#41
 2,4,6-Tribromophenol
 Concen: 81.36 ng
 RT: 15.93 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: BG016883.D
 Acq: 6 May 2015 3:13

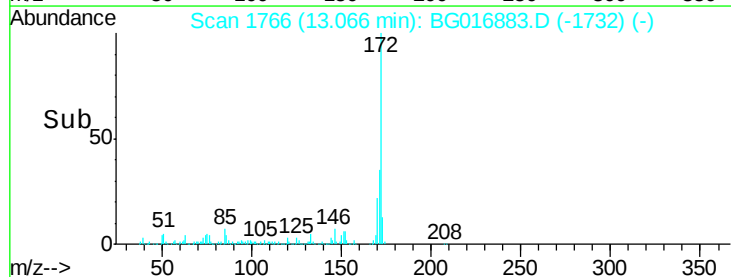
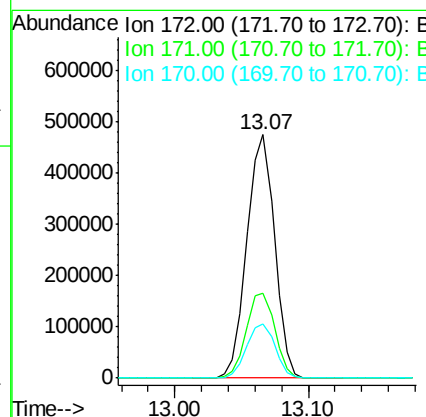
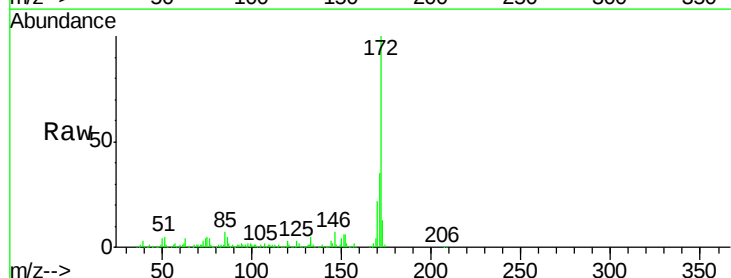
Instrument :
 BNA_G
 ClientSampleId :
 GRID-6(6-12)

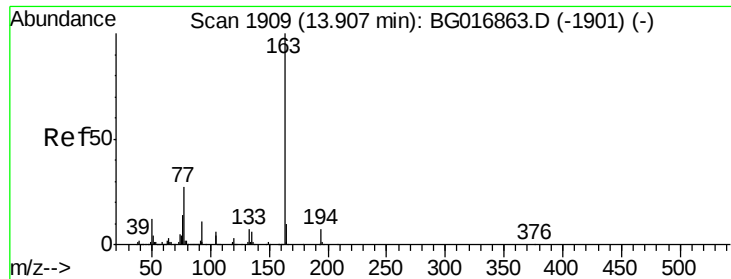
Tgt Ion:330 Resp: 184824
 Ion Ratio Lower Upper
 330 100
 332 93.1 0.0 0.0#
 141 50.9 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 45.26 ng
 RT: 13.07 min Scan# 1766
 Delta R.T. -0.00 min
 Lab File: BG016883.D
 Acq: 6 May 2015 3:13

Tgt Ion:172 Resp: 678745
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.0 43.4
 170 22.1 19.0 28.4

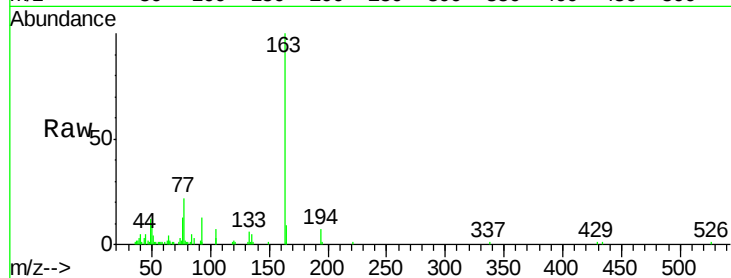




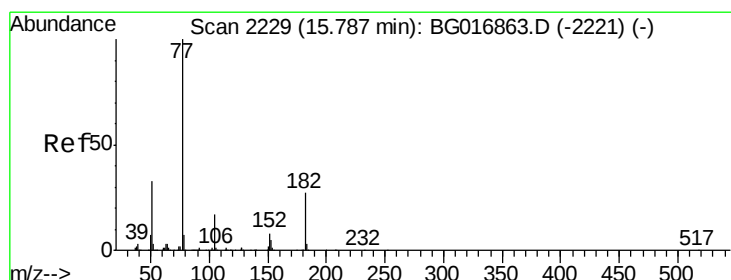
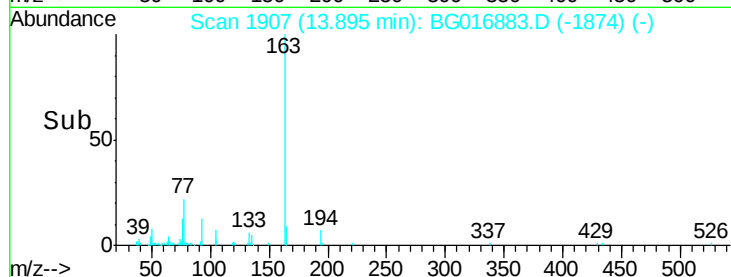
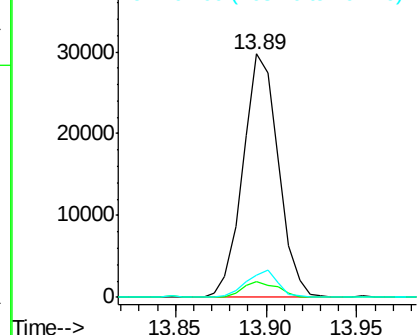
#49
Dimethylphthalate
Concen: 2.38 ng
RT: 13.89 min Scan# 1907
Delta R.T. -0.01 min
Lab File: BG016883.D
Acq: 6 May 2015 3:13

Instrument :
BNA_G
ClientSampleId :
GRID-6(6-12)

Tgt Ion	Ratio	Lower	Upper
163	100		
194	6.7	5.2	7.8
164	9.2	8.4	12.6

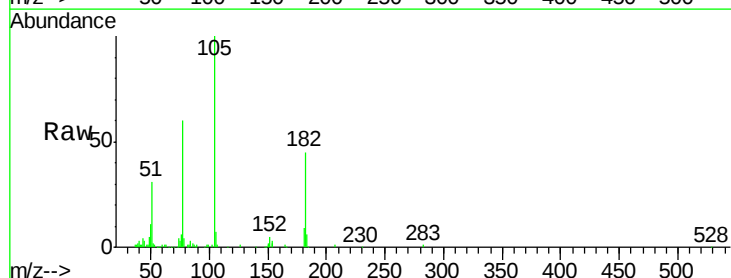


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

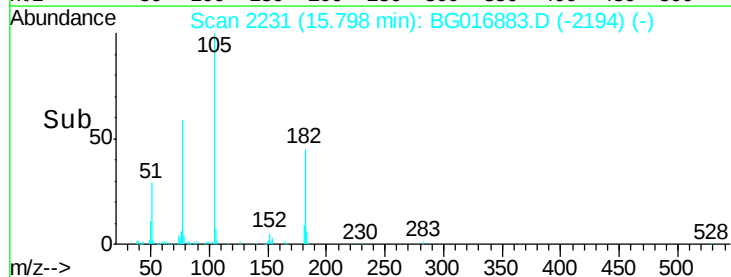
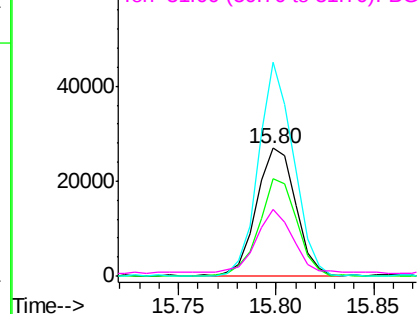


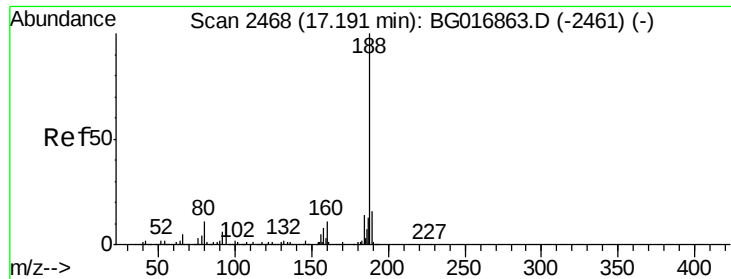
#62
Azobenzene
Concen: 2.03 ng
RT: 15.80 min Scan# 2231
Delta R.T. 0.01 min
Lab File: BG016883.D
Acq: 6 May 2015 3:13

Tgt Ion	Ratio	Lower	Upper
77	100		
182	76.0	7.4	47.4#
105	167.3	0.0	36.6#
51	51.8	13.4	53.4



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.19 min Scan# 2467

Delta R.T. -0.00 min

Lab File: BG016883.D

Acq: 6 May 2015 3:13

Instrument :

BNA_G

ClientSampleId :

GRID-6(6-12)

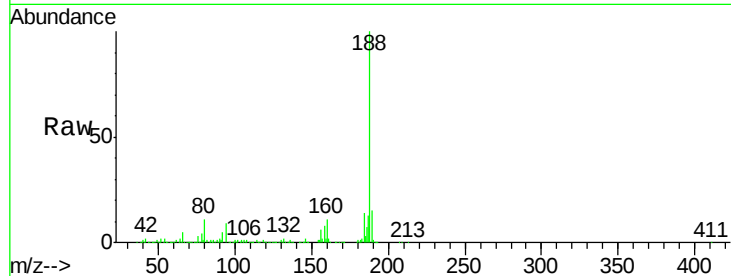
Tgt Ion:188 Resp: 505655

Ion Ratio Lower Upper

188 100

94 9.3 8.2 12.4

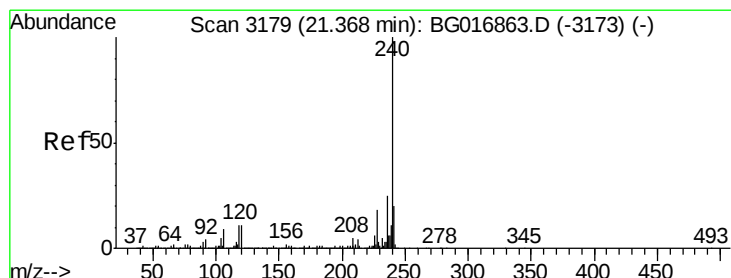
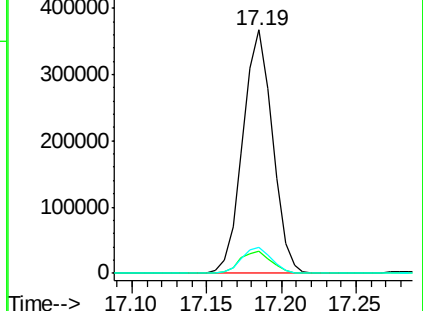
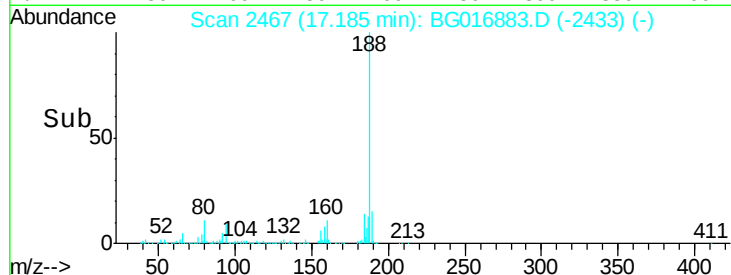
80 10.7 8.8 13.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.36 min Scan# 3178

Delta R.T. -0.00 min

Lab File: BG016883.D

Acq: 6 May 2015 3:13

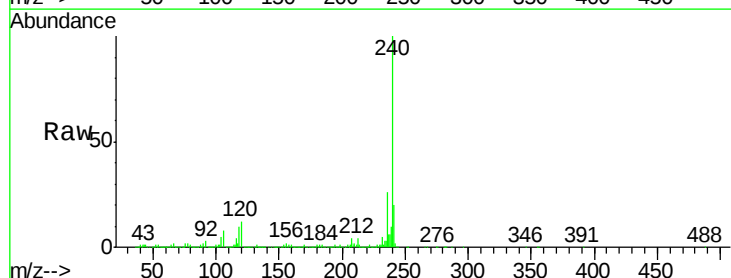
Tgt Ion:240 Resp: 501892

Ion Ratio Lower Upper

240 100

120 11.6 9.1 13.7

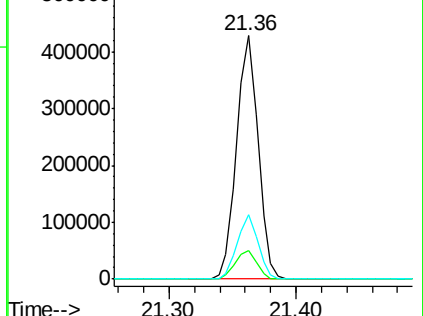
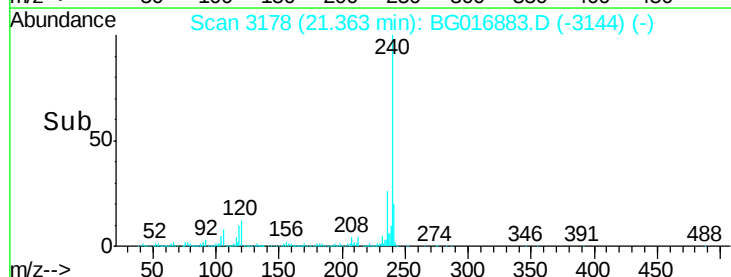
236 26.2 20.2 30.4

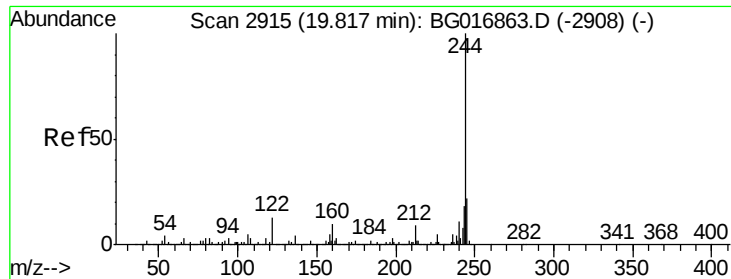


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 49.71 ng

RT: 19.81 min Scan# 2914

Delta R.T. -0.00 min

Lab File: BG016883.D

Acq: 6 May 2015 3:13

Instrument :

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GRID-6(6-12)

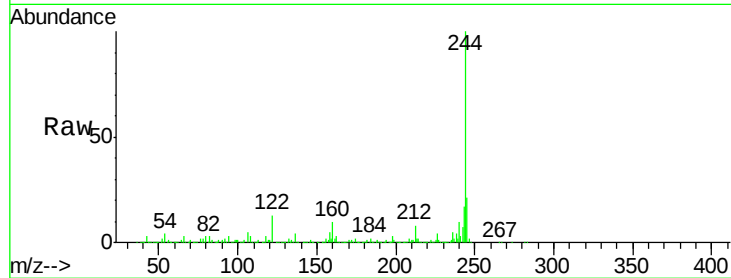
Tgt Ion:244 Resp: 1064164

Ion Ratio Lower Upper

244 100

212 8.2 7.0 10.6

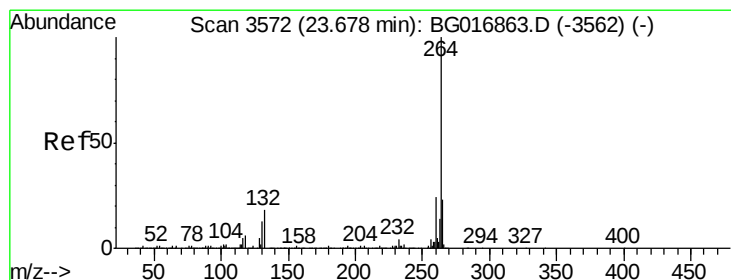
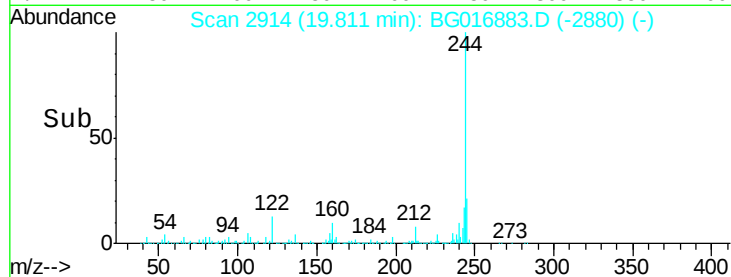
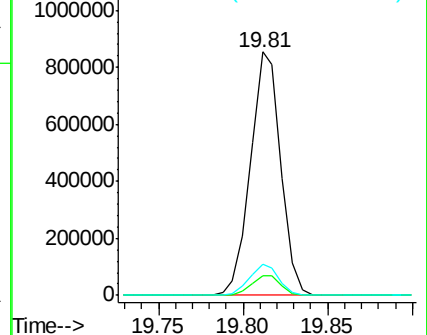
122 12.6 10.4 15.6



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: 23.67 min Scan# 3570

Delta R.T. -0.00 min

Lab File: BG016883.D

Acq: 6 May 2015 3:13

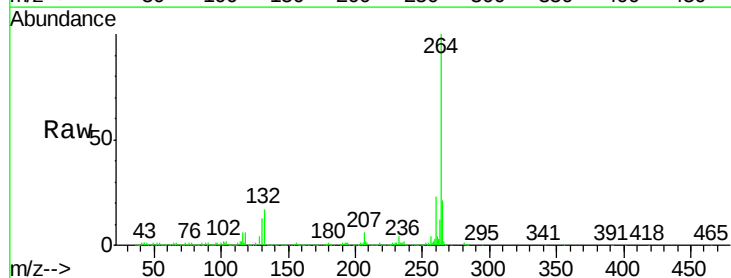
Tgt Ion:264 Resp: 488190

Ion Ratio Lower Upper

264 100

260 22.5 19.5 29.3

265 20.9 18.5 27.7



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

