

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 04:14:43 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

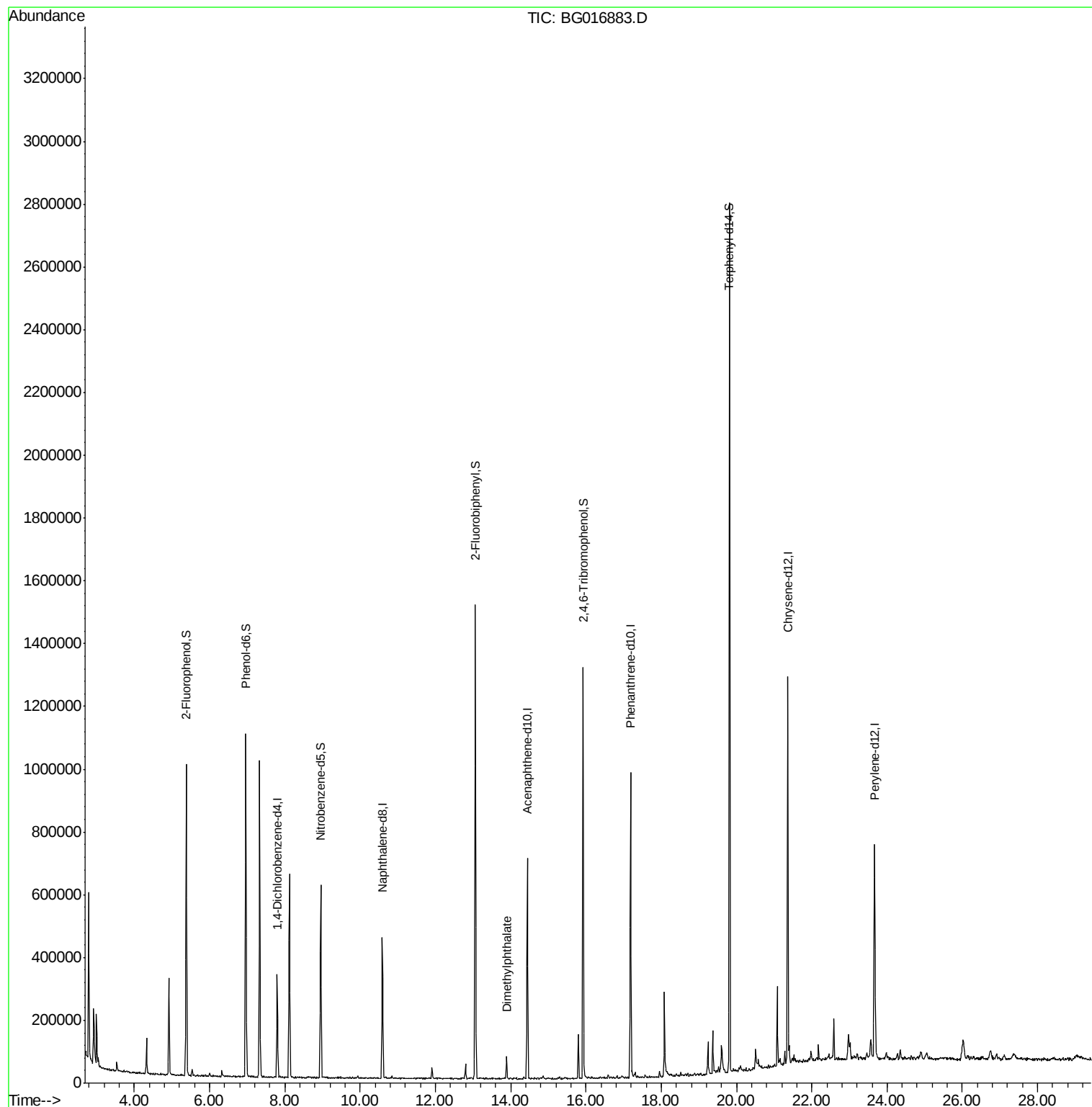
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	76472	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	332809	20.00	ng	0.00
38) Acenaphthene-d10	14.44	164	226296	20.00	ng	0.00
63) Phenanthrene-d10	17.19	188	505655	20.00	ng	0.00
75) Chrysene-d12	21.36	240	501892	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						
49) Dimethylphthalate	13.89	163	40248	2.38	ng	Qvalue 98

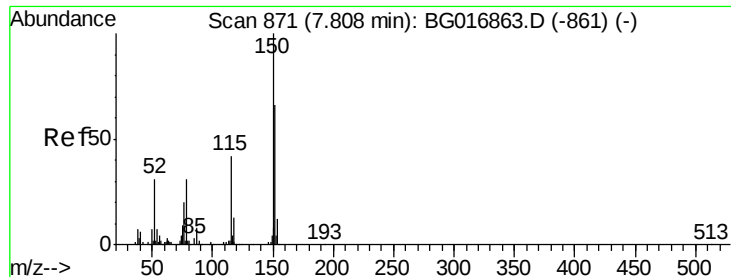
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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)

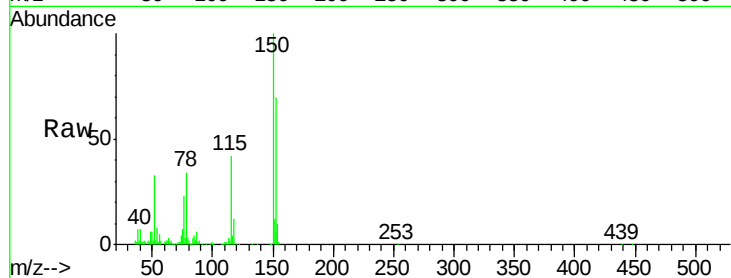
Tot Ion:152 Resp: 76472

Ion Ratio Lower Upper

152 100

150 142.7 121.0 181.4

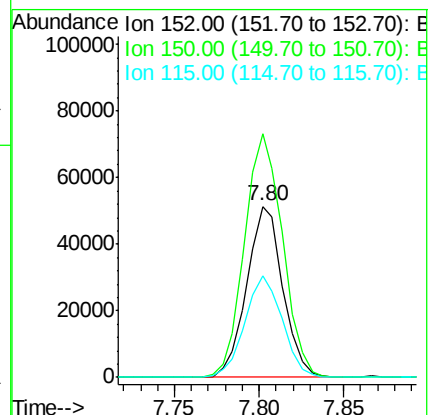
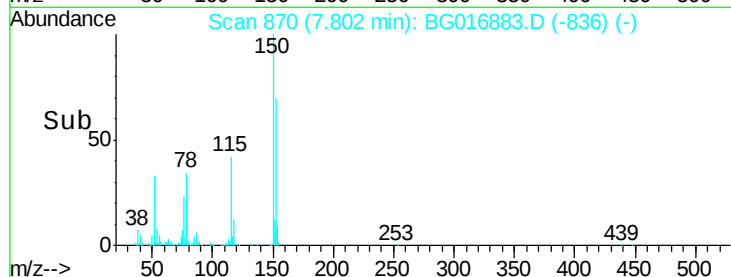
115 59.3 50.5 75.7



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

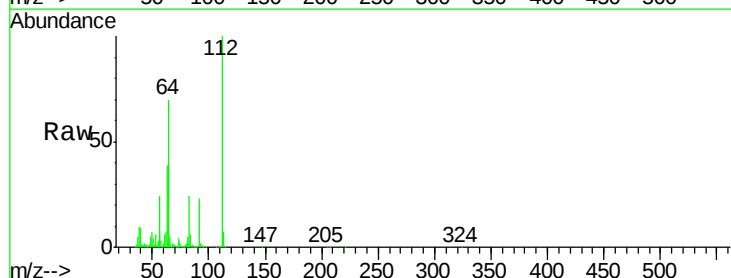
Tgt Ion:112 Resp: 362299

Ion Ratio Lower Upper

112 100

64 70.3 51.4 77.2

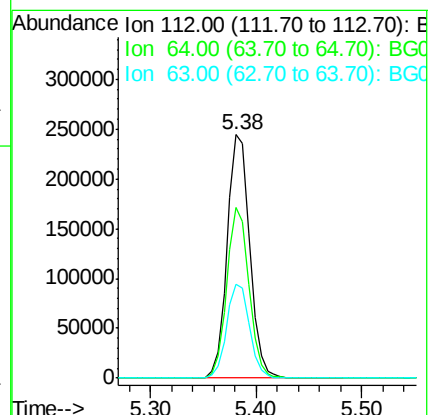
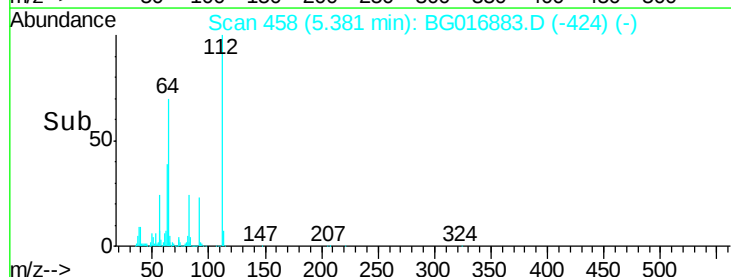
63 38.6 28.1 42.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#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)

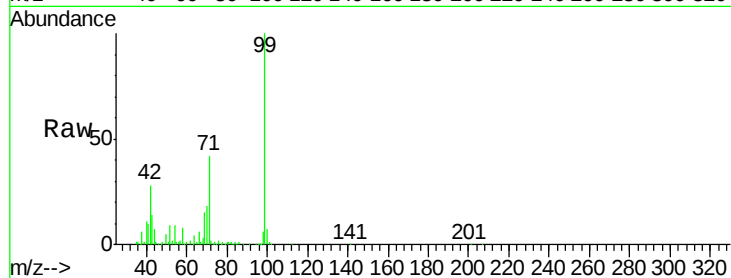
Tot Ion: 99 Resp: 508669

Ion Ratio Lower Upper

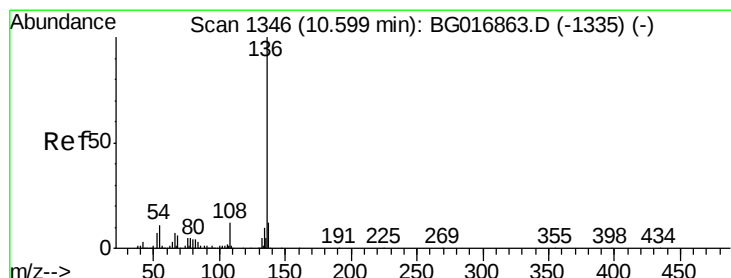
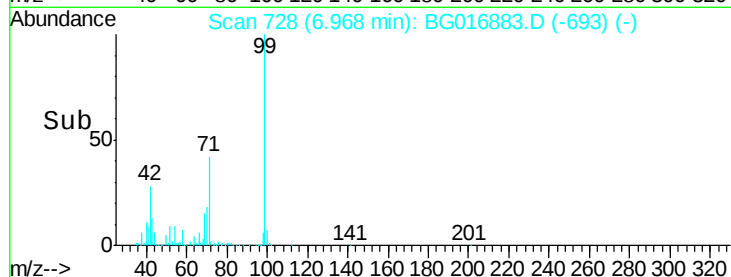
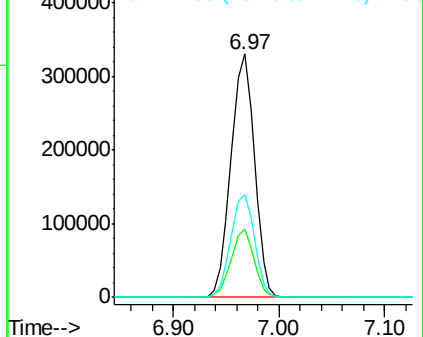
99 100

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

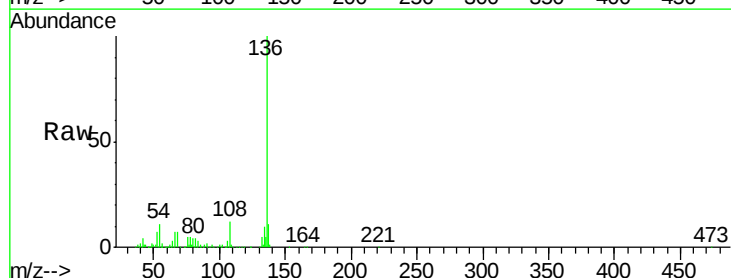
Ion Ratio Lower Upper

136 100

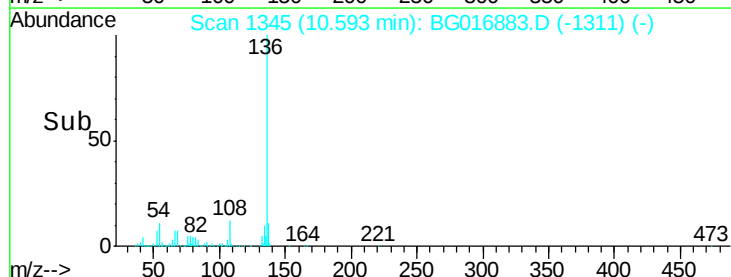
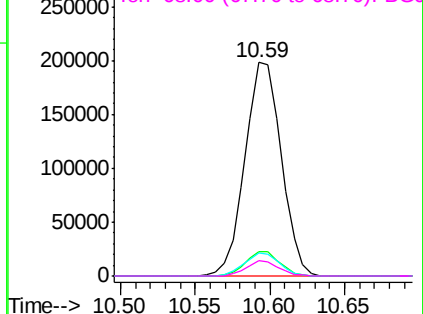
137 11.5 9.8 14.8

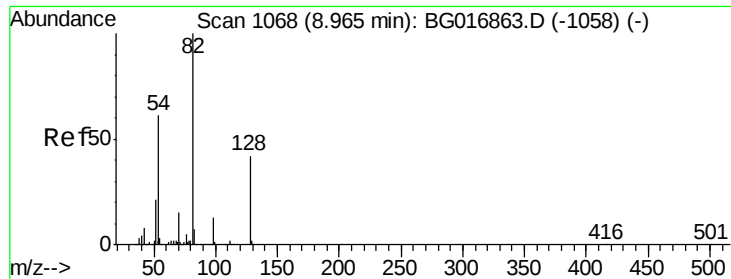
54 10.9 8.7 13.1

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

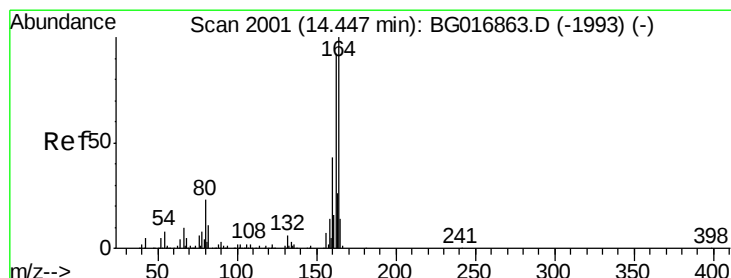
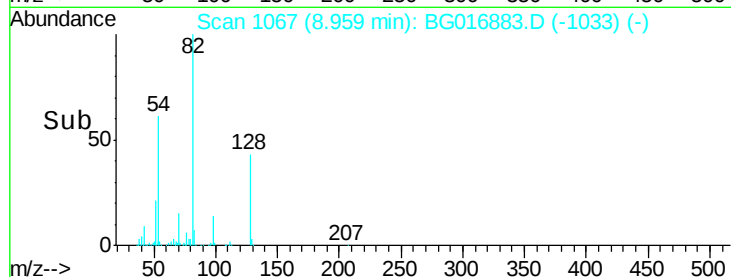
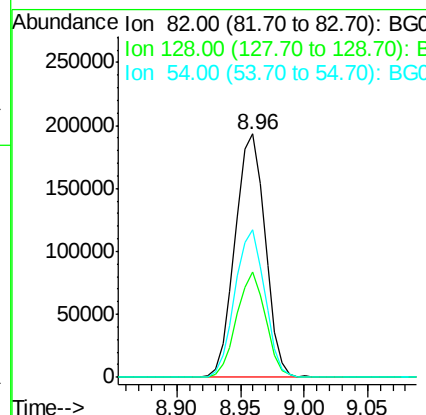
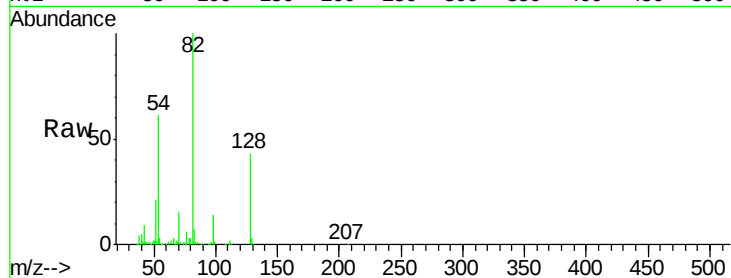




#23
 Nitrobenzene-d5
 Concen: 46.76 ng
 RT: 8.96 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: BG016883.D
 Acq: 6 May 2015 3:13

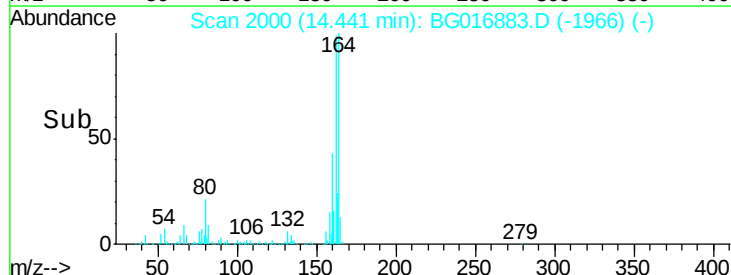
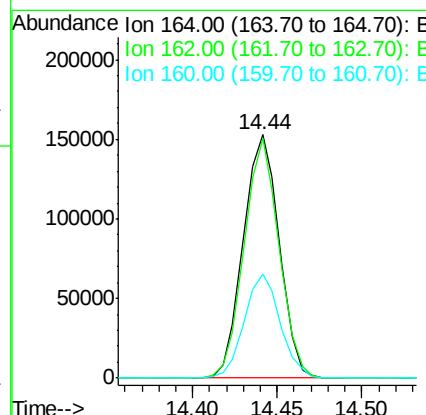
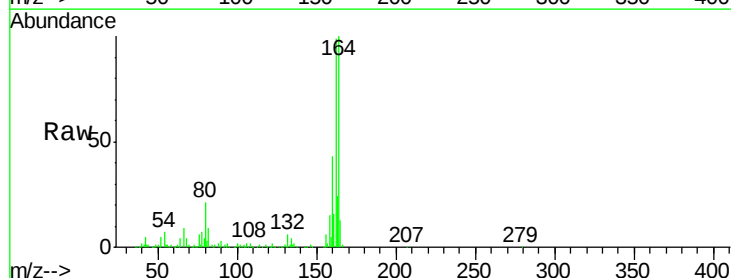
Instrument :
 BNA_G
 ClientSampleId :
 GRID-6(6-12)

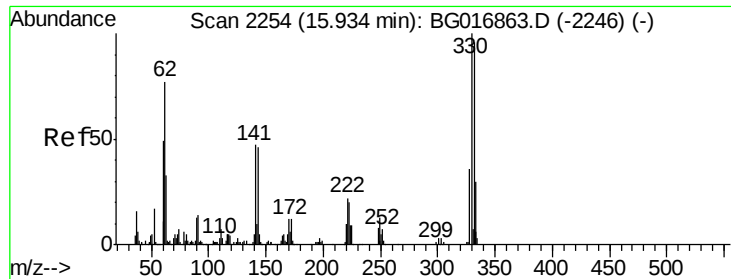
Tot Ion	82	Resp	318570
Ion Ratio	Lower	Upper	
82	100		
128	43.2	33.2	49.8
54	60.6	48.6	72.8



#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	164	Resp	226296
Ion Ratio	Lower	Upper	
164	100		
162	98.7	74.0	111.0
160	43.0	34.7	52.1

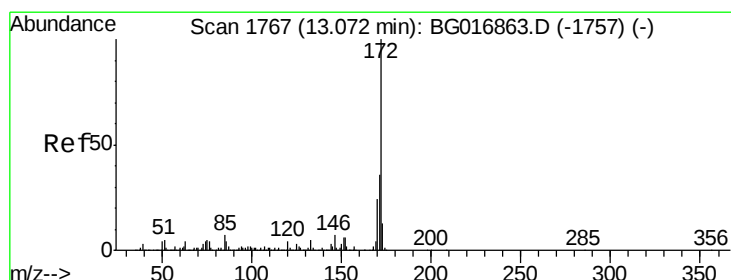
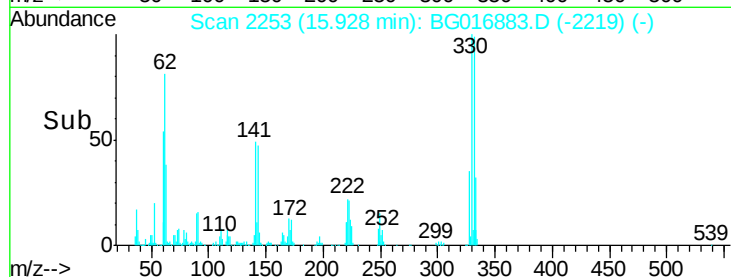
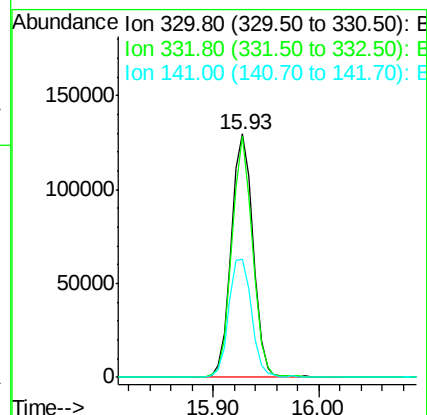
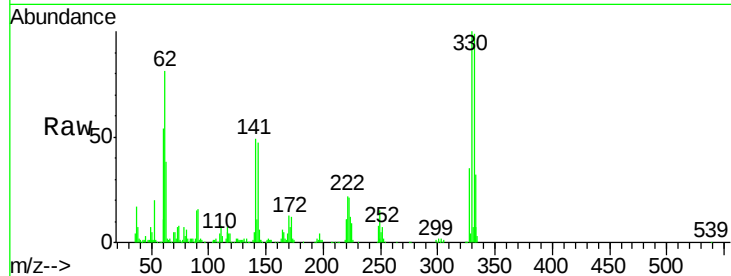




#41
 2,4,6-Tribromophenol
 Concen: 81.36 ng
 RT: 15.93 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: BG016883.D
 Acq: 6 May 2015 3:13

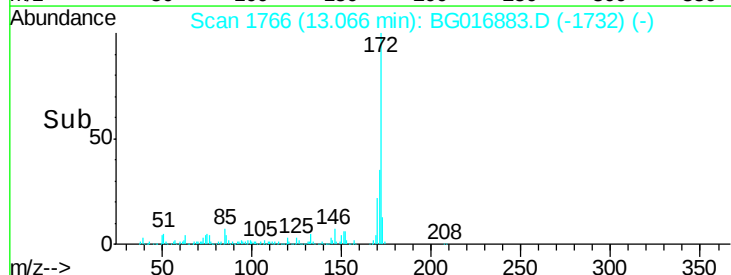
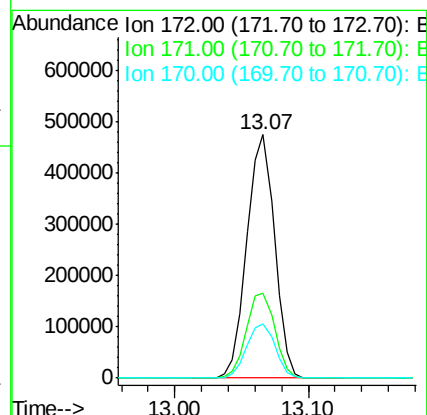
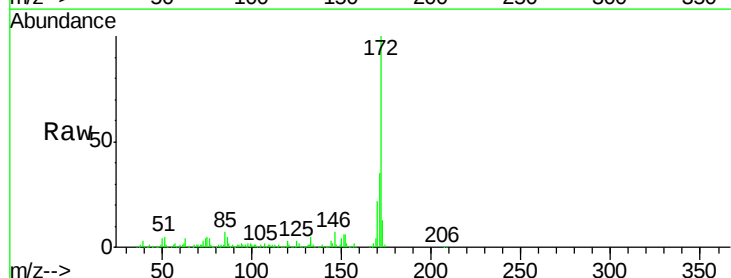
Instrument :
 BNA_G
 ClientSampleId :
 GRID-6(6-12)

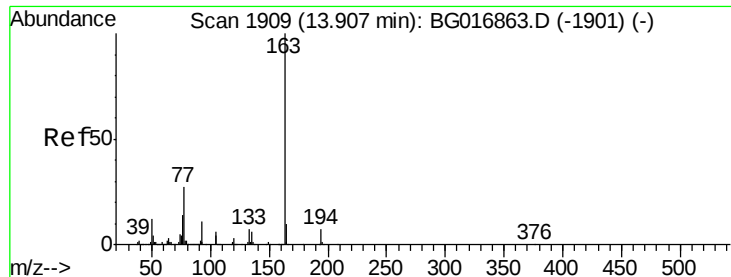
Tot Ion	Ratio	Lower	Upper
330	100		
332	93.1	0.0	0.0#
141	50.9	0.0	0.0#



#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	Ratio	Lower	Upper
172	100		
171	35.1	29.0	43.4
170	22.1	19.0	28.4

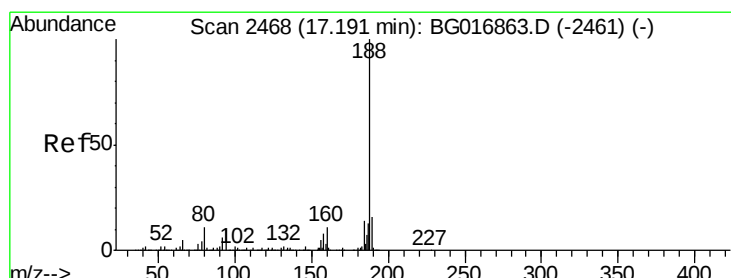
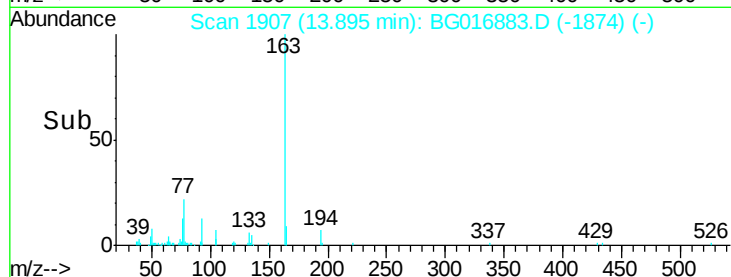
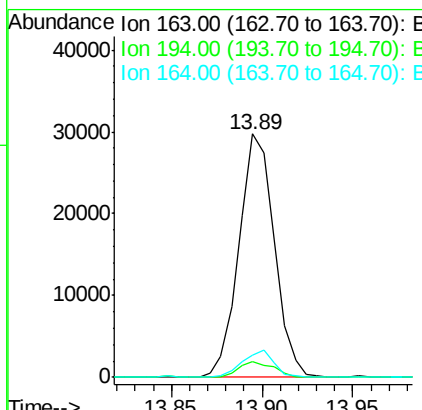
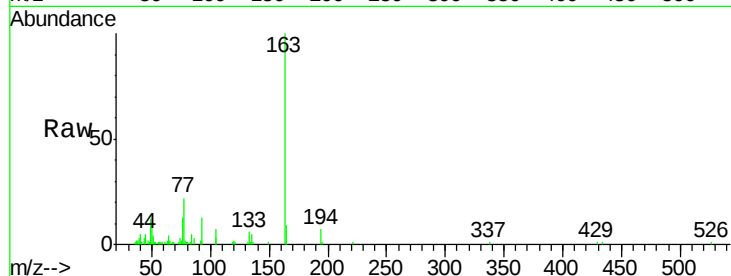




#49
Dimethylphthalate
Concen: 2.38 ng
RT: 13.89 min Scan# 1907
Delta R.T. -0.01 min
Lab File: BG016883.D
Acq: 6 May 2015 3:13

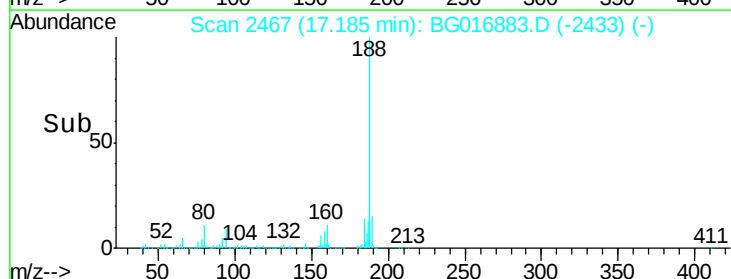
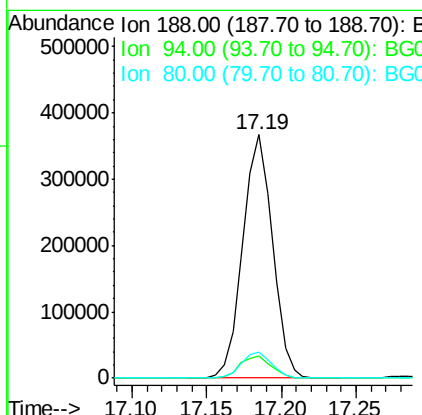
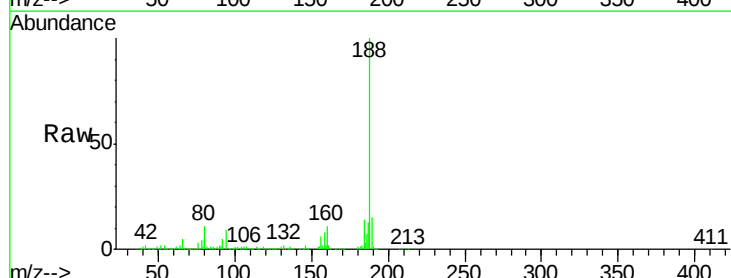
Instrument :
BNA_G
ClientSampleId :
GRID-6(6-12)

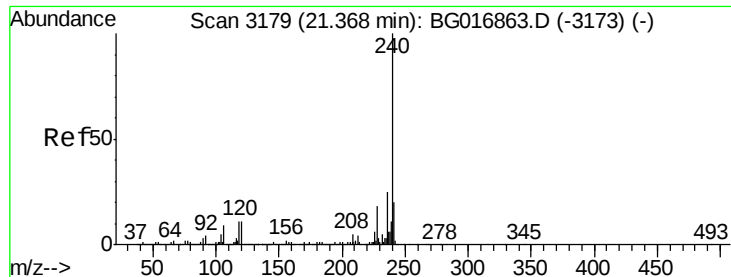
Tot Ion:163 Resp: 40248
Ion Ratio Lower Upper
163 100
194 6.7 5.2 7.8
164 9.2 8.4 12.6



#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

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





#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

Instrument :

BNA_G

ClientSampleId :

GRID-6(6-12)

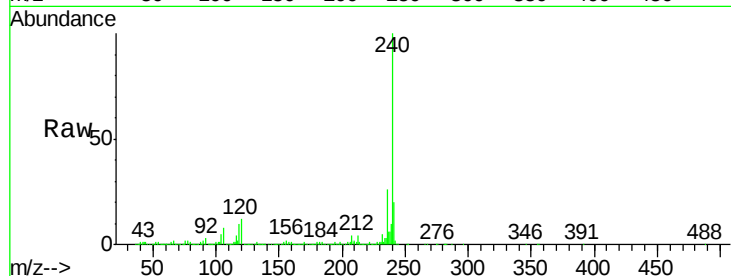
Tot Ion:240 Resp: 501892

Ion Ratio Lower Upper

240 100

120 11.6 9.1 13.7

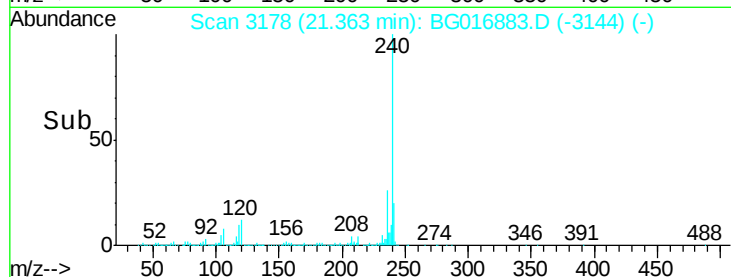
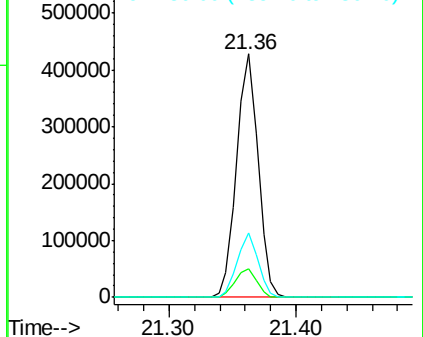
236 26.2 20.2 30.4



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

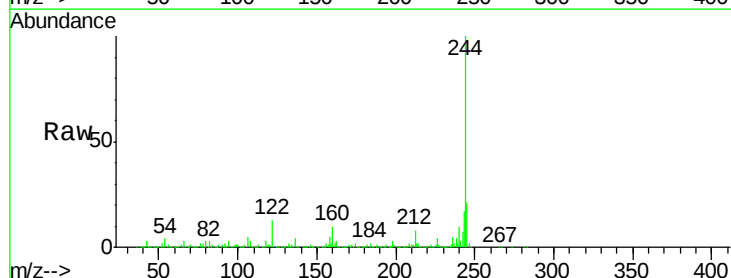
Tgt Ion:244 Resp: 1064164

Ion Ratio Lower Upper

244 100

212 8.2 7.0 10.6

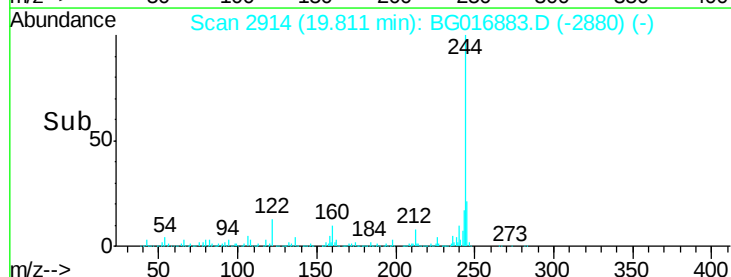
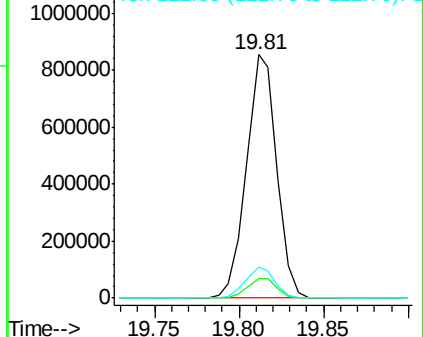
122 12.6 10.4 15.6

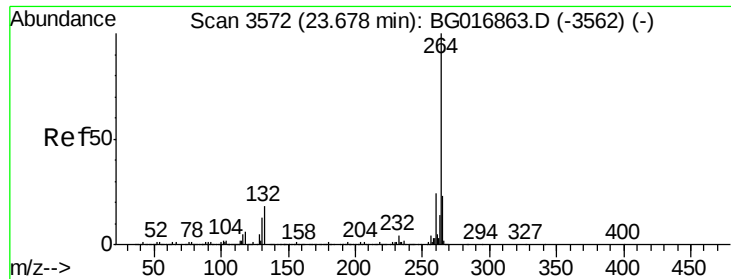


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-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

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.5	29.3
265	20.9	18.5	27.7

