

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
 Data File : BG016991.D
 Acq On : 9 May 2015 16:19
 Operator : TP/IZ
 Sample : G2087-02
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B1-5-7

Quant Time: May 11 01:22:06 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 05 16:13:58 2015
 Response via : Initial Calibration

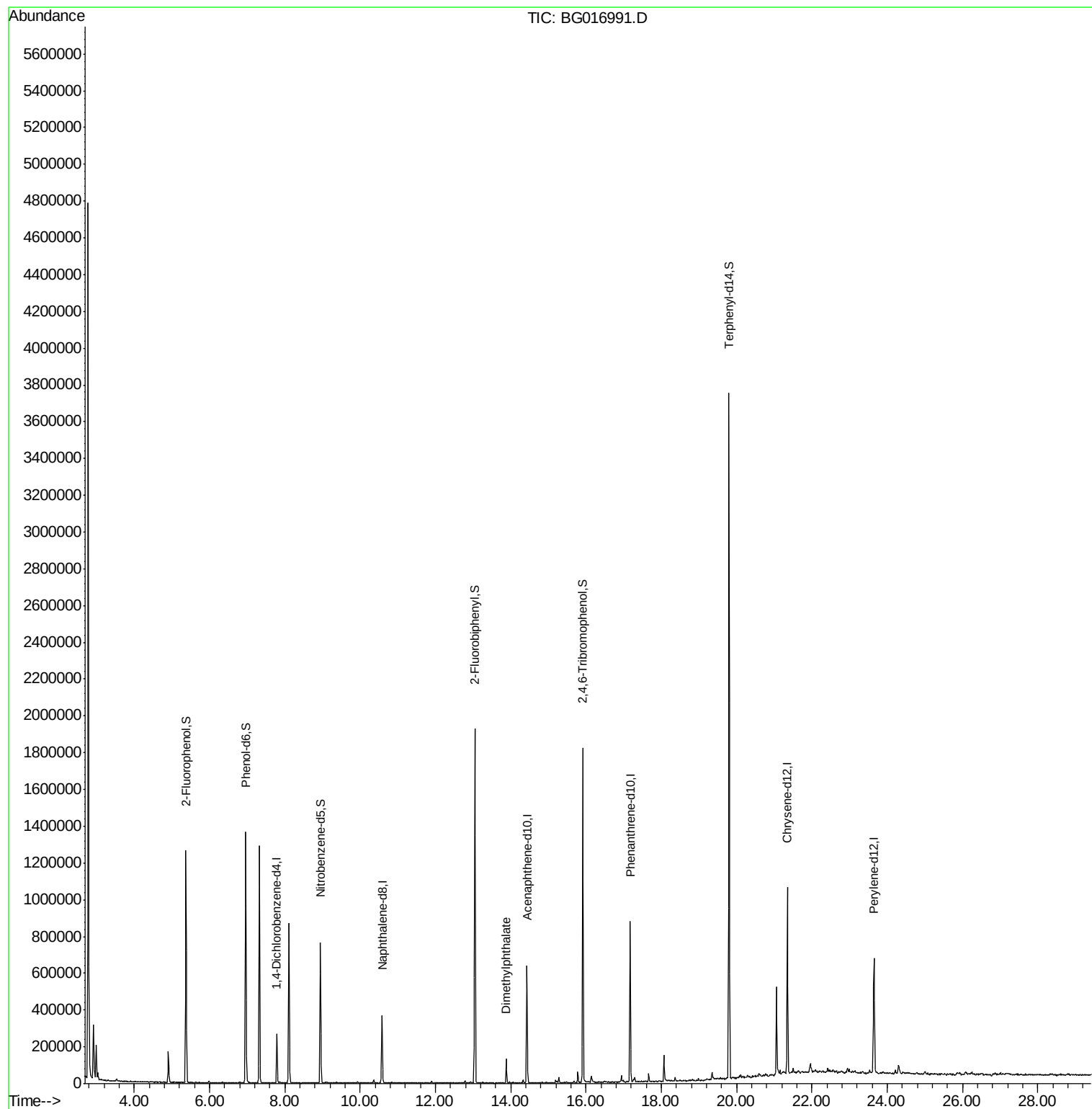
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	62601	20.00	ng	-0.01
21) Naphthalene-d8	10.58	136	275973	20.00	ng	-0.01
38) Acenaphthene-d10	14.43	164	193836	20.00	ng	-0.02
63) Phenanthrene-d10	17.17	188	457001	20.00	ng	-0.02
75) Chrysene-d12	21.35	240	442335	20.00	ng	-0.02
86) Perylene-d12	23.65	264	444626	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	443031	123.23	ng	-0.01
7) Phenol-d6	6.96	99	638894	124.39	ng	0.00
23) Nitrobenzene-d5	8.94	82	404973	71.69	ng	-0.02
41) 2,4,6-Tribromophenol	15.92	330	259195	133.20	ng	-0.01
44) 2-Fluorobiphenyl	13.05	172	874416	68.07	ng	-0.02
78) Terphenyl-d14	19.80	244	1456302	77.18	ng	-0.01
Target Compounds						
32) Benzoic acid	9.84	122	119	Below Cal	#	1
49) Dimethylphthalate	13.89	163	71517	4.94 ng	#	96

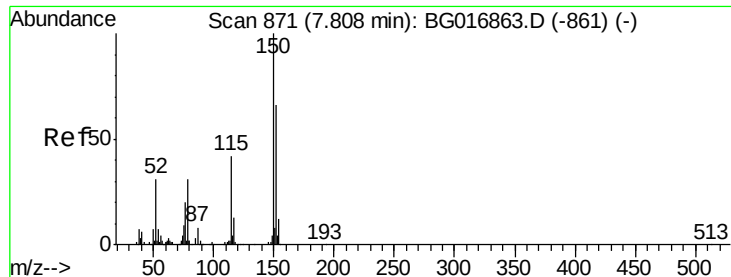
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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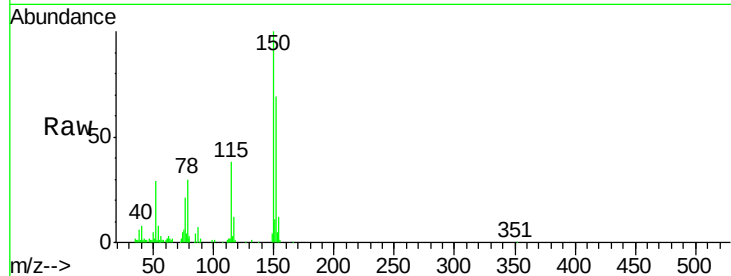


#1

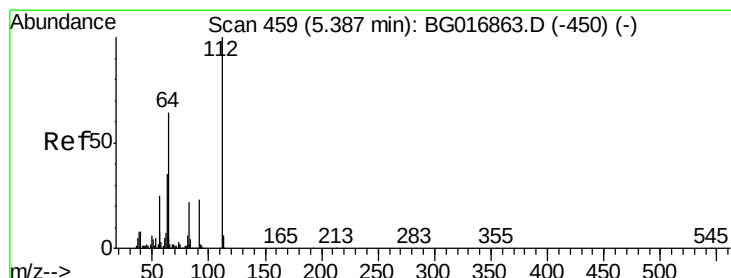
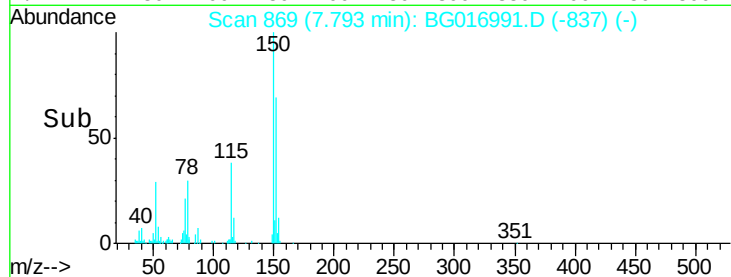
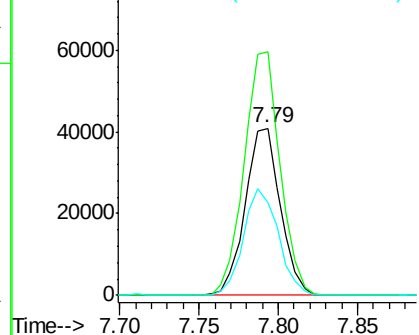
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.79 min Scan# 869
Delta R.T. -0.01 min
Lab File: BG016991.D
Acq: 9 May 2015 16:19

Instrument :
BNA_G
ClientSampleId :
B1-5-7

Tgt Ion	Ratio	Lower	Upper
152	100		
150	145.5	121.0	181.4
115	55.2	50.5	75.7



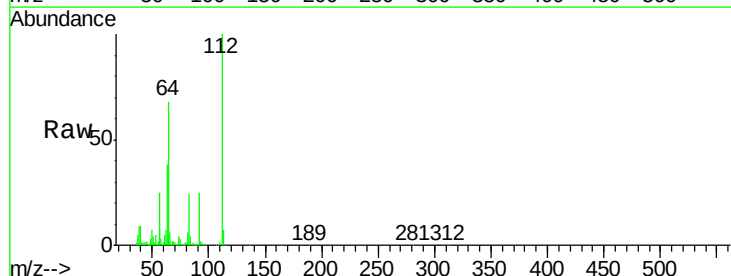
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



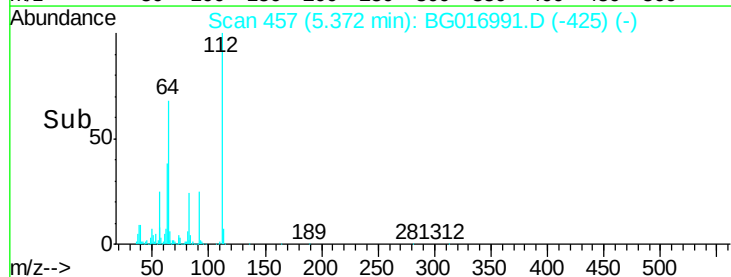
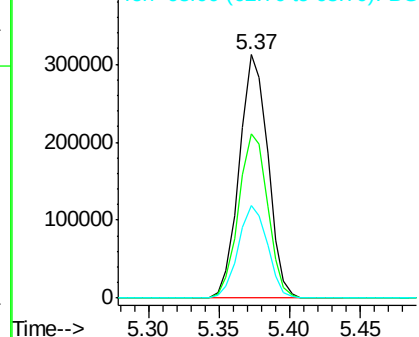
#5

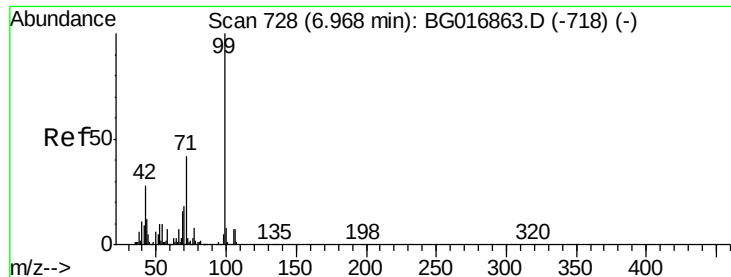
2-Fluorophenol
Concen: 123.23 ng
RT: 5.37 min Scan# 457
Delta R.T. -0.01 min
Lab File: BG016991.D
Acq: 9 May 2015 16:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.7	51.4	77.2
63	38.0	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: 124.39 ng

RT: 6.96 min Scan# 728

Delta R.T. -0.00 min

Lab File: BG016991.D

Acq: 9 May 2015 16:19

Instrument :

BNA_G

ClientSampleId :

B1-5-7

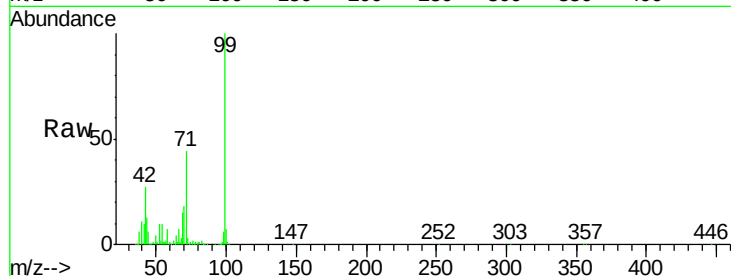
Tgt Ion: 99 Resp: 638894

Ion Ratio Lower Upper

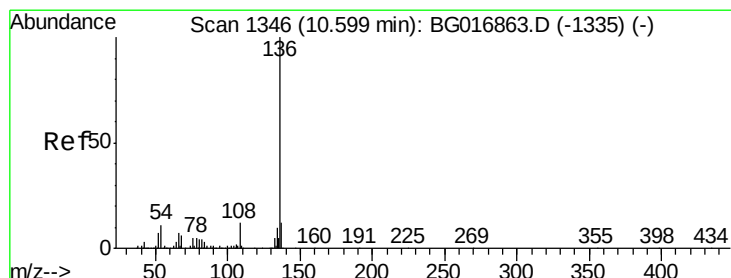
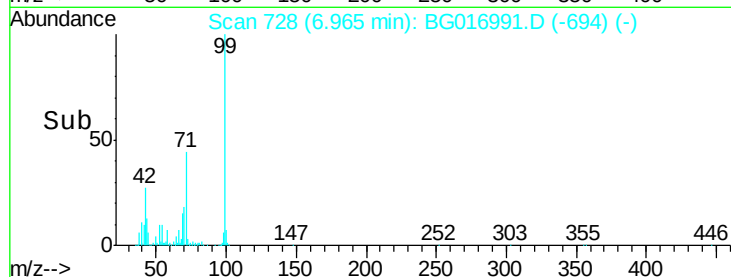
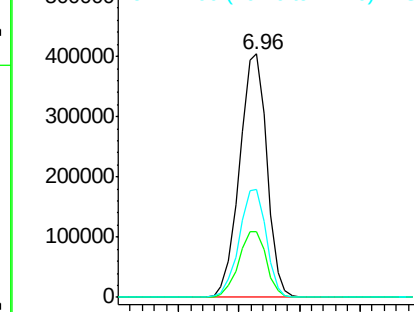
99 100

42 27.2 22.1 33.1

71 44.4 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: 10.58 min Scan# 1344

Delta R.T. -0.01 min

Lab File: BG016991.D

Acq: 9 May 2015 16:19

Tgt Ion: 136 Resp: 275973

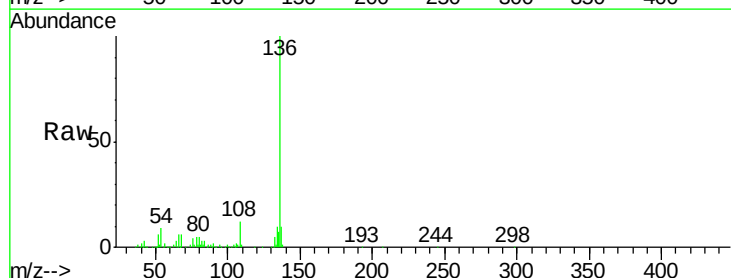
Ion Ratio Lower Upper

136 100

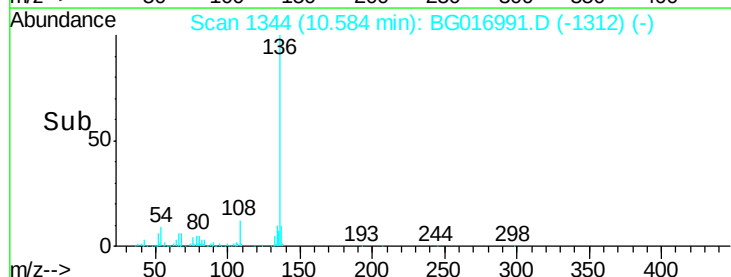
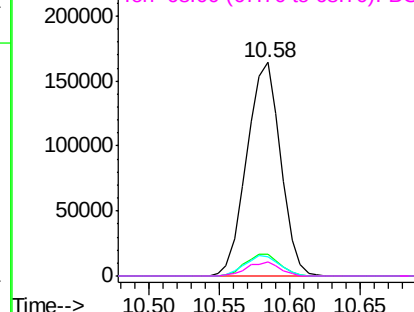
137 10.3 9.8 14.8

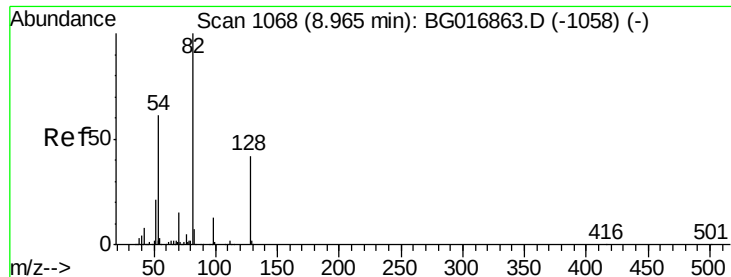
54 9.1 8.7 13.1

68 6.4 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

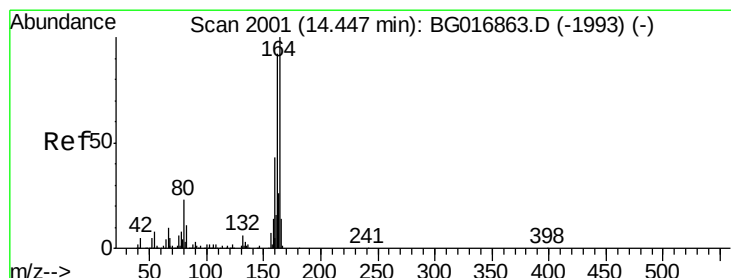
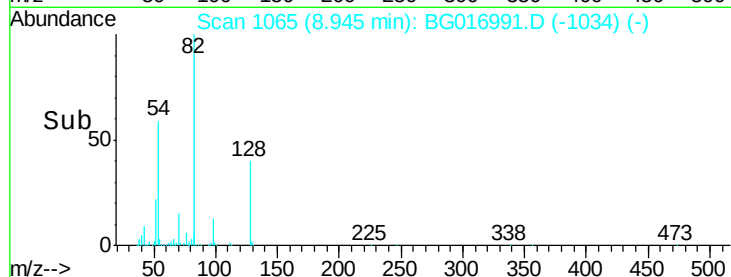
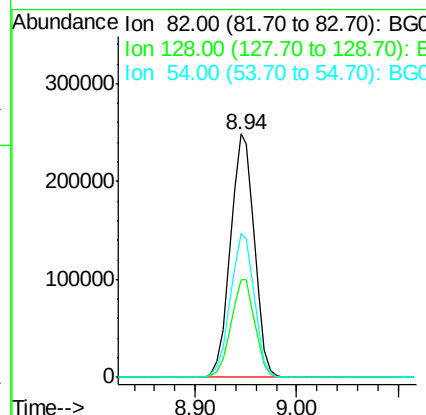
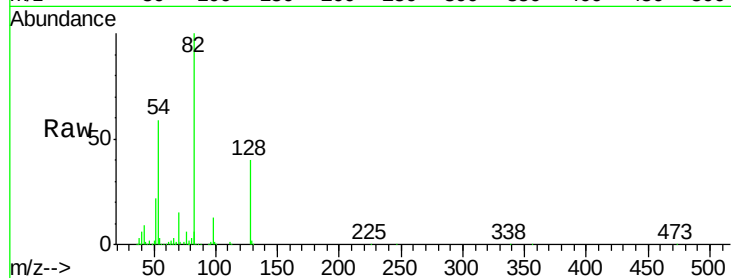




#23
 Nitrobenzene-d5
 Concen: 71.69 ng
 RT: 8.94 min Scan# 1065
 Delta R.T. -0.02 min
 Lab File: BG016991.D
 Acq: 9 May 2015 16:19

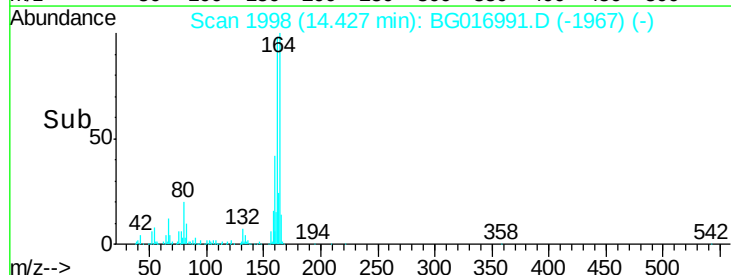
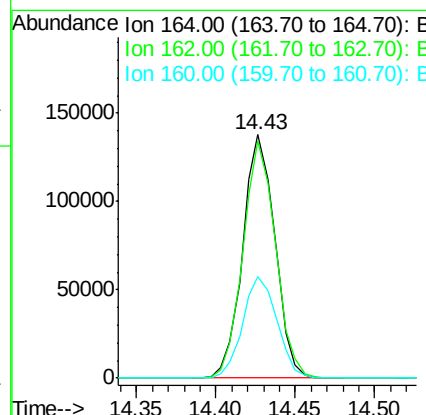
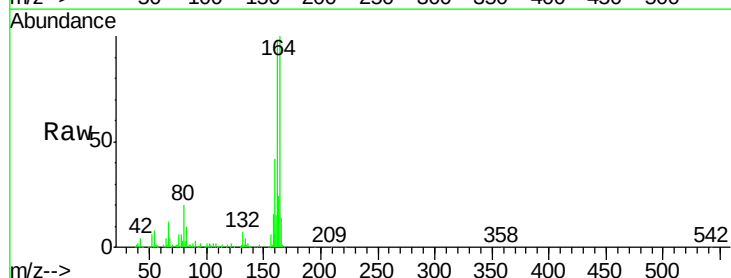
Instrument :
 BNA_G
 ClientSampleId :
 B1-5-7

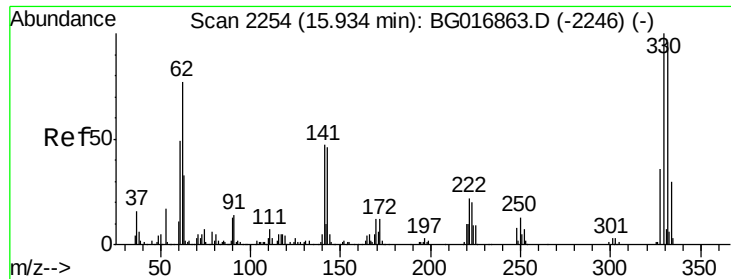
Tgt Ion: 82 Resp: 404973
 Ion Ratio Lower Upper
 82 100
 128 40.3 33.2 49.8
 54 58.9 48.6 72.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.43 min Scan# 1998
 Delta R.T. -0.02 min
 Lab File: BG016991.D
 Acq: 9 May 2015 16:19

Tgt Ion: 164 Resp: 193836
 Ion Ratio Lower Upper
 164 100
 162 97.6 74.0 111.0
 160 41.7 34.7 52.1

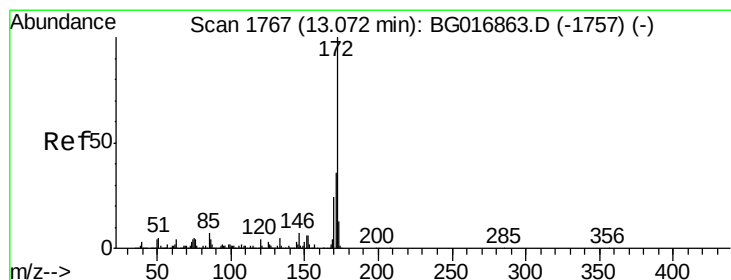
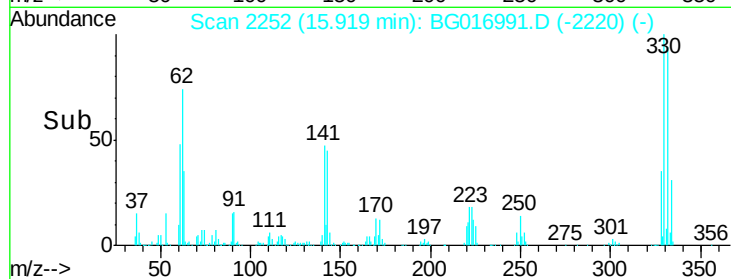
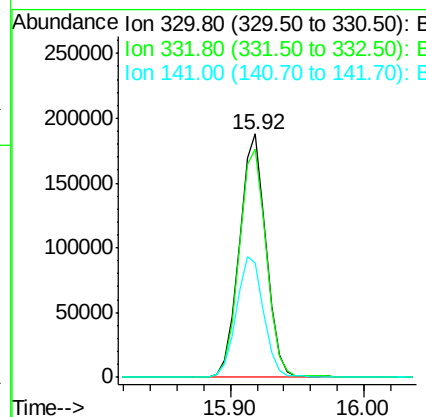
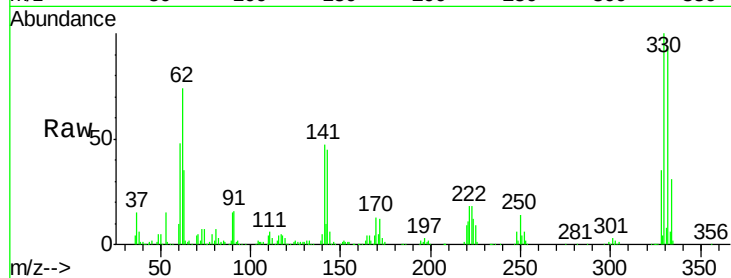




#41
 2,4,6-Tribromophenol
 Concen: 133.20 ng
 RT: 15.92 min Scan# 2252
 Delta R.T. -0.01 min
 Lab File: BG016991.D
 Acq: 9 May 2015 16:19

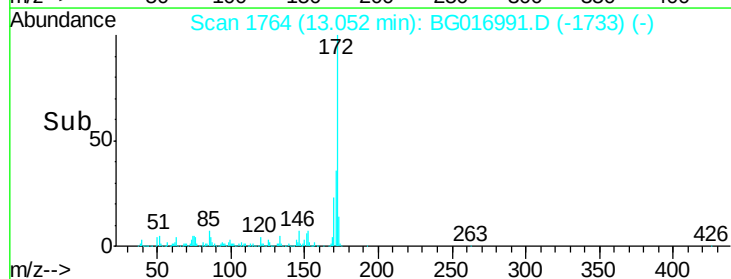
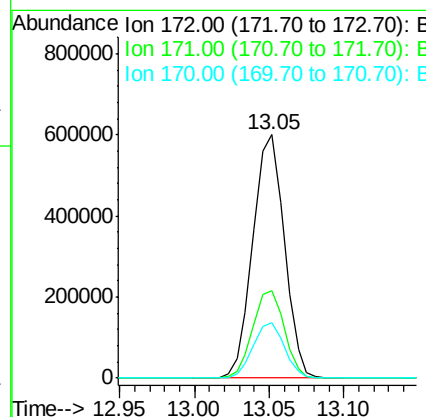
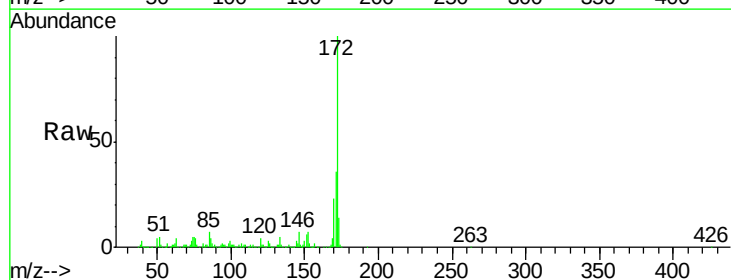
Instrument :
 BNA_G
 ClientSampleId :
 B1-5-7

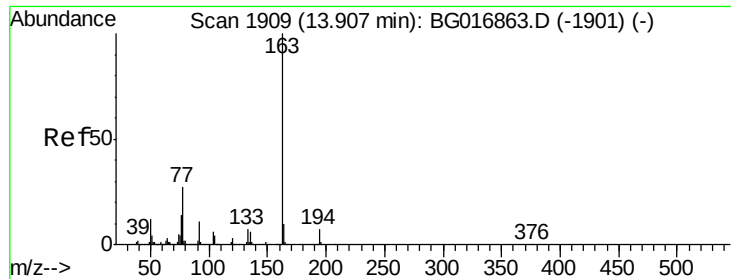
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	0.0	0.0#
141	50.9	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 68.07 ng
 RT: 13.05 min Scan# 1764
 Delta R.T. -0.02 min
 Lab File: BG016991.D
 Acq: 9 May 2015 16:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.4
170	23.0	19.0	28.4





#49

Dimethylphthalate

Concen: 4.94 ng

RT: 13.89 min Scan# 1906

Delta R.T. -0.02 min

Lab File: BG016991.D

Acq: 9 May 2015 16:19

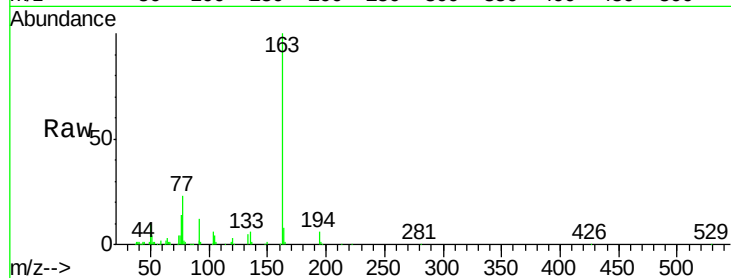
Instrument :

BNA_G

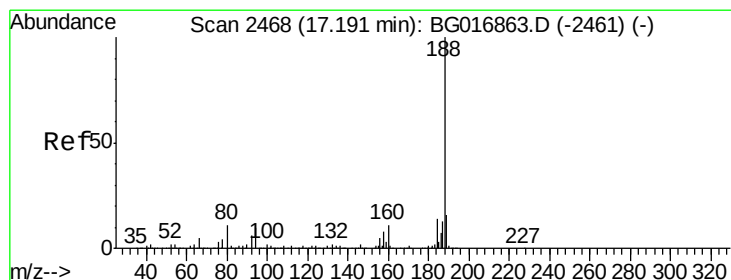
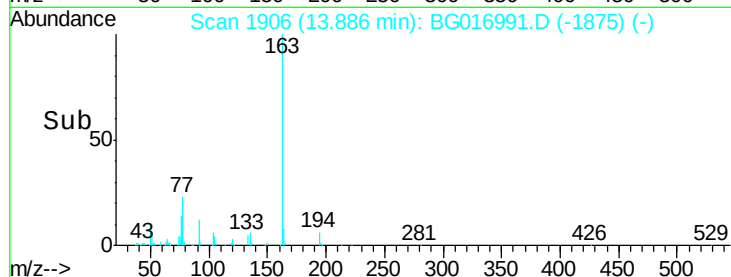
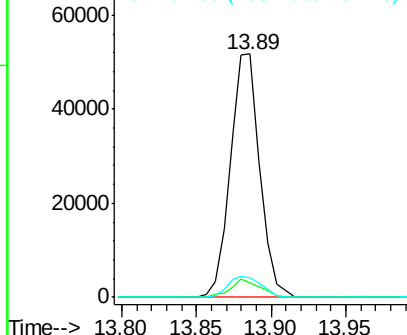
ClientSampleId :

B1-5-7

Tgt Ion:	163	Resp:	71517
Ion Ratio	Lower	Upper	
163	100		
194	5.8	5.2	7.8
164	8.3	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



#63

Phenanthrene-d10

Concen: 20.00 ng

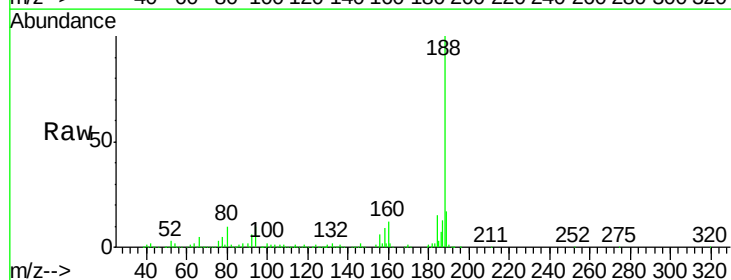
RT: 17.17 min Scan# 2465

Delta R.T. -0.02 min

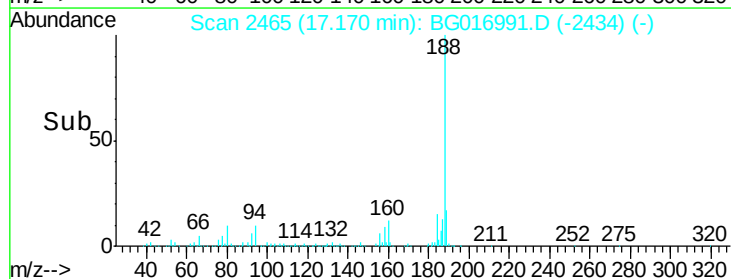
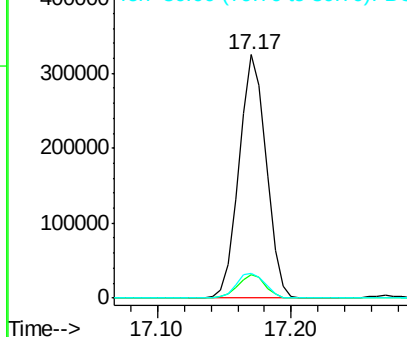
Lab File: BG016991.D

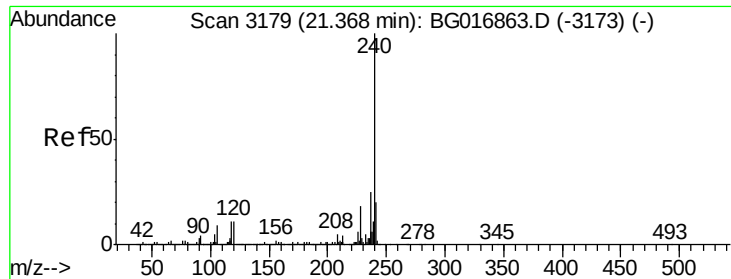
Acq: 9 May 2015 16:19

Tgt Ion:	188	Resp:	457001
Ion Ratio	Lower	Upper	
188	100		
94	9.8	8.2	12.4
80	10.3	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: 21.35 min Scan# 3176

Delta R.T. -0.02 min

Lab File: BG016991.D

Acq: 9 May 2015 16:19

Instrument :

BNA_G

ClientSampleId :

B1-5-7

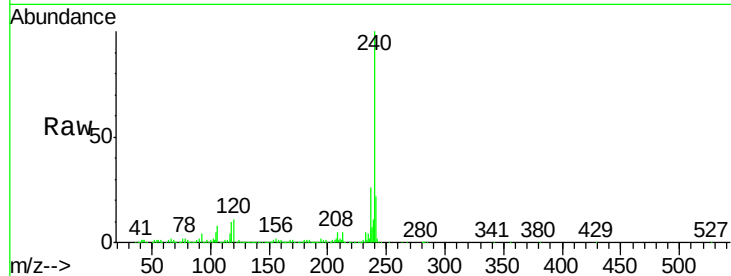
Tgt Ion:240 Resp: 442335

Ion Ratio Lower Upper

240 100

120 11.3 9.1 13.7

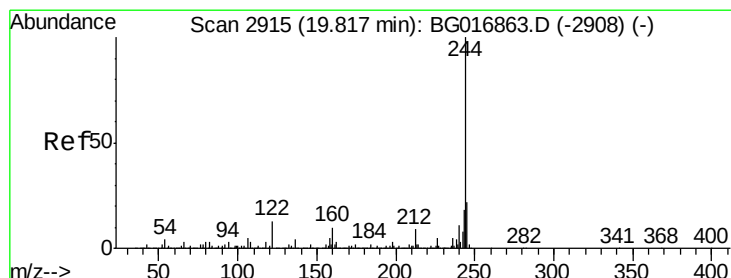
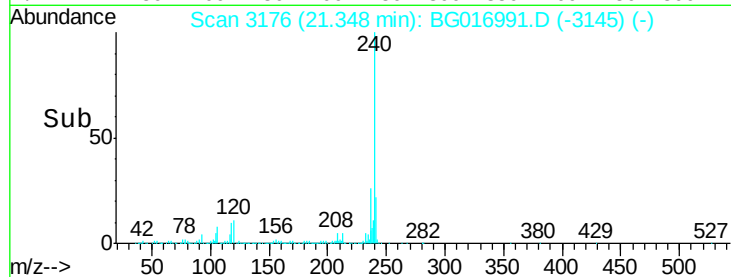
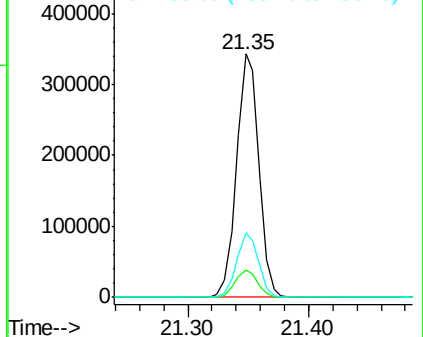
236 26.5 20.2 30.4



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: 77.18 ng

RT: 19.80 min Scan# 2913

Delta R.T. -0.01 min

Lab File: BG016991.D

Acq: 9 May 2015 16:19

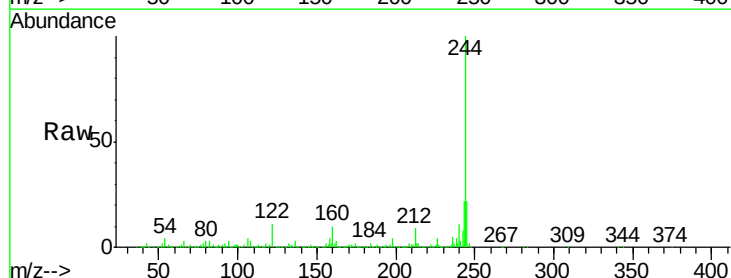
Tgt Ion:244 Resp: 1456302

Ion Ratio Lower Upper

244 100

212 8.6 7.0 10.6

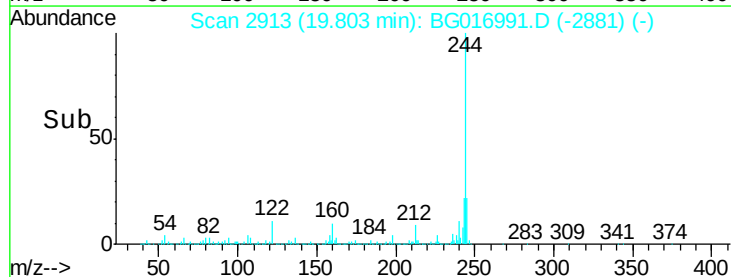
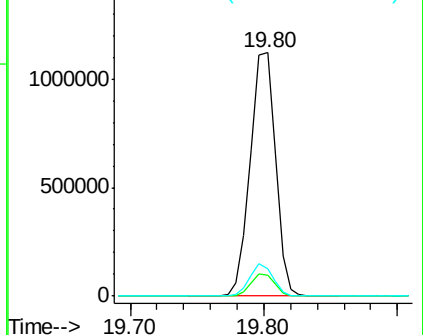
122 11.4 10.4 15.6

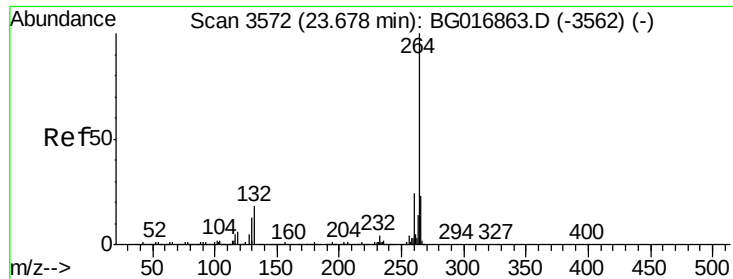


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.65 min Scan# 3568

Delta R.T. -0.03 min

Lab File: BG016991.D

Acq: 9 May 2015 16:19

Instrument :

BNA_G

ClientSampleId :

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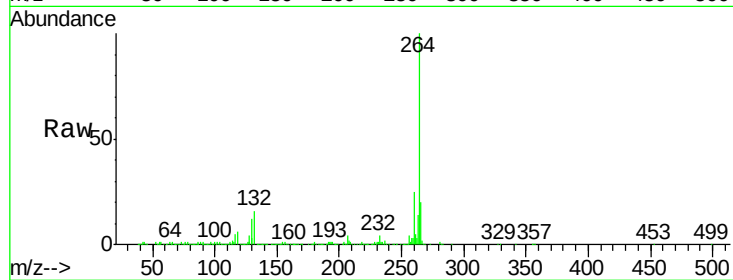
Tgt Ion: 264 Resp: 444626

Ion Ratio Lower Upper

264 100

260 24.6 19.5 29.3

265 20.0 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

23.65

200000

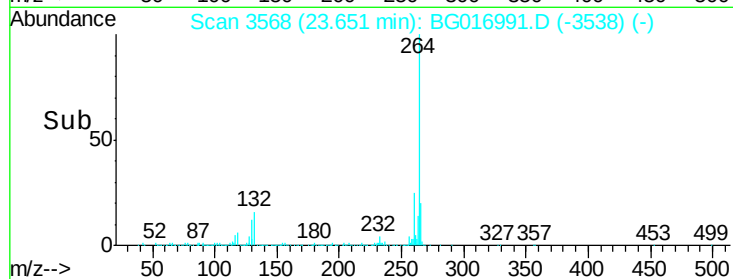
150000

100000

50000

0

23.50 23.60 23.70 23.80



Time-->