

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052715\
 Data File : BG017298.D
 Acq On : 27 May 2015 11:43
 Operator : TP/IZ
 Sample : G2255-15RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SS043MW014-150512RE

Quant Time: May 28 03:09:01 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 28 02:22:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	52461	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	234646	20.00	ng	0.00
38) Acenaphthene-d10	14.32	164	160280	20.00	ng	0.00
63) Phenanthrene-d10	17.07	188	388314	20.00	ng	0.00
75) Chrysene-d12	21.26	240	427583	20.00	ng	0.00
86) Perylene-d12	23.50	264	398873	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	4090	1.38	ng	0.00
7) Phenol-d6	6.87	99	4906	1.18	ng	0.00
23) Nitrobenzene-d5	8.82	82	30631	6.09	ng	0.00
41) 2,4,6-Tribromophenol	15.82	330	16970	8.76	ng	0.00
44) 2-Fluorobiphenyl	12.94	172	72548	6.64	ng	0.00
78) Terphenyl-d14	19.70	244	205695	10.02	ng	0.00

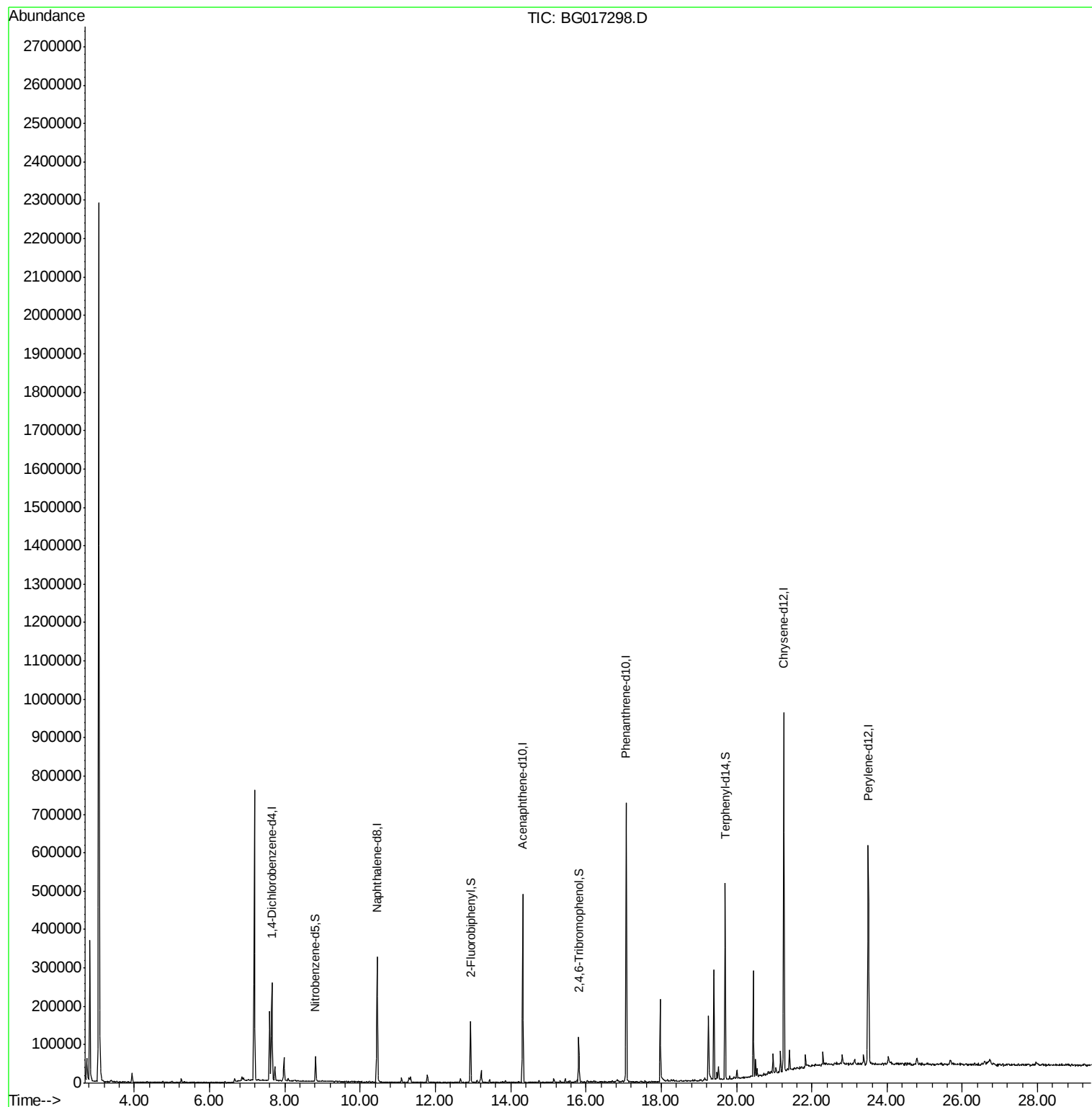
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.66 min Scan# 846

Delta R.T. 0.00 min

Lab File: BG017298.D

Acq: 27 May 2015 11:43

Instrument :

BNA_G

ClientSampleId :

SS043MW014-150512RE

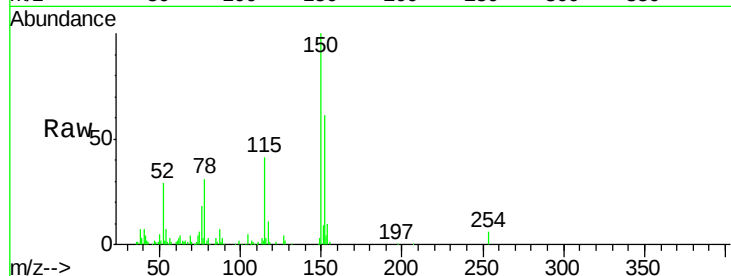
Tot Ion:152 Resp: 52461

Ion Ratio Lower Upper

152 100

150 162.8 120.8 181.2

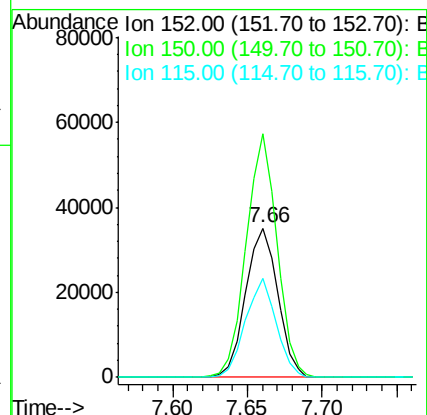
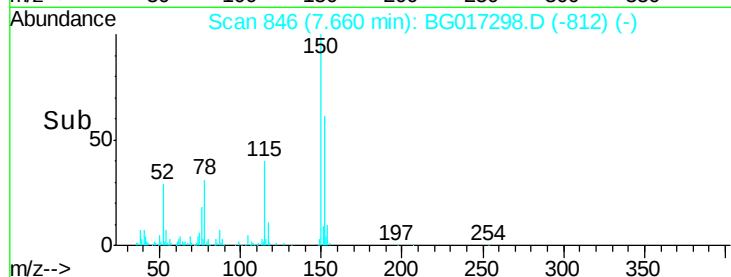
115 66.2 49.4 74.2



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: 1.38 ng

RT: 5.25 min Scan# 436

Delta R.T. -0.01 min

Lab File: BG017298.D

Acq: 27 May 2015 11:43

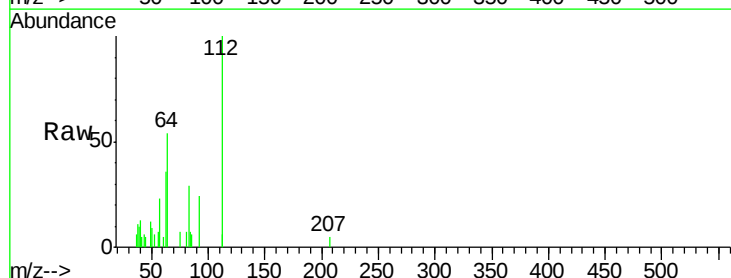
Tgt Ion:112 Resp: 4090

Ion Ratio Lower Upper

112 100

64 53.7 48.1 72.1

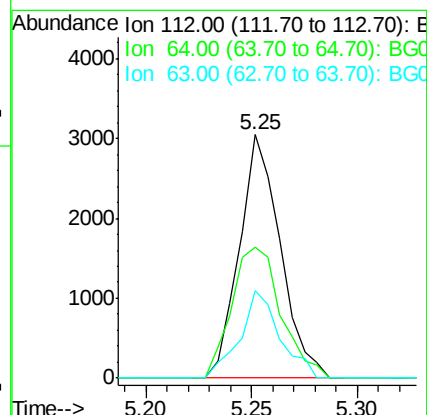
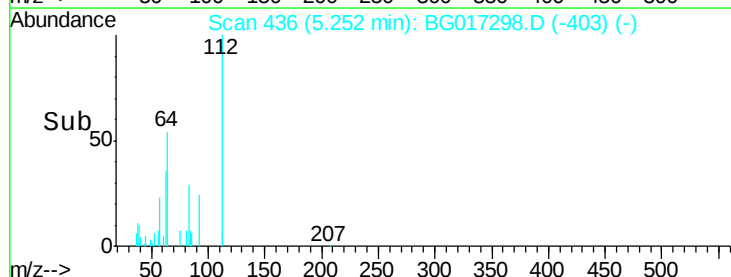
63 36.1 29.8 44.8

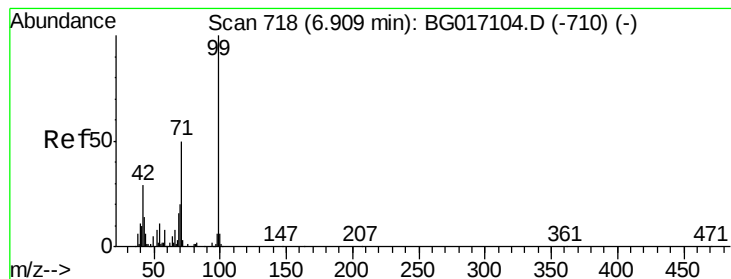


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 1.18 ng

RT: 6.87 min Scan# 711

Delta R.T. 0.00 min

Lab File: BG017298.D

Acq: 27 May 2015 11:43

Instrument :

BNA_G

ClientSampleId :

SS043MW014-150512RE

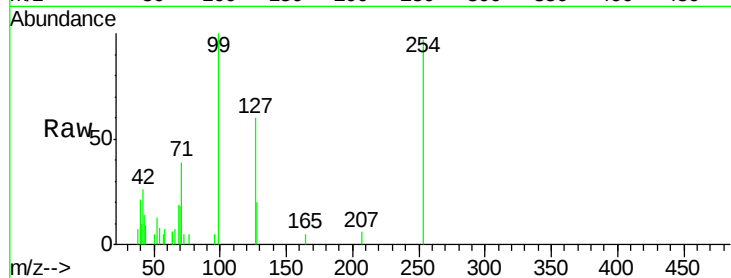
Tot Ion: 99 Resp: 4906

Ion Ratio Lower Upper

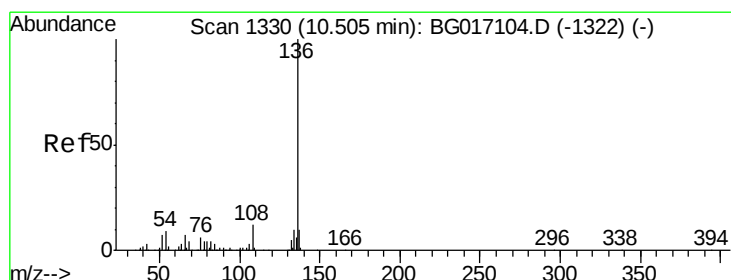
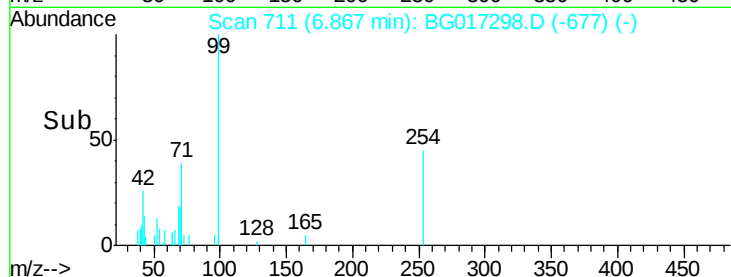
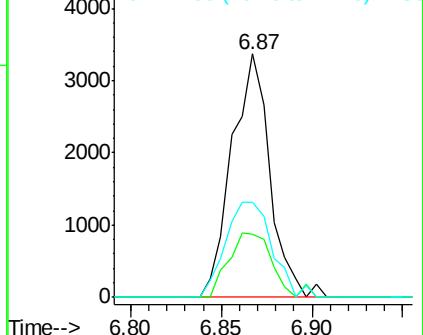
99 100

42 26.2 23.5 35.3

71 38.9 39.8 59.8#



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: BG017298.D

Acq: 27 May 2015 11:43

Tgt Ion:136 Resp: 234646

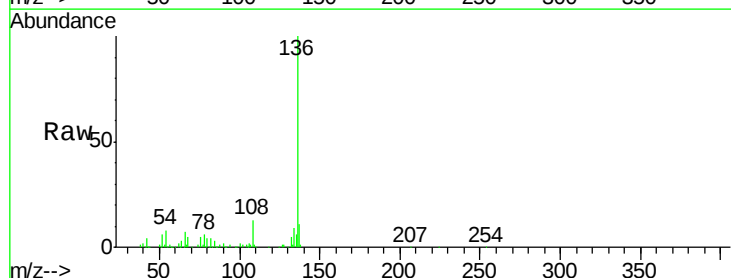
Ion Ratio Lower Upper

136 100

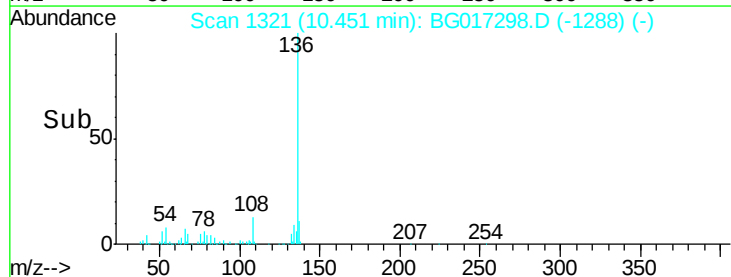
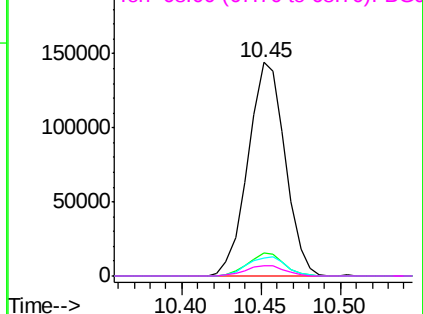
137 10.8 8.3 12.5

54 8.4 7.4 11.2

68 5.0 3.6 5.4



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

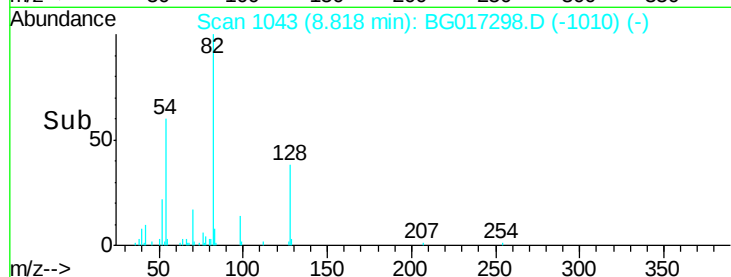
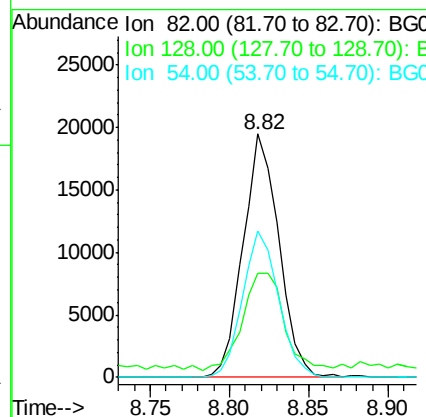
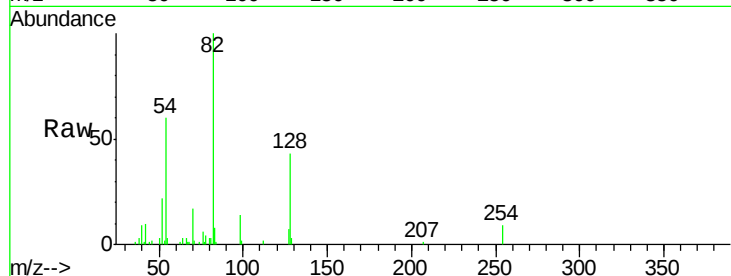




#23
 Nitrobenzene-d5
 Concen: 6.09 ng
 RT: 8.82 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: BG017298.D
 Acq: 27 May 2015 11:43

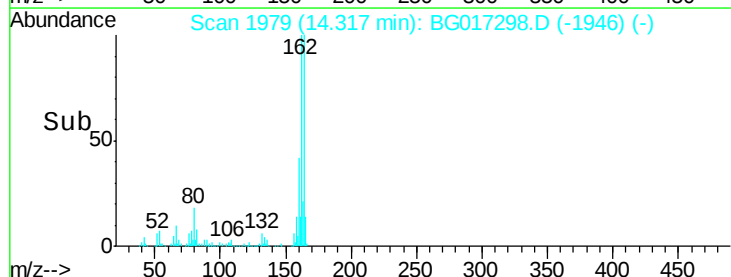
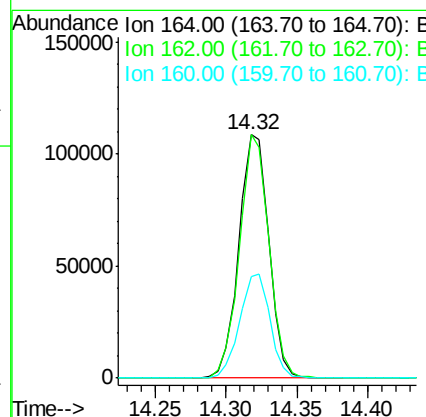
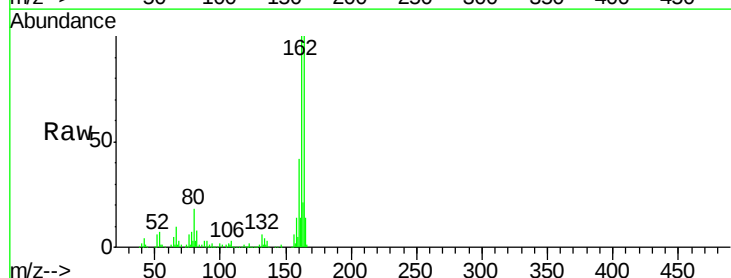
Instrument :
 BNA_G
 ClientSampleId :
 SS043MW014-150512RE

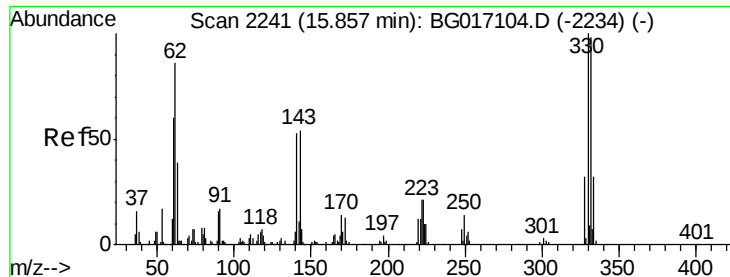
Tot Ion	82	Resp	30631
Ion Ratio	Lower	Upper	
82	100		
128	42.6	32.6	49.0
54	59.9	49.6	74.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.32 min Scan# 1979
 Delta R.T. -0.01 min
 Lab File: BG017298.D
 Acq: 27 May 2015 11:43

Tgt Ion	164	Resp	160280
Ion Ratio	Lower	Upper	
164	100		
162	99.8	82.1	123.1
160	41.6	34.8	52.2

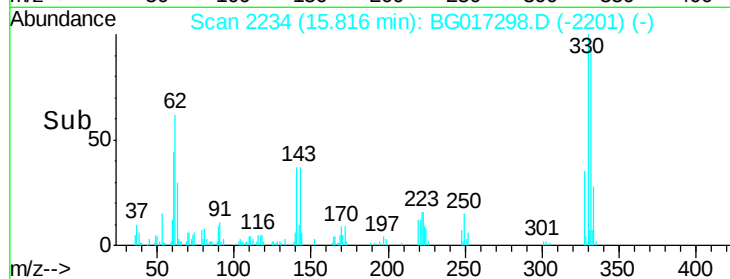
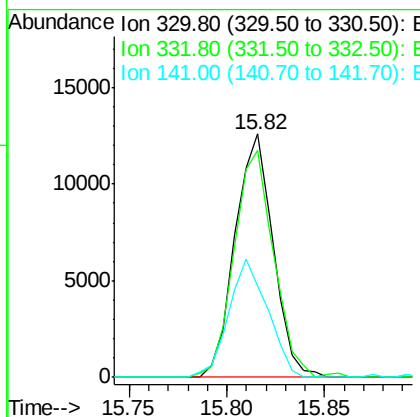
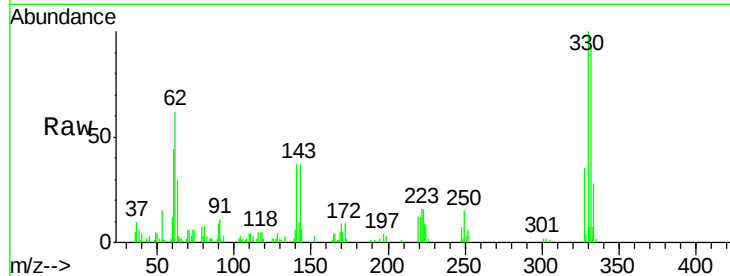




#41
 2,4,6-Tribromophenol
 Concen: 8.76 ng
 RT: 15.82 min Scan# 2234
 Delta R.T. -0.01 min
 Lab File: BG017298.D
 Acq: 27 May 2015 11:43

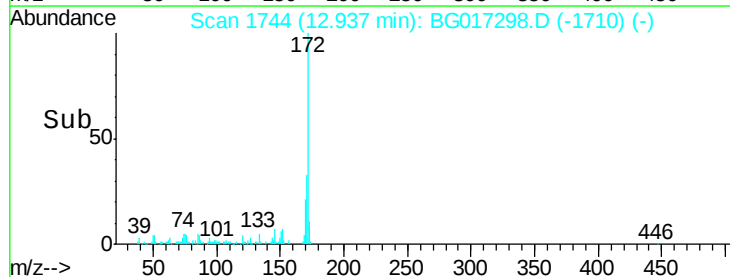
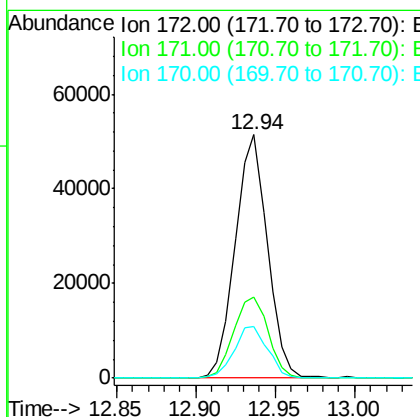
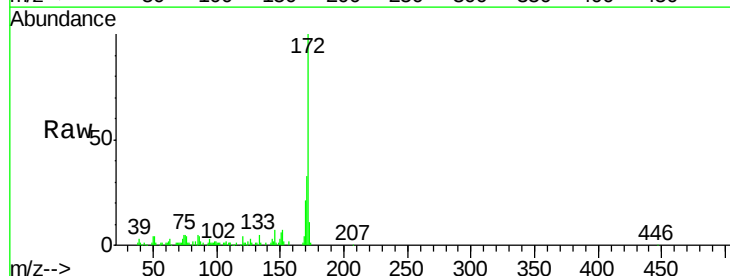
Instrument :
 BNA_G
 ClientSampleId :
 SS043MW014-150512RE

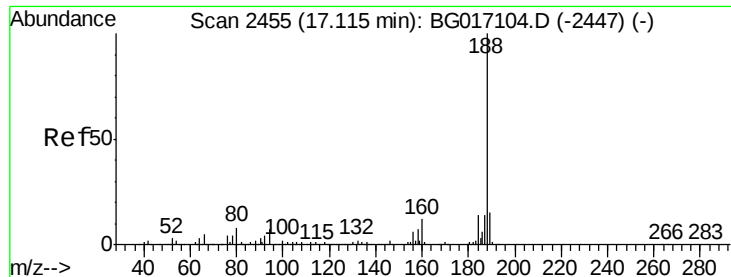
Tot Ion:330 Resp: 16970
 Ion Ratio Lower Upper
 330 100
 332 97.6 76.9 115.3
 141 49.5 42.2 63.2



#44
 2-Fluorobiphenyl
 Concen: 6.64 ng
 RT: 12.94 min Scan# 1744
 Delta R.T. 0.00 min
 Lab File: BG017298.D
 Acq: 27 May 2015 11:43

Tgt Ion:172 Resp: 72548
 Ion Ratio Lower Upper
 172 100
 171 33.2 29.7 44.5
 170 21.3 18.4 27.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.07 min Scan# 2447

Delta R.T. 0.00 min

Lab File: BG017298.D

Acq: 27 May 2015 11:43

Instrument :

BNA_G

ClientSampleId :

SS043MW014-150512RE

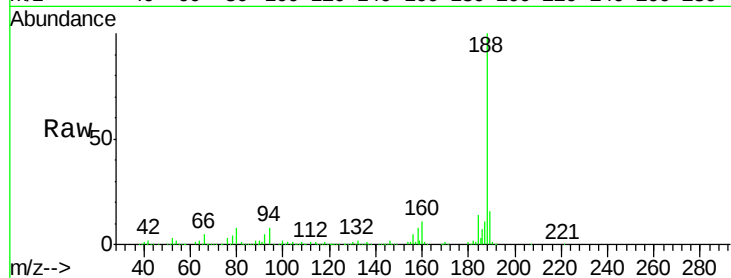
Tot Ion:188 Resp: 388314

Ion Ratio Lower Upper

188 100

94 8.4 5.8 8.6

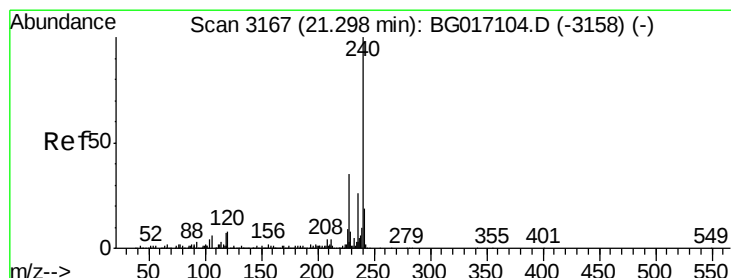
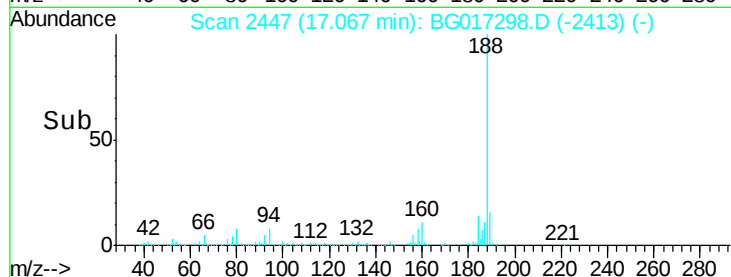
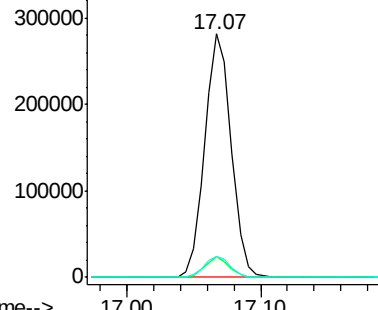
80 8.4 6.5 9.7



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: 21.26 min Scan# 3160

Delta R.T. -0.01 min

Lab File: BG017298.D

Acq: 27 May 2015 11:43

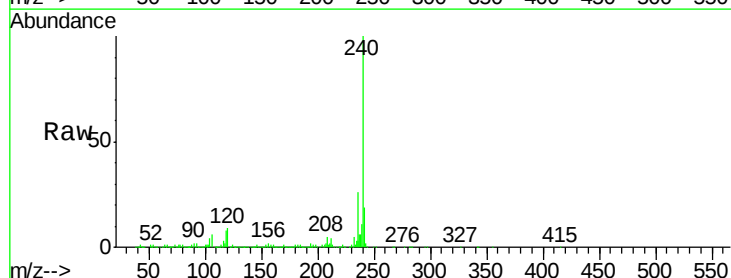
Tgt Ion:240 Resp: 427583

Ion Ratio Lower Upper

240 100

120 8.6 6.0 9.0

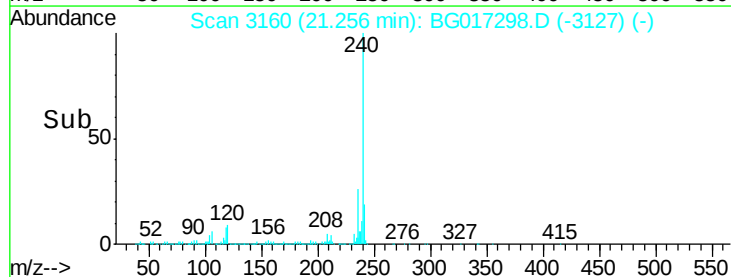
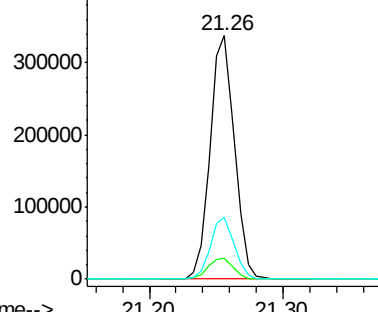
236 25.6 20.5 30.7



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: 10.02 ng

RT: 19.70 min Scan# 2895

Delta R.T. -0.01 min

Lab File: BG017298.D

Acq: 27 May 2015 11:43

Instrument :

BNA_G

ClientSampleId :

SS043MW014-150512RE

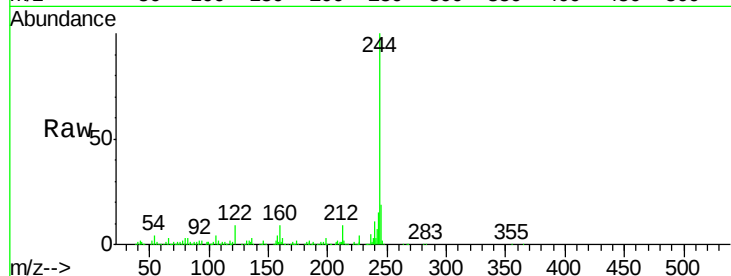
Tot Ion:244 Resp: 205695

Ion Ratio Lower Upper

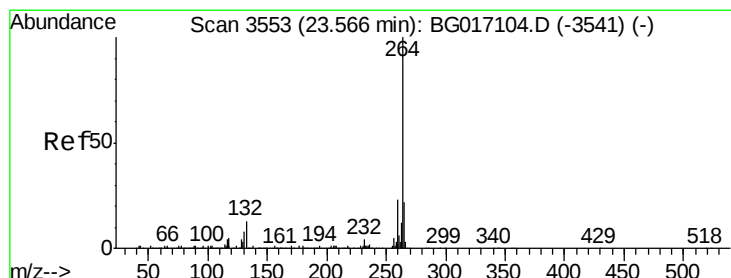
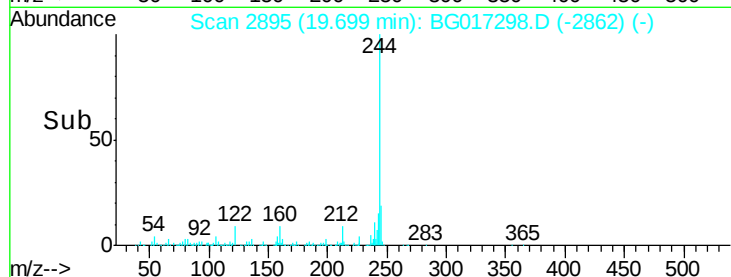
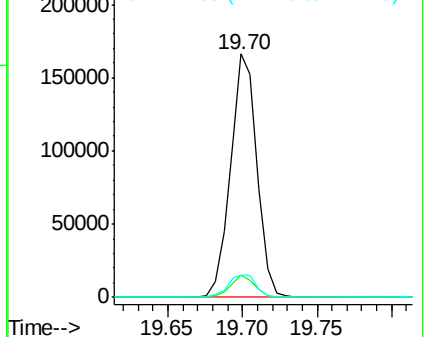
244 100

212 8.9 7.0 10.4

122 9.4 8.4 12.6



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: 23.50 min Scan# 3542

Delta R.T. -0.01 min

Lab File: BG017298.D

Acq: 27 May 2015 11:43

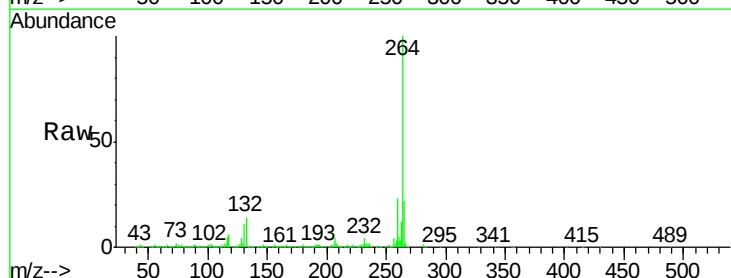
Tgt Ion:264 Resp: 398873

Ion Ratio Lower Upper

264 100

260 22.8 18.0 27.0

265 21.9 17.4 26.0



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

