

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052615\
 Data File : BG017290.D
 Acq On : 26 May 2015 22:43
 Operator : TP/IZ
 Sample : G2255-15DL 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SS043MW014-150512DL

Quant Time: May 27 03:25:33 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 27 03:15:10 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	29096	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	125525	20.00	ng	0.00
38) Acenaphthene-d10	14.32	164	83891	20.00	ng	0.00
63) Phenanthrene-d10	17.07	188	209517	20.00	ng	0.00
75) Chrysene-d12	21.25	240	261336	20.00	ng	-0.01
86) Perylene-d12	23.50	264	252316	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1344	0.82	ng	0.00
7) Phenol-d6	6.86	99	1567	0.68	ng	-0.01
23) Nitrobenzene-d5	8.82	82	9957	3.70	ng	-0.01
41) 2,4,6-Tribromophenol	15.82	330	6072	5.99	ng	0.00
44) 2-Fluorobiphenyl	12.94	172	23353	4.08	ng	0.00
78) Terphenyl-d14	19.70	244	77503	6.18	ng	0.00

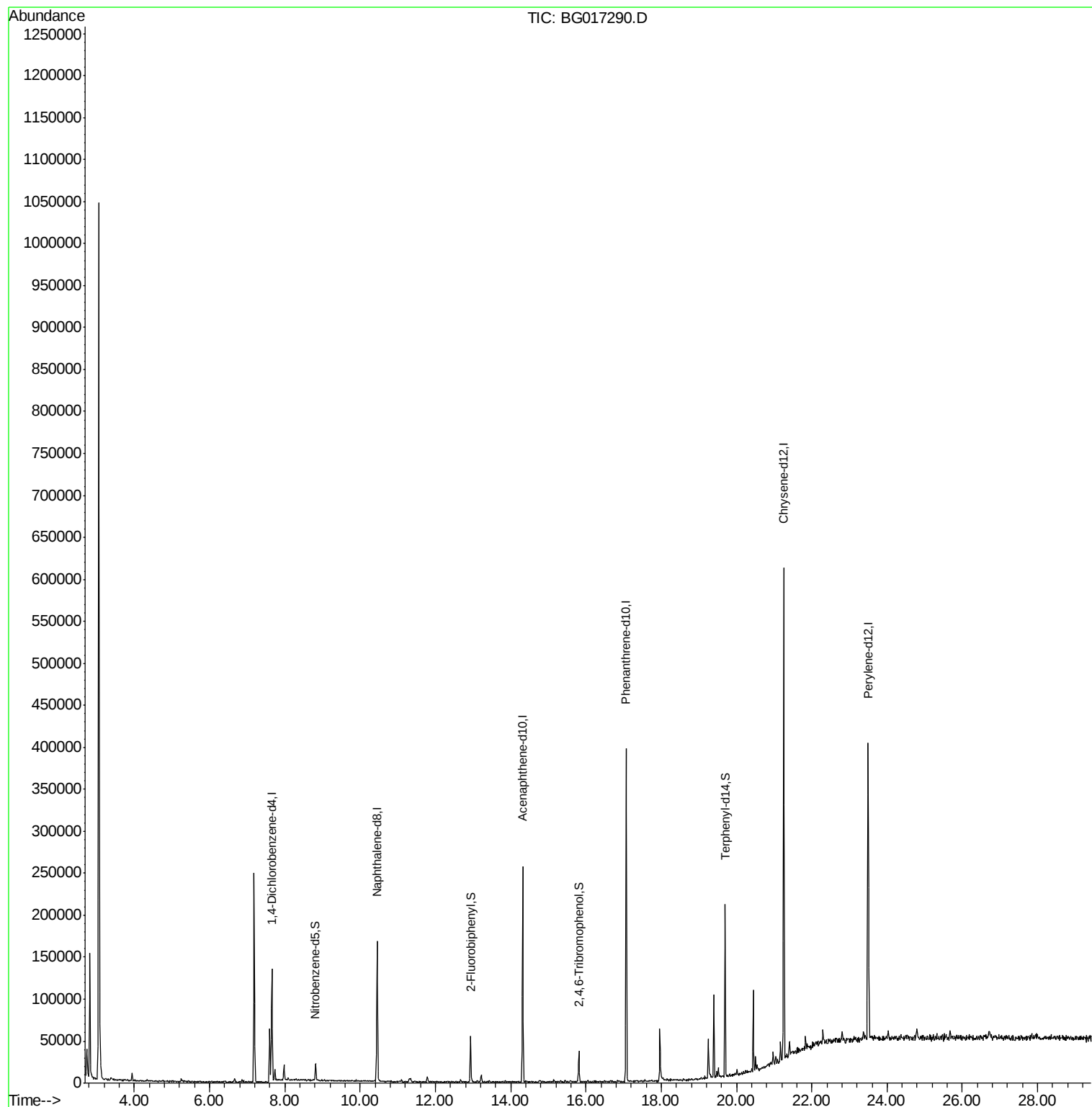
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG017290.D

Acq: 26 May 2015 22:43

Instrument :

BNA_G

ClientSampleId :

SS043MW014-150512DL

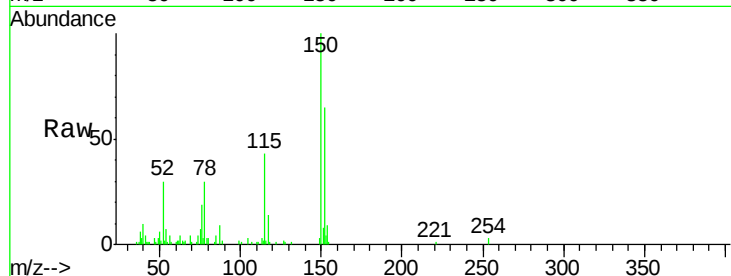
Tgt Ion:152 Resp: 29096

Ion Ratio Lower Upper

152 100

150 154.9 120.8 181.2

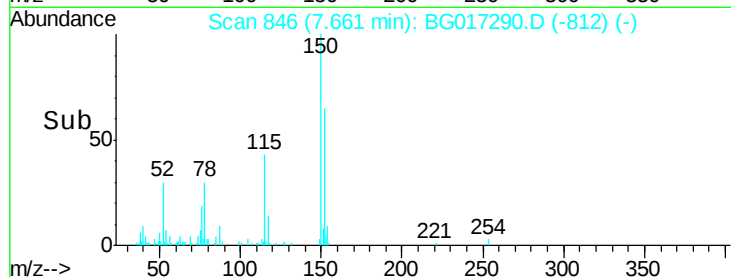
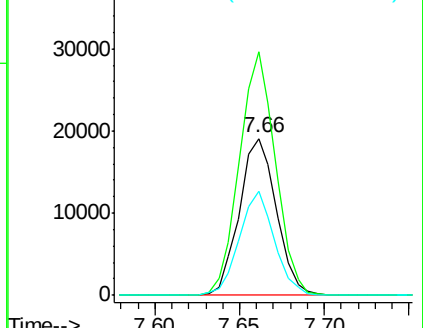
115 65.9 49.4 74.2



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: 0.82 ng

RT: 5.26 min Scan# 437

Delta R.T. 0.00 min

Lab File: BG017290.D

Acq: 26 May 2015 22:43

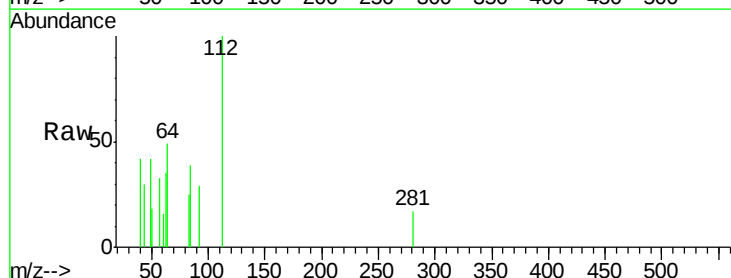
Tgt Ion:112 Resp: 1344

Ion Ratio Lower Upper

112 100

64 48.9 48.1 72.1

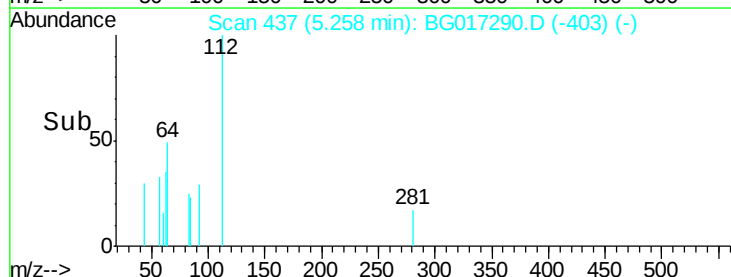
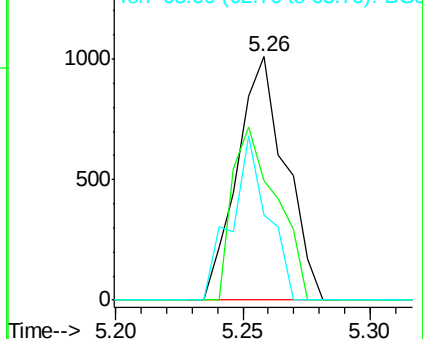
63 35.0 29.8 44.8

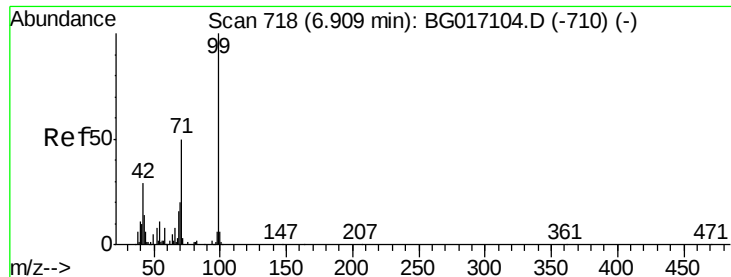


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 0.68 ng

RT: 6.86 min Scan# 710

Delta R.T. -0.01 min

Lab File: BG017290.D

Acq: 26 May 2015 22:43

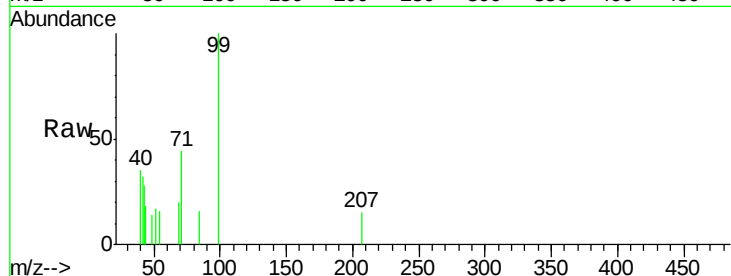
Instrument :

BNA_G

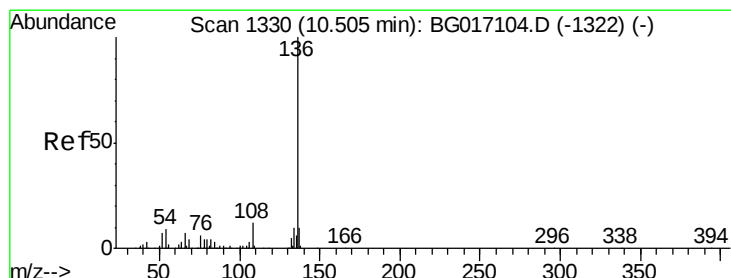
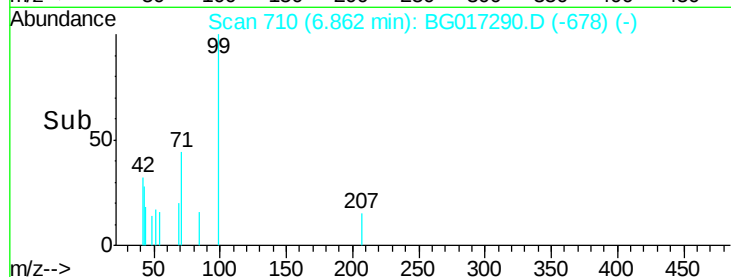
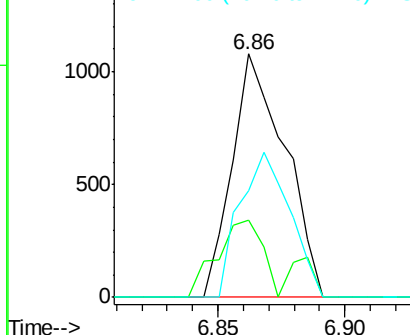
ClientSampleId :

SS043MW014-150512DL

Tgt Ion:	99	Resp:	1567
Ion	Ratio	Lower	Upper
99	100		
42	31.8	23.5	35.3
71	43.8	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

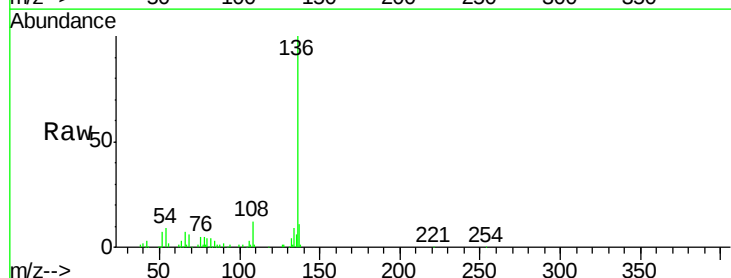
RT: 10.45 min Scan# 1321

Delta R.T. -0.01 min

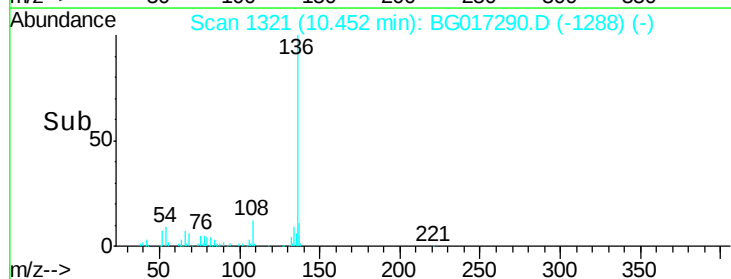
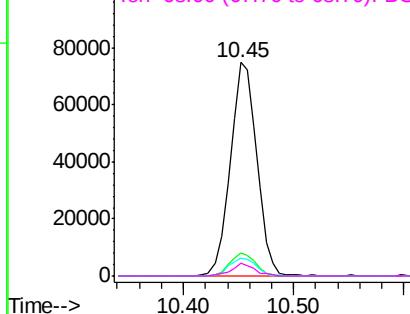
Lab File: BG017290.D

Acq: 26 May 2015 22:43

Tgt Ion:	136	Resp:	125525
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.3	12.5
54	8.5	7.4	11.2
68	6.3	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

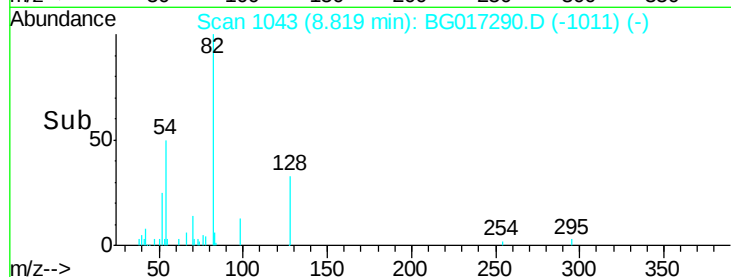
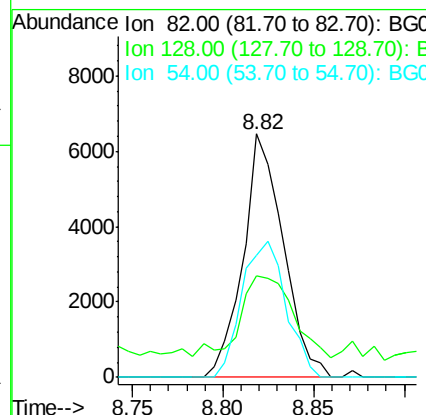
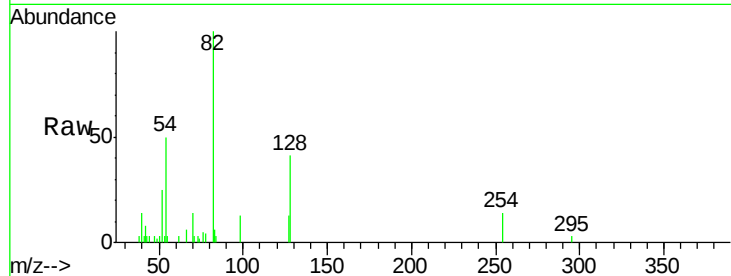




#23
 Nitrobenzene-d5
 Concen: 3.70 ng
 RT: 8.82 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: BG017290.D
 Acq: 26 May 2015 22:43

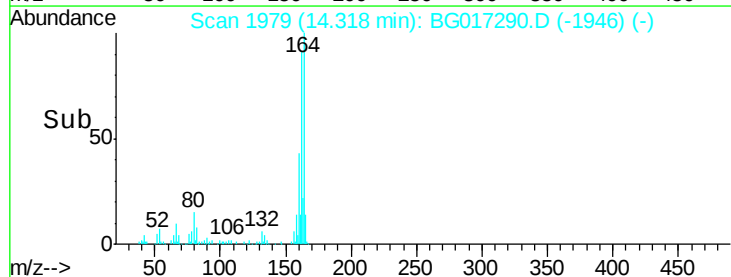
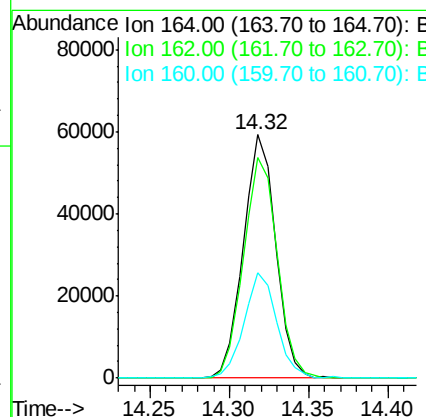
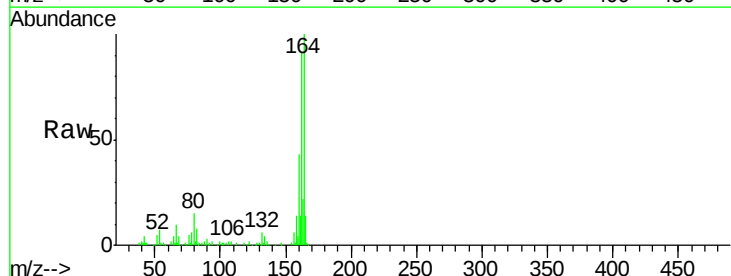
Instrument :
 BNA_G
 ClientSampleId :
 SS043MW014-150512DL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.5	32.6	49.0
54	50.0	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: BG017290.D
 Acq: 26 May 2015 22:43

Tgt Ion	Ratio	Lower	Upper
164	100		
162	90.8	82.1	123.1
160	43.1	34.8	52.2

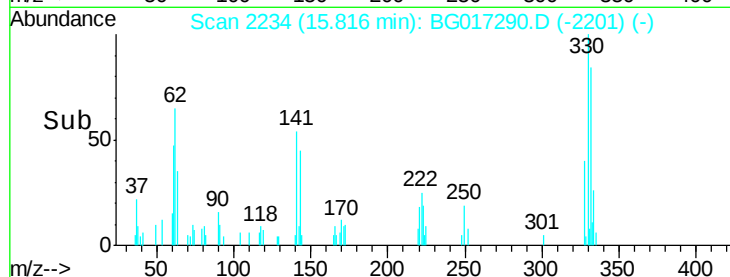
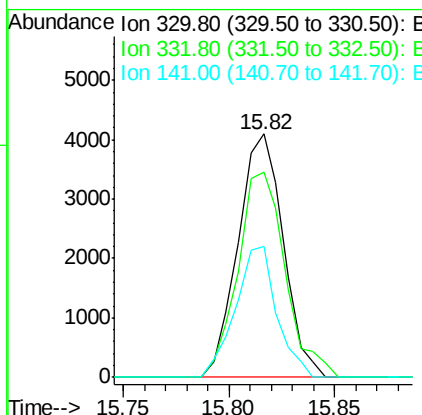
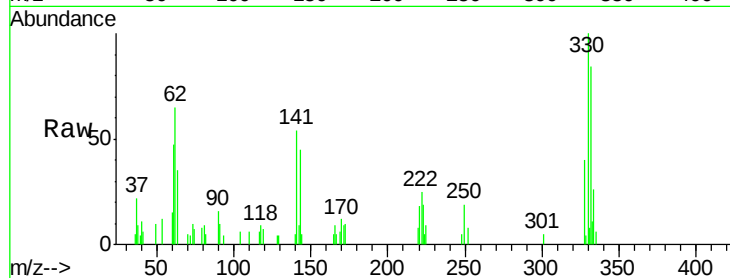




#41
 2,4,6-Tribromophenol
 Concen: 5.99 ng
 RT: 15.82 min Scan# 2234
 Delta R.T. -0.01 min
 Lab File: BG017290.D
 Acq: 26 May 2015 22:43

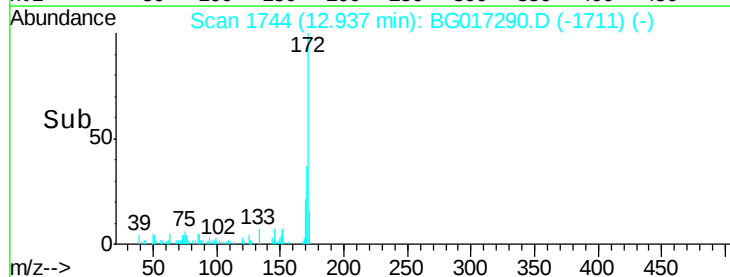
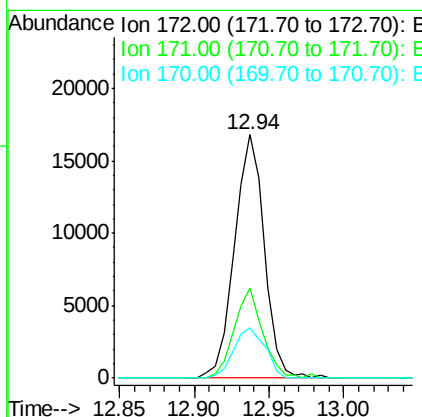
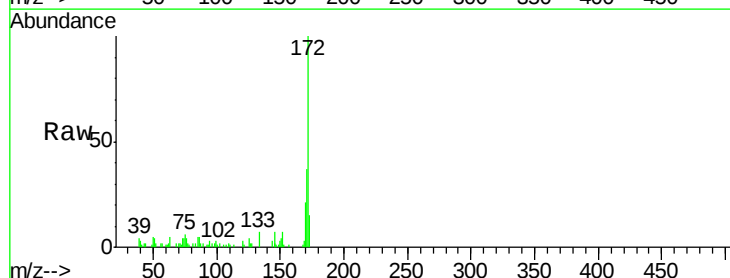
Instrument :
 BNA_G
 ClientSampleId :
 SS043MW014-150512DL

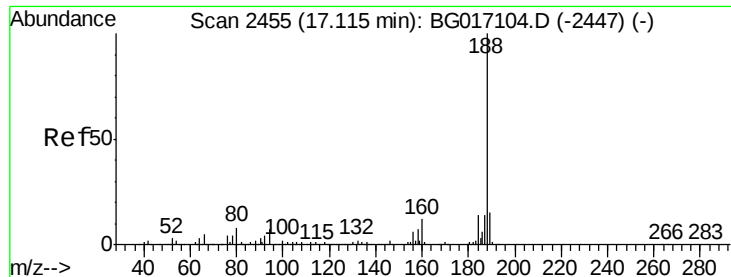
Tgt Ion: 330 Resp: 6072
 Ion Ratio Lower Upper
 330 100
 332 88.5 76.9 115.3
 141 49.4 42.2 63.2



#44
 2-Fluorobiphenyl
 Concen: 4.08 ng
 RT: 12.94 min Scan# 1744
 Delta R.T. -0.01 min
 Lab File: BG017290.D
 Acq: 26 May 2015 22:43

Tgt Ion: 172 Resp: 23353
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.7 44.5
 170 20.8 18.4 27.6

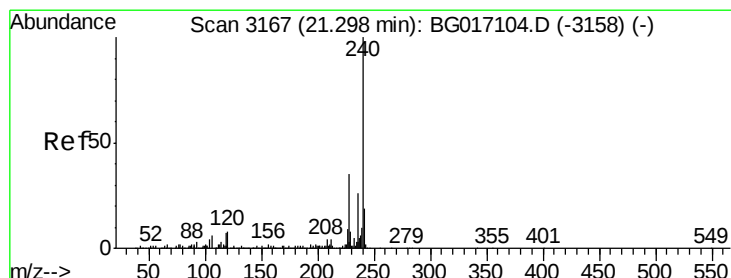
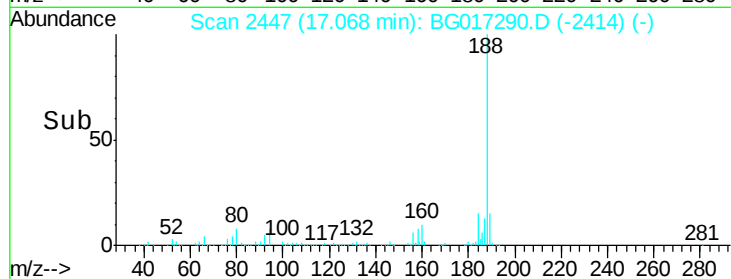
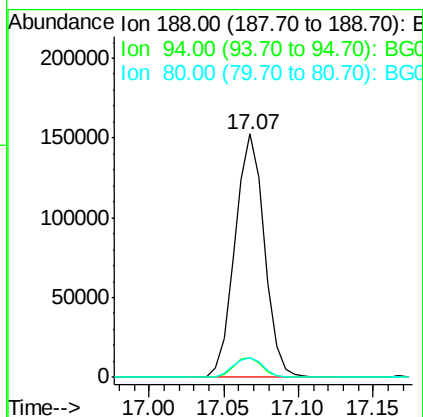
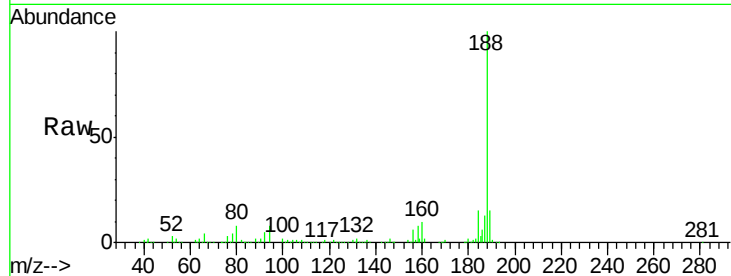




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.07 min Scan# 2447
Delta R.T. -0.01 min
Lab File: BG017290.D
Acq: 26 May 2015 22:43

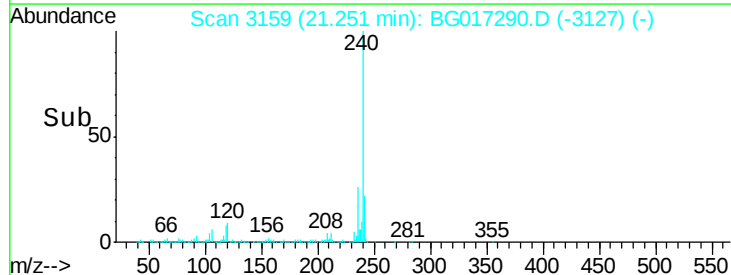
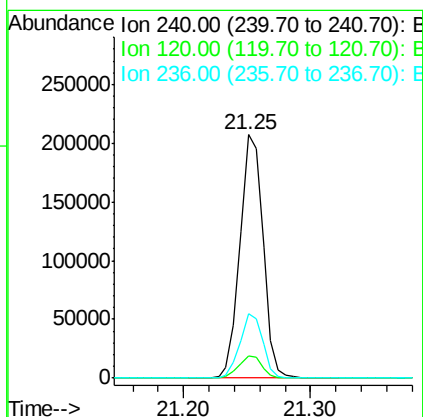
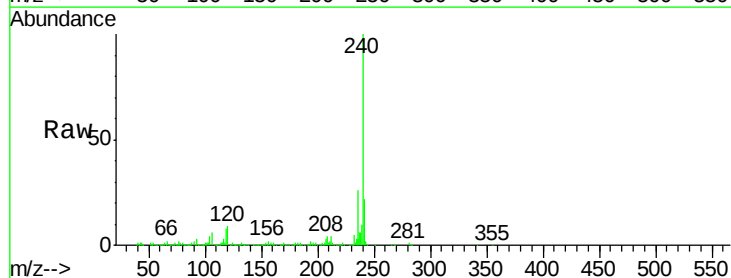
Instrument :
BNA_G
ClientSampleId :
SS043MW014-150512DL

Tgt Ion:188 Resp: 209517
Ion Ratio Lower Upper
188 100
94 7.9 5.8 8.6
80 8.1 6.5 9.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.25 min Scan# 3159
Delta R.T. -0.01 min
Lab File: BG017290.D
Acq: 26 May 2015 22:43

Tgt Ion:240 Resp: 261336
Ion Ratio Lower Upper
240 100
120 9.2 6.0 9.0#
236 26.3 20.5 30.7





#78

Terphenyl-d14

Concen: 6.18 ng

RT: 19.70 min Scan# 2895

Delta R.T. -0.01 min

Lab File: BG017290.D

Acq: 26 May 2015 22:43

Instrument :

BNA_G

ClientSampleId :

SS043MW014-150512DL

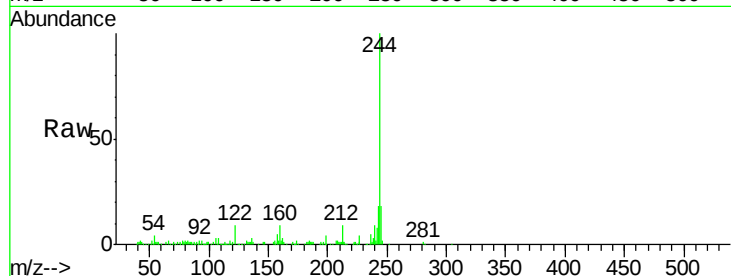
Tgt Ion:244 Resp: 77503

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.4

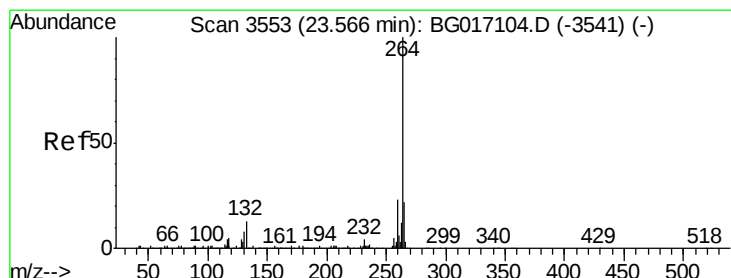
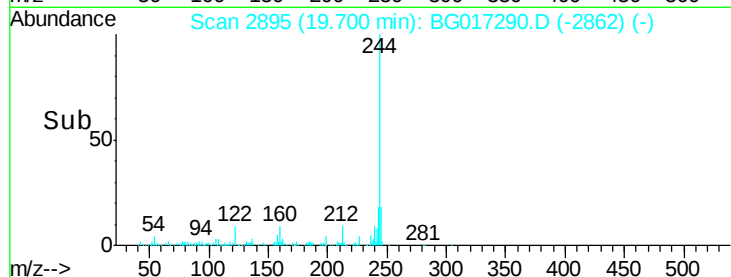
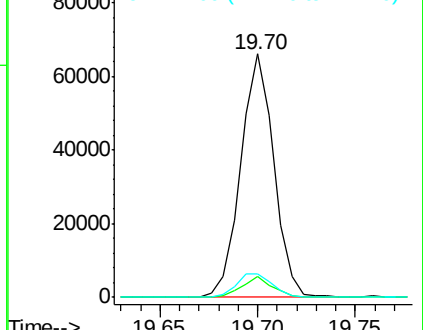
122 9.5 8.4 12.6



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: BG017290.D

Acq: 26 May 2015 22:43

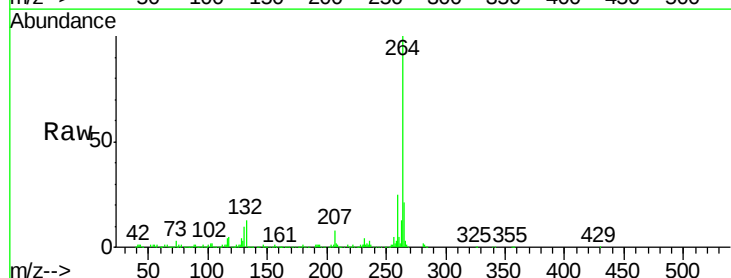
Tgt Ion:264 Resp: 252316

Ion Ratio Lower Upper

264 100

260 24.6 18.0 27.0

265 21.1 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

