

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120114\
 Data File : BG015557.D
 Acq On : 1 Dec 2014 12:08
 Operator : TP/JJ
 Sample : F4757-15DL2 100X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 F3W36DL2

Manual Integrations
 APPROVED

mohammad
 12/3/2014 8:21:19 AM

Quant Time: Dec 02 01:13:08 2014
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG112514.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 02 00:56:15 2014
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	90717	20.00	ng/ul	0.00
16) Naphthalene-d8	10.56	136	349411	20.00	ng/ul	0.00
33) Acenaphthene-d10	14.40	164	266253	20.00	ng/ul	0.00
59) Phenanthrene-d10	17.15	188	630998	20.00	ng/ul	0.00
73) Chrysene-d12	21.32	240	908155	20.00	ng/ul	0.00
81) Perylene-d12	23.61	264	851491	20.00	ng/ul	-0.01

System Monitoring Compounds

3) Phenol-d5	6.94	99	216	0.02	ng/ul	0.01
5) Bis-(2-Chloroethyl)ether-d	7.11	67	1187	0.20	ng/ul	0.00
7) 2-Chlorophenol-d4	7.31	132	247	0.04	ng/ul	0.01
11) 4-Methylphenol-d8	8.47	113	657	0.09	ng/ul	0.00
17) Nitrobenzene-d5	8.91	128	752	0.27	ng/ul	-0.01
20) 2-Nitrophenol-d4	9.64	143	493	0.17	ng/ul	0.00
24) 2,4-Dichlorophenol-d3	10.19	165	1637	0.30	ng/ul	0.01
27) 4-Chloroaniline-d4	10.67	131	184	0.03	ng/ul	-0.02
41) Dimethylphthalate-d6	13.82	166	6782	0.36	ng/ul	0.00
44) Acenaphthylene-d8	14.09	160	7853	0.35	ng/ul	0.00
49) 4-Nitrophenol-d4	14.61	143	248	0.08	ng/ul	0.01
55) Fluorene-d10	15.40	176	8318	0.48	ng/ul	0.00
60) 4,6-Dinitro-2-methylphenol	15.51	200	863	0.26	ng/ul	0.00
68) Anthracene-d10	17.25	188	11481	0.39	ng/ul	0.00
74) Pyrene-d10	19.53	212	12702	0.33	ng/ul	-0.01
85) Benzo(a)pyrene-d12	23.46	264	11807	0.31	ng/ul	-0.02

Target Compounds

					Qvalue
14) 4-Methylphenol	8.53	108	12683m	1.56	ng/ul
26) Naphthalene	10.61	128	815588	45.51	ng/ul
32) 2-Methylnaphthalene	12.22	142	119668	8.86	ng/ul
38) 1,1'-Biphenyl	13.24	154	24694	1.29	ng/ul#
47) Acenaphthene	14.47	153	77270	4.80	ng/ul
51) Dibenzofuran	14.80	168	69916	2.95	ng/ul
56) Fluorene	15.46	166	38218	1.98	ng/ul#
67) Phenanthrene	17.19	178	53795	1.67	ng/ul
70) Carbazole	17.55	167	62175	1.97	ng/ul

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

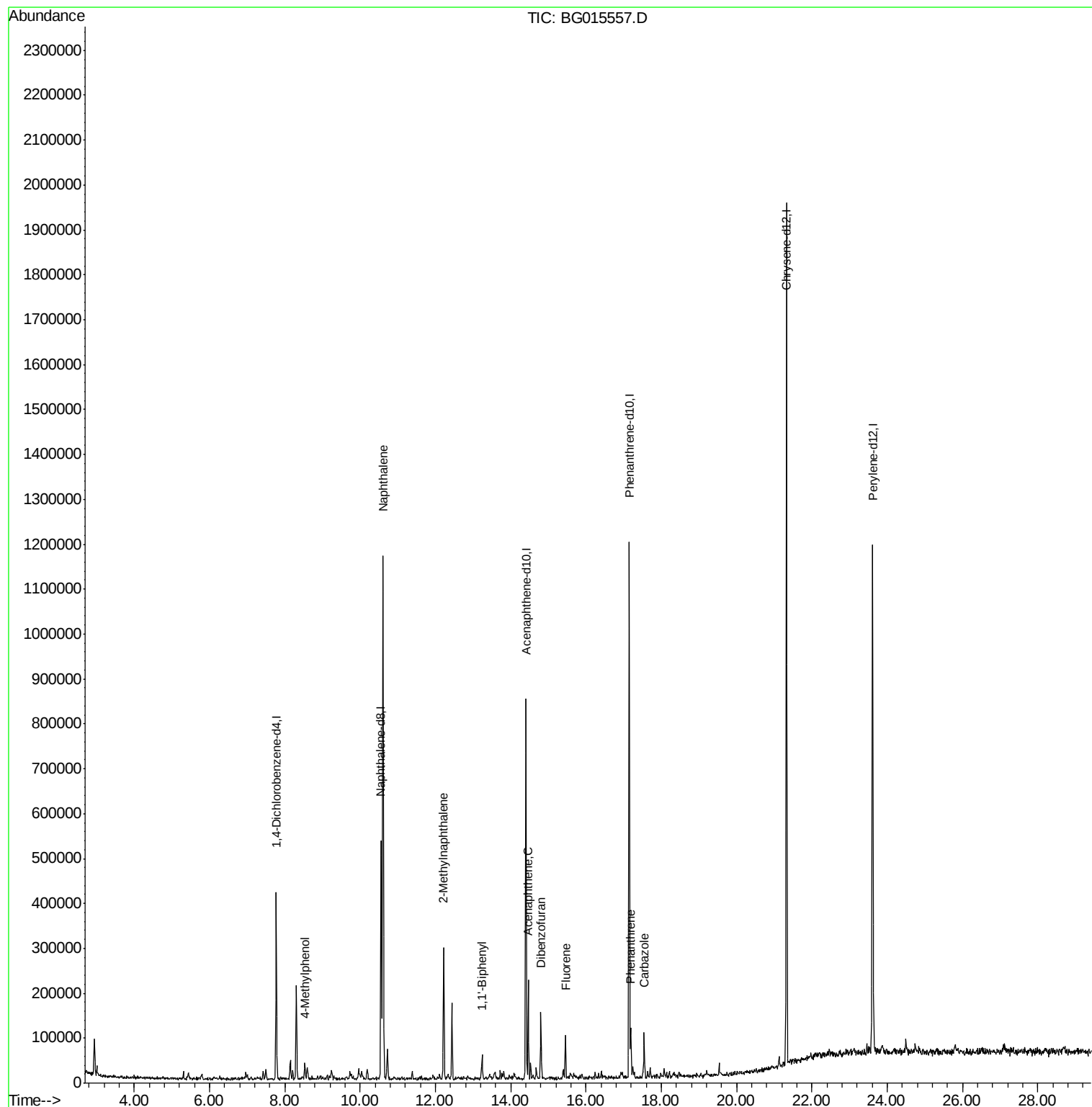
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120114\
Data File : BG015557.D
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ALS Vial : 4 Sample Multiplier: 1

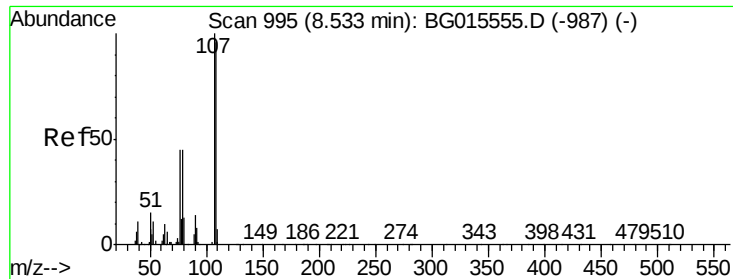
Instrument :
BNA_G
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Quant Time: Dec 02 01:13:08 2014
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG112514.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 02 00:56:15 2014
Response via : Initial Calibration





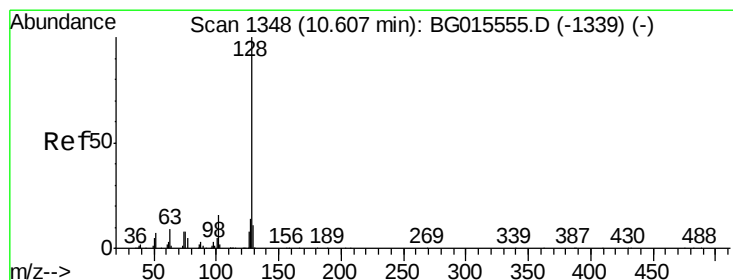
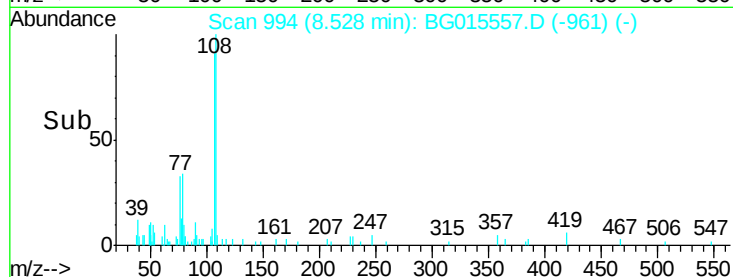
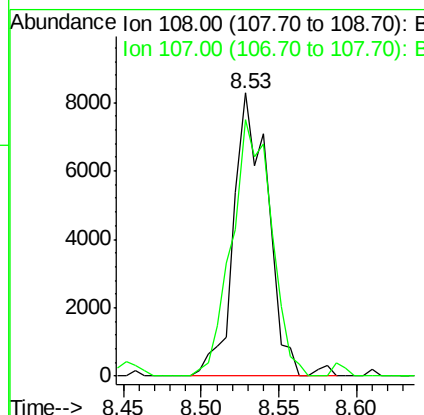
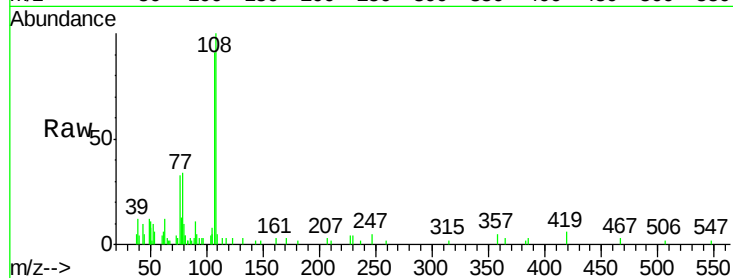
#14
4-Methylphenol
Concen: 1.56 ng/ul m
RT: 8.53 min Scan# 994
Delta R.T. -0.00 min
Lab File: BG015557.D
Acq: 1 Dec 2014 12:08

Instrument :
BNA_G
ClientSampleId :
F3W36DL2

Tgt Ion	Ratio	Resp	Lower	Upper
108	100	12683		
107	90.8	83.9	125.9	

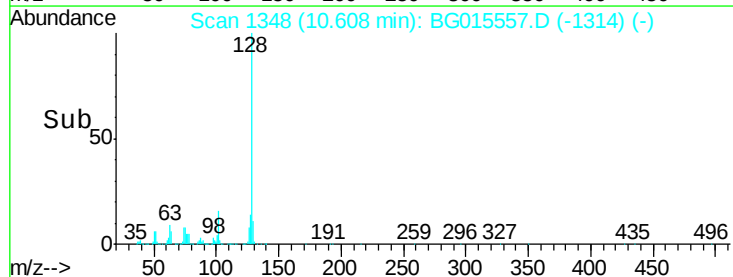
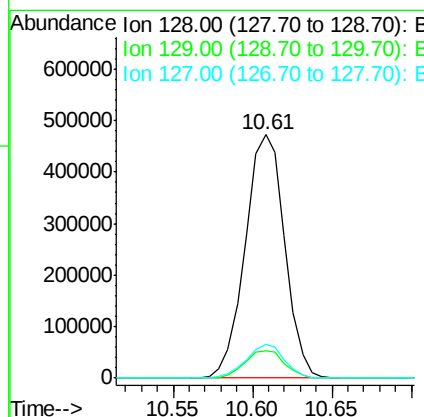
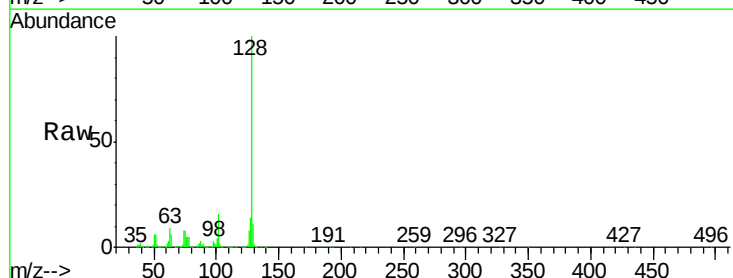
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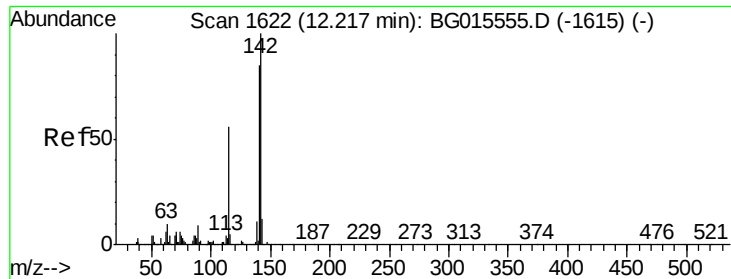
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#26
Naphthalene
Concen: 45.51 ng/ul
RT: 10.61 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BG015557.D
Acq: 1 Dec 2014 12:08

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	815588		
129	11.2	10.3	15.5	
127	14.0	10.2	15.2	





#32

2-Methylnaphthalene

Concen: 8.86 ng/ul

RT: 12.22 min Scan# 1622

Delta R.T. 0.00 min

Lab File: BG015557.D

Acq: 1 Dec 2014 12:08

Instrument :

BNA_G

ClientSampleId :

F3W36DL2

Tgt Ion:142 Resp: 119668

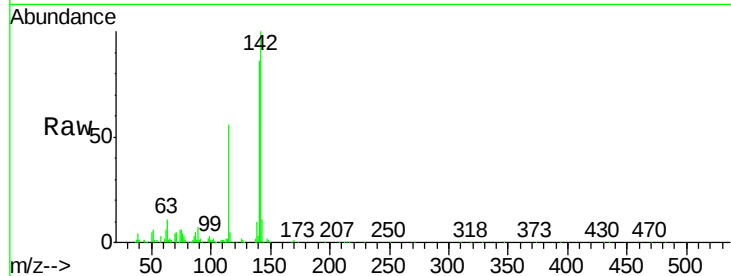
Ion Ratio Lower Upper

142 100

141 86.0 69.7 104.5

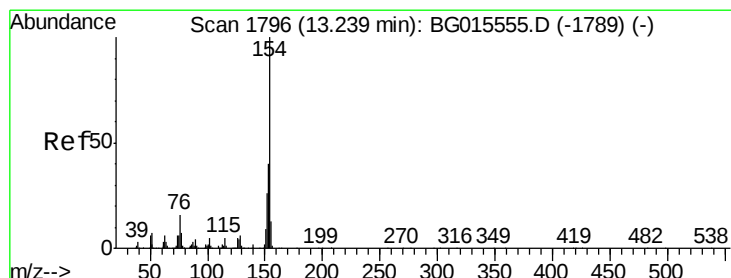
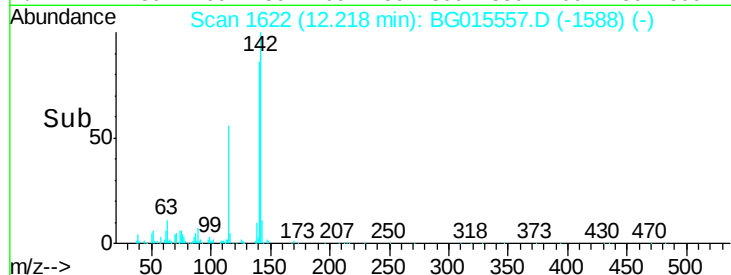
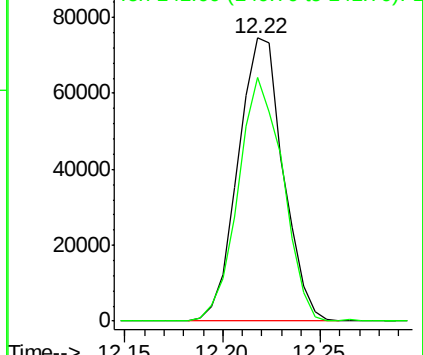
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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#38

1,1'-Biphenyl

Concen: 1.29 ng/ul

RT: 13.24 min Scan# 1796

Delta R.T. 0.00 min

Lab File: BG015557.D

Acq: 1 Dec 2014 12:08

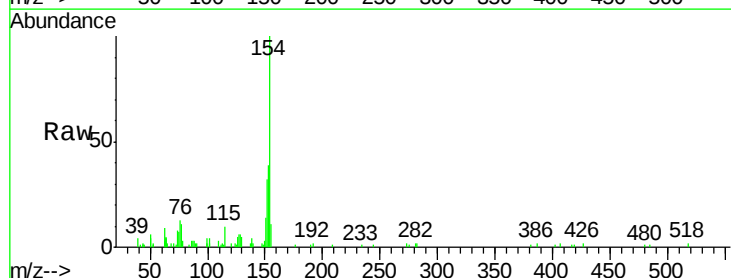
Tgt Ion:154 Resp: 24694

Ion Ratio Lower Upper

154 100

153 38.6 31.2 46.8

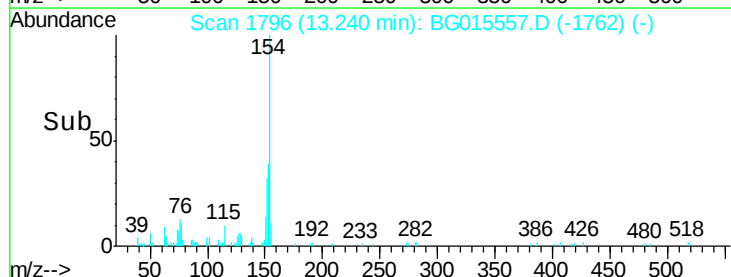
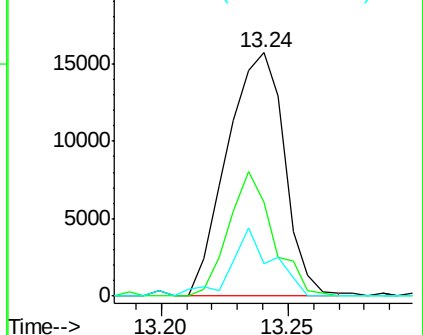
76 13.4 15.0 22.4#

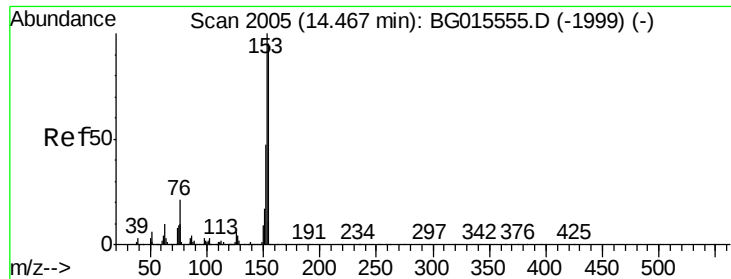


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





#47

Acenaphthene

Concen: 4.80 ng/ul

RT: 14.47 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BG015557.D

Acq: 1 Dec 2014 12:08

Instrument :

BNA_G

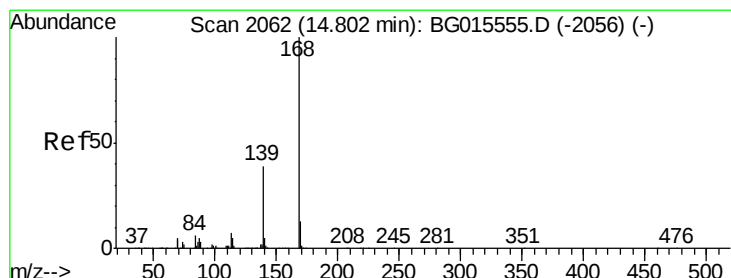
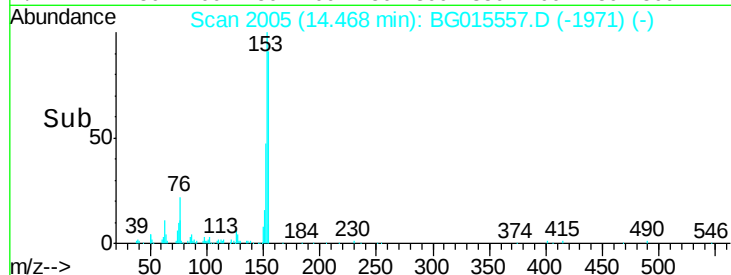
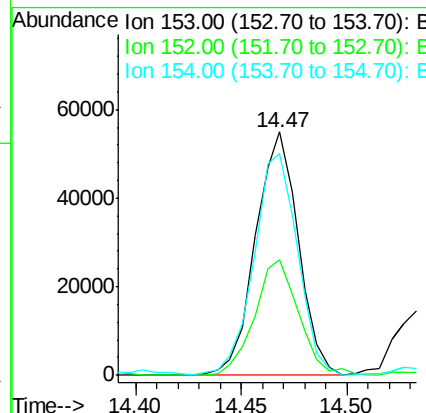
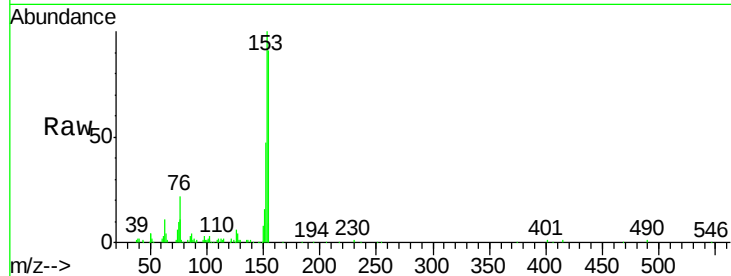
ClientSampleId :

F3W36DL2

Tgt Ion:	153	Resp:	77270
Ion Ratio	Lower	Upper	
153	100		
152	47.5	38.6	58.0
154	91.0	76.2	114.4

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#51

Dibenzofuran

Concen: 2.95 ng/ul

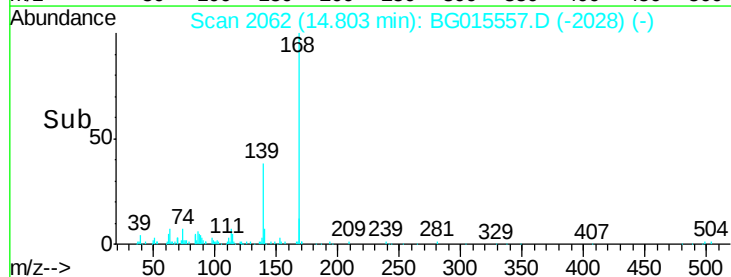
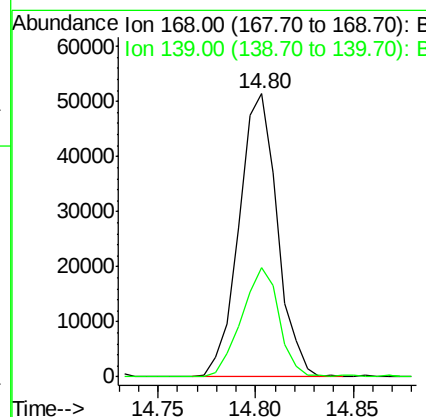
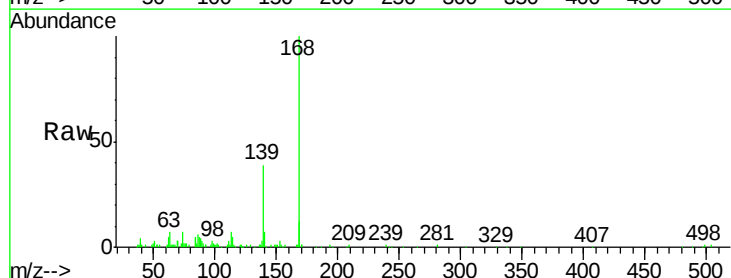
RT: 14.80 min Scan# 2062

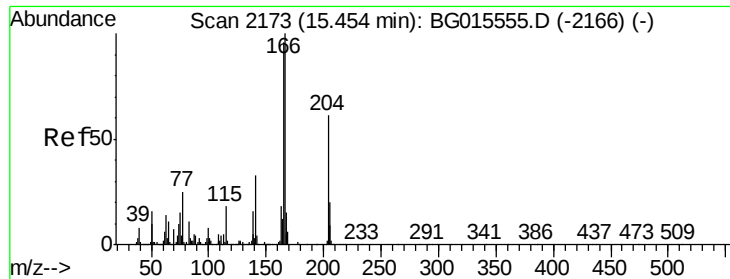
Delta R.T. 0.00 min

Lab File: BG015557.D

Acq: 1 Dec 2014 12:08

Tgt Ion:	168	Resp:	69916
Ion Ratio	Lower	Upper	
168	100		
139	38.5	34.9	52.3





#56

Fluorene

Concen: 1.98 ng/ul

RT: 15.46 min Scan# 2173

Delta R.T. 0.00 min

Lab File: BG015557.D

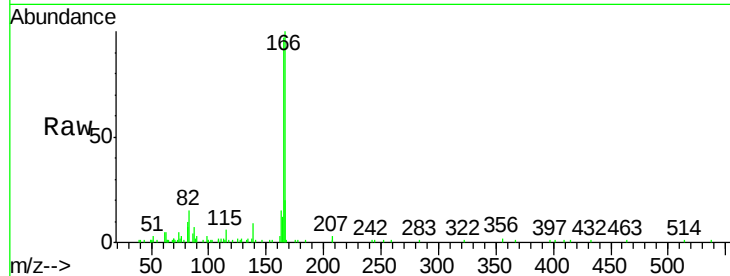
Acq: 1 Dec 2014 12:08

Instrument :

BNA_G

ClientSampleId :

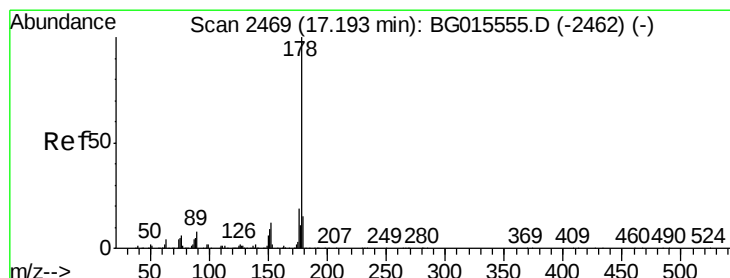
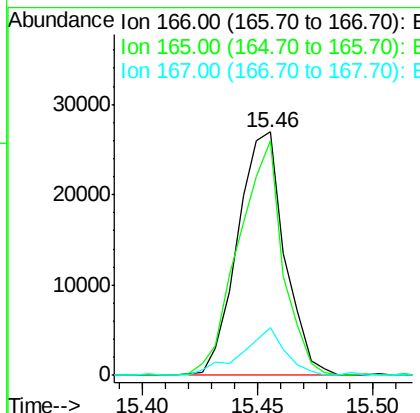
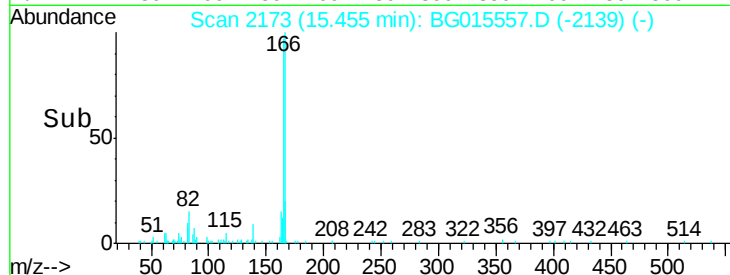
F3W36DL2



Tgt Ion:	166	Resp:	38218
Ion Ratio	Lower	Upper	
166	100		
165	96.6	77.0	115.6
167	19.9	12.8	19.2#

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#67

Phenanthrene

Concen: 1.67 ng/ul

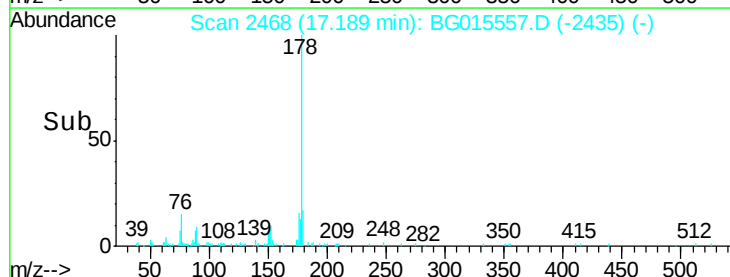
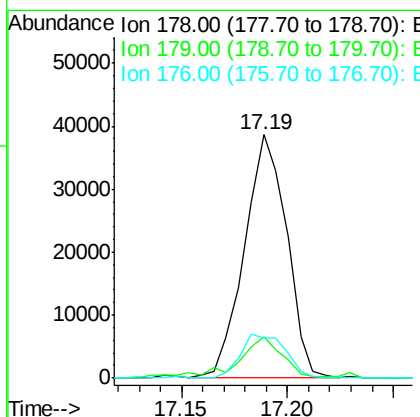
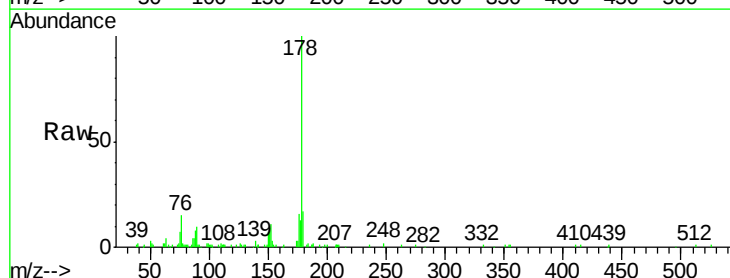
RT: 17.19 min Scan# 2468

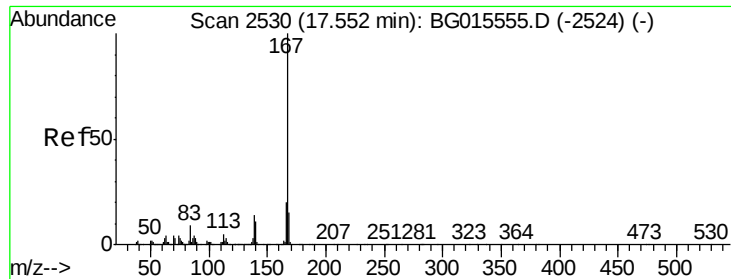
Delta R.T. -0.00 min

Lab File: BG015557.D

Acq: 1 Dec 2014 12:08

Tgt Ion:	178	Resp:	53795
Ion Ratio	Lower	Upper	
178	100		
179	17.1	12.5	18.7
176	16.3	14.5	21.7





#70
 Carbazole
 Concen: 1.97 ng/ul
 RT: 17.55 min Scan# 2529
 Delta R.T. -0.00 min
 Lab File: BG015557.D
 Acq: 1 Dec 2014 12:08

Instrument :
 BNA_G
 ClientSampleId :
 F3W36DL2

Tgt Ion:	167	Resp:	62175
Ion Ratio	Lower	Upper	
167	100		
166	17.9	15.1	22.7
139	11.4	10.7	16.1

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