

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
 Data File : BG025311.D
 Acq On : 18 Dec 2016 15:11
 Operator : UM/SJ
 Sample : H5905-21DL 5X
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 19 04:47:32 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 19 04:41:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	71259	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	288264	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.85	164	221092	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	479595	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	615133	20.00	ng/ul	-0.01
83) Perylene-d12	25.31	264	604928	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.58	96	759	0.55	ng/uL	0.00
5) Phenol-d5	7.39	99	26493	4.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	19596	5.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	21164	4.92	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	24401	4.75	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	10253	5.02	ng/ul	0.01
22) 2-Nitrophenol-d4	10.14	143	12252	4.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	25320	5.17	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	39502	8.21	ng/ul	0.02
43) Dimethylphthalate-d6	14.25	166	77360	5.09	ng/ul	0.00
46) Acenaphthylene-d8	14.55	160	90798	5.45	ng/ul	0.00
51) 4-Nitrophenol-d4	15.10	143	7259	2.78	ng/ul	0.01
57) Fluorene-d10	15.84	176	87911	6.14	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.98	200	2953	1.00	ng/ul	0.00
70) Anthracene-d10	17.69	188	114927	5.68	ng/ul	0.00
76) Pyrene-d10	19.97	212	136247	5.38	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.07	264	136507	5.57	ng/ul	-0.02

Target Compounds

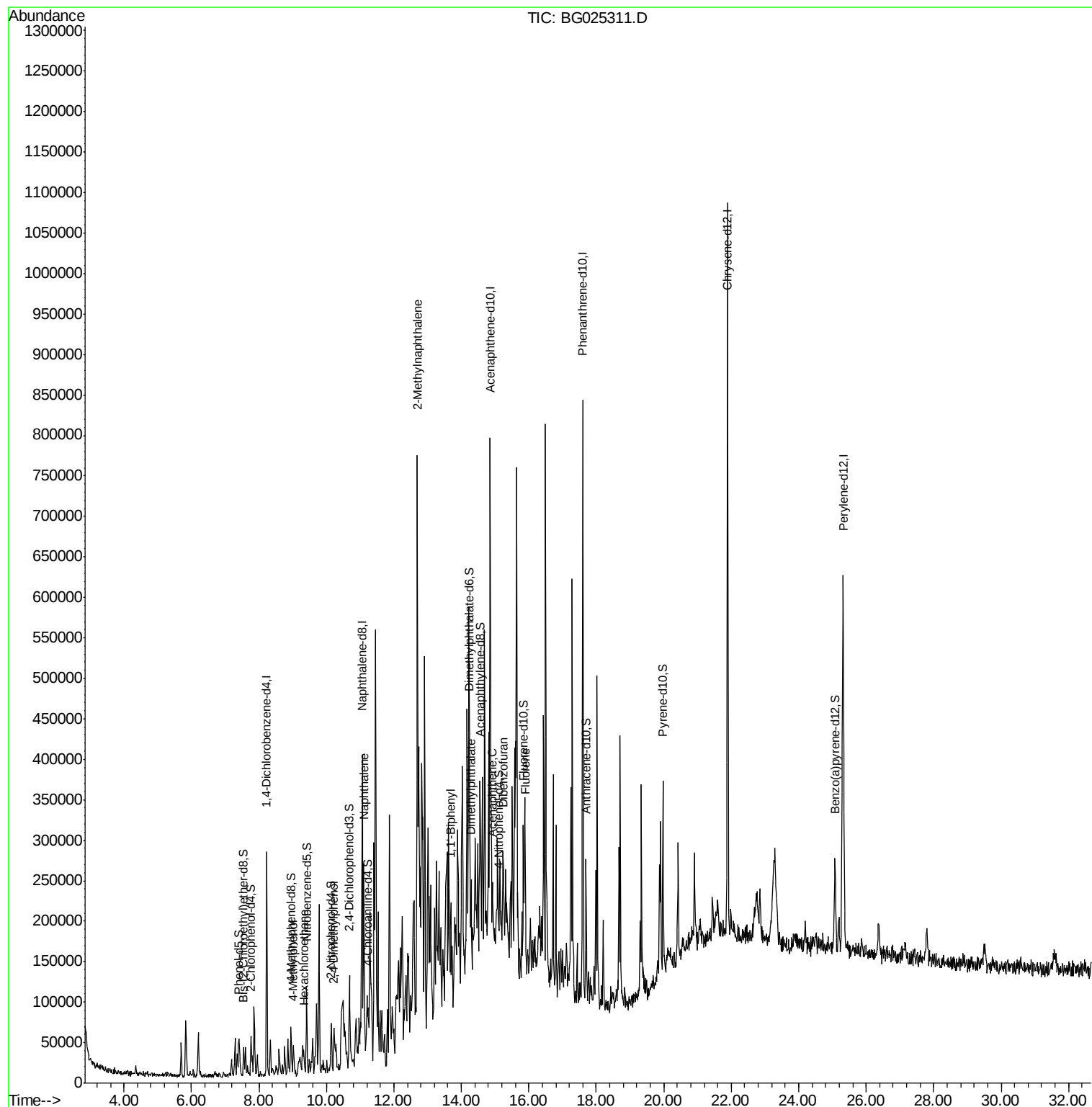
						Ovalue
16) 4-Methylphenol	9.02	108	6241	1.21	ng/ul#	70
17) Hexachloroethane	9.33	117	4229	2.21	ng/ul#	1
24) 2,4-Dimethylphenol	10.22	107	14370	2.43	ng/ul	91
28) Naphthalene	11.11	128	180076	13.44	ng/ul	95
34) 2-Methylnaphthalene	12.69	142	326945	30.92	ng/ul	99
40) 1,1'-Biphenyl	13.69	154	62298	4.65	ng/ul#	94
44) Dimethylphthalate	14.29	163	57471	3.85	ng/ul	99
49) Acenaphthene	14.91	153	17956	1.62	ng/ul#	74
53) Dibenzofuran	15.25	168	42320	2.41	ng/ul#	85
58) Fluorene	15.90	166	43633	3.05	ng/ul	99

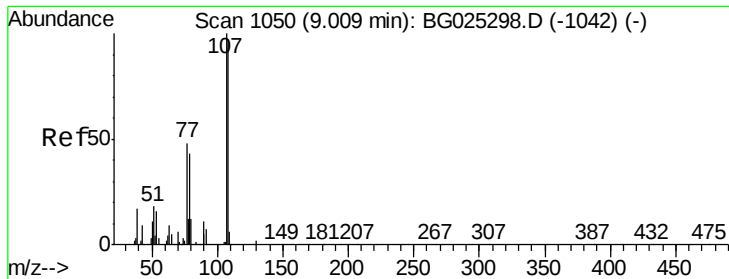
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 19 04:41:40 2016
Response via : Initial Calibration





#16

4-Methylphenol

Concen: 1.21 ng/ul

RT: 9.02 min Scan# 1052

Delta R.T. 0.01 min

Lab File: BG025311.D

Acq: 18 Dec 2016 15:11

Instrument :

BNA_G

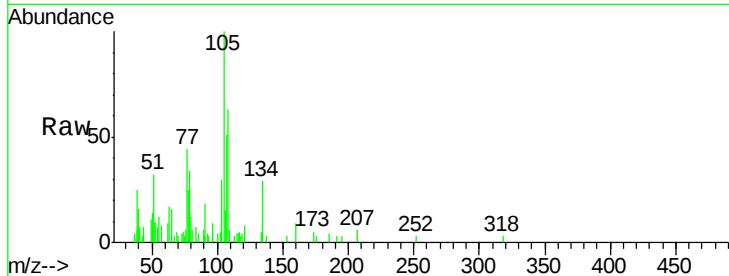
ClientSampleId :

Tot Ion:108 Resp: 6241

Ion Ratio Lower Upper

108 100

107 81.7 91.7 137.5#



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

9.02

4000

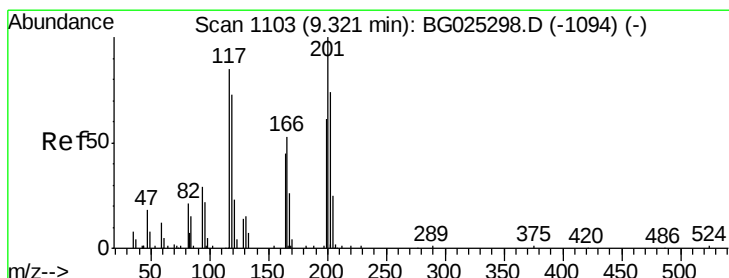
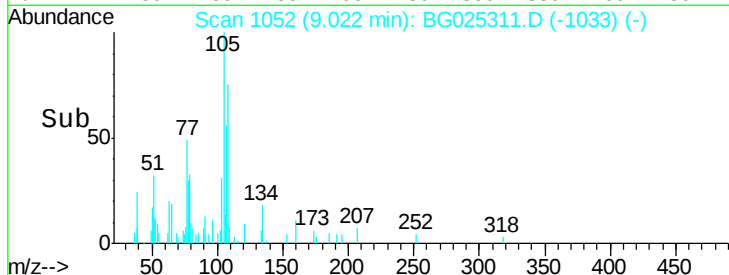
3000

2000

1000

0

Time-->



#17

Hexachloroethane

Concen: 2.21 ng/ul

RT: 9.33 min Scan# 1105

Delta R.T. 0.01 min

Lab File: BG025311.D

Acq: 18 Dec 2016 15:11

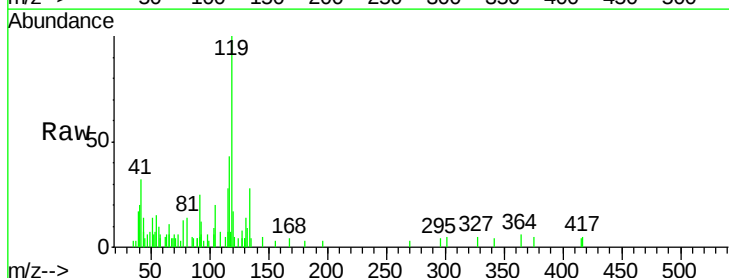
Tgt Ion:117 Resp: 4229

Ion Ratio Lower Upper

117 100

201 0.0 91.9 137.9#

199 0.0 64.3 96.5#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E

6000

5000

4000

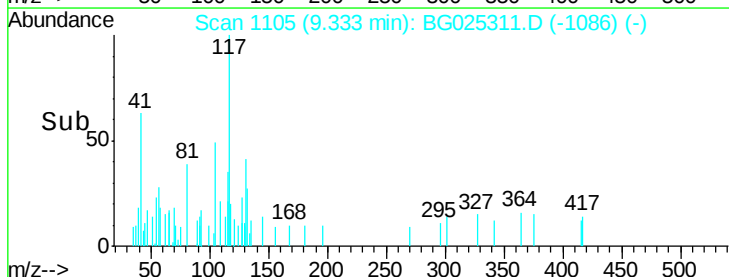
3000

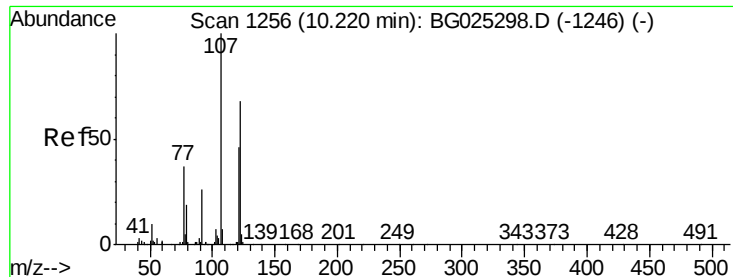
2000

1000

0

Time-->

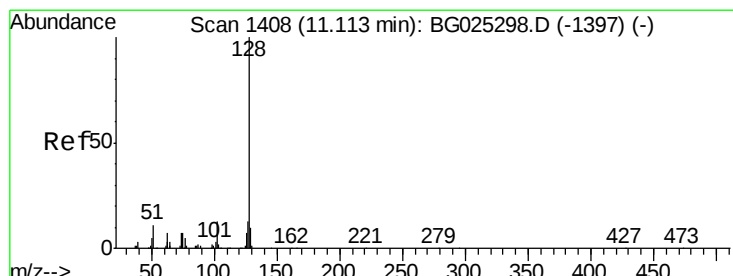
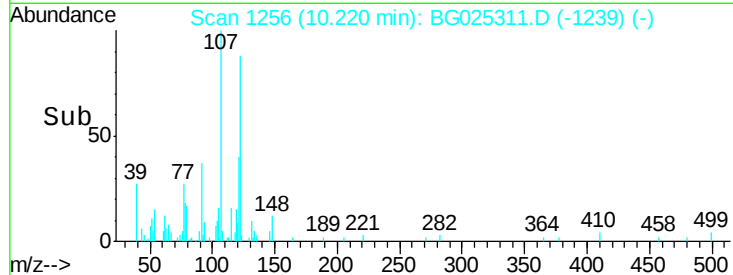
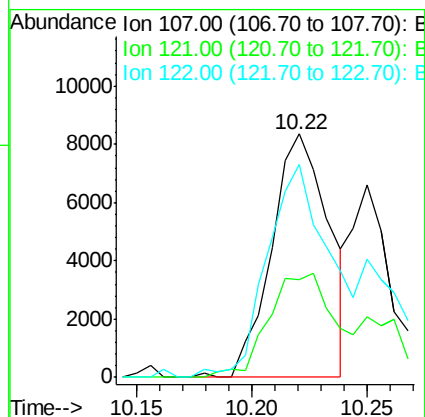
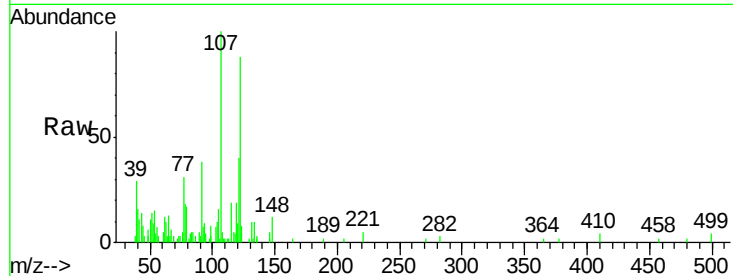




#24
 2,4-Dimethylphenol
 Concen: 2.43 ng/ul
 RT: 10.22 min Scan# 1256
 Delta R.T. 0.00 min
 Lab File: BG025311.D
 Acq: 18 Dec 2016 15:11

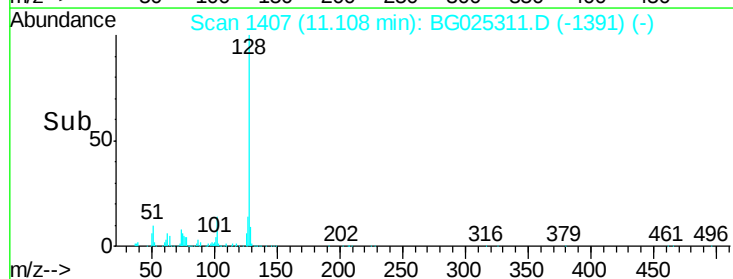
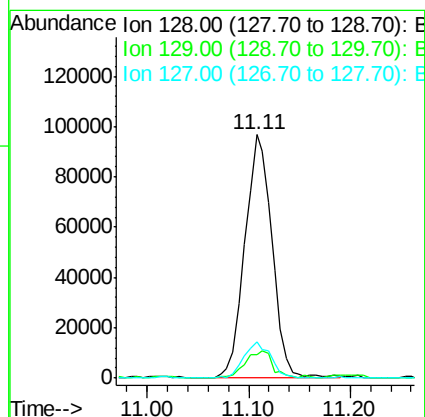
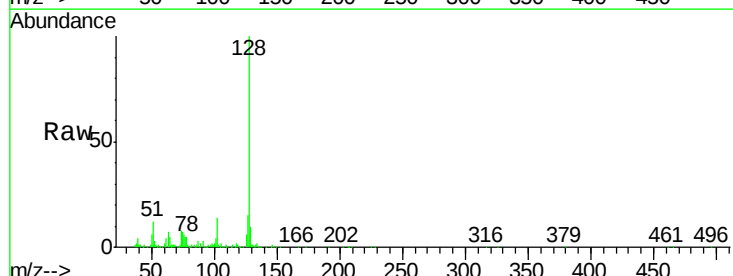
Instrument :
 BNA_G
 ClientSampled :

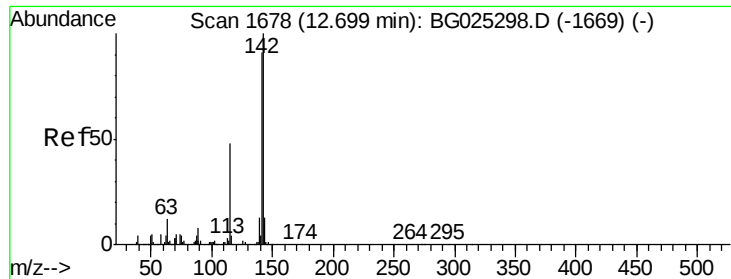
Tot Ion:107 Resp: 14370
 Ion Ratio Lower Upper
 107 100
 121 40.1 32.3 48.5
 122 87.7 61.2 91.8



#28
 Naphthalene
 Concen: 13.44 ng/ul
 RT: 11.11 min Scan# 1407
 Delta R.T. -0.01 min
 Lab File: BG025311.D
 Acq: 18 Dec 2016 15:11

Tgt Ion:128 Resp: 180076
 Ion Ratio Lower Upper
 128 100
 129 9.9 9.4 14.2
 127 14.7 10.3 15.5

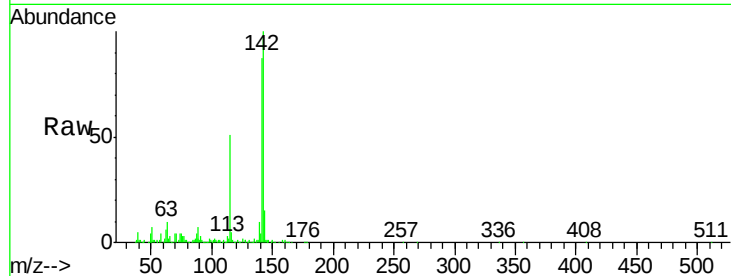




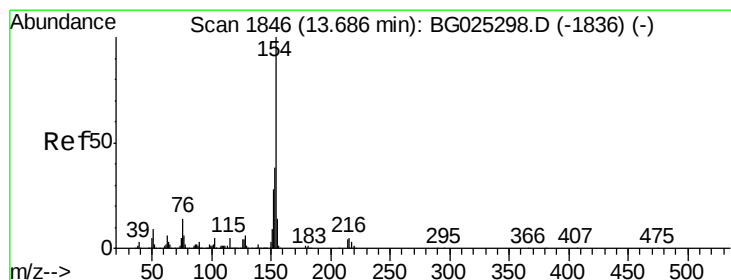
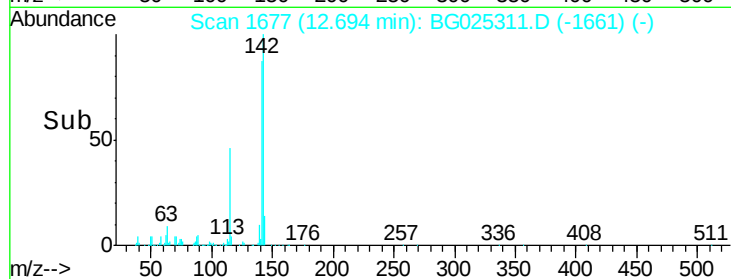
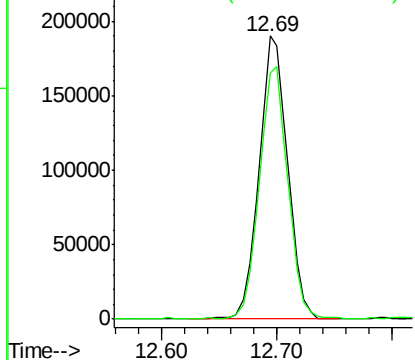
#34
 2-Methylnaphthalene
 Concen: 30.92 ng/ul
 RT: 12.69 min Scan# 1677
 Delta R.T. -0.01 min
 Lab File: BG025311.D
 Acq: 18 Dec 2016 15:11

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:142 Resp: 326945
 Ion Ratio Lower Upper
 142 100
 141 86.9 68.6 102.8

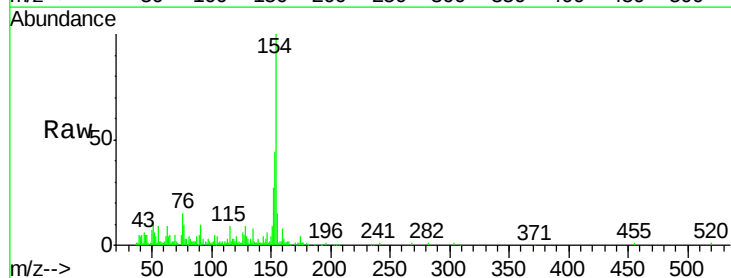


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E

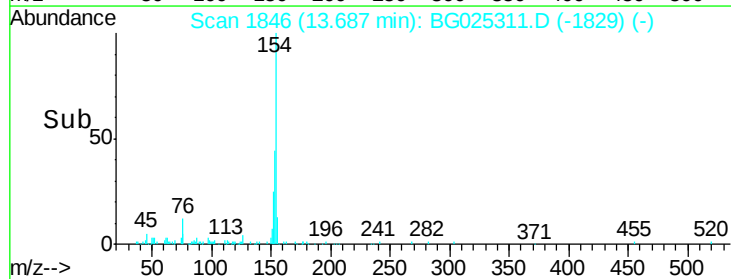
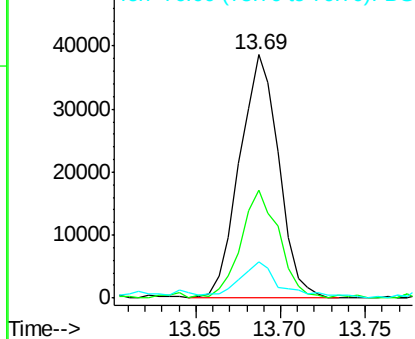


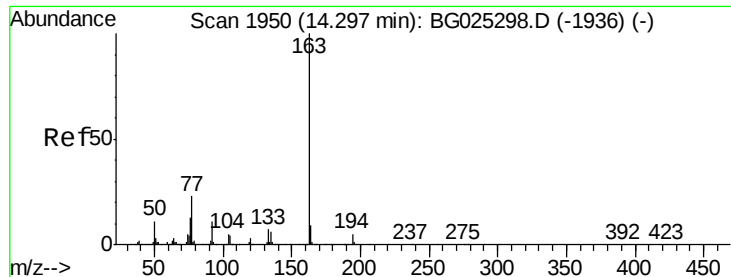
#40
 1,1'-Biphenyl
 Concen: 4.65 ng/ul
 RT: 13.69 min Scan# 1846
 Delta R.T. 0.00 min
 Lab File: BG025311.D
 Acq: 18 Dec 2016 15:11

Tgt Ion:154 Resp: 62298
 Ion Ratio Lower Upper
 154 100
 153 44.1 32.2 48.2
 76 14.8 9.6 14.4#



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

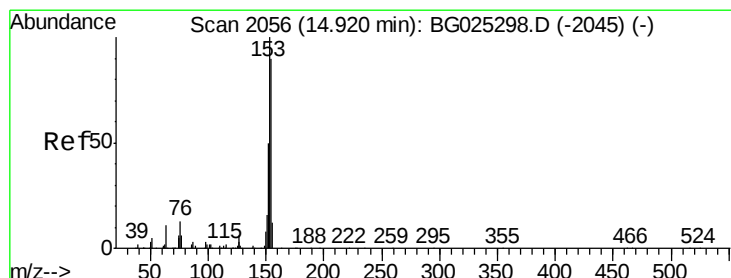
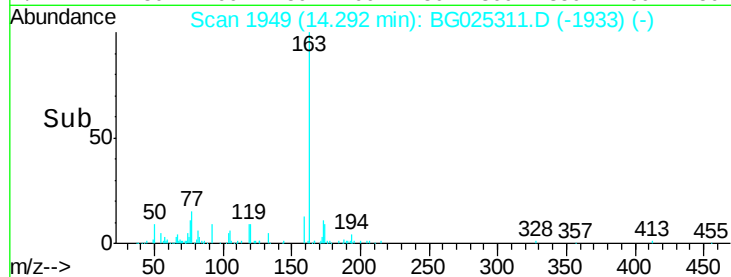
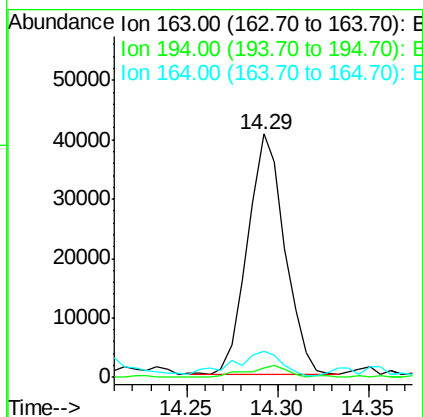
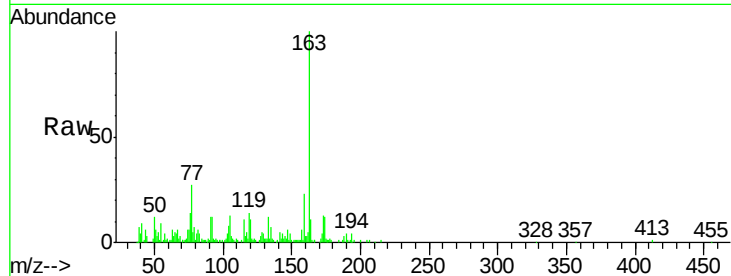




#44
Dimethylphthalate
Concen: 3.85 ng/ul
RT: 14.29 min Scan# 1949
Delta R.T. -0.01 min
Lab File: BG025311.D
Acq: 18 Dec 2016 15:11

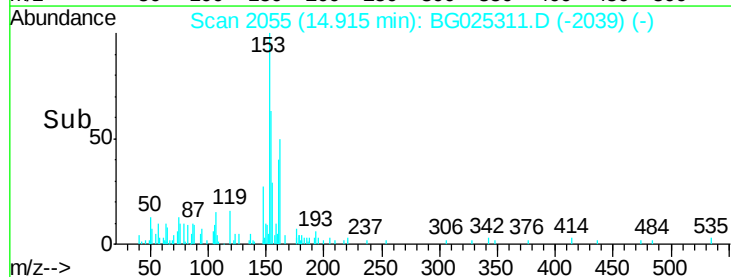
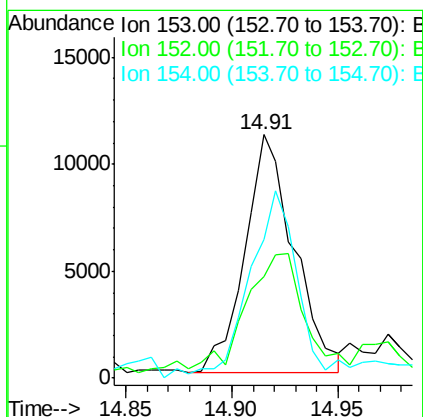
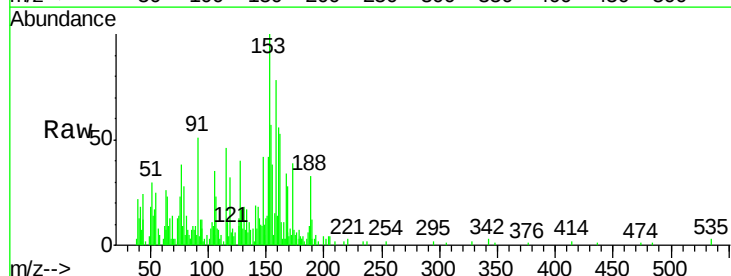
Instrument :
BNA_G
ClientSampleId :

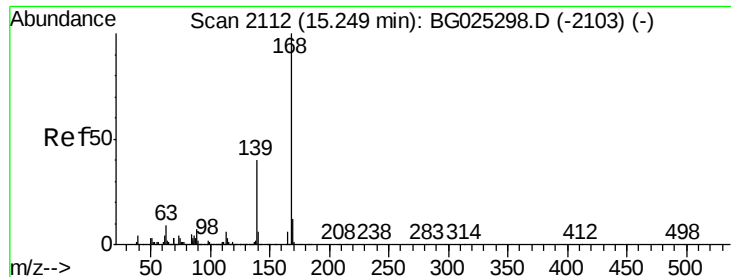
Tot Ion:163 Resp: 57471
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.0
164 10.7 9.0 13.4



#49
Acenaphthene
Concen: 1.62 ng/ul
RT: 14.91 min Scan# 2055
Delta R.T. -0.01 min
Lab File: BG025311.D
Acq: 18 Dec 2016 15:11

Tgt Ion:153 Resp: 17956
Ion Ratio Lower Upper
153 100
152 41.7 36.5 54.7
154 57.0 72.3 108.5#





#53

Dibenzenofuran

Concen: 2.41 ng/ul

RT: 15.25 min Scan# 2112

Delta R.T. 0.00 min

Lab File: BG025311.D

Acq: 18 Dec 2016 15:11

Instrument :

BNA_G

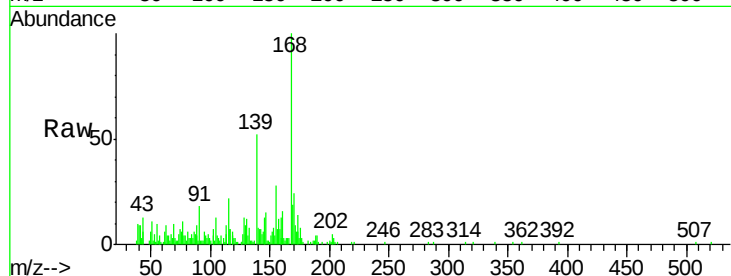
ClientSampleId :

Tot Ion:168 Resp: 42320

Ion Ratio Lower Upper

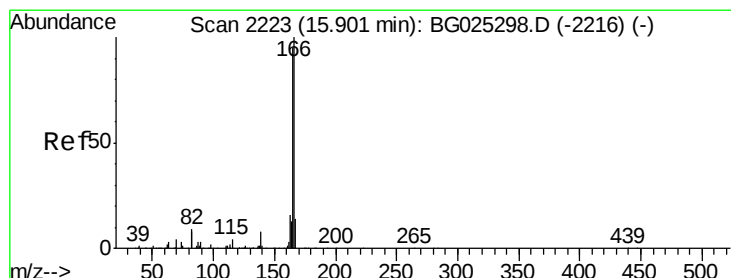
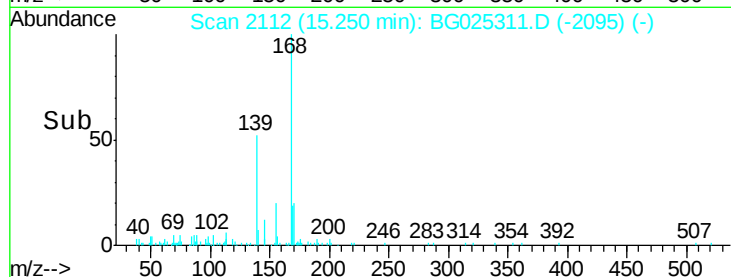
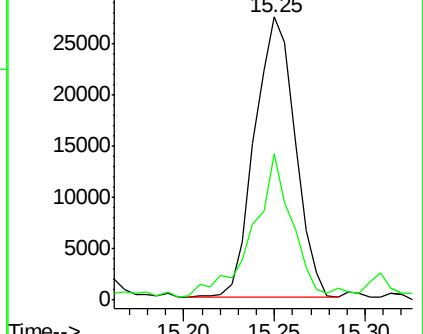
168 100

139 51.9 33.8 50.8#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#58

Fluorene

Concen: 3.05 ng/ul

RT: 15.90 min Scan# 2222

Delta R.T. -0.01 min

Lab File: BG025311.D

Acq: 18 Dec 2016 15:11

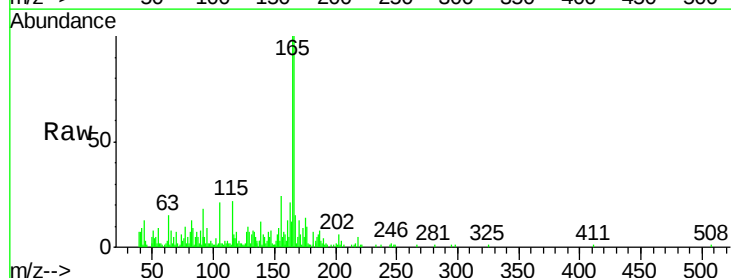
Tgt Ion:166 Resp: 43633

Ion Ratio Lower Upper

166 100

165 100.2 79.7 119.5

167 15.2 11.4 17.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

