

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
 Data File : BG025307.D
 Acq On : 18 Dec 2016 12:34
 Operator : UM/SJ
 Sample : H5905-19DL 10X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 19 04:46:42 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	68313	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	284817	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.85	164	218208	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	482091	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	621215	20.00	ng/ul	0.00
83) Perylene-d12	25.31	264	615932	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	853	0.64	ng/uL	0.00
5) Phenol-d5	7.41	99	16332	2.77	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.55	67	11445	3.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	10587	2.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	13671	2.78	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	7038	3.49	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	7952	3.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	14063	2.91	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	22145	4.66	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	50472	3.36	ng/ul	0.00
46) Acenaphthylene-d8	14.55	160	60903	3.70	ng/ul	0.00
51) 4-Nitrophenol-d4	15.11	143	8097	3.14	ng/ul	0.02
57) Fluorene-d10	15.84	176	53573	3.79	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	628	0.21	ng/ul	0.00
70) Anthracene-d10	17.70	188	74595	3.67	ng/ul	0.00
76) Pyrene-d10	19.97	212	87594	3.42	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.07	264	87771	3.52	ng/ul	-0.01

Target Compounds

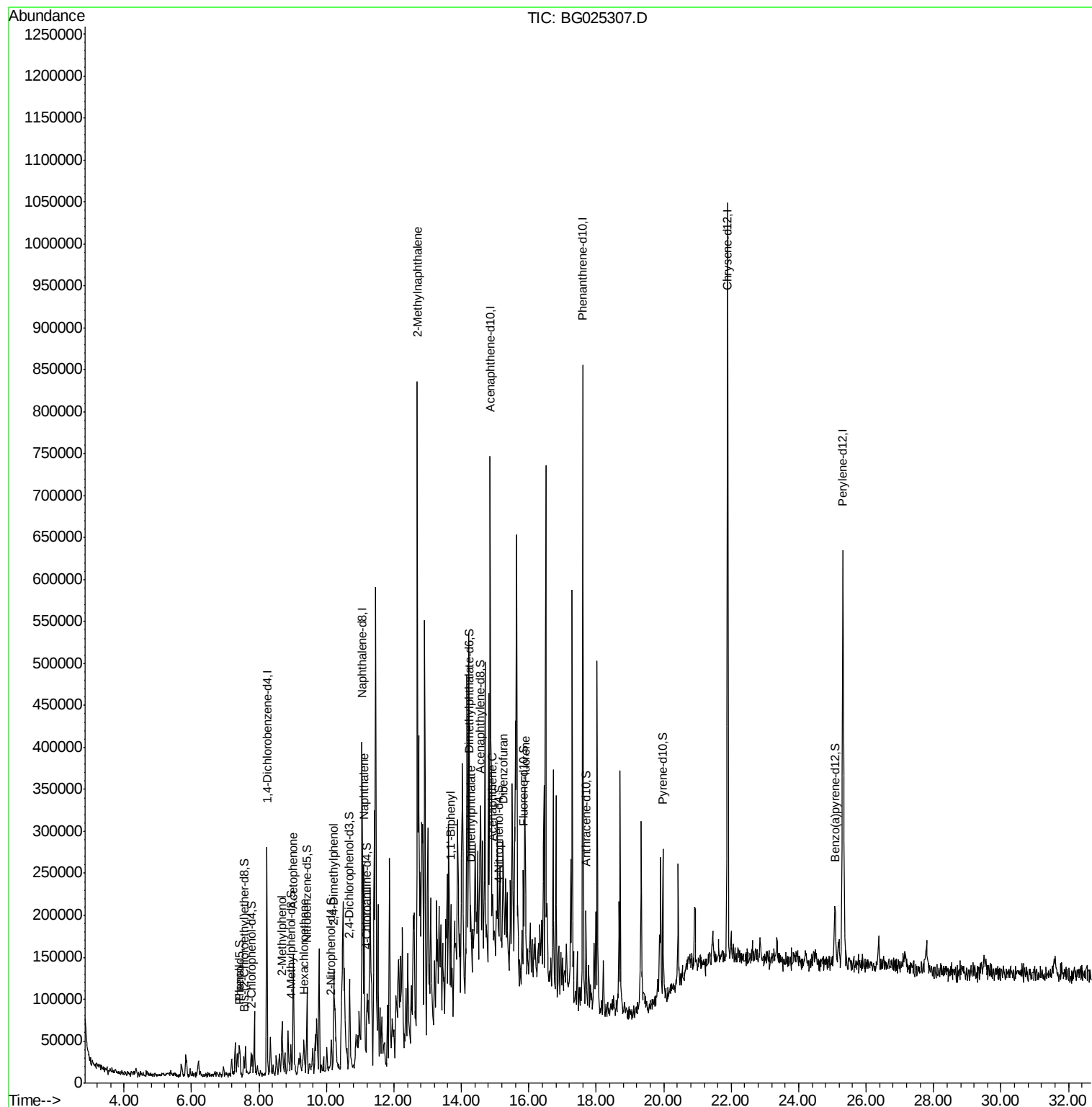
						Ovalue
6) Phenol	7.43	94	7603	1.26	ng/ul	96
11) 2-Methylphenol	8.68	108	19421	4.36	ng/ul	91
14) Acetophenone	9.02	105	14809	1.98	ng/ul#	65
17) Hexachloroethane	9.33	117	5864	3.19	ng/ul#	1
24) 2,4-Dimethylphenol	10.22	107	39806	6.82	ng/ul	99
28) Naphthalene	11.11	128	178277	13.47	ng/ul	94
34) 2-Methylnaphthalene	12.70	142	341377	32.67	ng/ul	95
40) 1,1'-Biphenyl	13.69	154	73898	5.59	ng/ul#	88
44) Dimethylphthalate	14.30	163	34843	2.36	ng/ul#	97
49) Acenaphthene	14.92	153	17392	1.59	ng/ul#	79
53) Dibenzofuran	15.25	168	45598	2.63	ng/ul	99
58) Fluorene	15.90	166	47663	3.38	ng/ul#	98

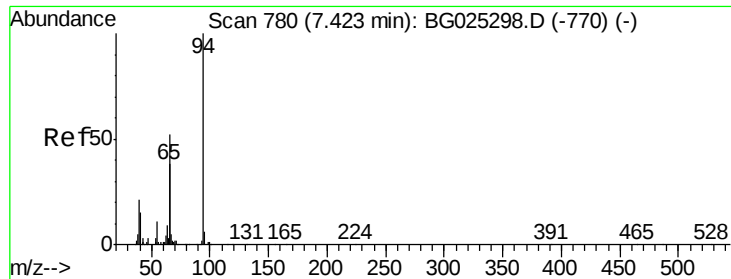
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#6

Phenol

Concen: 1.26 ng/ul

RT: 7.43 min Scan# 781

Delta R.T. 0.00 min

Lab File: BG025307.D

Acq: 18 Dec 2016 12:34

Instrument :

BNA_G

ClientSampleId :

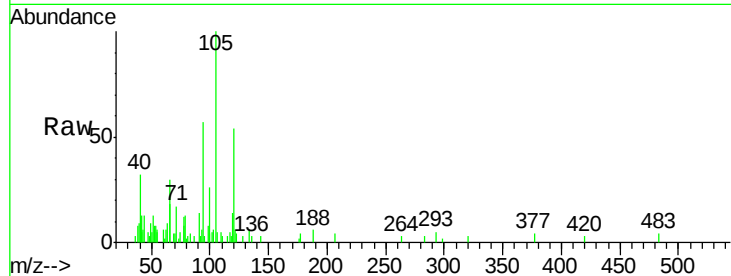
Tot Ion: 94 Resp: 7603

Ion Ratio Lower Upper

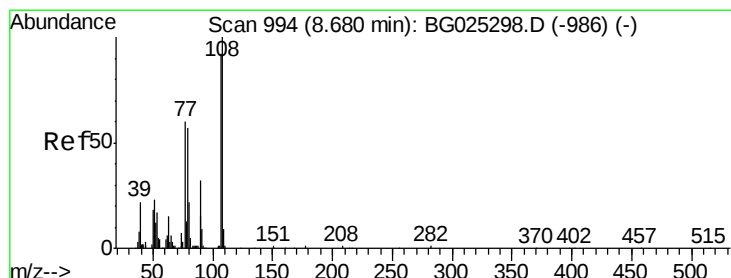
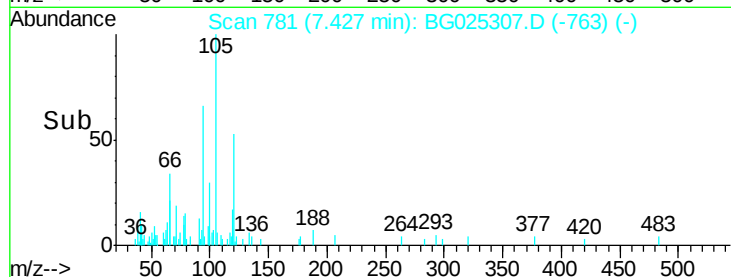
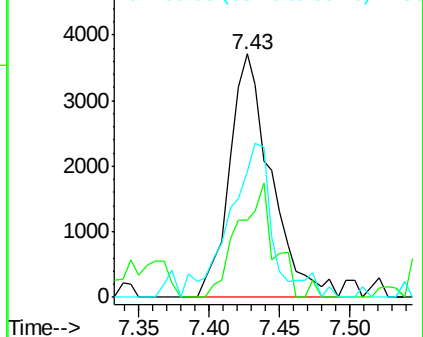
94 100

65 32.0 26.8 40.2

66 51.9 44.4 66.6



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#11

2-Methylphenol

Concen: 4.36 ng/ul

RT: 8.68 min Scan# 995

Delta R.T. 0.00 min

Lab File: BG025307.D

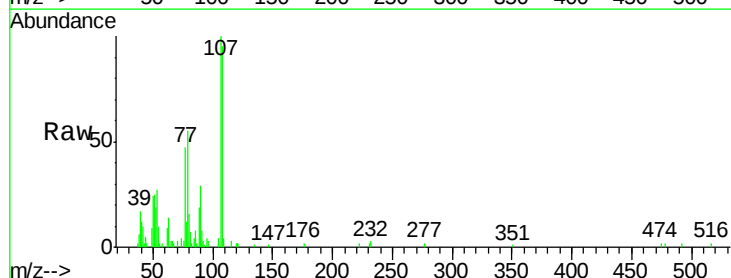
Acq: 18 Dec 2016 12:34

Tgt Ion: 108 Resp: 19421

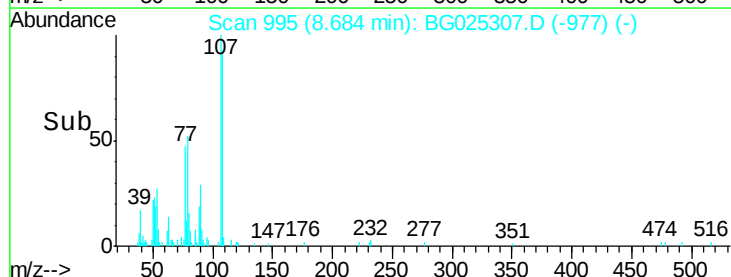
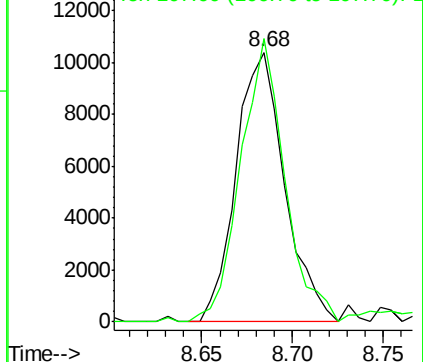
Ion Ratio Lower Upper

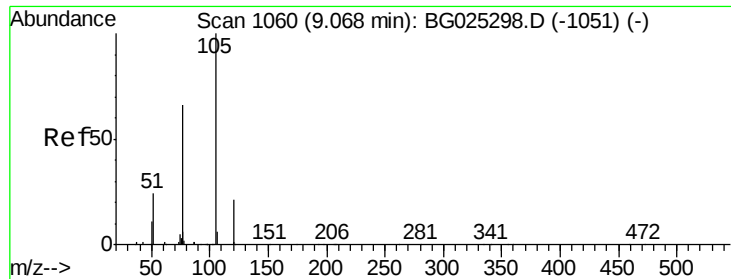
108 100

107 104.9 76.7 115.1



Abundance Ion 108.00 (107.70 to 108.70): BGC
Ion 107.00 (106.70 to 107.70): BGC





#14

Acetophenone

Concen: 1.98 ng/ul

RT: 9.02 min Scan# 1052

Delta R.T. -0.05 min

Lab File: BG025307.D

Acq: 18 Dec 2016 12:34

Instrument :

BNA_G

ClientSampleId :

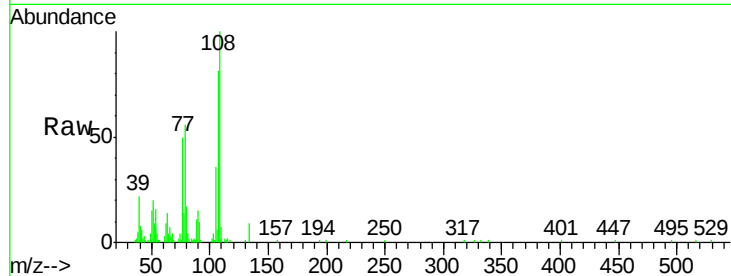
Tot Ion:105 Resp: 14809

Ion Ratio Lower Upper

105 100

77 137.8 76.0 114.0#

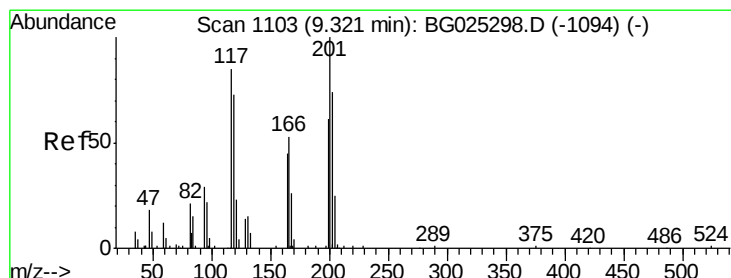
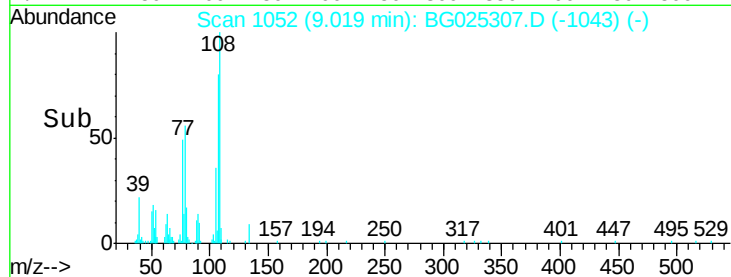
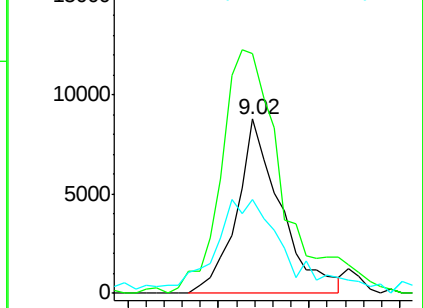
51 53.8 34.8 52.2#



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG0

Ion 51.00 (50.70 to 51.70): BG0



#17

Hexachloroethane

Concen: 3.19 ng/ul

RT: 9.33 min Scan# 1105

Delta R.T. 0.01 min

Lab File: BG025307.D

Acq: 18 Dec 2016 12:34

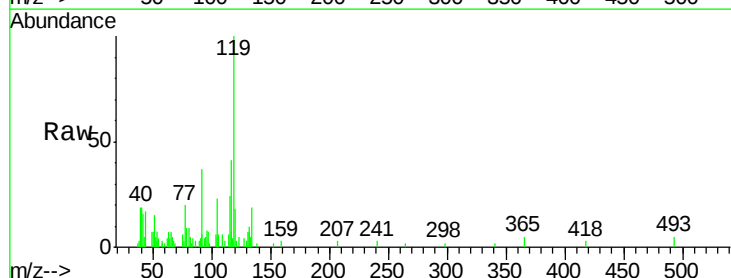
Tgt Ion:117 Resp: 5864

Ion Ratio Lower Upper

117 100

201 0.0 91.9 137.9#

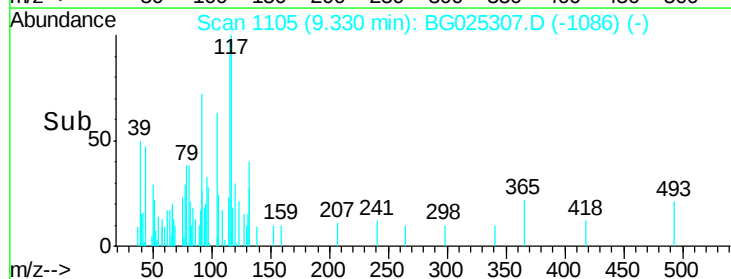
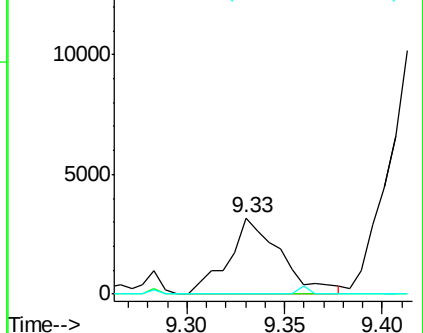
199 0.0 64.3 96.5#

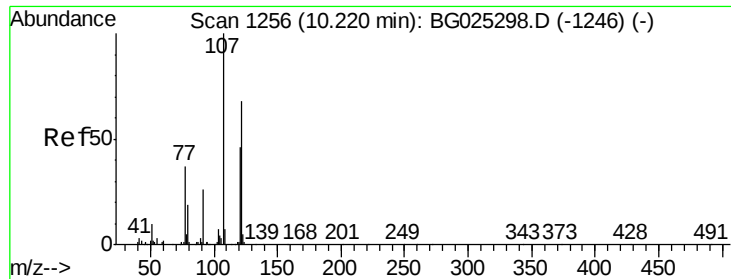


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E

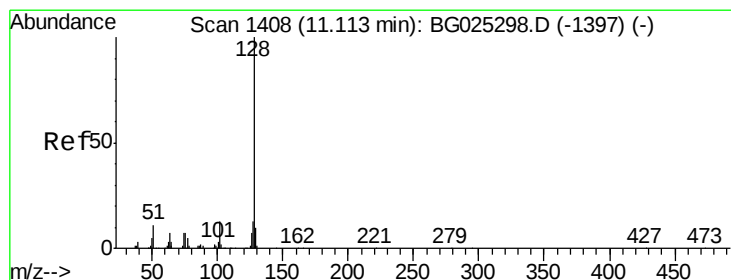
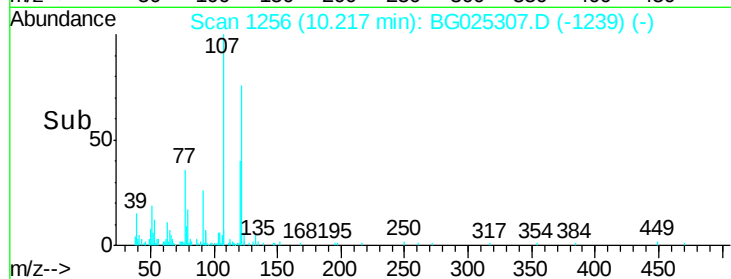
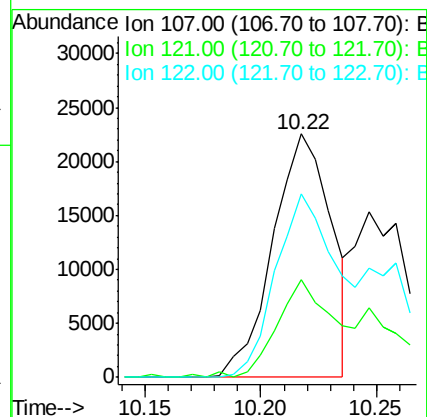
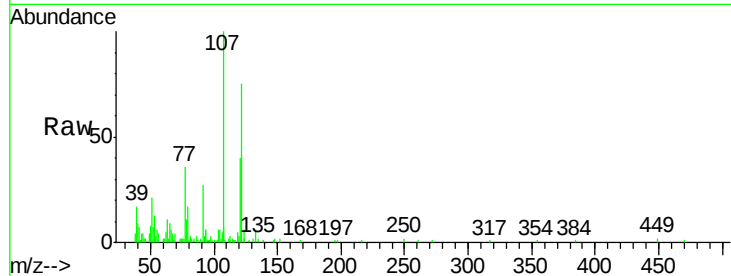




#24
2,4-Dimethylphenol
Concen: 6.82 ng/ul
RT: 10.22 min Scan# 1256
Delta R.T. -0.00 min
Lab File: BG025307.D
Acq: 18 Dec 2016 12:34

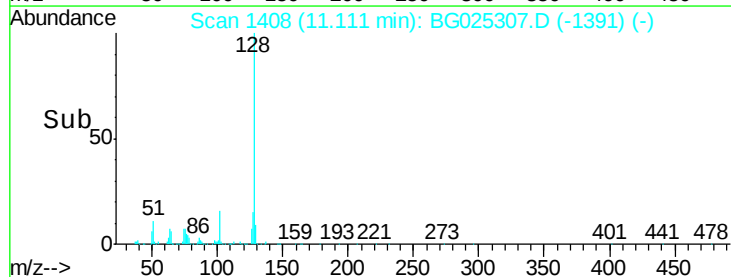
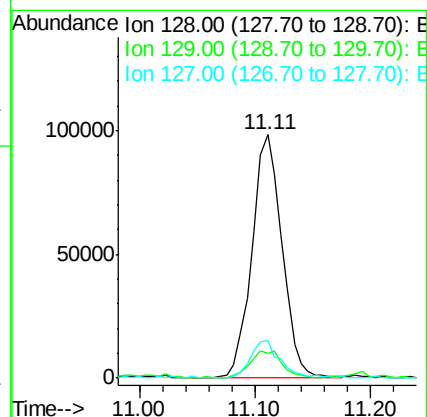
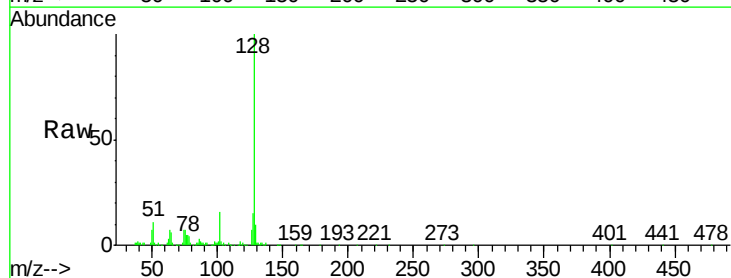
Instrument :
BNA_G
ClientSampled :

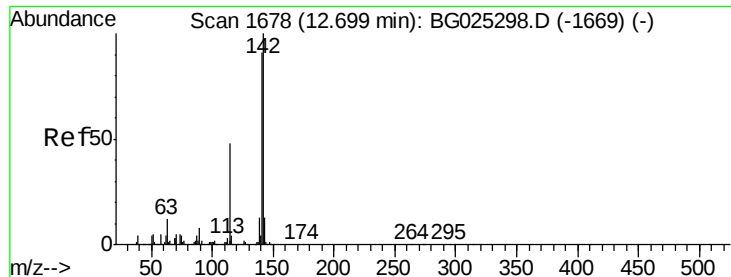
Tot Ion	107	Resp	39806
Ion Ratio	Lower	Upper	
107	100		
121	40.0	32.3	48.5
122	75.4	61.2	91.8



#28
Naphthalene
Concen: 13.47 ng/ul
RT: 11.11 min Scan# 1408
Delta R.T. -0.00 min
Lab File: BG025307.D
Acq: 18 Dec 2016 12:34

Tgt Ion	128	Resp	178277
Ion Ratio	Lower	Upper	
128	100		
129	9.9	9.4	14.2
127	15.4	10.3	15.5

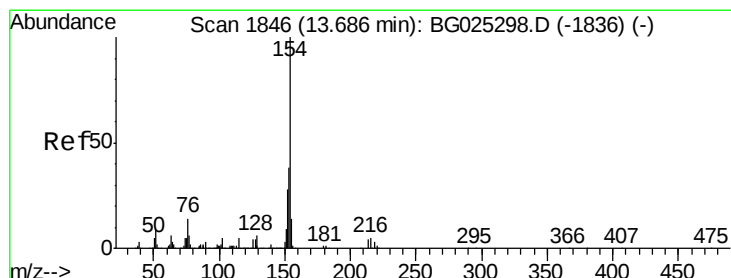
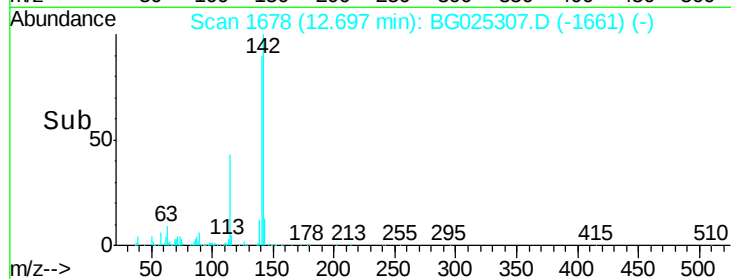
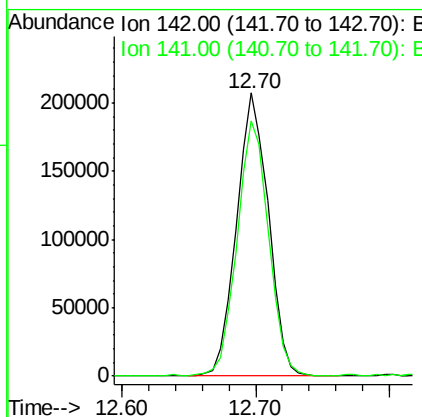
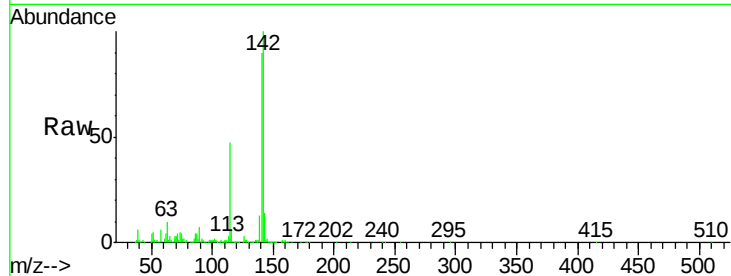




#34
 2-Methylnaphthalene
 Concen: 32.67 ng/ul
 RT: 12.70 min Scan# 1678
 Delta R.T. -0.00 min
 Lab File: BG025307.D
 Acq: 18 Dec 2016 12:34

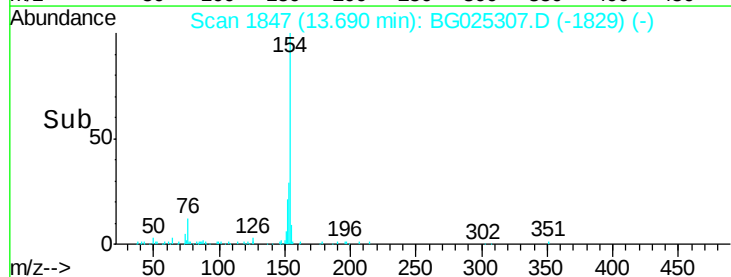
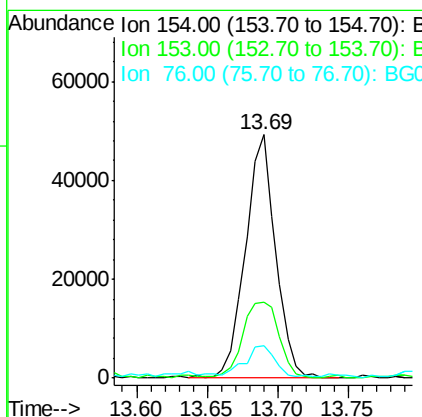
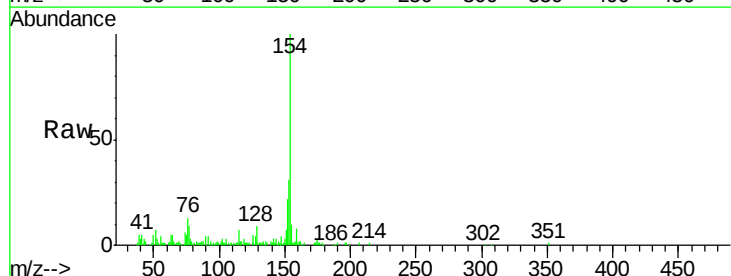
Instrument :
 BNA_G
 ClientSampleId :

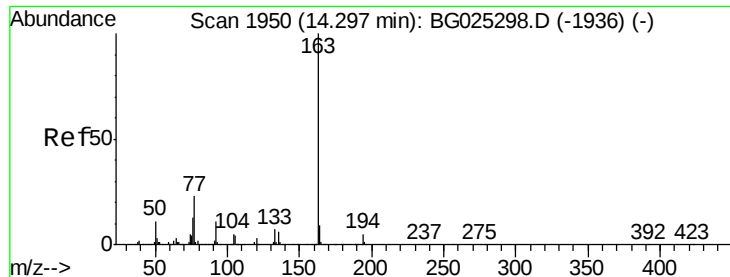
Tot Ion:142 Resp: 341377
 Ion Ratio Lower Upper
 142 100
 141 90.2 68.6 102.8



#40
 1,1'-Biphenyl
 Concen: 5.59 ng/ul
 RT: 13.69 min Scan# 1847
 Delta R.T. 0.00 min
 Lab File: BG025307.D
 Acq: 18 Dec 2016 12:34

Tgt Ion:154 Resp: 73898
 Ion Ratio Lower Upper
 154 100
 153 31.3 32.2 48.2#
 76 13.2 9.6 14.4





#44

Dimethylphthalate

Concen: 2.36 ng/ul

RT: 14.30 min Scan# 1950

Delta R.T. -0.00 min

Lab File: BG025307.D

Acq: 18 Dec 2016 12:34

Instrument :

BNA_G

ClientSampleId :

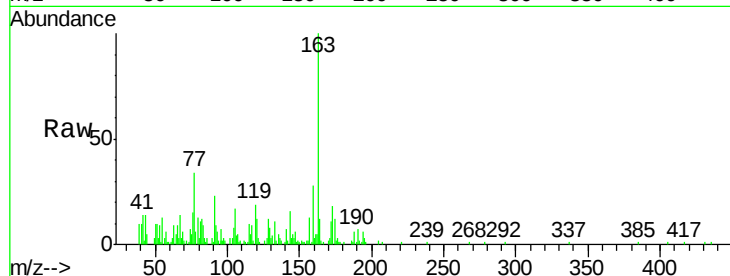
Tot Ion:163 Resp: 34843

Ion Ratio Lower Upper

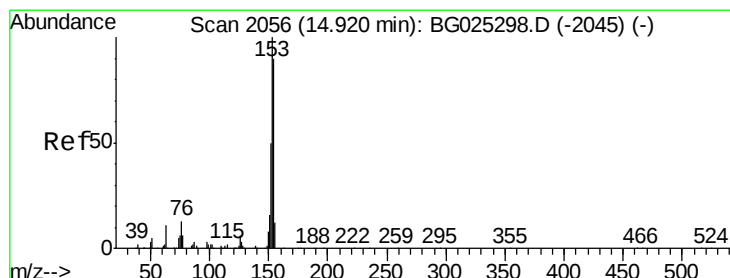
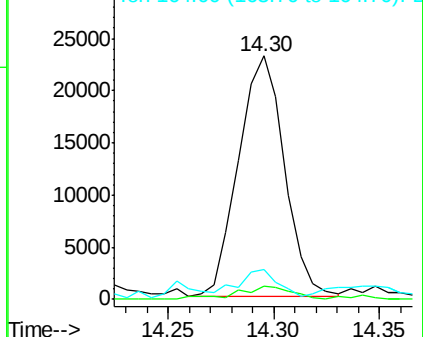
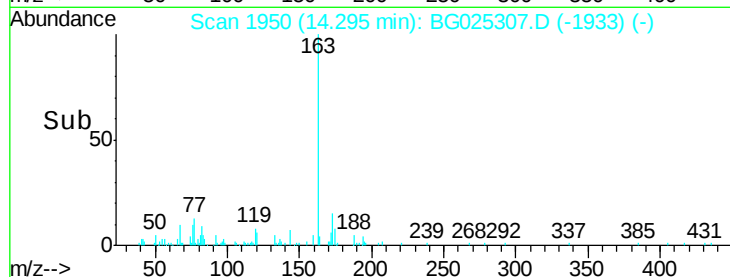
163 100

194 5.5 3.4 5.0#

164 12.0 9.0 13.4



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



#49

Acenaphthene

Concen: 1.59 ng/ul

RT: 14.92 min Scan# 2056

Delta R.T. -0.00 min

Lab File: BG025307.D

Acq: 18 Dec 2016 12:34

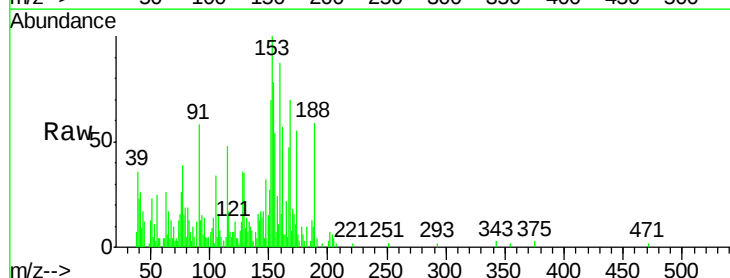
Tgt Ion:153 Resp: 17392

Ion Ratio Lower Upper

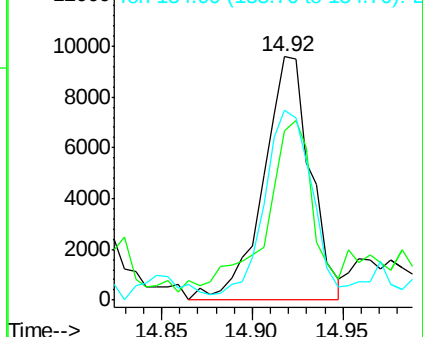
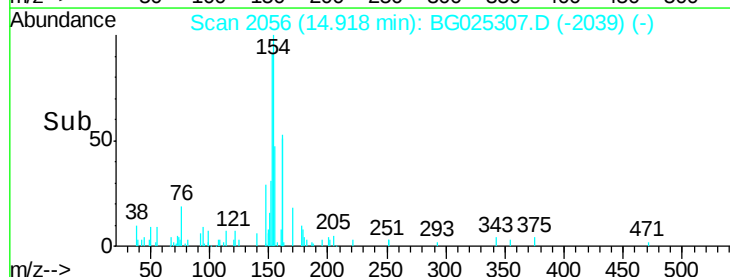
153 100

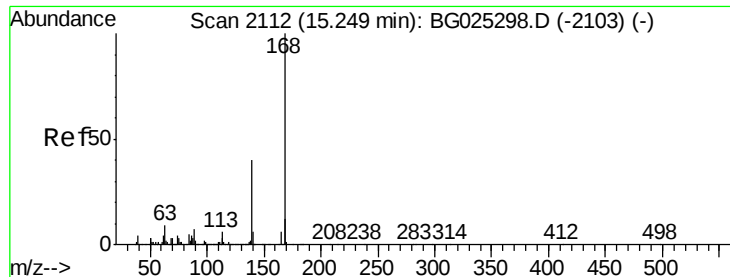
152 69.6 36.5 54.7#

154 77.9 72.3 108.5



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E





#53

Dibenzenofuran

Concen: 2.63 ng/ul

RT: 15.25 min Scan# 2112

Delta R.T. -0.00 min

Lab File: BG025307.D

Acq: 18 Dec 2016 12:34

Instrument :

BNA_G

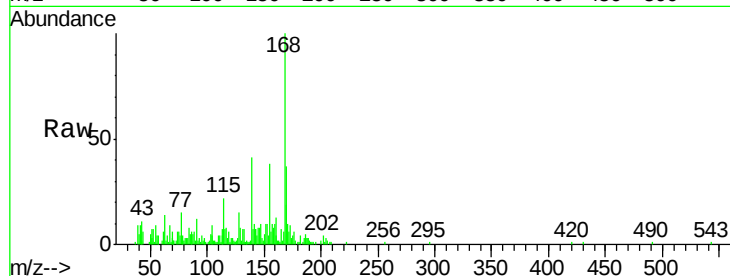
ClientSampleId :

Tot Ion:168 Resp: 45598

Ion Ratio Lower Upper

168 100

139 41.4 33.8 50.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

30000

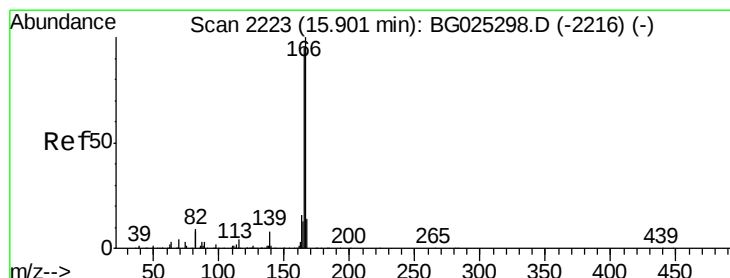
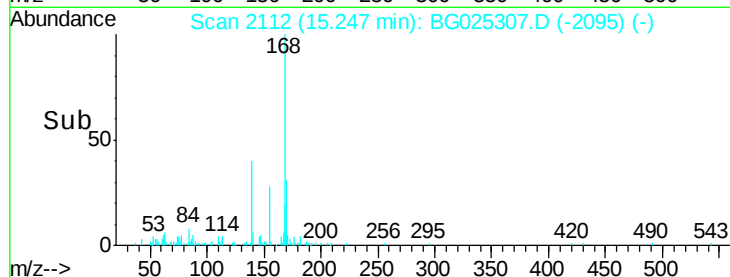
20000

10000

0

15.20 15.25 15.30

Time-->



#58

Fluorene

Concen: 3.38 ng/ul

RT: 15.90 min Scan# 2223

Delta R.T. -0.00 min

Lab File: BG025307.D

Acq: 18 Dec 2016 12:34

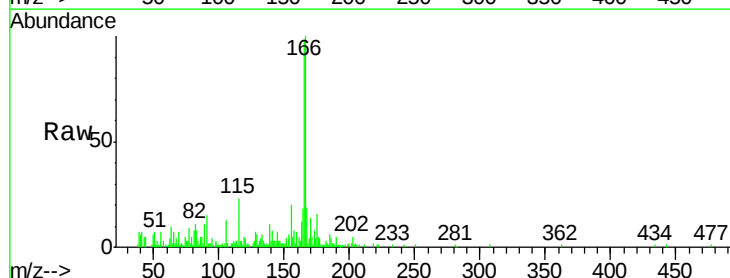
Tgt Ion:166 Resp: 47663

Ion Ratio Lower Upper

166 100

165 98.4 79.7 119.5

167 18.6 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

40000

30000

20000

10000

0

15.85 15.90 15.95

Time-->

