

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
 Data File : BG025198.D
 Acq On : 15 Dec 2016 5:28
 Operator : UM/SJ
 Sample : H5970-08
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA847

Manual Integrations
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 12/15/2016 5:44:54 PM

Quant Time: Dec 15 07:14:22 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 15 04:58:54 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	90424	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	378866	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.87	164	305077	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.61	188	605324	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	768033	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	782797	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.60	96	4292	2.45	ng/uL	0.00
5) Phenol-d5	7.39	99	103617	13.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	72652	15.05	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	77308	14.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	91450	14.03	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	45912	17.11	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	51392	15.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	95068	14.78	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	403093	63.77	ng/ul	0.01
43) Dimethylphthalate-d6	14.27	166	320228	15.26	ng/ul	0.02
46) Acenaphthylene-d8	14.56	160	376220	16.37	ng/ul	0.01
51) 4-Nitrophenol-d4	15.09	143	82915	22.99	ng/ul	0.03
57) Fluorene-d10	15.85	176	353891	17.92	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.99	200	60409	16.14	ng/ul	0.02
70) Anthracene-d10	17.70	188	430832	16.86	ng/ul	0.00
76) Pyrene-d10	19.98	212	515255	16.29	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	520326	16.40	ng/ul	0.00

Target Compounds

						Ovalue
6) Phenol	7.41	94	39599	4.95	ng/ul#	87
24) 2,4-Dimethylphenol	10.22	107	186428m	24.03	ng/ul	
28) Naphthalene	11.12	128	1526835	86.69	ng/ul	98
34) 2-Methylnaphthalene	12.72	142	3159329	227.32	ng/ul	93
40) 1,1'-Biphenyl	13.70	154	772772	41.78	ng/ul	99
44) Dimethylphthalate	14.31	163	226087	10.96	ng/ul	99
49) Acenaphthene	14.93	153	197036	12.87	ng/ul#	85
53) Dibenzofuran	15.26	168	487108	20.12	ng/ul	95
58) Fluorene	15.91	166	516686	26.21	ng/ul#	95
69) Phenanthrene	17.65	178	236560	8.19	ng/ul#	95
71) Anthracene	17.74	178	52199	1.76	ng/ul#	87

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

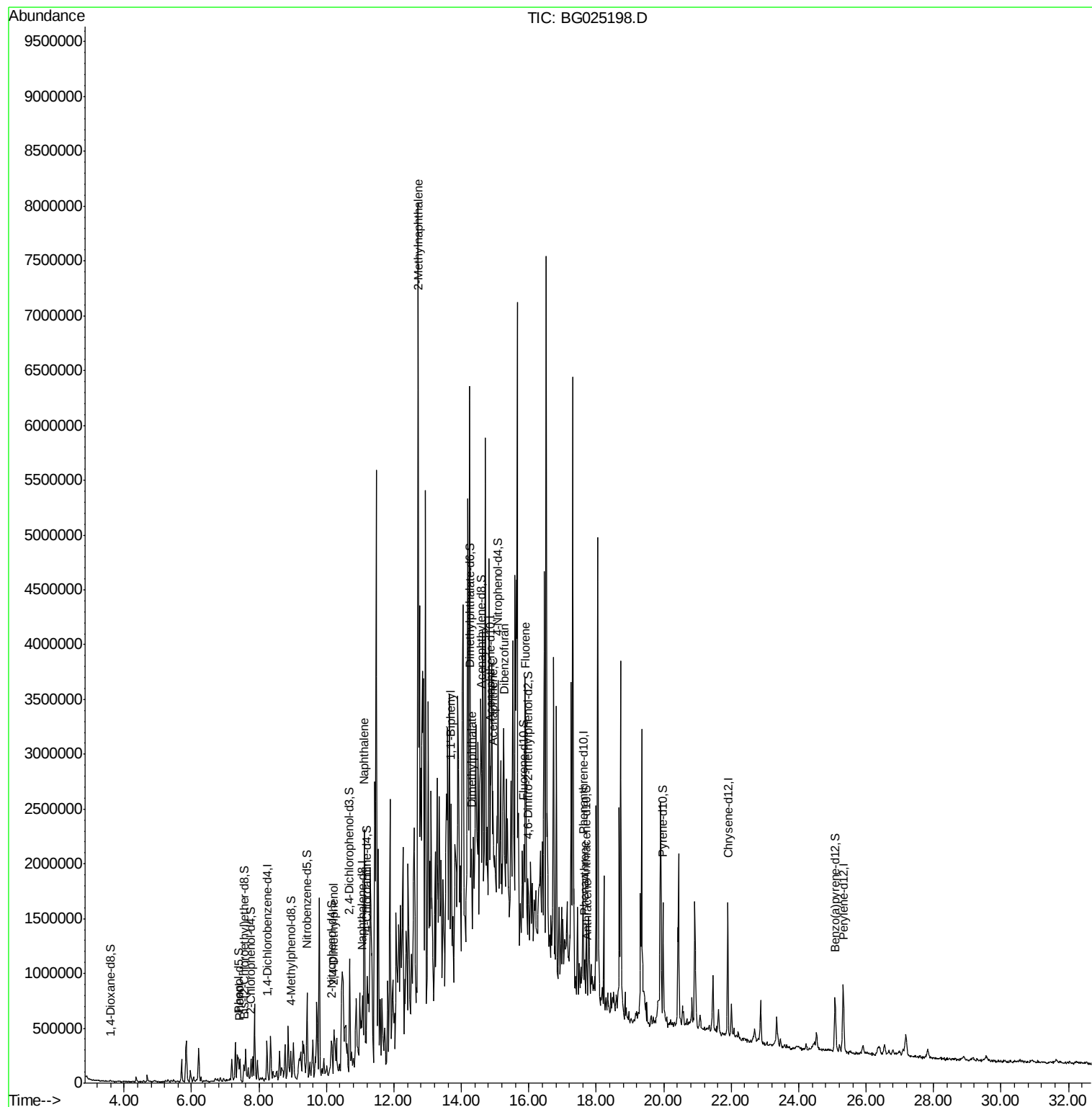
Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
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Acq On : 15 Dec 2016 5:28
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ALS Vial : 29 Sample Multiplier: 1

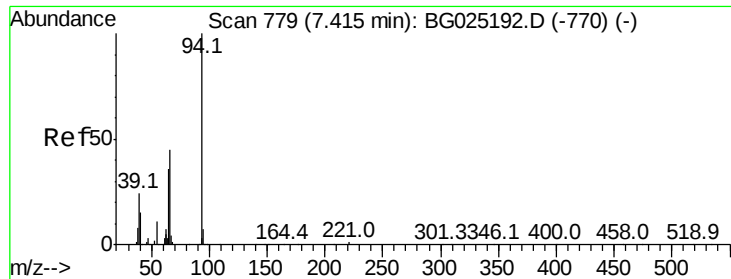
Instrument :
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#6

Phenol

Concen: 4.95 ng/ul

RT: 7.41 min Scan# 779

Delta R.T. -0.00 min

Lab File: BG025198.D

Acq: 15 Dec 2016 5:28

Instrument :

BNA_G

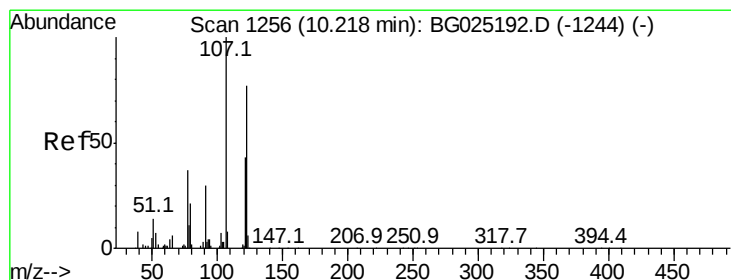
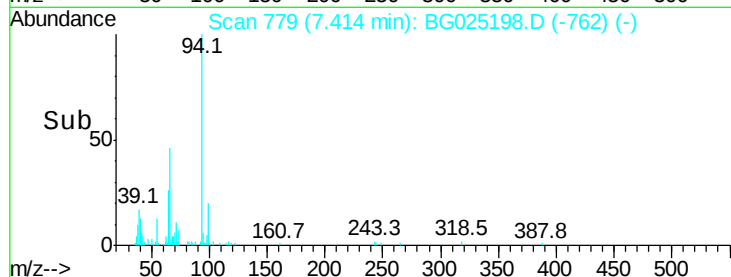
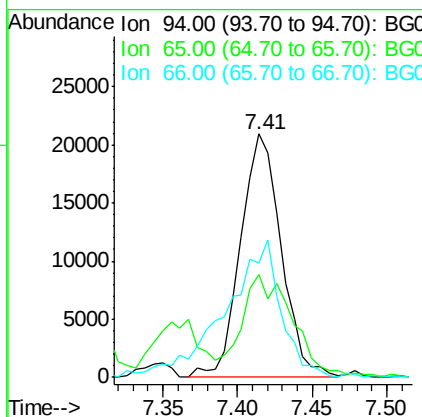
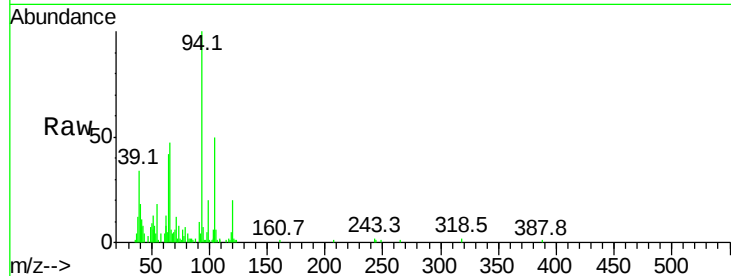
ClientSampleId :

DA847

Tot Ion:	94	Resp:	39599
Ion Ratio	Lower	Upper	
94	100		
65	42.1	26.8	40.2#
66	47.1	44.4	66.6

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#24

2,4-Dimethylphenol

Concen: 24.03 ng/ul m

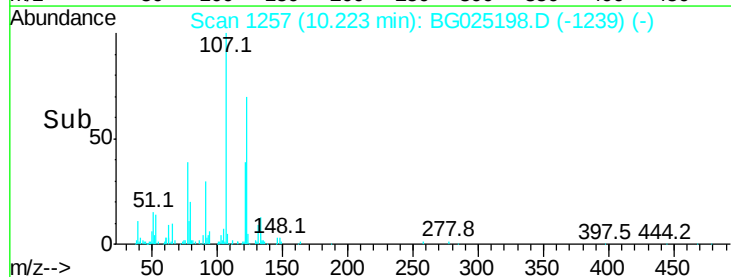
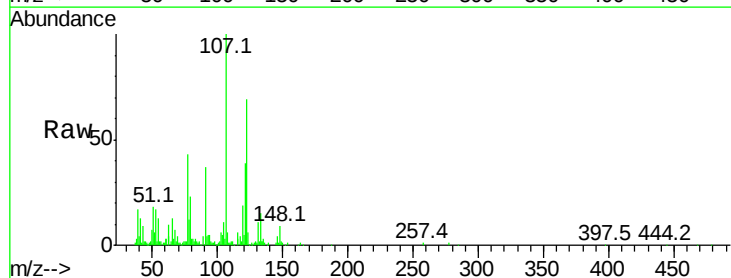
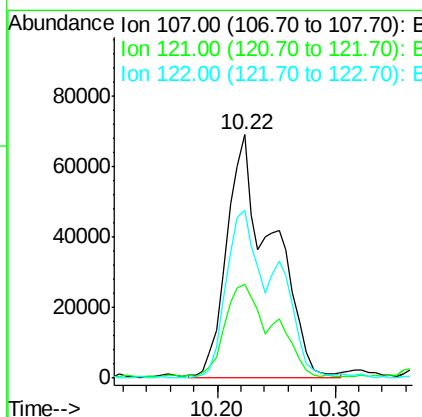
RT: 10.22 min Scan# 1257

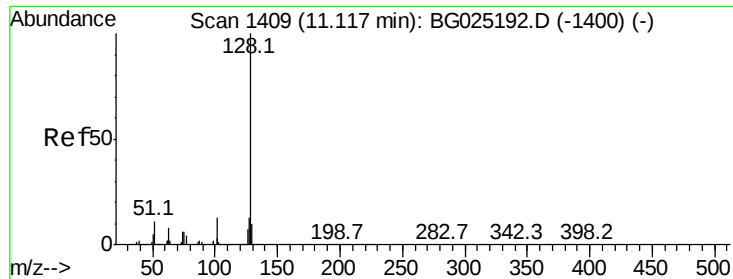
Delta R.T. 0.01 min

Lab File: BG025198.D

Acq: 15 Dec 2016 5:28

Tgt Ion:	107	Resp:	186428
Ion Ratio	Lower	Upper	
107	100		
121	38.8	32.3	48.5
122	69.3	61.2	91.8





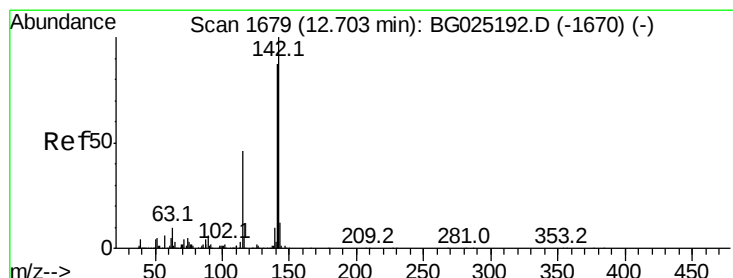
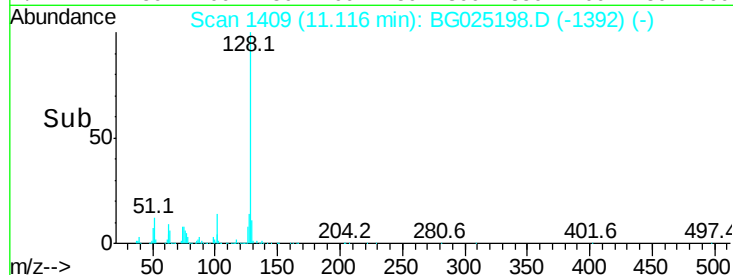
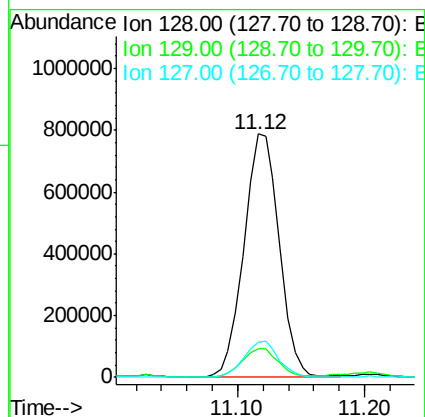
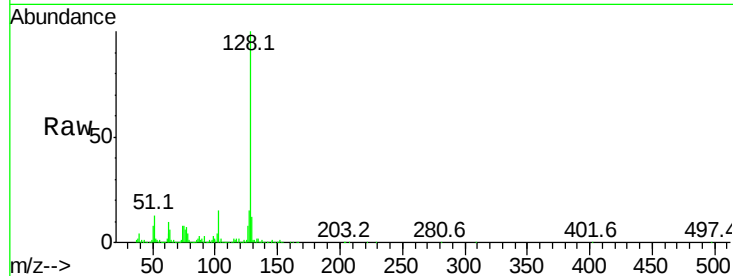
#28
Naphthalene
Concen: 86.69 ng/ul
RT: 11.12 min Scan# 1409
Delta R.T. -0.00 min
Lab File: BG025198.D
Acq: 15 Dec 2016 5:28

Instrument :
BNA_G
ClientSampleId :
DA847

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.4	14.2
127	14.5	10.3	15.5

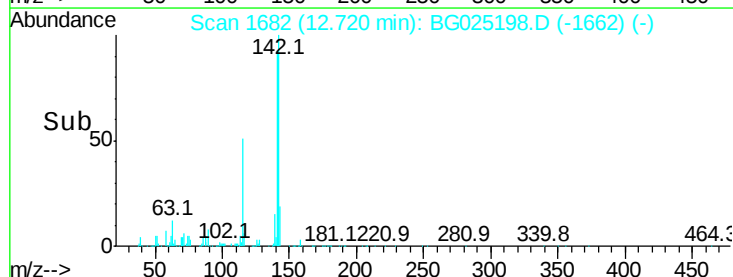
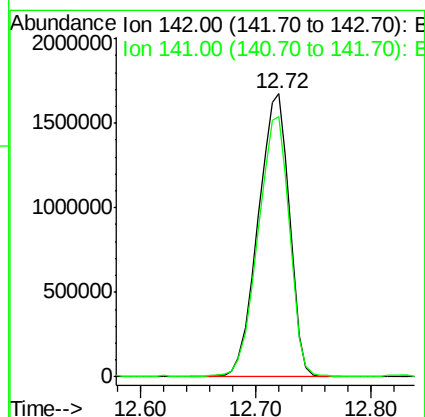
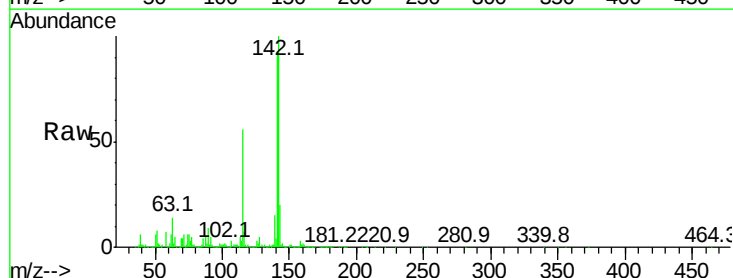
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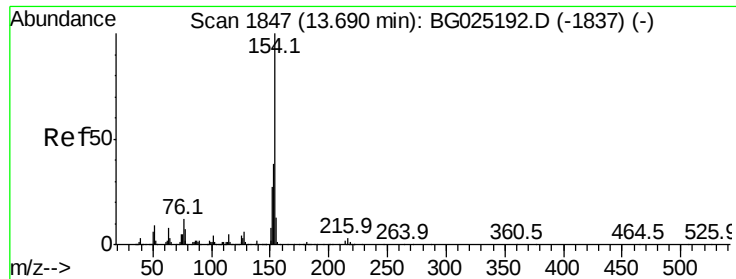
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#34
2-Methylnaphthalene
Concen: 227.32 ng/ul
RT: 12.72 min Scan# 1682
Delta R.T. 0.02 min
Lab File: BG025198.D
Acq: 15 Dec 2016 5:28

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	68.6	102.8





#40

1,1'-Biphenyl

Concen: 41.78 ng/ul

RT: 13.70 min Scan# 1849

Delta R.T. 0.01 min

Lab File: BG025198.D

Acq: 15 Dec 2016 5:28

Instrument :

BNA_G

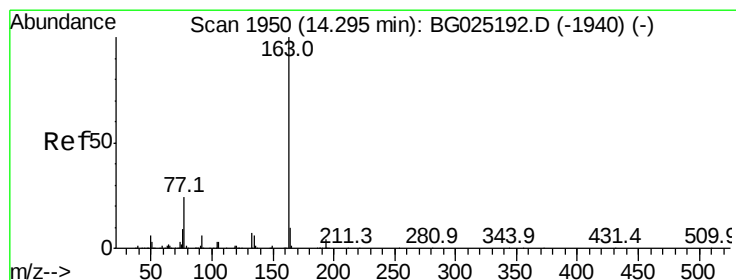
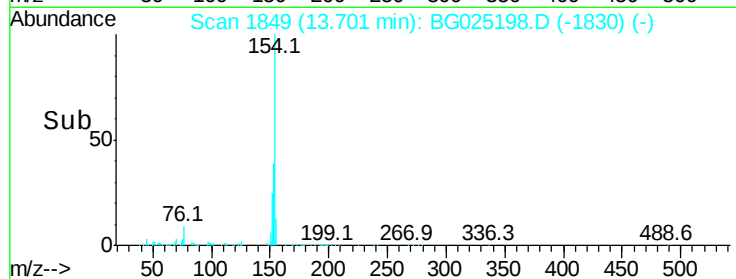
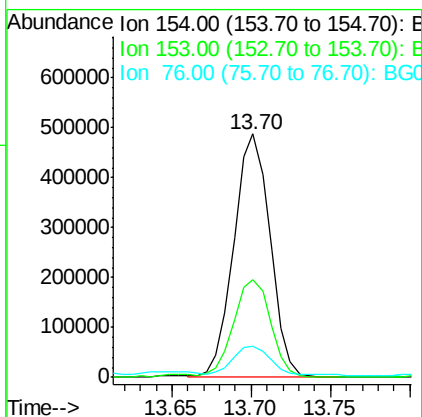
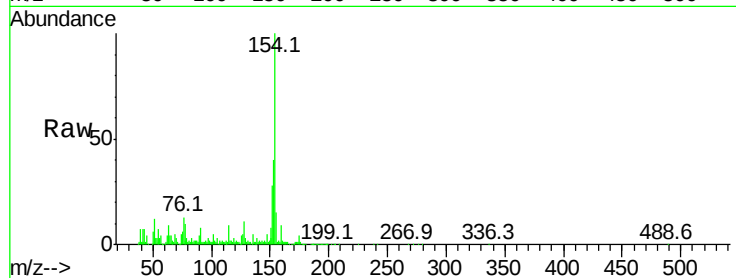
ClientSampleId :

DA847

Tot Ion:	154	Resp:	772772
Ion Ratio	Lower	Upper	
154	100		
153	39.9	32.2	48.2
76	12.7	9.6	14.4

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#44

Dimethylphthalate

Concen: 10.96 ng/ul

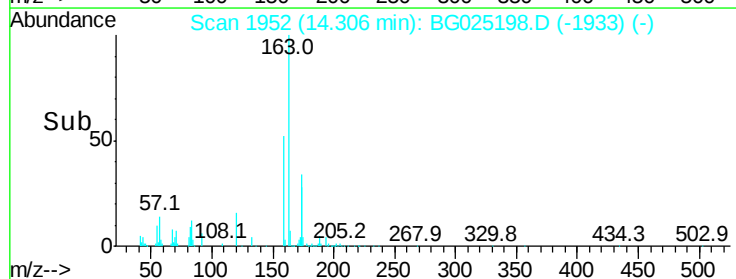
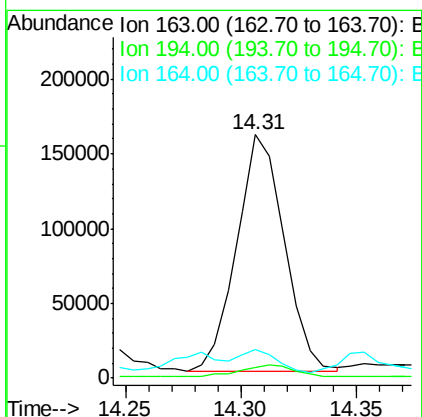
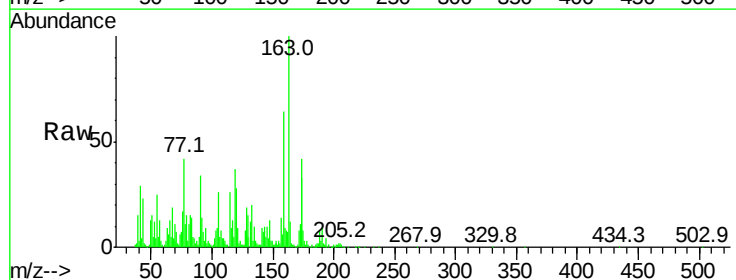
RT: 14.31 min Scan# 1952

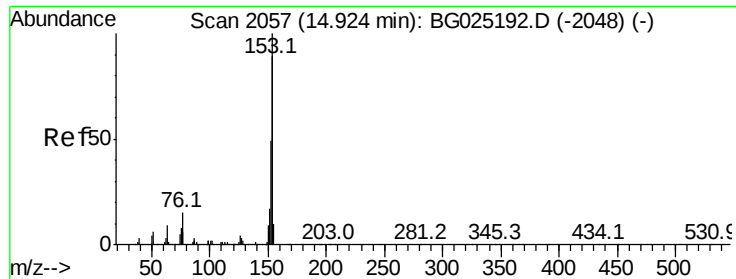
Delta R.T. 0.01 min

Lab File: BG025198.D

Acq: 15 Dec 2016 5:28

Tgt Ion:	163	Resp:	226087
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.4	5.0
164	11.5	9.0	13.4





#49

Acenaphthene

Concen: 12.87 ng/ul

RT: 14.93 min Scan# 2058

Delta R.T. 0.01 min

Lab File: BG025198.D

Acq: 15 Dec 2016 5:28

Instrument :

BNA_G

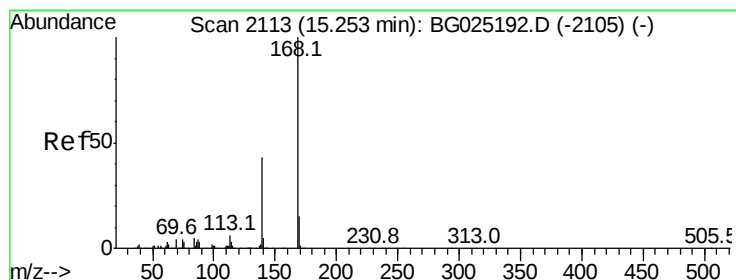
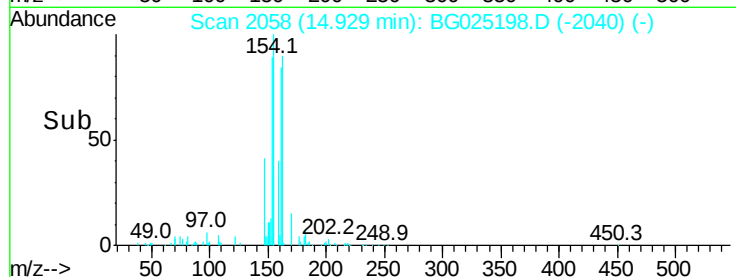
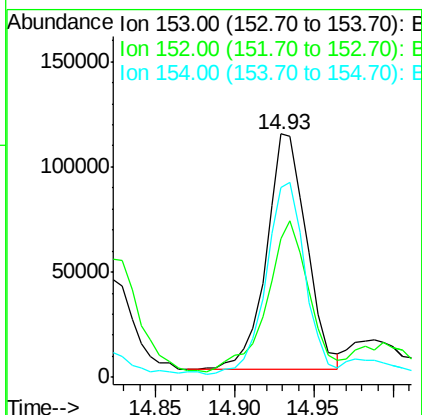
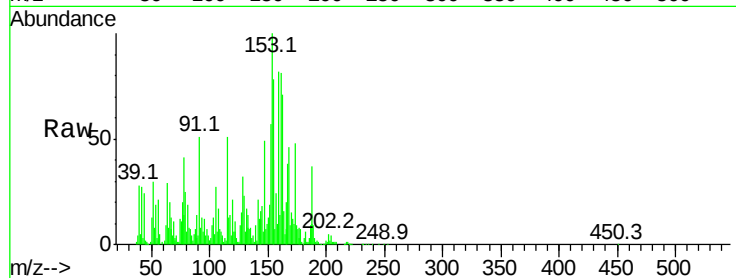
ClientSampleId :

DA847

Tot Ion	Ratio	Lower	Upper
153	100		
152	57.1	36.5	54.7#
154	77.8	72.3	108.5

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#53

Dibenzofuran

Concen: 20.12 ng/ul

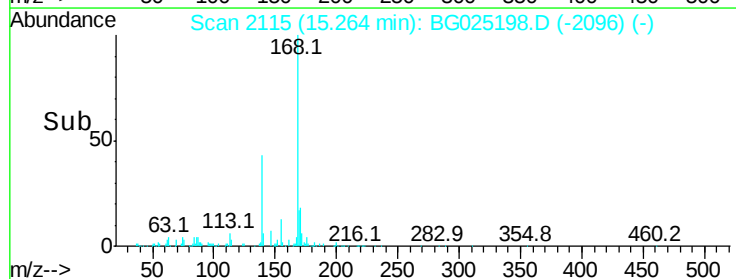
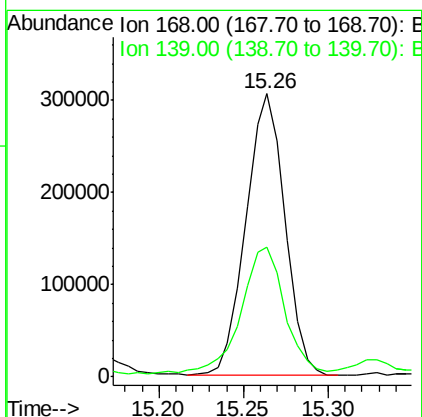
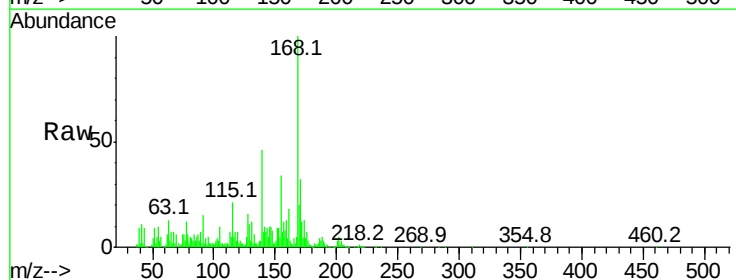
RT: 15.26 min Scan# 2115

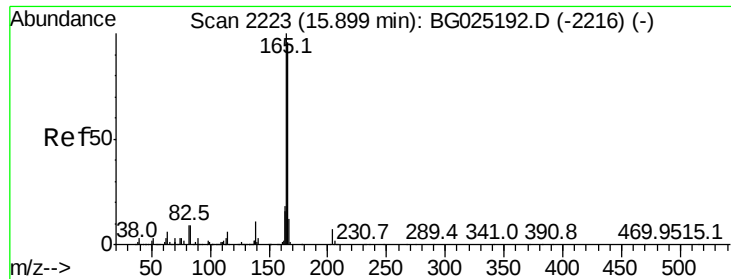
Delta R.T. 0.01 min

Lab File: BG025198.D

Acq: 15 Dec 2016 5:28

Tgt Ion	Ratio	Lower	Upper
168	100		
139	45.7	33.8	50.8





#58

Fluorene

Concen: 26.21 ng/ul

RT: 15.91 min Scan# 2225

Delta R.T. 0.01 min

Lab File: BG025198.D

Acq: 15 Dec 2016 5:28

Instrument :

BNA_G

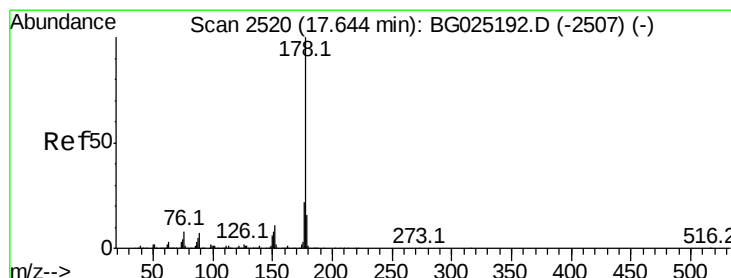
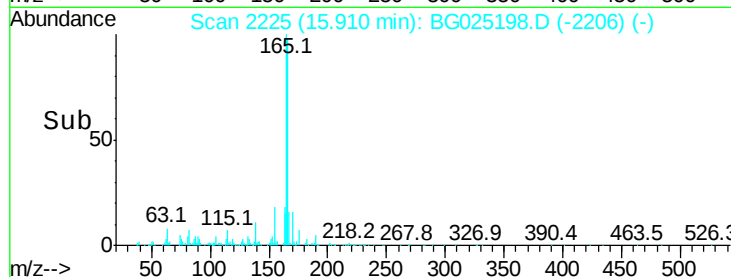
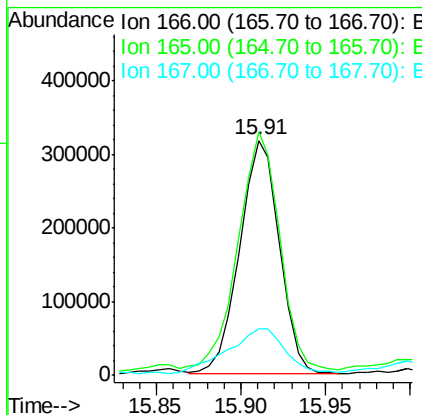
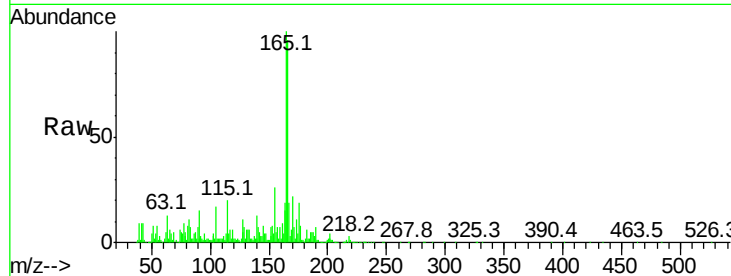
ClientSampleId :

DA847

Tot Ion	Ratio	Lower	Upper
166	100		
165	103.7	79.7	119.5
167	19.8	11.4	17.2

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#69

Phenanthrene

Concen: 8.19 ng/ul

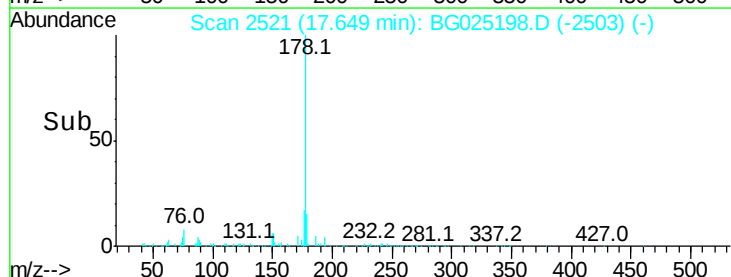
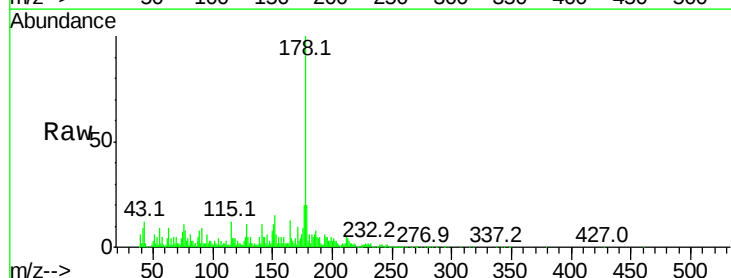
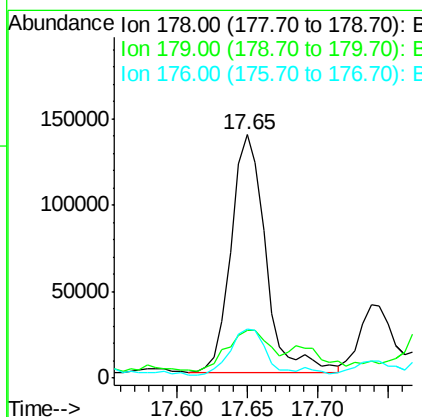
RT: 17.65 min Scan# 2521

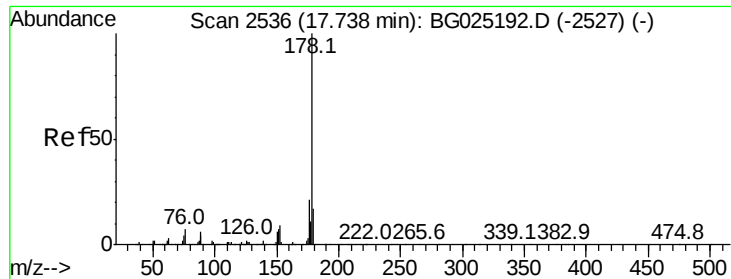
Delta R.T. 0.01 min

Lab File: BG025198.D

Acq: 15 Dec 2016 5:28

Tgt Ion	Ratio	Lower	Upper
178	100		
179	19.6	12.4	18.6
176	20.0	16.5	24.7





#71
 Anthracene
 Concen: 1.76 ng/ul
 RT: 17.74 min Scan# 2536
 Delta R.T. -0.00 min
 Lab File: BG025198.D
 Acq: 15 Dec 2016 5:28

Instrument :
 BNA_G
 ClientSampleId :
 DA847

Tot Ion	Ratio	Lower	Upper
178	100		
179	23.2	12.6	19.0#
176	23.9	15.9	23.9#

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