

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080917\
 Data File : BG028253.D
 Acq On : 10 Aug 2017 8:58
 Operator : SJ/JU
 Sample : I4455-17
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AE9

Manual Integrations
 APPROVED

Sohil
 8/10/2017 6:51:56 PM

Quant Time: Aug 10 18:44:12 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 10 07:27:12 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.35	152	34675	20.00	ng/ul	0.00
18) Naphthalene-d8	11.17	136	174637	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.96	164	130417	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	306629m	20.00	ng/ul	0.00
75) Chrysene-d12	22.04	240	348400	20.00	ng/ul	0.00
83) Perylene-d12	25.54	264	336822	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.84	96	2680	3.60	ng/uL	0.00
5) Phenol-d5	7.50	99	73942	19.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.67	67	48369	20.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.89	132	52980	22.05	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	63858	20.06	ng/ul	0.00
19) Nitrobenzene-d5	9.52	128	28758	21.06	ng/ul	0.00
22) 2-Nitrophenol-d4	10.25	143	33835	22.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.79	165	64587	20.85	ng/ul	0.00
29) 4-Chloroaniline-d4	11.31	131	45888	13.31	ng/ul	0.00
43) Dimethylphthalate-d6	14.35	166	242162	20.88	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	270182	20.66	ng/ul	0.00
51) 4-Nitrophenol-d4	15.16	143	31276	16.96	ng/ul	0.01
57) Fluorene-d10	15.95	176	205803	19.78	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	40137m	20.15	ng/ul	0.00
70) Anthracene-d10	17.81	188	335953m	22.85	ng/ul	0.00
76) Pyrene-d10	20.08	212	370785	20.75	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.30	264	349074	22.14	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.52	94	9495	2.509	ng/ul#	83
28) Naphthalene	11.23	128	15407	1.781	ng/ul	95
34) 2-Methylnaphthalene	12.80	142	33919	4.882	ng/ul	99
44) Dimethylphthalate	14.39	163	97660	9.144	ng/ul	98
53) Dibenzofuran	15.35	168	15307	1.245	ng/ul	98
58) Fluorene	16.00	166	22826	2.097	ng/ul#	92
69) Phenanthrene	17.75	178	28649m	1.857	ng/ul	

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

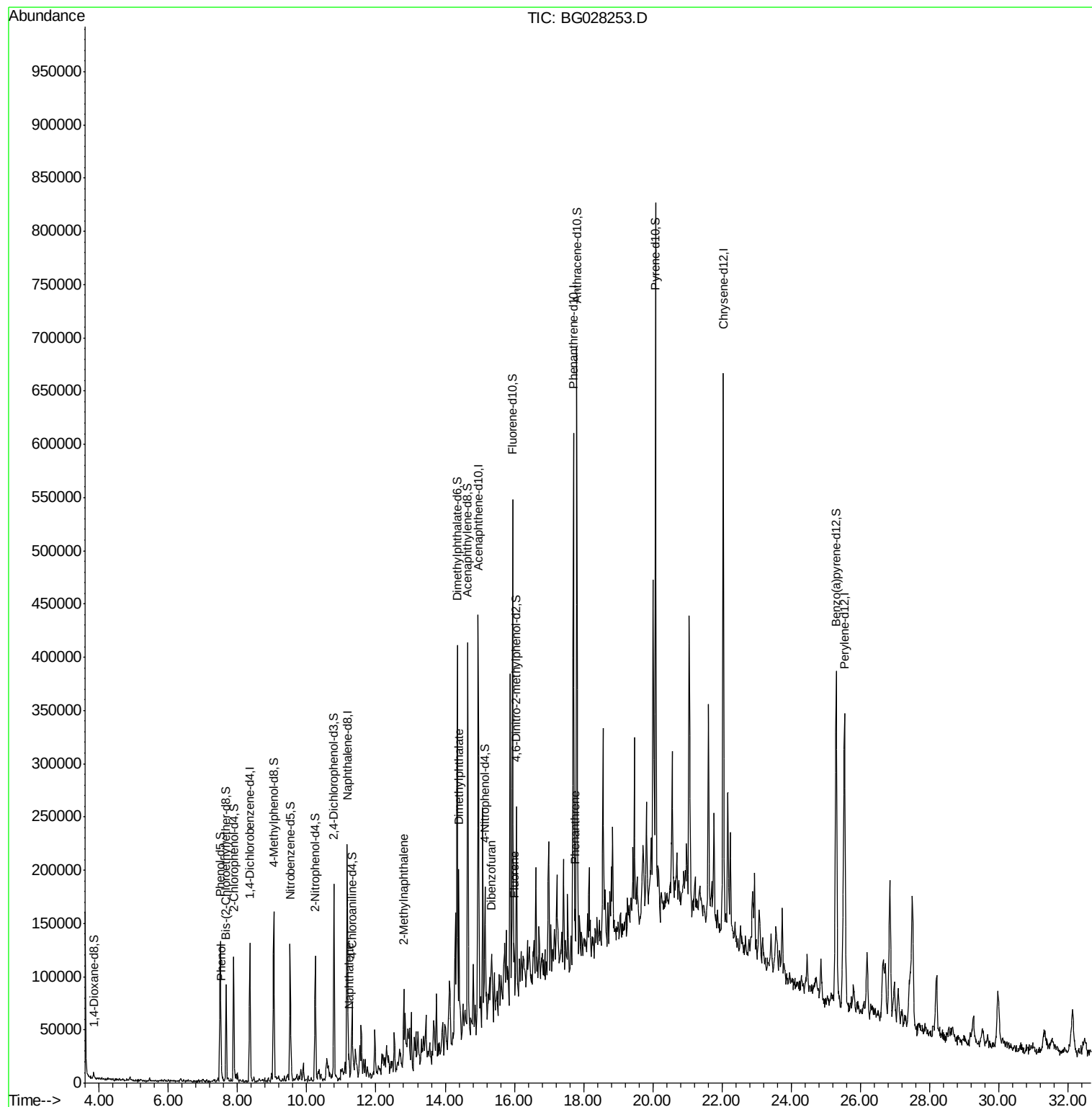
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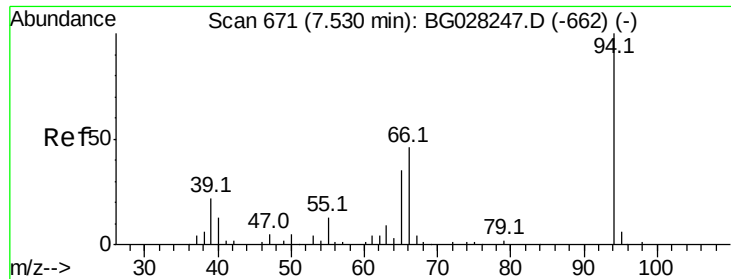
Instrument :
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Response via : Initial Calibration





#6

Phenol

Concen: 2.509 ng/ul

RT: 7.52 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG028253.D

Acq: 10 Aug 2017 8:58

Instrument :

BNA_G

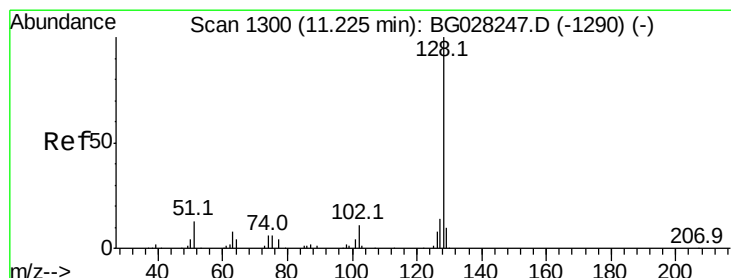
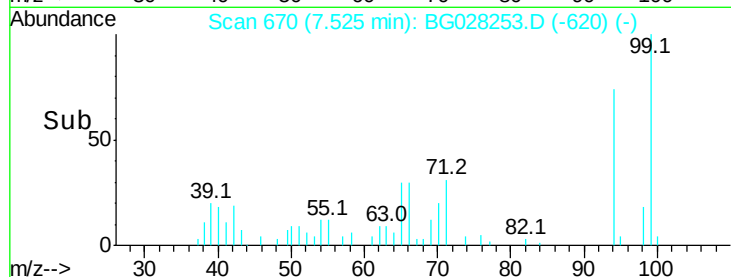
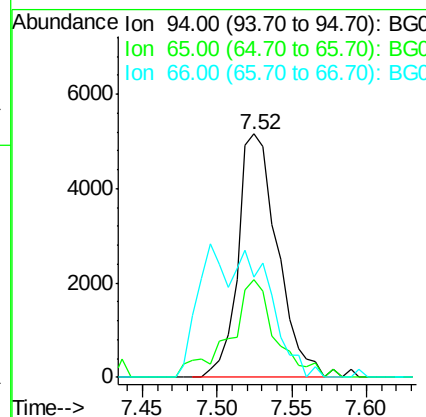
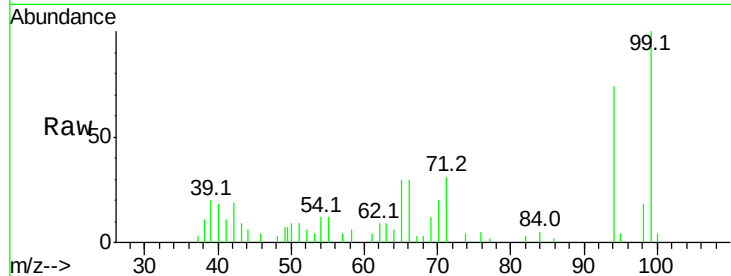
ClientSampled :

C0AE9

Tot Ion:	94	Resp:	9495
Ion Ratio	Lower	Upper	
94	100		
65	40.3	26.8	40.2#
66	41.1	44.4	66.6#

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#28

Naphthalene

Concen: 1.781 ng/ul

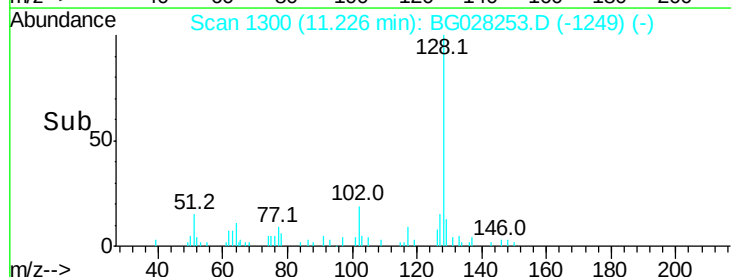
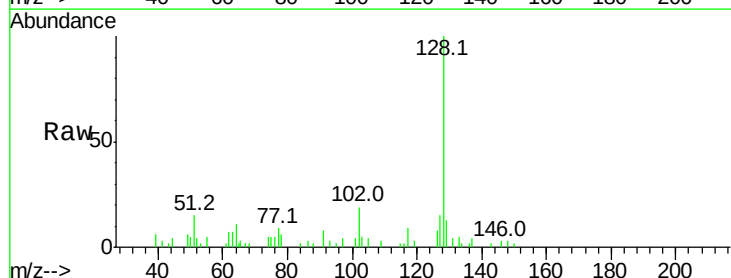
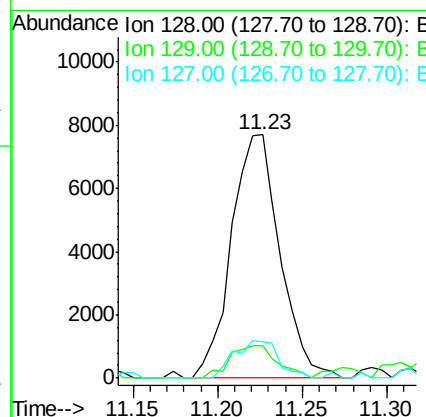
RT: 11.23 min Scan# 1300

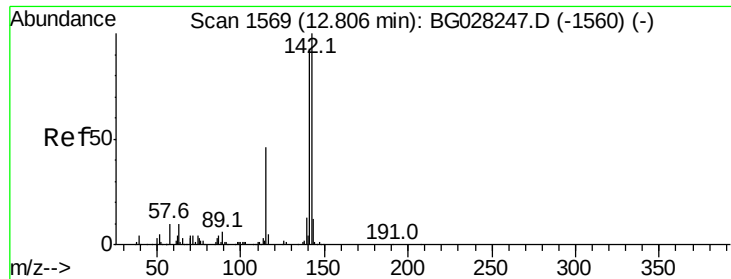
Delta R.T. 0.00 min

Lab File: BG028253.D

Acq: 10 Aug 2017 8:58

Tgt Ion:	128	Resp:	15407
Ion Ratio	Lower	Upper	
128	100		
129	13.4	9.4	14.2
127	14.8	10.3	15.5





#34

2-Methylnaphthalene

Concen: 4.882 ng/ul

RT: 12.80 min Scan# 1568

Delta R.T. -0.00 min

Lab File: BG028253.D

Acq: 10 Aug 2017 8:58

Instrument :

BNA_G

ClientSampleId :

C0AE9

Tot Ion:142 Resp: 33919

Ion Ratio Lower Upper

142 100

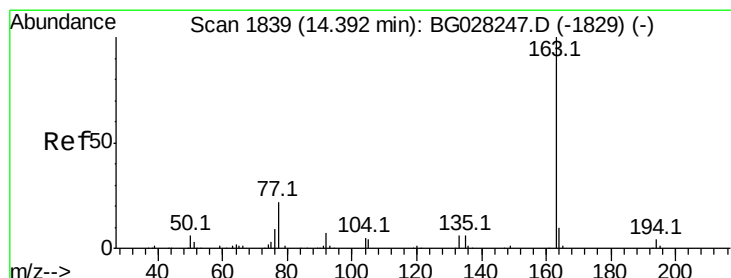
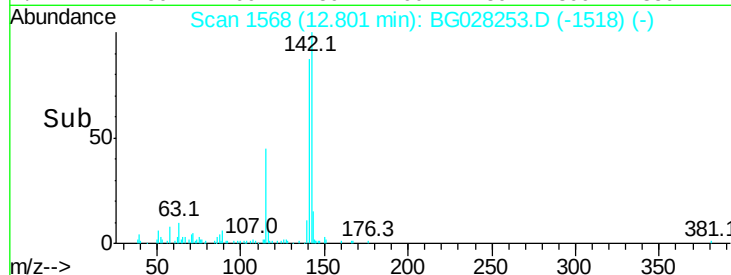
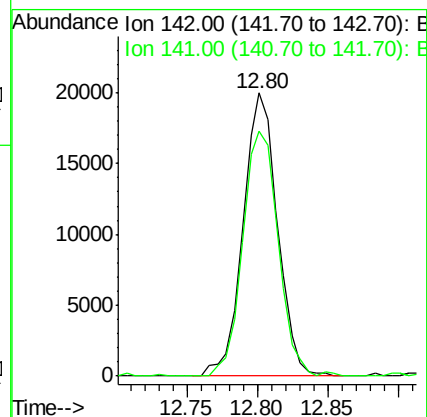
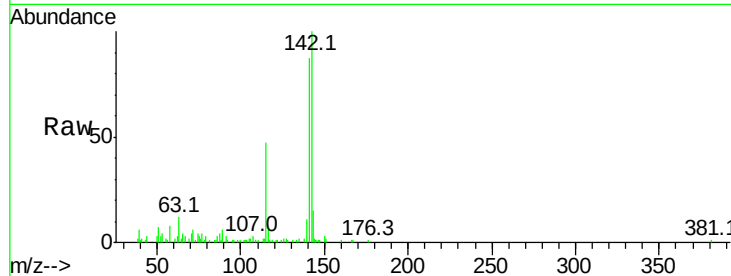
141 86.6 68.6 102.8

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#44

Dimethylphthalate

Concen: 9.144 ng/ul

RT: 14.39 min Scan# 1839

Delta R.T. 0.00 min

Lab File: BG028253.D

Acq: 10 Aug 2017 8:58

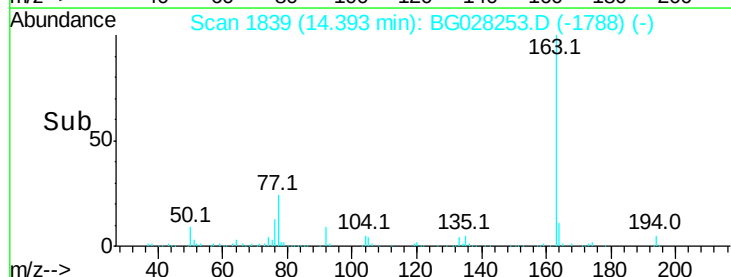
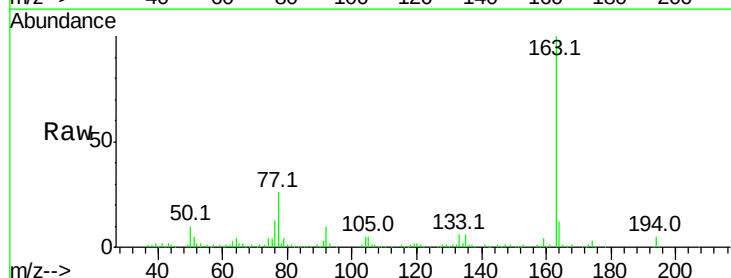
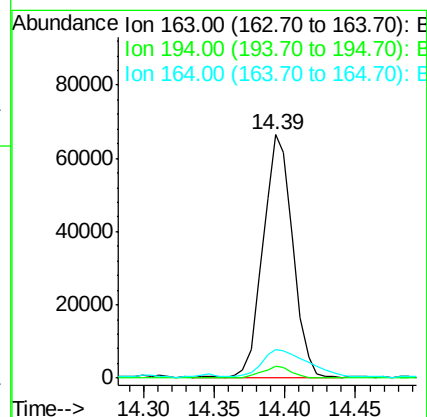
Tgt Ion:163 Resp: 97660

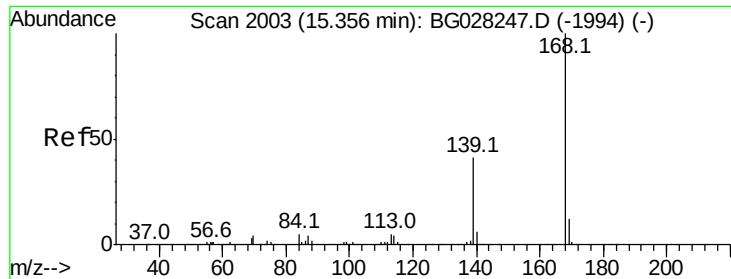
Ion Ratio Lower Upper

163 100

194 4.9 3.4 5.0

164 11.8 9.0 13.4





#53

Dibenzofuran

Concen: 1.245 ng/ul

RT: 15.35 min Scan# 2002

Delta R.T. -0.00 min

Lab File: BG028253.D

Acq: 10 Aug 2017 8:58

Instrument :

BNA_G

ClientSampled :

C0AE9

Tot Ion:168 Resp: 15307

Ion Ratio Lower Upper

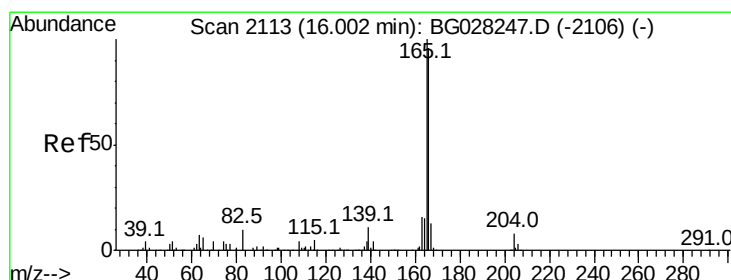
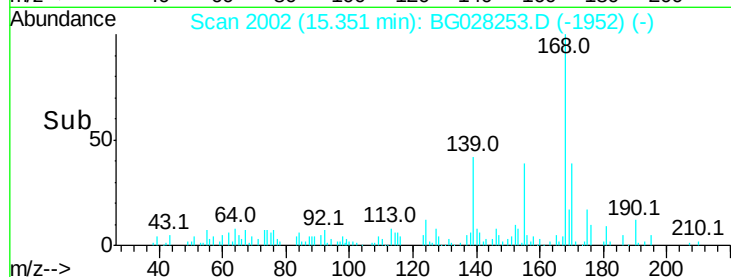
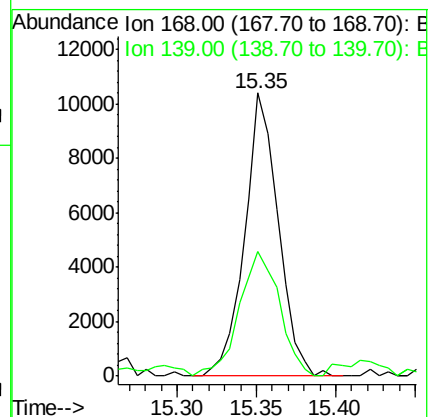
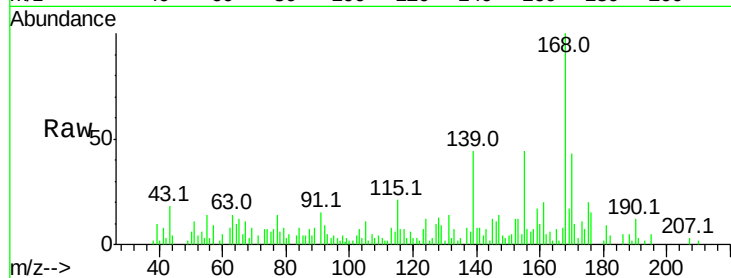
168 100

139 43.9 33.8 50.8

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#58

Fluorene

Concen: 2.097 ng/ul

RT: 16.00 min Scan# 2112

Delta R.T. -0.00 min

Lab File: BG028253.D

Acq: 10 Aug 2017 8:58

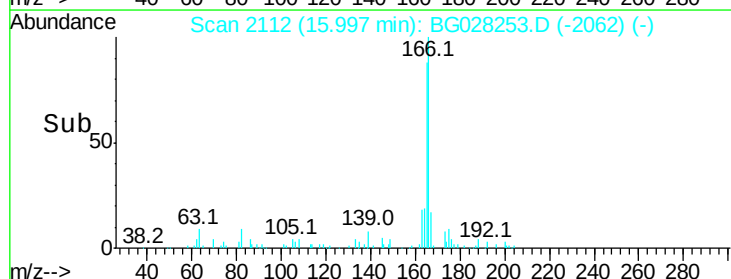
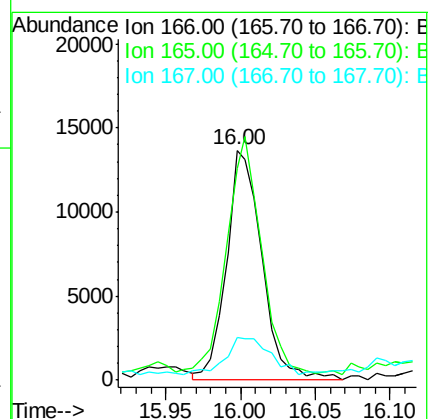
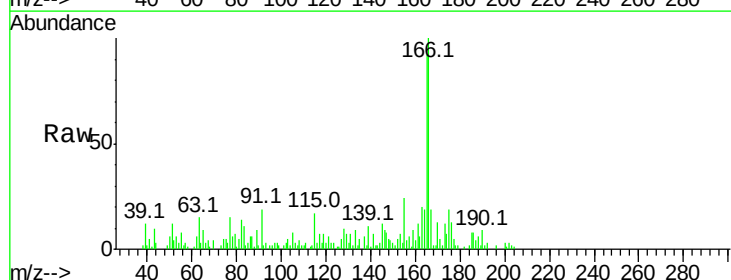
Tgt Ion:166 Resp: 22826

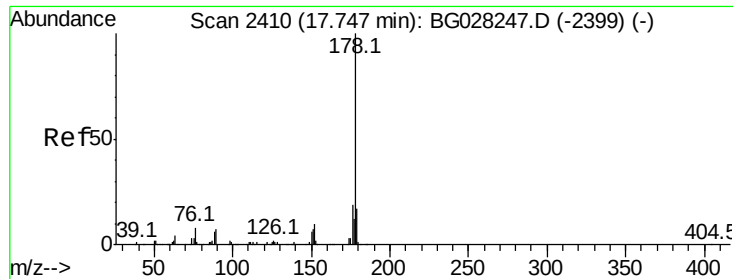
Ion Ratio Lower Upper

166 100

165 92.3 79.7 119.5

167 18.8 11.4 17.2#





#69

Phenanthrene

Concen: 1.857 ng/ul m

RT: 17.75 min Scan# 2410

Delta R.T. 0.00 min

Lab File: BG028253.D

Acq: 10 Aug 2017 8:58

Instrument :

BNA_G

ClientSampleId :

C0AE9

Tot Ion	Ratio	Lower	Upper
178	100		
179	21.9	12.4	18.6#
176	24.3	16.5	24.7

Manual Integrations
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8/10/2017 6:51:56 PM

