

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081117\
 Data File : BG028304.D
 Acq On : 12 Aug 2017 00:13
 Operator : SJ/JU
 Sample : I4529-20
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AC1

Quant Time: Aug 12 01:11:26 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 11 22:57:36 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	52225	20.00	ng/ul	0.00
18) Naphthalene-d8	11.18	136	241732	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.96	164	164293	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	351780	20.00	ng/ul	0.00
75) Chrysene-d12	22.05	240	386918	20.00	ng/ul	0.01
83) Perylene-d12	25.56	264	384482	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.84	96	4110	3.66	ng/uL	0.00
5) Phenol-d5	7.51	99	109159	19.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.67	67	67742	18.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.89	132	78872	21.80	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	96593	20.15	ng/ul	0.00
19) Nitrobenzene-d5	9.52	128	41691	22.06	ng/ul	0.00
22) 2-Nitrophenol-d4	10.24	143	50215	24.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.80	165	95206	22.20	ng/ul	0.00
29) 4-Chloroaniline-d4	11.31	131	40892	8.57	ng/ul	0.01
43) Dimethylphthalate-d6	14.35	166	325547	22.28	ng/ul	0.00
46) Acenaphthylene-d8	14.66	160	360416	21.88	ng/ul	0.00
51) 4-Nitrophenol-d4	15.17	143	44087	18.97	ng/ul	0.02
57) Fluorene-d10	15.96	176	277713	21.18	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	55052	24.09	ng/ul	0.01
70) Anthracene-d10	17.81	188	432393	25.63	ng/ul	0.00
76) Pyrene-d10	20.09	212	476765	24.03	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.32	264	445991	24.78	ng/ul	0.02

Target Compounds

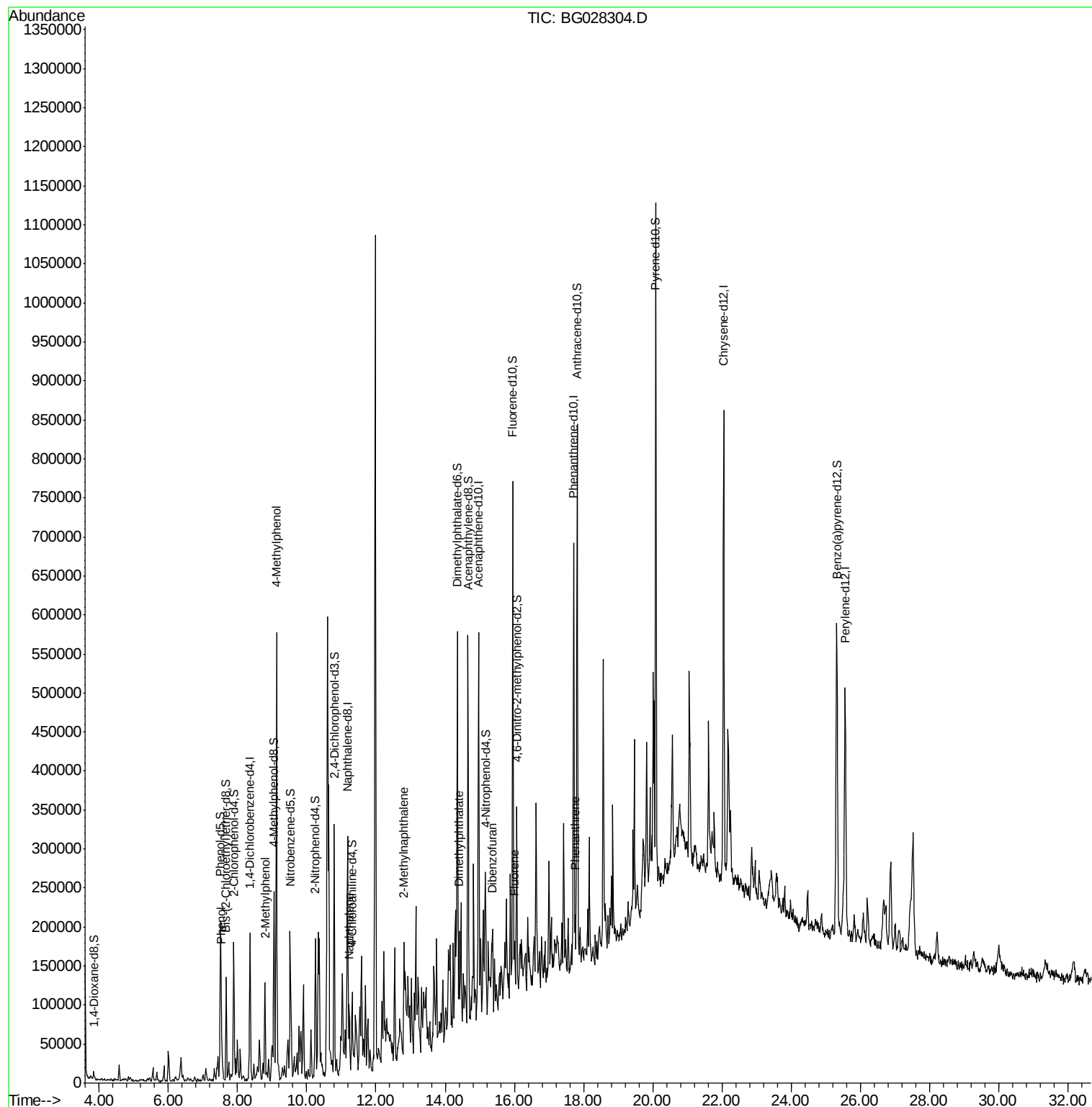
					Qvalue	
6) Phenol	7.53	94	37081	6.505	ng/ul	95
11) 2-Methylphenol	8.79	108	40271	10.009	ng/ul	98
16) 4-Methylphenol	9.12	108	209251	46.058	ng/ul	91
28) Naphthalene	11.23	128	55613	4.645	ng/ul	100
34) 2-Methylnaphthalene	12.81	142	60061	6.246	ng/ul	90
44) Dimethylphthalate	14.40	163	68655	5.103	ng/ul#	93
53) Dibenzofuran	15.36	168	18201	1.175	ng/ul	92
58) Fluorene	16.01	166	29323	2.138	ng/ul	93
69) Phenanthrene	17.75	178	31745	1.793	ng/ul#	86

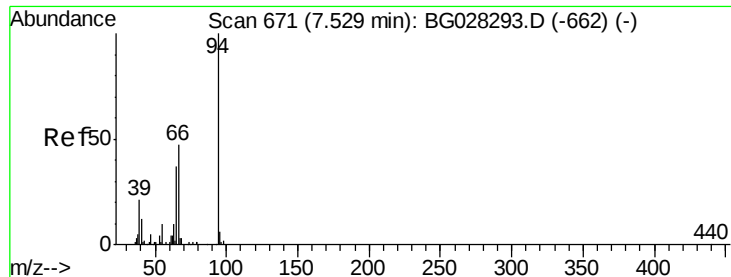
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 6.505 ng/ul

RT: 7.53 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG028304.D

Acq: 12 Aug 2017 00:13

Instrument :

BNA_G

ClientSampleId :

C0AC1

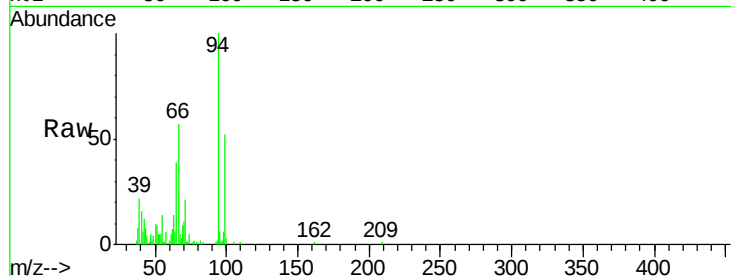
Tgt Ion: 94 Resp: 37081

Ion Ratio Lower Upper

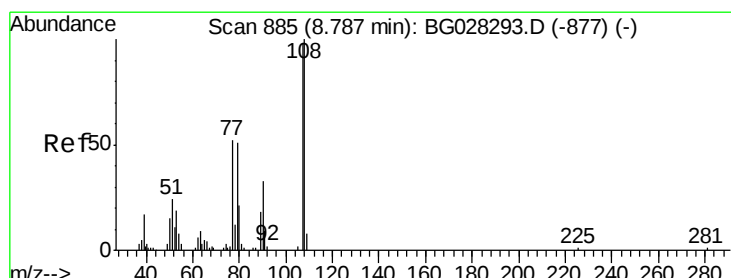
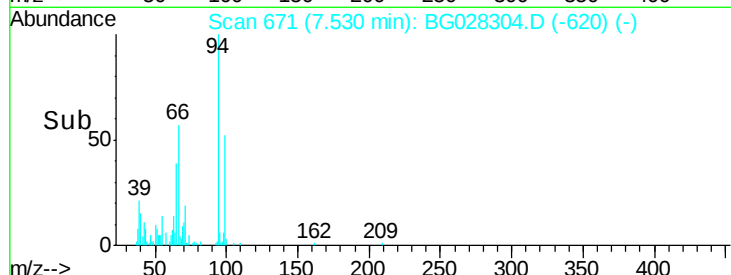
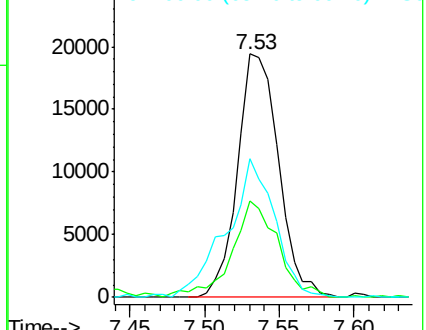
94 100

65 39.4 26.8 40.2

66 56.9 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: 10.009 ng/ul

RT: 8.79 min Scan# 886

Delta R.T. 0.01 min

Lab File: BG028304.D

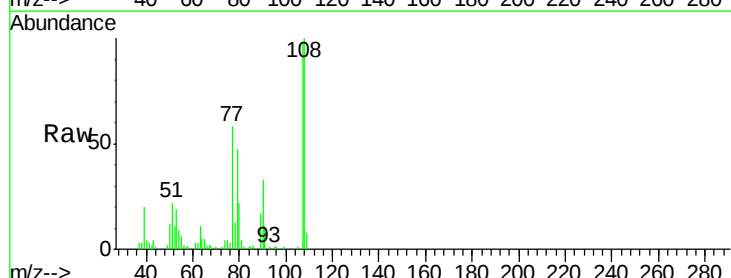
Acq: 12 Aug 2017 00:13

Tgt Ion: 108 Resp: 40271

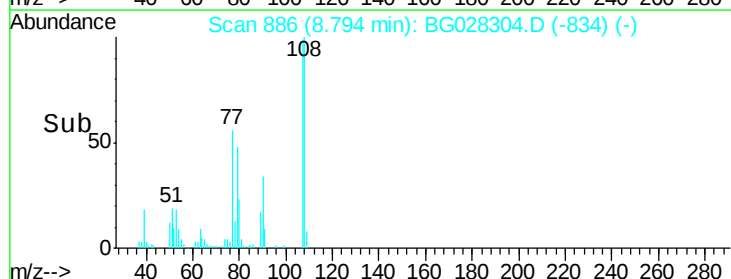
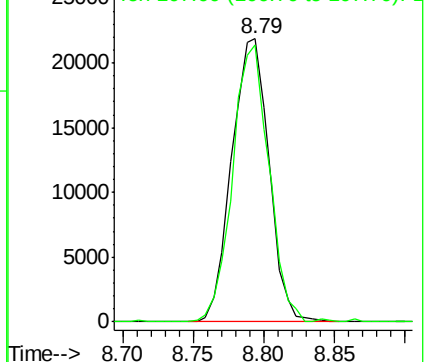
Ion Ratio Lower Upper

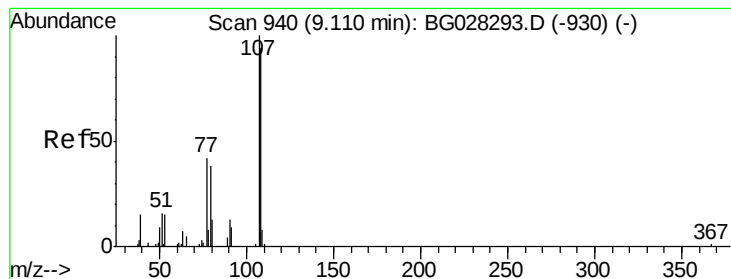
108 100

107 97.7 76.7 115.1



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





#16

4-Methylphenol

Concen: 46.058 ng/ul

RT: 9.12 min Scan# 942

Delta R.T. 0.01 min

Lab File: BG028304.D

Acq: 12 Aug 2017 00:13

Instrument :

BNA_G

ClientSampleId :

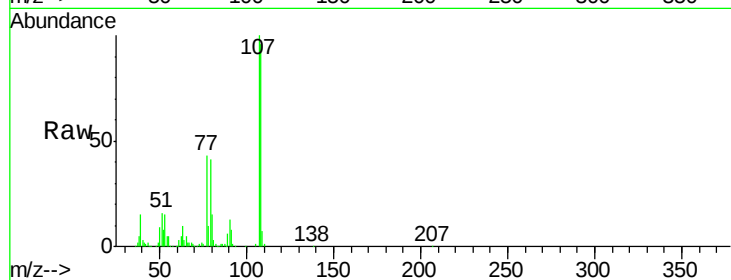
C0AC1

Tgt Ion:108 Resp: 209251

Ion Ratio Lower Upper

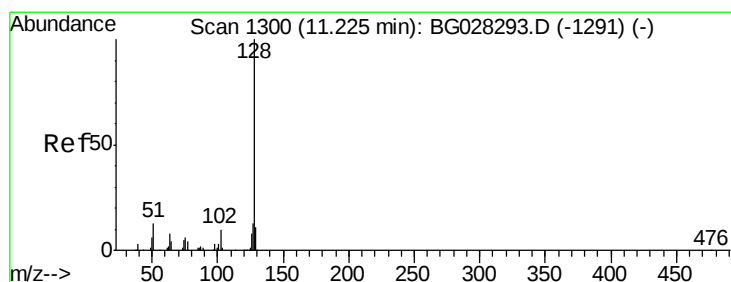
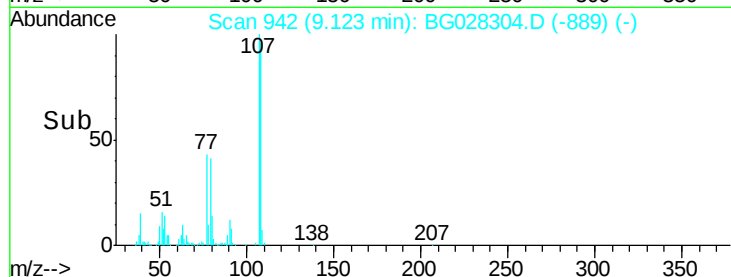
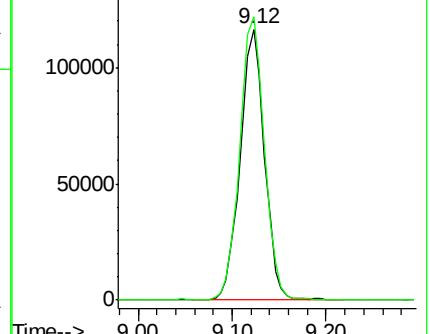
108 100

107 104.5 91.7 137.5



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



#28

Naphthalene

Concen: 4.645 ng/ul

RT: 11.23 min Scan# 1301

Delta R.T. 0.01 min

Lab File: BG028304.D

Acq: 12 Aug 2017 00:13

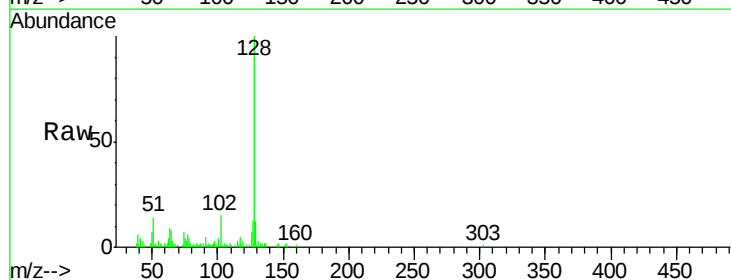
Tgt Ion:128 Resp: 55613

Ion Ratio Lower Upper

128 100

129 11.9 9.4 14.2

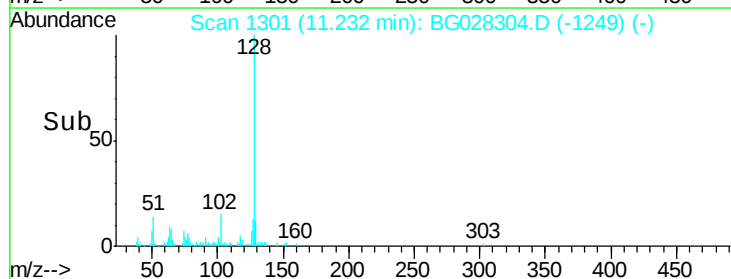
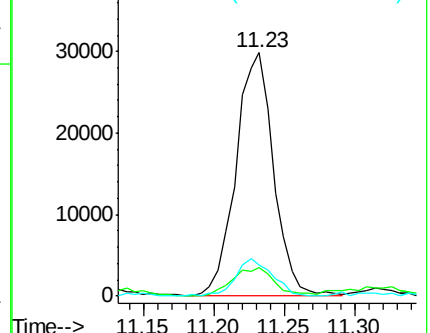
127 13.0 10.3 15.5

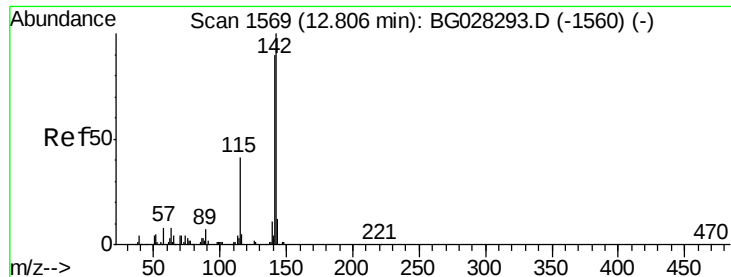


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

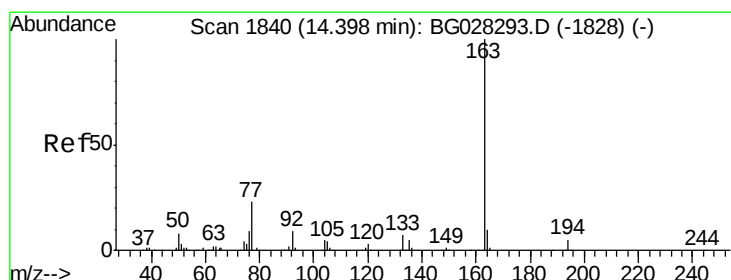
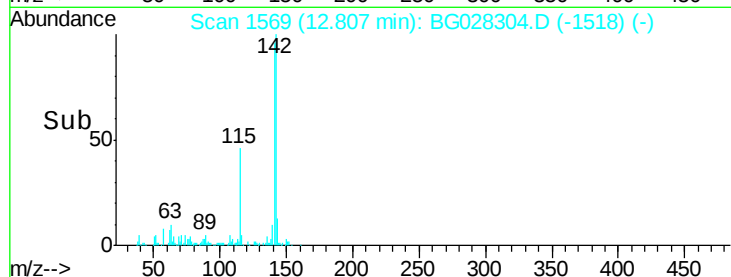
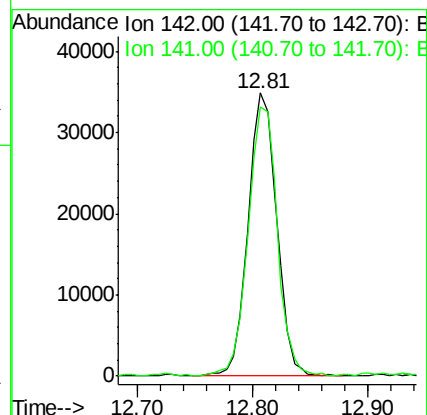
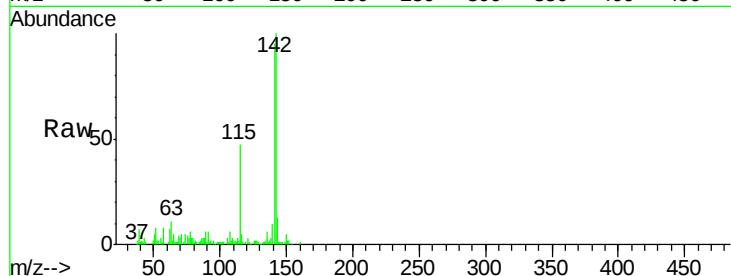




#34
 2-Methylnaphthalene
 Concen: 6.246 ng/ul
 RT: 12.81 min Scan# 1569
 Delta R.T. 0.00 min
 Lab File: BG028304.D
 Acq: 12 Aug 2017 00:13

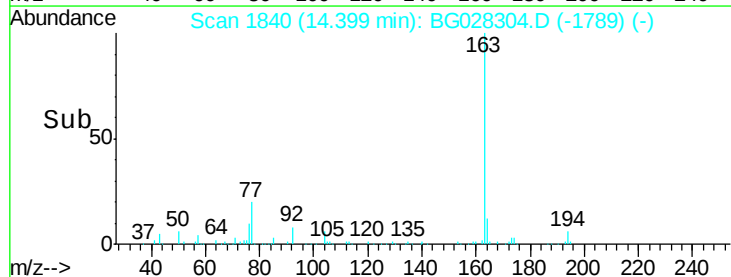
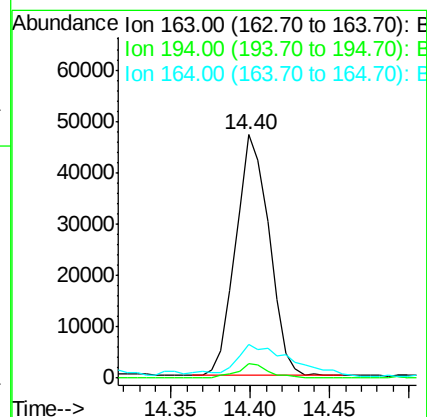
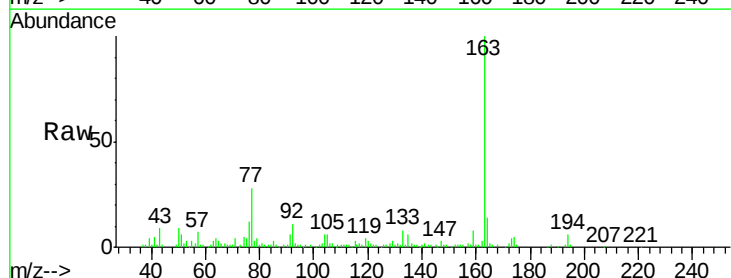
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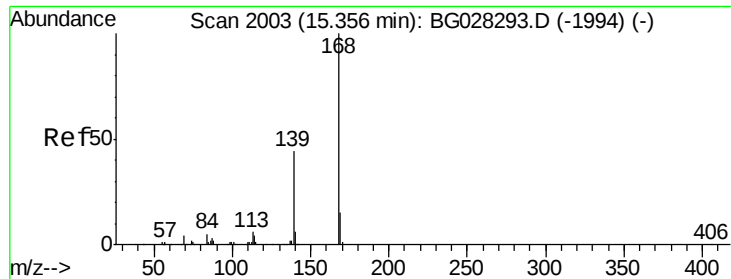
Tgt Ion:142 Resp: 60061
 Ion Ratio Lower Upper
 142 100
 141 95.0 68.6 102.8



#44
 Dimethylphthalate
 Concen: 5.103 ng/ul
 RT: 14.40 min Scan# 1840
 Delta R.T. 0.00 min
 Lab File: BG028304.D
 Acq: 12 Aug 2017 00:13

Tgt Ion:163 Resp: 68655
 Ion Ratio Lower Upper
 163 100
 194 5.8 3.4 5.0#
 164 13.9 9.0 13.4#





#53

Dibenzenofuran

Concen: 1.175 ng/ul

RT: 15.36 min Scan# 2003

Delta R.T. 0.00 min

Lab File: BG028304.D

Acq: 12 Aug 2017 00:13

Instrument :

BNA_G

ClientSampleId :

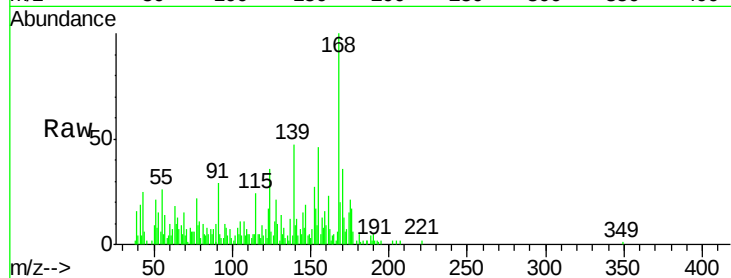
C0AC1

Tgt Ion:168 Resp: 18201

Ion Ratio Lower Upper

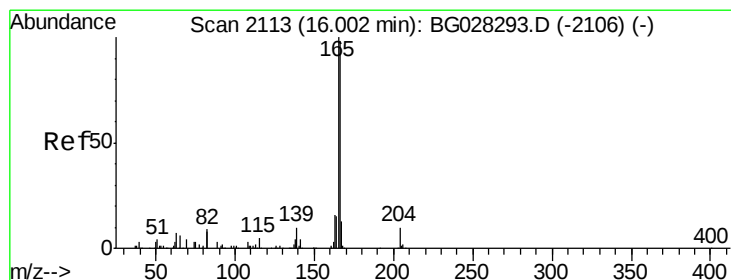
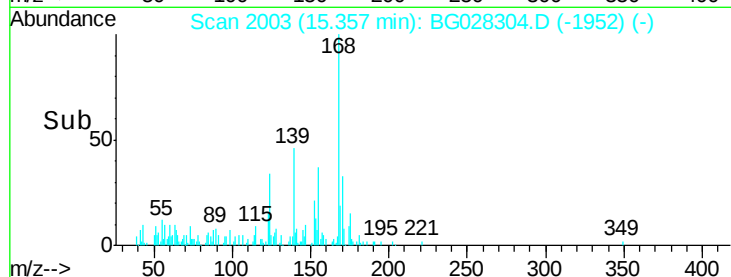
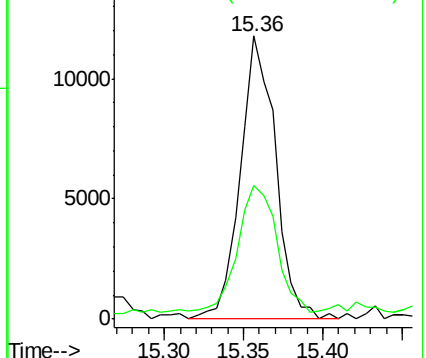
168 100

139 47.4 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: 2.138 ng/ul

RT: 16.01 min Scan# 2114

Delta R.T. 0.01 min

Lab File: BG028304.D

Acq: 12 Aug 2017 00:13

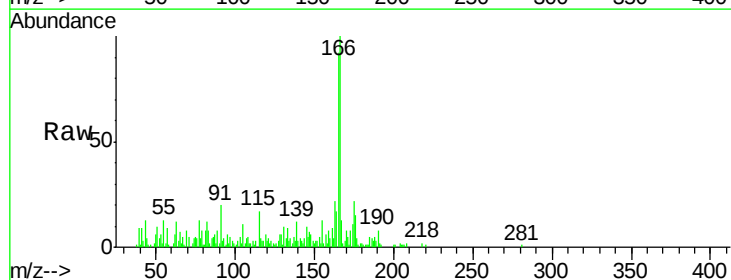
Tgt Ion:166 Resp: 29323

Ion Ratio Lower Upper

166 100

165 91.6 79.7 119.5

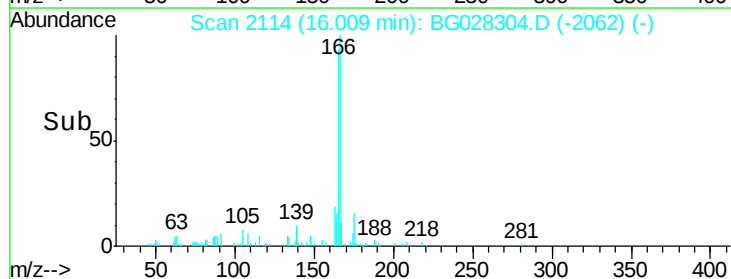
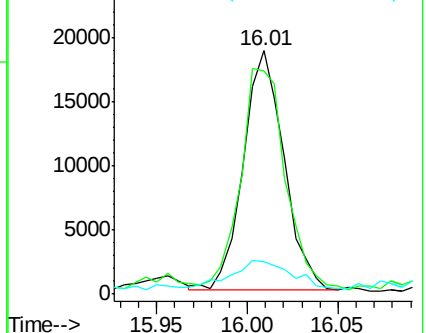
167 13.2 11.4 17.2

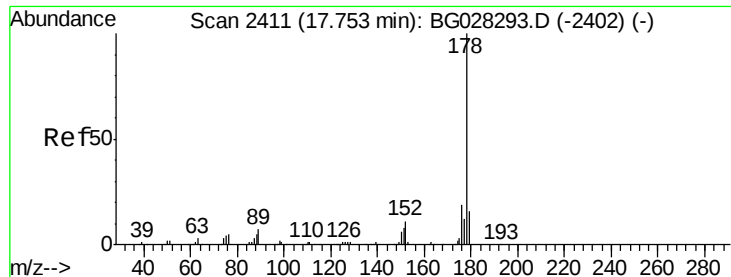


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#69

Phenanthrene

Concen: 1.793 ng/ul

RT: 17.75 min Scan# 2411

Delta R.T. 0.00 min

Lab File: BG028304.D

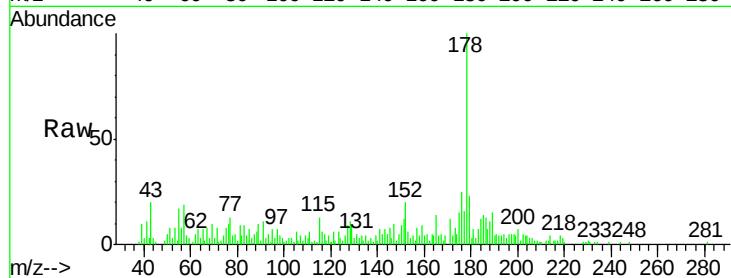
Acq: 12 Aug 2017 00:13

Instrument :

BNA_G

ClientSampleId :

C0AC1



Tgt Ion:178 Resp: 31745

Ion Ratio Lower Upper

178 100

179 23.3 12.4 18.6#

176 25.1 16.5 24.7#

