

Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
 Data File : BG026798.D
 Acq On : 1 May 2017 7:23
 Operator : SJ/MA
 Sample : I2846-12
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHSR5

Quant Time: May 01 08:20:40 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 01 06:49:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	203818	20.00	ng/ul	0.00
18) Naphthalene-d8	10.81	136	909019	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.62	164	481519	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.37	188	841612	20.00	ng/ul	0.01
75) Chrysene-d12	21.61	240	749040	20.00	ng/ul	0.01
83) Perylene-d12	24.79	264	809644	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.43	96	15847	3.50	ng/uL	0.00
5) Phenol-d5	7.18	99	351443	19.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	226860	21.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	304997	19.75	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	290775	19.26	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	185150	24.37	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	185453	22.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	278755	21.23	ng/ul	0.00
29) 4-Chloroaniline-d4	10.93	131	736156	41.88	ng/ul	-0.02
43) Dimethylphthalate-d6	14.02	166	827674	21.36	ng/ul	0.00
46) Acenaphthylene-d8	14.32	160	1122428	23.06	ng/ul	0.00
51) 4-Nitrophenol-d4	14.85	143	162372	23.24	ng/ul	0.01
57) Fluorene-d10	15.61	176	721787	21.34	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.73	200	119543	23.39	ng/ul	0.00
70) Anthracene-d10	17.46	188	968182	23.70	ng/ul	0.00
76) Pyrene-d10	19.75	212	889170	22.49	ng/ul	0.01
87) Benzo(a)pyrene-d12	24.56	264	882315	23.05	ng/ul	0.02

Target Compounds

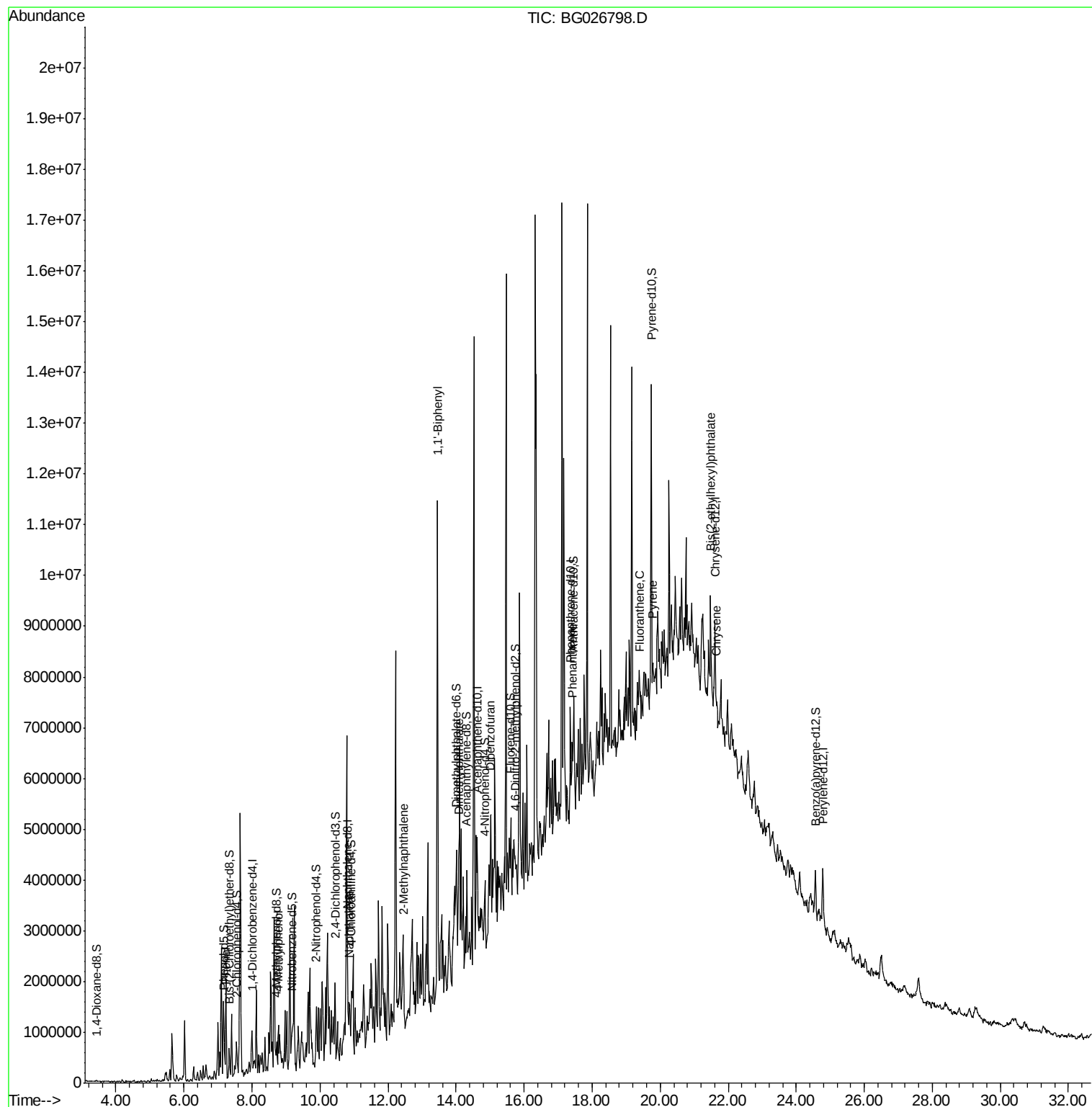
						Ovalue
6) Phenol	7.21	94	22578	1.22	ng/ul#	53
16) 4-Methylphenol	8.79	108	28347	1.78	ng/ul	96
28) Naphthalene	10.86	128	226923	4.80	ng/ul#	79
34) 2-Methylnaphthalene	12.46	142	668460	19.04	ng/ul	94
40) 1,1'-Biphenyl	13.46	154	136591	3.37	ng/ul#	97
44) Dimethylphthalate	14.07	163	215754	5.69	ng/ul#	92
53) Dibenzofuran	15.02	168	81555	1.78	ng/ul#	56
69) Phenanthrene	17.41	178	343586	7.25	ng/ul#	87
74) Fluoranthene	19.41	202	91862	2.09	ng/ul#	68
77) Pyrene	19.77	202	182479	3.63	ng/ul#	73
81) Bis(2-ethylhexyl)phthalate	21.48	149	798015	23.96	ng/ul#	97
82) Chrysene	21.65	228	56573	1.39	ng/ul#	72

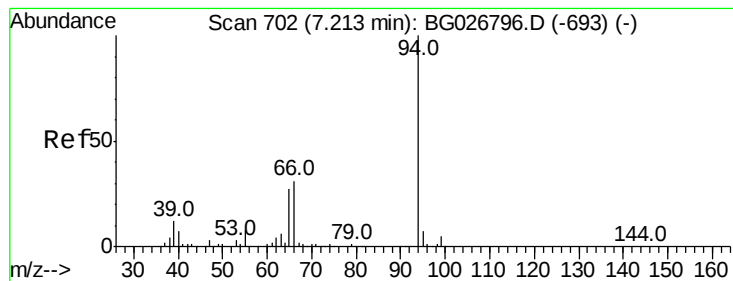
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Mon May 01 06:49:04 2017
Response via : Initial Calibration





#6

Phenol

Concen: 1.22 ng/ul

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG026798.D

Acq: 1 May 2017 7:23

Instrument :

BNA_G

ClientSampleId :

JHSR5

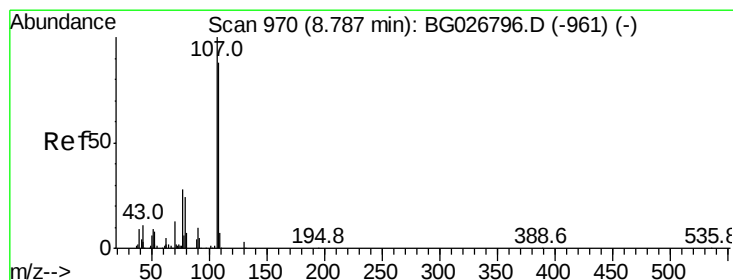
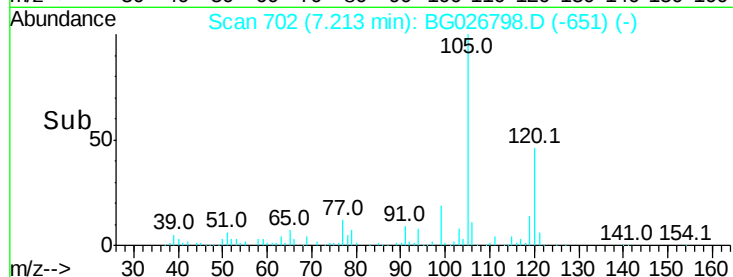
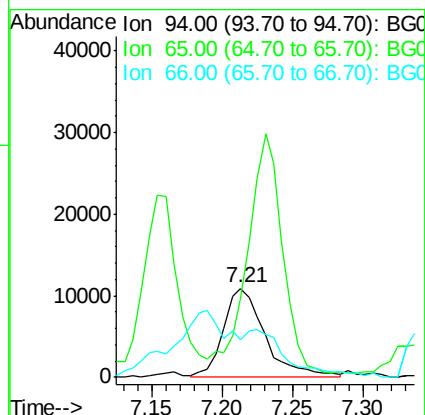
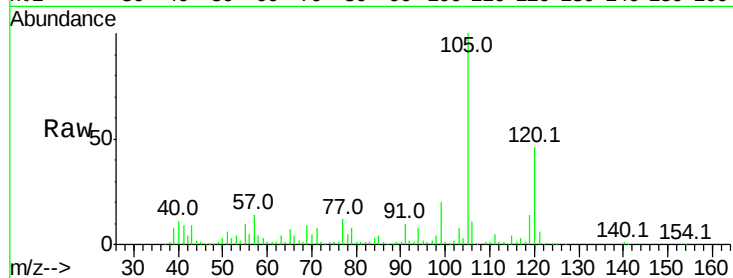
Tot Ion: 94 Resp: 22578

Ion Ratio Lower Upper

94 100

65 87.8 26.8 40.2#

66 42.1 44.4 66.6#



#16

4-Methylphenol

Concen: 1.78 ng/ul

RT: 8.79 min Scan# 970

Delta R.T. 0.00 min

Lab File: BG026798.D

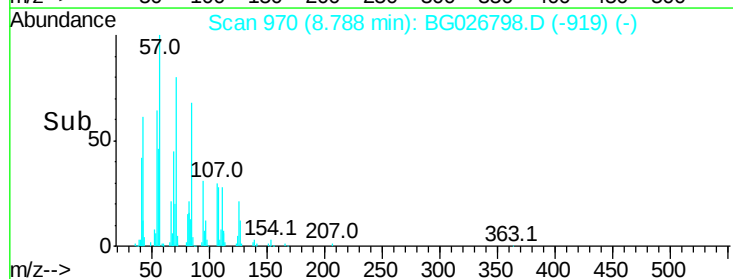
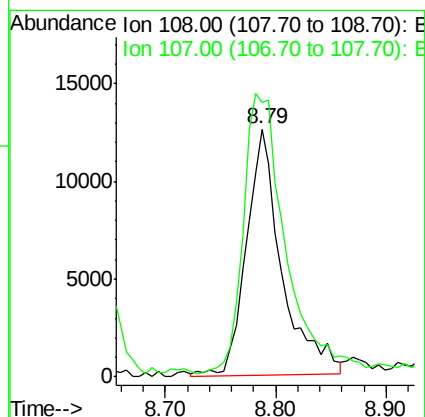
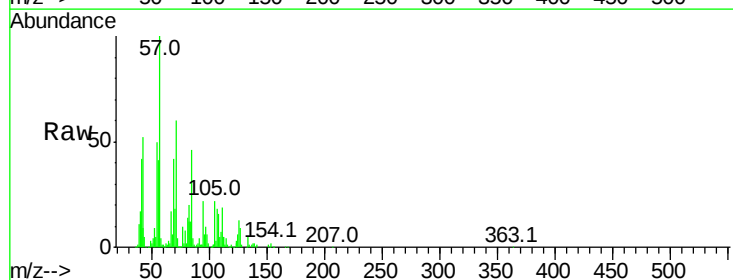
Acq: 1 May 2017 7:23

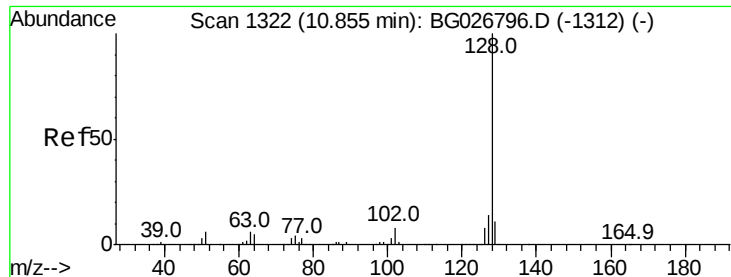
Tgt Ion: 108 Resp: 28347

Ion Ratio Lower Upper

108 100

107 110.7 91.7 137.5





#28

Naphthalene

Concen: 4.80 ng/ul

RT: 10.86 min Scan# 1323

Delta R.T. 0.01 min

Lab File: BG026798.D

Acq: 1 May 2017 7:23

Instrument :

BNA_G

ClientSampleId :

JHSR5

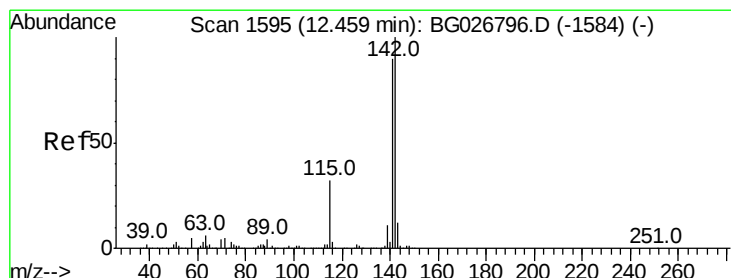
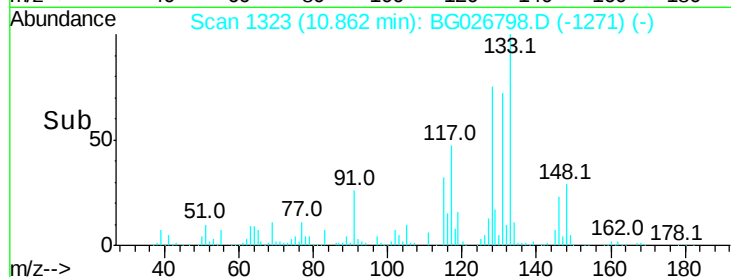
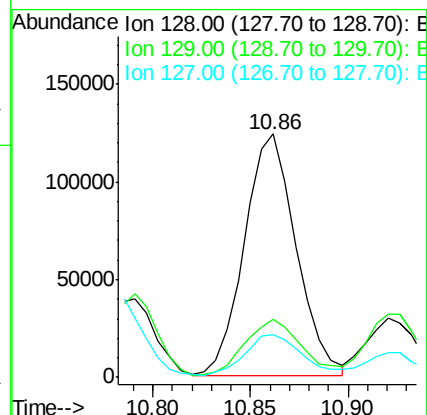
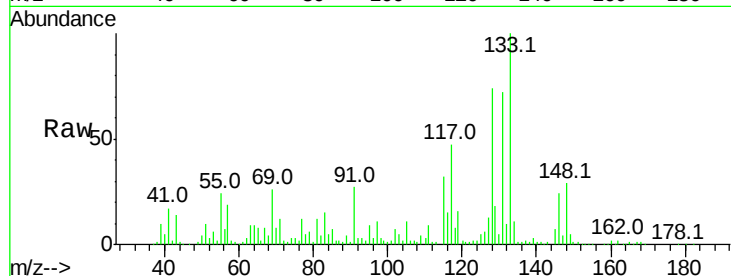
Tot Ion:128 Resp: 226923

Ion Ratio Lower Upper

128 100

129 23.6 9.4 14.2#

127 17.4 10.3 15.5#



#34

2-Methylnaphthalene

Concen: 19.04 ng/ul

RT: 12.46 min Scan# 1595

Delta R.T. 0.00 min

Lab File: BG026798.D

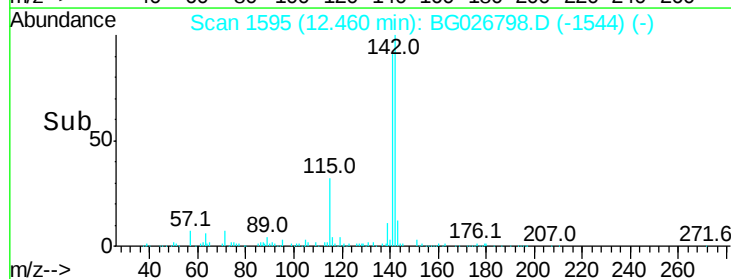
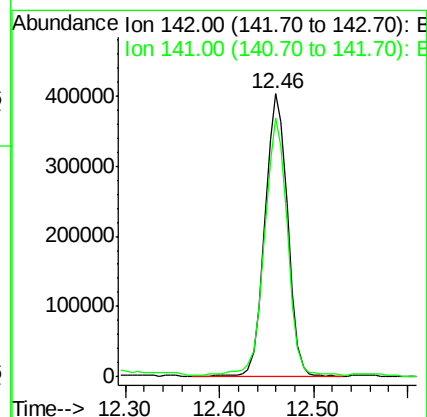
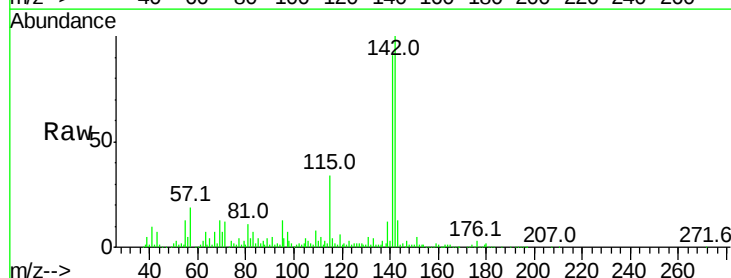
Acq: 1 May 2017 7:23

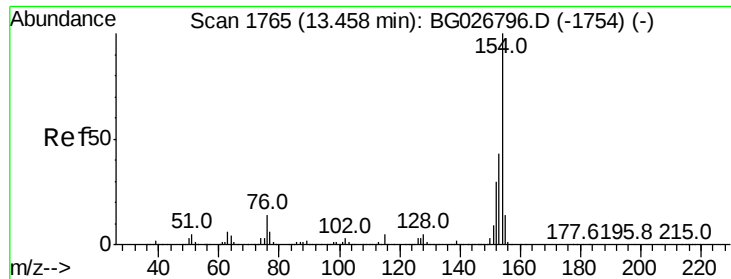
Tgt Ion:142 Resp: 668460

Ion Ratio Lower Upper

142 100

141 91.4 68.6 102.8





#40

1,1'-Biphenyl

Concen: 3.37 ng/ul

RT: 13.46 min Scan# 1765

Delta R.T. 0.00 min

Lab File: BG026798.D

Acq: 1 May 2017 7:23

Instrument :

BNA_G

ClientSampled :

JHSR5

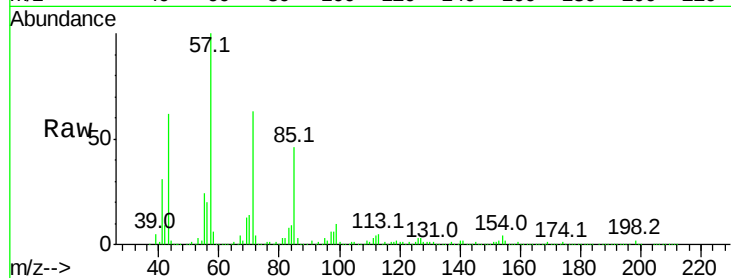
Tot Ion:154 Resp: 136591

Ion Ratio Lower Upper

154 100

153 38.7 32.2 48.2

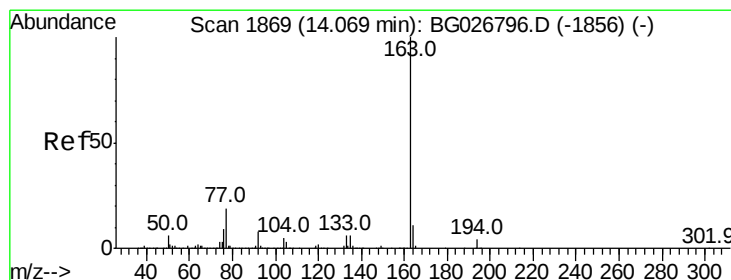
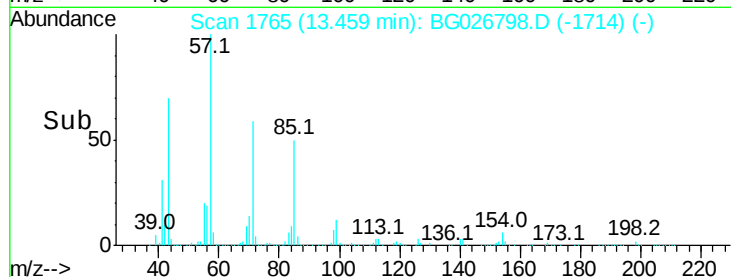
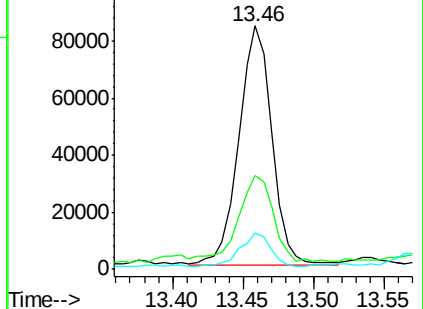
76 14.7 9.6 14.4#



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): BGC



#44

Dimethylphthalate

Concen: 5.69 ng/ul

RT: 14.07 min Scan# 1869

Delta R.T. 0.00 min

Lab File: BG026798.D

Acq: 1 May 2017 7:23

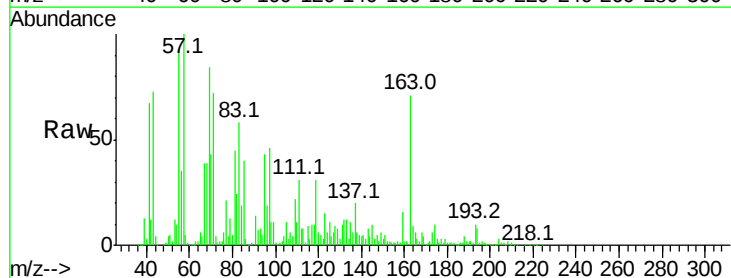
Tgt Ion:163 Resp: 215754

Ion Ratio Lower Upper

163 100

194 11.5 3.4 5.0#

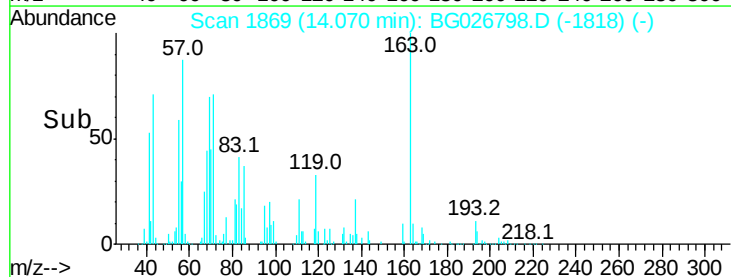
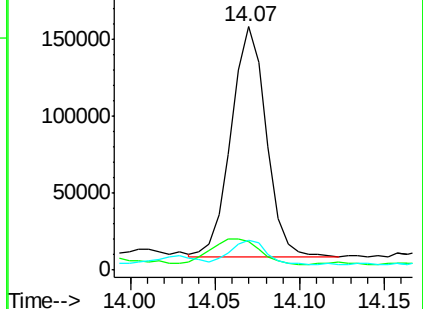
164 12.2 9.0 13.4

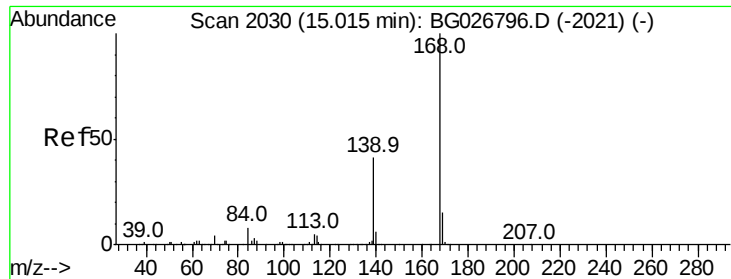


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#53

Dibenzenofuran

Concen: 1.78 ng/ul

RT: 15.02 min Scan# 2031

Delta R.T. 0.01 min

Lab File: BG026798.D

Acq: 1 May 2017 7:23

Instrument :

BNA_G

ClientSampleId :

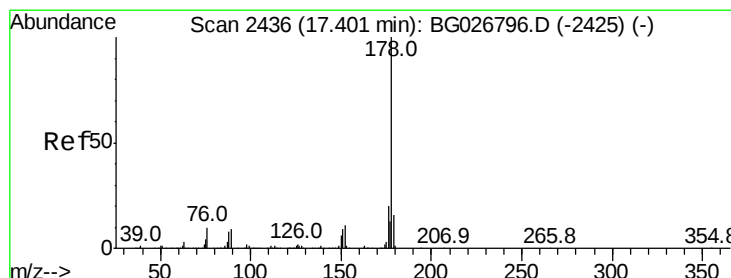
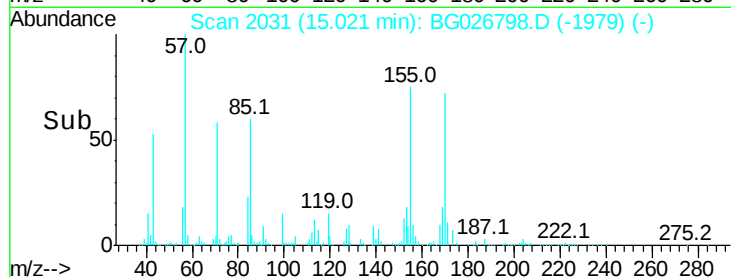
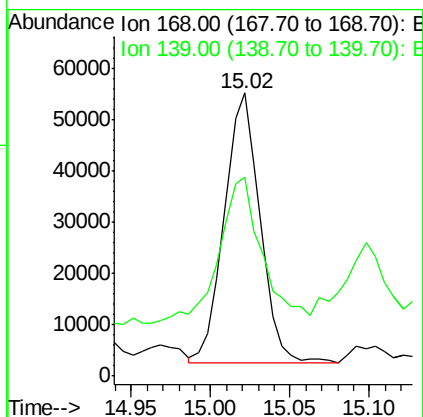
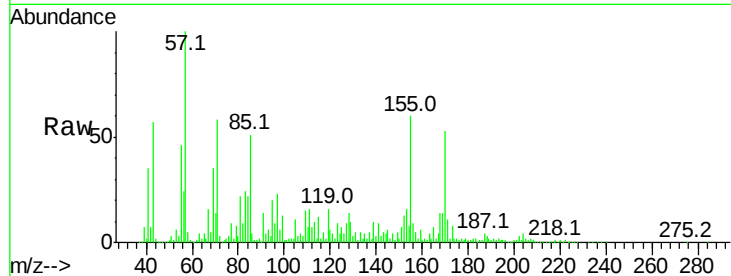
JHSR5

Tot Ion:168 Resp: 81555

Ion Ratio Lower Upper

168 100

139 70.5 33.8 50.8#



#69

Phenanthrene

Concen: 7.25 ng/ul

RT: 17.41 min Scan# 2437

Delta R.T. 0.01 min

Lab File: BG026798.D

Acq: 1 May 2017 7:23

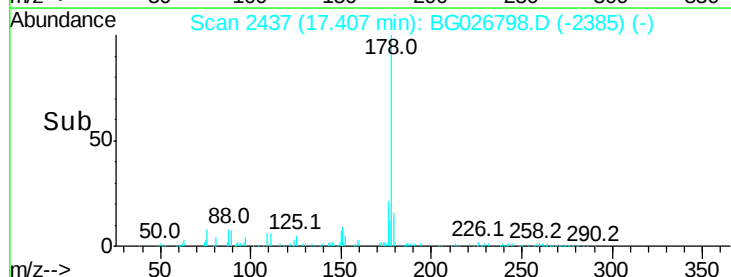
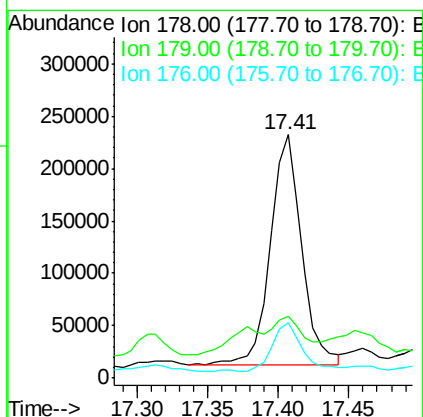
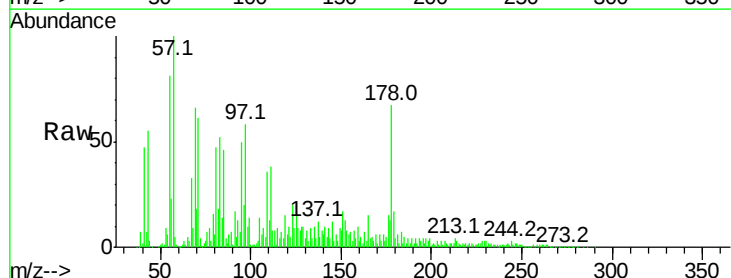
Tgt Ion:178 Resp: 343586

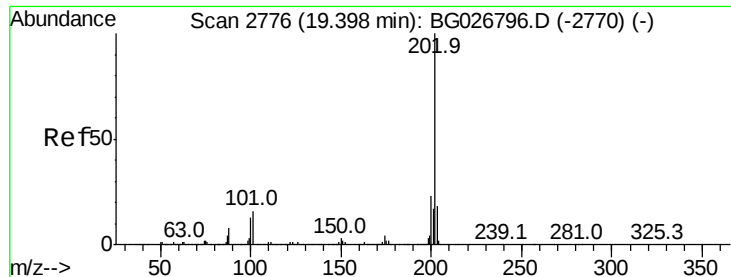
Ion Ratio Lower Upper

178 100

179 25.4 12.4 18.6#

176 22.9 16.5 24.7





#74

Fluoranthene

Concen: 2.09 ng/ul

RT: 19.41 min Scan# 2778

Delta R.T. 0.01 min

Lab File: BG026798.D

Acq: 1 May 2017 7:23

Instrument :

BNA_G

ClientSampleId :

JHSR5

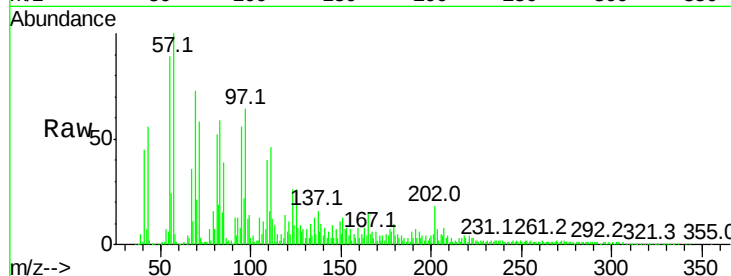
Tot Ion:202 Resp: 91862

Ion Ratio Lower Upper

202 100

101 20.4 6.2 9.2#

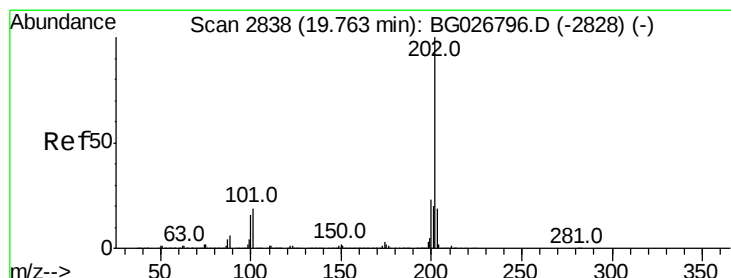
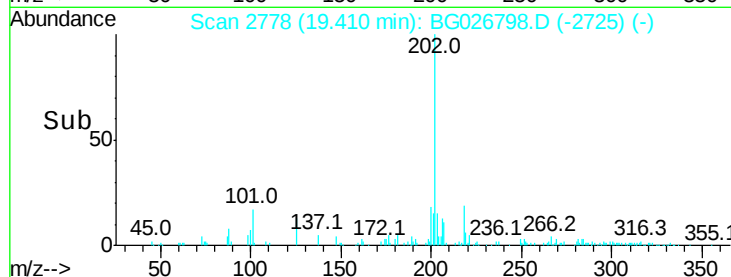
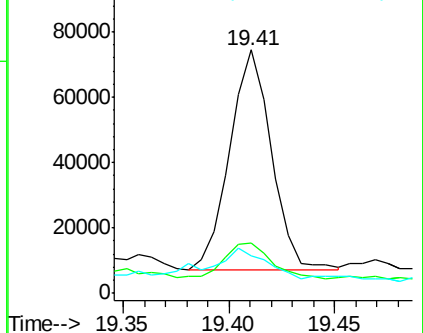
100 15.6 5.2 7.8#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#77

Pyrene

Concen: 3.63 ng/ul

RT: 19.77 min Scan# 2840

Delta R.T. 0.01 min

Lab File: BG026798.D

Acq: 1 May 2017 7:23

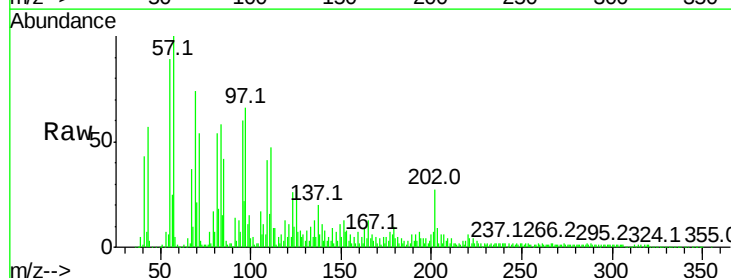
Tgt Ion:202 Resp: 182479

Ion Ratio Lower Upper

202 100

101 20.3 6.9 10.3#

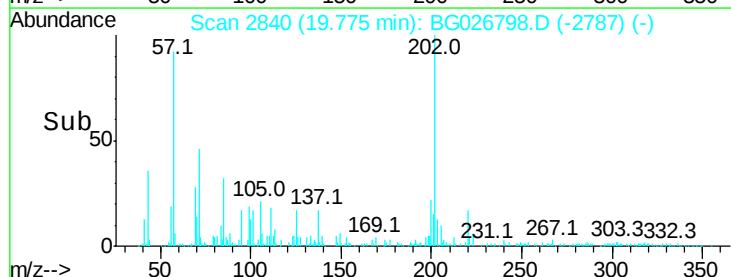
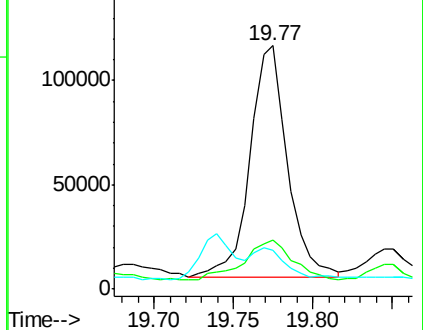
100 16.1 6.6 10.0#

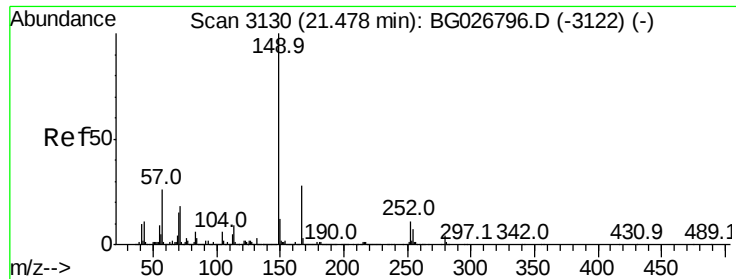


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

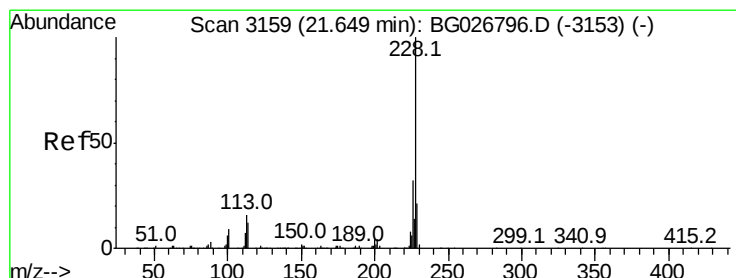
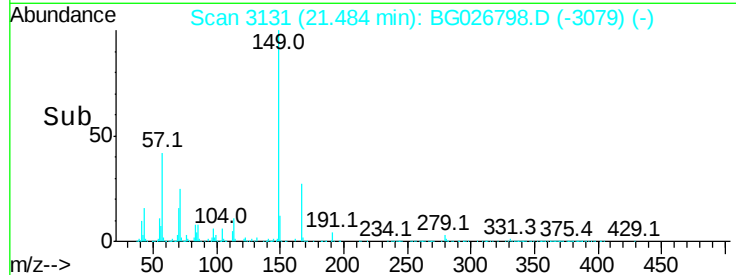
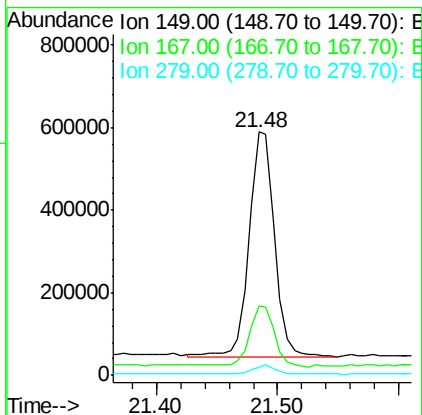
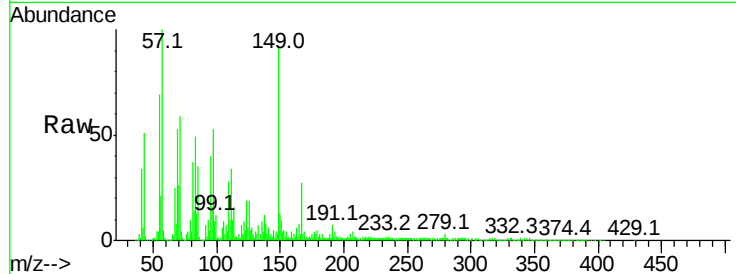




#81
 Bis(2-ethylhexyl)phthalate
 Concen: 23.96 ng/ul
 RT: 21.48 min Scan# 3131
 Delta R.T. 0.01 min
 Lab File: BG026798.D
 Acq: 1 May 2017 7:23

Instrument :
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Tot Ion	Ratio	Lower	Upper
149	100		
167	28.8	21.8	32.8
279	3.5	4.5	6.7



#82
 Chrysene
 Concen: 1.39 ng/ul
 RT: 21.65 min Scan# 3160
 Delta R.T. 0.01 min
 Lab File: BG026798.D
 Acq: 1 May 2017 7:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	37.1	24.0	36.0
229	44.7	16.9	25.3

