

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG101517\
 Data File : BG029249.D
 Acq On : 15 Oct 2017 8:14
 Operator : SJ/JU
 Sample : I5593-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 16 08:36:59 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Oct 15 07:39:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	119423	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	539188	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	322199	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	689839	20.00	ng/ul	0.00
75) Chrysene-d12	21.80	240	625936	20.00	ng/ul	0.00
83) Perylene-d12	25.11	264	612217	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.56	96	8465	2.88	ng/uL	0.00
5) Phenol-d5	7.32	99	165586	14.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	119384	16.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	130472	16.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	104039	11.24	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	72745	18.79	ng/ul	0.00
22) 2-Nitrophenol-d4	10.07	143	75193	18.96	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	139364	15.42	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	142621	13.58	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	449819	16.33	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	577915	17.25	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	57885	11.38	ng/ul	0.00
57) Fluorene-d10	15.78	176	385364	17.08	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.89	200	42404	12.59	ng/ul	0.00
70) Anthracene-d10	17.63	188	548918	16.82	ng/ul	0.00
76) Pyrene-d10	19.90	212	564169	17.41	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.88	264	487232	16.80	ng/ul	0.00

Target Compounds

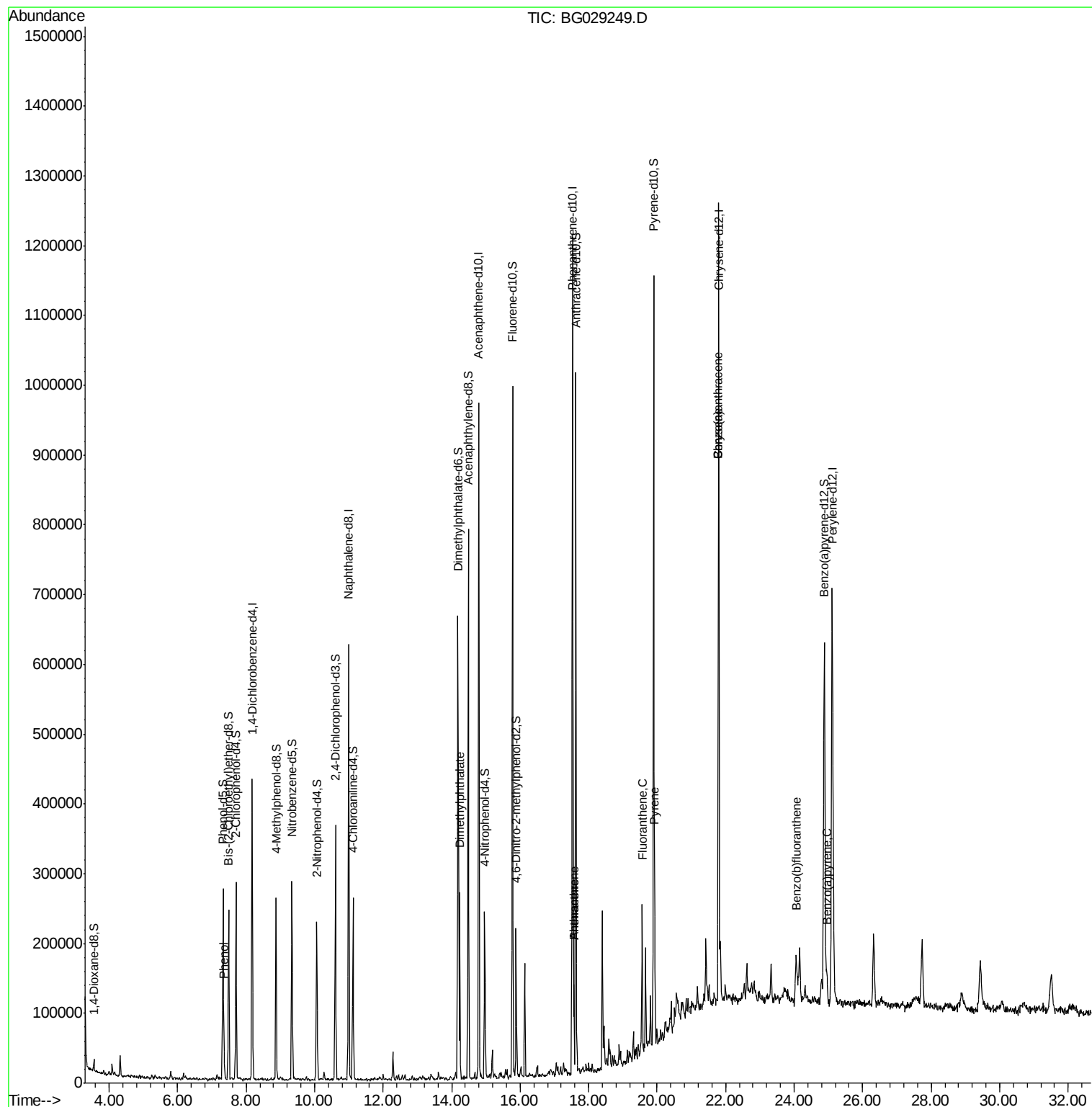
					Ovalue	
6) Phenol	7.35	94	31390	2.647	ng/ul#	86
44) Dimethylphthalate	14.23	163	164688	6.130	ng/ul	96
69) Phenanthrene	17.57	178	77282	2.072	ng/ul	100
71) Anthracene	17.57	178	77085	2.003	ng/ul	99
74) Fluoranthene	19.57	202	122484	2.939	ng/ul#	92
77) Pyrene	19.92	202	114601	2.732	ng/ul#	89
80) Benzo(a)anthracene	21.78	228	62719	1.599	ng/ul	97
82) Chrysene	21.78	228	62719	1.760	ng/ul	99
85) Benzo(b)fluoranthene	24.05	252	80339	2.186	ng/ul#	96
88) Benzo(a)pyrene	24.95	252	53076	1.484	ng/ul#	96

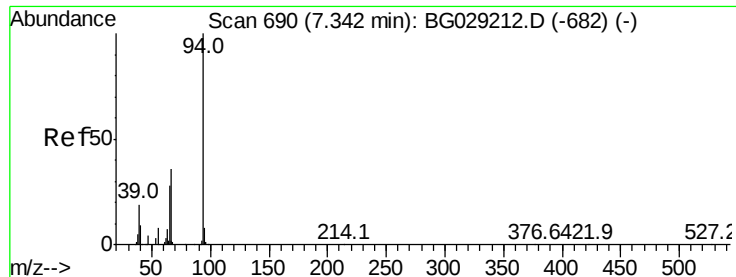
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG101517\
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Quant Title : SVOA CALIBRATION
QLast Update : Sun Oct 15 07:39:50 2017
Response via : Initial Calibration





#6

Phenol

Concen: 2.647 ng/ul

RT: 7.35 min Scan# 691

Delta R.T. 0.00 min

Lab File: BG029249.D

Acq: 15 Oct 2017 8:14

Instrument :

BNA_G

ClientSampleId :

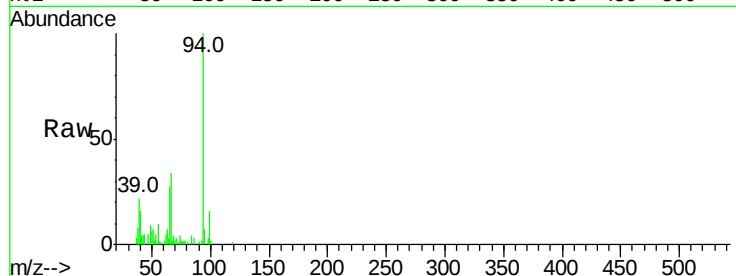
Tot Ion: 94 Resp: 31390

Ion Ratio Lower Upper

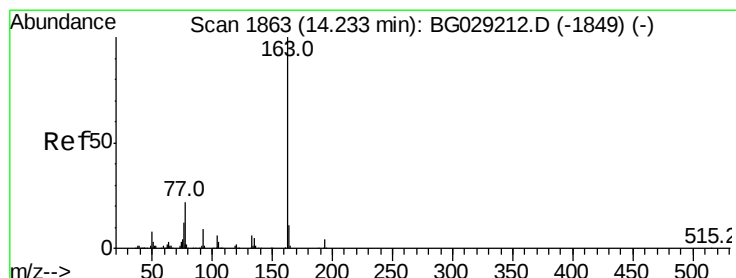
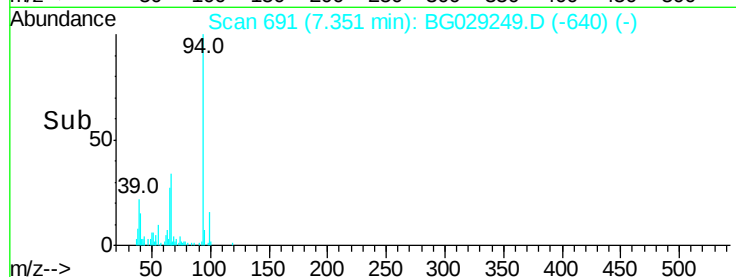
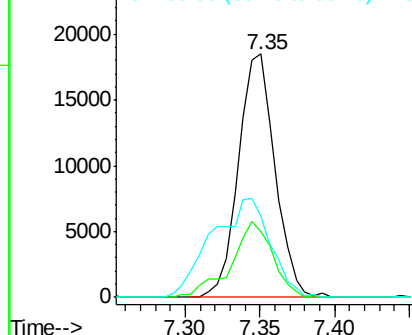
94 100

65 26.8 27.1 40.7#

66 33.5 34.6 52.0#



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



#44

Dimethylphthalate

Concen: 6.130 ng/ul

RT: 14.23 min Scan# 1862

Delta R.T. -0.01 min

Lab File: BG029249.D

Acq: 15 Oct 2017 8:14

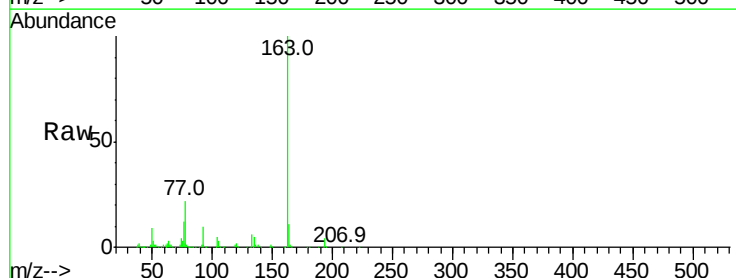
Tgt Ion:163 Resp: 164688

Ion Ratio Lower Upper

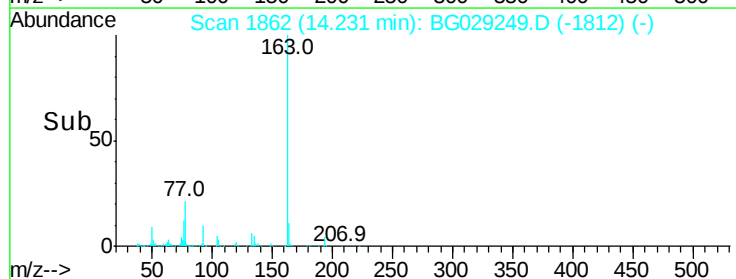
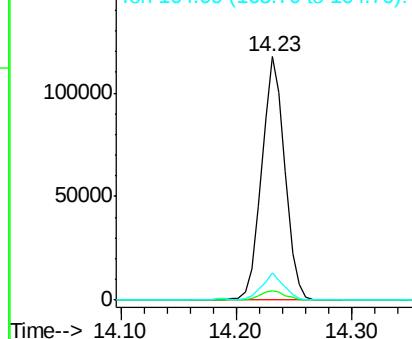
163 100

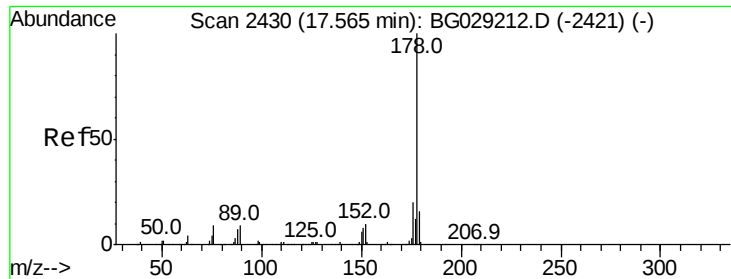
194 4.0 3.5 5.3

164 11.4 7.6 11.4



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

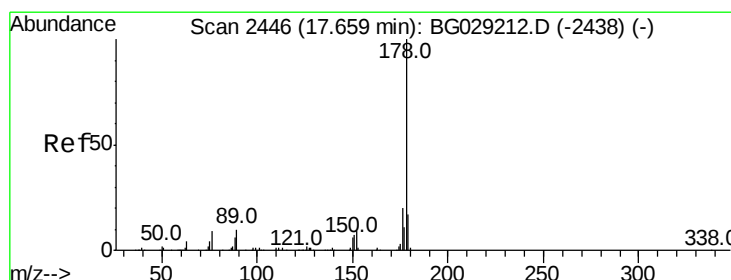
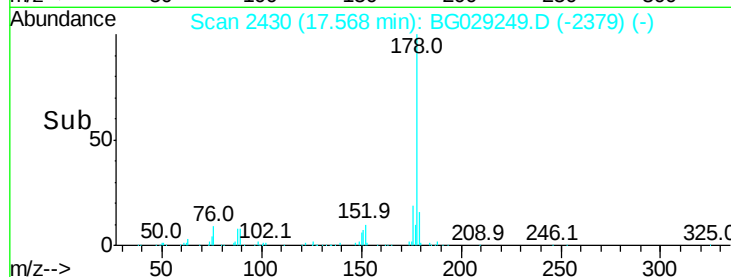
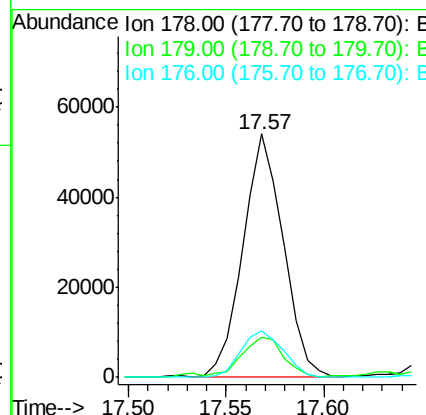
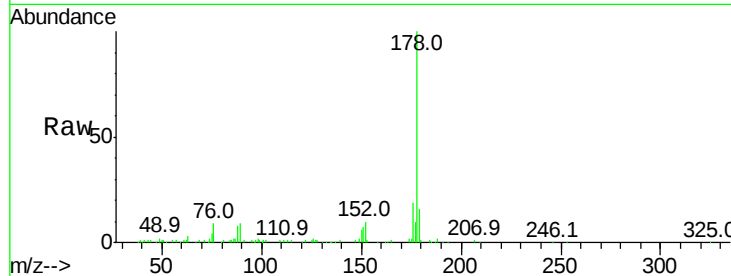




#69
Phenanthrene
Concen: 2.072 ng/ul
RT: 17.57 min Scan# 2430
Delta R.T. 0.00 min
Lab File: BG029249.D
Acq: 15 Oct 2017 8:14

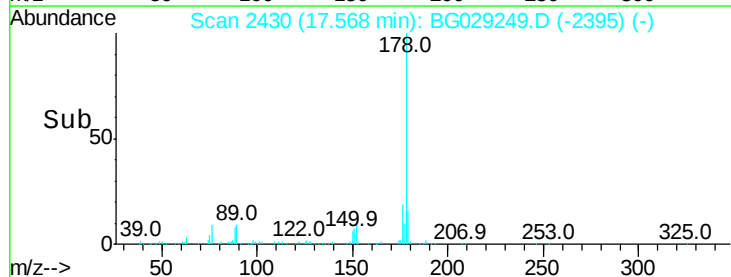
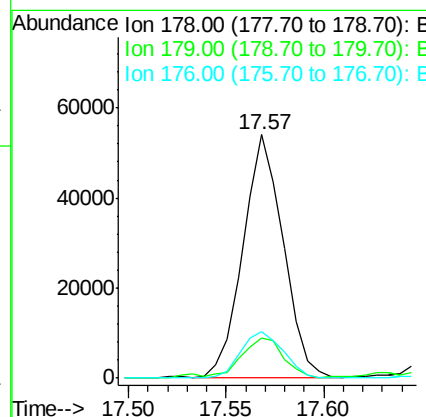
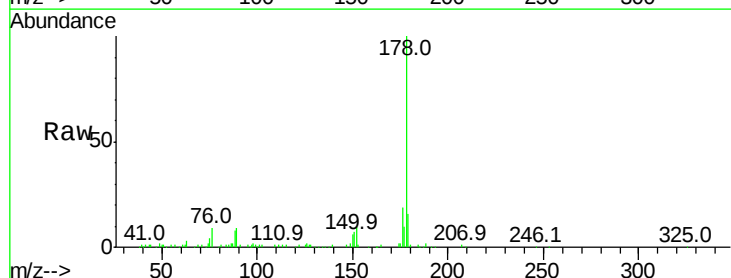
Instrument :
BNA_G
ClientSampleId :

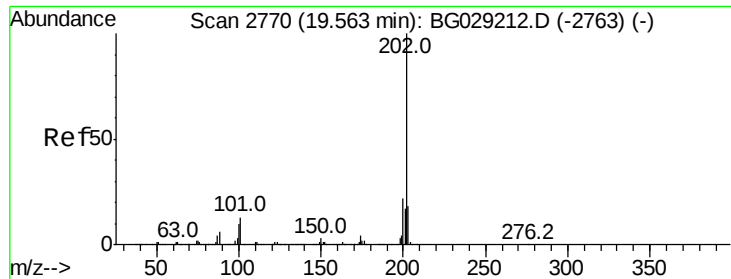
Tot Ion:178 Resp: 77282
Ion Ratio Lower Upper
178 100
179 16.4 13.0 19.6
176 19.1 15.3 22.9



#71
Anthracene
Concen: 2.003 ng/ul
RT: 17.57 min Scan# 2430
Delta R.T. -0.09 min
Lab File: BG029249.D
Acq: 15 Oct 2017 8:14

Tgt Ion:178 Resp: 77085
Ion Ratio Lower Upper
178 100
179 16.4 13.2 19.8
176 19.1 16.0 24.0

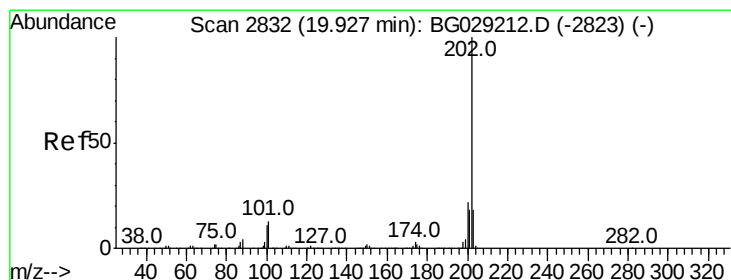
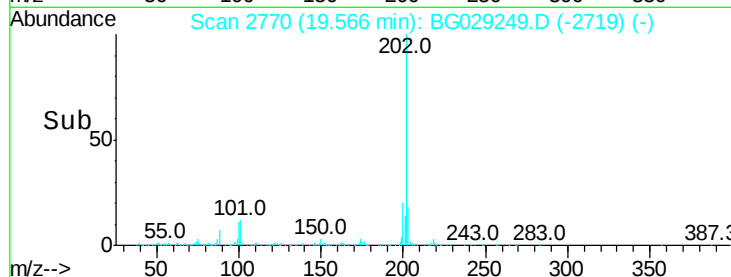
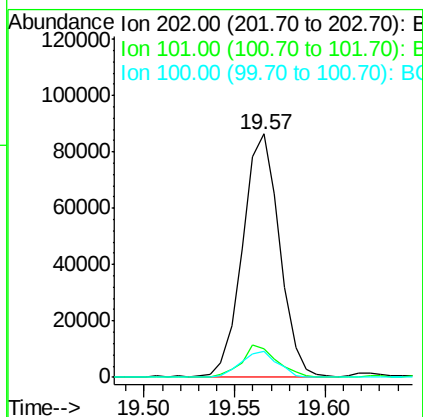
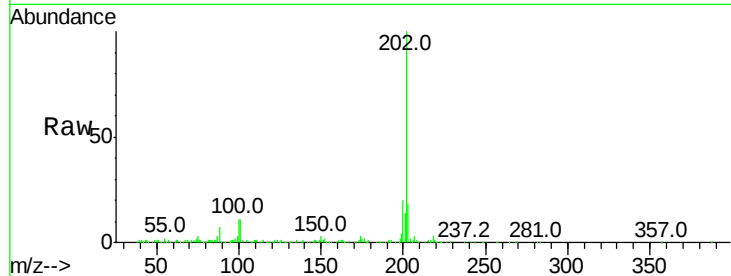




#74
Fluoranthene
Concen: 2.939 ng/ul
RT: 19.57 min Scan# 2770
Delta R.T. 0.00 min
Lab File: BG029249.D
Acq: 15 Oct 2017 8:14

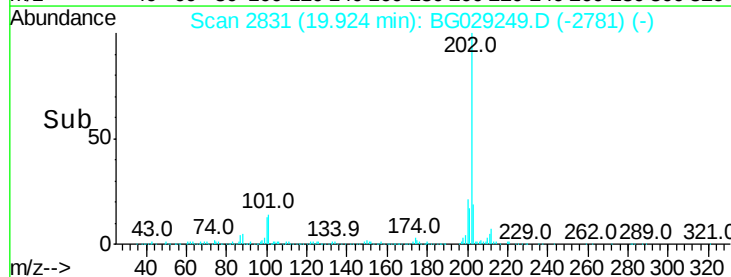
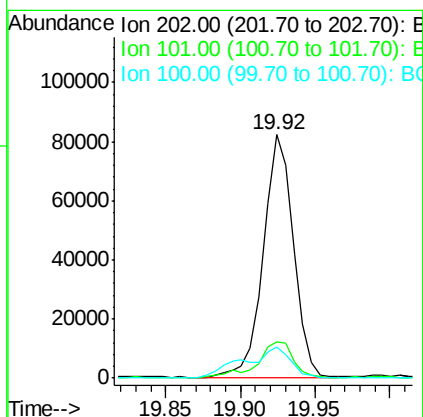
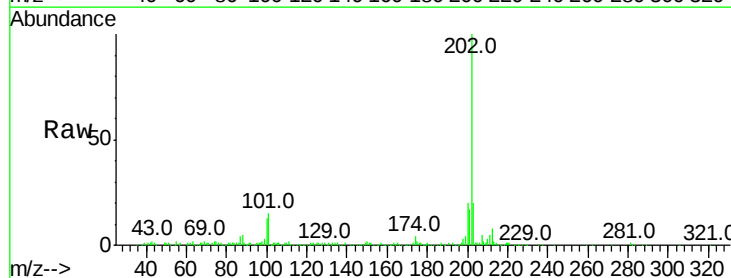
Instrument :
BNA_G
ClientSampleId :

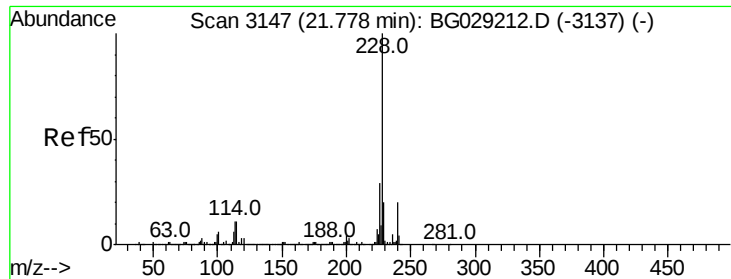
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.5	7.4	11.2#
100	10.5	5.6	8.4#



#77
Pyrene
Concen: 2.732 ng/ul
RT: 19.92 min Scan# 2831
Delta R.T. -0.01 min
Lab File: BG029249.D
Acq: 15 Oct 2017 8:14

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.7	8.4	12.6#
100	12.8	7.0	10.6#





#80

Benzo(a)anthracene

Concen: 1.599 ng/ul

RT: 21.78 min Scan# 3147

Delta R.T. 0.00 min

Lab File: BG029249.D

Acq: 15 Oct 2017 8:14

Instrument :

BNA_G

ClientSampleId :

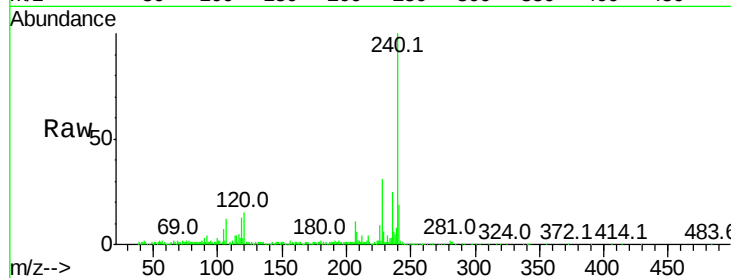
Tot Ion:228 Resp: 62719

Ion Ratio Lower Upper

228 100

229 18.7 16.2 24.4

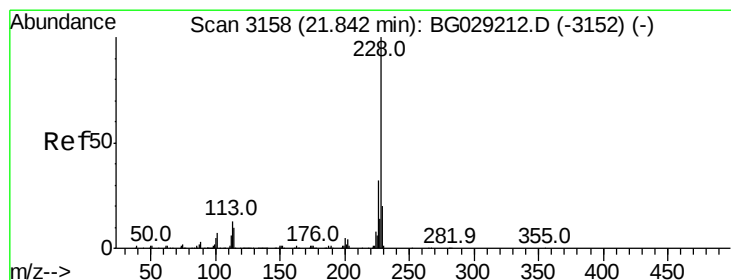
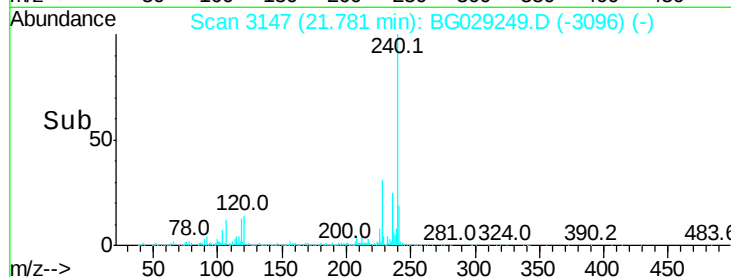
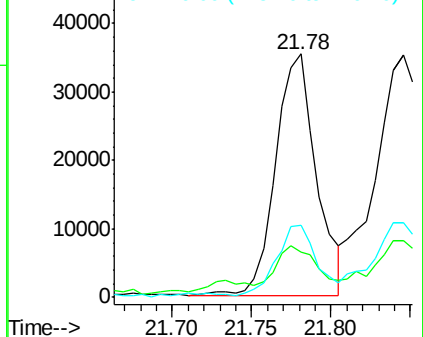
226 29.5 22.2 33.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#82

Chrysene

Concen: 1.760 ng/ul

RT: 21.78 min Scan# 3147

Delta R.T. -0.06 min

Lab File: BG029249.D

Acq: 15 Oct 2017 8:14

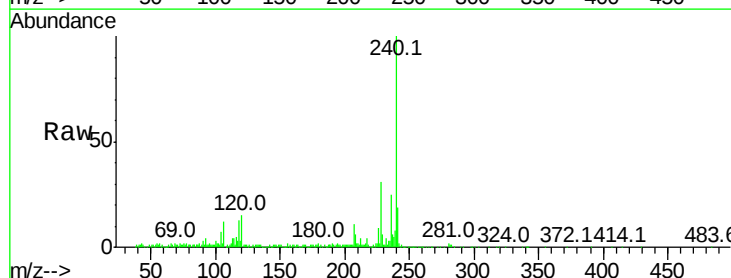
Tgt Ion:228 Resp: 62719

Ion Ratio Lower Upper

228 100

226 29.5 24.2 36.2

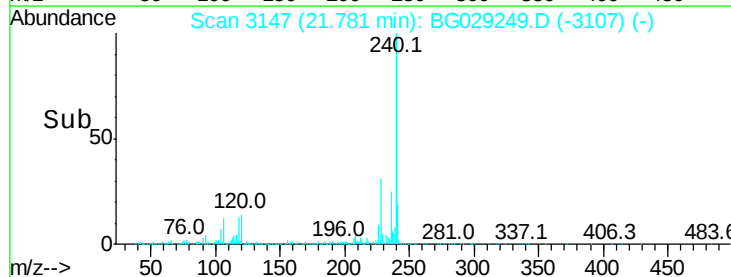
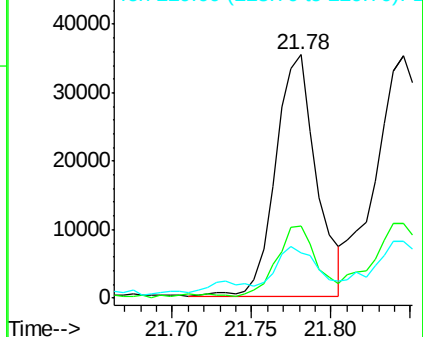
229 18.7 15.2 22.8

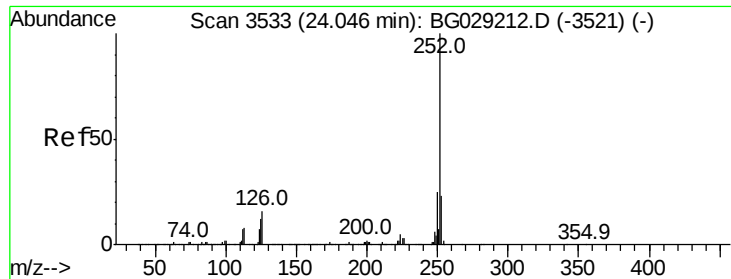


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

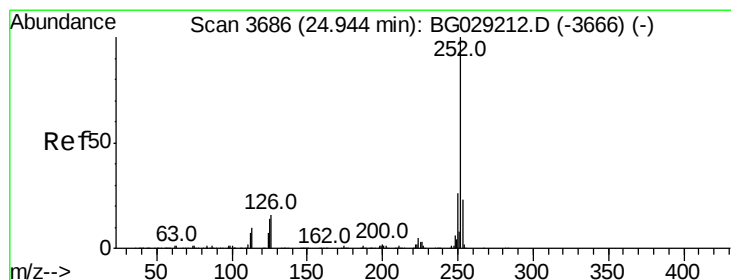
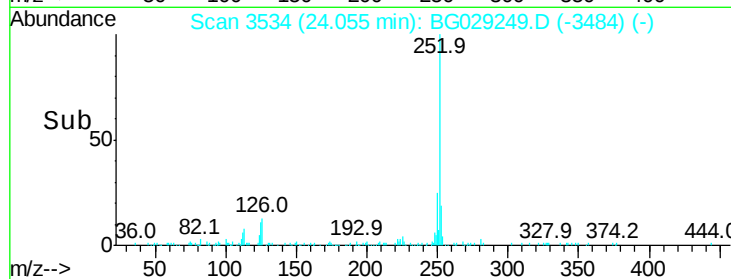
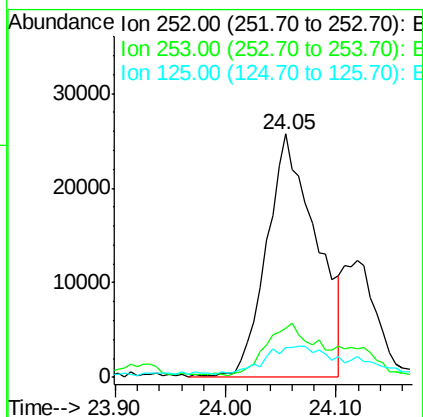
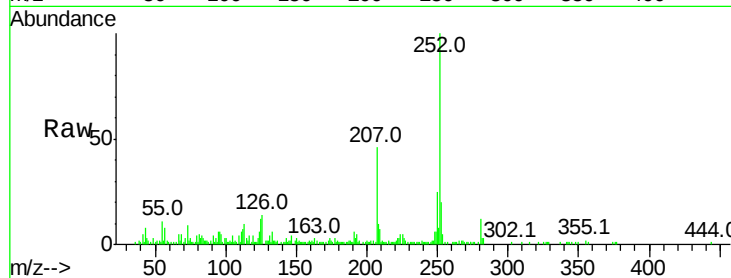




#85
Benzo(b)fluoranthene
Concen: 2.186 ng/ul
RT: 24.05 min Scan# 3534
Delta R.T. -0.01 min
Lab File: BG029249.D
Acq: 15 Oct 2017 8:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.1	17.0	25.4
125	12.4	7.5	11.3



#88
Benzo(a)pyrene
Concen: 1.484 ng/ul
RT: 24.95 min Scan# 3686
Delta R.T. -0.01 min
Lab File: BG029249.D
Acq: 15 Oct 2017 8:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.8	17.1	25.7
125	13.9	7.8	11.8

