

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101417\
 Data File : BG029225.D
 Acq On : 14 Oct 2017 13:28
 Operator : SJ/JU
 Sample : I5574-19
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 14 23:23:34 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 14 06:44:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	79725	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	350633	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	215622	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.52	188	515170	20.00	ng/ul	0.00
75) Chrysene-d12	21.80	240	493239	20.00	ng/ul	0.00
83) Perylene-d12	25.10	264	480778	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.61	96	69	0.04	ng/uL	0.06
5) Phenol-d5	7.32	99	182892	23.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	116129	24.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	133559	24.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	147759	23.91	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	70016	27.82	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	73000	28.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	138706	23.60	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	196089	28.72	ng/ul	0.00
43) Dimethylphthalate-d6	14.19	166	490606	26.61	ng/ul	0.00
46) Acenaphthylene-d8	14.49	160	586963	26.18	ng/ul	0.00
51) 4-Nitrophenol-d4	14.96	143	81145	23.84	ng/ul	0.00
57) Fluorene-d10	15.77	176	424249	28.10	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	56989	22.66	ng/ul	0.00
70) Anthracene-d10	17.62	188	669420	27.48	ng/ul	0.00
76) Pyrene-d10	19.89	212	691778	27.09	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.88	264	605190	26.58	ng/ul	0.01

Target Compounds

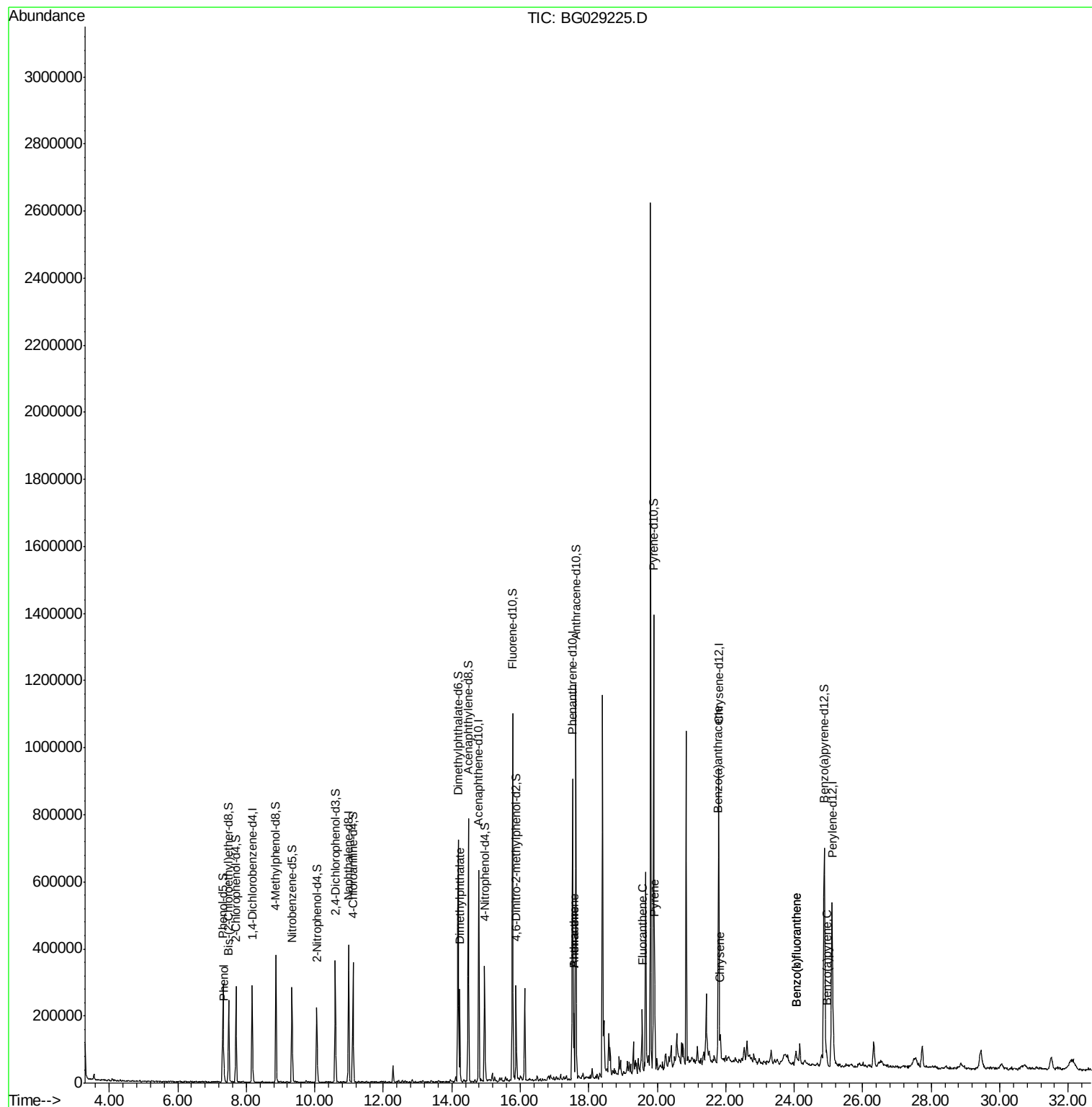
						Ovalue
6) Phenol	7.34	94	36175	4.57	ng/ul	93
44) Dimethylphthalate	14.23	163	174711	9.72	ng/ul	99
69) Phenanthrene	17.56	178	122452	4.40	ng/ul	98
71) Anthracene	17.56	178	122452	4.26	ng/ul	98
74) Fluoranthene	19.56	202	91714	2.95	ng/ul#	92
77) Pyrene	19.92	202	153400	4.64	ng/ul#	88
80) Benzo(a)anthracene	21.78	228	52369	1.69	ng/ul	97
82) Chrysene	21.84	228	68533	2.44	ng/ul	96
85) Benzo(b)fluoranthene	24.05	252	46009	1.59	ng/ul#	96
86) Benzo(k)fluoranthene	24.05	252	46009	1.65	ng/ul#	97
88) Benzo(a)pyrene	24.94	252	39843	1.42	ng/ul#	84

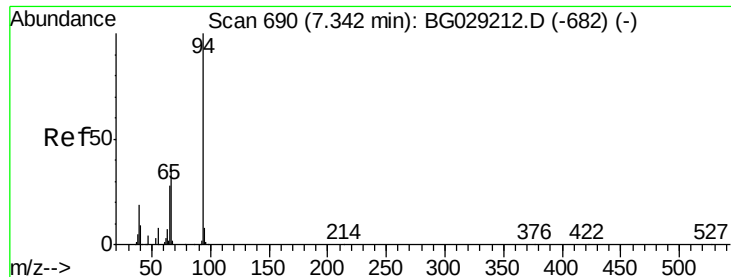
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 4.57 ng/ul

RT: 7.34 min Scan# 690

Delta R.T. -0.00 min

Lab File: BG029225.D

Acq: 14 Oct 2017 13:28

Instrument :

BNA_G

ClientSampleId :

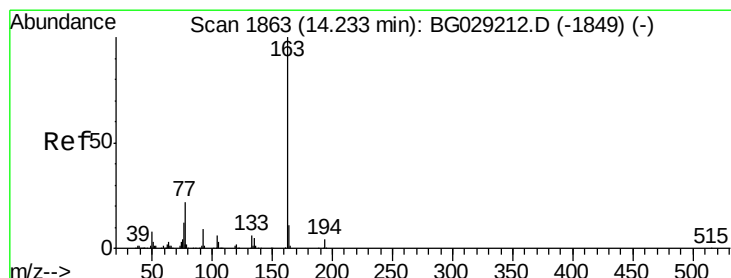
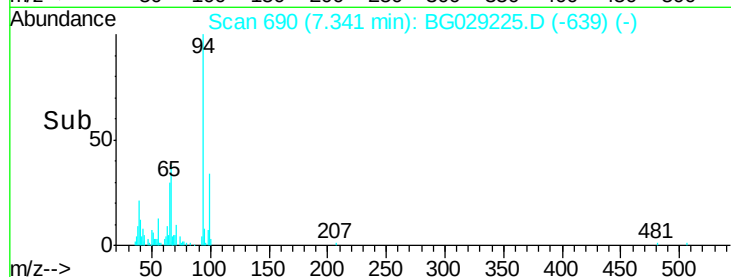
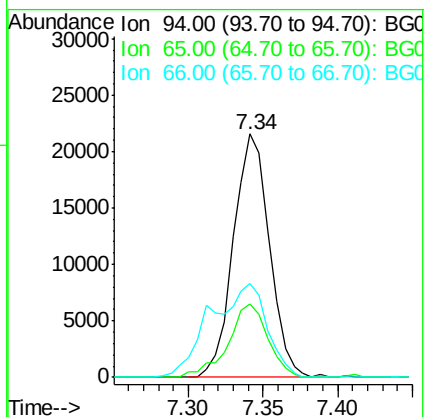
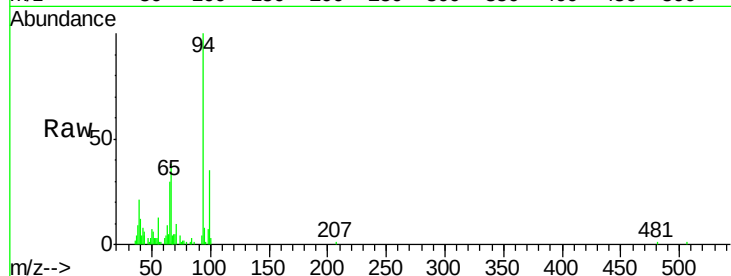
Tot Ion: 94 Resp: 36175

Ion Ratio Lower Upper

94 100

65 30.3 27.1 40.7

66 38.4 34.6 52.0



#44

Dimethylphthalate

Concen: 9.72 ng/ul

RT: 14.23 min Scan# 1862

Delta R.T. -0.01 min

Lab File: BG029225.D

Acq: 14 Oct 2017 13:28

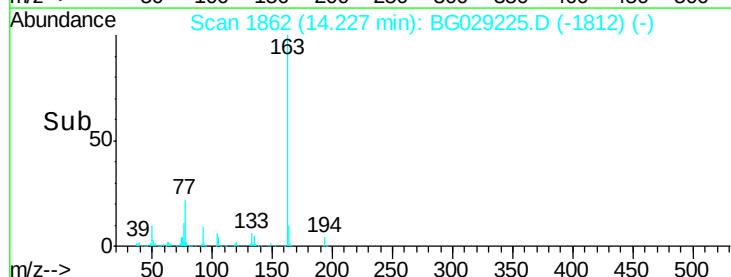
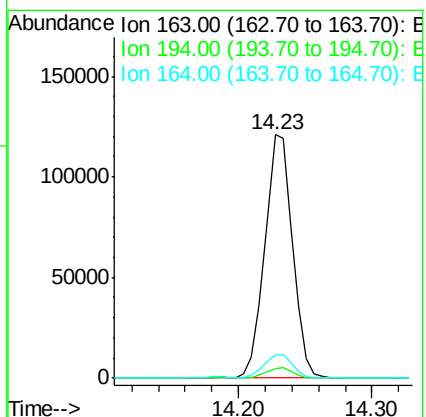
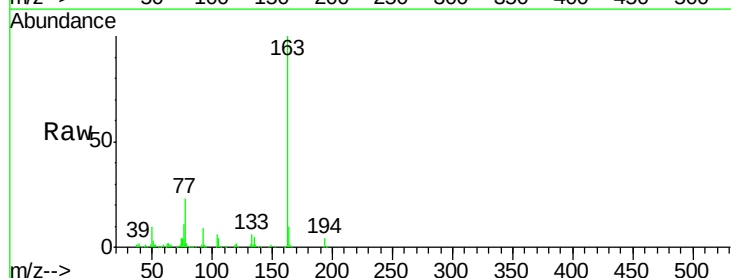
Tgt Ion: 163 Resp: 174711

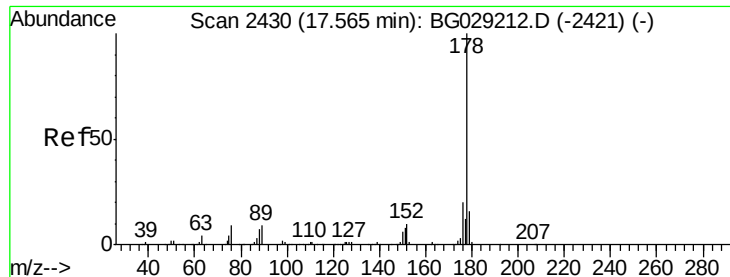
Ion Ratio Lower Upper

163 100

194 3.9 3.5 5.3

164 9.5 7.6 11.4





#69

Phenanthrene

Concen: 4.40 ng/ul

RT: 17.56 min Scan# 2430

Delta R.T. -0.00 min

Lab File: BG029225.D

Acq: 14 Oct 2017 13:28

Instrument :

BNA_G

ClientSampleId :

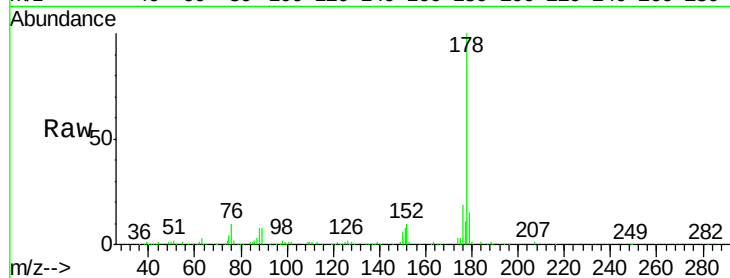
Tot Ion:178 Resp: 122452

Ion Ratio Lower Upper

178 100

179 15.2 13.0 19.6

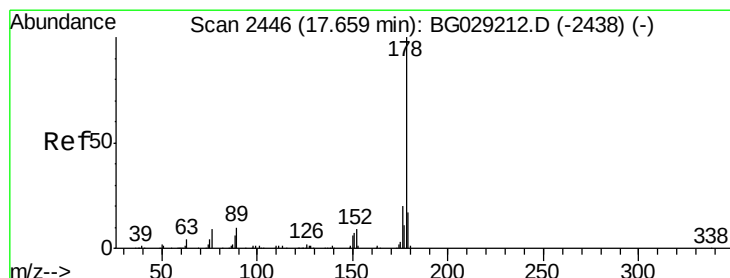
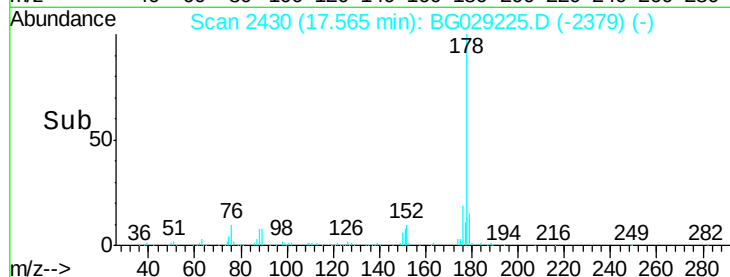
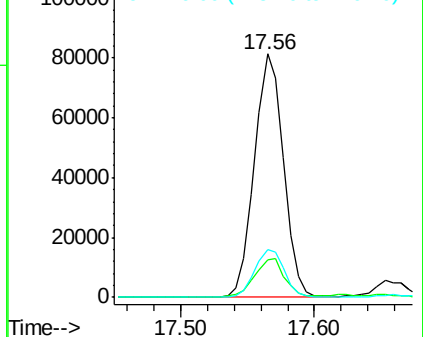
176 19.4 15.3 22.9



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 4.26 ng/ul

RT: 17.56 min Scan# 2430

Delta R.T. -0.09 min

Lab File: BG029225.D

Acq: 14 Oct 2017 13:28

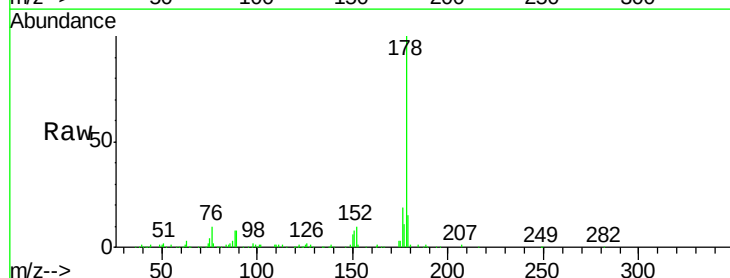
Tgt Ion:178 Resp: 122452

Ion Ratio Lower Upper

178 100

179 15.2 13.2 19.8

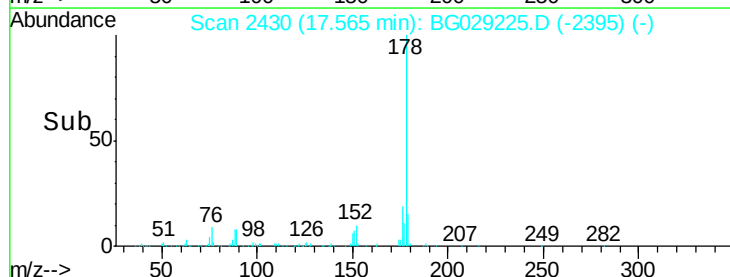
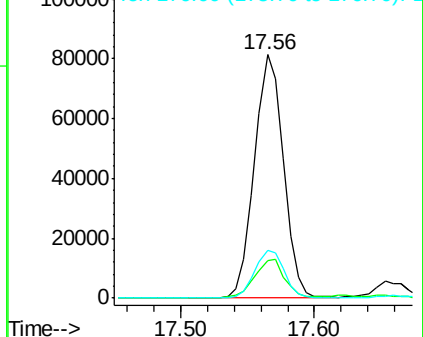
176 19.4 16.0 24.0

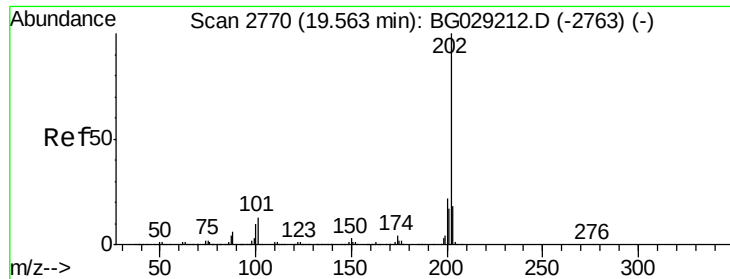


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 2.95 ng/ul

RT: 19.56 min Scan# 2770

Delta R.T. -0.00 min

Lab File: BG029225.D

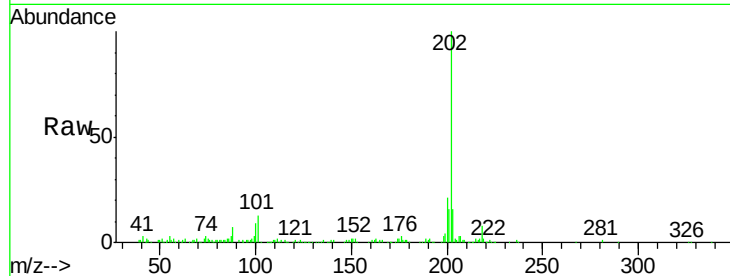
Acq: 14 Oct 2017 13:28

Instrument :

BNA_G

ClientSampleId :

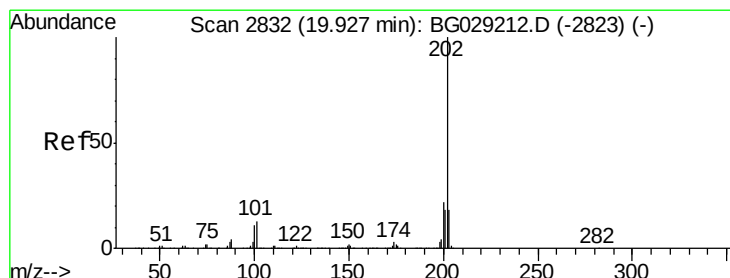
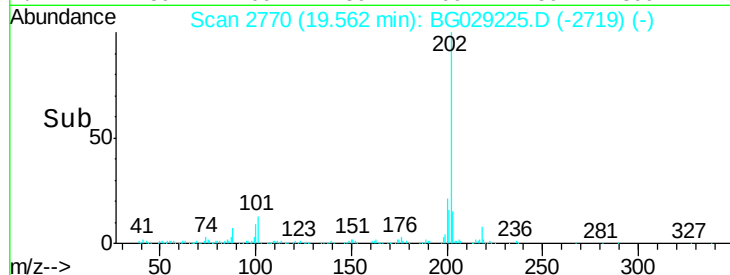
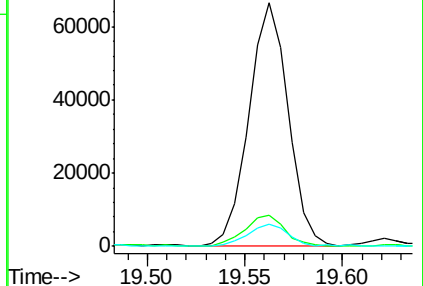
Tot Ion:	202	Resp:	91714
Ion	Ratio	Lower	Upper
202	100		
101	13.0	7.4	11.2#
100	8.9	5.6	8.4#



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: 4.64 ng/ul

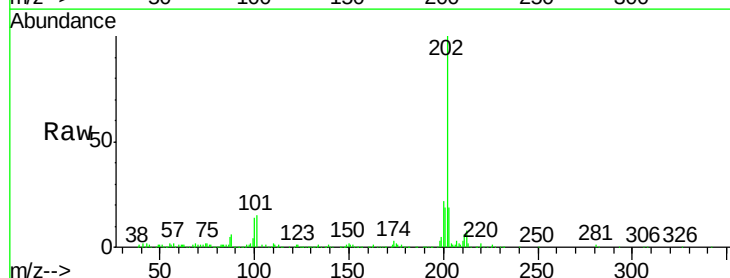
RT: 19.92 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BG029225.D

Acq: 14 Oct 2017 13:28

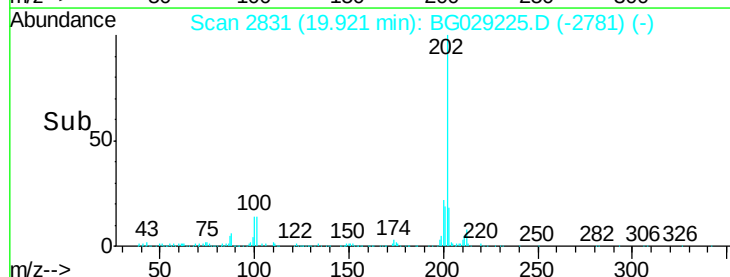
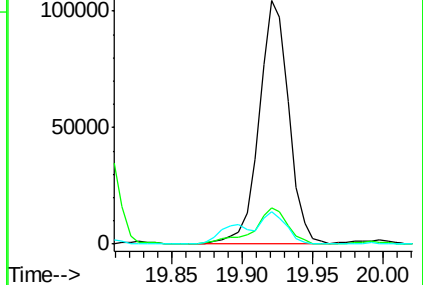
Tgt Ion:	202	Resp:	153400
Ion	Ratio	Lower	Upper
202	100		
101	14.6	8.4	12.6#
100	13.5	7.0	10.6#

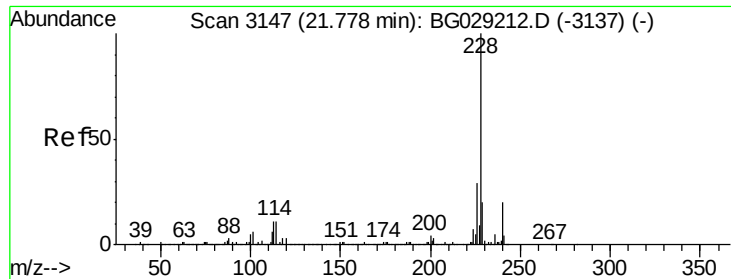


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

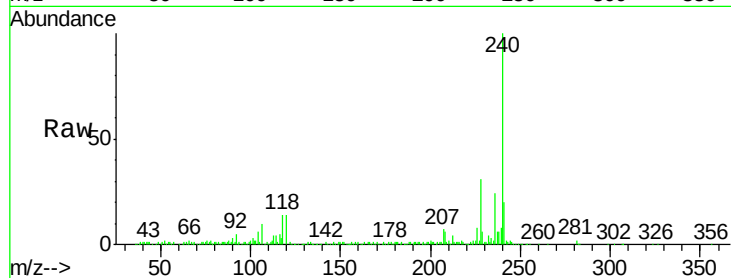




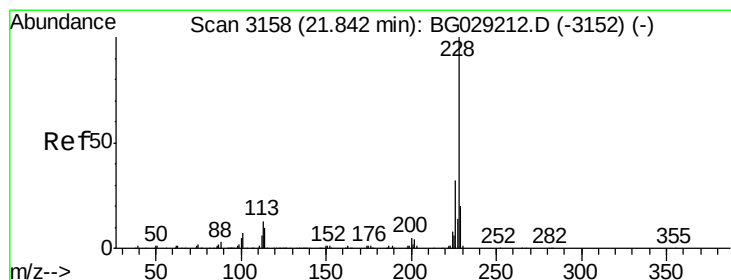
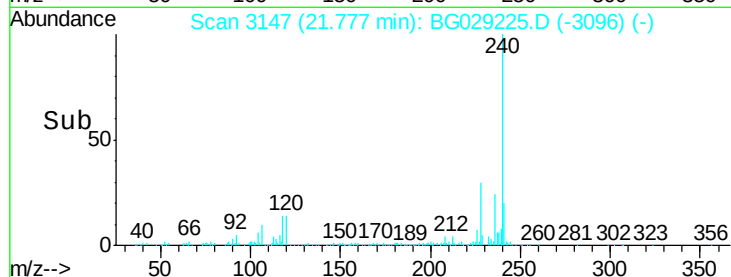
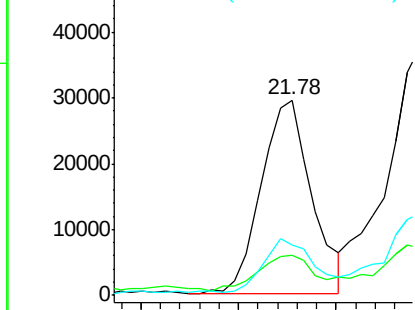
#80
Benzo(a)anthracene
Concen: 1.69 ng/ul
RT: 21.78 min Scan# 3147
Delta R.T. -0.00 min
Lab File: BG029225.D
Acq: 14 Oct 2017 13:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion:228 Resp: 52369
Ion Ratio Lower Upper
228 100
229 20.6 16.2 24.4
226 25.6 22.2 33.2

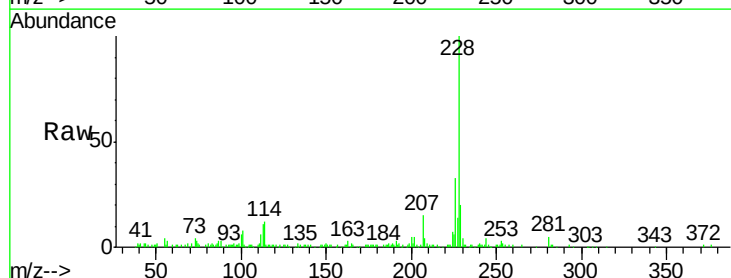


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E

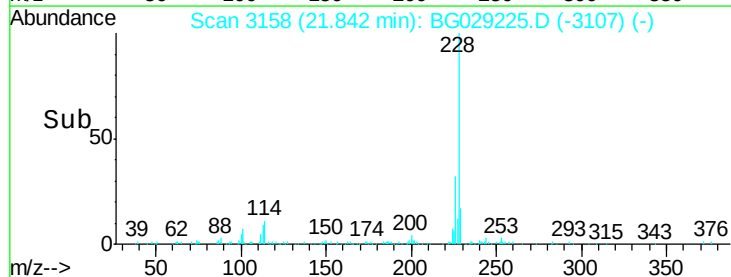
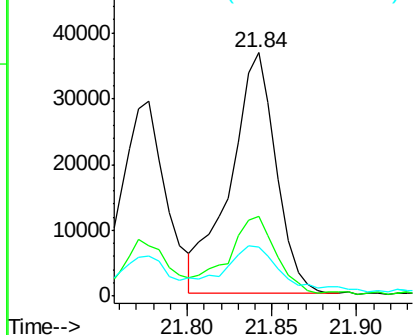


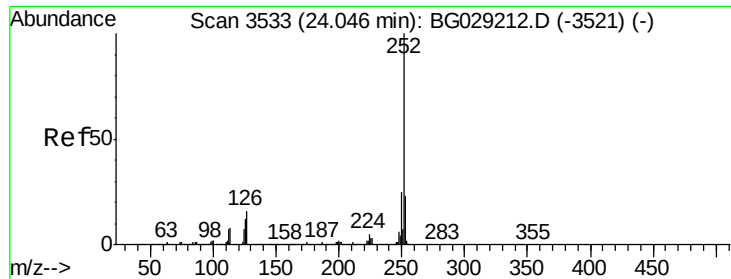
#82
Chrysene
Concen: 2.44 ng/ul
RT: 21.84 min Scan# 3158
Delta R.T. -0.00 min
Lab File: BG029225.D
Acq: 14 Oct 2017 13:28

Tgt Ion:228 Resp: 68533
Ion Ratio Lower Upper
228 100
226 33.0 24.2 36.2
229 20.3 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

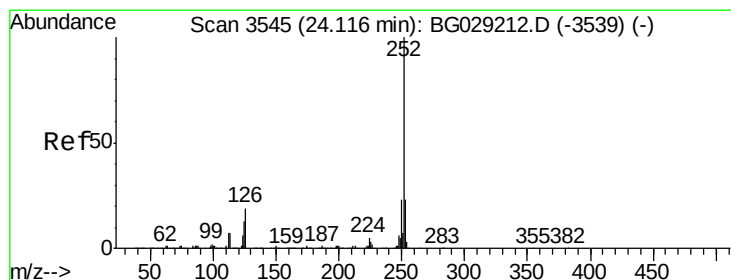
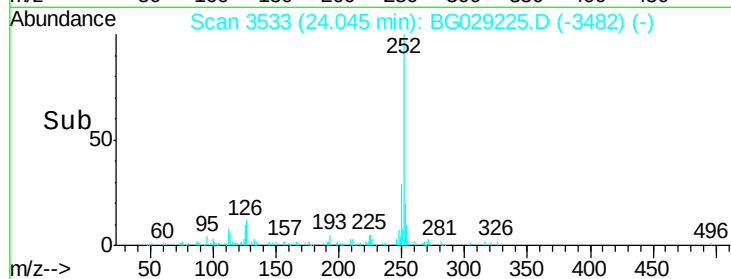
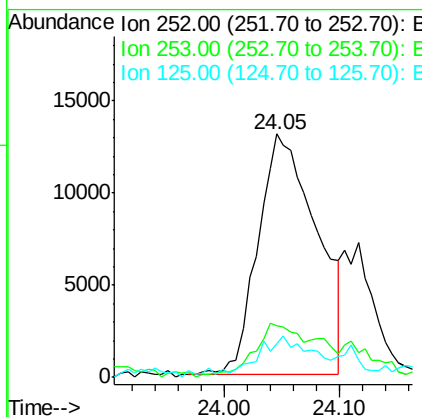
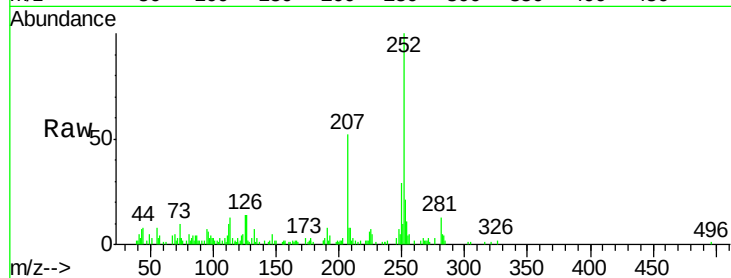




#85
Benzo(b)fluoranthene
Concen: 1.59 ng/ul
RT: 24.05 min Scan# 3533
Delta R.T. -0.00 min
Lab File: BG029225.D
Acq: 14 Oct 2017 13:28

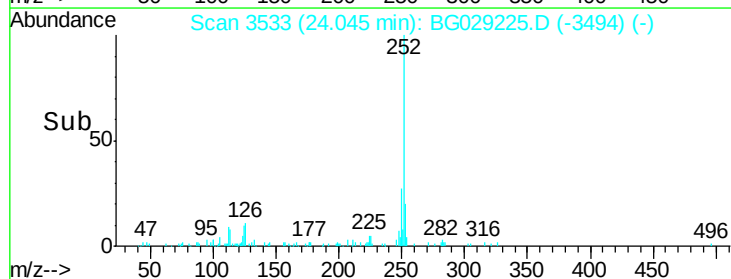
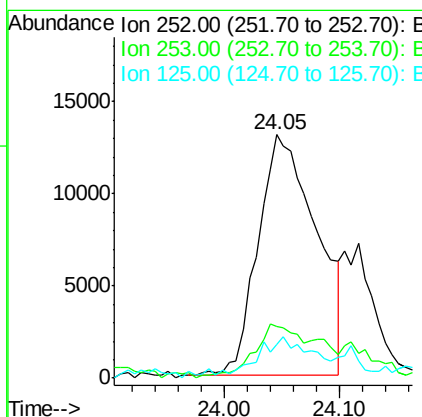
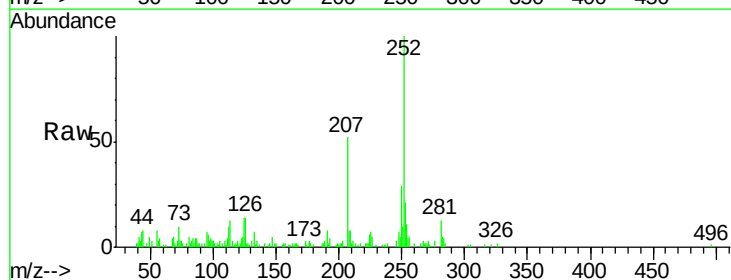
Instrument :
BNA_G
ClientSampleId :

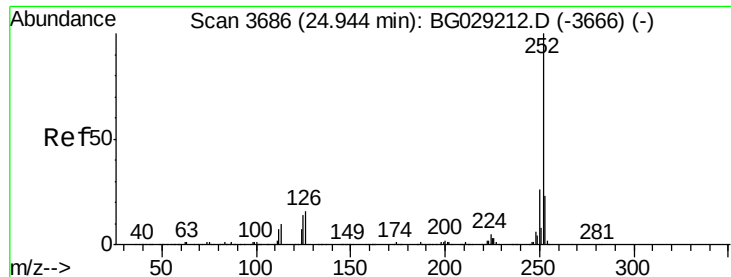
Tot Ion:252 Resp: 46009
Ion Ratio Lower Upper
252 100
253 21.4 17.0 25.4
125 13.7 7.5 11.3#



#86
Benzo(k)fluoranthene
Concen: 1.65 ng/ul
RT: 24.05 min Scan# 3533
Delta R.T. -0.07 min
Lab File: BG029225.D
Acq: 14 Oct 2017 13:28

Tgt Ion:252 Resp: 46009
Ion Ratio Lower Upper
252 100
253 21.4 17.2 25.8
125 13.7 7.8 11.8#





#88

Benzo(a)pyrene

Concen: 1.42 ng/ul

RT: 24.94 min Scan# 3685

Delta R.T. -0.01 min

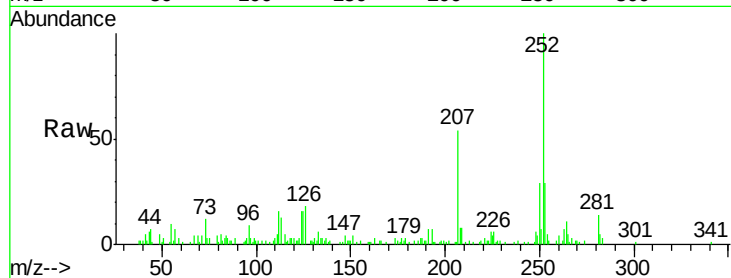
Lab File: BG029225.D

Acq: 14 Oct 2017 13:28

Instrument :

BNA_G

ClientSampleId :



Tot Ion:	252	Resp:	39843
Ion	Ratio	Lower	Upper
252	100		
253	29.0	17.1	25.7#
125	15.5	7.8	11.8#

