

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG110717\
 Data File : BG030812.D
 Acq On : 7 Nov 2017 17:56
 Operator : SJ/JU
 Sample : I6004-07
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0DX7

Quant Time: Nov 08 01:34:06 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 08 01:10:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	54084	20.00	ng/ul	0.00
18) Naphthalene-d8	10.97	136	254845	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	179315	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	444295	20.00	ng/ul	0.00
75) Chrysene-d12	21.78	240	493675	20.00	ng/ul	0.00
83) Perylene-d12	25.09	264	492777	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	6591	4.95	ng/uL	0.00
5) Phenol-d5	7.31	99	118440	22.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	66735	20.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.68	132	95828	26.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	101934	24.31	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	47167	25.78	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	56970	30.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	106071	24.83	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	117729	23.72	ng/ul	0.00
43) Dimethylphthalate-d6	14.16	166	387753	25.29	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	451611	24.22	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	57921	20.47	ng/ul	0.00
57) Fluorene-d10	15.76	176	342999	27.32	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	51272	23.64	ng/ul	0.00
70) Anthracene-d10	17.61	188	532135	25.32	ng/ul	0.00
76) Pyrene-d10	19.89	212	646658	25.31	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.86	264	632887	27.12	ng/ul	0.00

Target Compounds

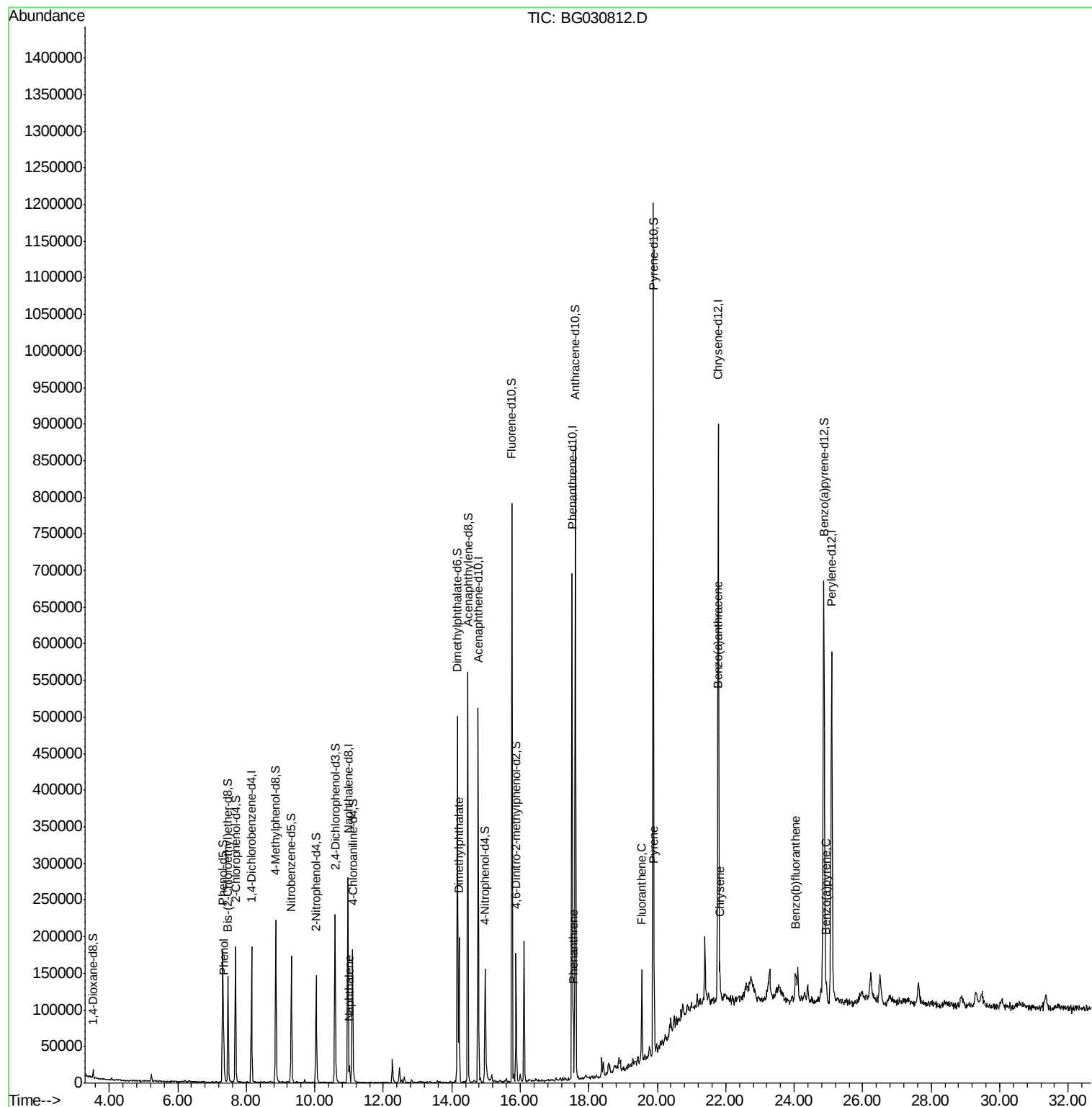
					Ovalue
6) Phenol	7.34	94	35497	6.609 ng/ul	90
28) Naphthalene	11.01	128	20201	1.498 ng/ul	96
44) Dimethylphthalate	14.21	163	146813	9.818 ng/ul	98
69) Phenanthrene	17.55	178	45361	1.889 ng/ul	98
74) Fluoranthene	19.55	202	78520	2.925 ng/ul	100
77) Pyrene	19.91	202	69738	2.108 ng/ul	97
80) Benzo(a)anthracene	21.76	228	36142	1.168 ng/ul	98
82) Chrysene	21.83	228	35548	1.265 ng/ul	99
85) Benzo(b)fluoranthene	24.03	252	43266	1.463 ng/ul	99
88) Benzo(a)pyrene	24.93	252	32016	1.112 ng/ul#	96

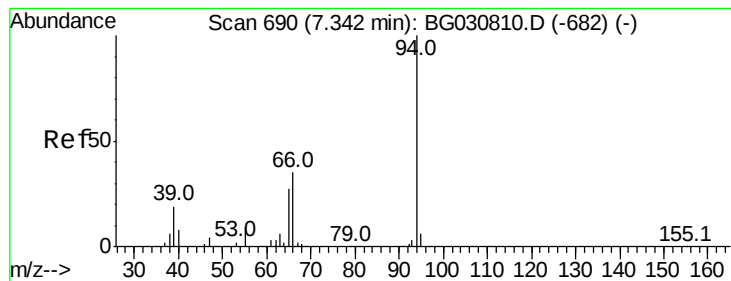
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 6.609 ng/ul

RT: 7.34 min Scan# 690

Delta R.T. 0.00 min

Lab File: BG030812.D

Acq: 7 Nov 2017 17:56

Instrument :

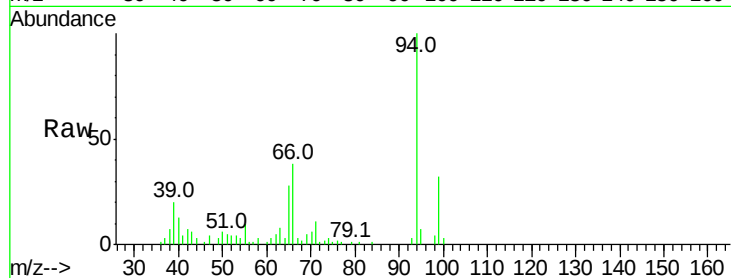
BNA_G

ClientSampleId :

B0DX7

Tot Ion: 94 Resp: 35497

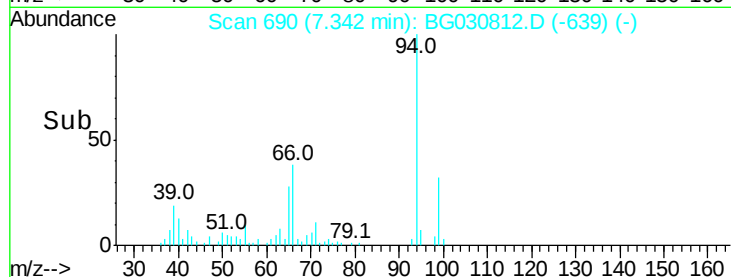
Ion	Ratio	Lower	Upper
94	100		
65	27.5	27.1	40.7
66	37.6	34.6	52.0



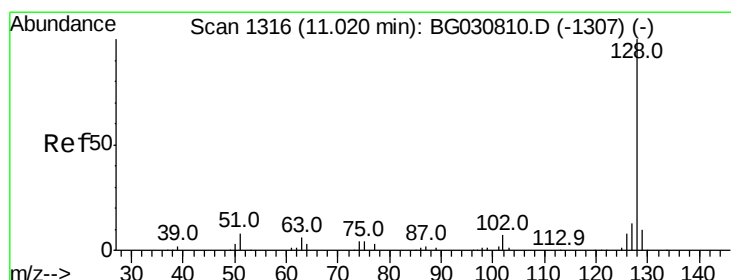
Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC



Time--> 7.25 7.30 7.35 7.40



#28

Naphthalene

Concen: 1.498 ng/ul

RT: 11.01 min Scan# 1315

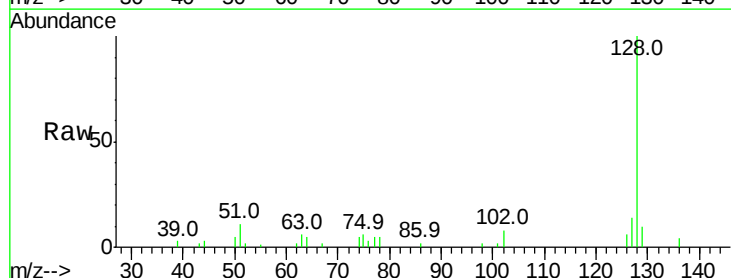
Delta R.T. -0.01 min

Lab File: BG030812.D

Acq: 7 Nov 2017 17:56

Tgt Ion: 128 Resp: 20201

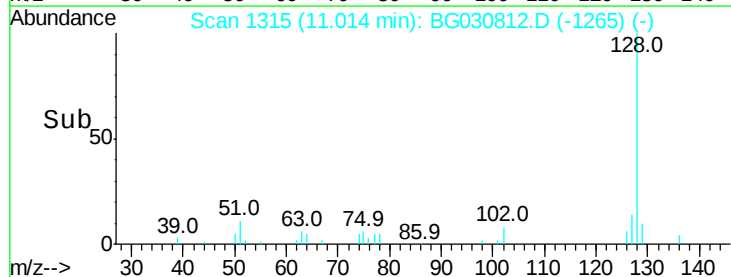
Ion	Ratio	Lower	Upper
128	100		
129	9.5	9.3	13.9
127	14.5	10.7	16.1



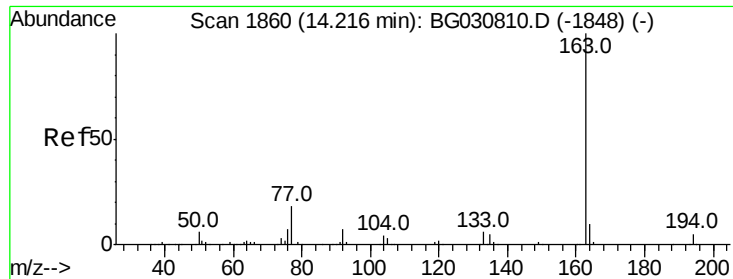
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time--> 10.95 11.00 11.05 11.10



#44

Dimethylphthalate

Concen: 9.818 ng/ul

RT: 14.21 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BG030812.D

Acq: 7 Nov 2017 17:56

Instrument :

BNA_G

ClientSampleId :

B0DX7

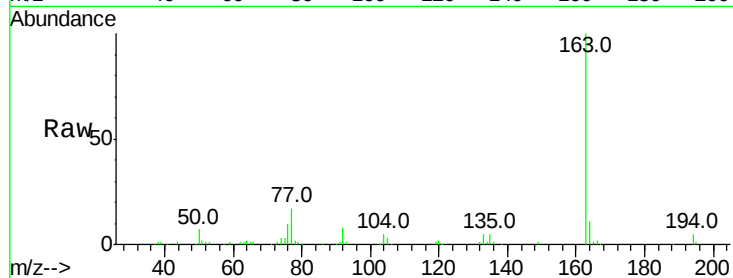
Tot Ion:163 Resp: 146813

Ion Ratio Lower Upper

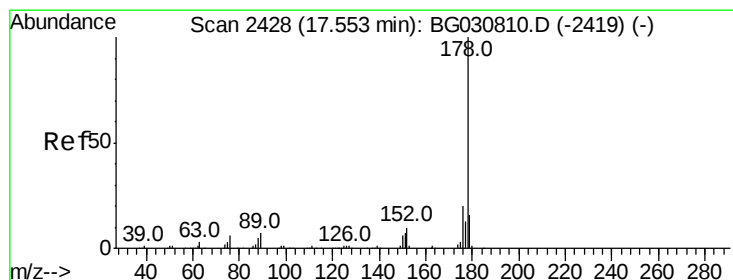
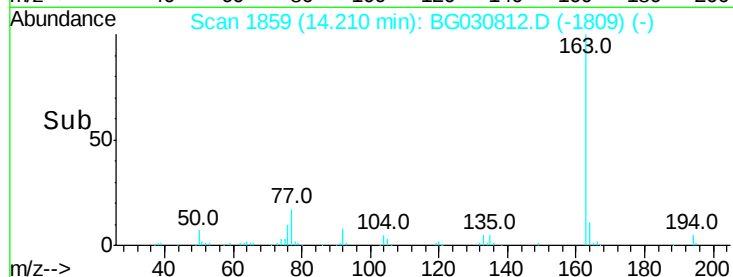
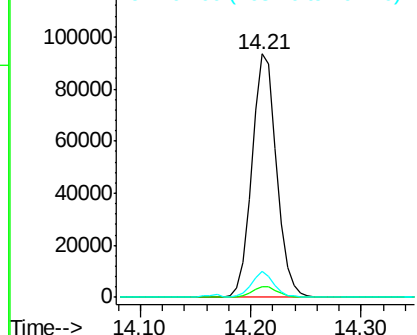
163 100

194 4.6 3.5 5.3

164 10.5 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: 1.889 ng/ul

RT: 17.55 min Scan# 2427

Delta R.T. -0.01 min

Lab File: BG030812.D

Acq: 7 Nov 2017 17:56

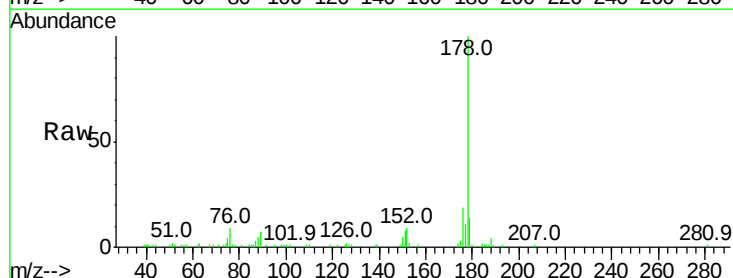
Tgt Ion:178 Resp: 45361

Ion Ratio Lower Upper

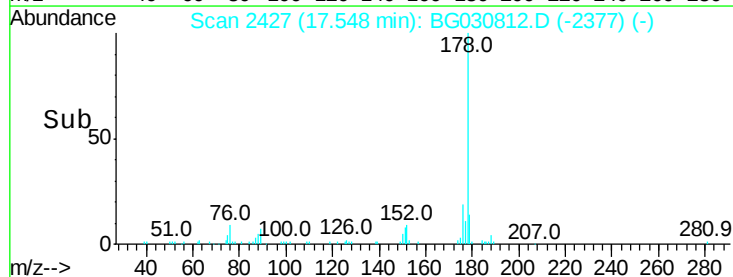
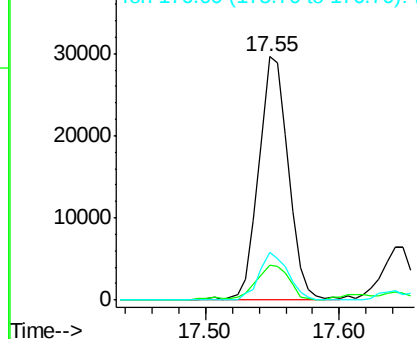
178 100

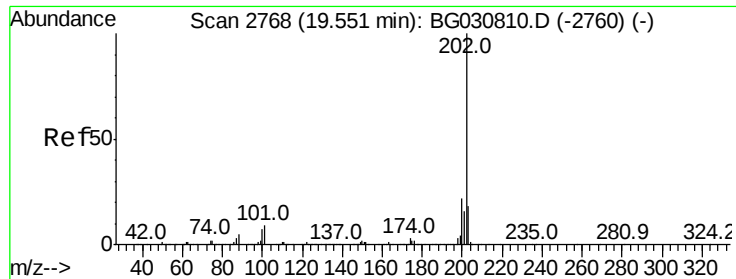
179 14.4 13.0 19.6

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





#74

Fluoranthene

Concen: 2.925 ng/ul

RT: 19.55 min Scan# 2768

Delta R.T. 0.00 min

Lab File: BG030812.D

Acq: 7 Nov 2017 17:56

Instrument :

BNA_G

ClientSampleId :

B0DX7

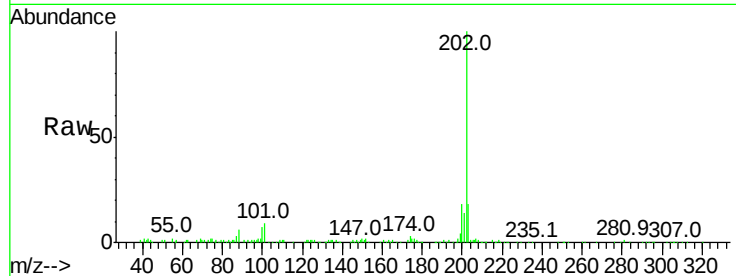
Tot Ion:202 Resp: 78520

Ion Ratio Lower Upper

202 100

101 9.2 7.4 11.2

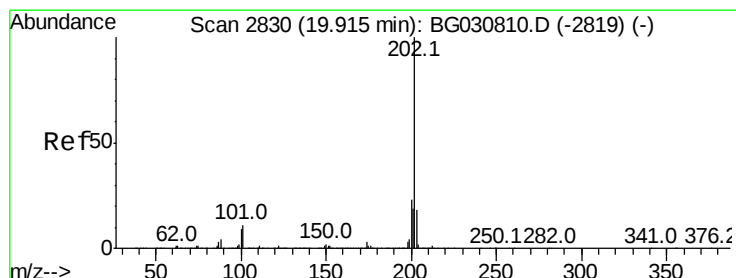
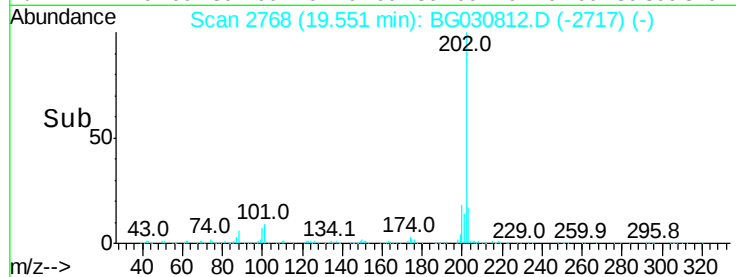
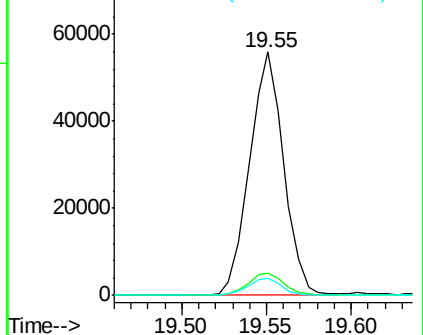
100 7.0 5.6 8.4



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: 2.108 ng/ul

RT: 19.91 min Scan# 2829

Delta R.T. -0.01 min

Lab File: BG030812.D

Acq: 7 Nov 2017 17:56

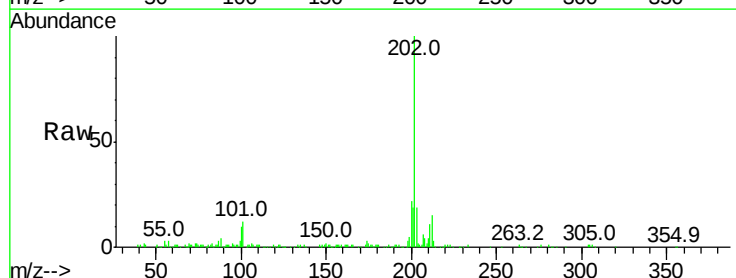
Tgt Ion:202 Resp: 69738

Ion Ratio Lower Upper

202 100

101 11.6 8.4 12.6

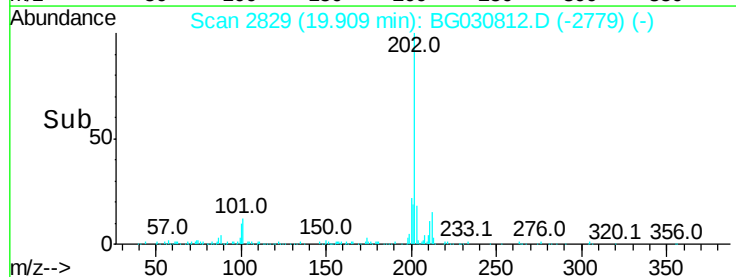
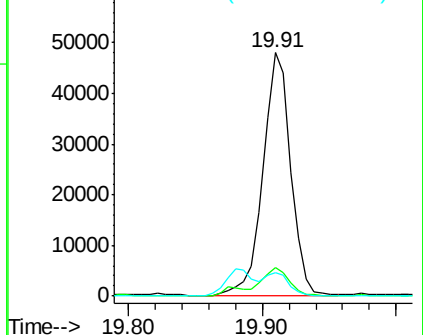
100 9.8 7.0 10.6

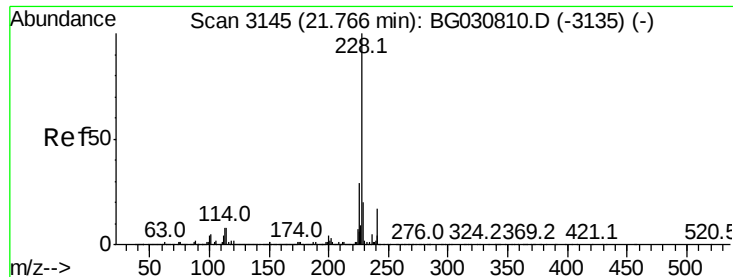


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 1.168 ng/ul

RT: 21.76 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG030812.D

Acq: 7 Nov 2017 17:56

Instrument :

BNA_G

ClientSampleId :

B0DX7

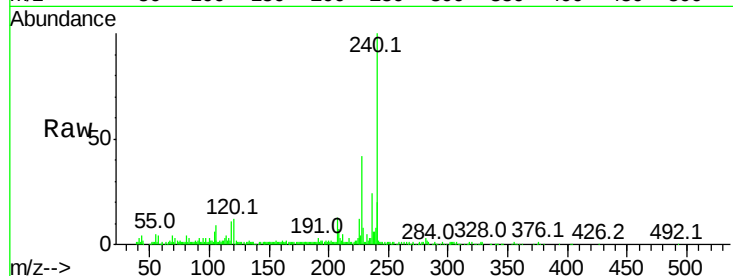
Tot Ion:228 Resp: 36142

Ion Ratio Lower Upper

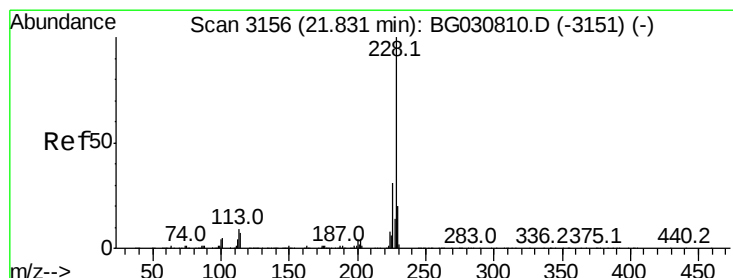
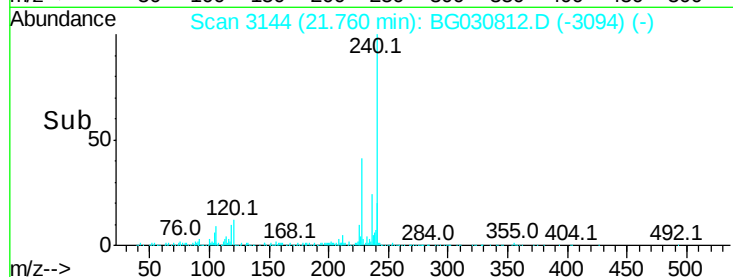
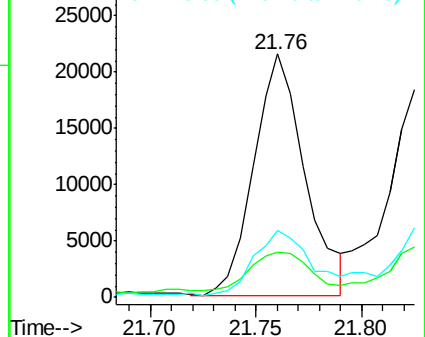
228 100

229 18.6 16.2 24.4

226 27.6 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: 1.265 ng/ul

RT: 21.83 min Scan# 3156

Delta R.T. 0.00 min

Lab File: BG030812.D

Acq: 7 Nov 2017 17:56

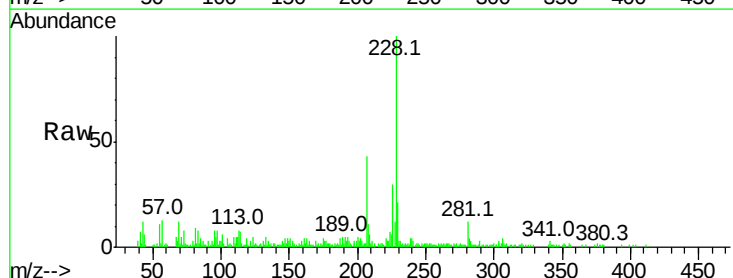
Tgt Ion:228 Resp: 35548

Ion Ratio Lower Upper

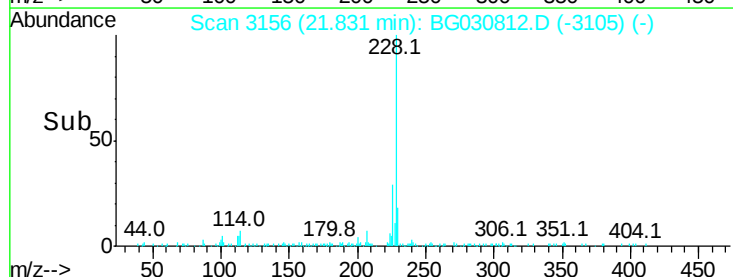
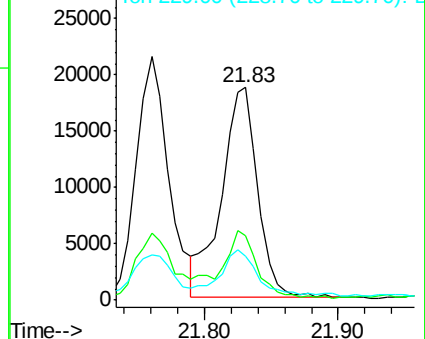
228 100

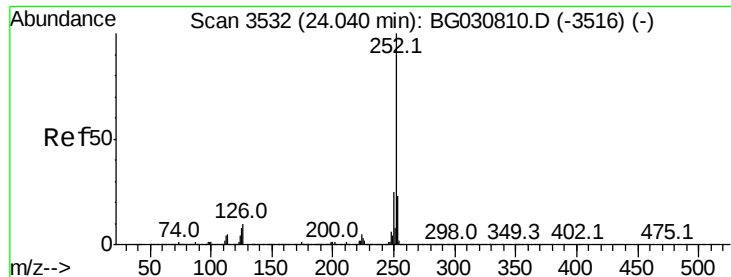
226 30.3 24.2 36.2

229 20.5 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

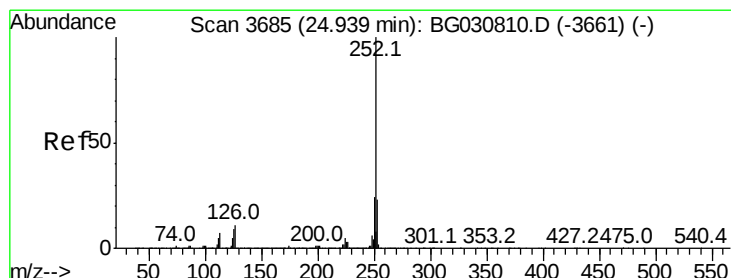
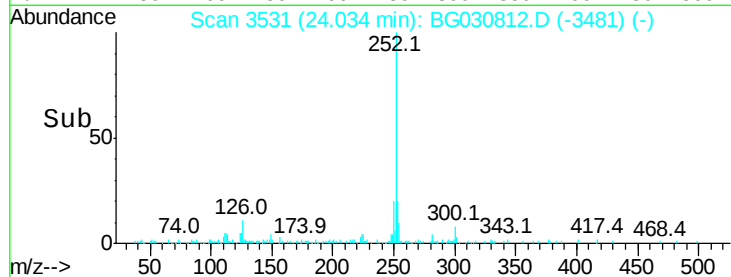
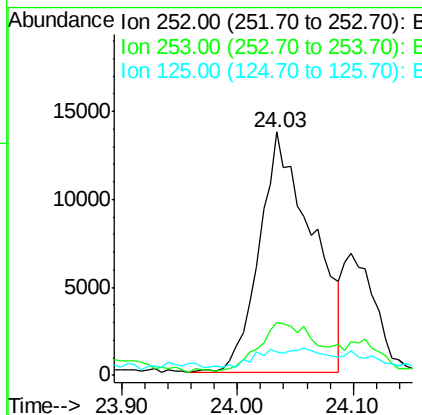
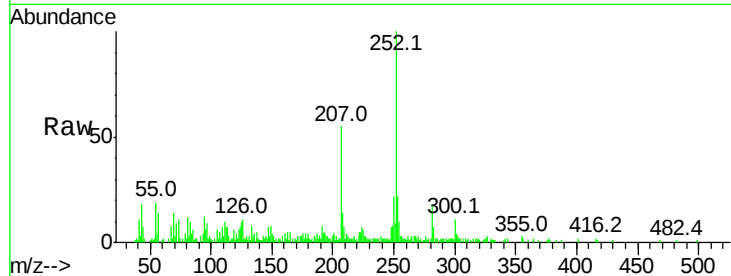




#85
Benzo(b)fluoranthene
Concen: 1.463 ng/ul
RT: 24.03 min Scan# 3531
Delta R.T. -0.01 min
Lab File: BG030812.D
Acq: 7 Nov 2017 17:56

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Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.4
125	9.5	7.5	11.3



#88
Benzo(a)pyrene
Concen: 1.112 ng/ul
RT: 24.93 min Scan# 3684
Delta R.T. -0.01 min
Lab File: BG030812.D
Acq: 7 Nov 2017 17:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.1	25.7
125	12.1	7.8	11.8#

