

Data File : BG030763.D
Acq On : 6 Nov 2017 6:37
Operator : SJ/JU
Sample : I6126-17
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0EH6

Quant Time: Nov 06 07:45:09 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 06 01:27:00 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	86241	20.00	ng/ul	0.00
18) Naphthalene-d8	10.97	136	399692	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	272673	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	662056	20.00	ng/ul	0.00
75) Chrysene-d12	21.78	240	678441	20.00	ng/ul	0.00
83) Perylene-d12	25.10	264	701889	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	8040	3.79	ng/uL	0.00
5) Phenol-d5	7.32	99	166302	20.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	97303	18.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	135464	23.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	116282	17.39	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	68836	23.99	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	82133	27.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	150409	22.45	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	149368	19.19	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	515780	22.13	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	646252	22.80	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	78802	18.31	ng/ul	0.00
57) Fluorene-d10	15.76	176	485643	25.44	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	21189	6.56	ng/ul	0.00
70) Anthracene-d10	17.61	188	726927	23.22	ng/ul	0.00
76) Pyrene-d10	19.89	212	834484	23.76	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.87	264	815083	24.52	ng/ul	0.02

Target Compounds

						Qvalue
6) Phenol	7.34	94	30144	3.52	ng/ul	92
44) Dimethylphthalate	14.22	163	189143	8.32	ng/ul	99
69) Phenanthrene	17.55	178	85494	2.39	ng/ul	98
74) Fluoranthene	19.55	202	108296	2.71	ng/ul	98
77) Pyrene	19.91	202	125676	2.76	ng/ul	99
80) Benzo(a)anthracene	21.77	228	57800	1.36	ng/ul	99
82) Chrysene	21.83	228	67198	1.74	ng/ul	96
85) Benzo(b)fluoranthene	24.04	252	69417	1.65	ng/ul	95
86) Benzo(k)fluoranthene	24.04	252	69417	1.70	ng/ul	96
88) Benzo(a)pyrene	24.94	252	52672	1.28	ng/ul	93

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

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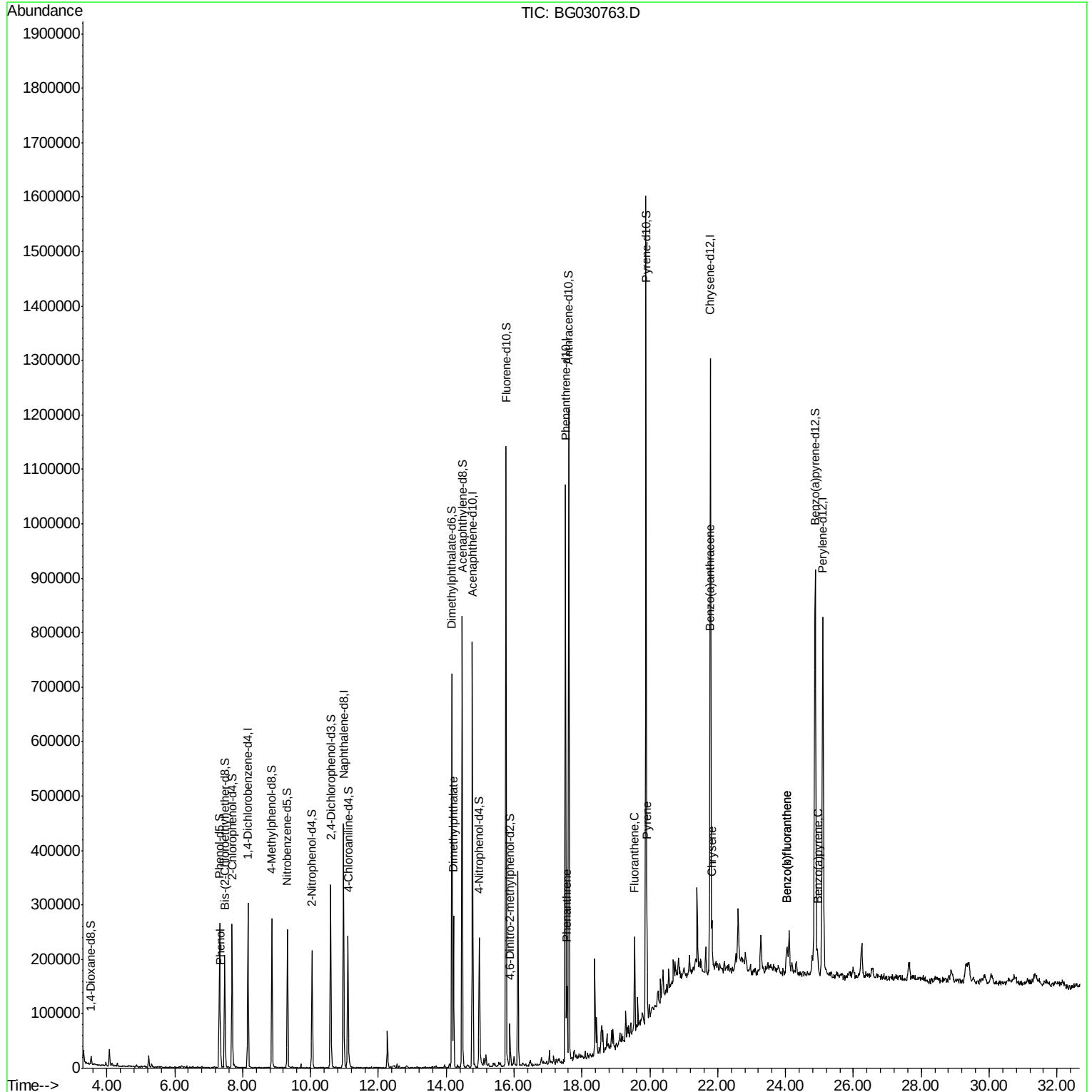
Quant Time: Nov 06 07:45:09 2017

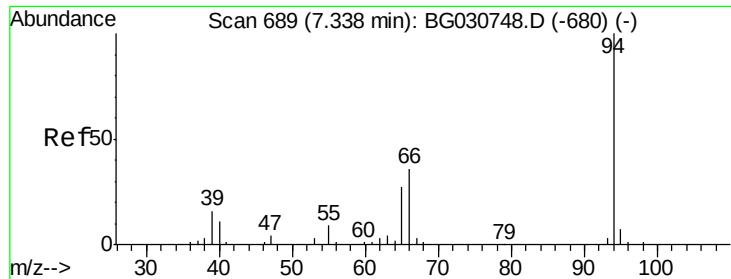
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M

Quant Title : SVOA CALIBRATION

QLast Update : Mon Nov 06 01:27:00 2017

Response via : Initial Calibration





#6

Phenol

Concen: 3.52 ng/ul

RT: 7.34 min Scan# 690

Delta R.T. 0.00 min

Lab File: BG030763.D

Acq: 6 Nov 2017 6:37

Instrument :

BNA_G

ClientSampleId :

B0EH6

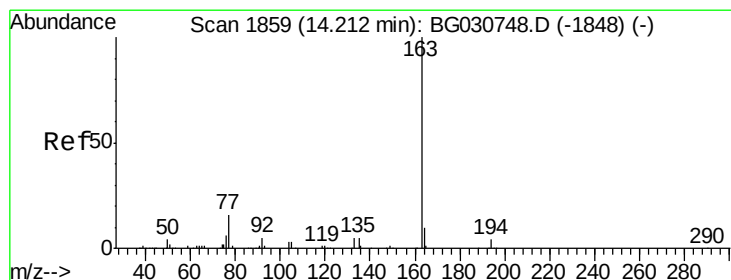
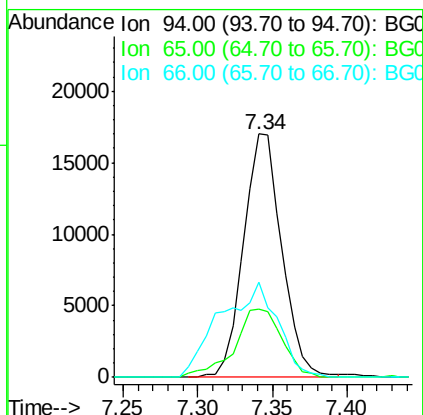
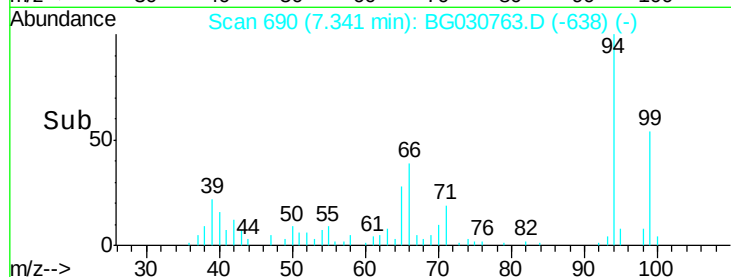
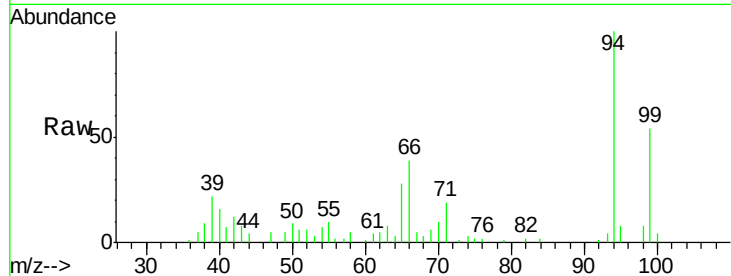
Tgt Ion: 94 Resp: 30144

Ion Ratio Lower Upper

94 100

65 28.1 27.1 40.7

66 39.2 34.6 52.0



#44

Dimethylphthalate

Concen: 8.32 ng/ul

RT: 14.22 min Scan# 1860

Delta R.T. 0.00 min

Lab File: BG030763.D

Acq: 6 Nov 2017 6:37

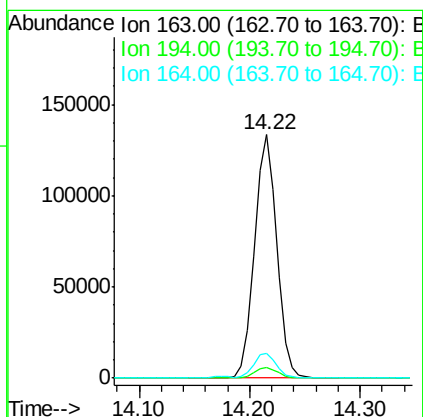
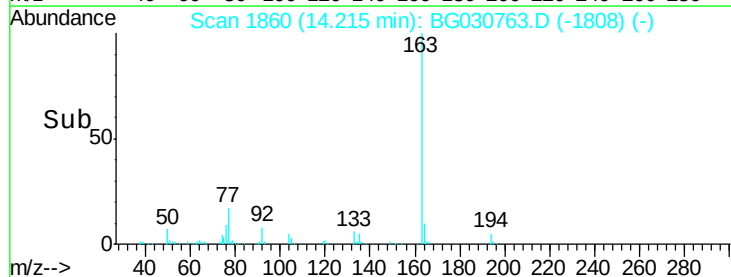
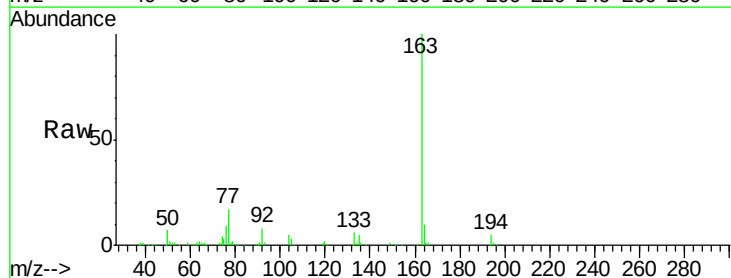
Tgt Ion: 163 Resp: 189143

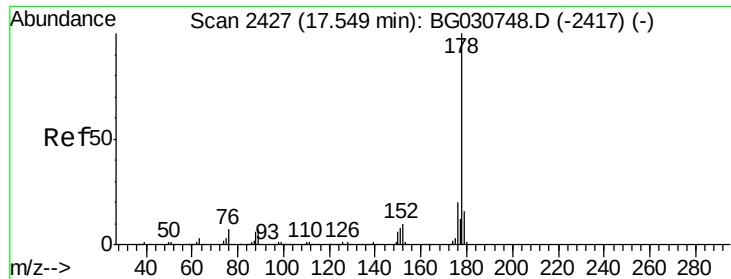
Ion Ratio Lower Upper

163 100

194 4.6 3.5 5.3

164 10.2 7.6 11.4





#69

Phenanthrene

Concen: 2.39 ng/ul

RT: 17.55 min Scan# 2428

Delta R.T. 0.00 min

Lab File: BG030763.D

Acq: 6 Nov 2017 6:37

Instrument :

BNA_G

ClientSampleId :

B0EH6

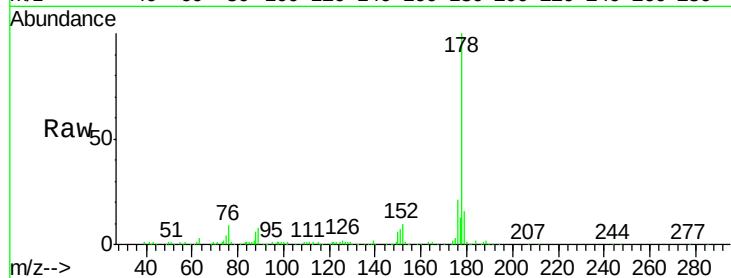
Tgt Ion:178 Resp: 85494

Ion Ratio Lower Upper

178 100

179 16.1 13.0 19.6

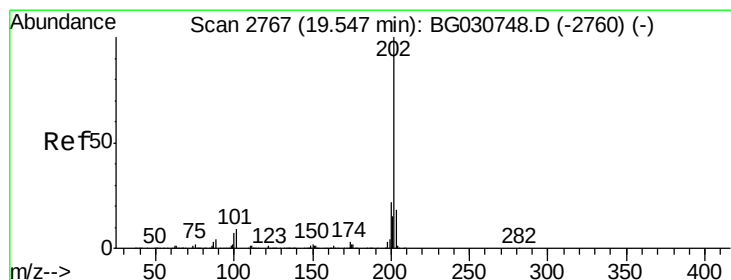
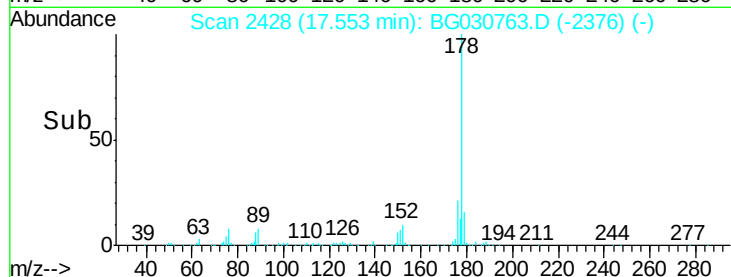
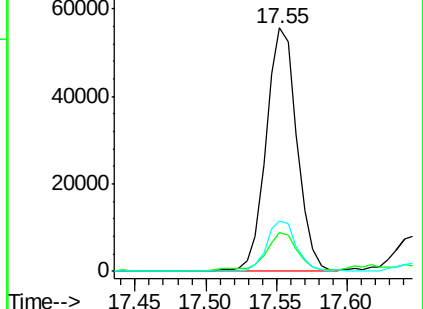
176 20.8 15.3 22.9



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: 2.71 ng/ul

RT: 19.55 min Scan# 2768

Delta R.T. 0.00 min

Lab File: BG030763.D

Acq: 6 Nov 2017 6:37

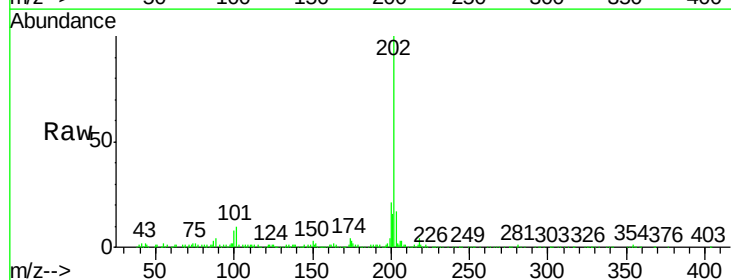
Tgt Ion:202 Resp: 108296

Ion Ratio Lower Upper

202 100

101 9.9 7.4 11.2

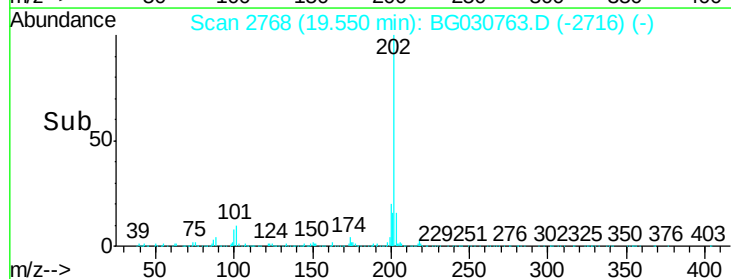
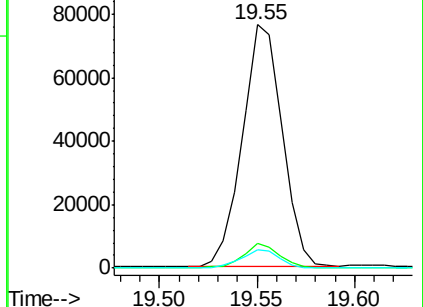
100 7.8 5.6 8.4

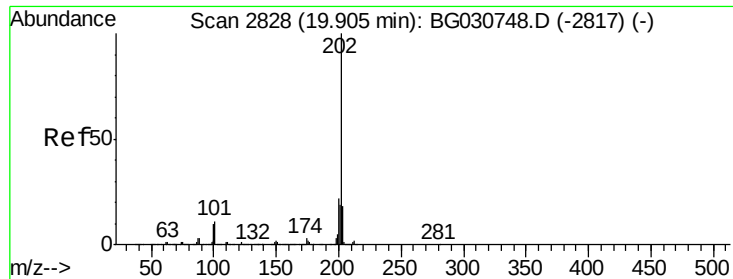


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#77

Pyrene

Concen: 2.76 ng/ul

RT: 19.91 min Scan# 2830

Delta R.T. 0.01 min

Lab File: BG030763.D

Acq: 6 Nov 2017 6:37

Instrument :

BNA_G

ClientSampleId :

B0EH6

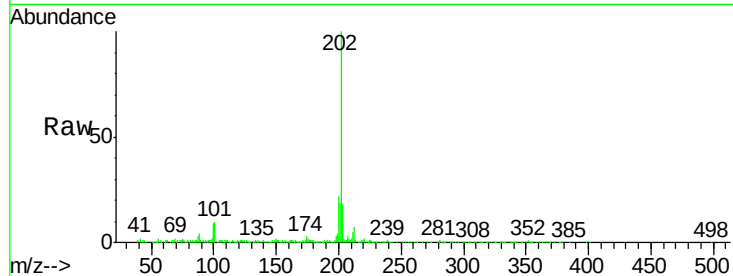
Tgt Ion:202 Resp: 125676

Ion Ratio Lower Upper

202 100

101 10.0 8.4 12.6

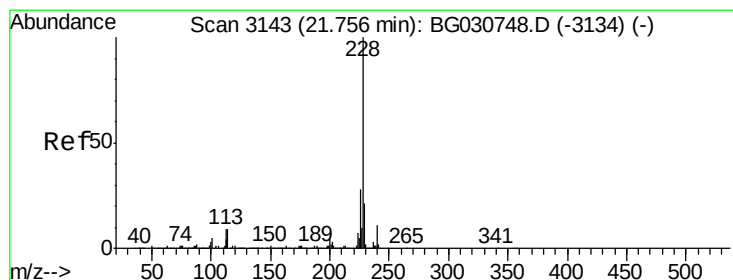
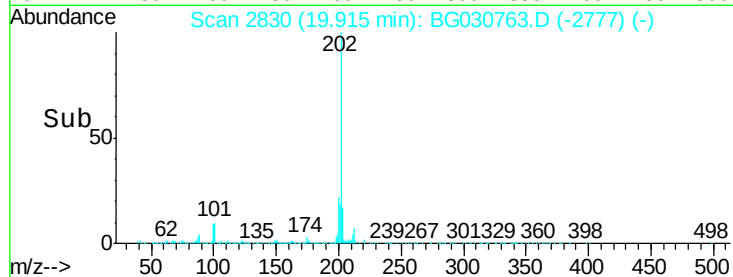
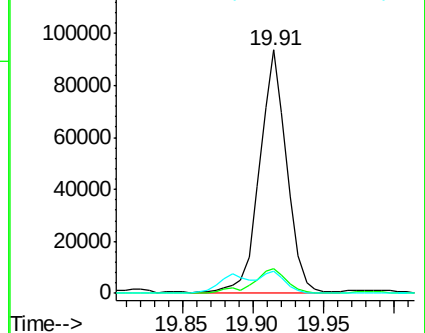
100 9.2 7.0 10.6



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): E



#80

Benzo(a)anthracene

Concen: 1.36 ng/ul

RT: 21.77 min Scan# 3145

Delta R.T. 0.01 min

Lab File: BG030763.D

Acq: 6 Nov 2017 6:37

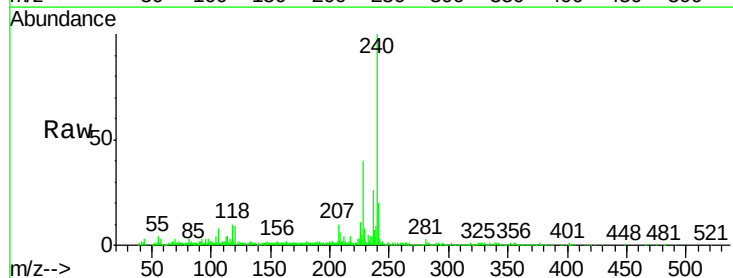
Tgt Ion:228 Resp: 57800

Ion Ratio Lower Upper

228 100

229 21.1 16.2 24.4

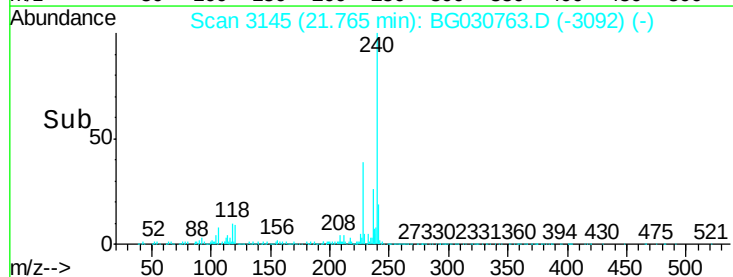
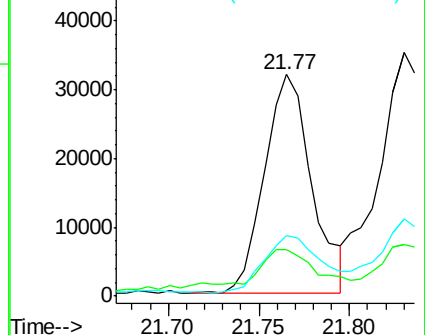
226 27.4 22.2 33.2

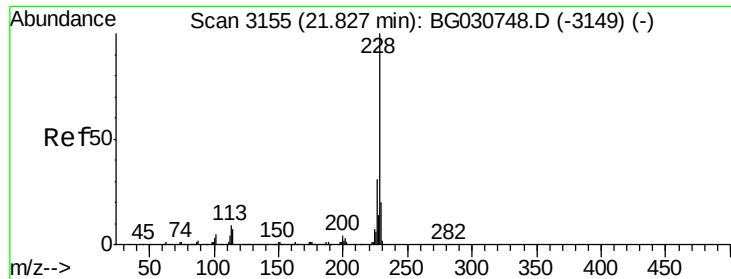


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 1.74 ng/ul

RT: 21.83 min Scan# 3156

Delta R.T. 0.00 min

Lab File: BG030763.D

Acq: 6 Nov 2017 6:37

Instrument :

BNA_G

ClientSampleId :

B0EH6

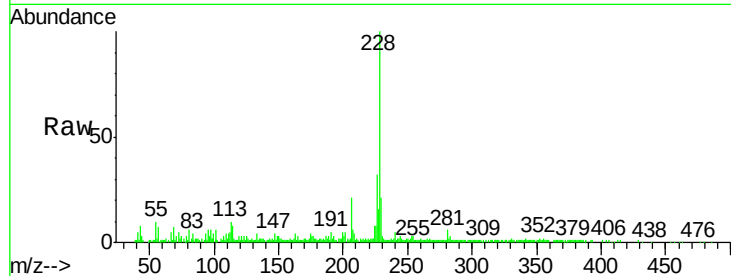
Tgt Ion:228 Resp: 67198

Ion Ratio Lower Upper

228 100

226 31.8 24.2 36.2

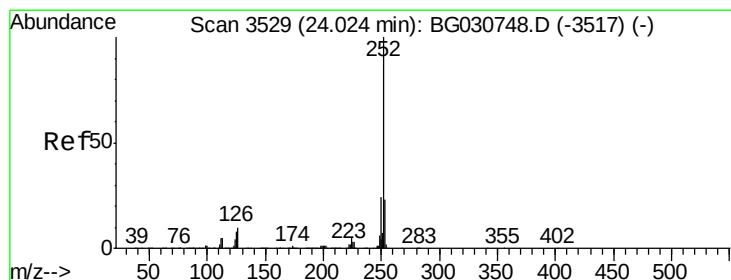
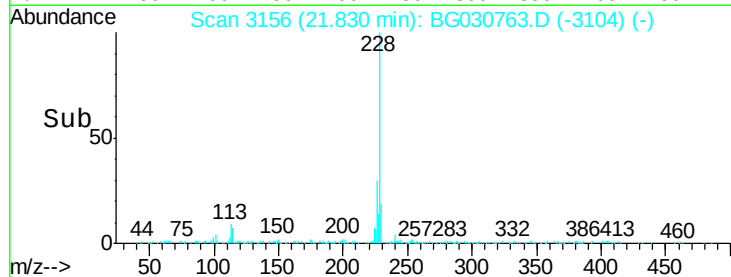
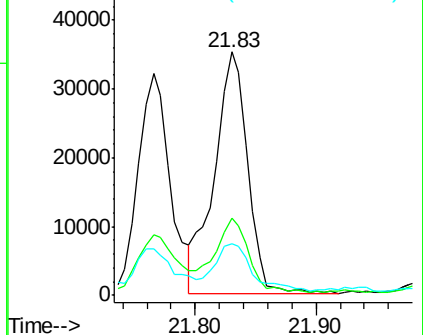
229 21.3 15.2 22.8



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: 1.65 ng/ul

RT: 24.04 min Scan# 3532

Delta R.T. 0.02 min

Lab File: BG030763.D

Acq: 6 Nov 2017 6:37

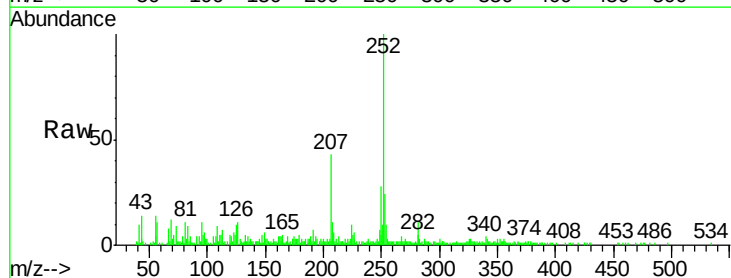
Tgt Ion:252 Resp: 69417

Ion Ratio Lower Upper

252 100

253 24.3 17.0 25.4

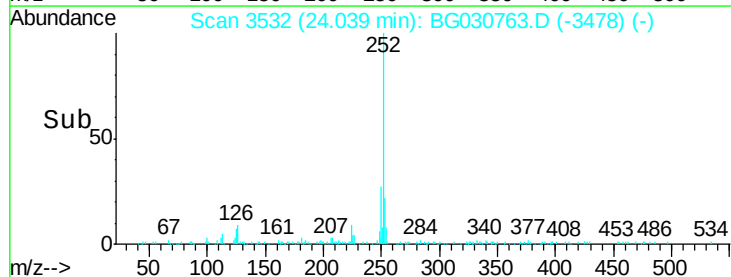
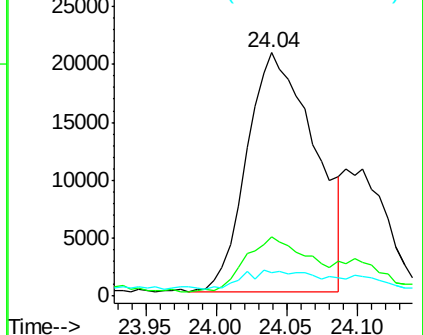
125 9.8 7.5 11.3

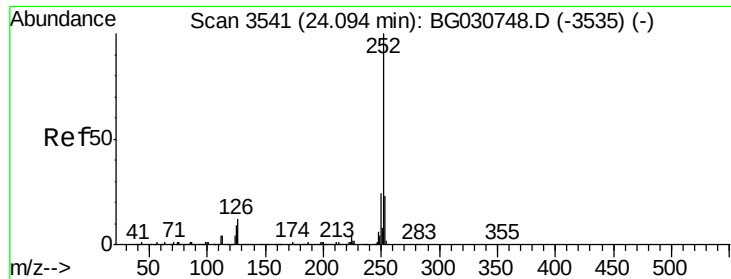


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 1.70 ng/ul

RT: 24.04 min Scan# 3532

Delta R.T. -0.06 min

Lab File: BG030763.D

Acq: 6 Nov 2017 6:37

Instrument :

BNA_G

ClientSampled :

B0EH6

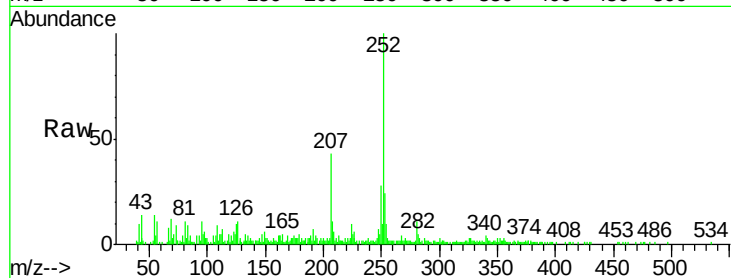
Tgt Ion:252 Resp: 69417

Ion Ratio Lower Upper

252 100

253 24.3 17.2 25.8

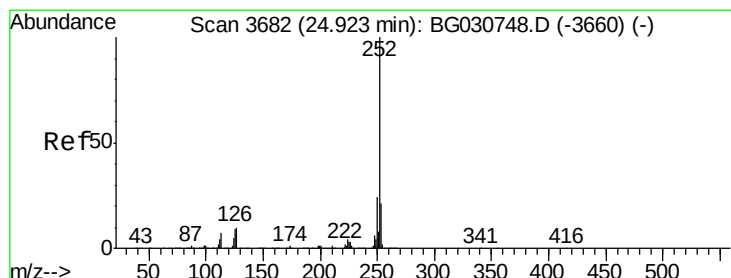
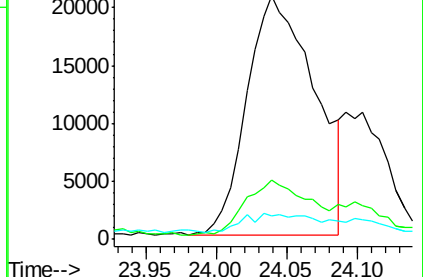
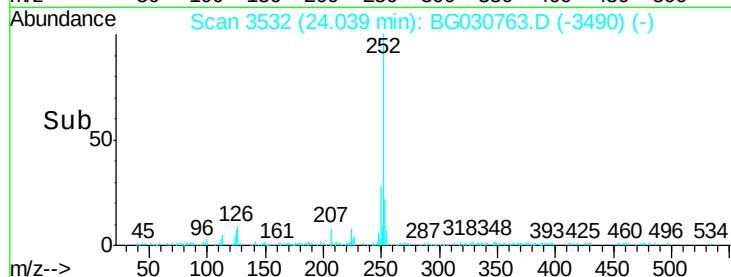
125 9.8 7.8 11.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(a)pyrene

Concen: 1.28 ng/ul

RT: 24.94 min Scan# 3686

Delta R.T. 0.02 min

Lab File: BG030763.D

Acq: 6 Nov 2017 6:37

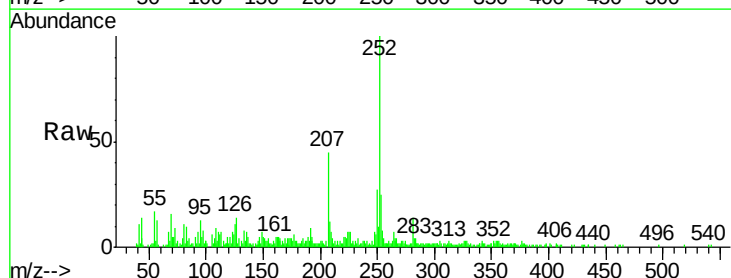
Tgt Ion:252 Resp: 52672

Ion Ratio Lower Upper

252 100

253 25.0 17.1 25.7

125 11.3 7.8 11.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

