

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110617\
 Data File : BG030801.D
 Acq On : 7 Nov 2017 7:26
 Operator : SJ/JU
 Sample : I6188-17
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0EN4

Quant Time: Nov 07 08:22:33 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 07 08:04:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	73289	20.00	ng/ul	0.00
18) Naphthalene-d8	10.97	136	338927	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	222437	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	502951	20.00	ng/ul	0.00
75) Chrysene-d12	21.78	240	556616	20.00	ng/ul	0.00
83) Perylene-d12	25.10	264	573072	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	8715	4.83	ng/uL	0.00
5) Phenol-d5	7.31	99	187309	26.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	111579	25.35	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	154347	31.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	116688	20.54	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	80675	33.16	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	95857	38.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	169030	29.75	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	155082	23.50	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	544420	28.63	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	686778	29.70	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	85074	24.23	ng/ul	0.00
57) Fluorene-d10	15.76	176	501113	32.17	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	40124	16.34	ng/ul	0.00
70) Anthracene-d10	17.61	188	743905	31.27	ng/ul	0.00
76) Pyrene-d10	19.89	212	872577	30.28	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.87	264	905272	33.35	ng/ul	0.00

Target Compounds

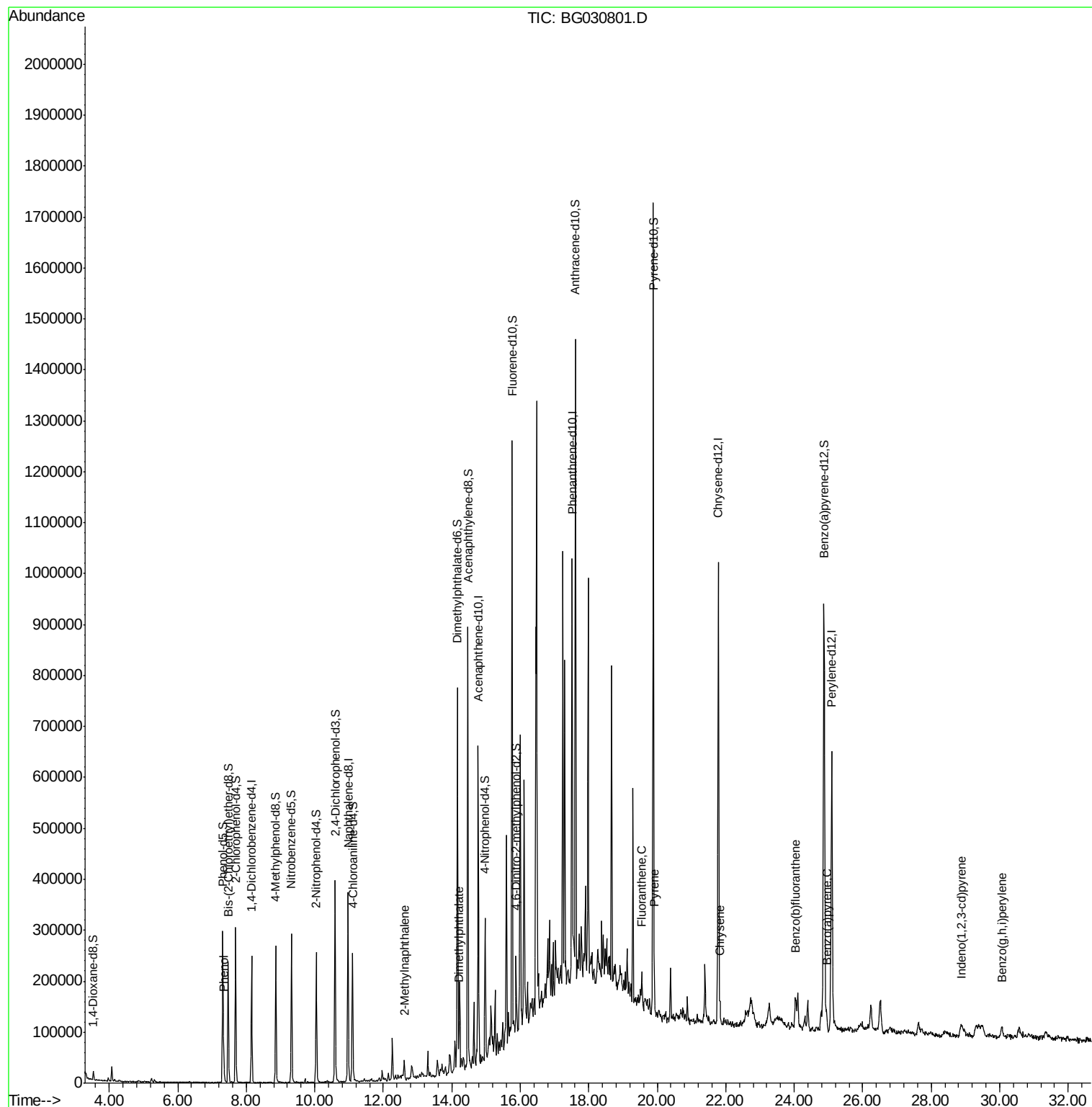
					Qvalue
6) Phenol	7.34	94	22236	3.055 ng/ul	91
34) 2-Methylnaphthalene	12.61	142	20069	1.352 ng/ul	99
44) Dimethylphthalate	14.21	163	40797	2.199 ng/ul	99
74) Fluoranthene	19.55	202	37052	1.219 ng/ul	100
77) Pyrene	19.91	202	39102	1.048 ng/ul	100
82) Chrysene	21.83	228	34531	1.089 ng/ul	93
85) Benzo(b)fluoranthene	24.03	252	69541	2.021 ng/ul#	98
88) Benzo(a)pyrene	24.94	252	43378	1.295 ng/ul	95
89) Indeno(1,2,3-cd)pyrene	28.87	276	44759	1.181 ng/ul#	96
91) Benzo(g,h,i)perylene	30.07	276	37628	1.198 ng/ul#	92

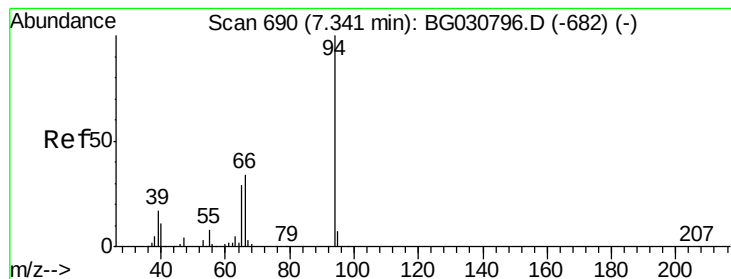
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 3.055 ng/ul

RT: 7.34 min Scan# 690

Delta R.T. -0.00 min

Lab File: BG030801.D

Acq: 7 Nov 2017 7:26

Instrument :

BNA_G

ClientSampleId :

B0EN4

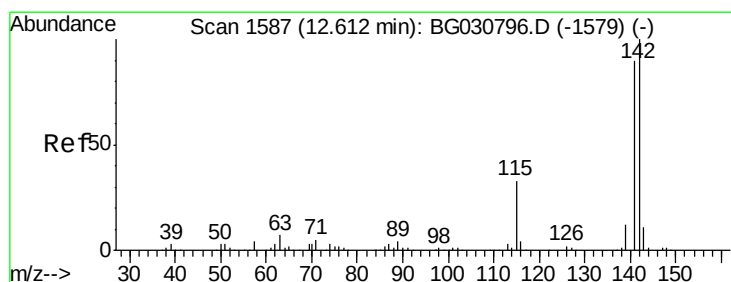
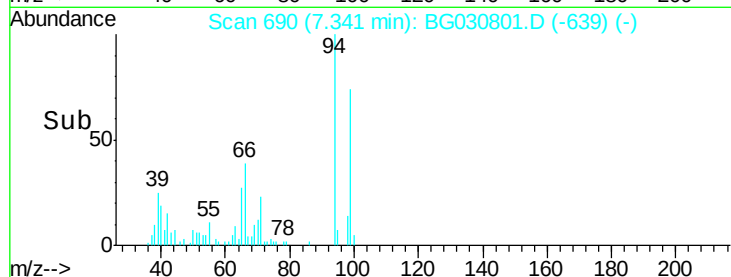
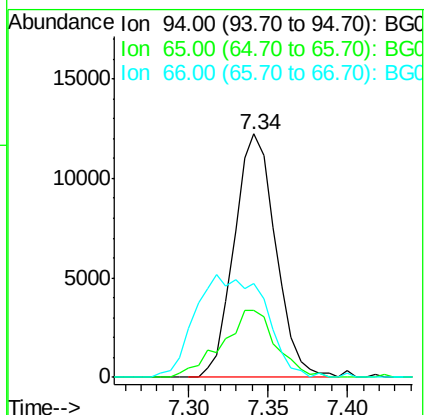
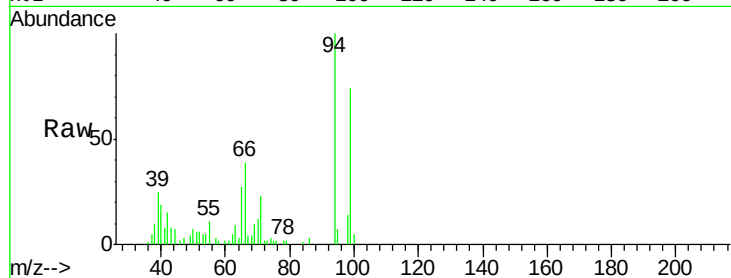
Tgt Ion: 94 Resp: 22236

Ion Ratio Lower Upper

94 100

65 27.3 27.1 40.7

66 38.5 34.6 52.0



#34

2-Methylnaphthalene

Concen: 1.352 ng/ul

RT: 12.61 min Scan# 1587

Delta R.T. 0.00 min

Lab File: BG030801.D

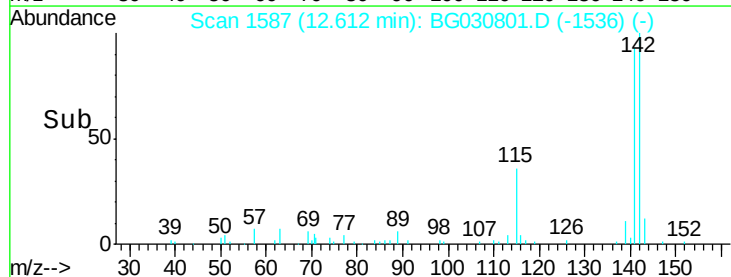
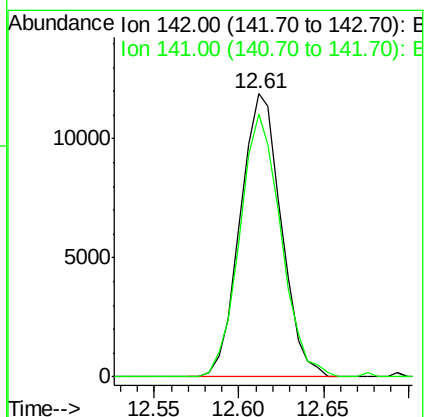
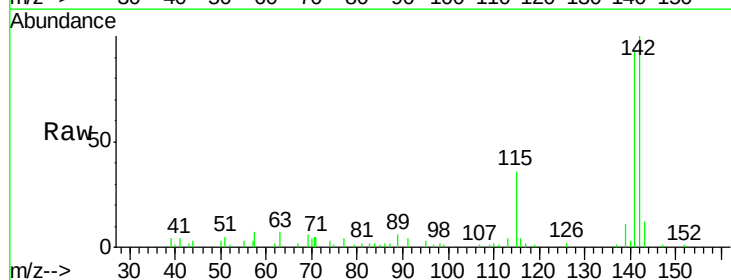
Acq: 7 Nov 2017 7:26

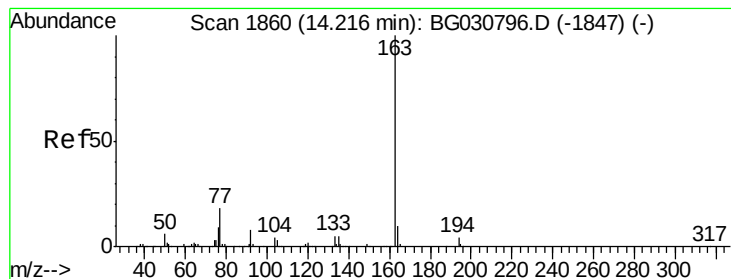
Tgt Ion: 142 Resp: 20069

Ion Ratio Lower Upper

142 100

141 93.0 75.4 113.0





#44

Dimethylphthalate

Concen: 2.199 ng/ul

RT: 14.21 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BG030801.D

Acq: 7 Nov 2017 7:26

Instrument :

BNA_G

ClientSampleId :

B0EN4

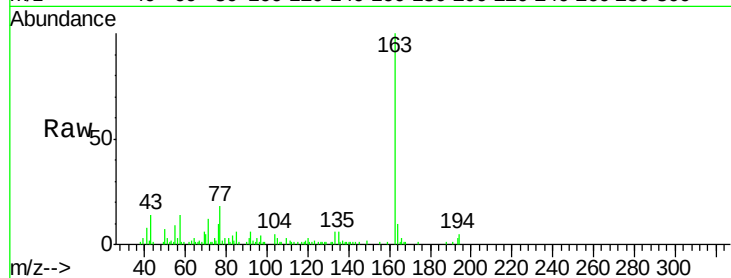
Tgt Ion:163 Resp: 40797

Ion Ratio Lower Upper

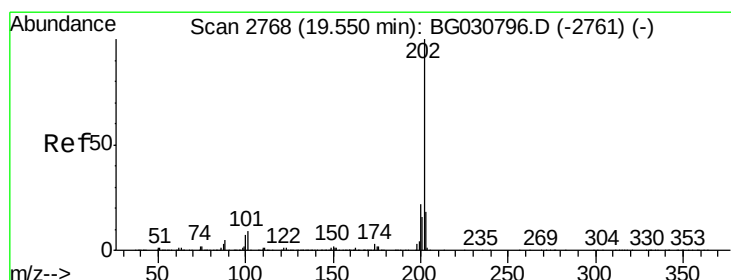
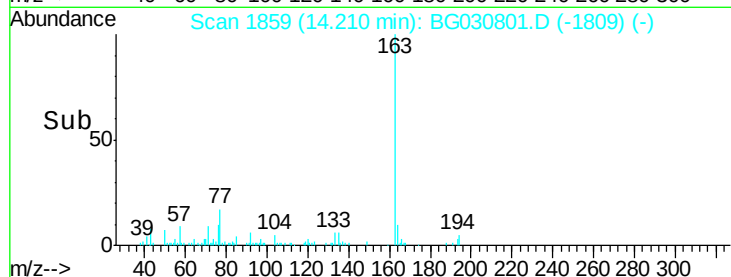
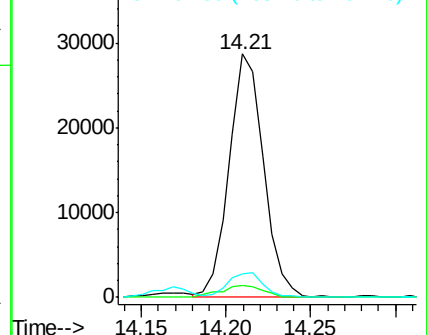
163 100

194 4.8 3.5 5.3

164 9.9 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



#74

Fluoranthene

Concen: 1.219 ng/ul

RT: 19.55 min Scan# 2768

Delta R.T. -0.00 min

Lab File: BG030801.D

Acq: 7 Nov 2017 7:26

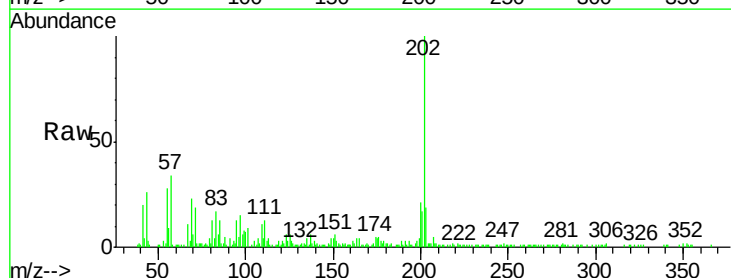
Tgt Ion:202 Resp: 37052

Ion Ratio Lower Upper

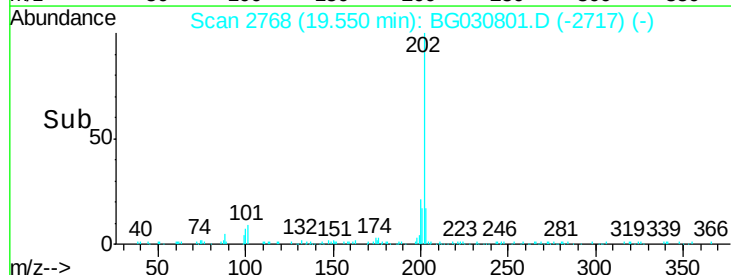
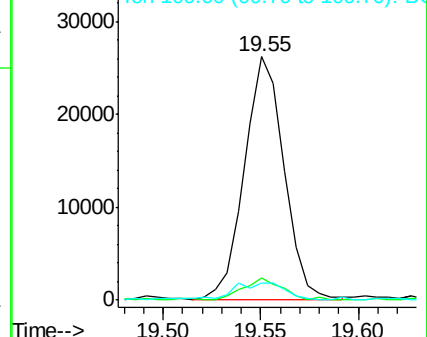
202 100

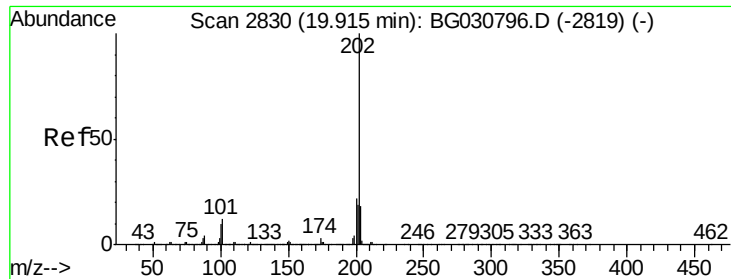
101 9.3 7.4 11.2

100 6.7 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

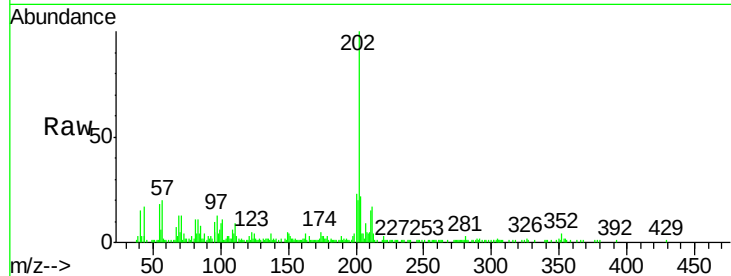




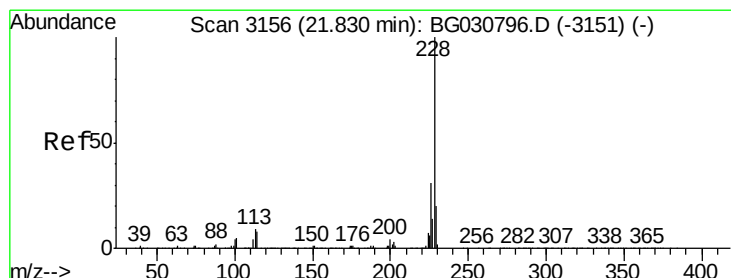
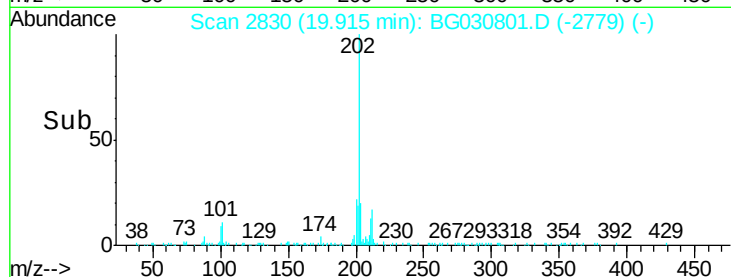
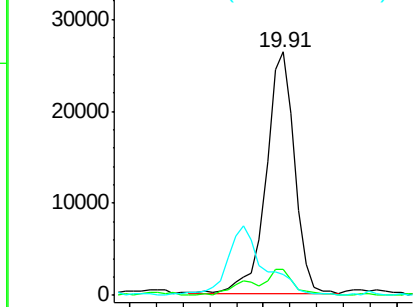
#77
 Pyrene
 Concen: 1.048 ng/ul
 RT: 19.91 min Scan# 2830
 Delta R.T. -0.00 min
 Lab File: BG030801.D
 Acq: 7 Nov 2017 7:26

Instrument :
 BNA_G
 ClientSampleId :
 B0EN4

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.6	8.4	12.6
100	8.8	7.0	10.6

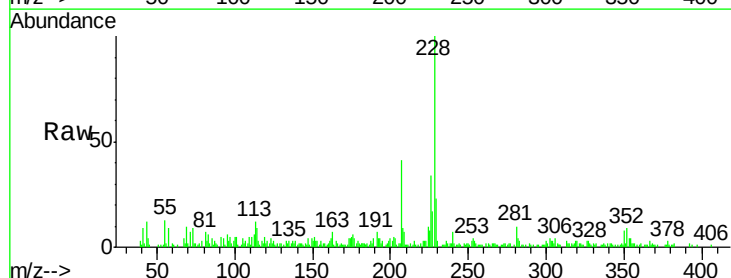


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

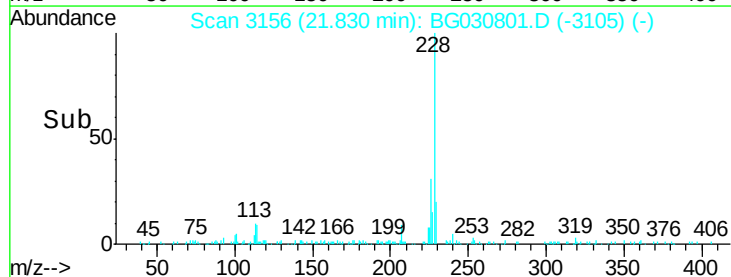
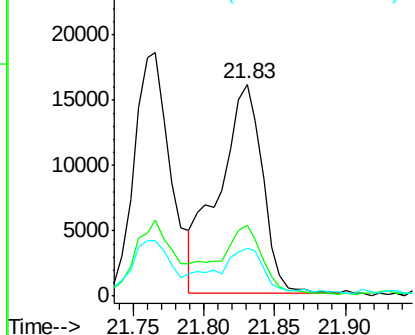


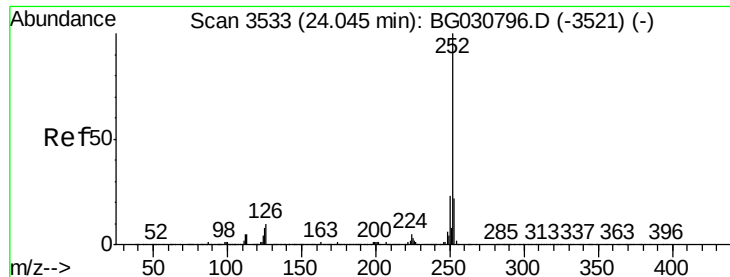
#82
 Chrysene
 Concen: 1.089 ng/ul
 RT: 21.83 min Scan# 3156
 Delta R.T. -0.00 min
 Lab File: BG030801.D
 Acq: 7 Nov 2017 7:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.5	24.2	36.2
229	22.5	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: 2.021 ng/ul

RT: 24.03 min Scan# 3531

Delta R.T. -0.01 min

Lab File: BG030801.D

Acq: 7 Nov 2017 7:26

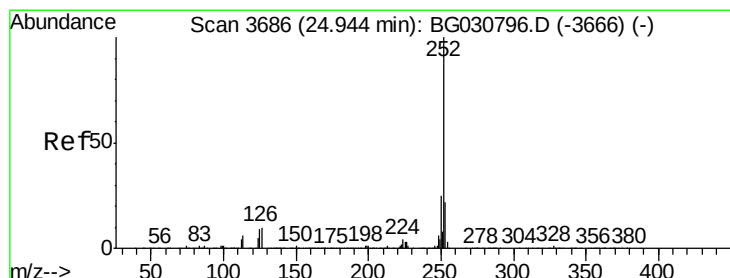
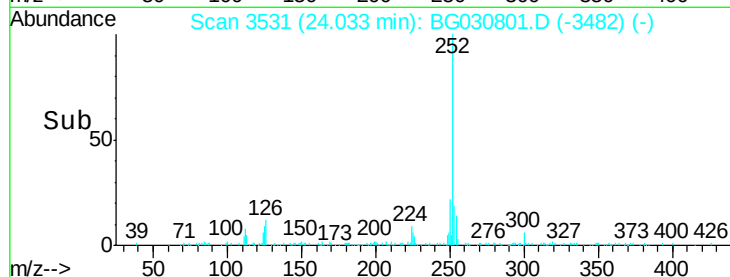
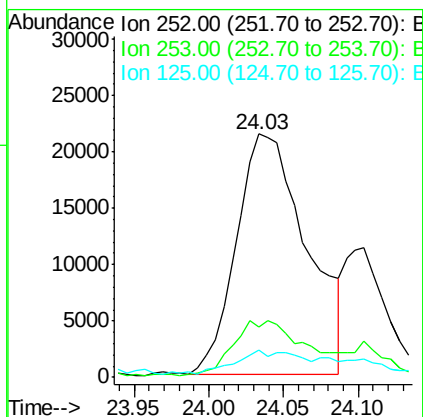
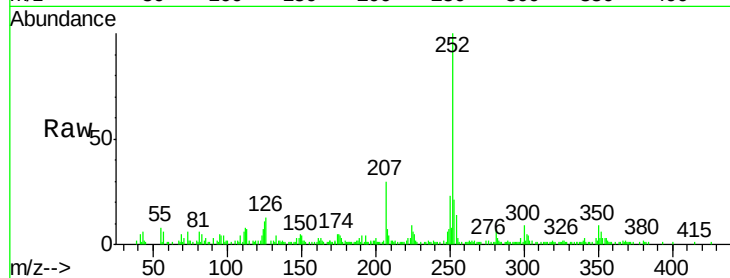
Instrument :

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Tgt Ion:	252	Resp:	69541
Ion Ratio	Lower	Upper	
252	100		
253	20.7	17.0	25.4
125	11.3	7.5	11.3#



#88

Benzo(a)pyrene

Concen: 1.295 ng/ul

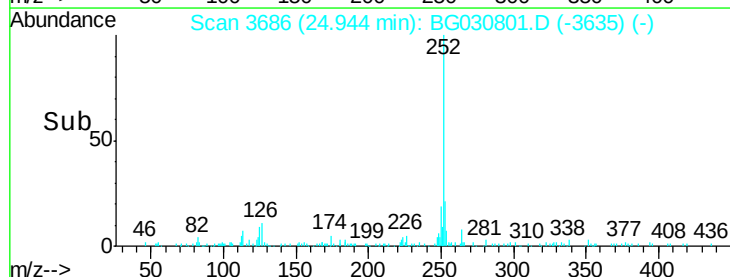
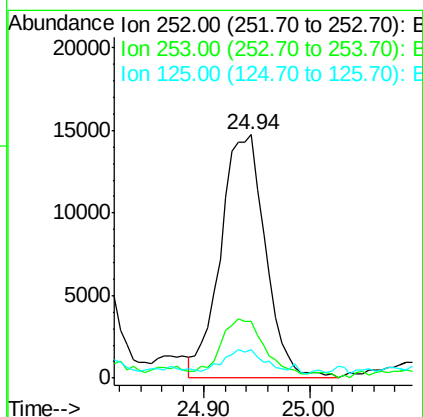
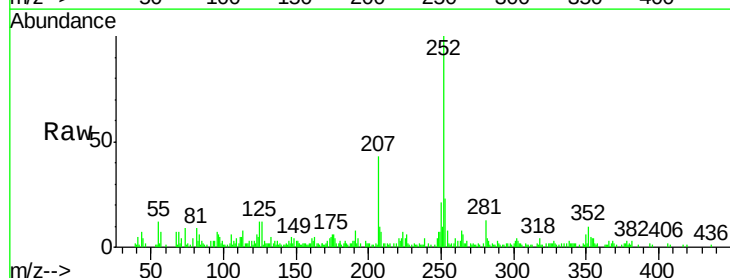
RT: 24.94 min Scan# 3686

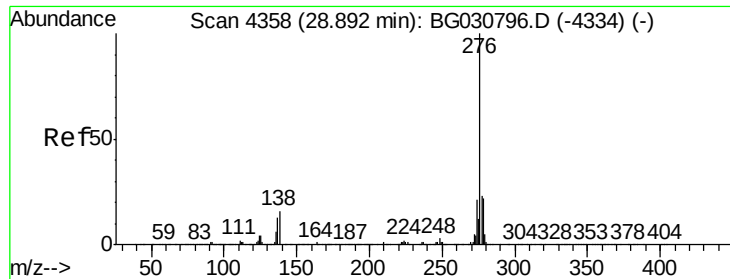
Delta R.T. -0.00 min

Lab File: BG030801.D

Acq: 7 Nov 2017 7:26

Tgt Ion:	252	Resp:	43378
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.1	25.7
125	11.7	7.8	11.8





#89

Indeno(1,2,3-cd)pyrene

Concen: 1.181 ng/ul

RT: 28.87 min Scan# 4355

Delta R.T. -0.02 min

Lab File: BG030801.D

Acq: 7 Nov 2017 7:26

Instrument :

BNA_G

ClientSampleId :

B0EN4

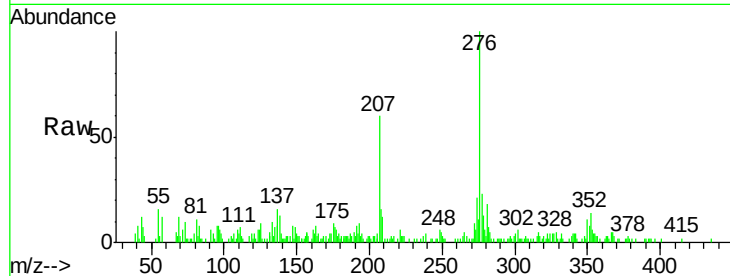
Tgt Ion:276 Resp: 44759

Ion Ratio Lower Upper

276 100

138 12.7 13.4 20.0#

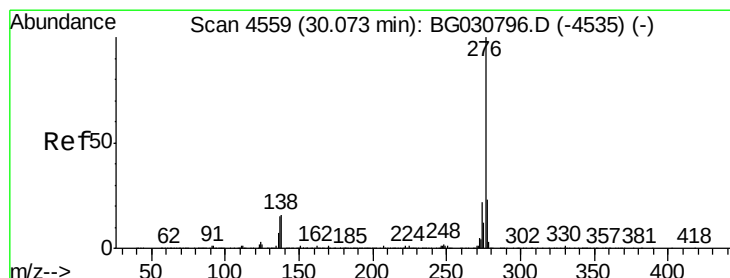
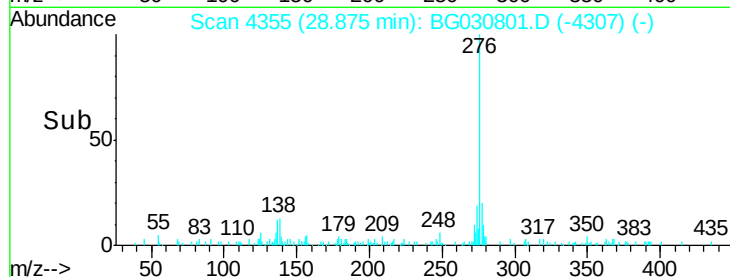
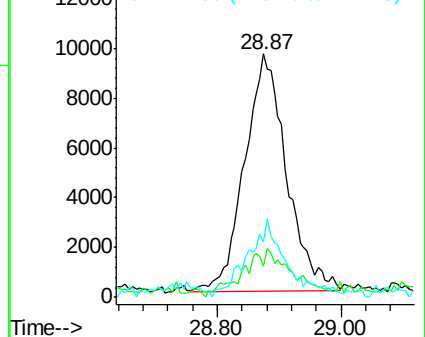
277 22.9 18.6 28.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#91

Benzo(g,h,i)perylene

Concen: 1.198 ng/ul

RT: 30.07 min Scan# 4558

Delta R.T. -0.01 min

Lab File: BG030801.D

Acq: 7 Nov 2017 7:26

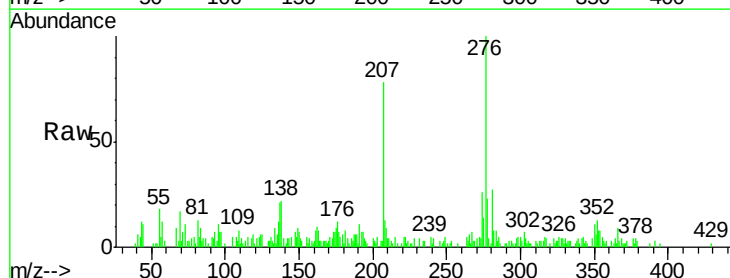
Tgt Ion:276 Resp: 37628

Ion Ratio Lower Upper

276 100

138 22.2 12.1 18.1#

277 22.8 17.7 26.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

