

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG110817\
 Data File : BG030855.D
 Acq On : 8 Nov 2017 20:59
 Operator : SJ/JU
 Sample : I6245-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0EY3

Quant Time: Nov 09 03:18:50 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 03:14:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	57534	20.00	ng/ul	0.00
18) Naphthalene-d8	10.96	136	281185	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.76	164	185652	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	444722	20.00	ng/ul	0.00
75) Chrysene-d12	21.78	240	486207	20.00	ng/ul	0.00
83) Perylene-d12	25.09	264	501646	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	7720	5.45	ng/uL	0.00
5) Phenol-d5	7.31	99	128741	23.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	92537	26.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.68	132	112632	28.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	92981	20.85	ng/ul	0.00
19) Nitrobenzene-d5	9.31	128	66479	32.93	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	80285	38.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	134443	28.53	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	145772	26.62	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	487788	30.73	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	576651	29.87	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	61445	20.97	ng/ul	0.00
57) Fluorene-d10	15.75	176	429100	33.01	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	67847	31.25	ng/ul	0.00
70) Anthracene-d10	17.60	188	711367	33.82	ng/ul	0.00
76) Pyrene-d10	19.88	212	825510	32.80	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.86	264	875756	36.86	ng/ul	0.00

Target Compounds

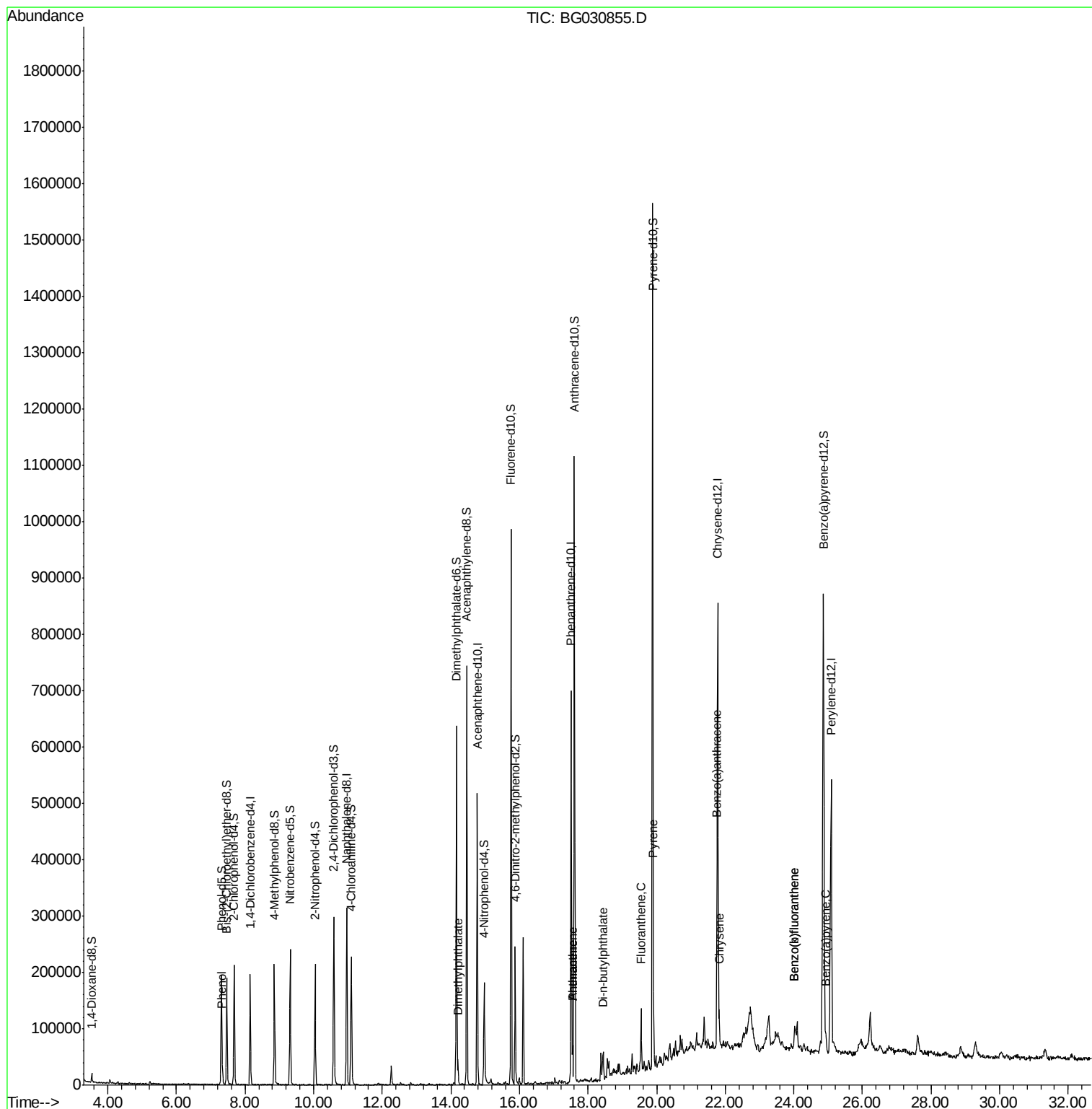
					Ovalue	
6) Phenol	7.34	94	9452	1.654	ng/ul	95
44) Dimethylphthalate	14.21	163	32065	2.071	ng/ul#	97
69) Phenanthrene	17.55	178	42370	1.762	ng/ul	96
71) Anthracene	17.55	178	42370	1.708	ng/ul	97
73) Di-n-butylphthalate	18.45	149	29189	1.090	ng/ul	98
74) Fluoranthene	19.55	202	68882	2.564	ng/ul	97
77) Pyrene	19.91	202	81065	2.488	ng/ul	96
80) Benzo(a)anthracene	21.76	228	35836	1.176	ng/ul	96
82) Chrysene	21.82	228	43746	1.580	ng/ul	92
85) Benzo(b)fluoranthene	24.03	252	45605	1.514	ng/ul	95
86) Benzo(k)fluoranthene	24.03	252	45605	1.566	ng/ul	96
88) Benzo(a)pyrene	24.92	252	36598	1.248	ng/ul	97

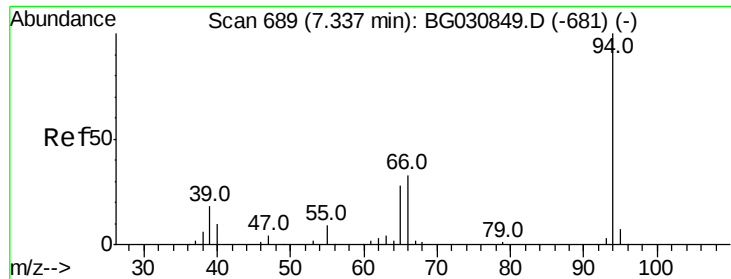
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 1.654 ng/ul

RT: 7.34 min Scan# 689

Delta R.T. 0.00 min

Lab File: BG030855.D

Acq: 8 Nov 2017 20:59

Instrument :

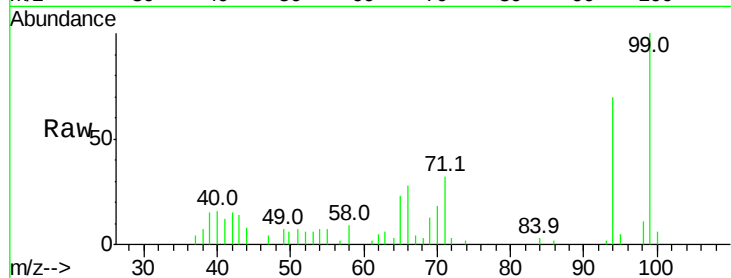
BNA_G

ClientSampleId :

B0EY3

Tot Ion: 94 Resp: 9452

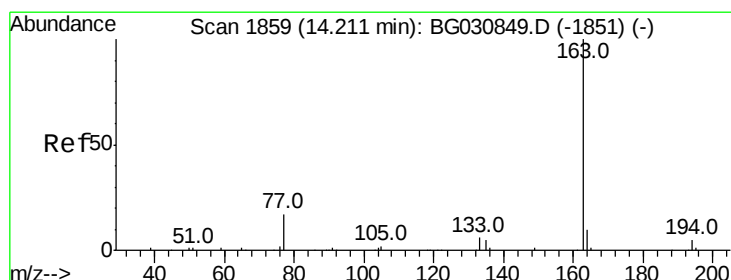
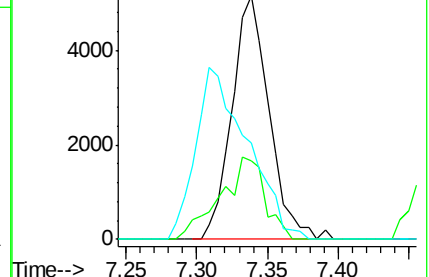
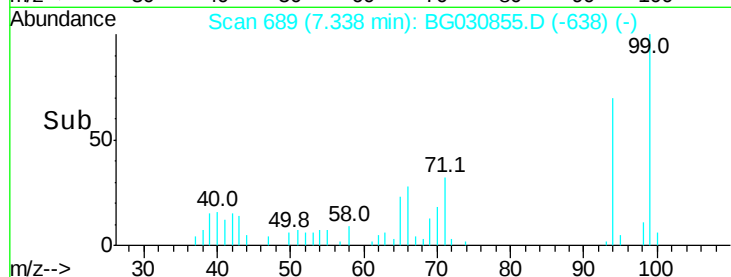
Ion	Ratio	Lower	Upper
94	100		
65	32.2	27.1	40.7
66	39.6	34.6	52.0



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



#44

Dimethylphthalate

Concen: 2.071 ng/ul

RT: 14.21 min Scan# 1858

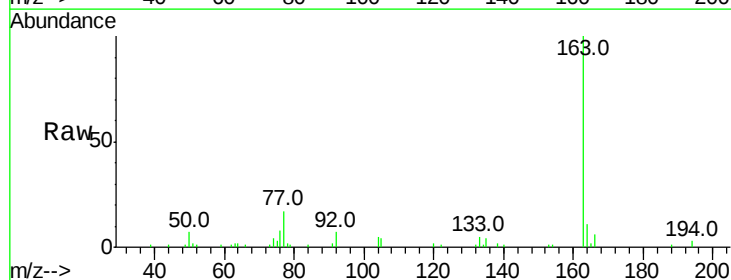
Delta R.T. -0.00 min

Lab File: BG030855.D

Acq: 8 Nov 2017 20:59

Tgt Ion:163 Resp: 32065

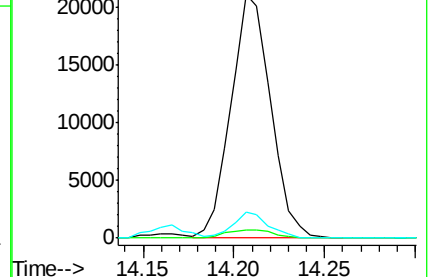
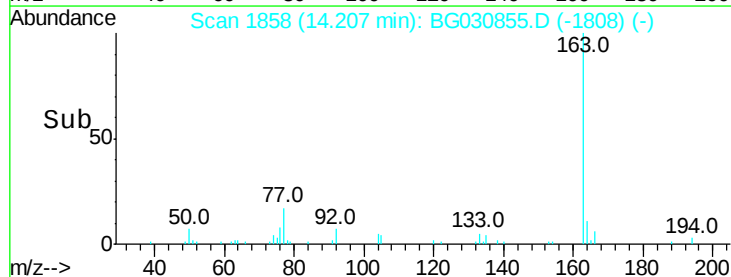
Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.5	5.3#
164	10.5	7.6	11.4

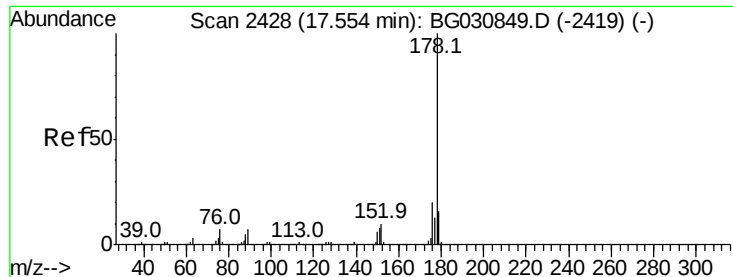


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#69

Phenanthrene

Concen: 1.762 ng/ul

RT: 17.55 min Scan# 2427

Delta R.T. -0.00 min

Lab File: BG030855.D

Acq: 8 Nov 2017 20:59

Instrument :

BNA_G

ClientSampleId :

B0EY3

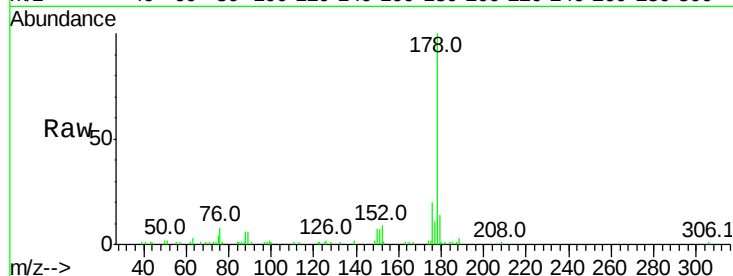
Tot Ion:178 Resp: 42370

Ion Ratio Lower Upper

178 100

179 13.8 13.0 19.6

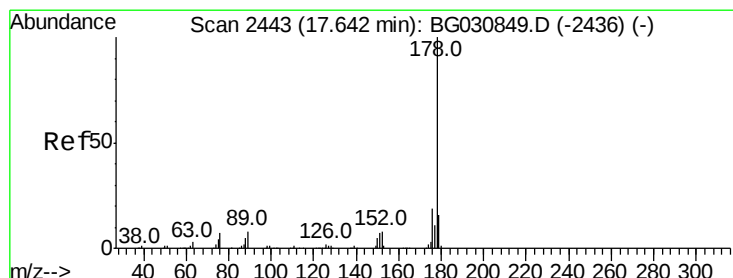
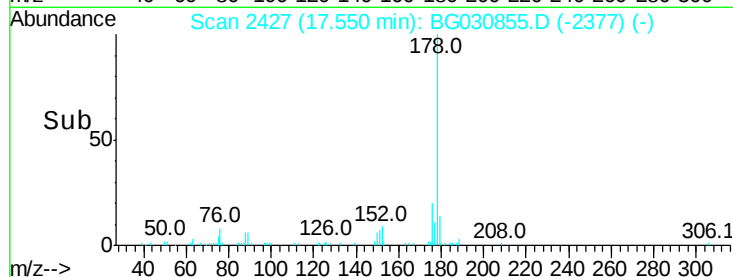
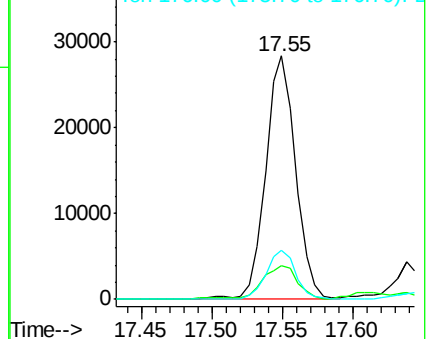
176 19.9 15.3 22.9



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: 1.708 ng/ul

RT: 17.55 min Scan# 2427

Delta R.T. -0.09 min

Lab File: BG030855.D

Acq: 8 Nov 2017 20:59

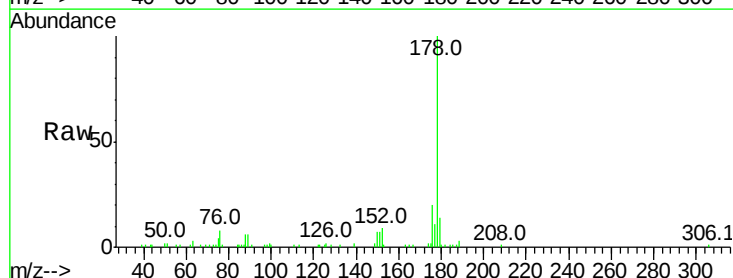
Tgt Ion:178 Resp: 42370

Ion Ratio Lower Upper

178 100

179 13.8 13.2 19.8

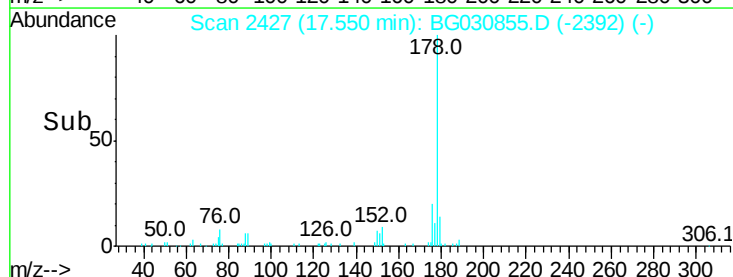
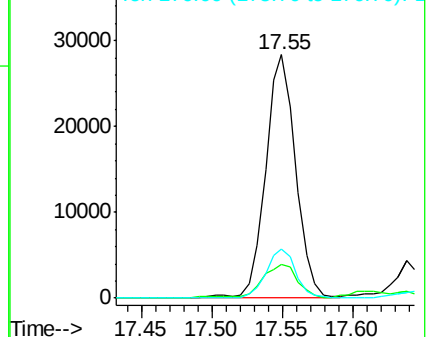
176 19.9 16.0 24.0

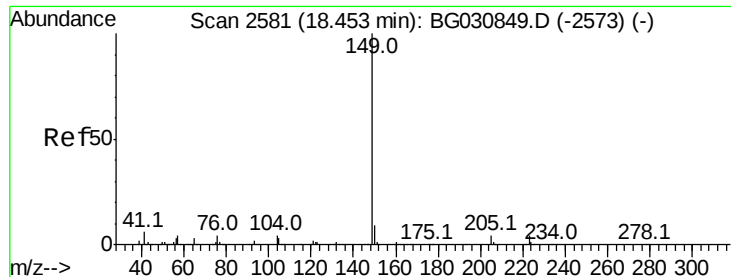


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

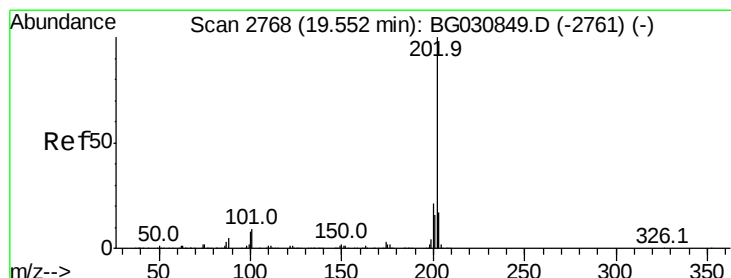
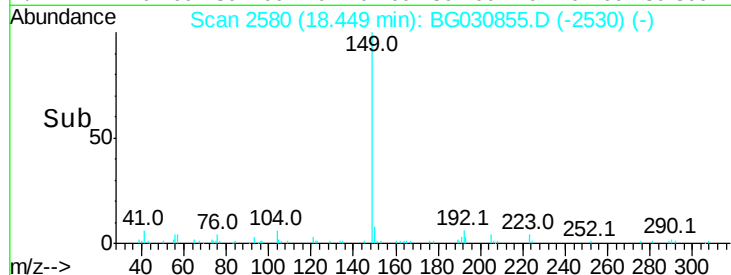
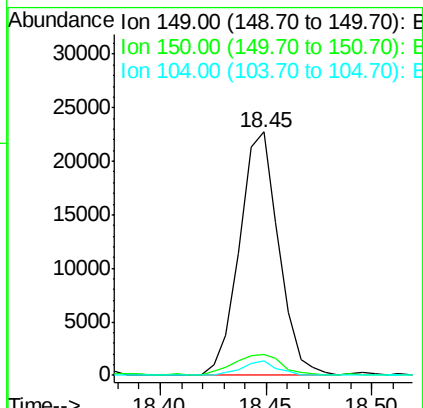
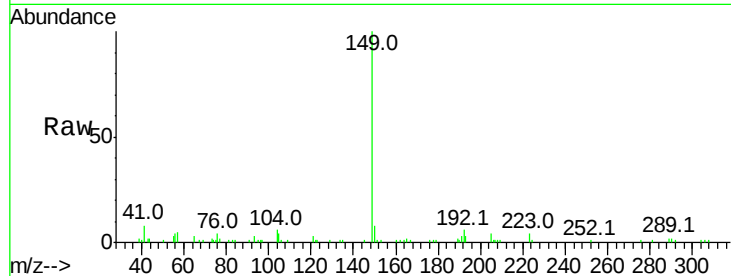




#73
Di-n-butylphthalate
Concen: 1.090 ng/ul
RT: 18.45 min Scan# 2580
Delta R.T. -0.00 min
Lab File: BG030855.D
Acq: 8 Nov 2017 20:59

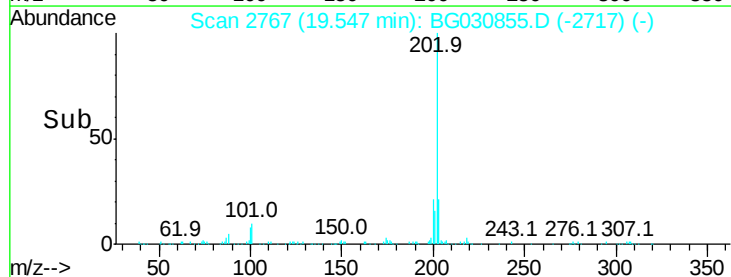
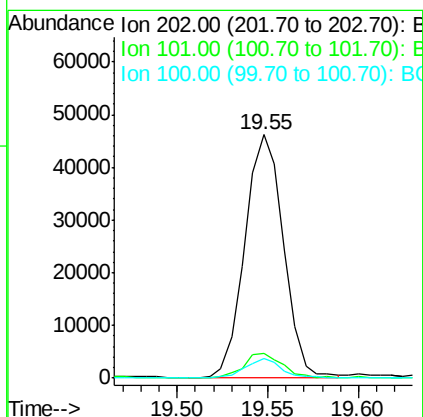
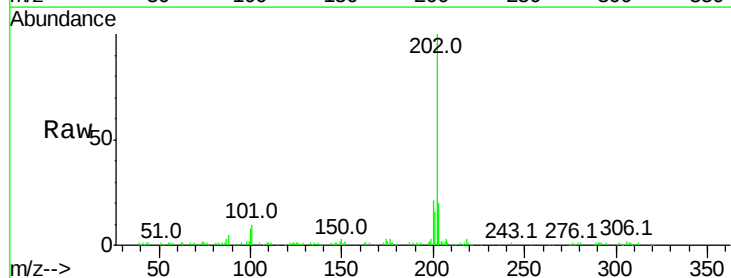
Instrument :
BNA_G
ClientSampleId :
B0EY3

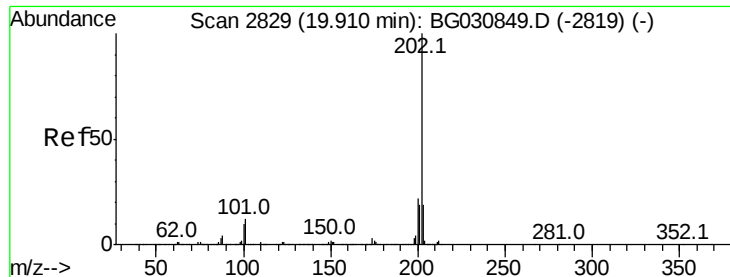
Tot Ion:149 Resp: 29189
Ion Ratio Lower Upper
149 100
150 8.4 7.5 11.3
104 6.1 4.6 7.0



#74
Fluoranthene
Concen: 2.564 ng/ul
RT: 19.55 min Scan# 2767
Delta R.T. -0.00 min
Lab File: BG030855.D
Acq: 8 Nov 2017 20:59

Tgt Ion:202 Resp: 68882
Ion Ratio Lower Upper
202 100
101 10.0 7.4 11.2
100 8.2 5.6 8.4





#77

Pvrene

Concen: 2.488 ng/ul

RT: 19.91 min Scan# 2828

Delta R.T. -0.00 min

Lab File: BG030855.D

Acq: 8 Nov 2017 20:59

Instrument :

BNA_G

ClientSampleId :

B0EY3

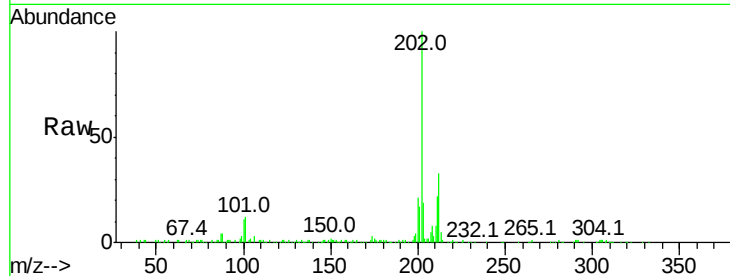
Tot Ion:202 Resp: 81065

Ion Ratio Lower Upper

202 100

101 11.6 8.4 12.6

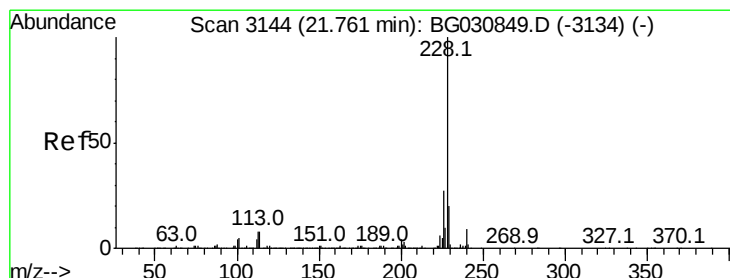
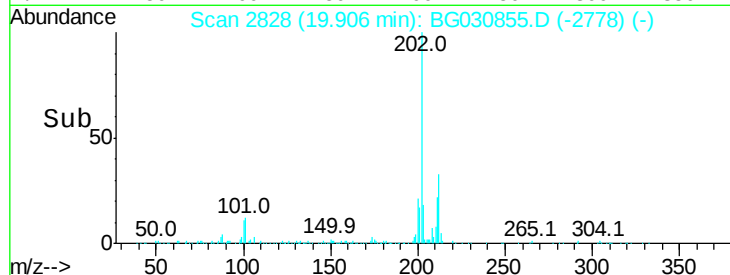
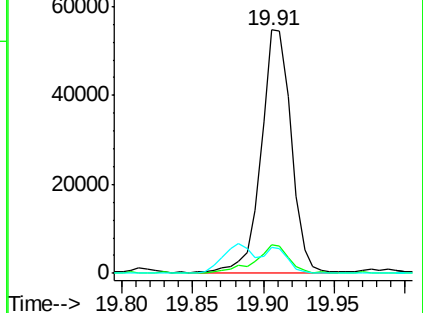
100 10.5 7.0 10.6



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: 1.176 ng/ul

RT: 21.76 min Scan# 3143

Delta R.T. -0.00 min

Lab File: BG030855.D

Acq: 8 Nov 2017 20:59

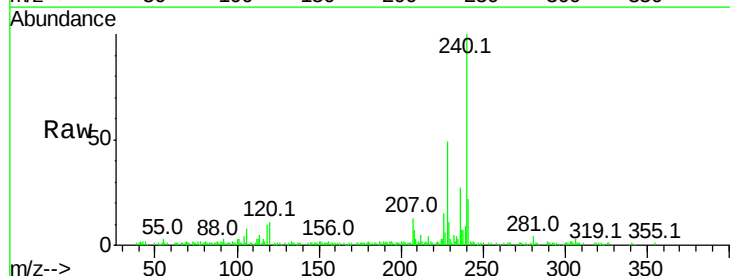
Tgt Ion:228 Resp: 35836

Ion Ratio Lower Upper

228 100

229 21.6 16.2 24.4

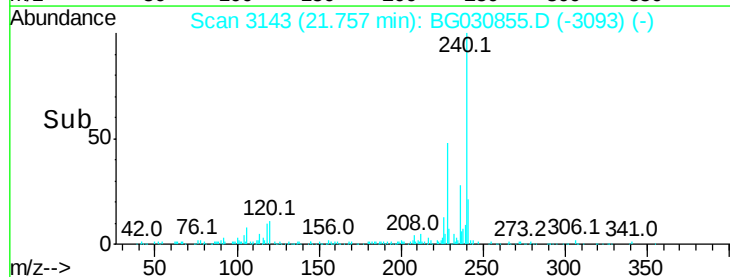
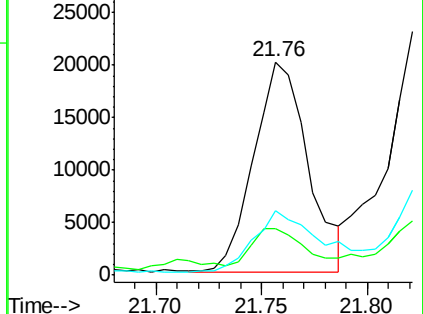
226 30.4 22.2 33.2

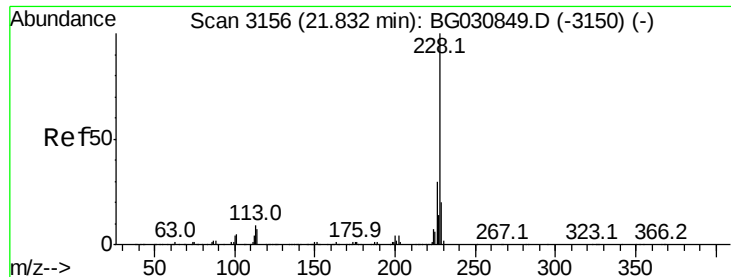


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 1.580 ng/ul

RT: 21.82 min Scan# 3154

Delta R.T. -0.01 min

Lab File: BG030855.D

Acq: 8 Nov 2017 20:59

Instrument :

BNA_G

ClientSampleId :

B0EY3

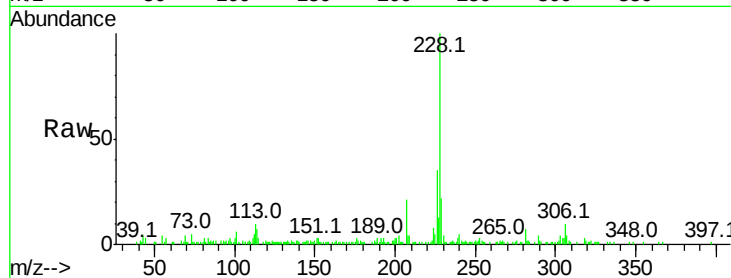
Tot Ion:228 Resp: 43746

Ion	Ratio	Lower	Upper
228	100		
226	35.0	24.2	36.2
229	22.3	15.2	22.8

228 100

226 35.0 24.2 36.2

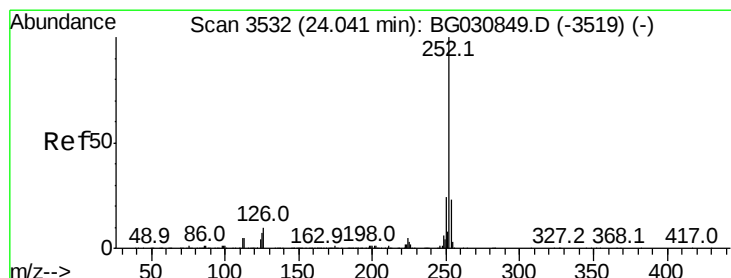
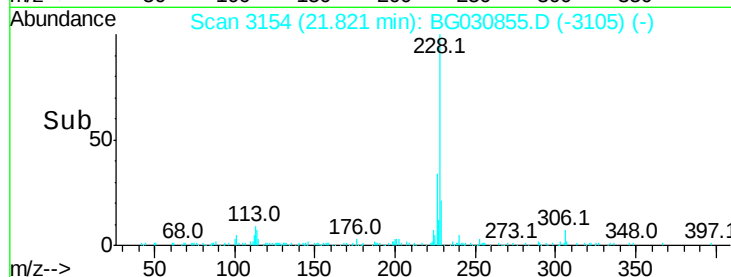
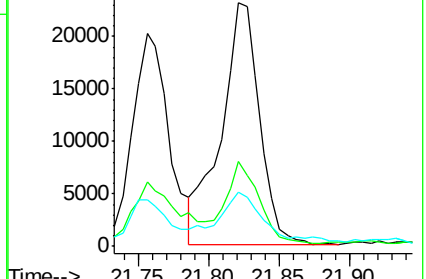
229 22.3 15.2 22.8



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: 1.514 ng/ul

RT: 24.03 min Scan# 3530

Delta R.T. -0.01 min

Lab File: BG030855.D

Acq: 8 Nov 2017 20:59

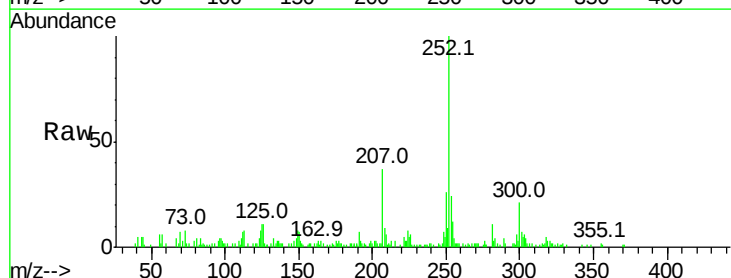
Tgt Ion:252 Resp: 45605

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.0	25.4
125	10.6	7.5	11.3

252 100

253 23.7 17.0 25.4

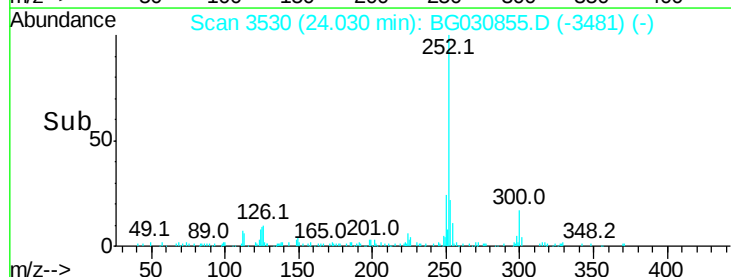
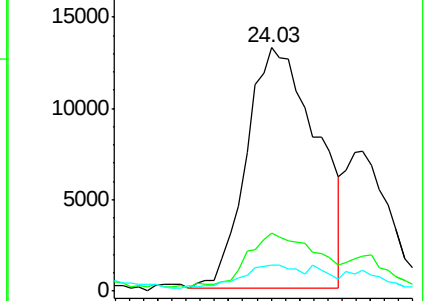
125 10.6 7.5 11.3

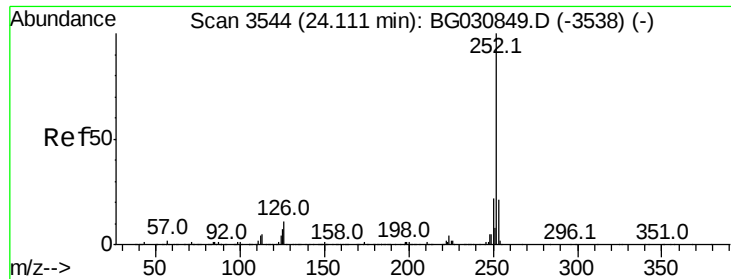


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

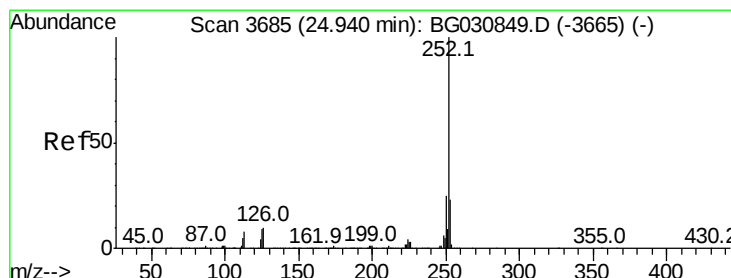
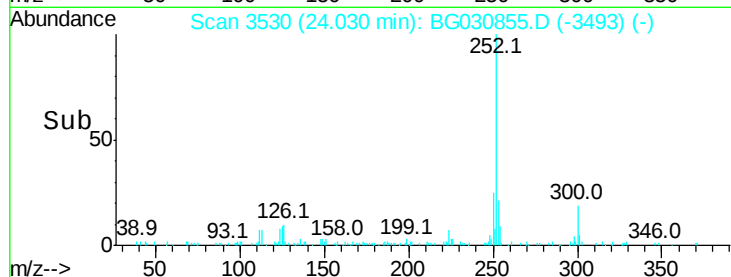
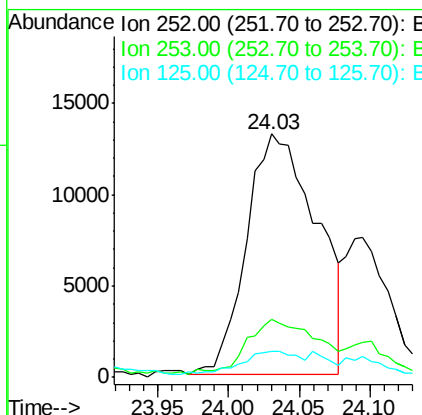
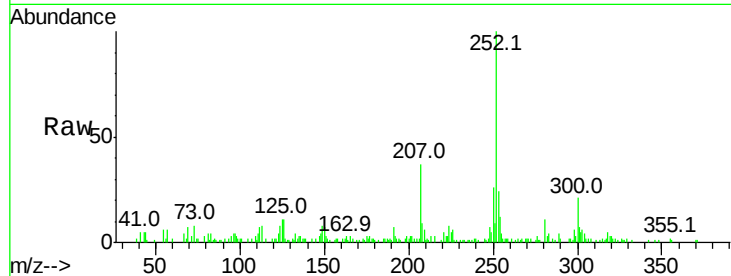




#86
Benzo(k)fluoranthene
Concen: 1.566 ng/ul
RT: 24.03 min Scan# 3530
Delta R.T. -0.08 min
Lab File: BG030855.D
Acq: 8 Nov 2017 20:59

Instrument :
BNA_G
ClientSampleId :
B0EY3

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.2	25.8
125	10.6	7.8	11.8



#88
Benzo(a)pyrene
Concen: 1.248 ng/ul
RT: 24.92 min Scan# 3682
Delta R.T. -0.02 min
Lab File: BG030855.D
Acq: 8 Nov 2017 20:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.1	25.7
125	9.3	7.8	11.8

