Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG110717\
Data File : BG030837.D
Acq On : 8 Nov 2017 9:30
Operator : SJ/JU
Sample : I6222-10
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0ES8

Quant Time: Nov 08 10:48:58 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 08 04:22:00 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	71374	20.00	ng/ul	0.00
18) Naphthalene-d8	10.97	136	344427	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	223009	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	524915	20.00	ng/ul	0.00
75) Chrysene-d12	21.78	240	547672	20.00	ng/ul	0.00
83) Perylene-d12	25.10	264	562010	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	5404	3.08	ng/uL	0.00
5) Phenol-d5	7.31	99	117400	17.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	67789	15.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.68	132	98723	20.43	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	92379	16.70	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	50121	20.27	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	59706	23.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	106258	18.41	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	92484	13.79	ng/ul	0.00
43) Dimethylphthalate-d6	14.16	166	348478	18.28	ng/ul	0.00
46) Acenaphthylene-d8	14.46	160	433764	18.71	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	46016	13.07	ng/ul	0.00
57) Fluorene-d10	15.76	176	322165	20.63	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	36259	14.15	ng/ul	0.00
70) Anthracene-d10	17.61	188	496394	20.00	ng/ul	0.00
76) Pyrene-d10	19.88	212	544040	19.19	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.86	264	517231	19.43	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.34	94	12245	1.727	ng/ul#	92
44) Dimethylphthalate	14.21	163	18858	1.014	ng/ul#	96
47) Acenaphthylene	14.49	152	49475	2.092	ng/ul	98
69) Phenanthrene	17.55	178	111810	3.940	ng/ul	99
74) Fluoranthene	19.55	202	113576	3.581	ng/ul	98
77) Pyrene	19.91	202	170064	4.633	ng/ul	97
80) Benzo(a)anthracene	21.76	228	82582	2.406	ng/ul	92
82) Chrysene	21.83	228	113684	3.645	ng/ul	99
85) Benzo(b)fluoranthene	24.04	252	107100	3.174	ng/ul	97
88) Benzo(a)pyrene	24.93	252	82752	2.520	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	28.88	276	74608	2.008	ng/ul#	90
91) Benzo(g,h,i)perylene	30.06	276	78351	2.544	ng/ul	99

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

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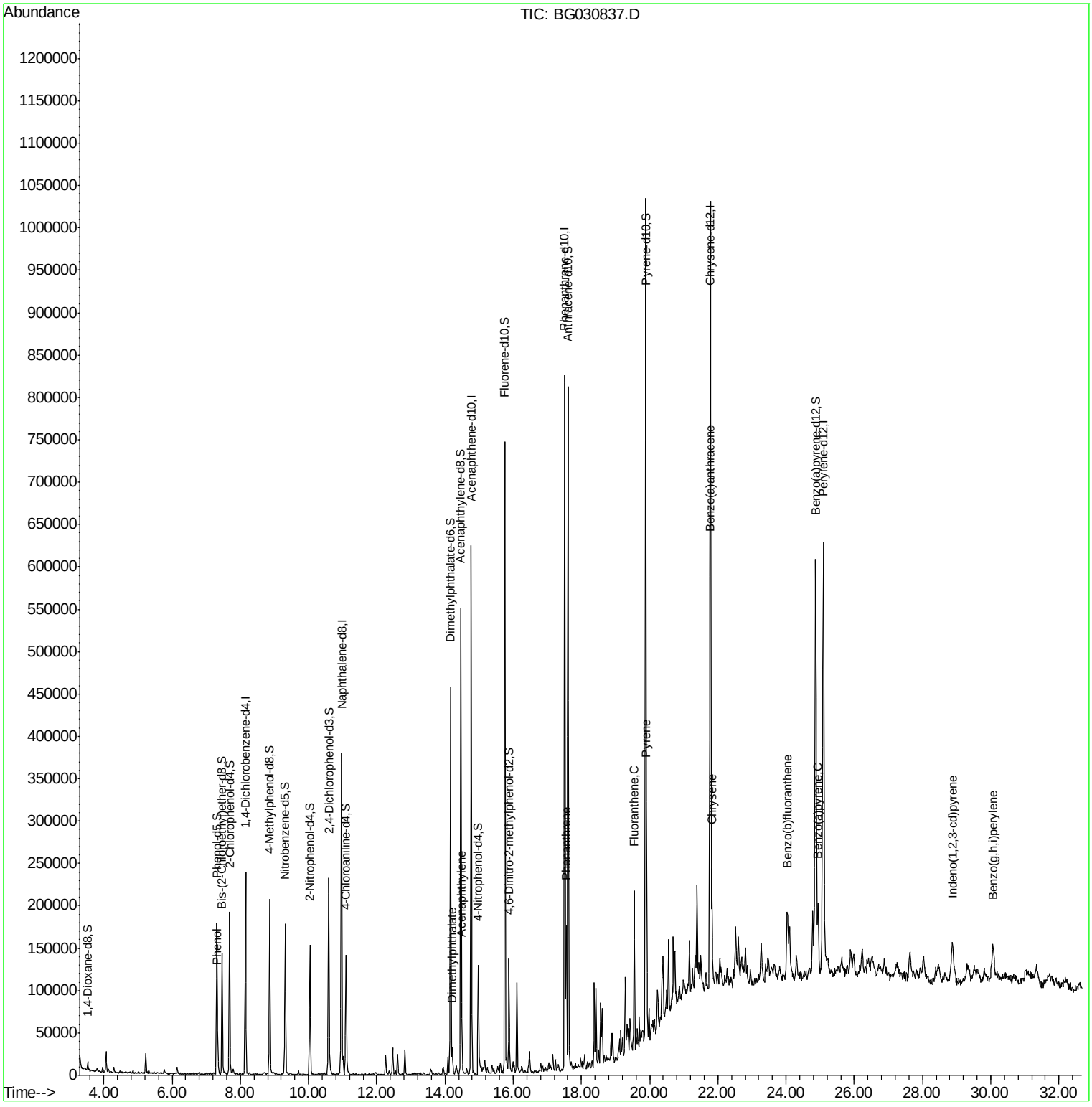
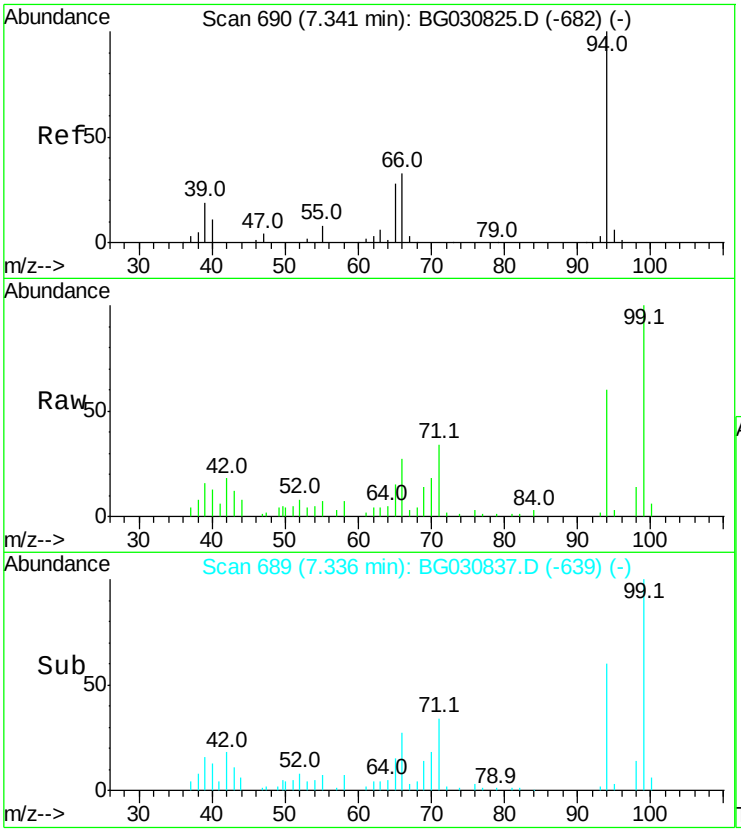


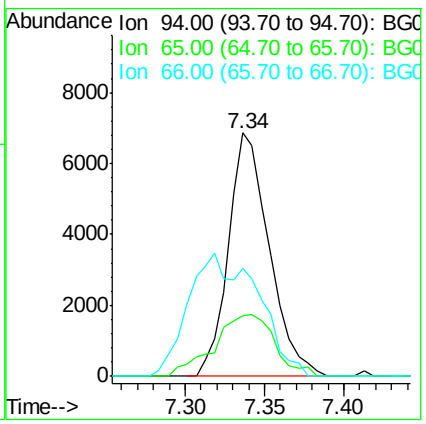


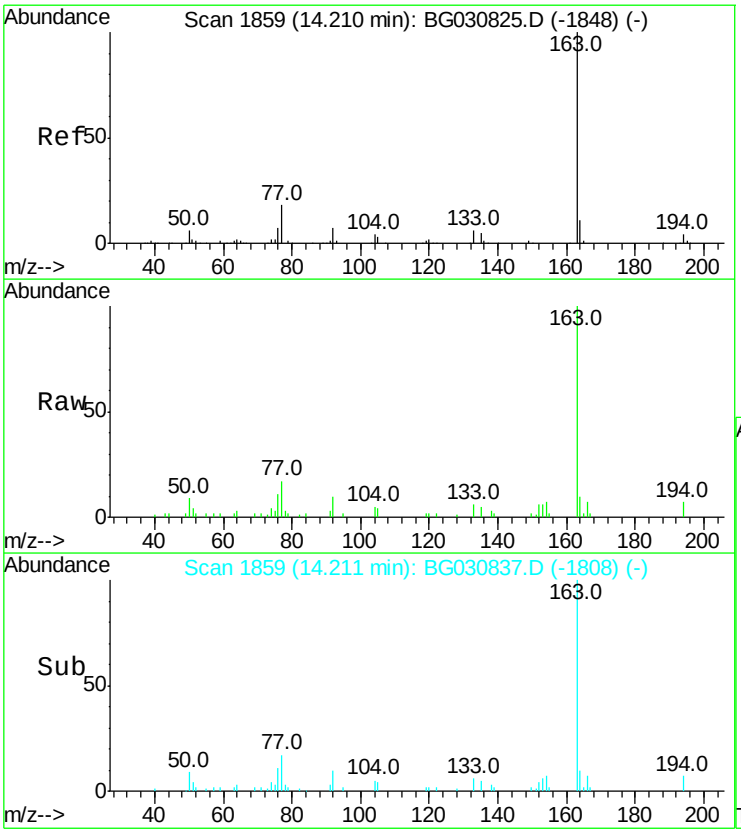
#6
Phenol
Concen: 1.727 ng/ul
RT: 7.34 min Scan# 689
Delta R.T. -0.01 min
Lab File: BG030837.D
Acq: 8 Nov 2017 9:30

Instrument :
BNA_G
ClientSampleId :
B0ES8

Tgt Ion: 94 Resp: 12245

Ion	Ratio	Lower	Upper
94	100		
65	25.0	27.1	40.7#
66	44.2	34.6	52.0

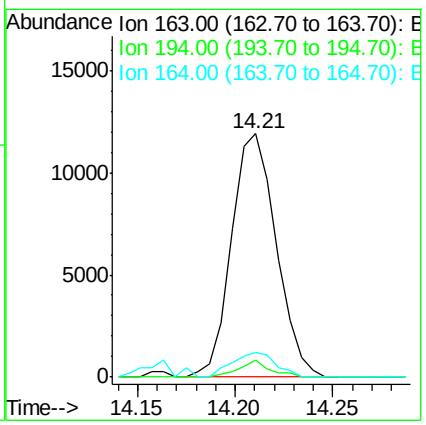


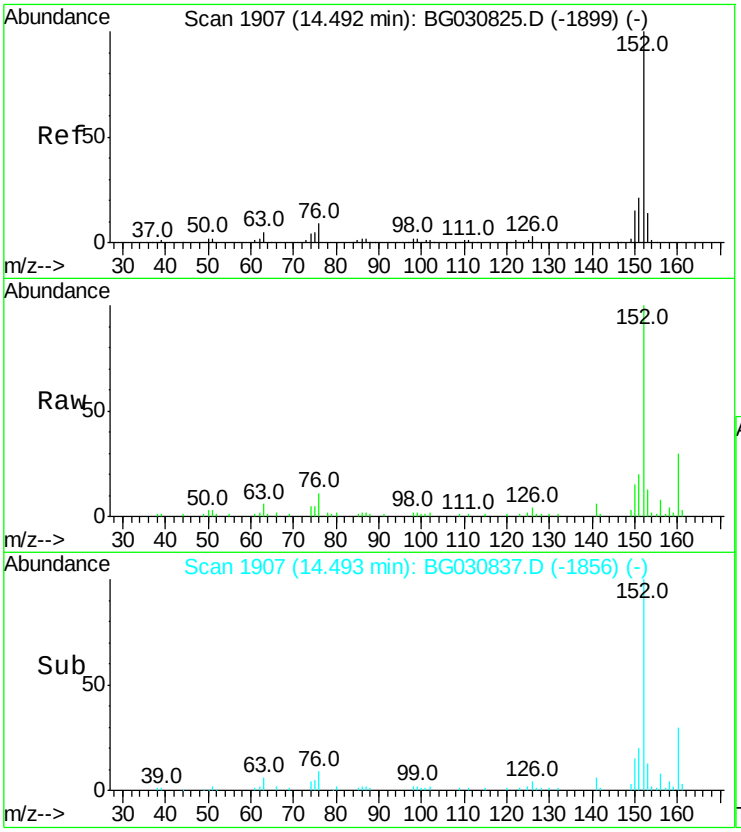


#44
Dimethylphthalate
Concen: 1.014 ng/ul
RT: 14.21 min Scan# 1859
Delta R.T. 0.00 min
Lab File: BG030837.D
Acq: 8 Nov 2017 9:30

Tgt Ion:163 Resp: 18858

Ion	Ratio	Lower	Upper
163	100		
194	6.8	3.5	5.3#
164	10.2	7.6	11.4



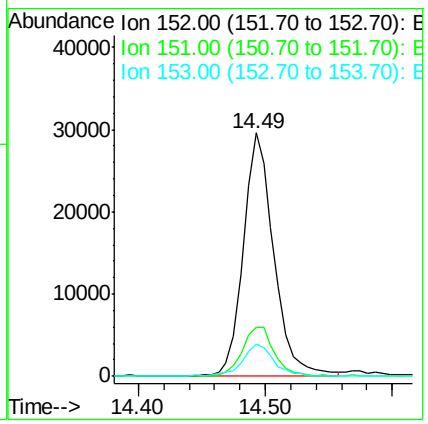


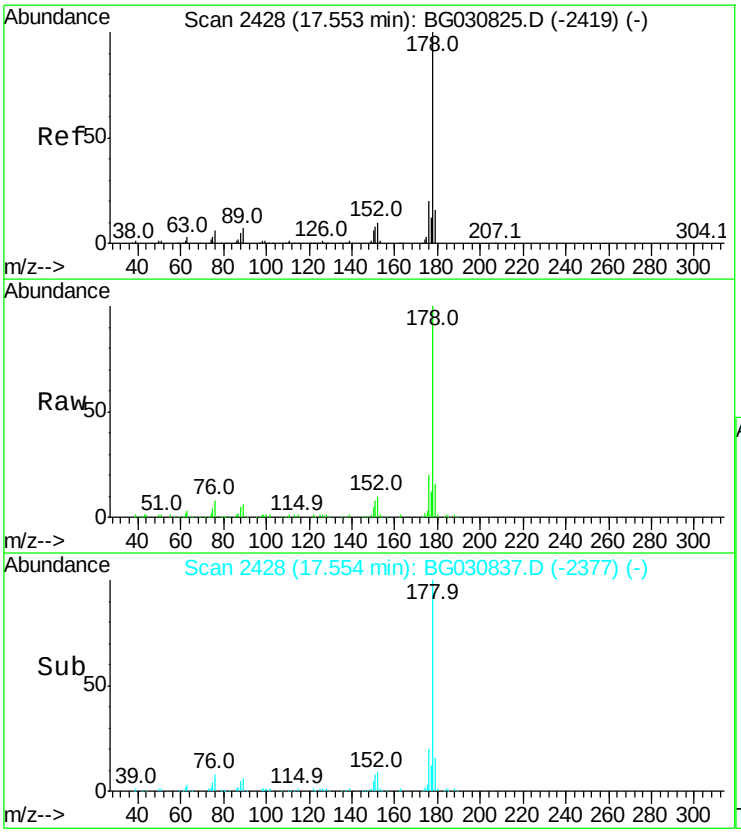
#47
Acenaphthylene
Concen: 2.092 ng/ul
RT: 14.49 min Scan# 1907
Delta R.T. 0.00 min
Lab File: BG030837.D
Acq: 8 Nov 2017 9:30

Instrument :
BNA_G
ClientSampleId :
B0ES8

Tgt Ion:152 Resp: 49475

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.2	22.8
153	13.1	10.2	15.4

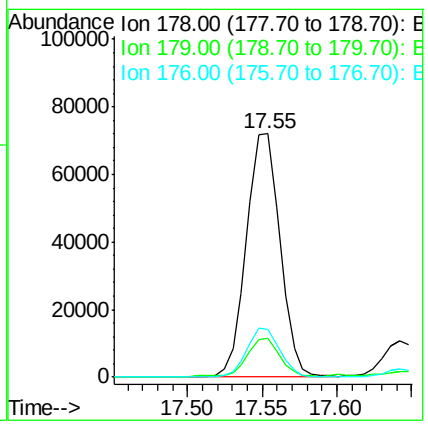


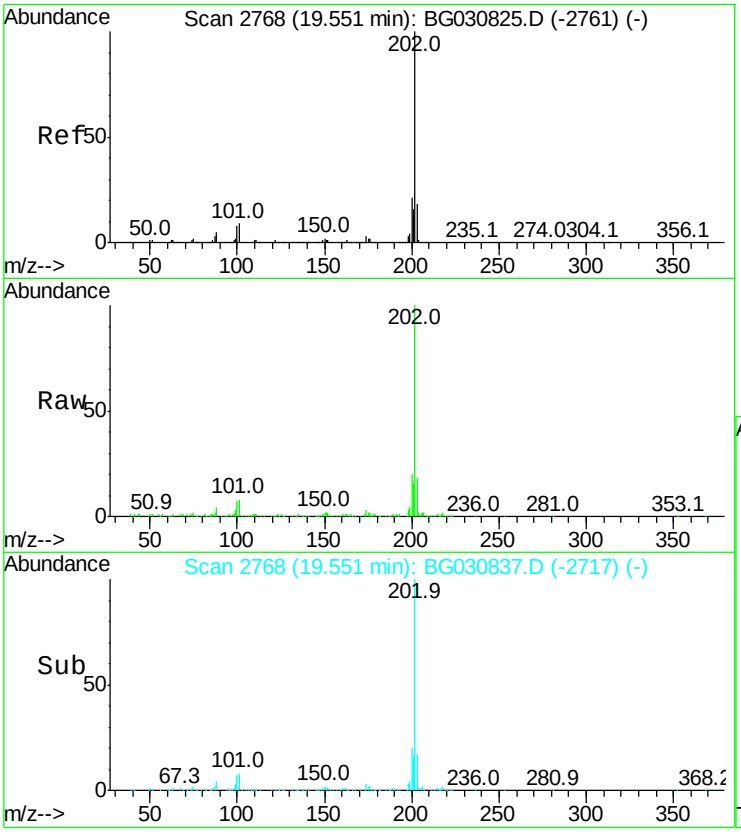


#69
Phenanthrene
Concen: 3.940 ng/ul
RT: 17.55 min Scan# 2428
Delta R.T. 0.00 min
Lab File: BG030837.D
Acq: 8 Nov 2017 9:30

Tgt Ion:178 Resp: 111810

Ion	Ratio	Lower	Upper
178	100		
179	16.0	13.0	19.6
176	19.8	15.3	22.9



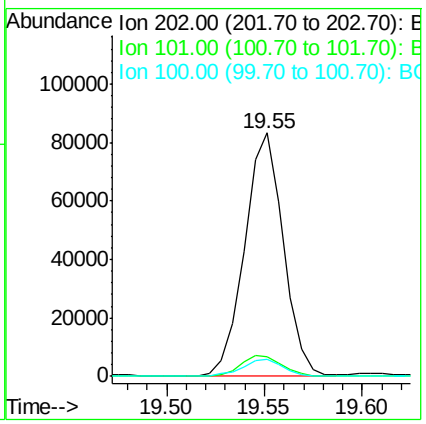


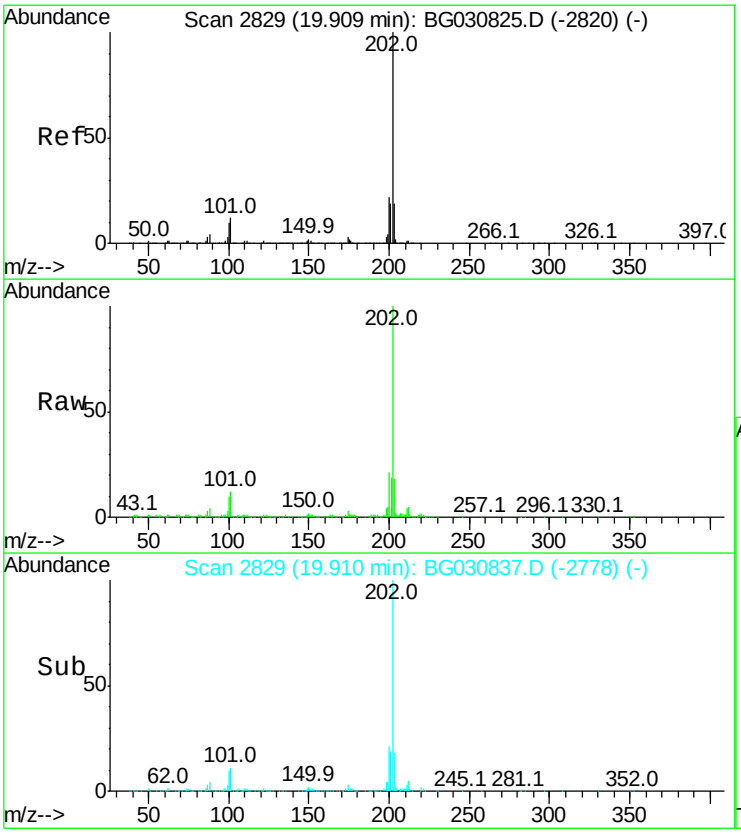
#74
Fluoranthene
Concen: 3.581 ng/ul
RT: 19.55 min Scan# 2768
Delta R.T. 0.00 min
Lab File: BG030837.D
Acq: 8 Nov 2017 9:30

Instrument :
BNA_G
ClientSampleId :
B0ES8

Tgt Ion:202 Resp: 113576

Ion	Ratio	Lower	Upper
202	100		
101	8.2	7.4	11.2
100	7.0	5.6	8.4

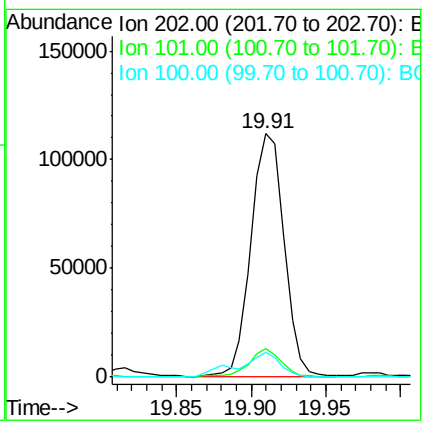


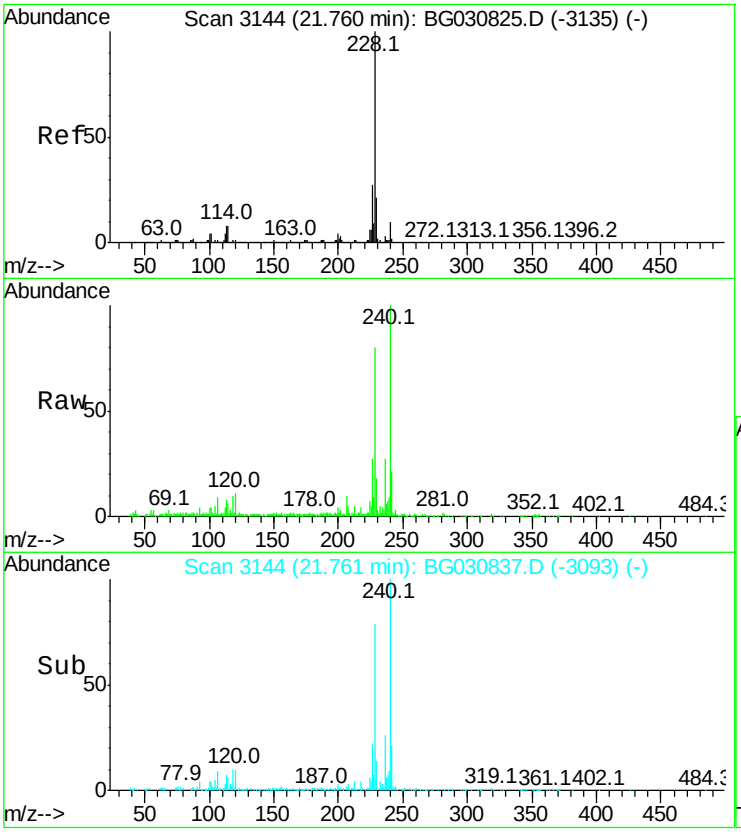


#77
Pyrene
Concen: 4.633 ng/ul
RT: 19.91 min Scan# 2829
Delta R.T. 0.00 min
Lab File: BG030837.D
Acq: 8 Nov 2017 9:30

Tgt Ion:202 Resp: 170064

Ion	Ratio	Lower	Upper
202	100		
101	11.6	8.4	12.6
100	10.0	7.0	10.6



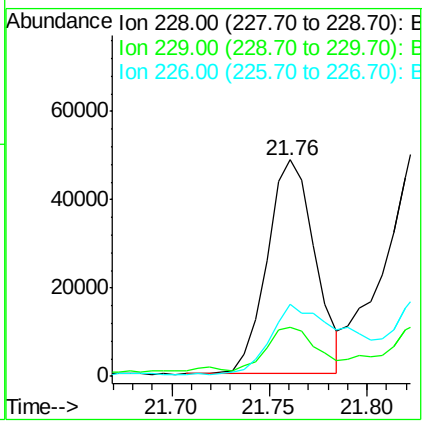


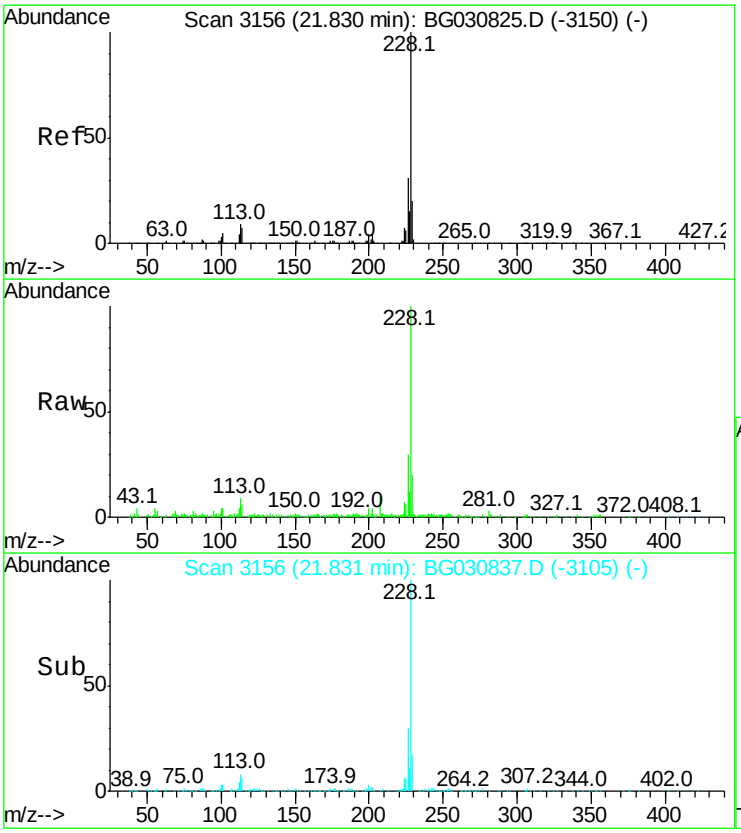
#80
Benzo(a)anthracene
Concen: 2.406 ng/ul
RT: 21.76 min Scan# 3144
Delta R.T. 0.00 min
Lab File: BG030837.D
Acq: 8 Nov 2017 9:30

Instrument :
BNA_G
ClientSampleId :
B0ES8

Tgt Ion:228 Resp: 82582

Ion	Ratio	Lower	Upper
228	100		
229	22.8	16.2	24.4
226	33.2	22.2	33.2

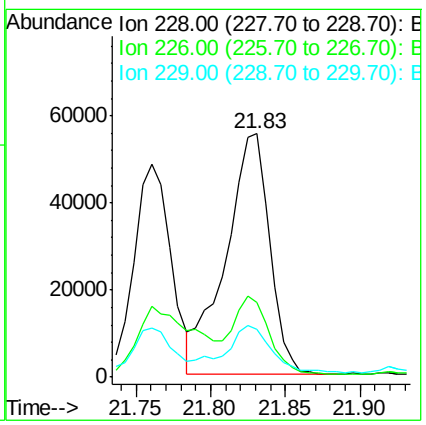


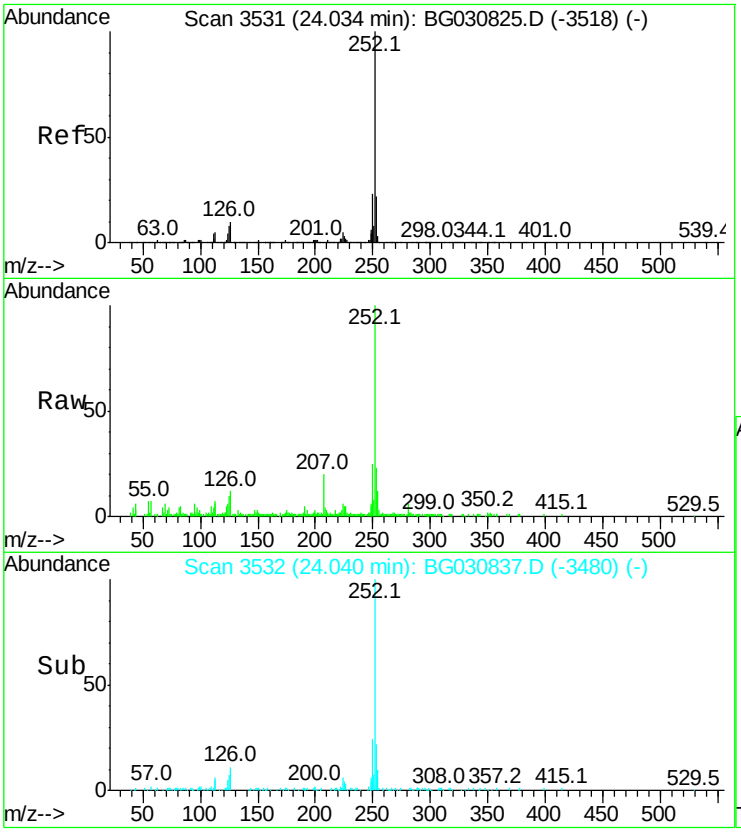


#82
Chrysene
Concen: 3.645 ng/ul
RT: 21.83 min Scan# 3156
Delta R.T. 0.00 min
Lab File: BG030837.D
Acq: 8 Nov 2017 9:30

Tgt Ion:228 Resp: 113684

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.2	36.2
229	19.7	15.2	22.8



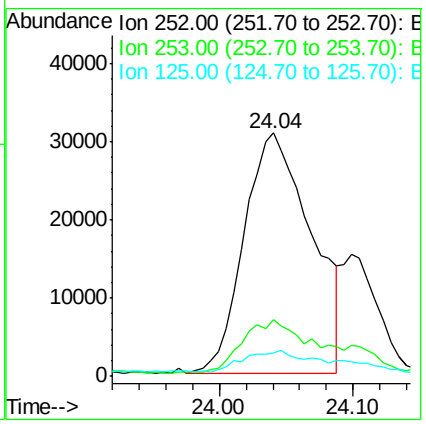


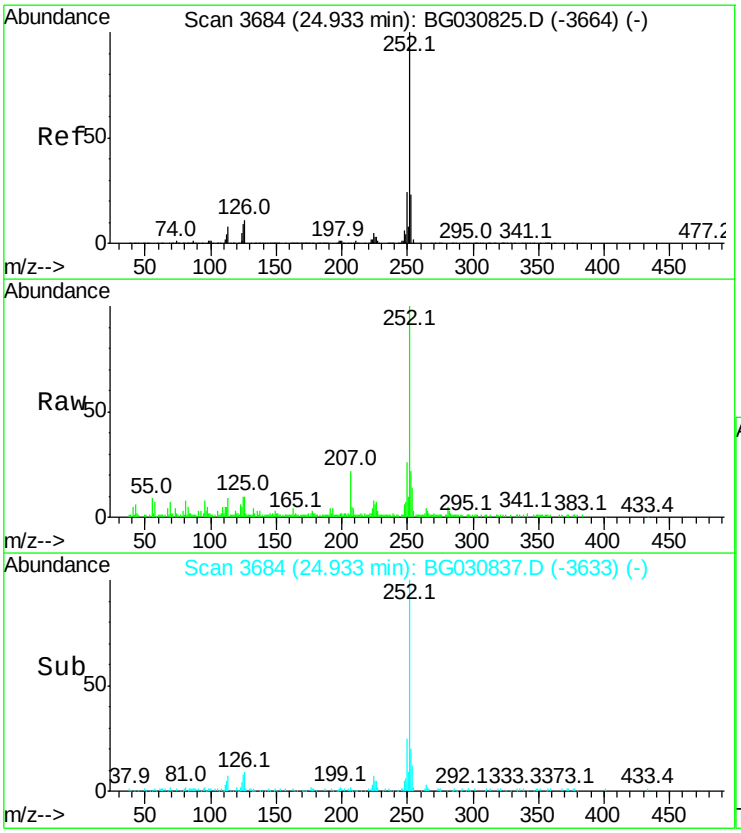
#85
Benzo(b)fluoranthene
Concen: 3.174 ng/ul
RT: 24.04 min Scan# 3532
Delta R.T. 0.01 min
Lab File: BG030837.D
Acq: 8 Nov 2017 9:30

Instrument :
BNA_G
ClientSampleId :
B0ES8

Tgt Ion:252 Resp: 107100

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.0	25.4
125	9.8	7.5	11.3

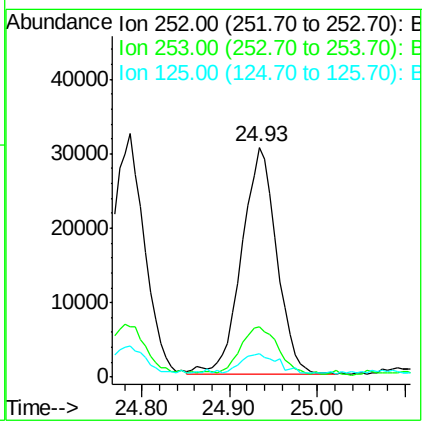


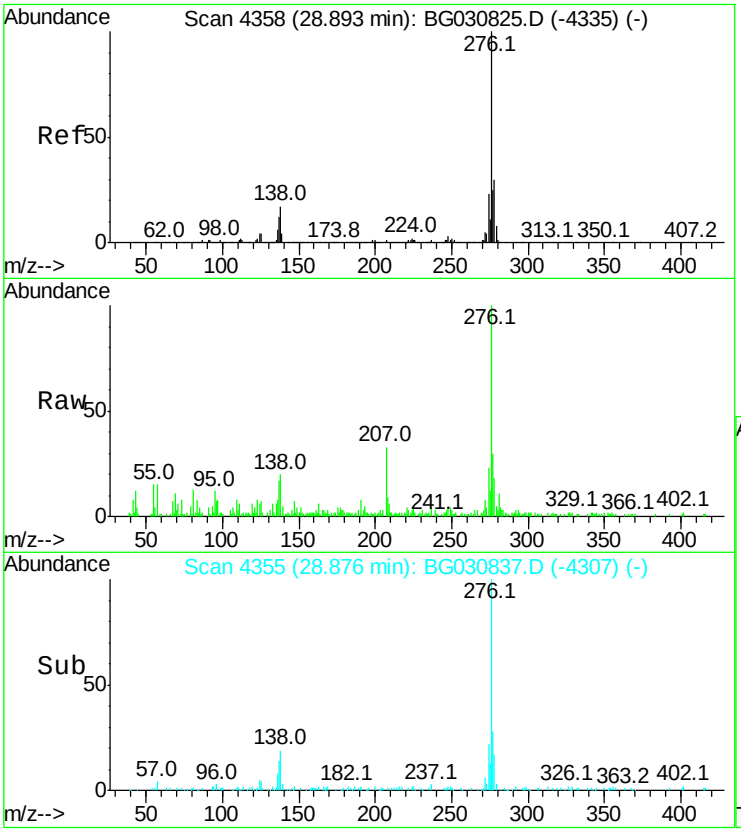


#88
Benzo(a)pyrene
Concen: 2.520 ng/ul
RT: 24.93 min Scan# 3684
Delta R.T. 0.00 min
Lab File: BG030837.D
Acq: 8 Nov 2017 9:30

Tgt Ion:252 Resp: 82752

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	10.0	7.8	11.8



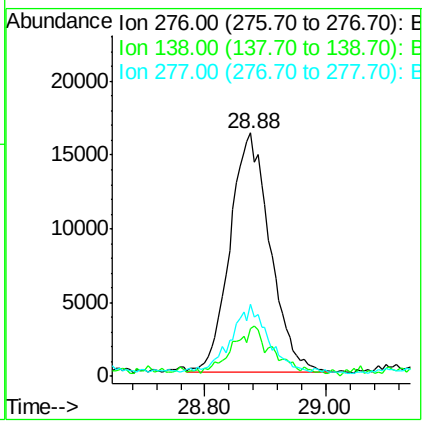


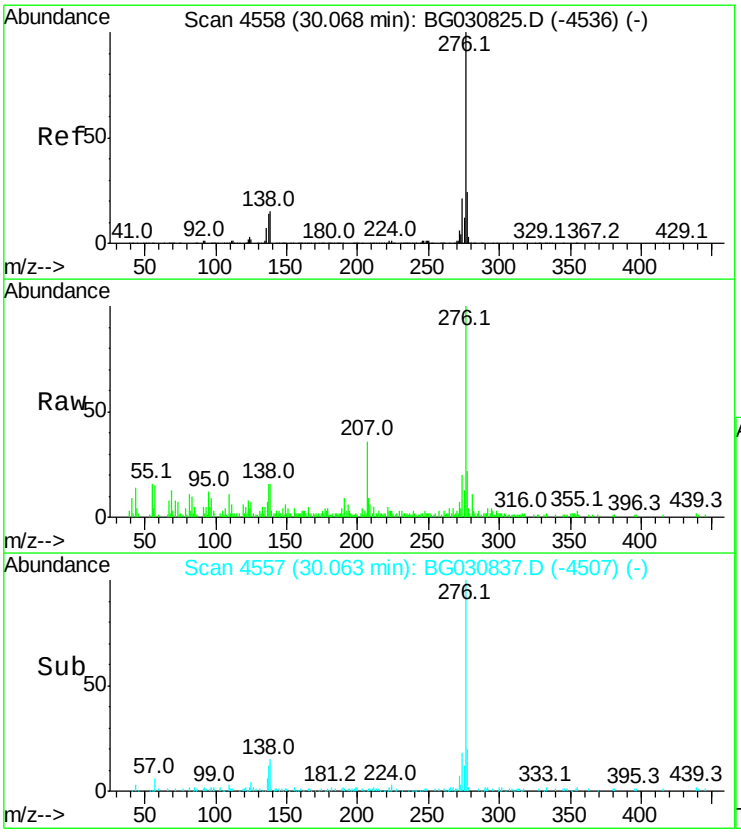
#89
Indeno(1,2,3-cd)pyrene
Concen: 2.008 ng/ul
RT: 28.88 min Scan# 4355
Delta R.T. -0.02 min
Lab File: BG030837.D
Acq: 8 Nov 2017 9:30

Instrument :
BNA_G
ClientSampleId :
B0ES8

Tgt Ion:276 Resp: 74608

Ion	Ratio	Lower	Upper
276	100		
138	19.6	13.4	20.0
277	29.7	18.6	28.0#





#91
Benzo(g,h,i)perylene
Concen: 2.544 ng/ul
RT: 30.06 min Scan# 4557
Delta R.T. -0.01 min
Lab File: BG030837.D
Acq: 8 Nov 2017 9:30

Tgt Ion:276 Resp: 78351

Ion	Ratio	Lower	Upper
276	100		
138	15.8	12.1	18.1
277	21.6	17.7	26.5