Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG082317\
Data File : BG028445.D
Acq On : 23 Aug 2017 11:28
Operator : SJ/JU
Sample : I4827-07
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AB6

Quant Time: Aug 24 01:30:06 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 24 01:29:02 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.35	152	36931	20.00	ng/ul	0.00
18) Naphthalene-d8	11.17	136	164216	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	107699	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	241300	20.00	ng/ul	0.00
75) Chrysene-d12	22.04	240	288193	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	409416	20.00	ng/ul	-0.23
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.83	96	3953	4.98	ng/uL	0.00
5) Phenol-d5	7.50	99	100257	24.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.66	67	63819	24.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.88	132	75080	29.34	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	87129	25.70	ng/ul	0.00
19) Nitrobenzene-d5	9.52	128	40553	31.58	ng/ul	0.00
22) 2-Nitrophenol-d4	10.24	143	46256	32.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.79	165	91009	31.24	ng/ul	0.00
29) 4-Chloroaniline-d4	11.30	131	80255	24.75	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	305157	31.86	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	351507	32.55	ng/ul	0.00
51) 4-Nitrophenol-d4	15.17	143	8230	5.40	ng/ul	0.02
57) Fluorene-d10	15.94	176	253411	29.49	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	4943	3.15	ng/ul	0.00
70) Anthracene-d10	17.81	188	388095	33.54	ng/ul	0.00
76) Pyrene-d10	20.08	212	449834	30.44	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.32	264	394494	20.58	ng/ul	0.02
Target Compounds						Qvalue
6) Phenol	7.53	94	6689	1.659	ng/ul	95
28) Naphthalene	11.21	128	36835	4.529	ng/ul	96
34) 2-Methylnaphthalene	12.80	142	22064	3.377	ng/ul	88
40) 1,1'-Biphenyl	13.78	154	9777	1.243	ng/ul#	90
44) Dimethylphthalate	14.39	163	116762	13.238	ng/ul#	98
47) Acenaphthylene	14.68	152	23200	2.248	ng/ul#	88
49) Acenaphthene	15.02	153	46992	6.748	ng/ul	94
53) Dibenzofuran	15.35	168	51604	5.082	ng/ul	99
58) Fluorene	16.00	166	56311	6.264	ng/ul	92
69) Phenanthrene	17.75	178	1183465	97.456	ng/ul	98
71) Anthracene	17.84	178	193715	15.608	ng/ul	98
72) Carbazole	18.11	167	80450	7.453	ng/ul	98
74) Fluoranthene	19.75	202	1926558	130.543	ng/ul	99
77) Pyrene	20.12	202	1913558	111.293	ng/ul	98
80) Benzo(a)anthracene	22.02	228	1022603	61.412	ng/ul	96
82) Chrysene	22.09	228	1055698	70.396	ng/ul	96
88) Benzo(a)pyrene	25.39	252	812357	34.246	ng/ul	97

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

Quantitation Report (Not Reviewed)

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Data File : BG028445.D
Acq On : 23 Aug 2017 11:28
Operator : SJ/JU
Sample : I4827-07
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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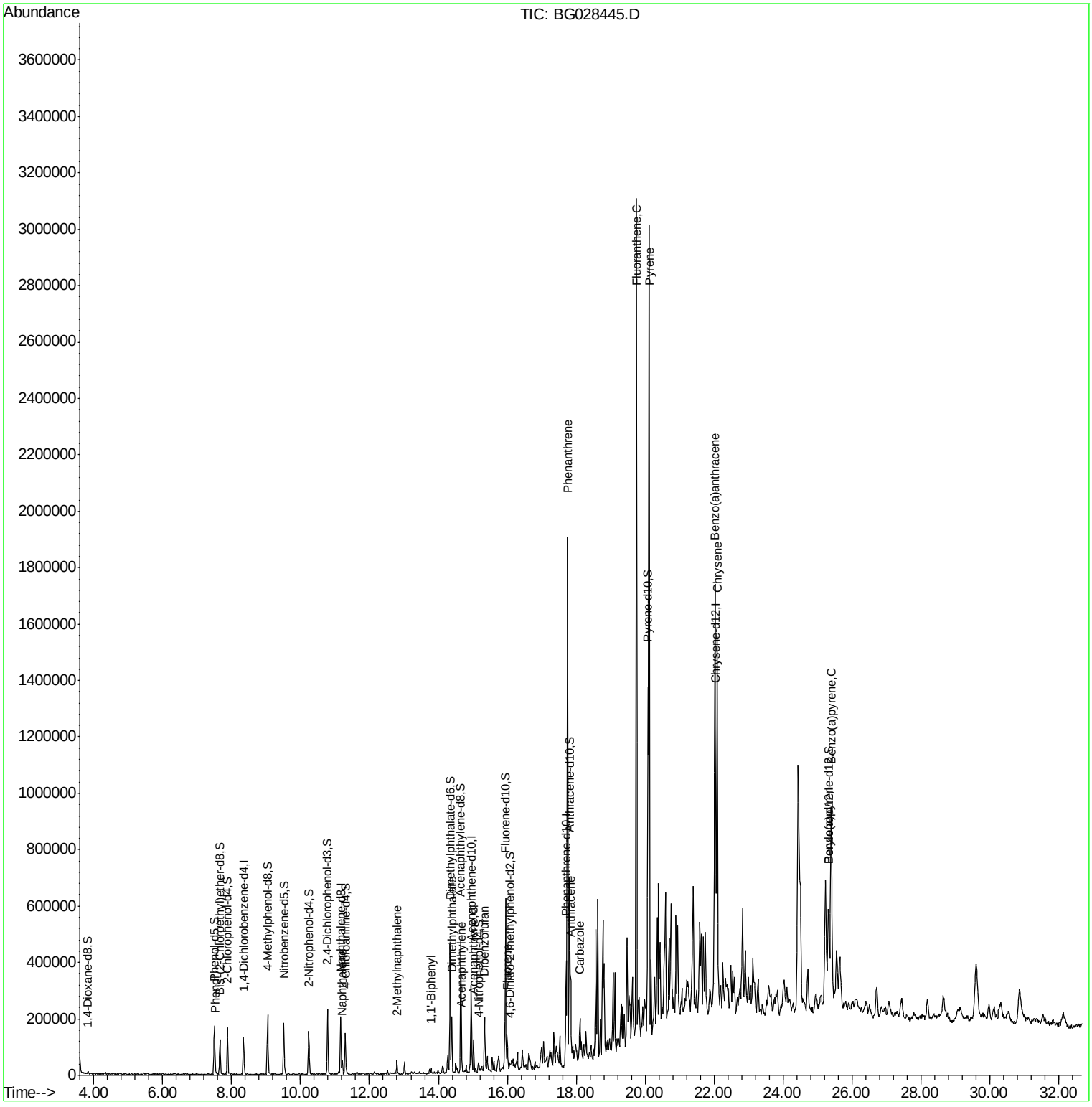
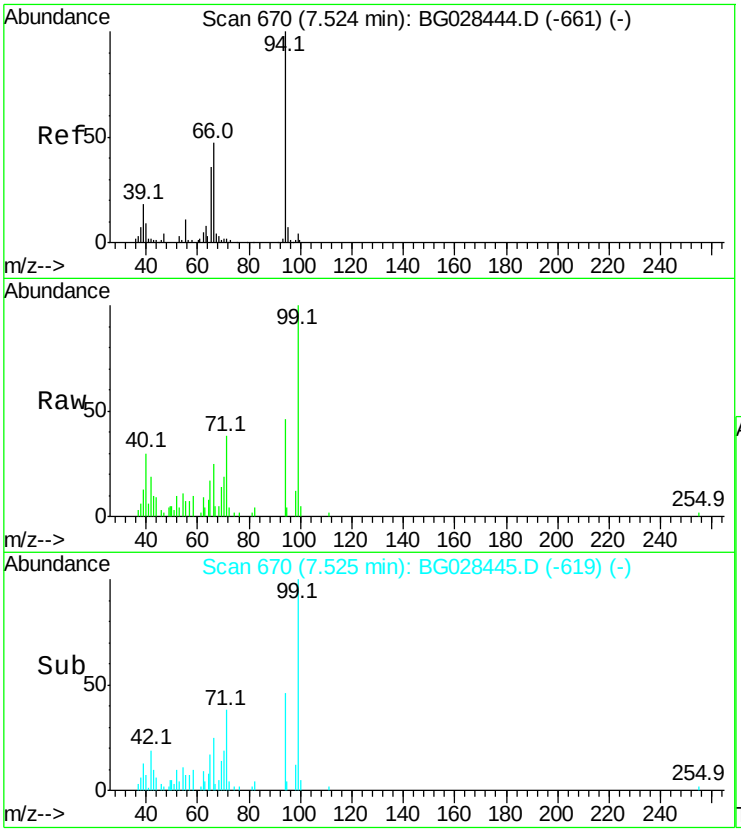
Quant Time: Aug 24 01:30:06 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 24 01:29:02 2017
Response via : Initial Calibration



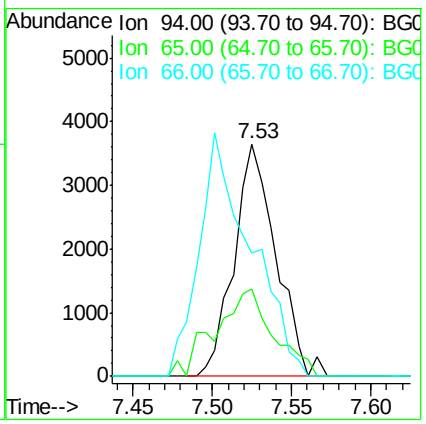


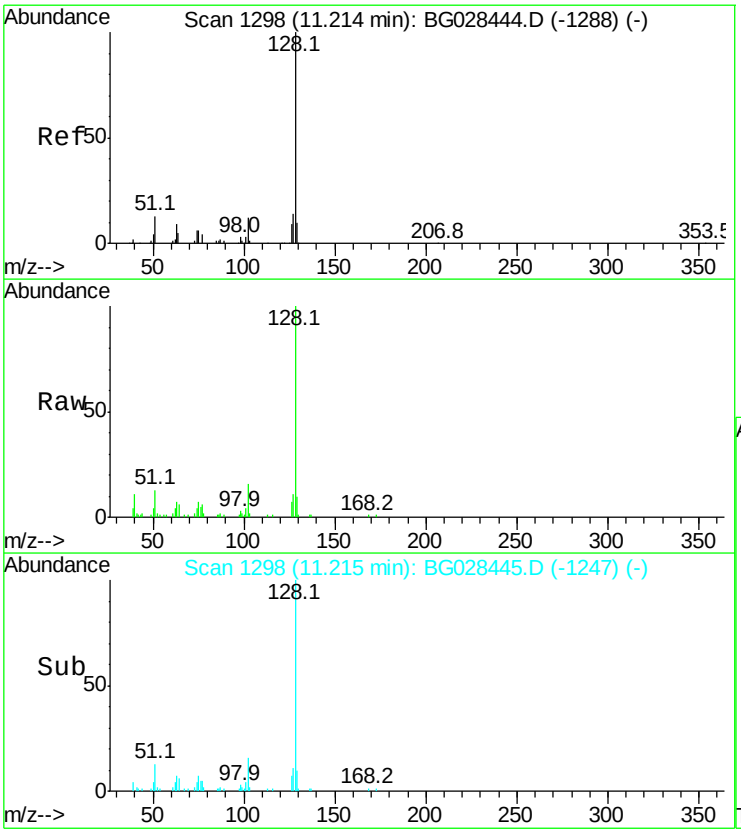
#6
Phenol
Concen: 1.659 ng/ul
RT: 7.53 min Scan# 670
Delta R.T. 0.00 min
Lab File: BG028445.D
Acq: 23 Aug 2017 11:28

Instrument :
BNA_G
ClientSampleId :
B0AB6

Tgt Ion: 94 Resp: 6689

Ion	Ratio	Lower	Upper
94	100		
65	37.6	26.8	40.2
66	53.0	44.4	66.6

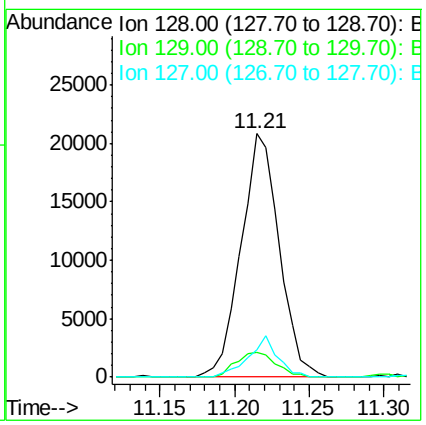


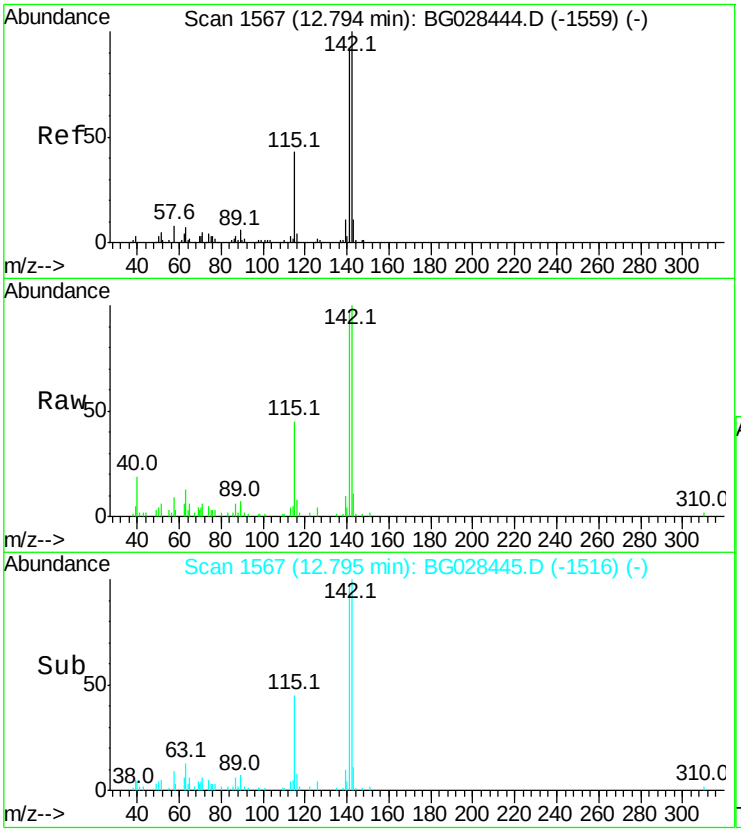


#28
Naphthalene
Concen: 4.529 ng/ul
RT: 11.21 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BG028445.D
Acq: 23 Aug 2017 11:28

Tgt Ion:128 Resp: 36835

Ion	Ratio	Lower	Upper
128	100		
129	10.3	9.4	14.2
127	11.3	10.3	15.5



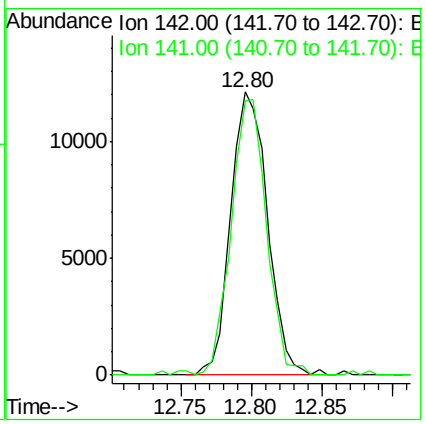


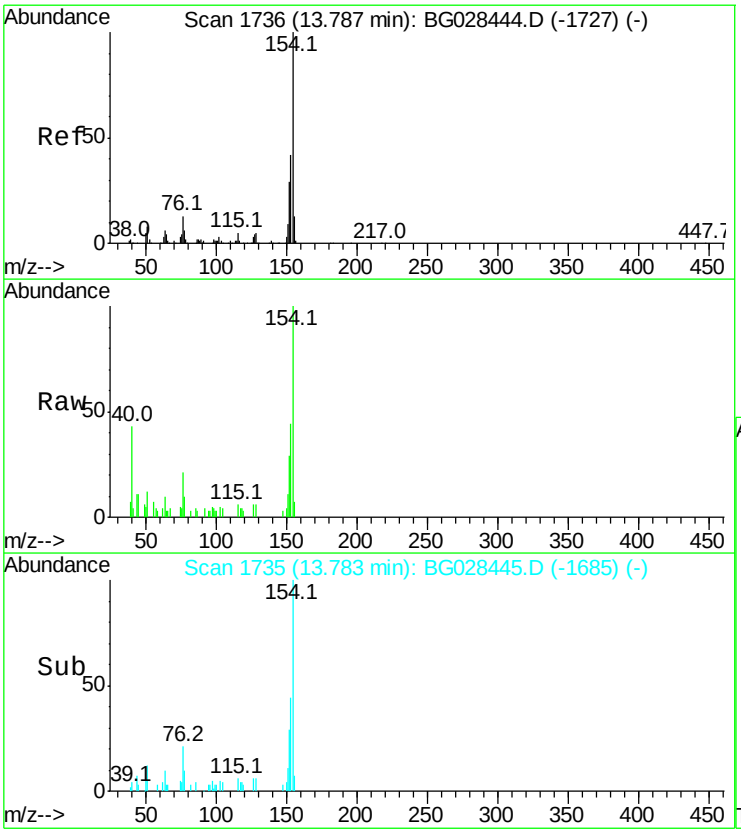
#34
2-Methylnaphthalene
Concen: 3.377 ng/ul
RT: 12.80 min Scan# 1567
Delta R.T. 0.00 min
Lab File: BG028445.D
Acq: 23 Aug 2017 11:28

Instrument :
BNA_G
ClientSampleId :
B0AB6

Tgt Ion:142 Resp: 22064

Ion	Ratio	Lower	Upper
142	100		
141	97.1	68.6	102.8

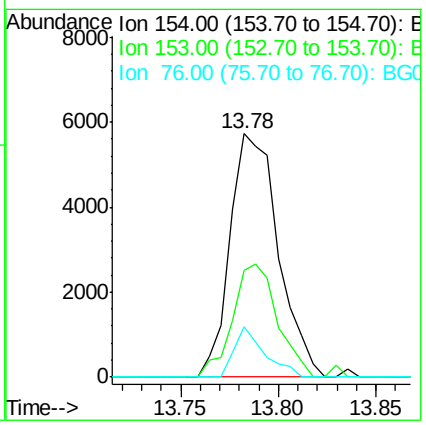


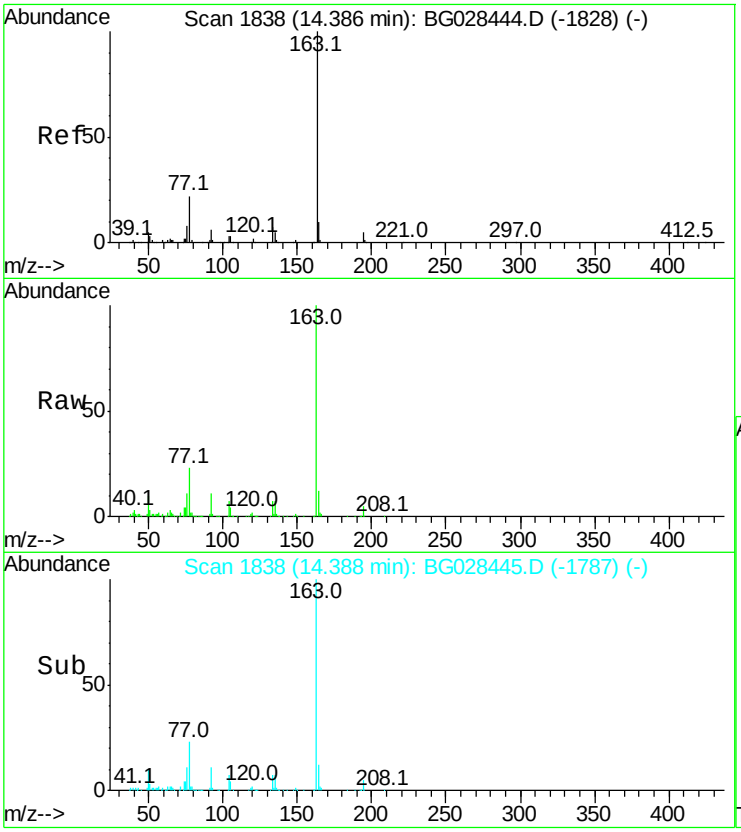


#40
1,1'-Biphenyl
Concen: 1.243 ng/ul
RT: 13.78 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BG028445.D
Acq: 23 Aug 2017 11:28

Tgt Ion:154 Resp: 9777

Ion	Ratio	Lower	Upper
154	100		
153	43.8	32.2	48.2
76	20.5	9.6	14.4#



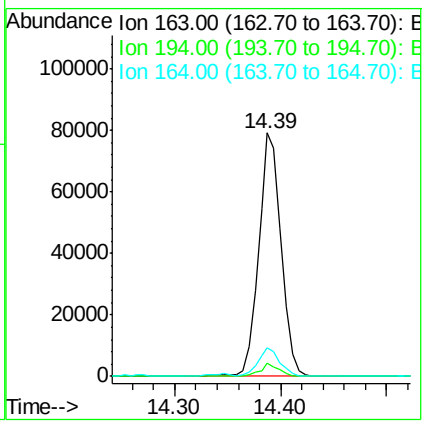


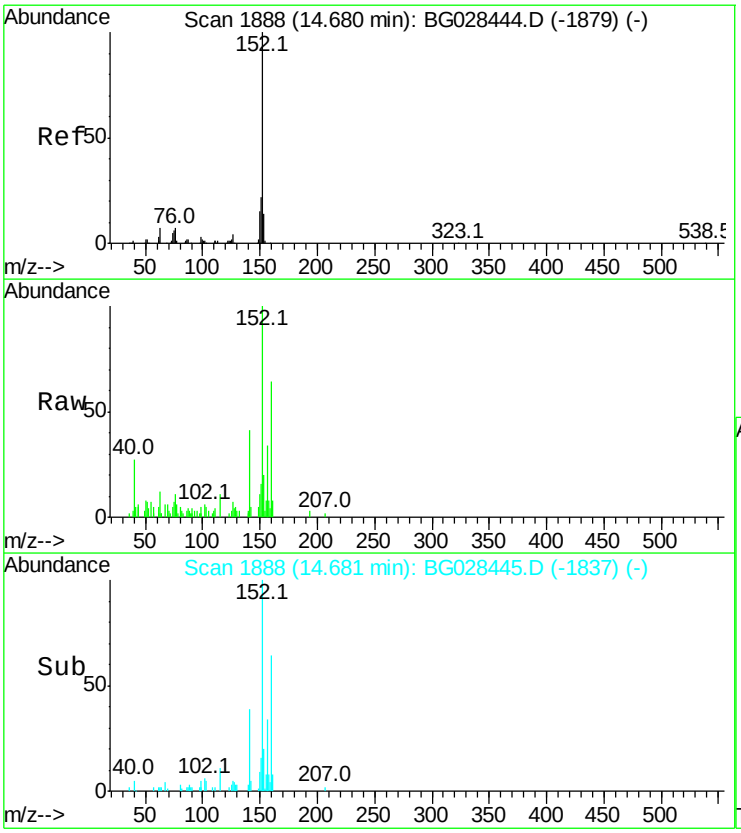
#44
Dimethylphthalate
Concen: 13.238 ng/ul
RT: 14.39 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BG028445.D
Acq: 23 Aug 2017 11:28

Instrument :
BNA_G
ClientSampleId :
B0AB6

Tgt Ion:163 Resp: 116762

Ion	Ratio	Lower	Upper
163	100		
194	5.3	3.4	5.0#
164	11.9	9.0	13.4

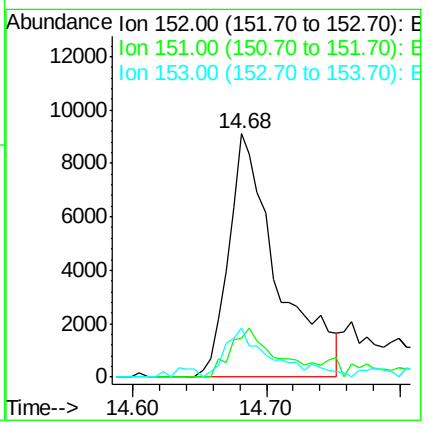


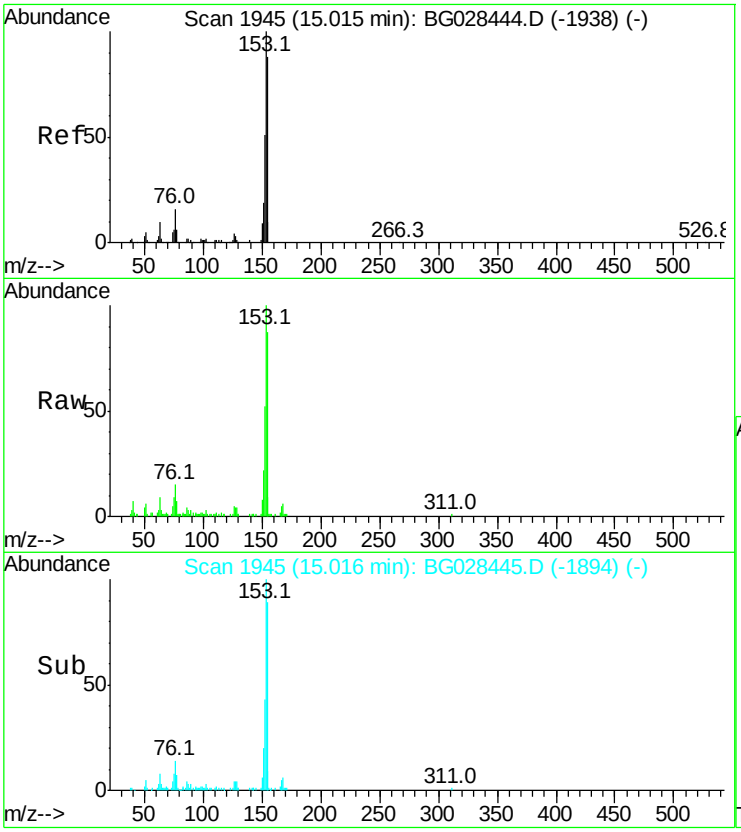


#47
Acenaphthylene
Concen: 2.248 ng/ul
RT: 14.68 min Scan# 1888
Delta R.T. 0.00 min
Lab File: BG028445.D
Acq: 23 Aug 2017 11:28

Tgt Ion:152 Resp: 23200

Ion	Ratio	Lower	Upper
152	100		
151	16.2	16.7	25.1#
153	20.0	11.4	17.2#



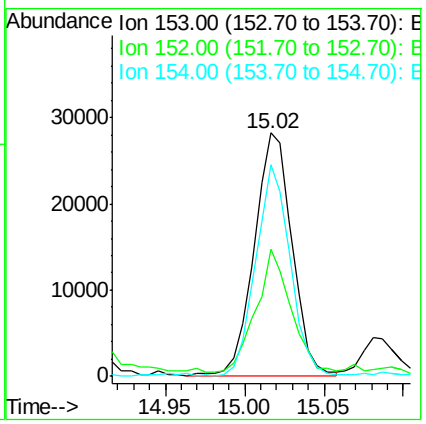


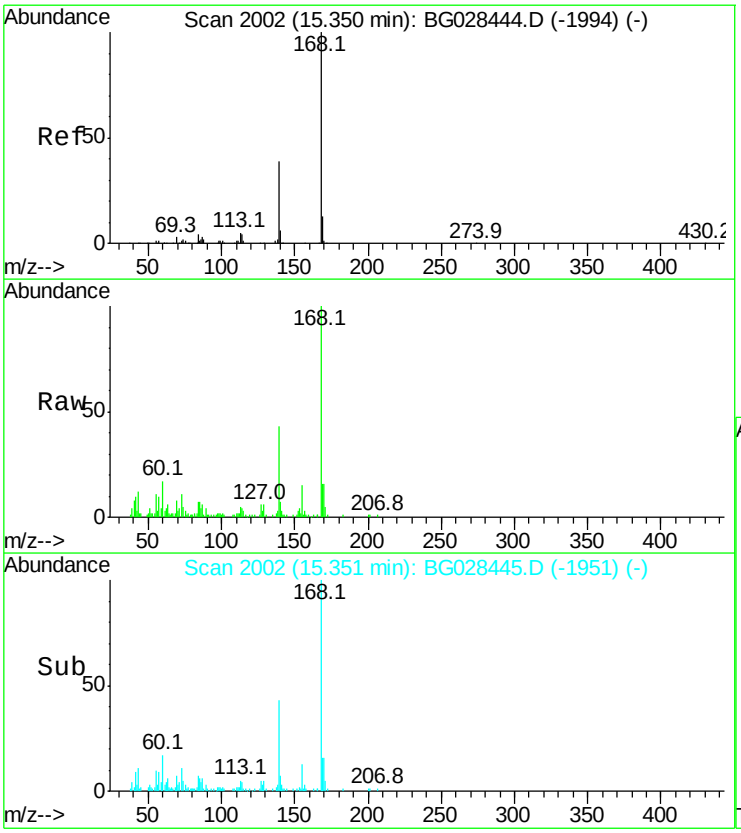
#49
Acenaphthene
Concen: 6.748 ng/ul
RT: 15.02 min Scan# 1945
Delta R.T. 0.00 min
Lab File: BG028445.D
Acq: 23 Aug 2017 11:28

Instrument :
BNA_G
ClientSampleId :
B0AB6

Tgt Ion:153 Resp: 46992

Ion	Ratio	Lower	Upper
153	100		
152	52.4	36.5	54.7
154	86.9	72.3	108.5

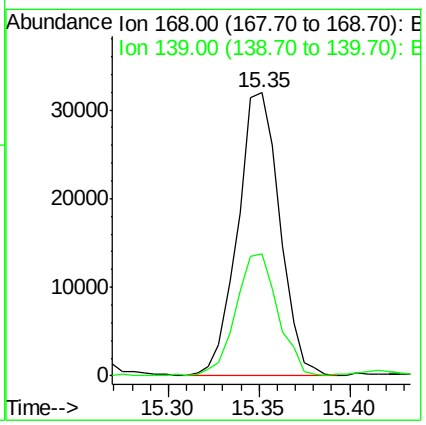


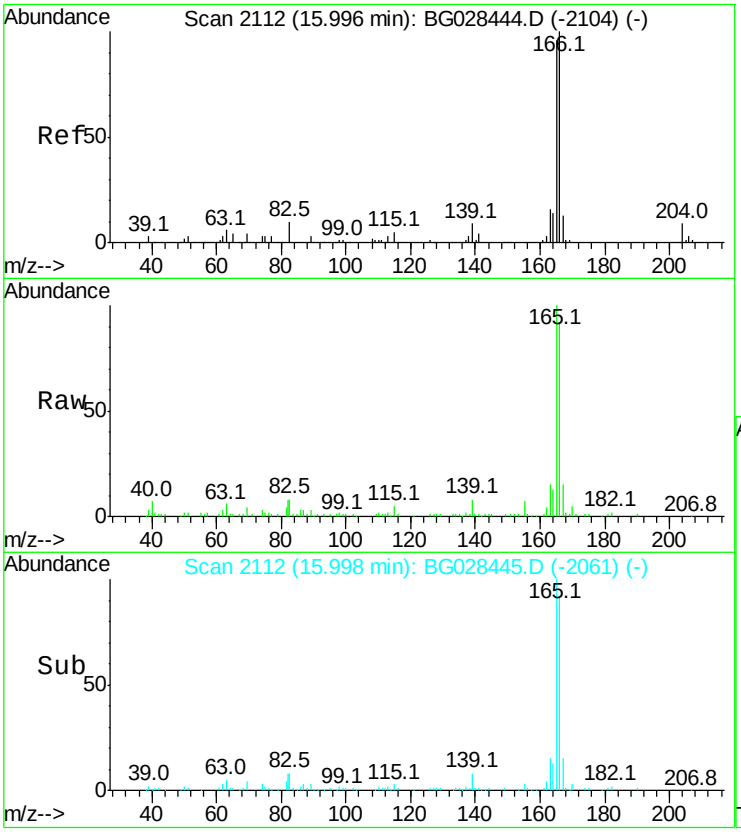


#53
Dibenzofuran
Concen: 5.082 ng/ul
RT: 15.35 min Scan# 2002
Delta R.T. 0.00 min
Lab File: BG028445.D
Acq: 23 Aug 2017 11:28

Tgt Ion:168 Resp: 51604

Ion	Ratio	Lower	Upper
168	100		
139	42.9	33.8	50.8



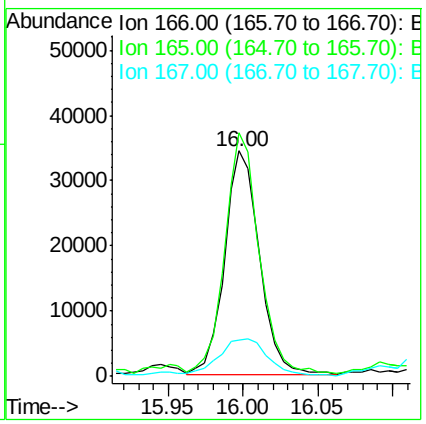


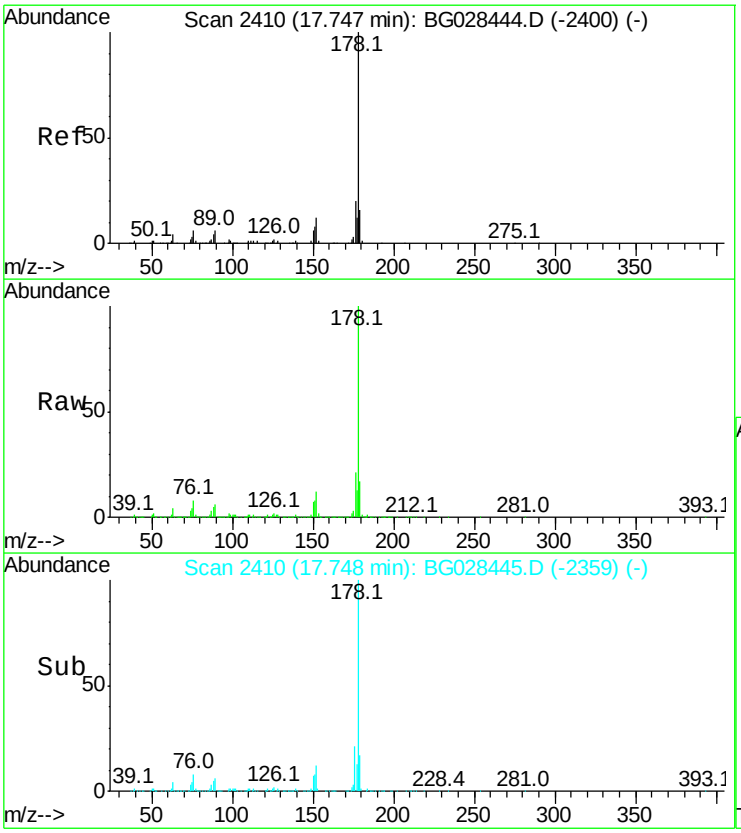
#58
Fluorene
Concen: 6.264 ng/ul
RT: 16.00 min Scan# 2112
Delta R.T. 0.00 min
Lab File: BG028445.D
Acq: 23 Aug 2017 11:28

Instrument :
BNA_G
ClientSampleId :
B0AB6

Tgt Ion:166 Resp: 56311

Ion	Ratio	Lower	Upper
166	100		
165	108.2	79.7	119.5
167	15.9	11.4	17.2

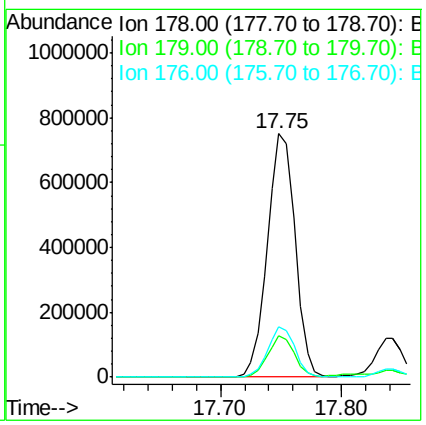


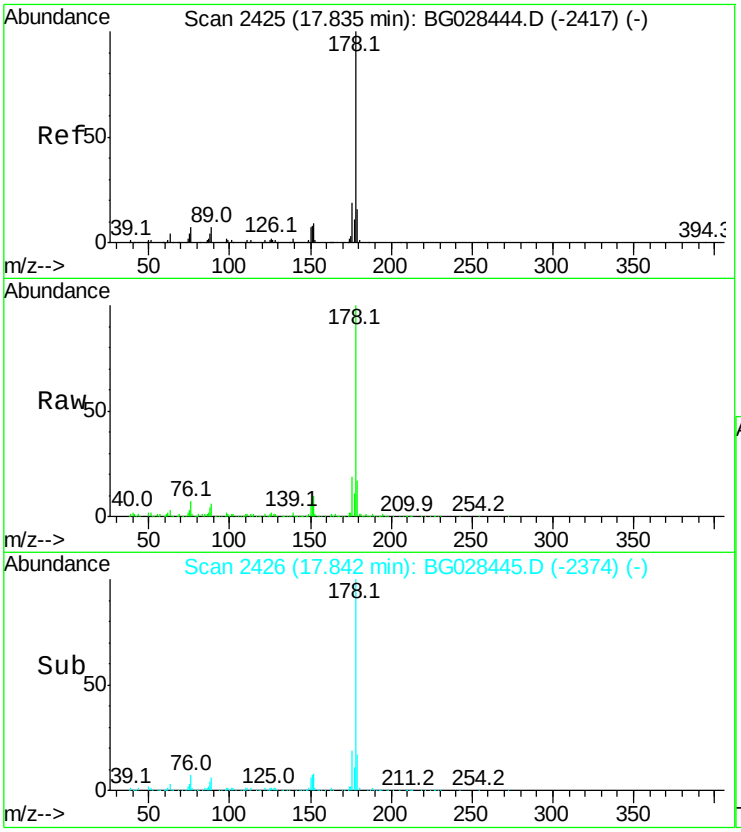


#69
Phenanthrene
Concen: 97.456 ng/ul
RT: 17.75 min Scan# 2410
Delta R.T. 0.00 min
Lab File: BG028445.D
Acq: 23 Aug 2017 11:28

Tgt Ion:178 Resp: 1183465

Ion	Ratio	Lower	Upper
178	100		
179	17.2	12.4	18.6
176	20.7	16.5	24.7



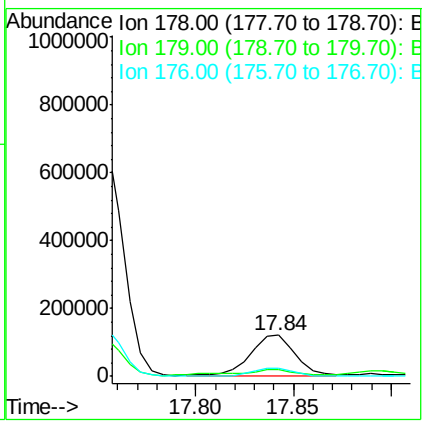


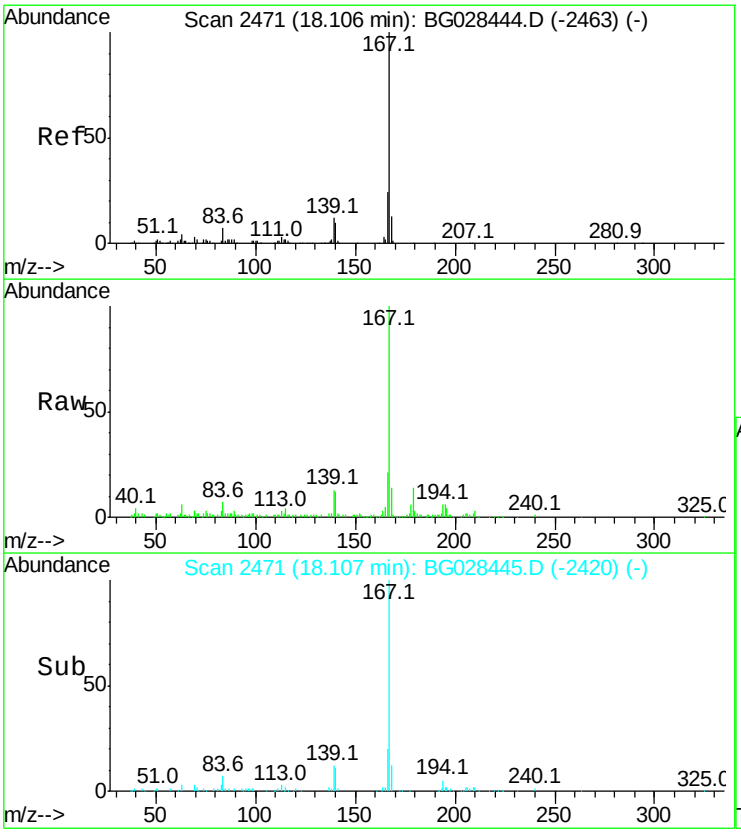
#71
Anthracene
Concen: 15.608 ng/ul
RT: 17.84 min Scan# 2426
Delta R.T. 0.01 min
Lab File: BG028445.D
Acq: 23 Aug 2017 11:28

Instrument :
BNA_G
ClientSampleId :
B0AB6

Tgt Ion:178 Resp: 193715

Ion	Ratio	Lower	Upper
178	100		
179	17.1	12.6	19.0
176	19.2	15.9	23.9

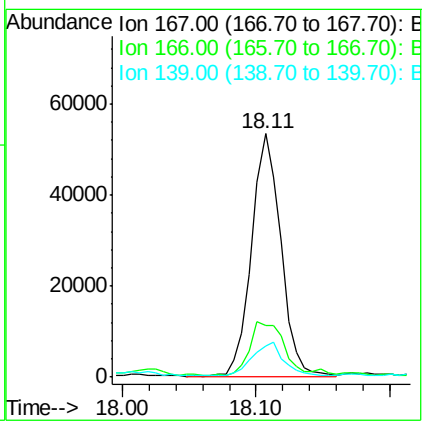


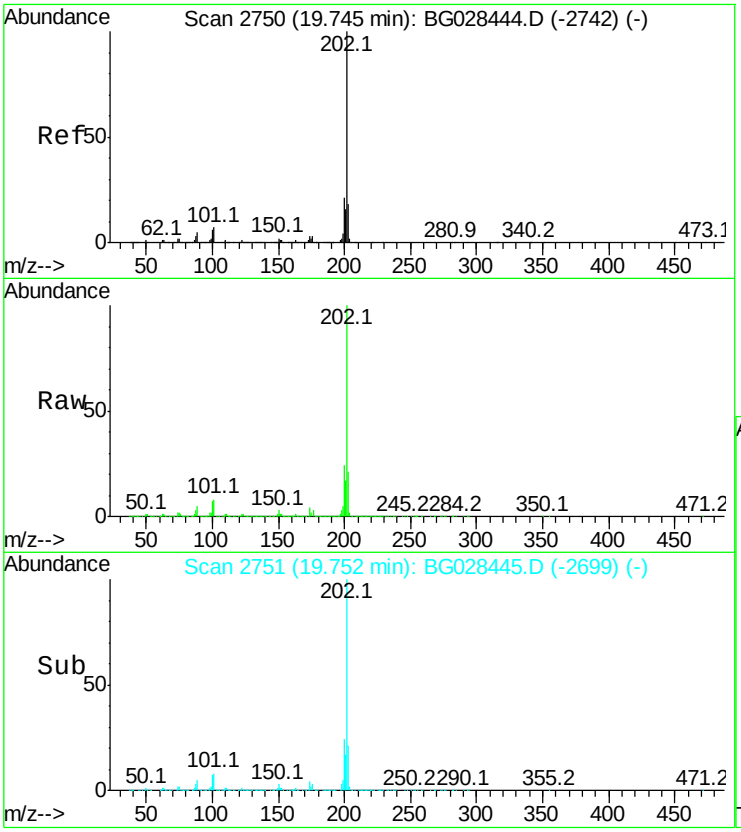


#72
Carbazole
Concen: 7.453 ng/ul
RT: 18.11 min Scan# 2471
Delta R.T. 0.00 min
Lab File: BG028445.D
Acq: 23 Aug 2017 11:28

Tgt Ion:167 Resp: 80450

Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.9	26.9
139	12.8	10.5	15.7



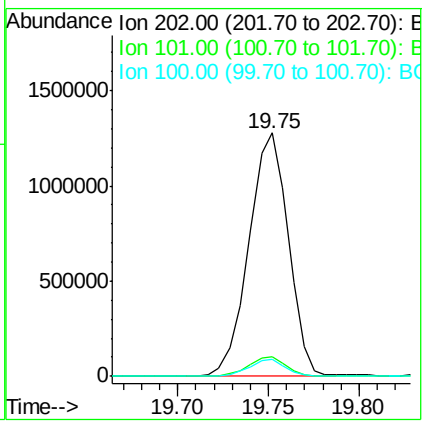


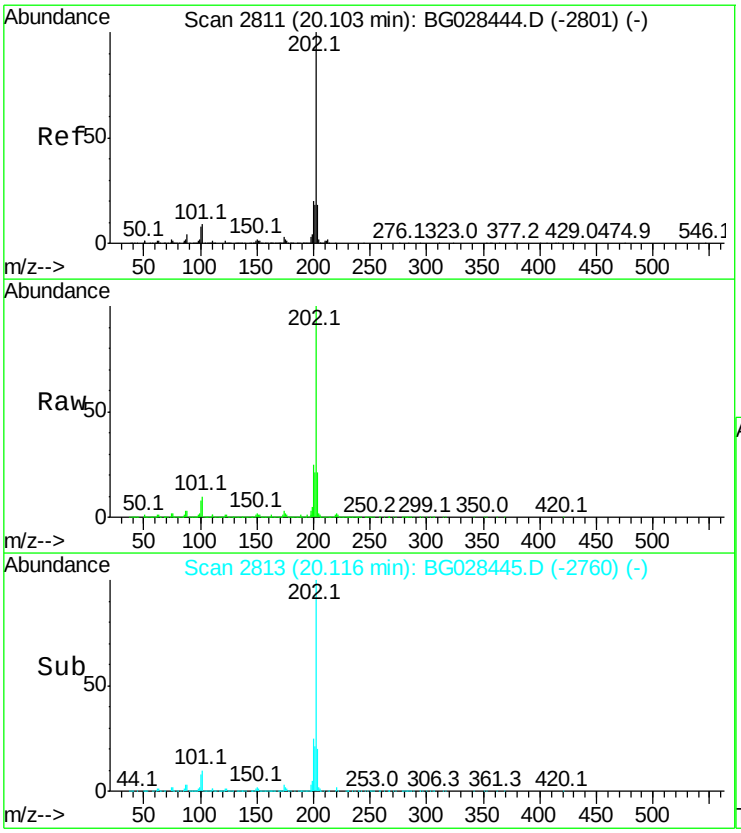
#74
Fluoranthene
Concen: 130.543 ng/ul
RT: 19.75 min Scan# 2751
Delta R.T. 0.01 min
Lab File: BG028445.D
Acq: 23 Aug 2017 11:28

Instrument :
BNA_G
ClientSampleId :
B0AB6

Tgt Ion:202 Resp: 1926558

Ion	Ratio	Lower	Upper
202	100		
101	8.2	6.2	9.2
100	6.9	5.2	7.8

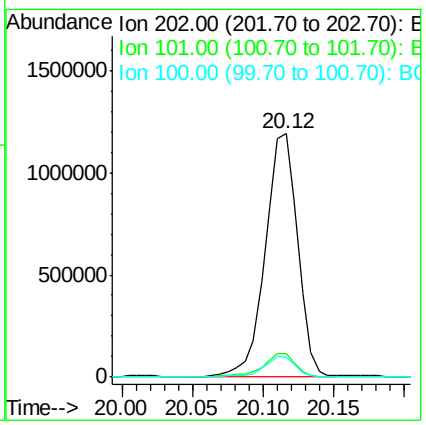


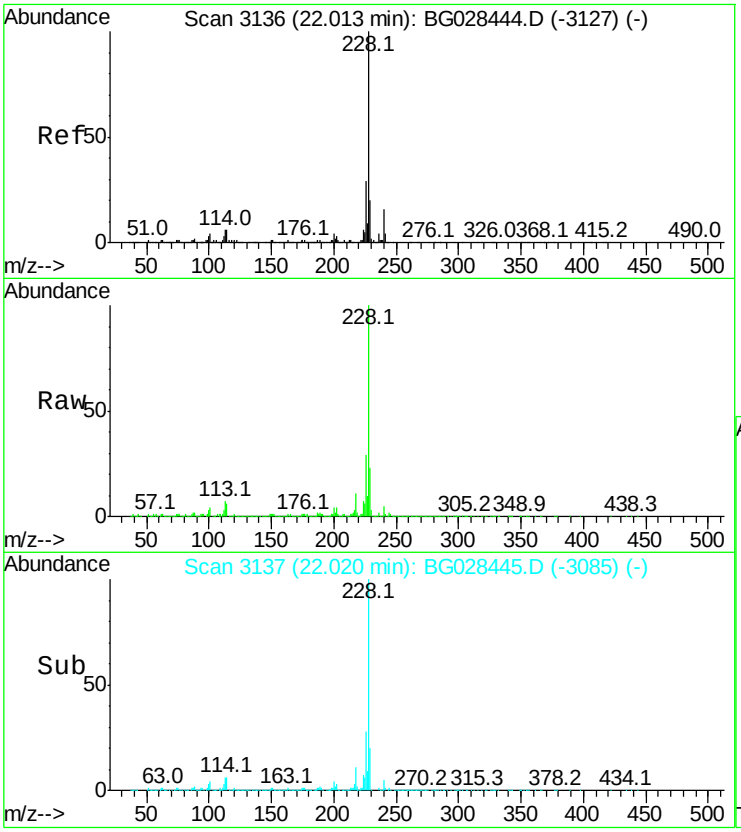


#77
Pyrene
Concen: 111.293 ng/ul
RT: 20.12 min Scan# 2813
Delta R.T. 0.01 min
Lab File: BG028445.D
Acq: 23 Aug 2017 11:28

Tgt Ion:202 Resp: 1913558

Ion	Ratio	Lower	Upper
202	100		
101	9.9	6.9	10.3
100	8.2	6.6	10.0



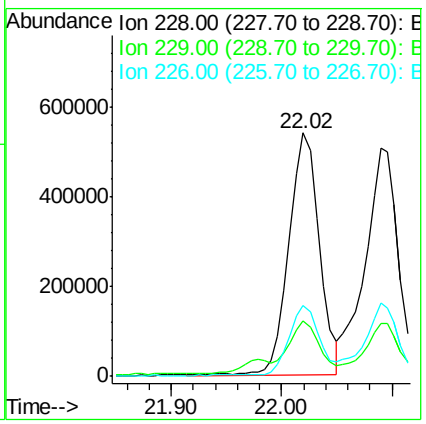


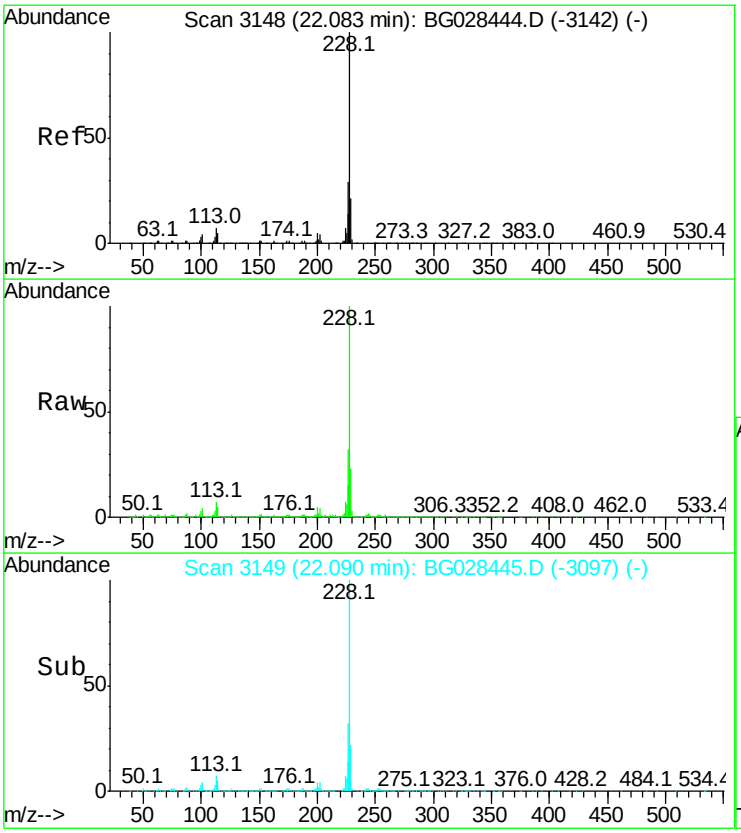
#80
Benzo(a)anthracene
Concen: 61.412 ng/ul
RT: 22.02 min Scan# 3137
Delta R.T. 0.01 min
Lab File: BG028445.D
Acq: 23 Aug 2017 11:28

Instrument :
BNA_G
ClientSampleId :
B0AB6

Tgt Ion:228 Resp: 1022603

Ion	Ratio	Lower	Upper
228	100		
229	22.7	16.3	24.5
226	28.9	21.9	32.9

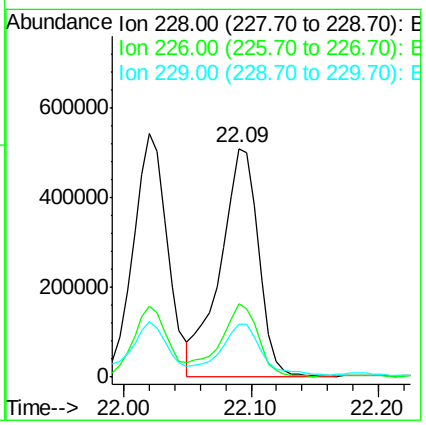


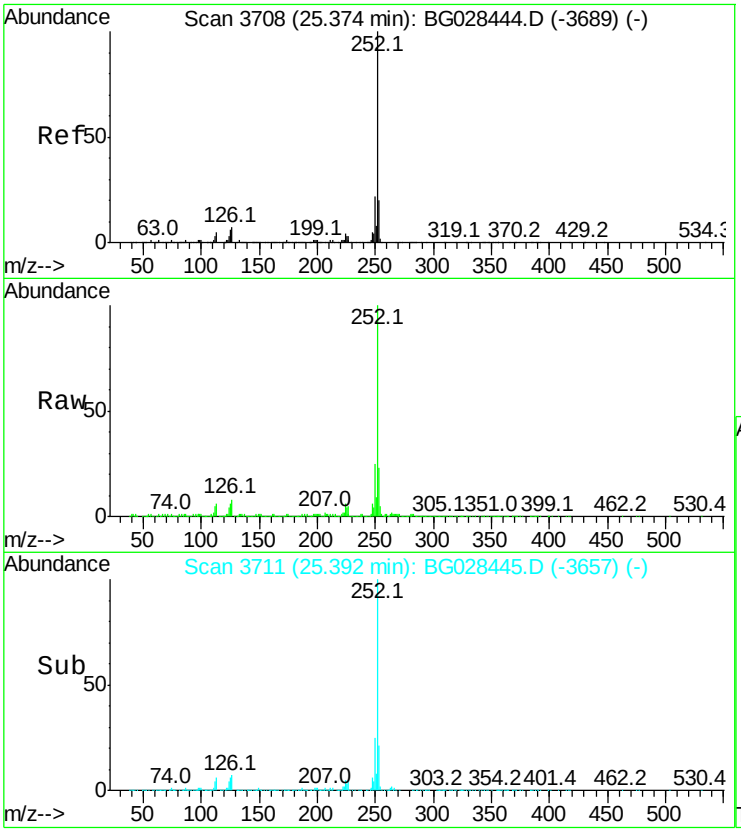


#82
Chrysene
Concen: 70.396 ng/ul
RT: 22.09 min Scan# 3149
Delta R.T. 0.01 min
Lab File: BG028445.D
Acq: 23 Aug 2017 11:28

Tgt Ion:228 Resp: 1055698

Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.0	36.0
229	23.3	16.9	25.3





#88
Benzo(a)pyrene
Concen: 34.246 ng/ul
RT: 25.39 min Scan# 3711
Delta R.T. 0.02 min
Lab File: BG028445.D
Acq: 23 Aug 2017 11:28

Instrument :
BNA_G
ClientSampleId :
B0AB6

Tgt Ion:252 Resp: 812357

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.8	26.6
125	6.0	5.4	8.0