Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG082217\
Data File : BG028432.D
Acq On : 23 Aug 2017 00:37
Operator : SJ/JU
Sample : I4827-05 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AB4

Quant Time: Aug 23 07:09:47 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 23 07:06:03 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.35	152	45049	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	210511	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	149333	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	332888	20.00	ng/ul	0.00
75) Chrysene-d12	22.04	240	414115	20.00	ng/ul	0.01
83) Perylene-d12	25.56	264	390376	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.84	96	445	0.46	ng/uL	0.01
5) Phenol-d5	7.50	99	11021	2.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.66	67	6946	2.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.88	132	8947	2.87	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	9694	2.34	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	4921	2.99	ng/ul	0.00
22) 2-Nitrophenol-d4	10.24	143	5426	3.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.79	165	10316	2.76	ng/ul	0.00
29) 4-Chloroaniline-d4	11.30	131	9177	2.21	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	37298	2.81	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	44508	2.97	ng/ul	0.00
51) 4-Nitrophenol-d4	15.17	143	3181	1.51	ng/ul	0.02
57) Fluorene-d10	15.94	176	32930	2.76	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.09	200	1806	0.84	ng/ul	0.02
70) Anthracene-d10	17.81	188	50941	3.19	ng/ul	0.00
76) Pyrene-d10	20.08	212	63336	2.98	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.31	264	50855	2.78	ng/ul	0.01
Target Compounds						Qvalue
28) Naphthalene	11.21	128	178893	17.158	ng/ul	97
30) 4-Chloroaniline	11.21	127	24122	5.987	ng/ul#	38
34) 2-Methylnaphthalene	12.80	142	96062	11.471	ng/ul	94
40) 1,1'-Biphenyl	13.78	154	37361	3.426	ng/ul	95
44) Dimethylphthalate	14.39	163	12598	1.030	ng/ul#	90
47) Acenaphthylene	14.68	152	72576	5.071	ng/ul	96
49) Acenaphthene	15.02	153	235777	24.418	ng/ul	94
53) Dibenzofuran	15.35	168	319227	22.675	ng/ul	98
58) Fluorene	16.00	166	474881	38.100	ng/ul	99
60) 4-Nitroaniline	16.00	138	5859	2.172	ng/ul#	1
69) Phenanthrene	17.84	178	1124784	67.140	ng/ul	98
71) Anthracene	17.84	178	1124784	65.692	ng/ul	99
72) Carbazole	18.11	167	333543	22.399	ng/ul	99
74) Fluoranthene	19.89	202	97573	4.792	ng/ul	98
77) Pyrene	20.12	202	4351477	176.127	ng/ul#	90
80) Benzo(a)anthracene	22.03	228	2466771	103.094	ng/ul	93
82) Chrysene	22.03	228	2466771	114.472	ng/ul	96
85) Benzo(b)fluoranthene	24.45	252	2583471	110.591	ng/ul#	96
86) Benzo(k)fluoranthene	24.45	252	2583471	113.218	ng/ul#	98
88) Benzo(a)pyrene	25.40	252	2052359	90.739	ng/ul	96
89) Indeno(1,2,3-cd)pyrene	29.60	276	1206007	45.532	ng/ul	97
90) Dibenzo(a,h)anthracene	29.63	278	299256	13.480	ng/ul#	98
91) Benzo(g,h,i)perylene	30.87	276	1034690	47.484	ng/ul	96

Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG082217\
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Sample : I4827-05 10X
Misc :
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Instrument :
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Quant Time: Aug 23 07:09:47 2017
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG082217\
Data File : BG028432.D
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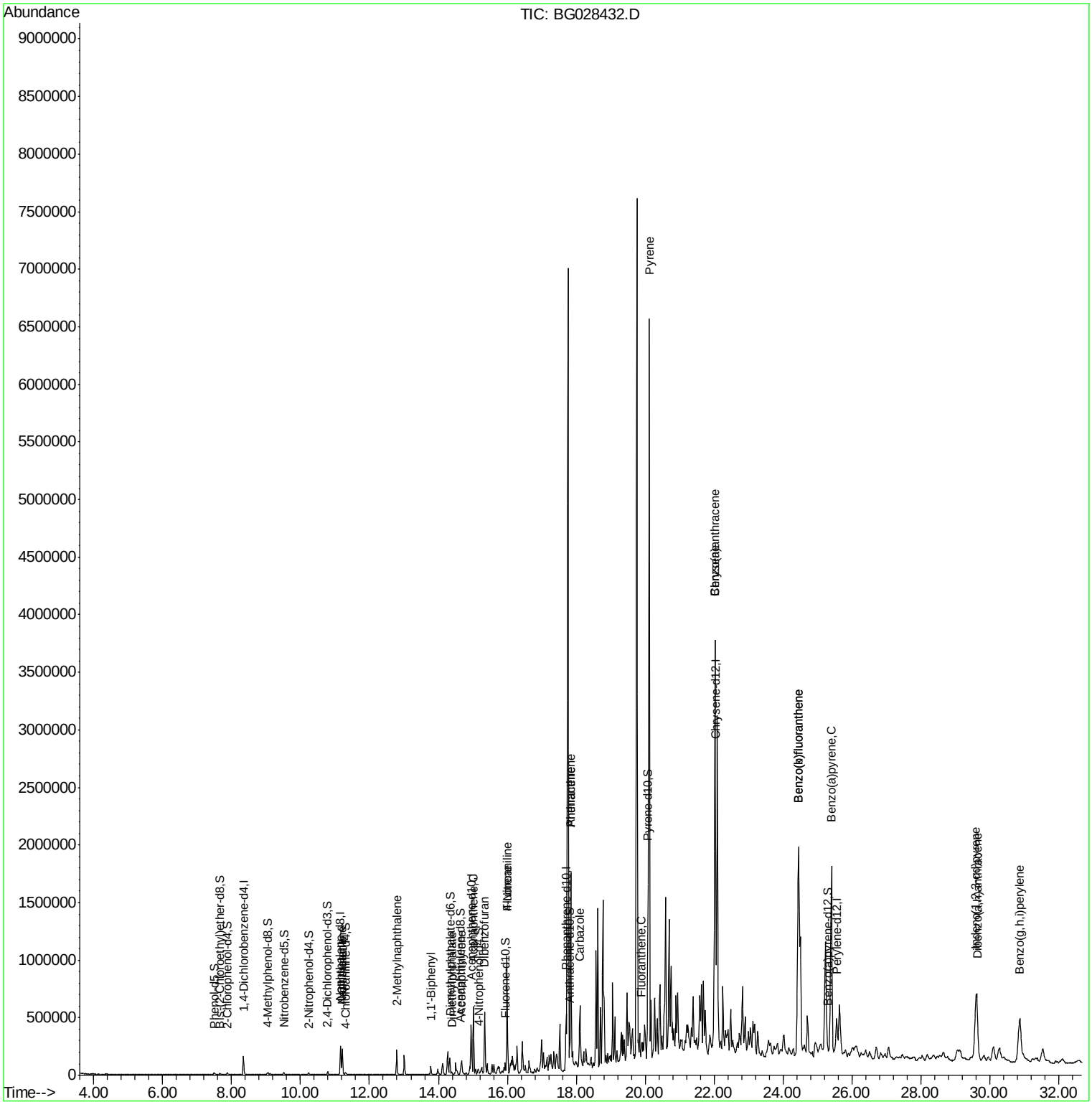
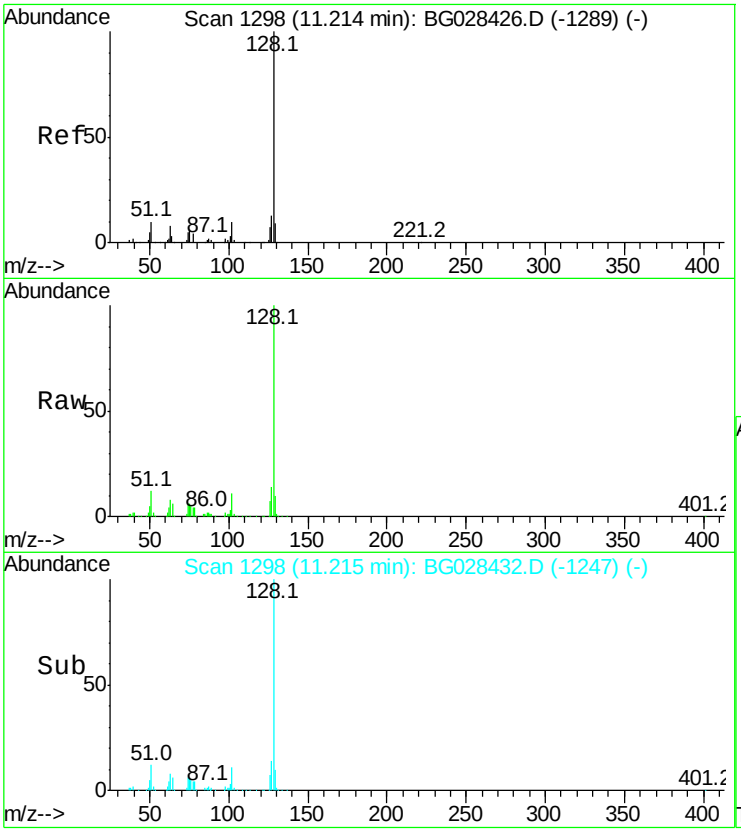
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 23 07:06:03 2017
Response via : Initial Calibration



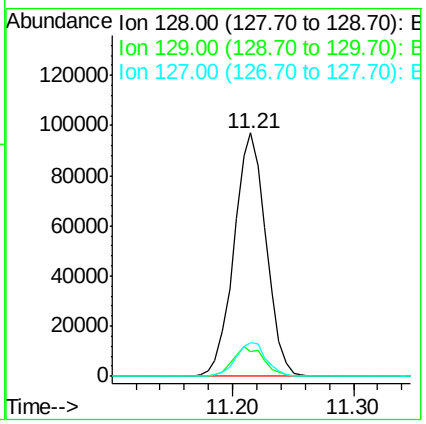


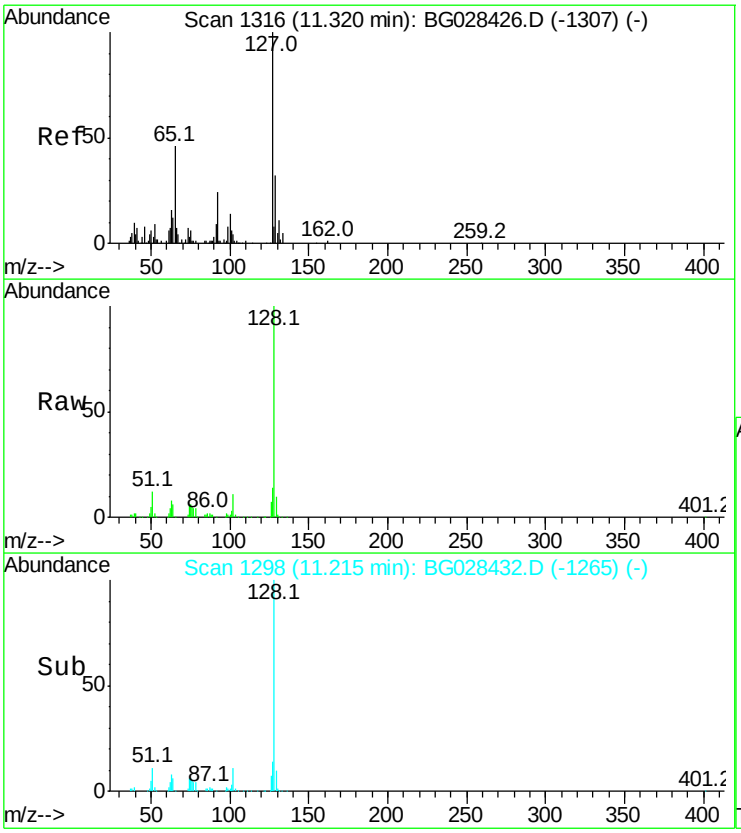
#28
Naphthalene
Concen: 17.158 ng/ul
RT: 11.21 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BG028432.D
Acq: 23 Aug 2017 00:37

Instrument :
BNA_G
ClientSampleId :
B0AB4

Tgt Ion:128 Resp: 178893

Ion	Ratio	Lower	Upper
128	100		
129	10.0	9.4	14.2
127	13.8	10.3	15.5

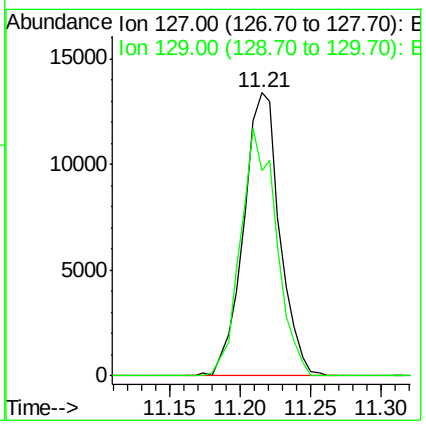


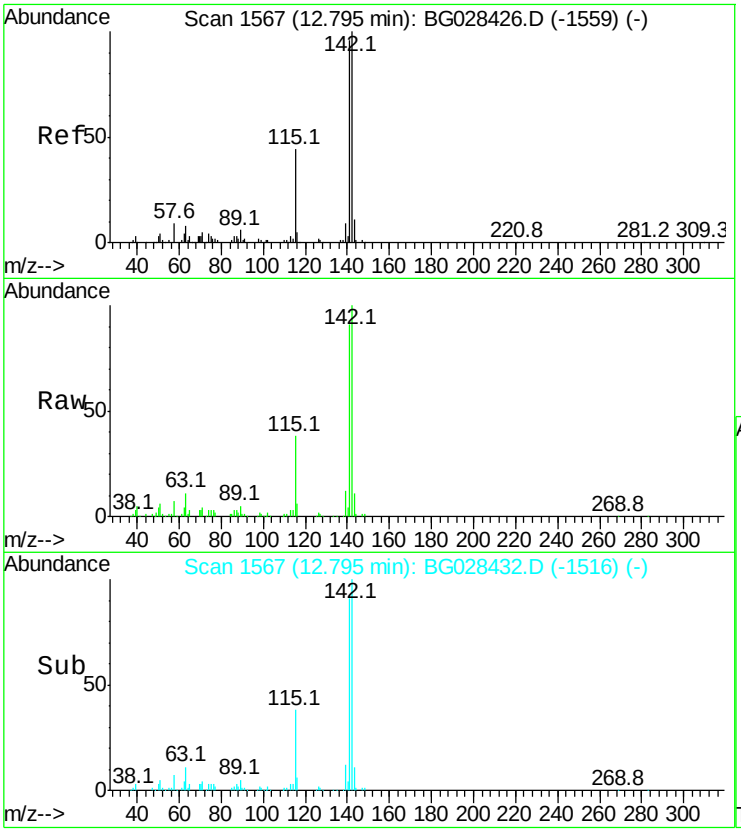


#30
4-Chloroaniline
Concen: 5.987 ng/ul
RT: 11.21 min Scan# 1298
Delta R.T. -0.11 min
Lab File: BG028432.D
Acq: 23 Aug 2017 00:37

Tgt Ion:127 Resp: 24122

Ion	Ratio	Lower	Upper
127	100		
129	72.5	28.9	43.3#



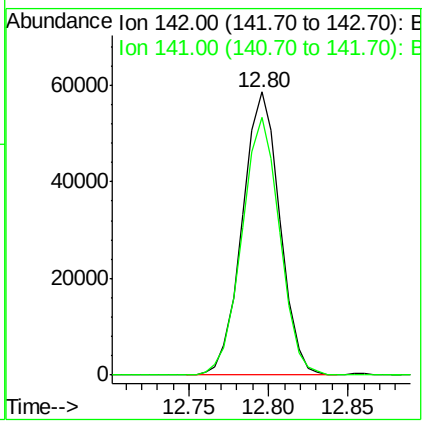


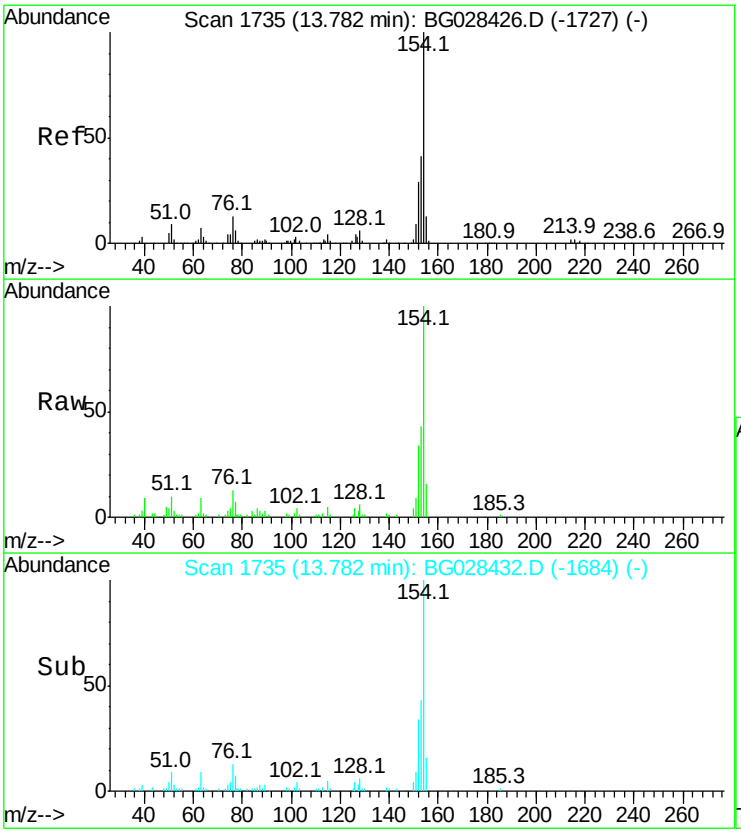
#34
2-Methylnaphthalene
Concen: 11.471 ng/ul
RT: 12.80 min Scan# 1567
Delta R.T. 0.00 min
Lab File: BG028432.D
Acq: 23 Aug 2017 00:37

Instrument :
BNA_G
ClientSampleId :
B0AB4

Tgt Ion:142 Resp: 96062

Ion	Ratio	Lower	Upper
142	100		
141	91.0	68.6	102.8

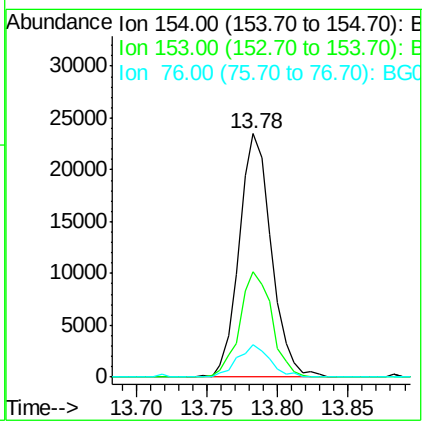


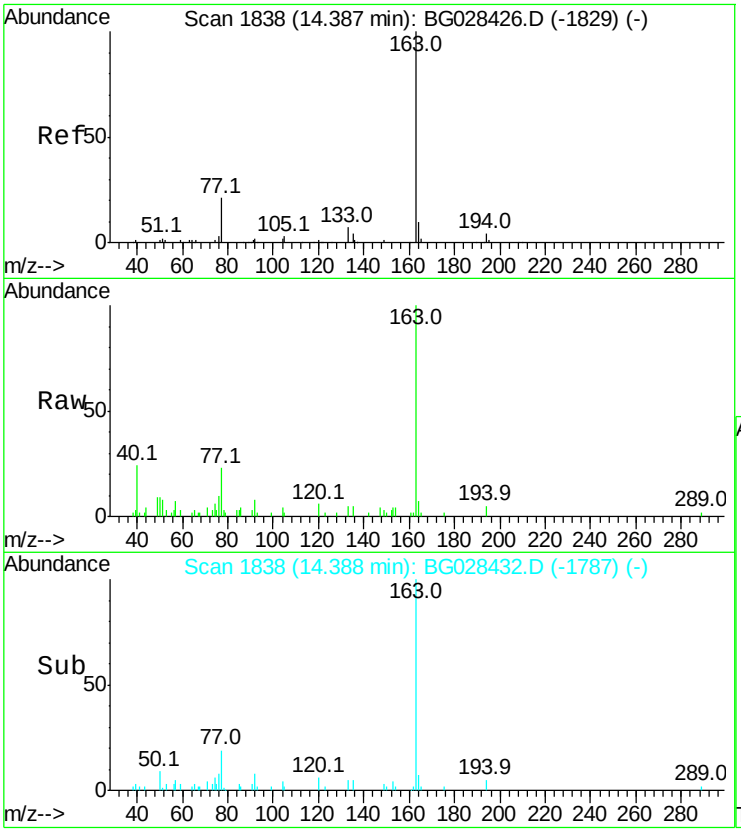


#40
1,1'-Biphenyl
Concen: 3.426 ng/ul
RT: 13.78 min Scan# 1735
Delta R.T. 0.00 min
Lab File: BG028432.D
Acq: 23 Aug 2017 00:37

Tgt Ion:154 Resp: 37361

Ion	Ratio	Lower	Upper
154	100		
153	43.4	32.2	48.2
76	13.4	9.6	14.4



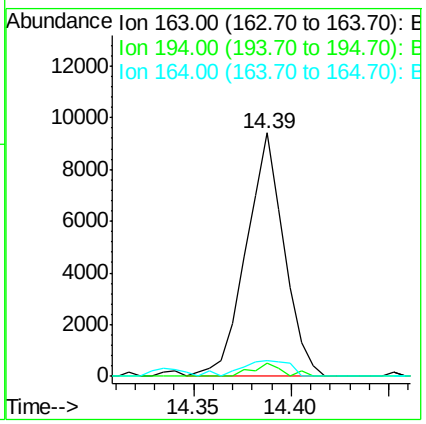


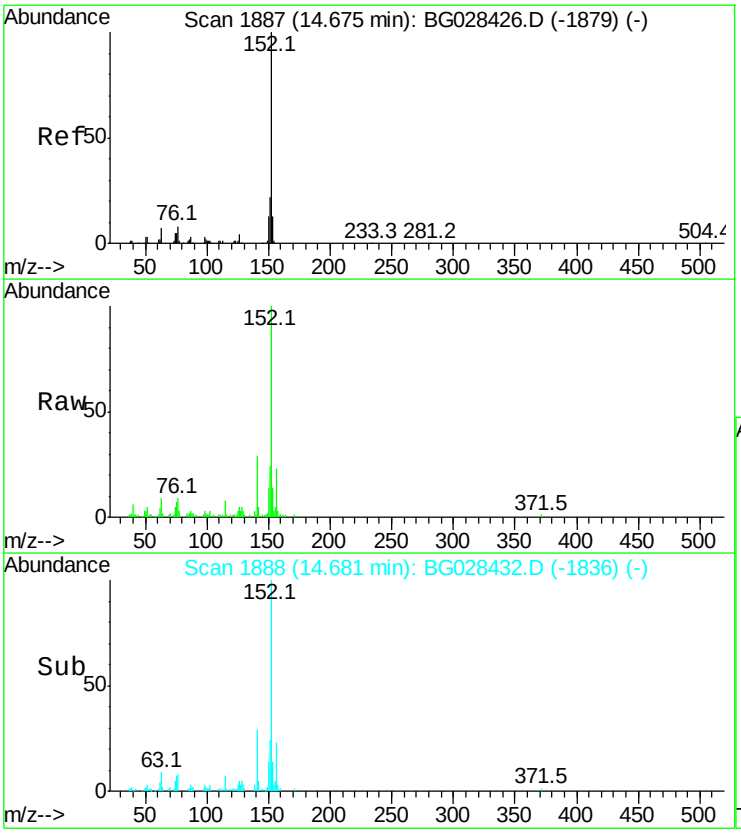
#44
Dimethylphthalate
Concen: 1.030 ng/ul
RT: 14.39 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BG028432.D
Acq: 23 Aug 2017 00:37

Instrument :
BNA_G
ClientSampleId :
B0AB4

Tgt Ion:163 Resp: 12598

Ion	Ratio	Lower	Upper
163	100		
194	5.3	3.4	5.0#
164	6.5	9.0	13.4#

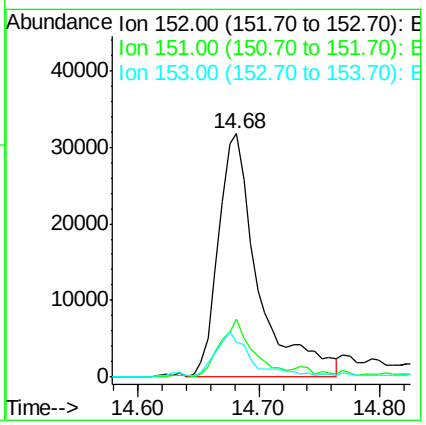


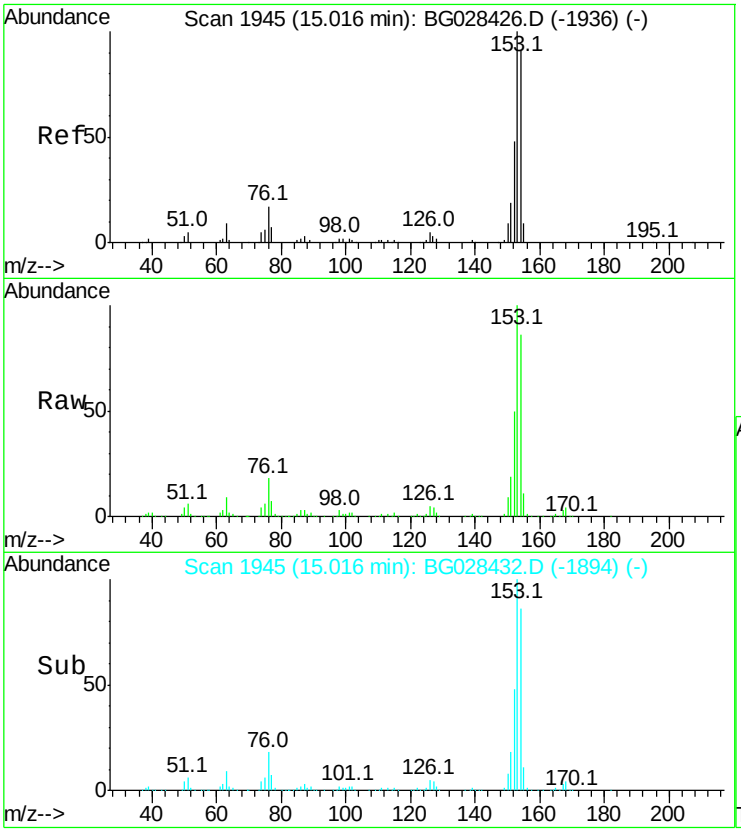


#47
Acenaphthylene
Concen: 5.071 ng/ul
RT: 14.68 min Scan# 1888
Delta R.T. 0.01 min
Lab File: BG028432.D
Acq: 23 Aug 2017 00:37

Tgt Ion:152 Resp: 72576

Ion	Ratio	Lower	Upper
152	100		
151	24.1	16.7	25.1
153	14.5	11.4	17.2



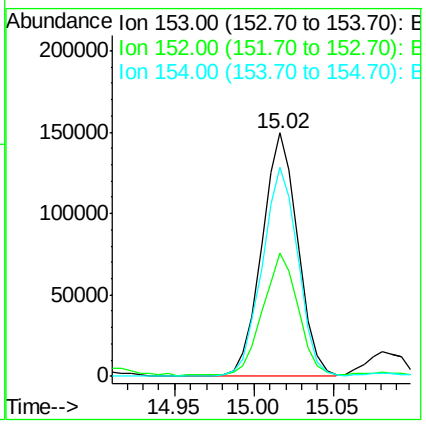


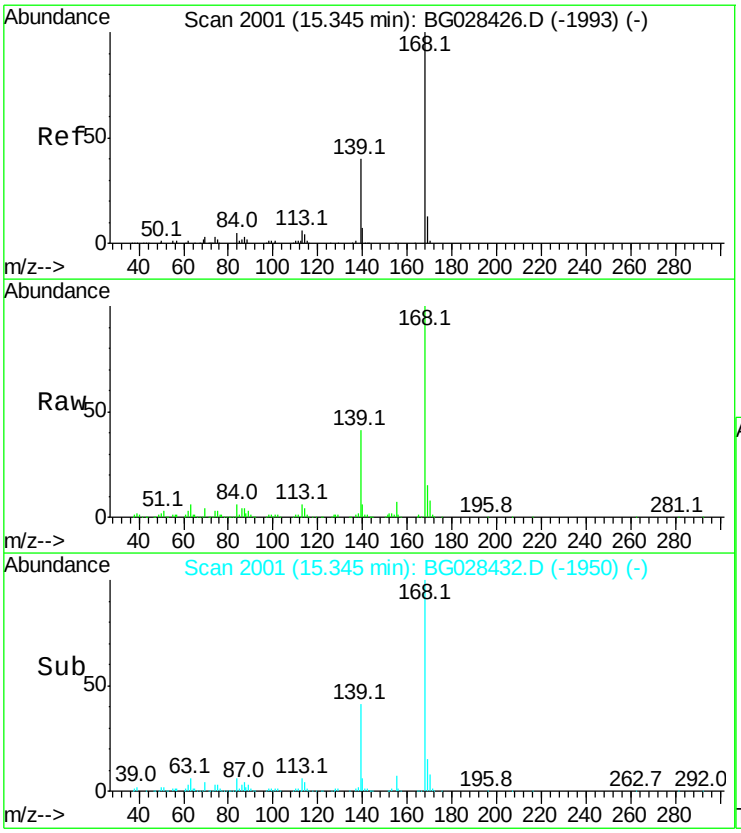
#49
Acenaphthene
Concen: 24.418 ng/ul
RT: 15.02 min Scan# 1945
Delta R.T. 0.00 min
Lab File: BG028432.D
Acq: 23 Aug 2017 00:37

Instrument :
BNA_G
ClientSampleId :
B0AB4

Tgt Ion:153 Resp: 235777

Ion	Ratio	Lower	Upper
153	100		
152	50.5	36.5	54.7
154	86.0	72.3	108.5

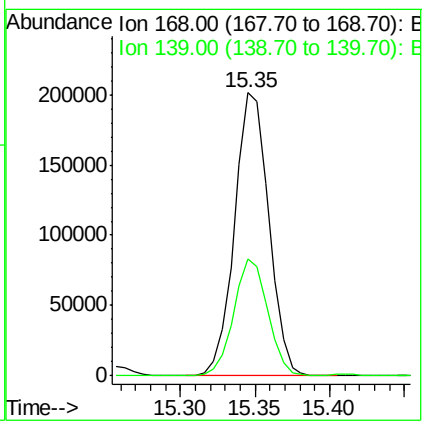


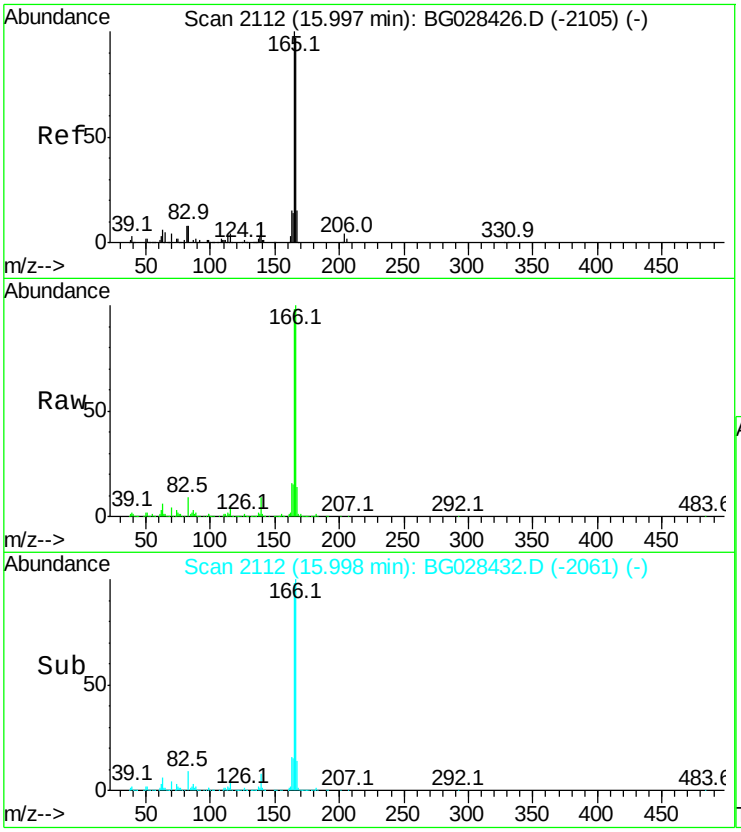


#53
Dibenzofuran
Concen: 22.675 ng/ul
RT: 15.35 min Scan# 2001
Delta R.T. 0.00 min
Lab File: BG028432.D
Acq: 23 Aug 2017 00:37

Tgt Ion:168 Resp: 319227

Ion	Ratio	Lower	Upper
168	100		
139	41.3	33.8	50.8



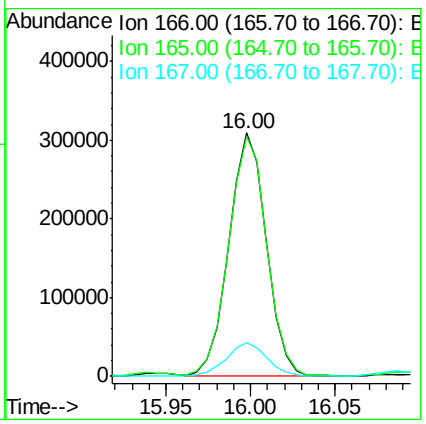


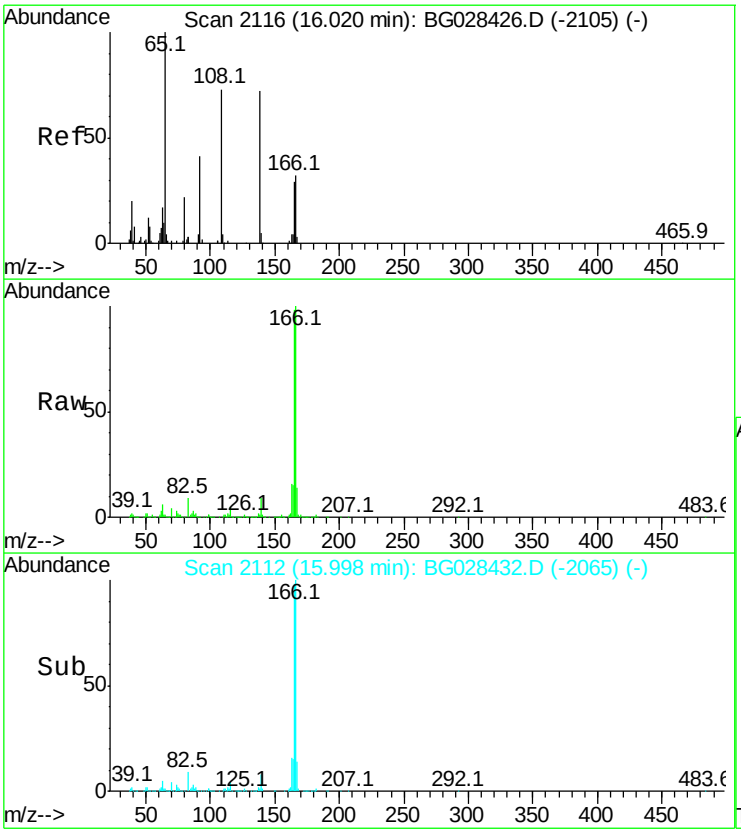
#58
Fluorene
Concen: 38.100 ng/ul
RT: 16.00 min Scan# 2112
Delta R.T. 0.00 min
Lab File: BG028432.D
Acq: 23 Aug 2017 00:37

Instrument :
BNA_G
ClientSampleId :
B0AB4

Tgt Ion:166 Resp: 474881

Ion	Ratio	Lower	Upper
166	100		
165	98.4	79.7	119.5
167	14.0	11.4	17.2

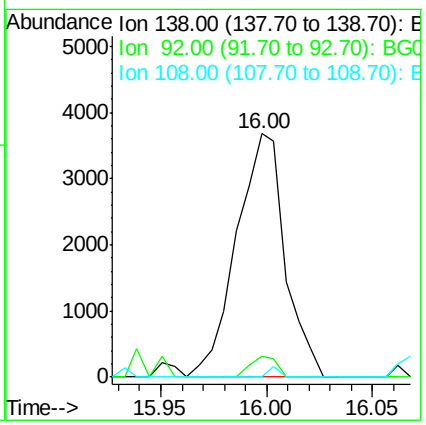


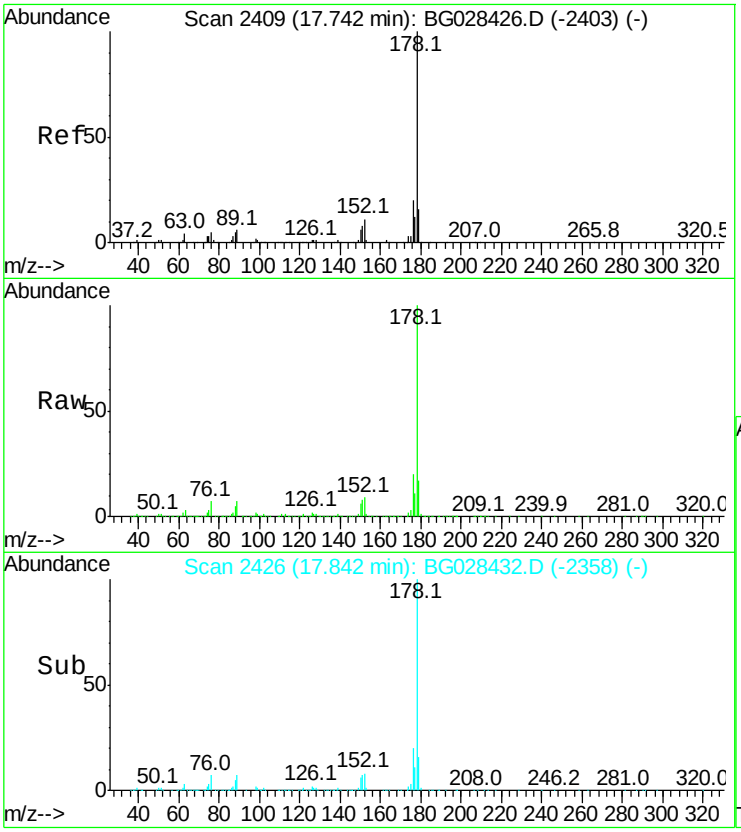


#60
4-Nitroaniline
Concen: 2.172 ng/ul
RT: 16.00 min Scan# 2112
Delta R.T. -0.02 min
Lab File: BG028432.D
Acq: 23 Aug 2017 00:37

Tgt Ion:138 Resp: 5859

Ion	Ratio	Lower	Upper
138	100		
92	8.6	56.9	85.3#
108	0.0	104.9	157.3#



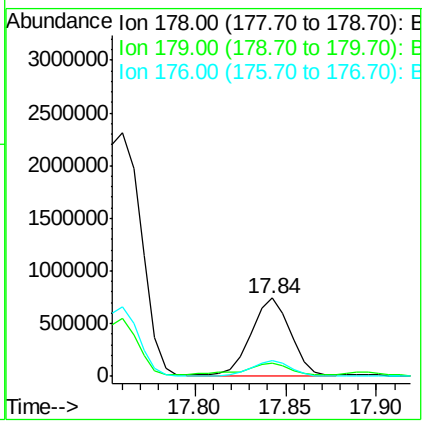


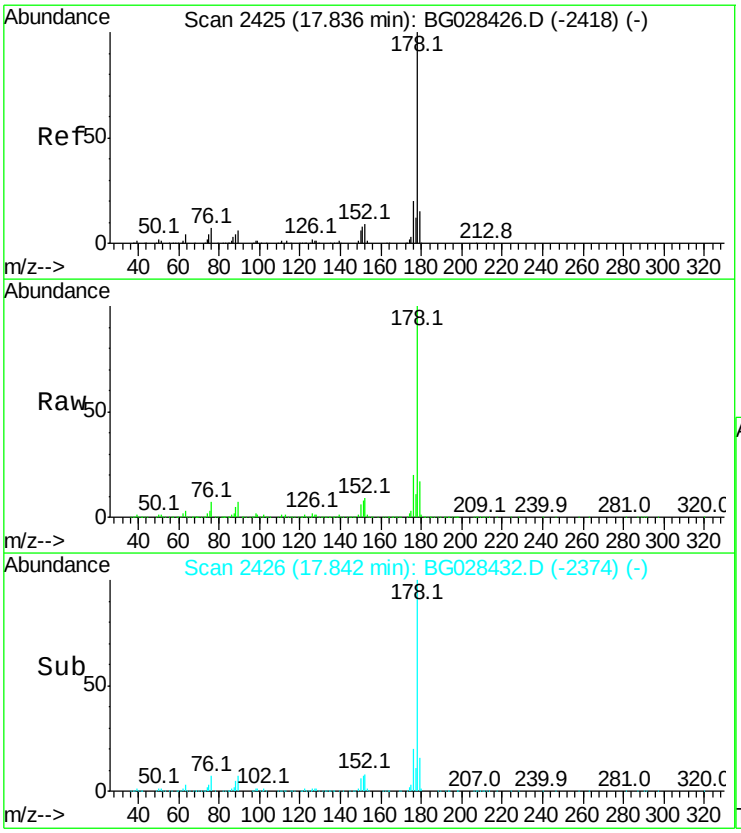
#69
Phenanthrene
Concen: 67.140 ng/ul
RT: 17.84 min Scan# 2426
Delta R.T. 0.10 min
Lab File: BG028432.D
Acq: 23 Aug 2017 00:37

Instrument :
BNA_G
ClientSampleId :
B0AB4

Tgt Ion:178 Resp: 1124784

Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.4	18.6
176	20.0	16.5	24.7

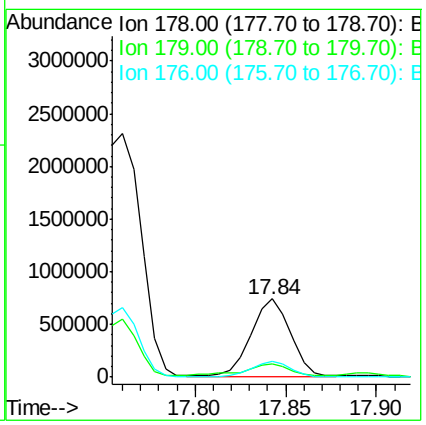


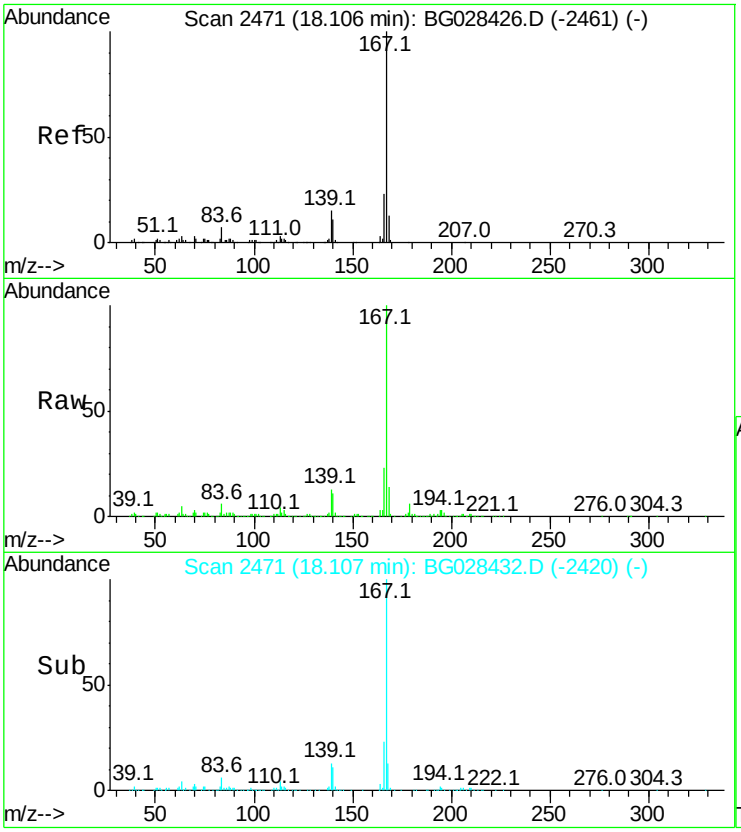


#71
Anthracene
Concen: 65.692 ng/ul
RT: 17.84 min Scan# 2426
Delta R.T. 0.01 min
Lab File: BG028432.D
Acq: 23 Aug 2017 00:37

Tgt Ion:178 Resp: 1124784

Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.6	19.0
176	20.0	15.9	23.9



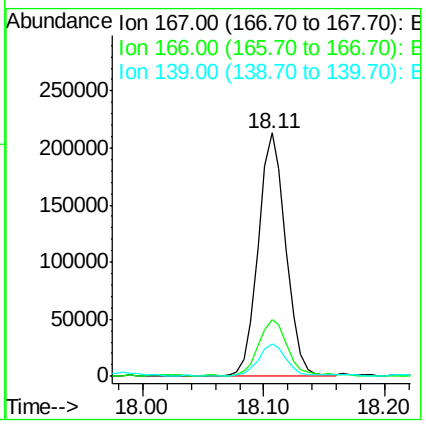


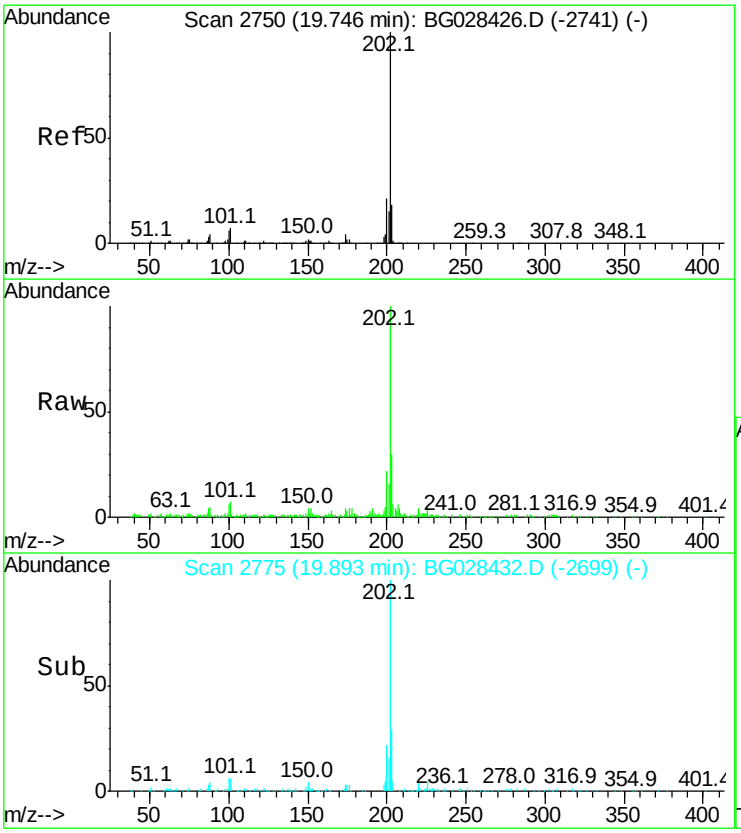
#72
Carbazole
Concen: 22.399 ng/ul
RT: 18.11 min Scan# 2471
Delta R.T. 0.00 min
Lab File: BG028432.D
Acq: 23 Aug 2017 00:37

Instrument :
BNA_G
ClientSampleId :
B0AB4

Tgt Ion:167 Resp: 333543

Ion	Ratio	Lower	Upper
167	100		
166	23.3	17.9	26.9
139	13.3	10.5	15.7

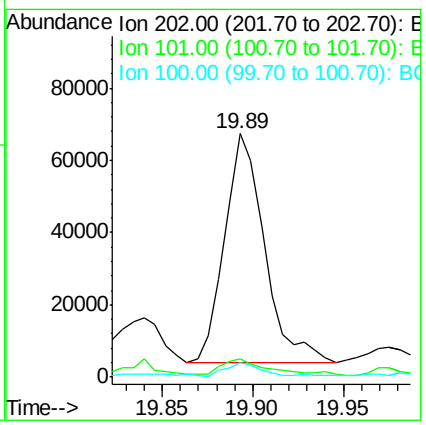


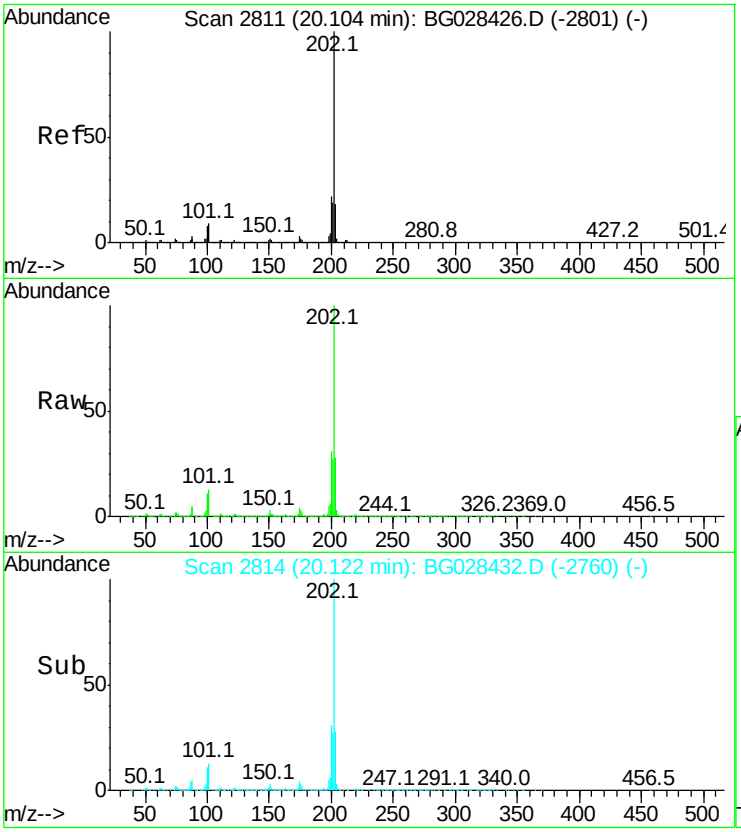


#74
Fluoranthene
Concen: 4.792 ng/ul
RT: 19.89 min Scan# 2775
Delta R.T. 0.15 min
Lab File: BG028432.D
Acq: 23 Aug 2017 00:37

Tgt Ion:202 Resp: 97573

Ion	Ratio	Lower	Upper
202	100		
101	7.3	6.2	9.2
100	5.8	5.2	7.8



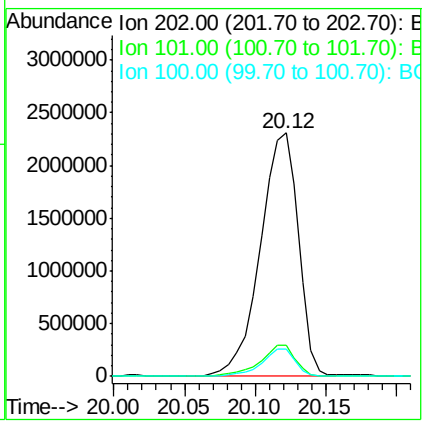


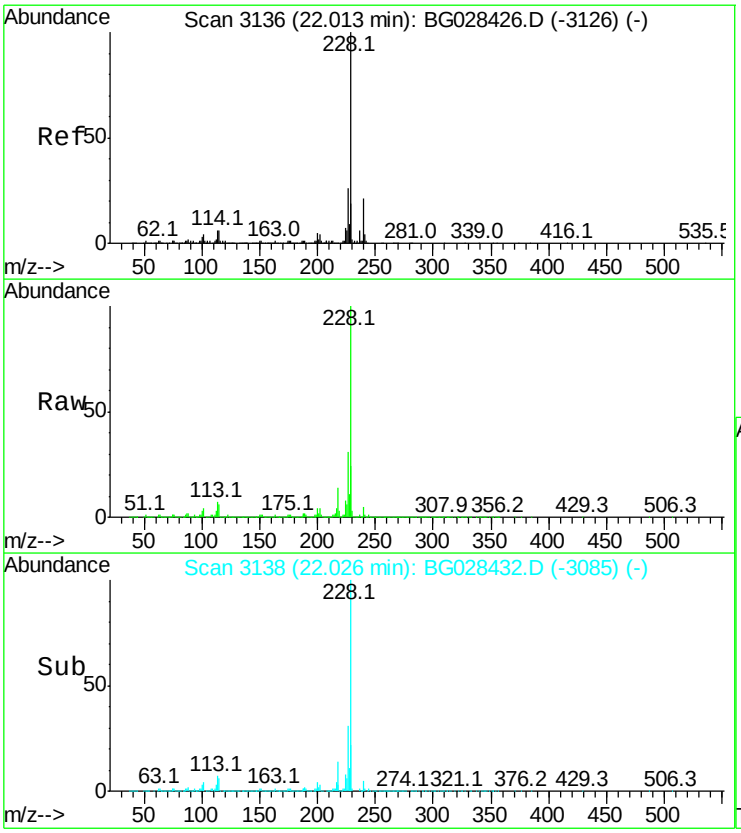
#77
Pyrene
Concen: 176.127 ng/ul
RT: 20.12 min Scan# 2814
Delta R.T. 0.02 min
Lab File: BG028432.D
Acq: 23 Aug 2017 00:37

Instrument :
BNA_G
ClientSampleId :
B0AB4

Tgt Ion:202 Resp: 4351477

Ion	Ratio	Lower	Upper
202	100		
101	12.8	6.9	10.3#
100	11.0	6.6	10.0#

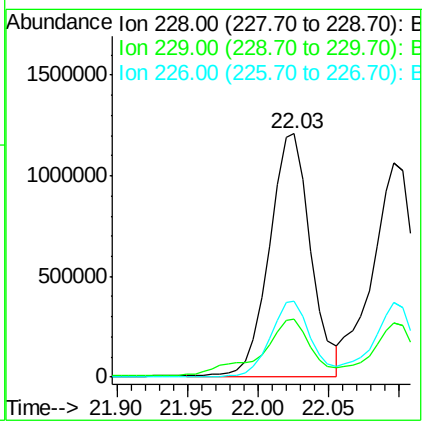


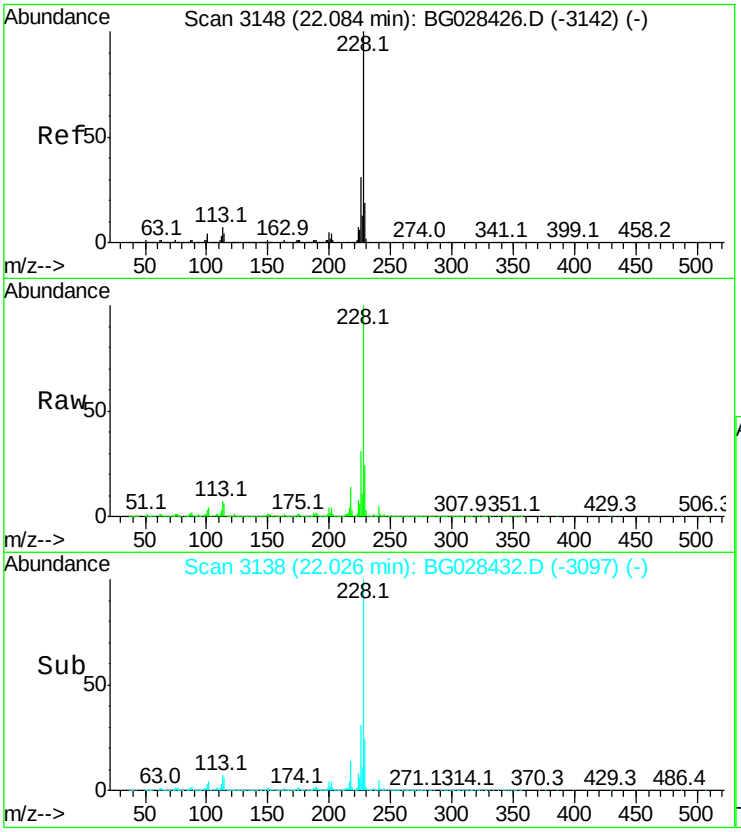


#80
Benzo(a)anthracene
Concen: 103.094 ng/ul
RT: 22.03 min Scan# 3138
Delta R.T. 0.01 min
Lab File: BG028432.D
Acq: 23 Aug 2017 00:37

Tgt Ion:228 Resp: 2466771

Ion	Ratio	Lower	Upper
228	100		
229	23.9	16.3	24.5
226	31.0	21.9	32.9



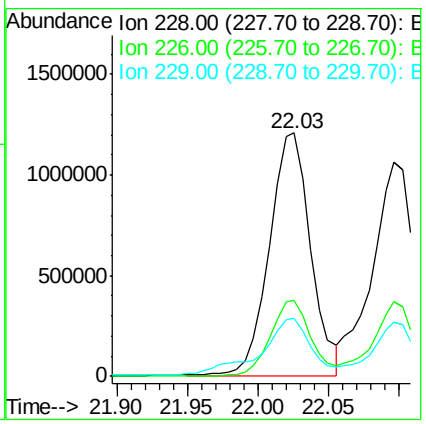


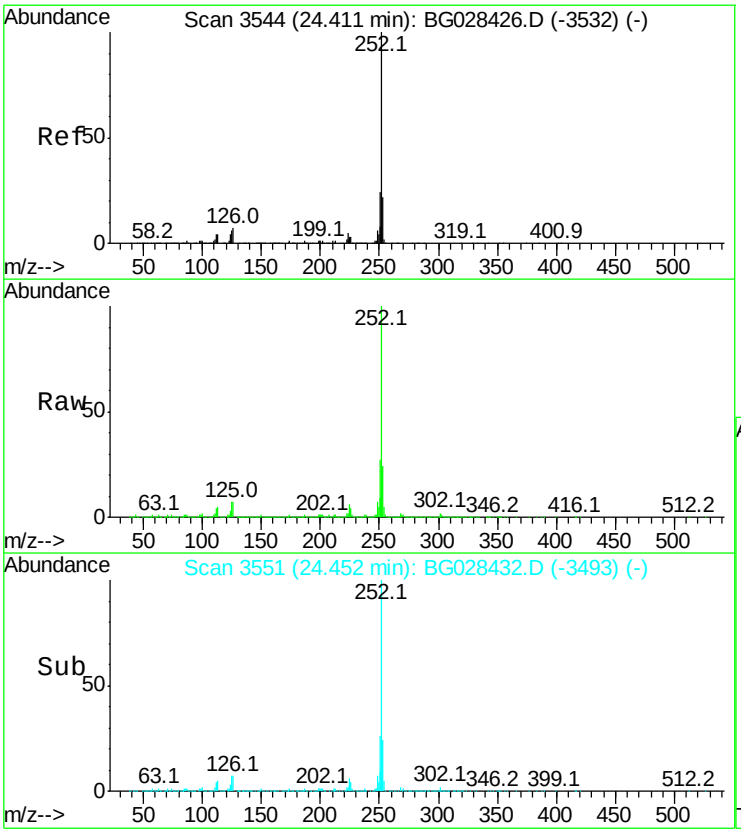
#82
Chrysene
Concen: 114.472 ng/ul
RT: 22.03 min Scan# 3138
Delta R.T. -0.06 min
Lab File: BG028432.D
Acq: 23 Aug 2017 00:37

Instrument :
BNA_G
ClientSampleId :
B0AB4

Tgt Ion:228 Resp: 2466771

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.0	36.0
229	23.9	16.9	25.3

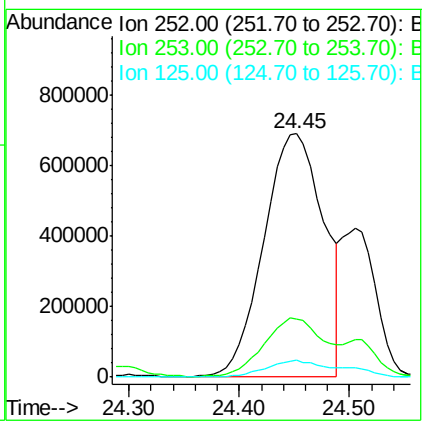


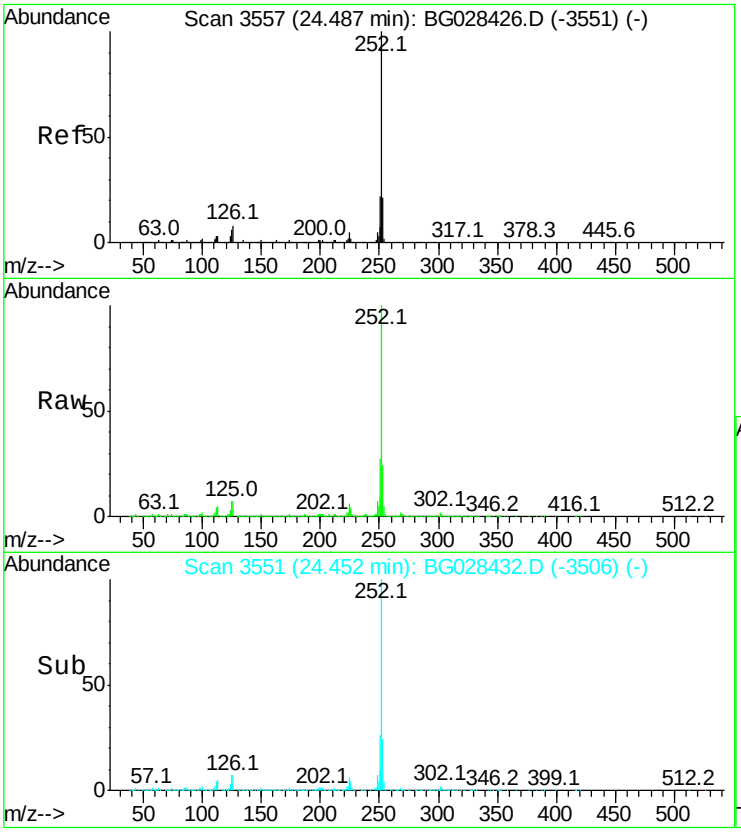


#85
Benzo(b)fluoranthene
Concen: 110.591 ng/ul
RT: 24.45 min Scan# 3551
Delta R.T. 0.04 min
Lab File: BG028432.D
Acq: 23 Aug 2017 00:37

Tgt Ion:252 Resp: 2583471

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.7	26.5
125	6.7	4.0	6.0#



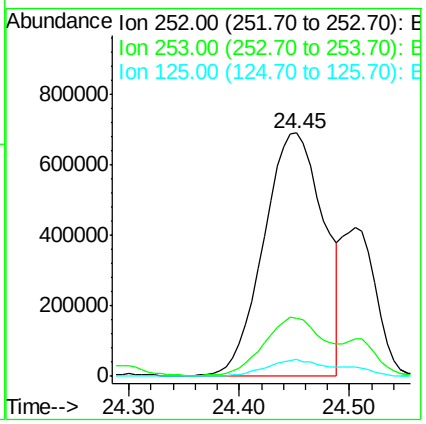


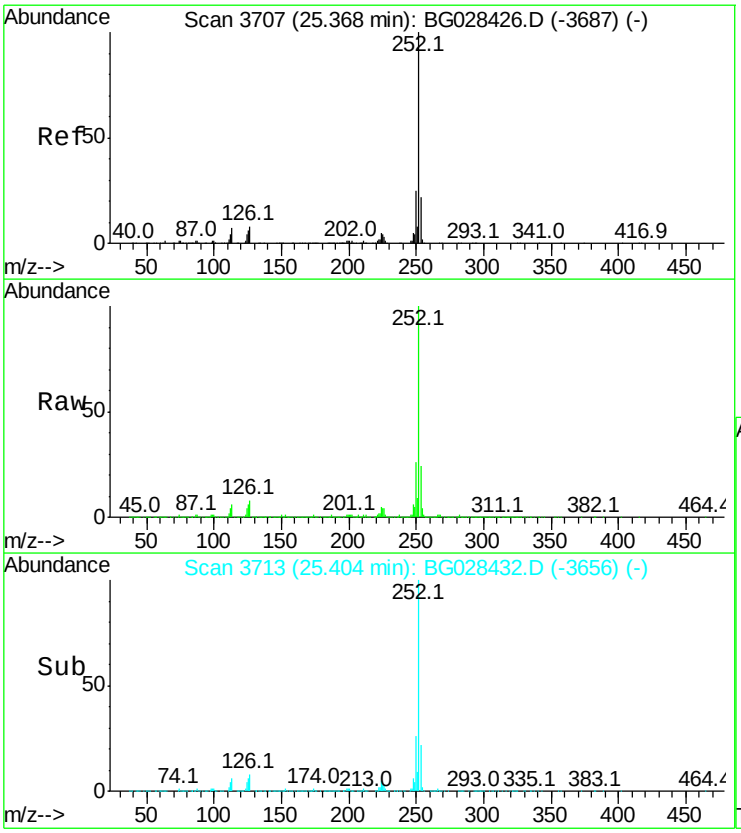
#86
Benzo(k)fluoranthene
Concen: 113.218 ng/ul
RT: 24.45 min Scan# 3551
Delta R.T. -0.03 min
Lab File: BG028432.D
Acq: 23 Aug 2017 00:37

Instrument :
BNA_G
ClientSampleId :
B0AB4

Tgt Ion:252 Resp: 2583471

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.5	27.7
125	6.7	4.1	6.1#

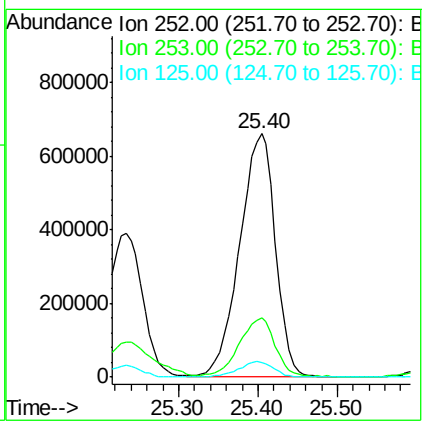


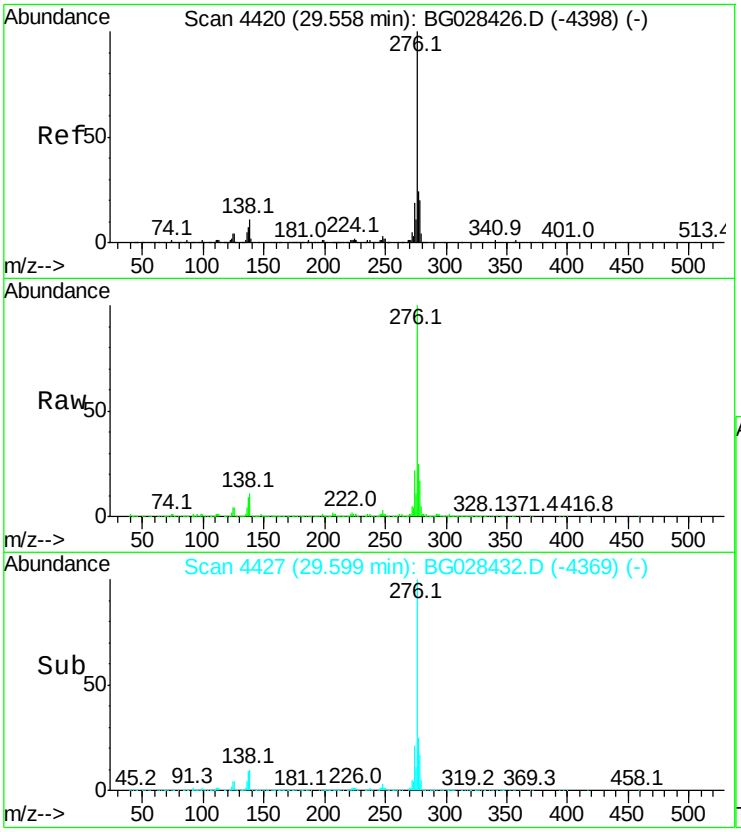


#88
Benzo(a)pyrene
Concen: 90.739 ng/ul
RT: 25.40 min Scan# 3713
Delta R.T. 0.04 min
Lab File: BG028432.D
Acq: 23 Aug 2017 00:37

Tgt Ion:252 Resp: 2052359

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.8	26.6
125	6.1	5.4	8.0



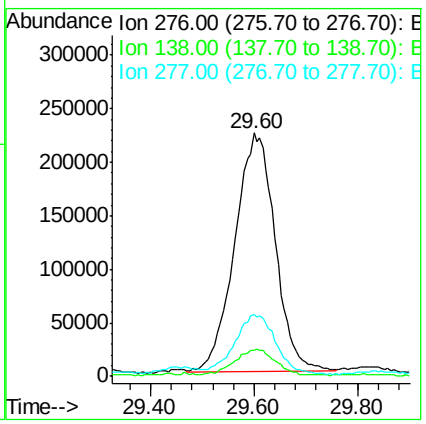


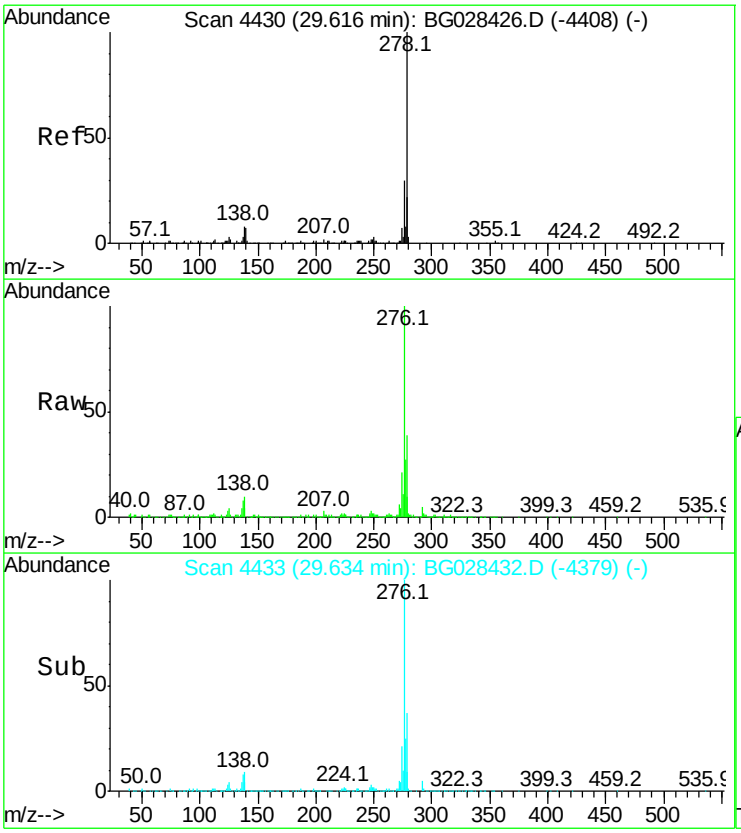
#89
Indeno(1,2,3-cd)pyrene
Concen: 45.532 ng/ul
RT: 29.60 min Scan# 4427
Delta R.T. 0.04 min
Lab File: BG028432.D
Acq: 23 Aug 2017 00:37

Instrument :
BNA_G
ClientSampleId :
B0AB4

Tgt Ion:276 Resp: 1206007

Ion	Ratio	Lower	Upper
276	100		
138	10.6	8.2	12.4
277	25.2	18.6	28.0

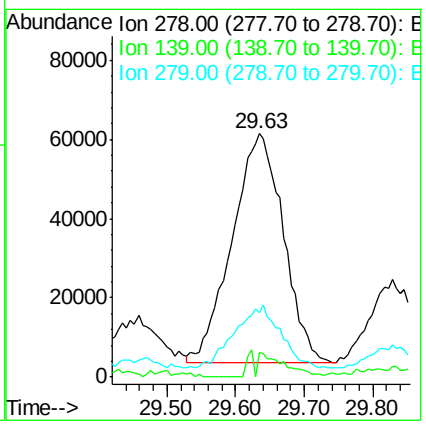


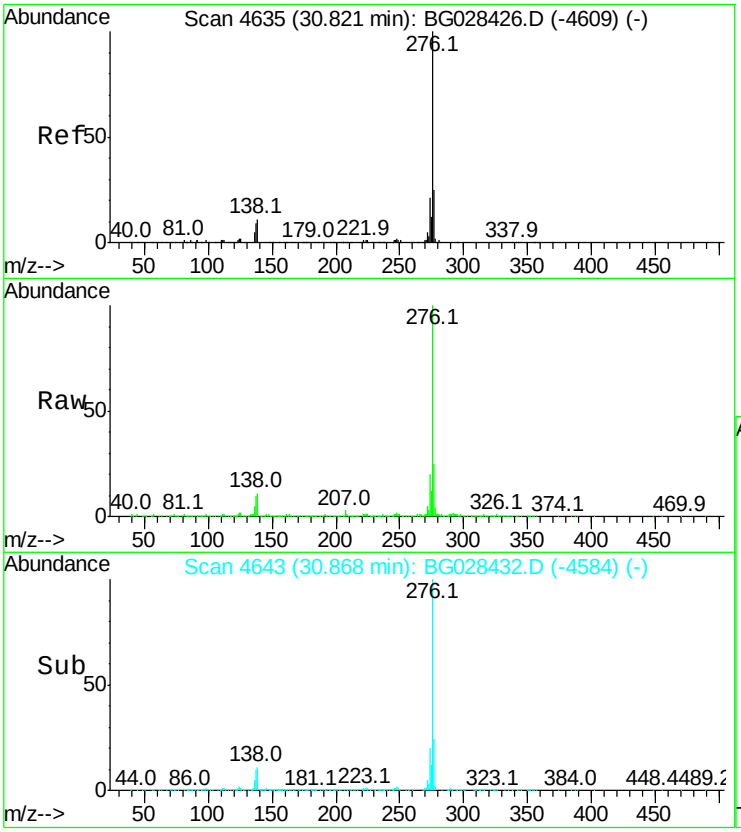


#90
Dibenzo(a,h)anthracene
Concen: 13.480 ng/ul
RT: 29.63 min Scan# 4433
Delta R.T. 0.02 min
Lab File: BG028432.D
Acq: 23 Aug 2017 00:37

Tgt Ion:278 Resp: 299256

Ion	Ratio	Lower	Upper
278	100		
139	10.3	6.7	10.1#
279	26.4	20.9	31.3





#91
Benzo(g,h,i)perylene
Concen: 47.484 ng/ul
RT: 30.87 min Scan# 4643
Delta R.T. 0.05 min
Lab File: BG028432.D
Acq: 23 Aug 2017 00:37

Instrument :
BNA_G
ClientSampleId :
B0AB4

Tgt Ion:276 Resp: 1034690

Ion	Ratio	Lower	Upper
276	100		
138	11.4	8.6	12.8
277	24.5	17.6	26.4