Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG082217\
Data File : BG028431.D
Acq On : 22 Aug 2017 23:57
Operator : SJ/JU
Sample : I4827-06 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AB5

Quant Time: Aug 23 07:09:14 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	8.34	152	41173	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	198162	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	143652	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.80	188	77857	20.00	ng/ul	0.10
75) Chrysene-d12	22.04	240	356419	20.00	ng/ul	0.00
83) Perylene-d12	25.55	264	350759	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.82	96	636	0.72	ng/uL	0.00
5) Phenol-d5	7.50	99	17955	3.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.66	67	10661	3.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.88	132	12884	4.52	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	16368	4.33	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	7270	4.69	ng/ul	0.00
22) 2-Nitrophenol-d4	10.24	143	9502	5.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	17156	4.88	ng/ul	0.00
29) 4-Chloroaniline-d4	11.29	131	16248	4.15	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	57614	4.51	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	65024	4.51	ng/ul	0.00
51) 4-Nitrophenol-d4	15.16	143	4424	2.18	ng/ul	0.01
57) Fluorene-d10	15.94	176	50962	4.45	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.16	200	63	0.12	ng/ul	0.10
70) Anthracene-d10	17.80	188	77857	20.85	ng/ul	0.00
76) Pyrene-d10	20.08	212	90845	4.97	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.31	264	81234	4.95	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	11.22	128	116847	11.906	ng/ul	99
34) 2-Methylnaphthalene	12.80	142	53054	6.730	ng/ul	85
40) 1,1'-Biphenyl	13.78	154	19515	1.860	ng/ul#	86
44) Dimethylphthalate	14.38	163	16601	1.411	ng/ul	99
47) Acenaphthylene	14.68	152	29433	2.138	ng/ul	95
49) Acenaphthene	15.01	153	109443	11.782	ng/ul	93
53) Dibenzofuran	15.35	168	161096	11.895	ng/ul	99
58) Fluorene	15.99	166	195561	16.310	ng/ul	98
64) N-Nitrosodiphenylamine	16.29	169	2945	1.438	ng/ul#	46
69) Phenanthrene	17.84	178	392831	100.258	ng/ul	98
71) Anthracene	17.84	178	392831	98.096	ng/ul	99
72) Carbazole	18.10	167	177981	51.104	ng/ul	98
74) Fluoranthene	19.75	202	2218000	465.791	ng/ul	98
77) Pyrene	20.11	202	1940325	91.248	ng/ul	99
80) Benzo(a)anthracene	22.02	228	983098	47.738	ng/ul	97
82) Chrysene	22.09	228	941425	50.759	ng/ul	96
85) Benzo(b)fluoranthene	24.49	252	353250	16.830	ng/ul	95
86) Benzo(k)fluoranthene	24.49	252	353152	17.225	ng/ul	97
88) Benzo(a)pyrene	25.22	252	527090	25.936	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	29.57	276	530844	22.305	ng/ul	99
90) Dibenzo(a,h)anthracene	29.61	278	134352	6.735	ng/ul	97
91) Benzo(g,h,i)perylene	30.84	276	442255	22.588	ng/ul	94

Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG082217\
Data File : BG028431.D
Acq On : 22 Aug 2017 23:57
Operator : SJ/JU
Sample : I4827-06 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AB5

Quant Time: Aug 23 07:09:14 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)

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

Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG082217\
Data File : BG028431.D
Acq On : 22 Aug 2017 23:57
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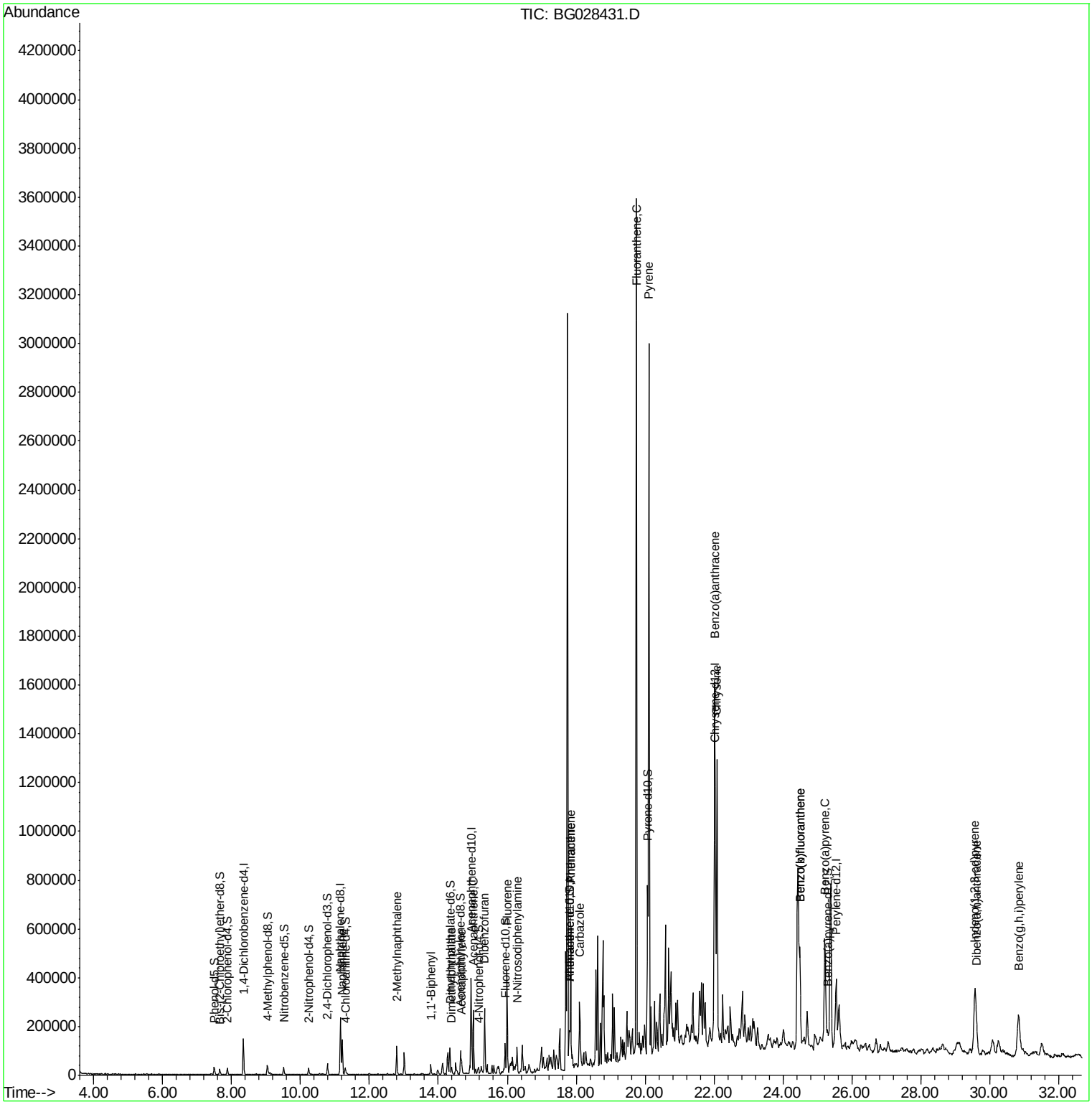
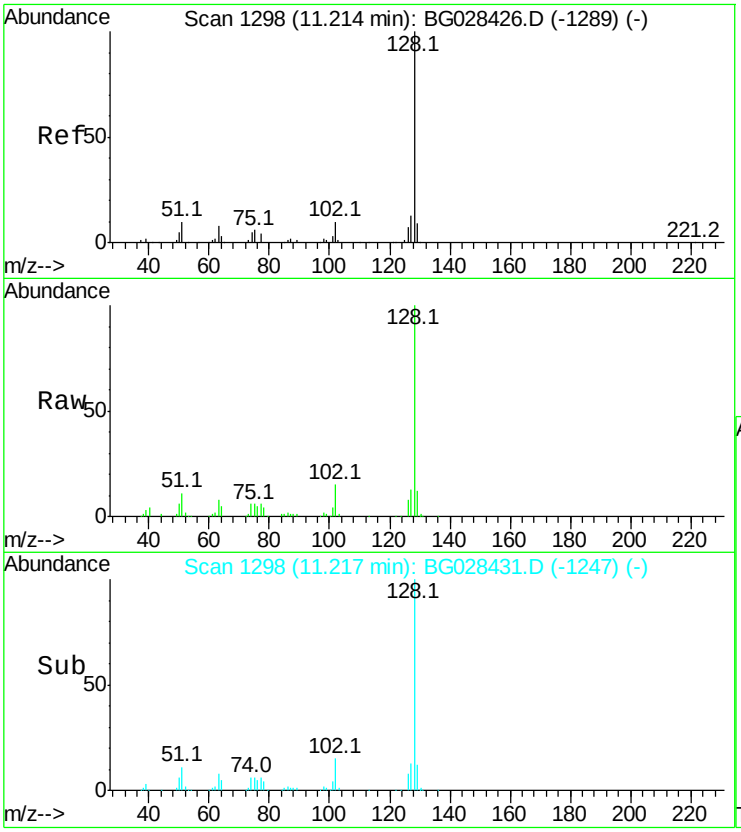


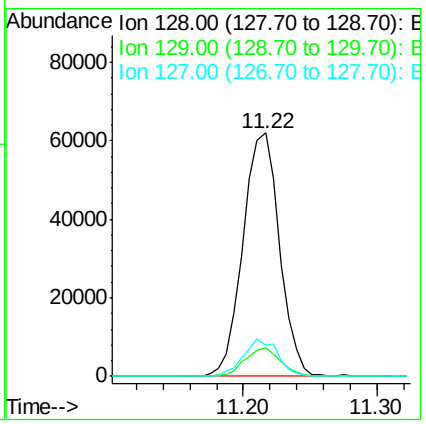


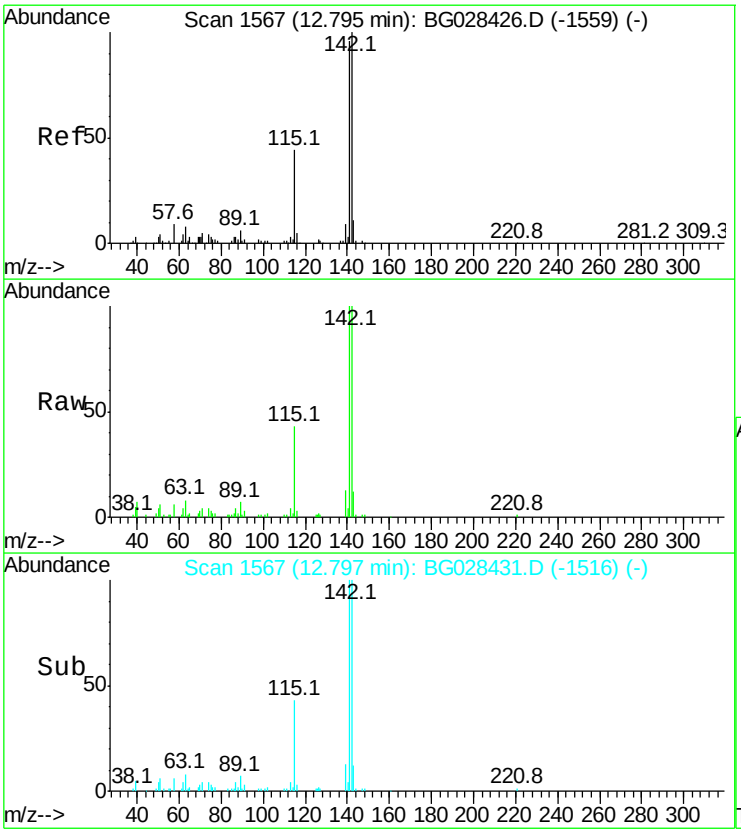
#28
Naphthalene
Concen: 11.906 ng/ul
RT: 11.22 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BG028431.D
Acq: 22 Aug 2017 23:57

Instrument :
BNA_G
ClientSampleId :
B0AB5

Tgt Ion:128 Resp: 116847

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.4	14.2
127	12.6	10.3	15.5

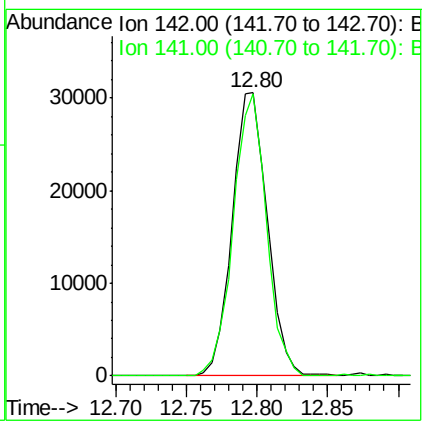


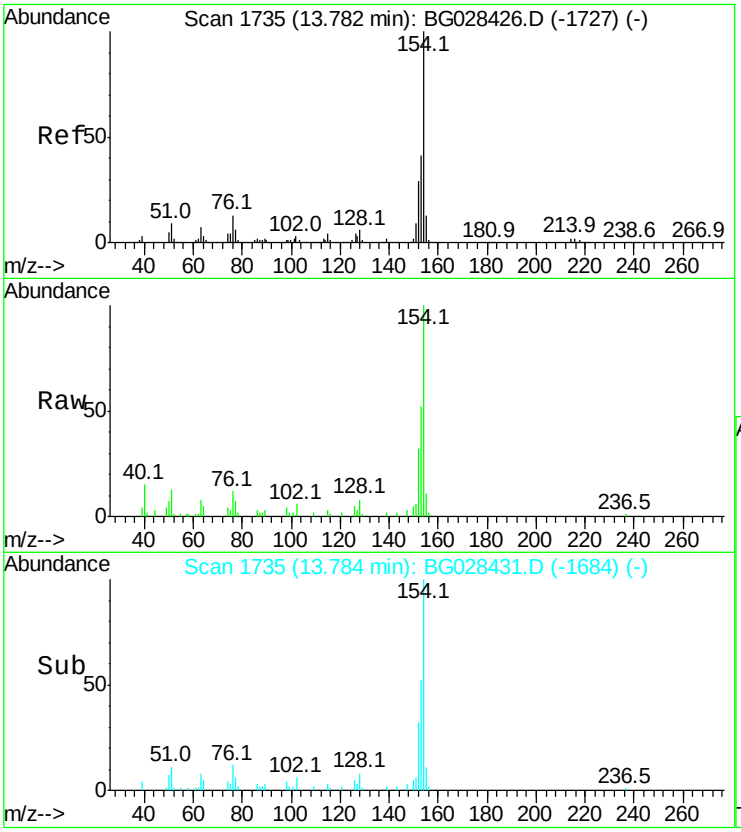


#34
2-Methylnaphthalene
Concen: 6.730 ng/ul
RT: 12.80 min Scan# 1567
Delta R.T. 0.00 min
Lab File: BG028431.D
Acq: 22 Aug 2017 23:57

Tgt Ion:142 Resp: 53054

Ion	Ratio	Lower	Upper
142	100		
141	99.8	68.6	102.8



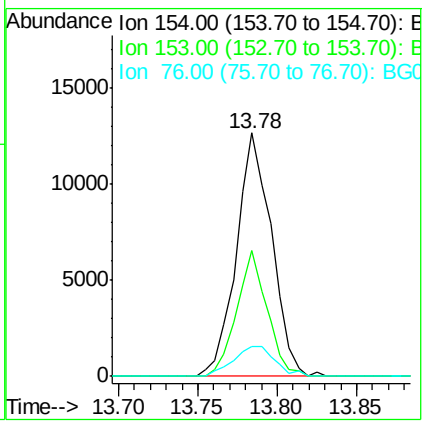


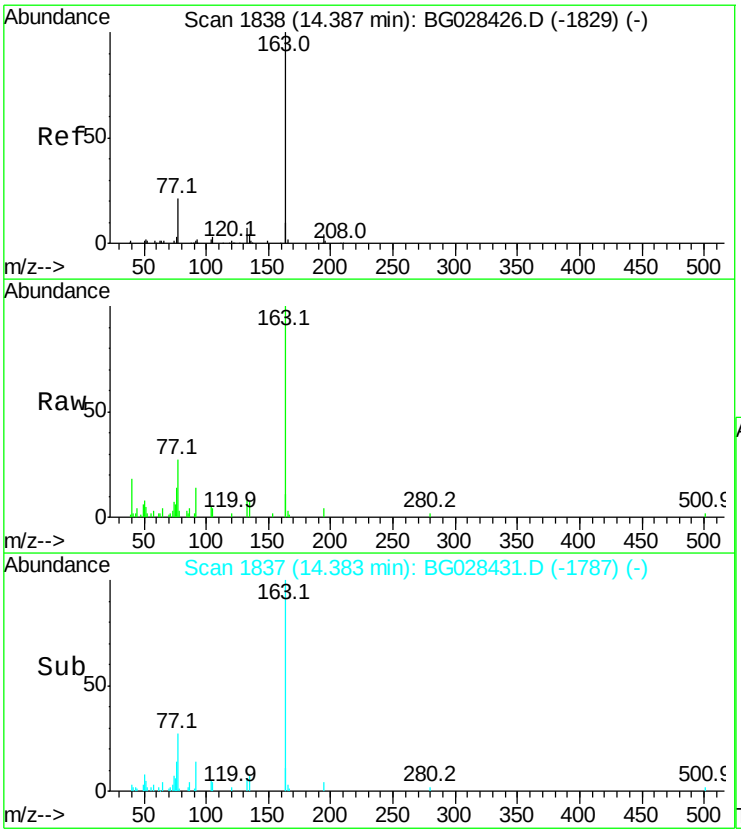
#40
1,1'-Biphenyl
Concen: 1.860 ng/ul
RT: 13.78 min Scan# 1735
Delta R.T. 0.00 min
Lab File: BG028431.D
Acq: 22 Aug 2017 23:57

Instrument :
BNA_G
ClientSampleId :
B0AB5

Tgt Ion:154 Resp: 19515

Ion	Ratio	Lower	Upper
154	100		
153	51.7	32.2	48.2#
76	12.0	9.6	14.4

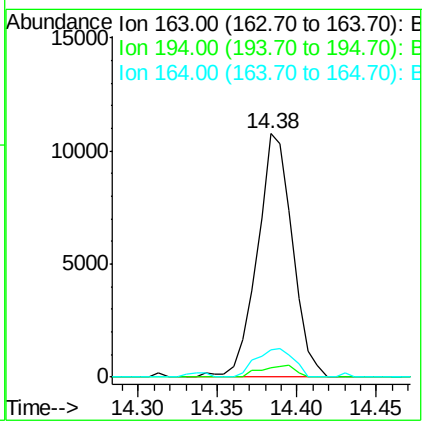


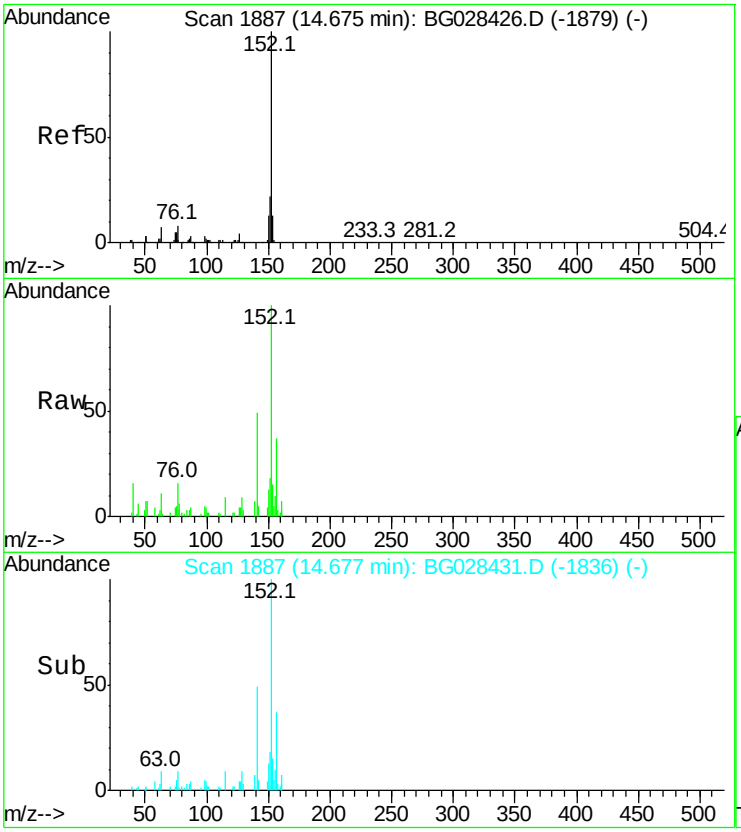


#44
Dimethylphthalate
Concen: 1.411 ng/ul
RT: 14.38 min Scan# 1837
Delta R.T. -0.00 min
Lab File: BG028431.D
Acq: 22 Aug 2017 23:57

Tgt Ion:163 Resp: 16601

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.4	5.0
164	11.5	9.0	13.4



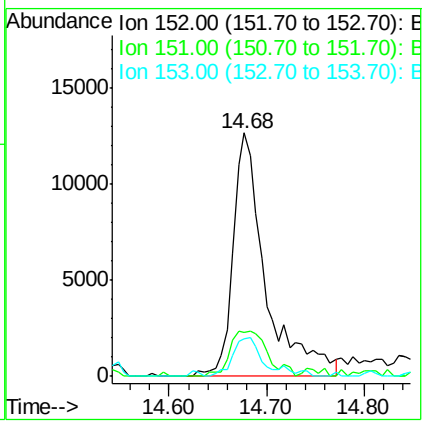


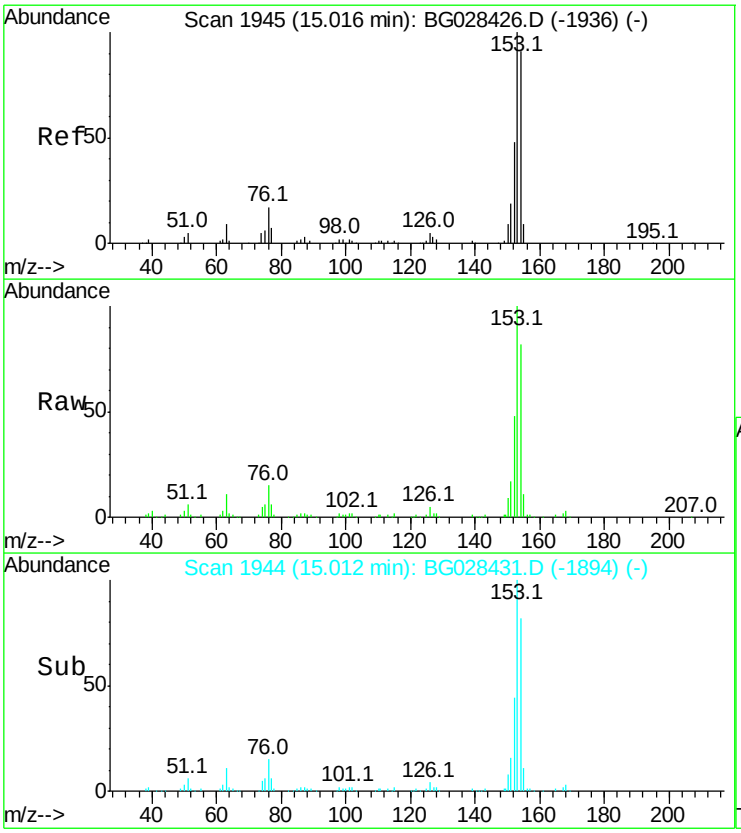
#47
Acenaphthylene
Concen: 2.138 ng/ul
RT: 14.68 min Scan# 1887
Delta R.T. 0.00 min
Lab File: BG028431.D
Acq: 22 Aug 2017 23:57

Instrument :
BNA_G
ClientSampleId :
B0AB5

Tgt Ion:152 Resp: 29433

Ion	Ratio	Lower	Upper
152	100		
151	18.0	16.7	25.1
153	15.3	11.4	17.2

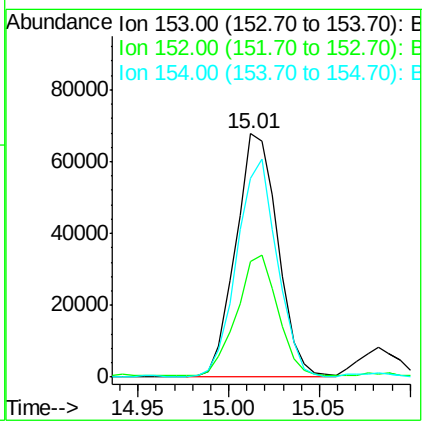


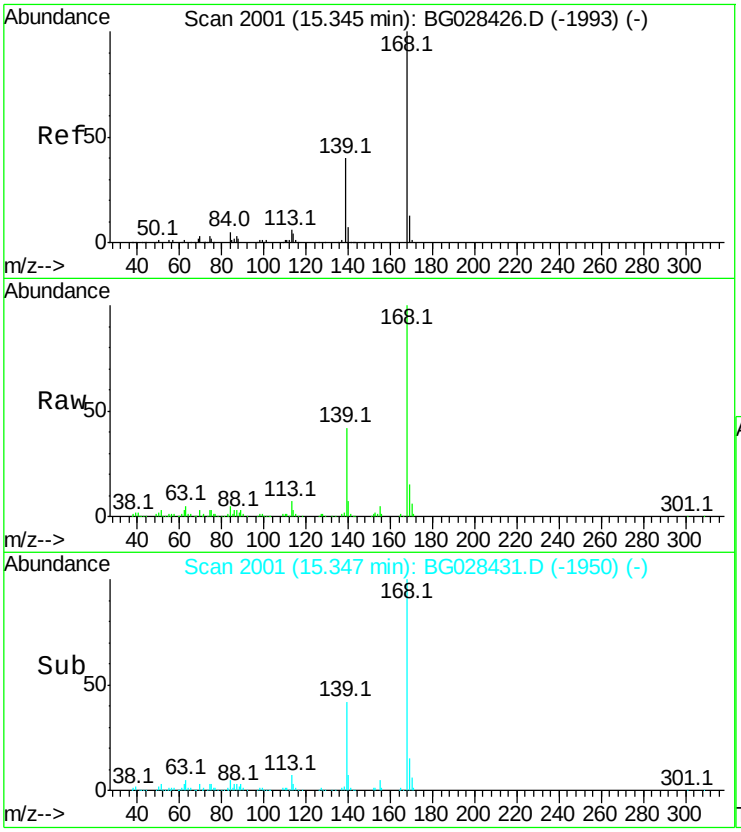


#49
Acenaphthene
Concen: 11.782 ng/ul
RT: 15.01 min Scan# 1944
Delta R.T. -0.00 min
Lab File: BG028431.D
Acq: 22 Aug 2017 23:57

Tgt Ion:153 Resp: 109443

Ion	Ratio	Lower	Upper
153	100		
152	47.7	36.5	54.7
154	81.5	72.3	108.5



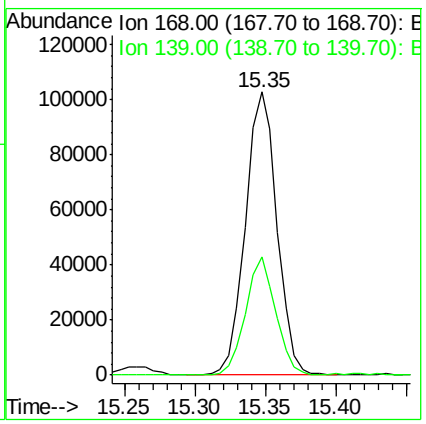


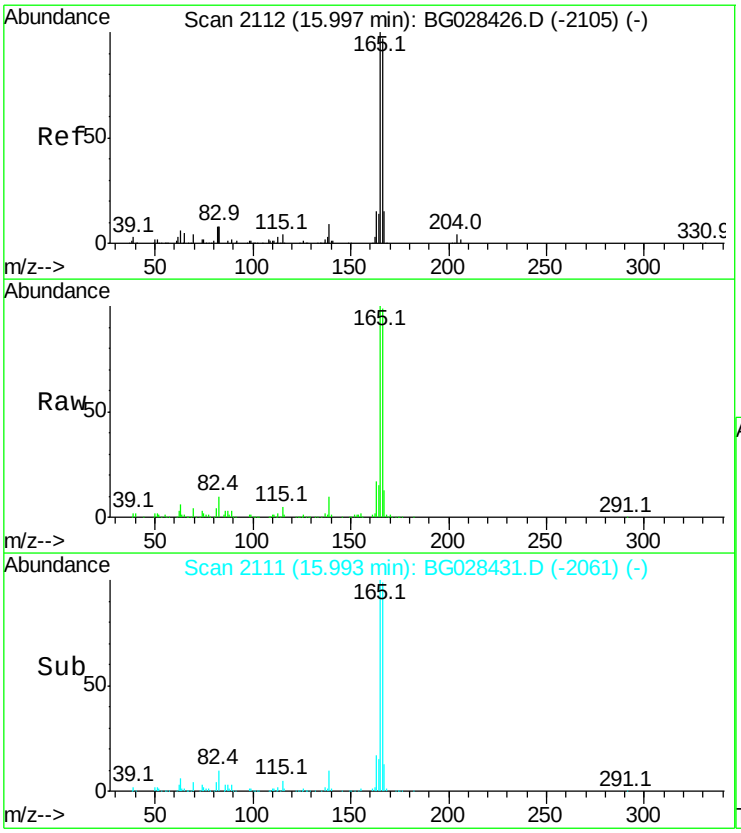
#53
Dibenzofuran
Concen: 11.895 ng/ul
RT: 15.35 min Scan# 2001
Delta R.T. 0.00 min
Lab File: BG028431.D
Acq: 22 Aug 2017 23:57

Instrument :
BNA_G
ClientSampleId :
B0AB5

Tgt Ion:168 Resp: 161096

Ion	Ratio	Lower	Upper
168	100		
139	41.6	33.8	50.8

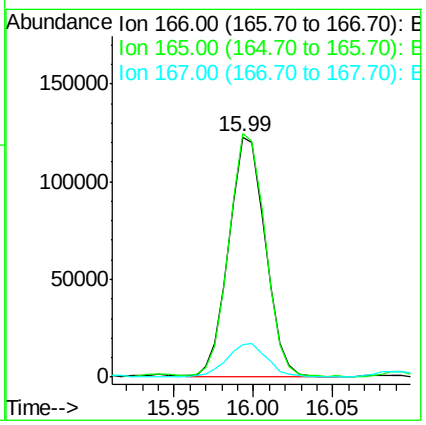


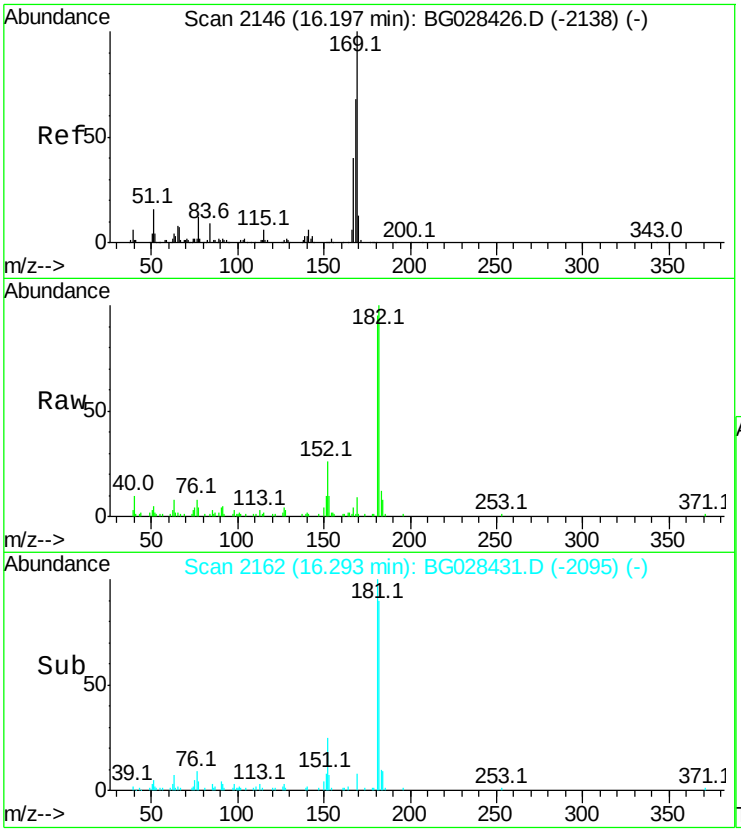


#58
Fluorene
Concen: 16.310 ng/ul
RT: 15.99 min Scan# 2111
Delta R.T. -0.00 min
Lab File: BG028431.D
Acq: 22 Aug 2017 23:57

Tgt Ion:166 Resp: 195561

Ion	Ratio	Lower	Upper
166	100		
165	101.3	79.7	119.5
167	13.6	11.4	17.2



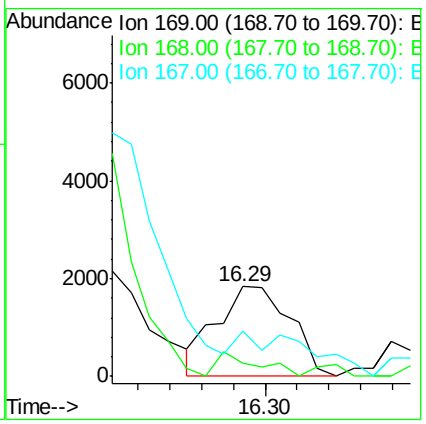


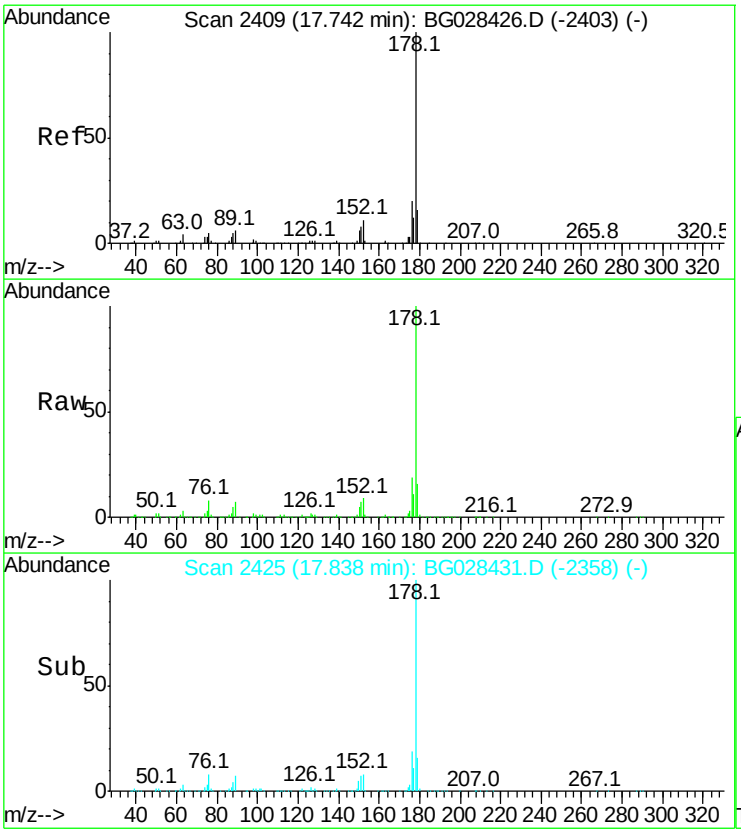
#64
N-Nitrosodiphenylamine
Concen: 1.438 ng/ul
RT: 16.29 min Scan# 2162
Delta R.T. 0.10 min
Lab File: BG028431.D
Acq: 22 Aug 2017 23:57

Instrument :
BNA_G
ClientSampleId :
B0AB5

Tgt Ion:169 Resp: 2945

Ion	Ratio	Lower	Upper
169	100		
168	14.7	59.1	88.7#
167	50.2	29.7	44.5#

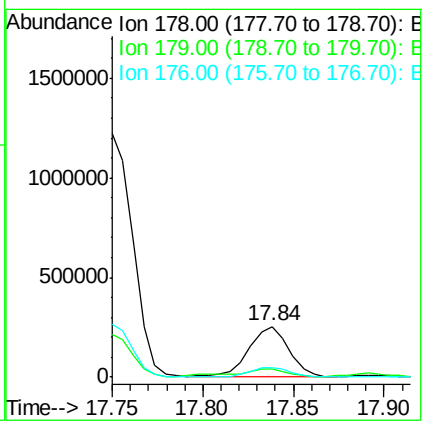


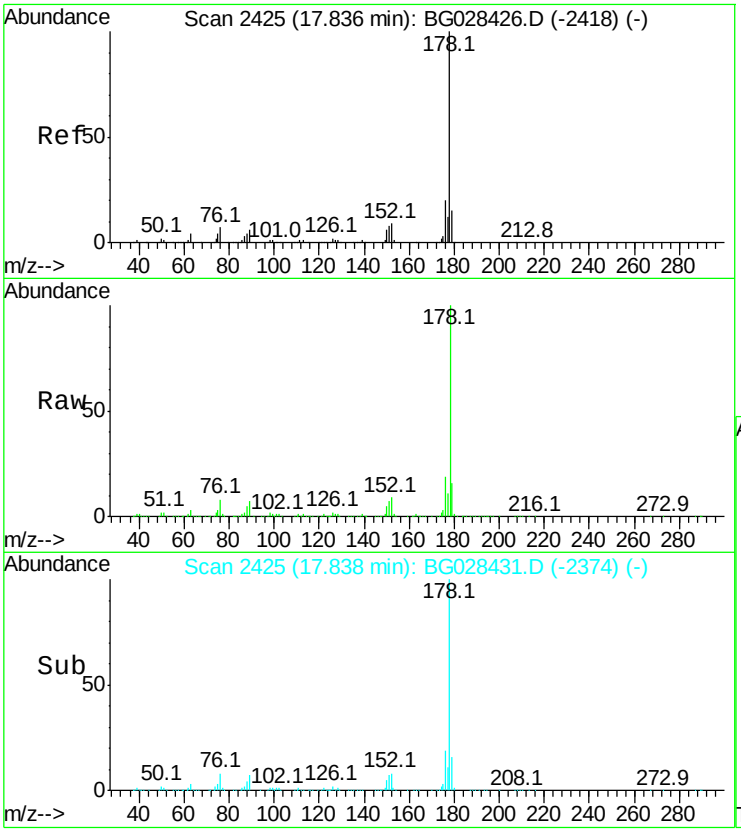


#69
Phenanthrene
Concen: 100.258 ng/ul
RT: 17.84 min Scan# 2425
Delta R.T. 0.10 min
Lab File: BG028431.D
Acq: 22 Aug 2017 23:57

Tgt Ion:178 Resp: 392831

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.4	18.6
176	19.1	16.5	24.7



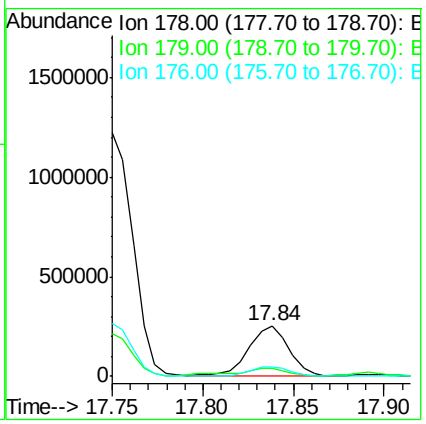


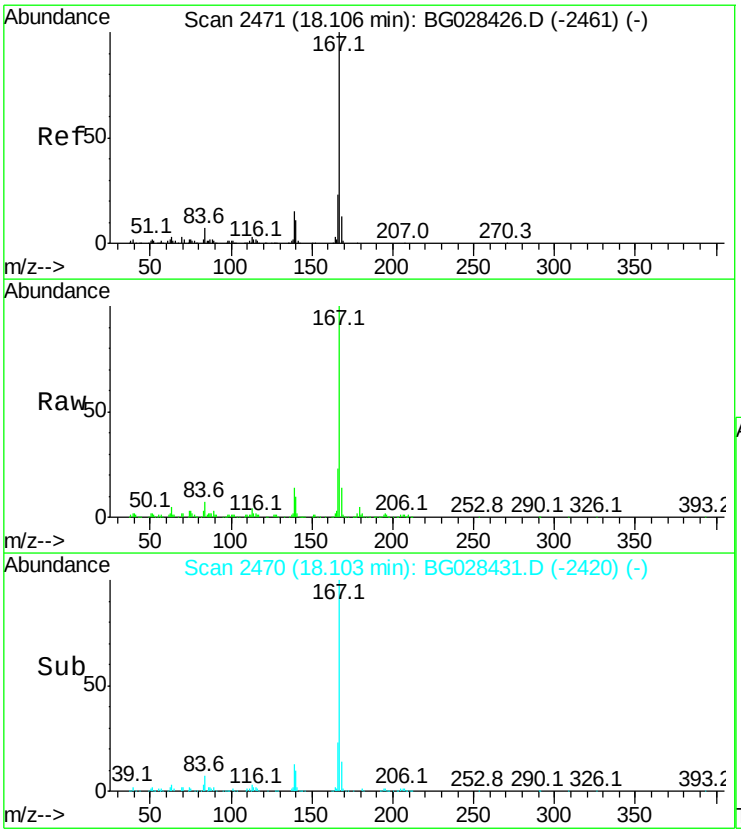
#71
Anthracene
Concen: 98.096 ng/ul
RT: 17.84 min Scan# 2425
Delta R.T. 0.00 min
Lab File: BG028431.D
Acq: 22 Aug 2017 23:57

Instrument :
BNA_G
ClientSampleId :
B0AB5

Tgt Ion:178 Resp: 392831

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.6	19.0
176	19.1	15.9	23.9

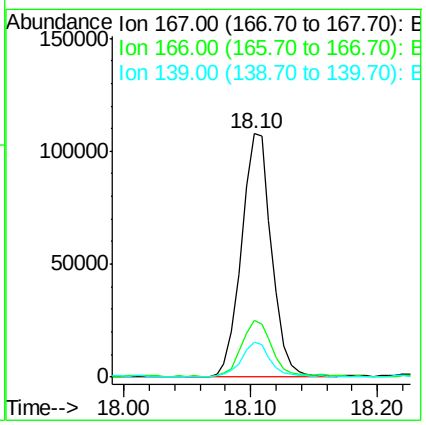


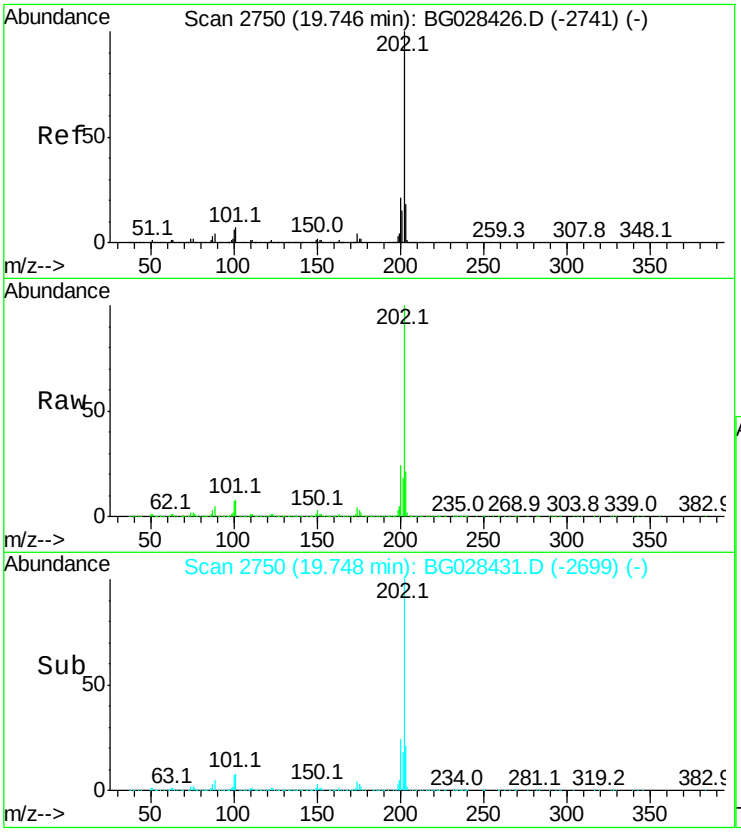


#72
Carbazole
Concen: 51.104 ng/ul
RT: 18.10 min Scan# 2470
Delta R.T. -0.00 min
Lab File: BG028431.D
Acq: 22 Aug 2017 23:57

Tgt Ion:167 Resp: 177981

Ion	Ratio	Lower	Upper
167	100		
166	23.1	17.9	26.9
139	14.1	10.5	15.7



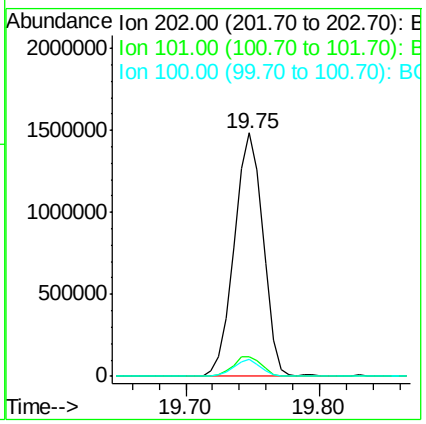


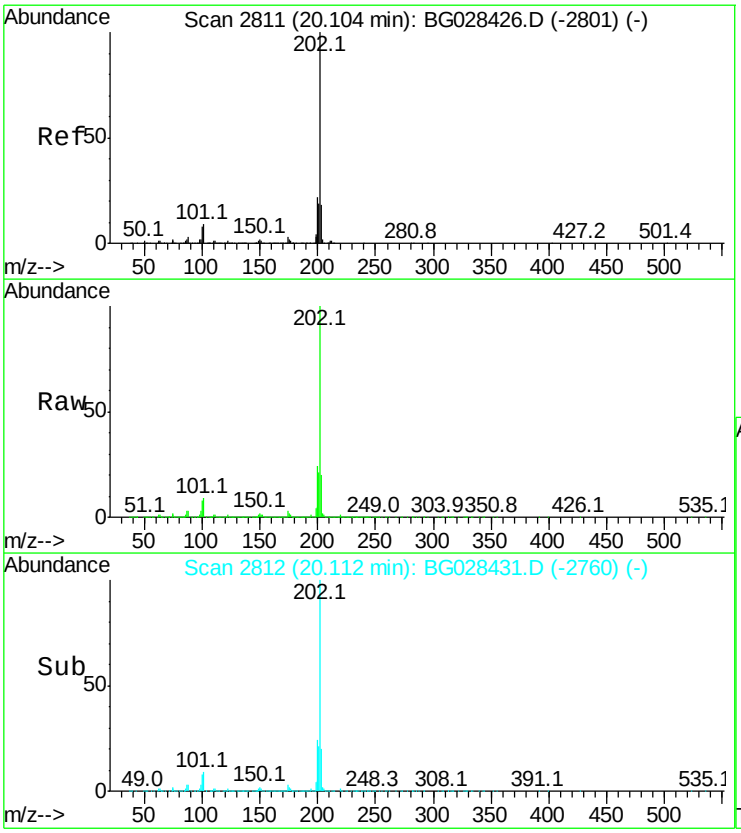
#74
Fluoranthene
Concen: 465.791 ng/ul
RT: 19.75 min Scan# 2750
Delta R.T. 0.00 min
Lab File: BG028431.D
Acq: 22 Aug 2017 23:57

Instrument :
BNA_G
ClientSampleId :
B0AB5

Tgt Ion:202 Resp: 2218000

Ion	Ratio	Lower	Upper
202	100		
101	8.3	6.2	9.2
100	7.1	5.2	7.8

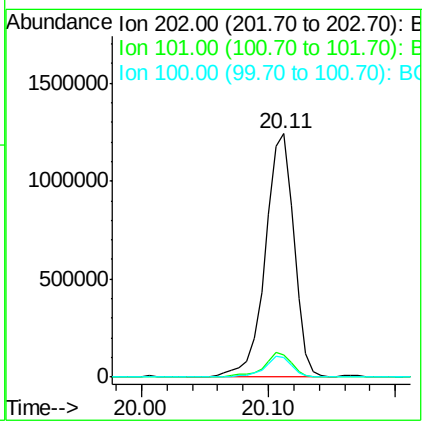


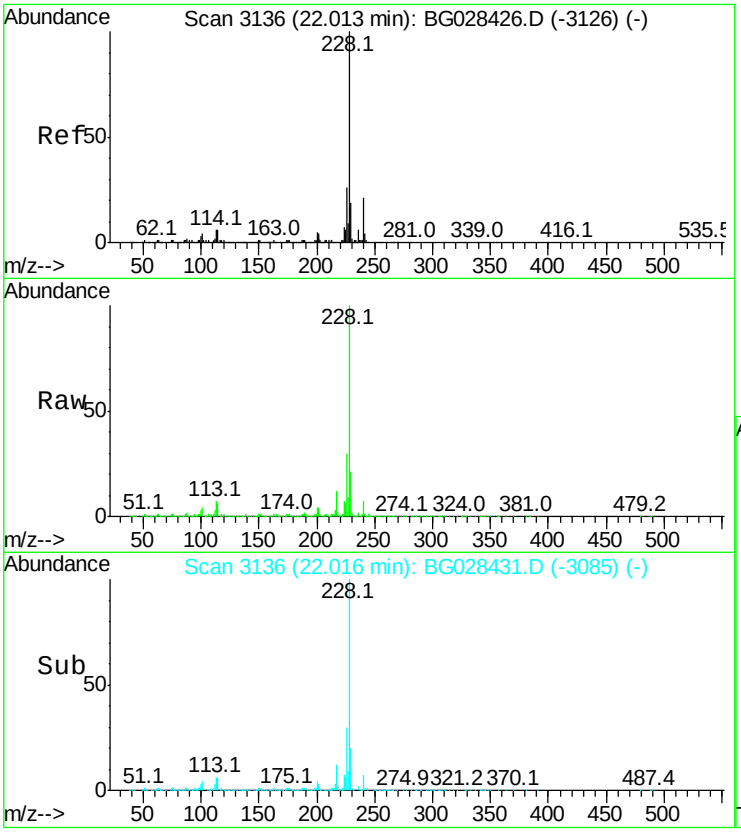


#77
Pyrene
Concen: 91.248 ng/ul
RT: 20.11 min Scan# 2812
Delta R.T. 0.01 min
Lab File: BG028431.D
Acq: 22 Aug 2017 23:57

Tgt Ion:202 Resp: 1940325

Ion	Ratio	Lower	Upper
202	100		
101	9.2	6.9	10.3
100	8.2	6.6	10.0



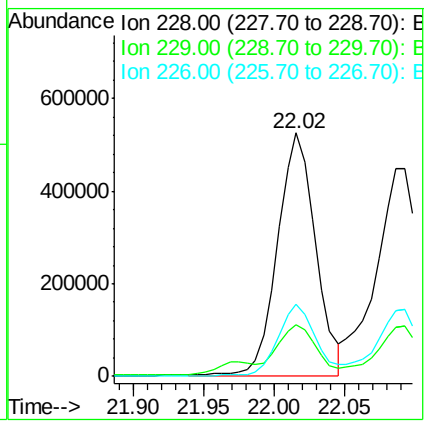


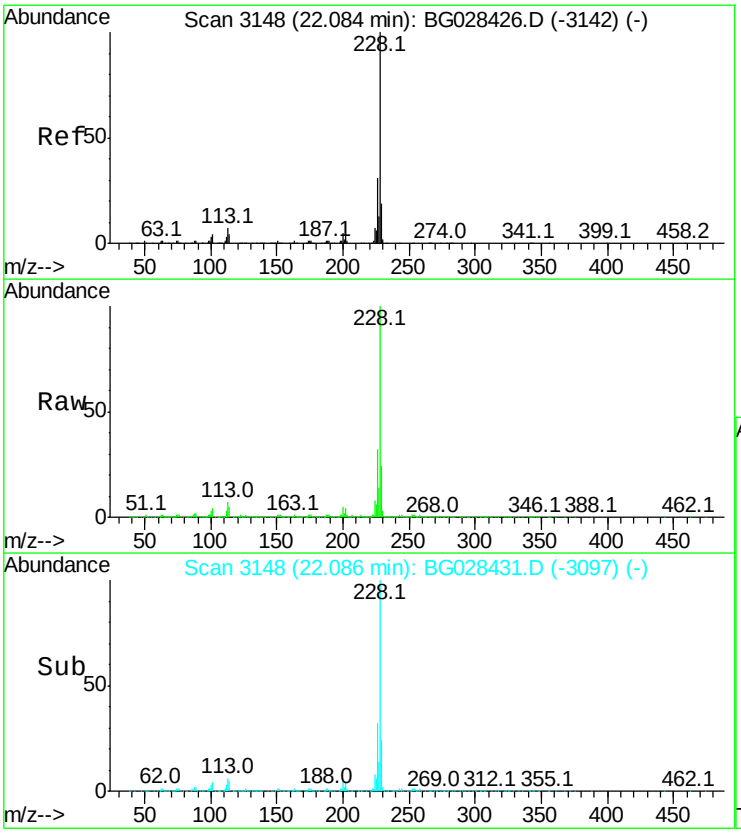
#80
Benzo(a)anthracene
Concen: 47.738 ng/ul
RT: 22.02 min Scan# 3136
Delta R.T. 0.00 min
Lab File: BG028431.D
Acq: 22 Aug 2017 23:57

Instrument :
BNA_G
ClientSampleId :
B0AB5

Tgt Ion:228 Resp: 983098

Ion	Ratio	Lower	Upper
228	100		
229	21.2	16.3	24.5
226	29.7	21.9	32.9

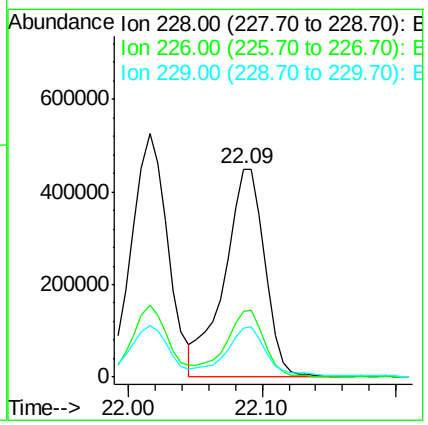


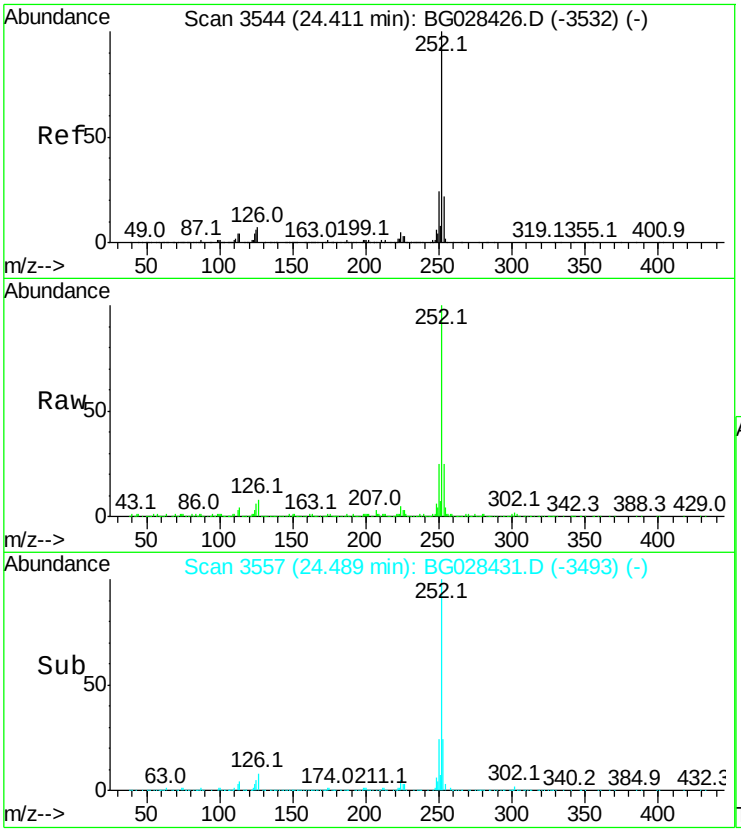


#82
Chrysene
Concen: 50.759 ng/ul
RT: 22.09 min Scan# 3148
Delta R.T. 0.00 min
Lab File: BG028431.D
Acq: 22 Aug 2017 23:57

Tgt Ion:228 Resp: 941425

Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.0	36.0
229	23.9	16.9	25.3



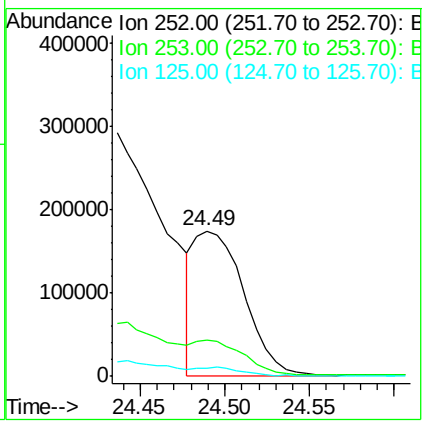


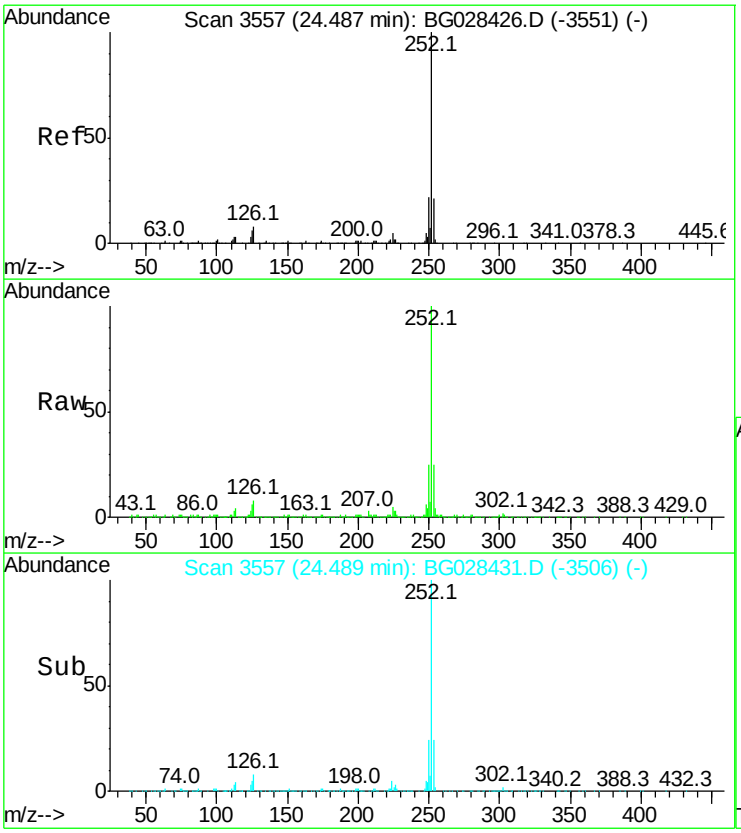
#85
Benzo(b)fluoranthene
Concen: 16.830 ng/ul
RT: 24.49 min Scan# 3557
Delta R.T. 0.08 min
Lab File: BG028431.D
Acq: 22 Aug 2017 23:57

Instrument :
BNA_G
ClientSampleId :
B0AB5

Tgt Ion:252 Resp: 353250

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.7	26.5
125	5.5	4.0	6.0

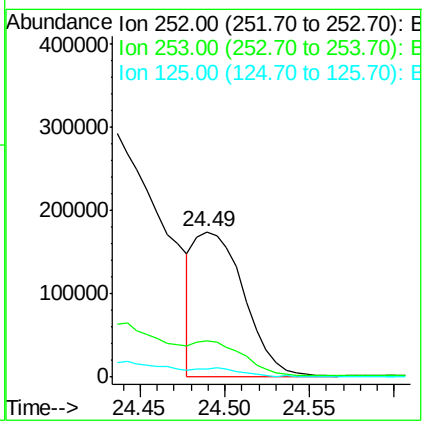


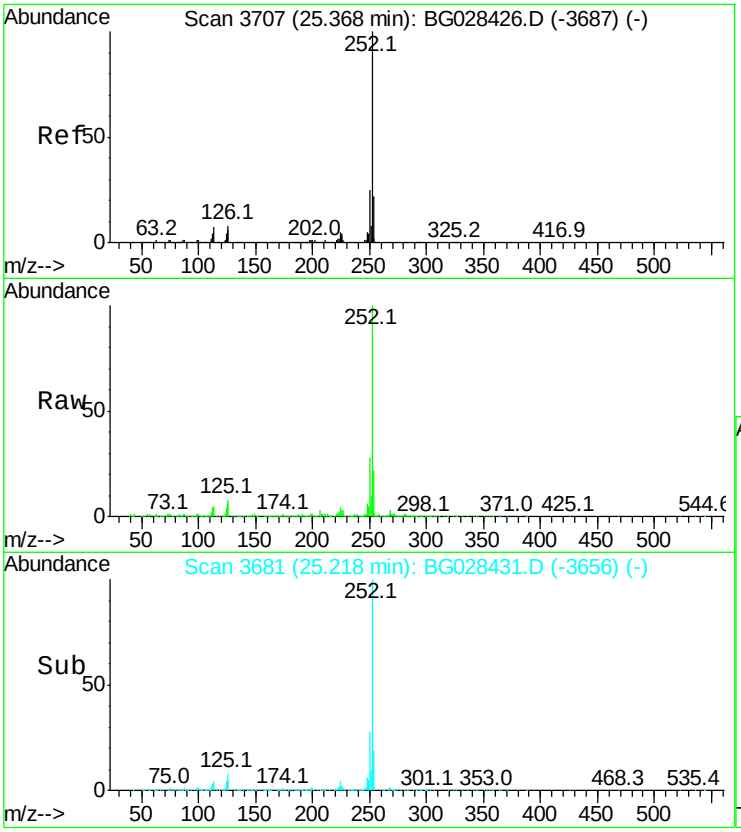


#86
Benzo(k)fluoranthene
Concen: 17.225 ng/ul
RT: 24.49 min Scan# 3557
Delta R.T. 0.00 min
Lab File: BG028431.D
Acq: 22 Aug 2017 23:57

Tgt Ion:252 Resp: 353152

Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.5	27.7
125	5.5	4.1	6.1



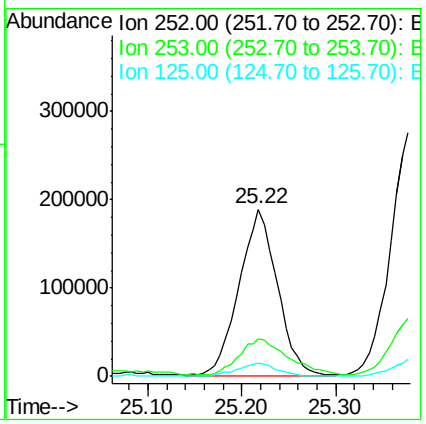


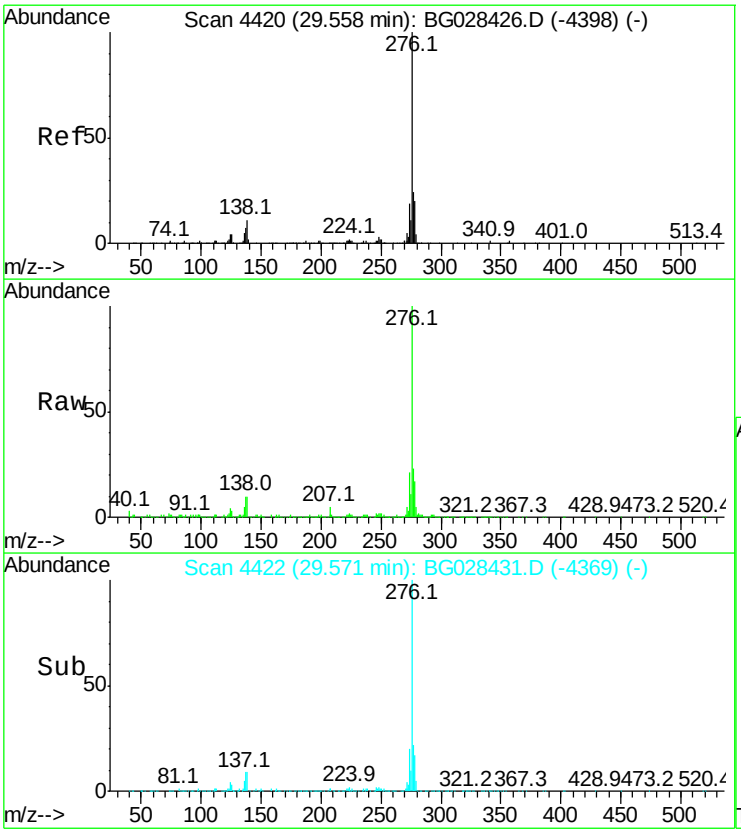
#88
Benzo(a)pyrene
Concen: 25.936 ng/ul
RT: 25.22 min Scan# 3681
Delta R.T. -0.15 min
Lab File: BG028431.D
Acq: 22 Aug 2017 23:57

Instrument :
BNA_G
ClientSampleId :
B0AB5

Tgt Ion:252 Resp: 527090

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	7.9	5.4	8.0

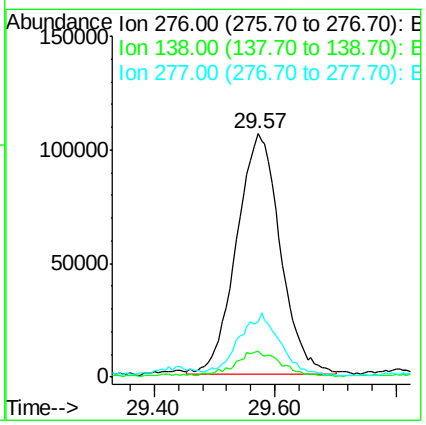


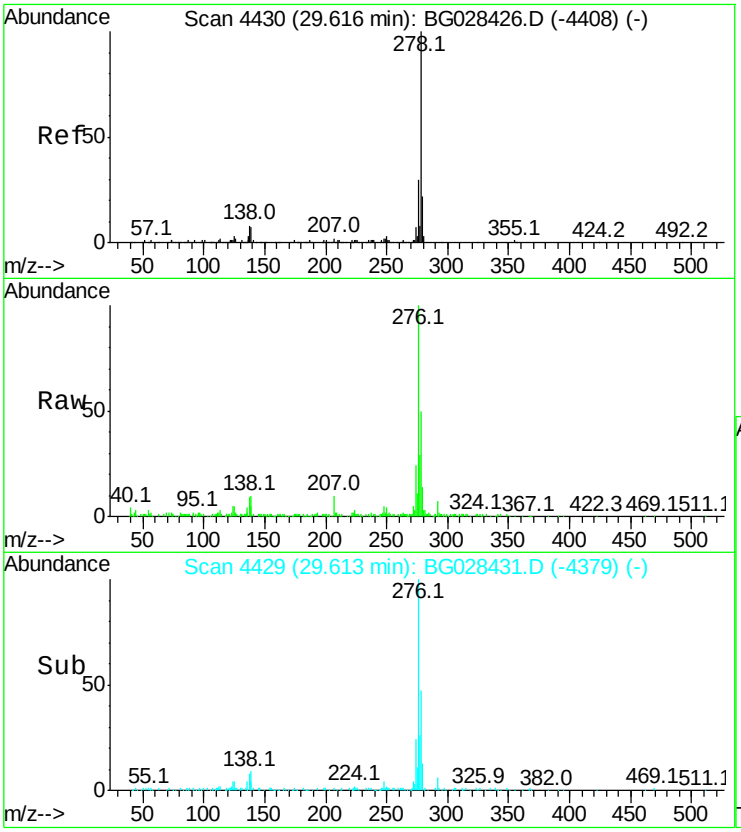


#89
Indeno(1,2,3-cd)pyrene
Concen: 22.305 ng/ul
RT: 29.57 min Scan# 4422
Delta R.T. 0.01 min
Lab File: BG028431.D
Acq: 22 Aug 2017 23:57

Tgt Ion:276 Resp: 530844

Ion	Ratio	Lower	Upper
276	100		
138	10.4	8.2	12.4
277	22.8	18.6	28.0



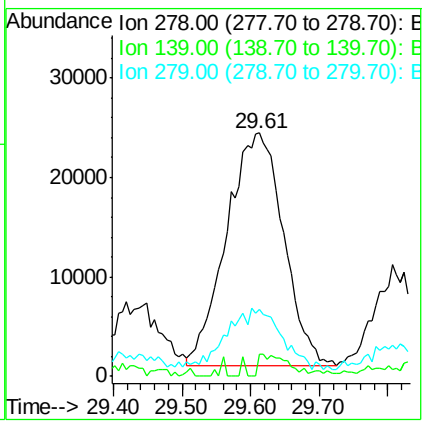


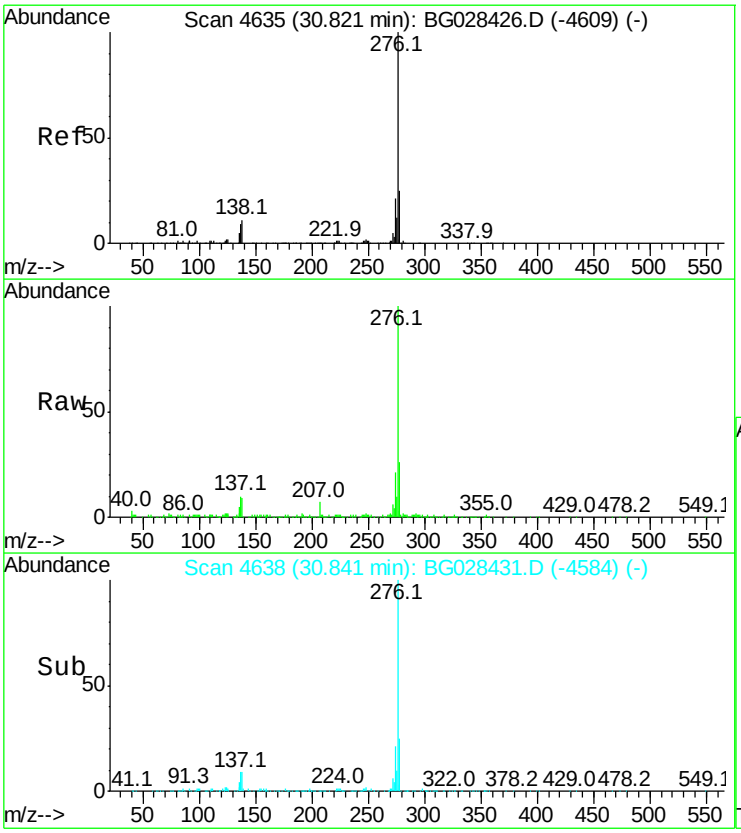
#90
Dibenzo(a,h)anthracene
Concen: 6.735 ng/ul
RT: 29.61 min Scan# 4429
Delta R.T. -0.00 min
Lab File: BG028431.D
Acq: 22 Aug 2017 23:57

Instrument :
BNA_G
ClientSampleId :
B0AB5

Tgt Ion:278 Resp: 134352

Ion	Ratio	Lower	Upper
278	100		
139	9.2	6.7	10.1
279	27.5	20.9	31.3





#91
Benzo(g,h,i)perylene
Concen: 22.588 ng/ul
RT: 30.84 min Scan# 4638
Delta R.T. 0.02 min
Lab File: BG028431.D
Acq: 22 Aug 2017 23:57

Tgt Ion:276 Resp: 442255

Ion	Ratio	Lower	Upper
276	100		
138	9.2	8.6	12.8
277	25.6	17.6	26.4