Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG082217\
Data File : BG028429.D
Acq On : 22 Aug 2017 22:37
Operator : SJ/JU
Sample : I4827-08 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E7GB8

Quant Time: Aug 23 07:08:13 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	40720	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	193169	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	140478	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.80	188	87589	20.00	ng/ul	0.10
75) Chrysene-d12	22.04	240	366574	20.00	ng/ul	0.00
83) Perylene-d12	25.54	264	357163	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.82	96	158	0.18	ng/uL	0.00
5) Phenol-d5	7.49	99	15595	3.49	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.66	67	9980	3.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.88	132	12555	4.45	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	14109	3.77	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	6532	4.32	ng/ul	0.00
22) 2-Nitrophenol-d4	10.24	143	7505	4.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	16454	4.80	ng/ul	0.00
29) 4-Chloroaniline-d4	11.30	131	8821	2.31	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	61695	4.94	ng/ul	0.00
46) Acenaphthylene-d8	14.64	160	71089	5.05	ng/ul	0.00
51) 4-Nitrophenol-d4	15.17	143	4194	2.11	ng/ul	0.02
57) Fluorene-d10	15.94	176	55219	4.93	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.14	200	74	0.13	ng/ul	0.08
70) Anthracene-d10	17.80	188	87589	20.85	ng/ul	0.00
76) Pyrene-d10	20.07	212	99139	5.27	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.29	264	91361	5.46	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	11.21	128	37276	3.896	ng/ul#	95
34) 2-Methylnaphthalene	12.79	142	53868	7.010	ng/ul	98
44) Dimethylphthalate	14.39	163	30375	2.640	ng/ul#	98
47) Acenaphthylene	14.68	152	16563	1.230	ng/ul#	88
53) Dibenzofuran	15.34	168	24805	1.873	ng/ul	92
58) Fluorene	16.00	166	14805	1.263	ng/ul#	84
64) N-Nitrosodiphenylamine	16.29	169	2901	1.259	ng/ul#	51
69) Phenanthrene	17.83	178	57374	13.016	ng/ul	96
71) Anthracene	17.83	178	57782	12.826	ng/ul	97
72) Carbazole	18.11	167	48150	12.289	ng/ul	98
74) Fluoranthene	19.89	202	17183	3.208	ng/ul	100
77) Pyrene	20.11	202	1200105	54.874	ng/ul	99
80) Benzo(a)anthracene	22.01	228	521715	24.632	ng/ul	97
82) Chrysene	22.09	228	638591	33.477	ng/ul	96
85) Benzo(b)fluoranthene	24.43	252	618930	28.958	ng/ul#	99
86) Benzo(k)fluoranthene	24.43	252	618930	29.646	ng/ul#	97
88) Benzo(a)pyrene	25.37	252	254931	12.319	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	29.56	276	131485	5.426	ng/ul	98
90) Dibenzo(a,h)anthracene	29.60	278	41452	2.041	ng/ul	95
91) Benzo(g,h,i)perylene	30.82	276	99602	4.996	ng/ul#	87

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

Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG082217\
Data File : BG028429.D
Acq On : 22 Aug 2017 22:37
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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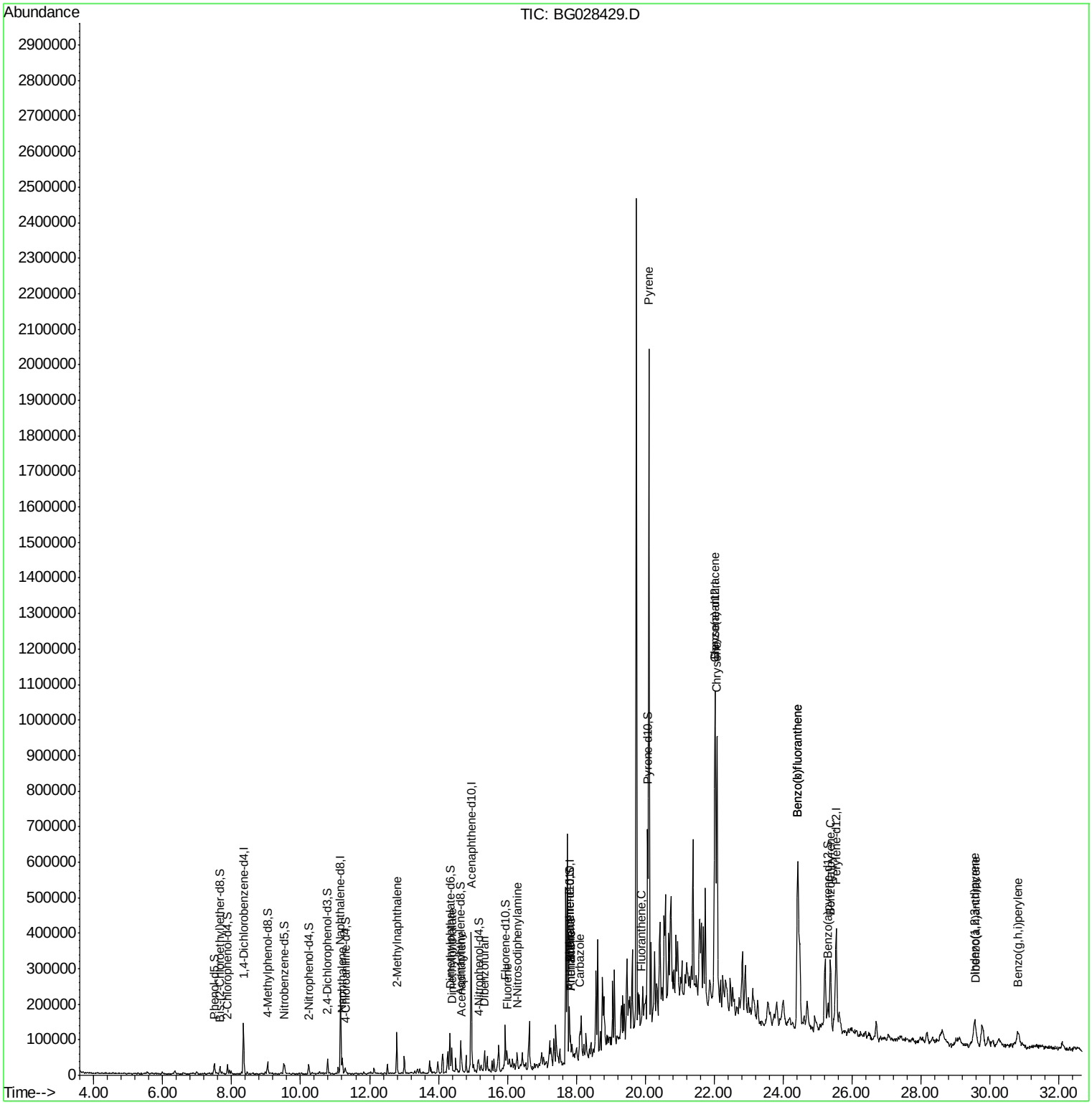
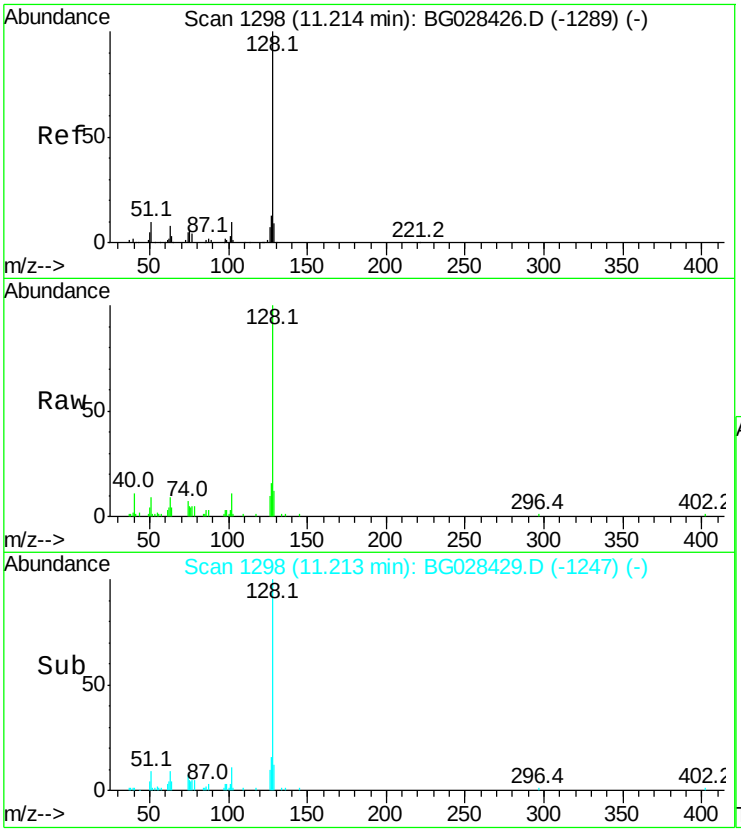
Quant Time: Aug 23 07:08:13 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 23 07:06:03 2017
Response via : Initial Calibration



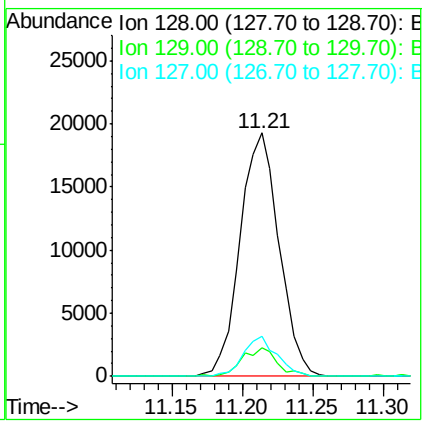


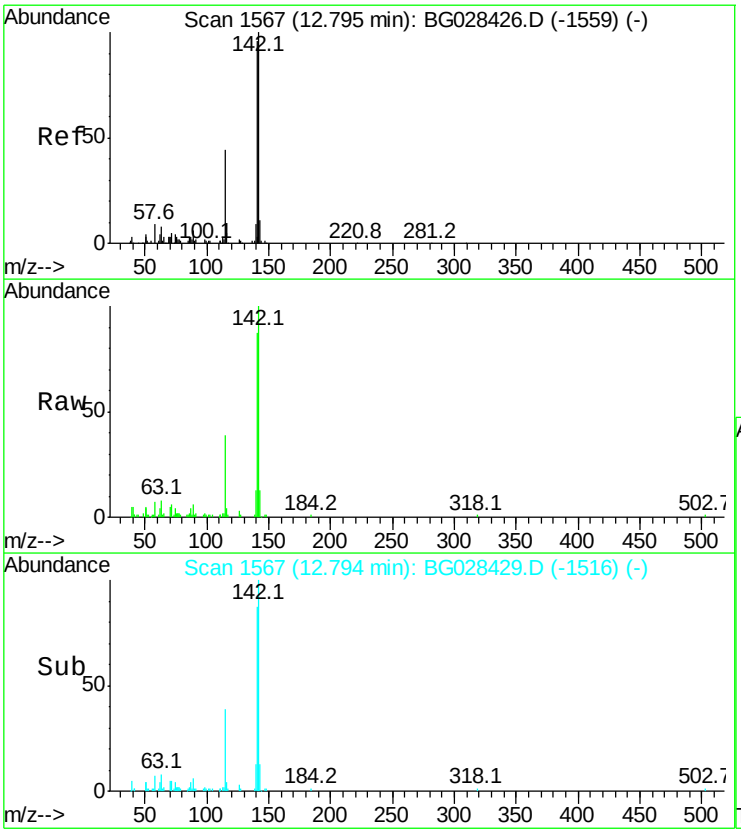
#28
Naphthalene
Concen: 3.896 ng/ul
RT: 11.21 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG028429.D
Acq: 22 Aug 2017 22:37

Instrument :
BNA_G
ClientSampleId :
E7GB8

Tgt Ion:128 Resp: 37276

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.4	14.2
127	16.3	10.3	15.5#

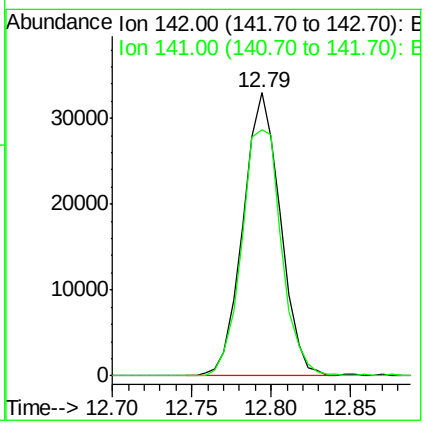


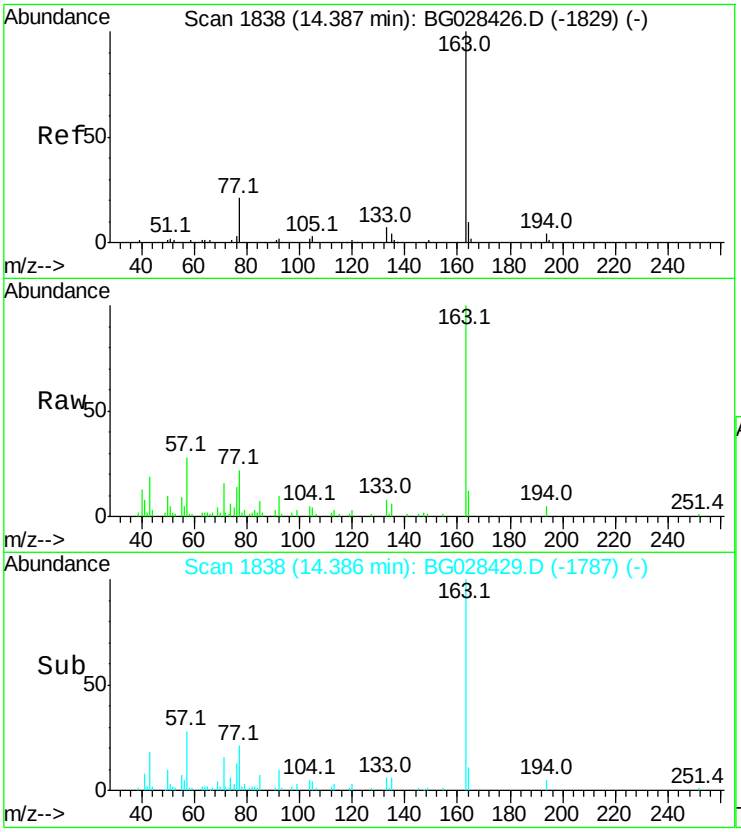


#34
2-Methylnaphthalene
Concen: 7.010 ng/ul
RT: 12.79 min Scan# 1567
Delta R.T. -0.00 min
Lab File: BG028429.D
Acq: 22 Aug 2017 22:37

Tgt Ion:142 Resp: 53868

Ion	Ratio	Lower	Upper
142	100		
141	87.1	68.6	102.8



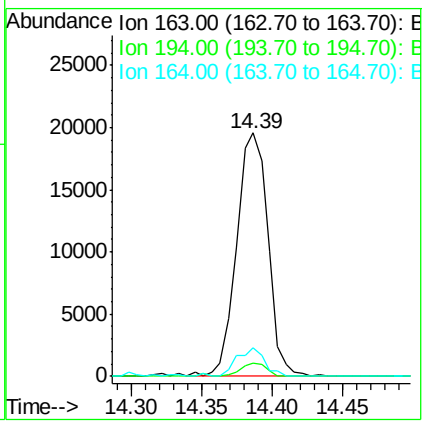


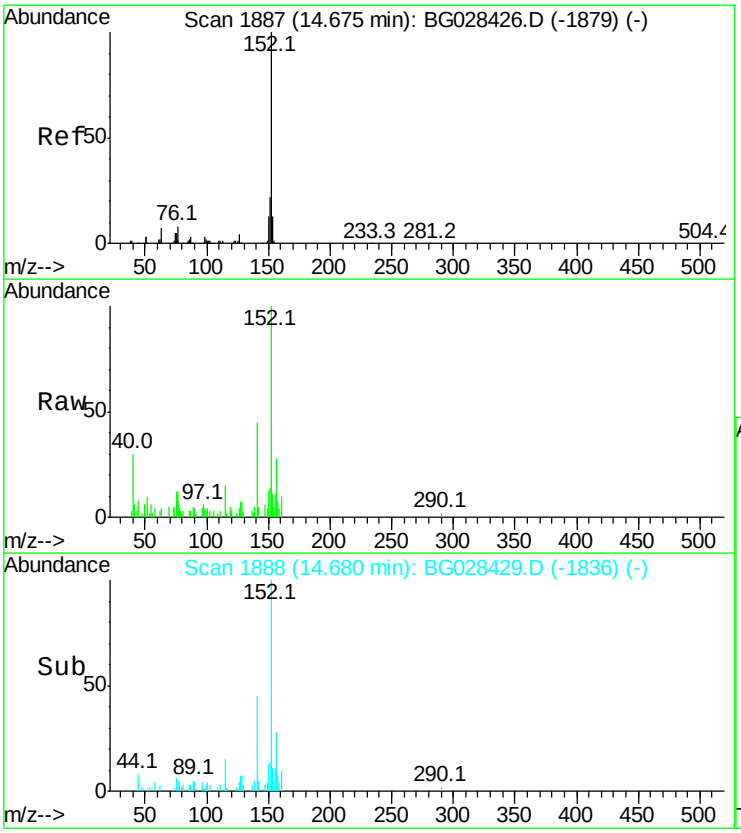
#44
Dimethylphthalate
Concen: 2.640 ng/ul
RT: 14.39 min Scan# 1838
Delta R.T. -0.00 min
Lab File: BG028429.D
Acq: 22 Aug 2017 22:37

Instrument :
BNA_G
ClientSampleId :
E7GB8

Tgt Ion:163 Resp: 30375

Ion	Ratio	Lower	Upper
163	100		
194	5.5	3.4	5.0#
164	11.6	9.0	13.4

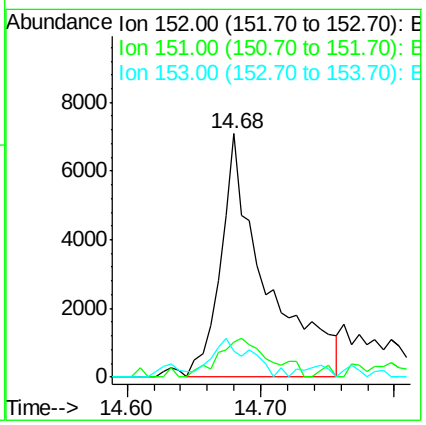


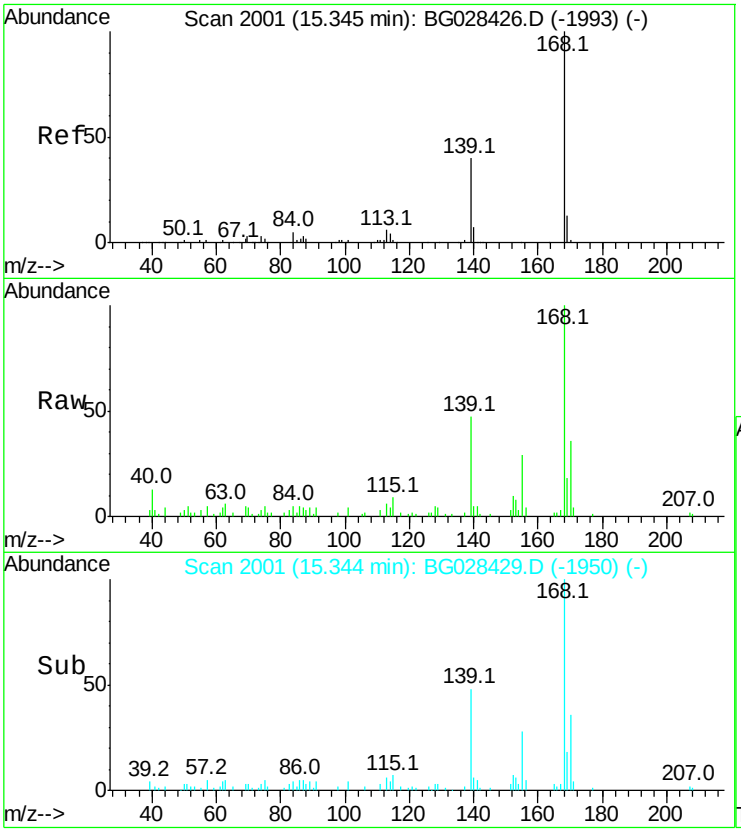


#47
Acenaphthylene
Concen: 1.230 ng/ul
RT: 14.68 min Scan# 1888
Delta R.T. 0.00 min
Lab File: BG028429.D
Acq: 22 Aug 2017 22:37

Tgt Ion:152 Resp: 16563

Ion	Ratio	Lower	Upper
152	100		
151	14.5	16.7	25.1#
153	10.8	11.4	17.2#



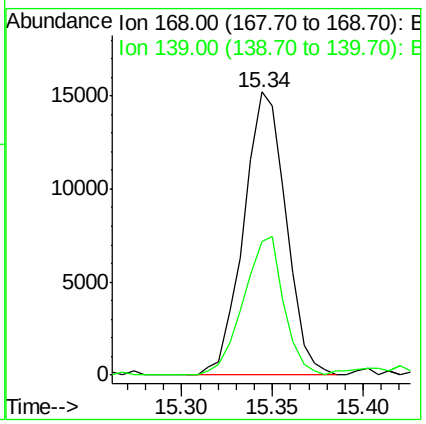


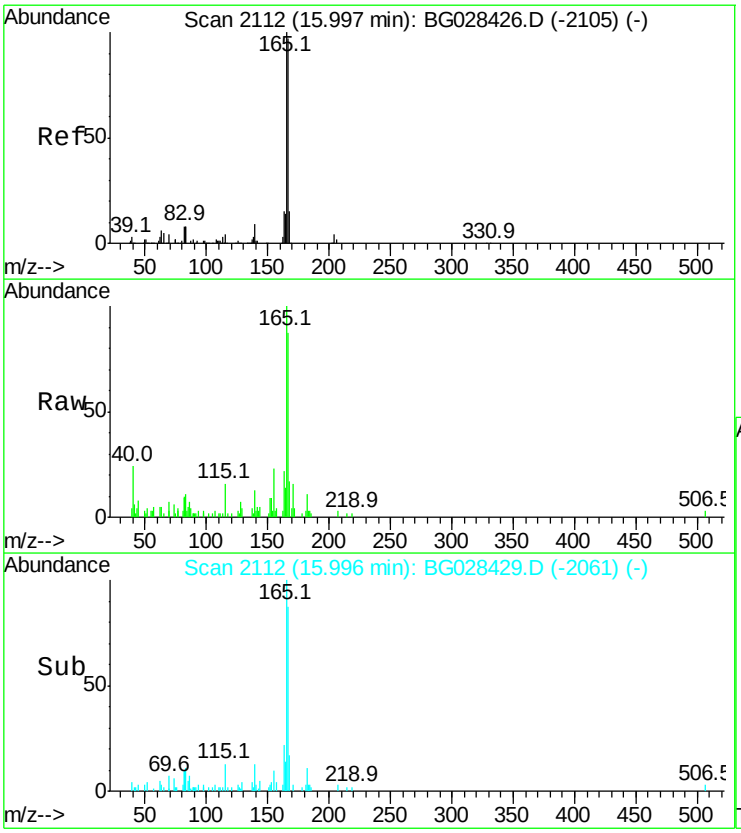
#53
Dibenzofuran
Concen: 1.873 ng/ul
RT: 15.34 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BG028429.D
Acq: 22 Aug 2017 22:37

Instrument :
BNA_G
ClientSampleId :
E7GB8

Tgt Ion:168 Resp: 24805

Ion	Ratio	Lower	Upper
168	100		
139	47.1	33.8	50.8

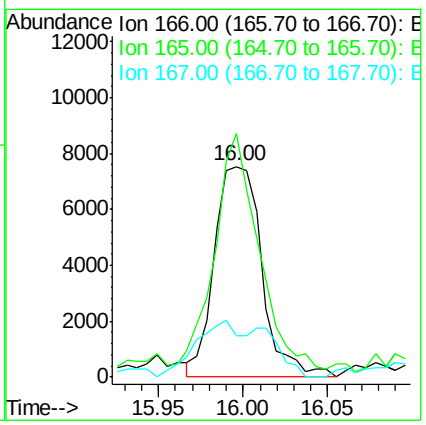


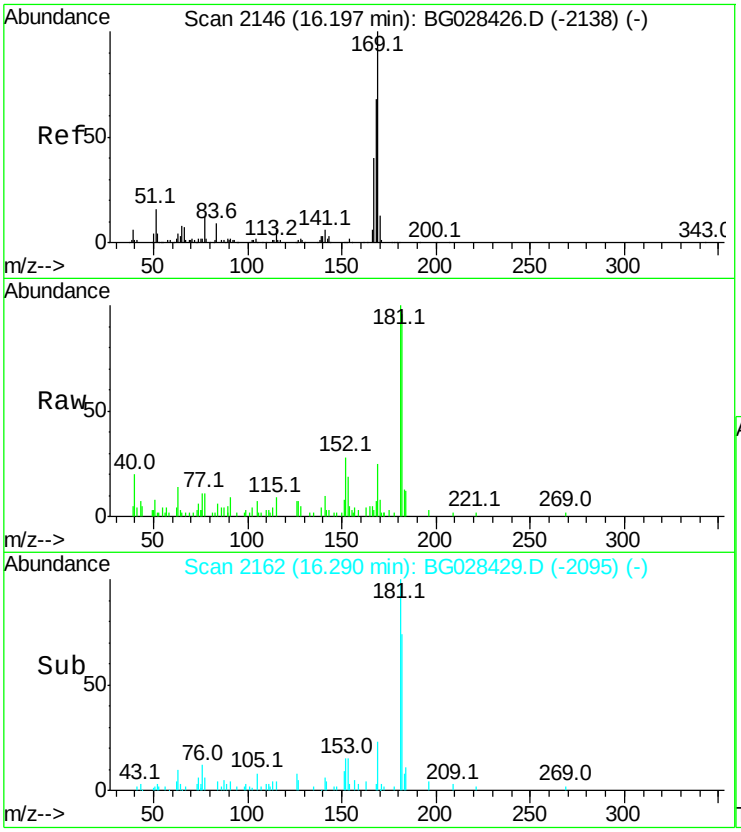


#58
Fluorene
Concen: 1.263 ng/ul
RT: 16.00 min Scan# 2112
Delta R.T. -0.00 min
Lab File: BG028429.D
Acq: 22 Aug 2017 22:37

Tgt Ion:166 Resp: 14805

Ion	Ratio	Lower	Upper
166	100		
165	115.5	79.7	119.5
167	19.4	11.4	17.2#



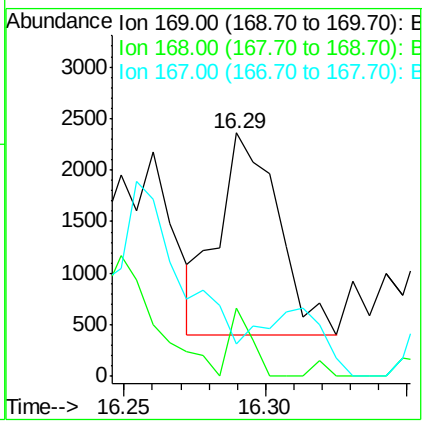


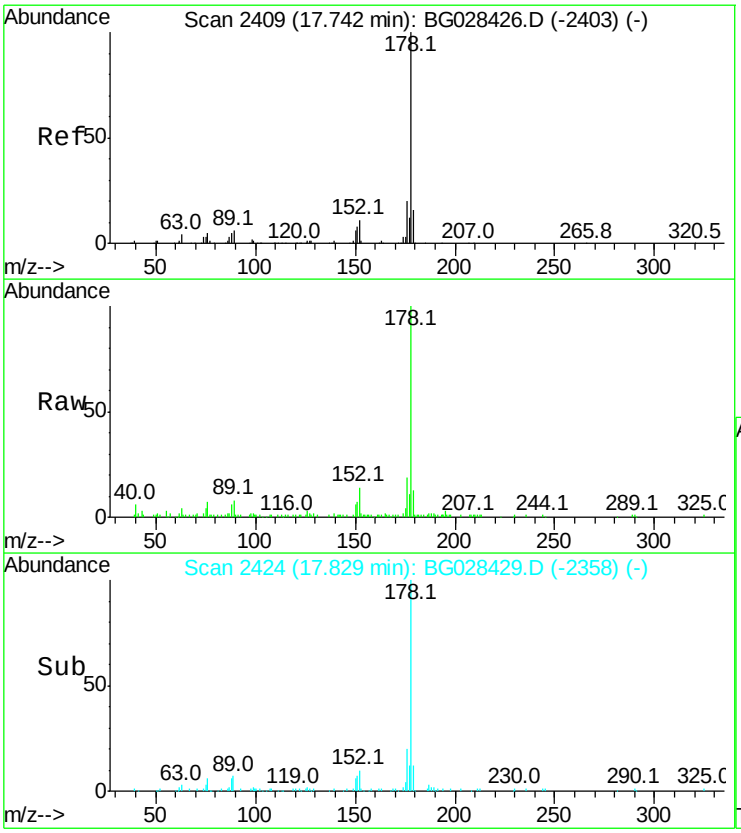
#64
N-Nitrosodiphenylamine
Concen: 1.259 ng/ul
RT: 16.29 min Scan# 2162
Delta R.T. 0.09 min
Lab File: BG028429.D
Acq: 22 Aug 2017 22:37

Instrument :
BNA_G
ClientSampleId :
E7GB8

Tgt Ion:169 Resp: 2901

Ion	Ratio	Lower	Upper
169	100		
168	28.3	59.1	88.7#
167	13.2	29.7	44.5#

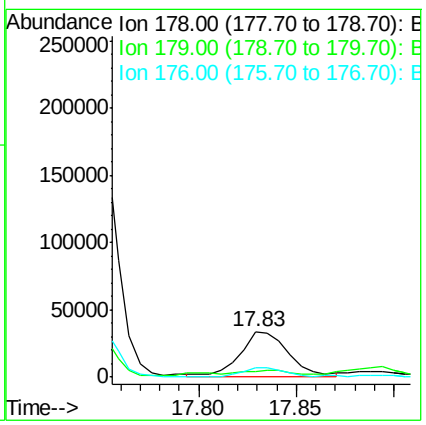


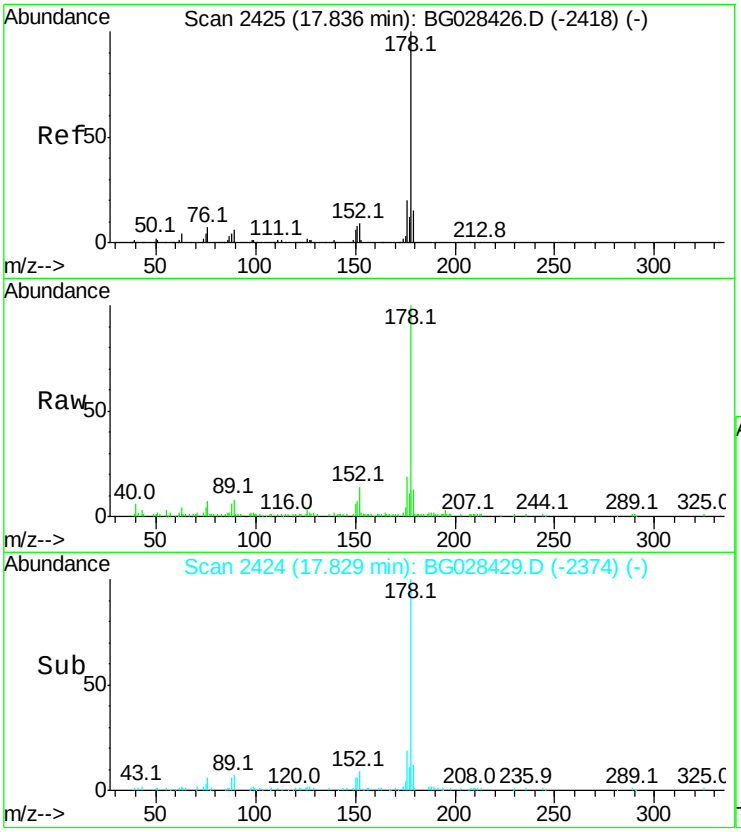


#69
Phenanthrene
Concen: 13.016 ng/ul
RT: 17.83 min Scan# 2424
Delta R.T. 0.09 min
Lab File: BG028429.D
Acq: 22 Aug 2017 22:37

Tgt Ion:178 Resp: 57374

Ion	Ratio	Lower	Upper
178	100		
179	13.2	12.4	18.6
176	19.5	16.5	24.7



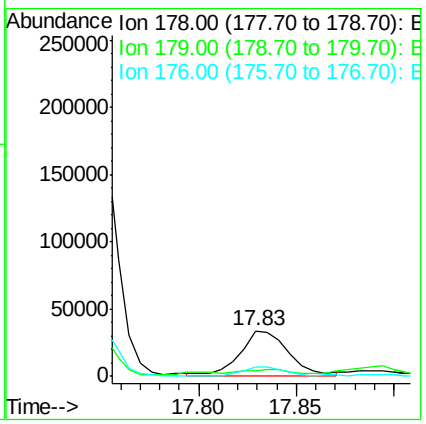


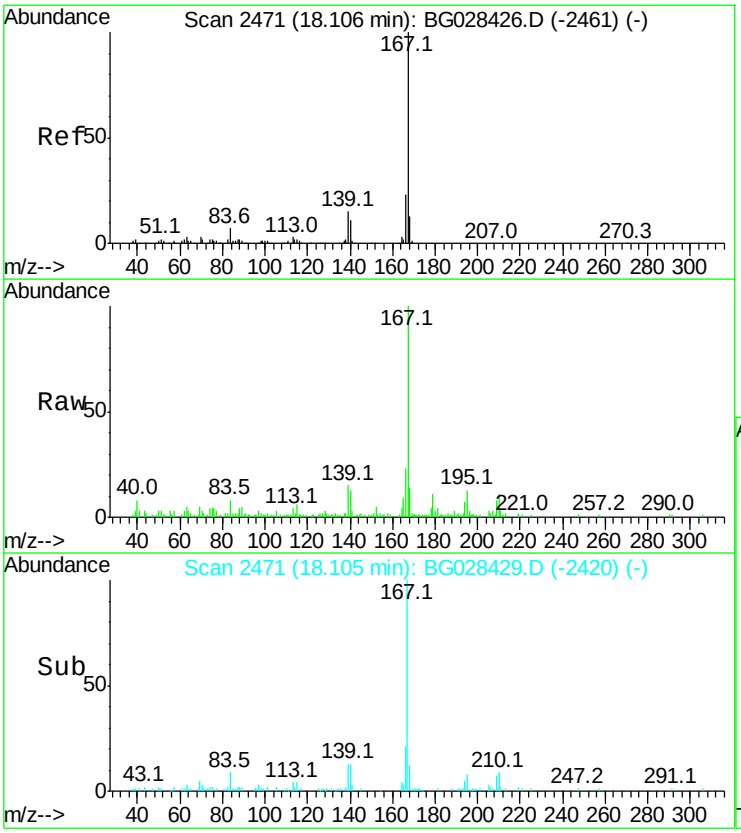
#71
Anthracene
Concen: 12.826 ng/ul
RT: 17.83 min Scan# 2424
Delta R.T. -0.01 min
Lab File: BG028429.D
Acq: 22 Aug 2017 22:37

Instrument :
BNA_G
ClientSampleId :
E7GB8

Tgt Ion:178 Resp: 57782

Ion	Ratio	Lower	Upper
178	100		
179	13.2	12.6	19.0
176	19.5	15.9	23.9

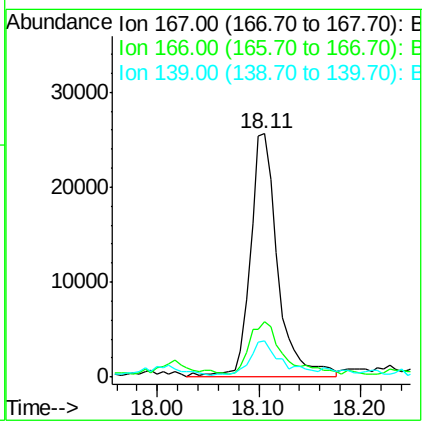


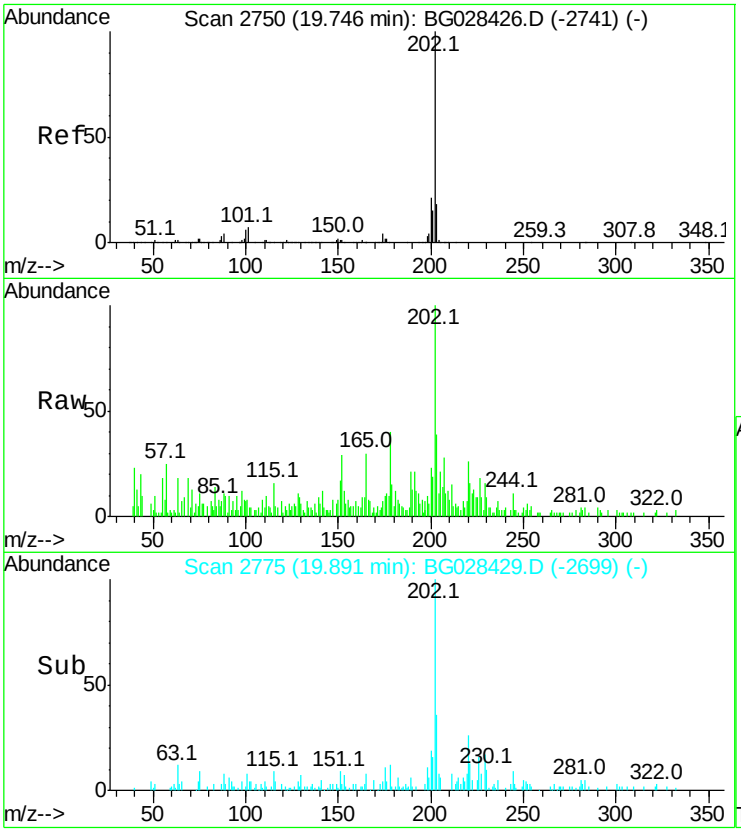


#72
Carbazole
Concen: 12.289 ng/ul
RT: 18.11 min Scan# 2471
Delta R.T. -0.00 min
Lab File: BG028429.D
Acq: 22 Aug 2017 22:37

Tgt Ion:167 Resp: 48150

Ion	Ratio	Lower	Upper
167	100		
166	22.7	17.9	26.9
139	14.8	10.5	15.7



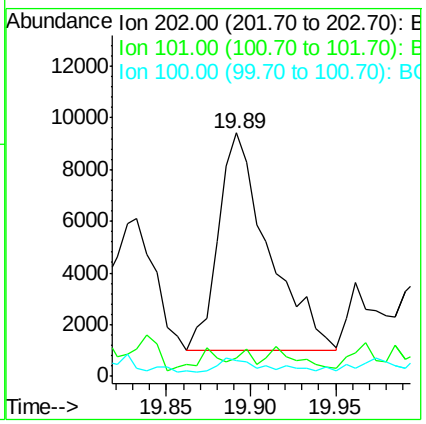


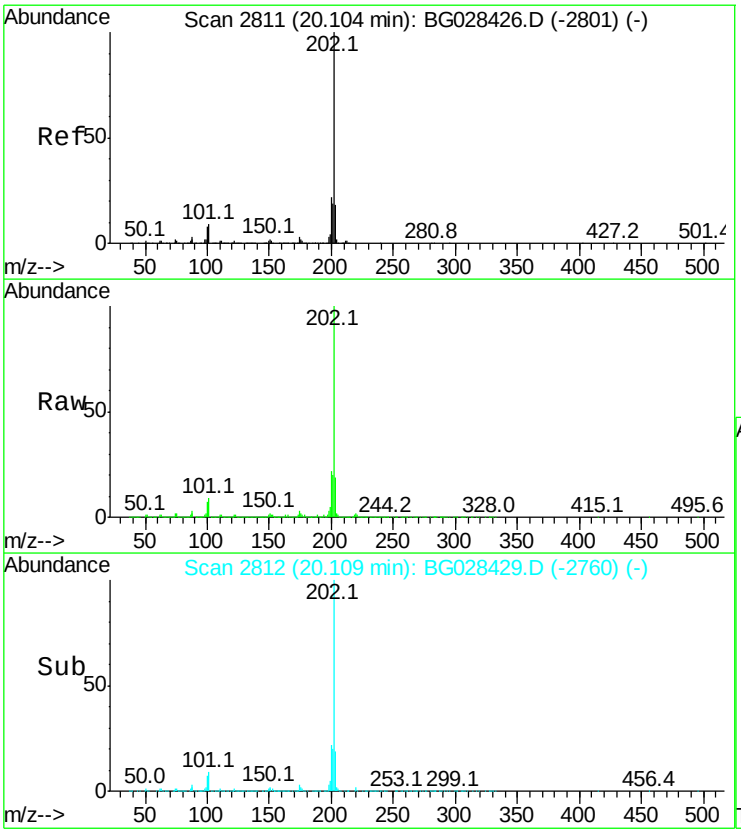
#74
Fluoranthene
Concen: 3.208 ng/ul
RT: 19.89 min Scan# 2775
Delta R.T. 0.15 min
Lab File: BG028429.D
Acq: 22 Aug 2017 22:37

Instrument :
BNA_G
ClientSampleId :
E7GB8

Tgt Ion:202 Resp: 17183

Ion	Ratio	Lower	Upper
202	100		
101	7.7	6.2	9.2
100	6.6	5.2	7.8

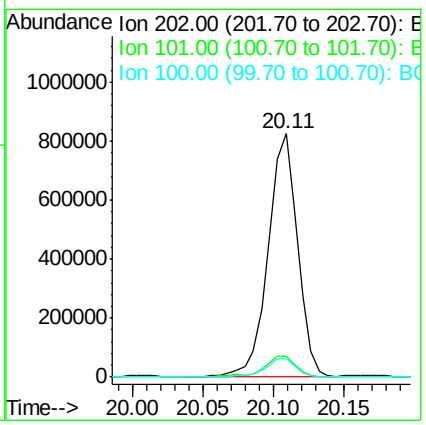


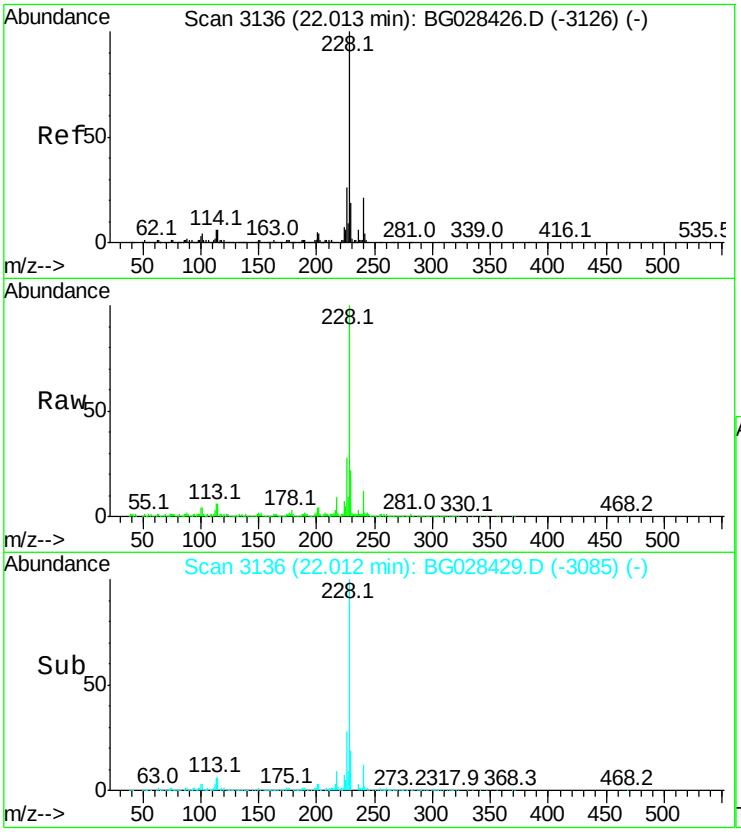


#77
Pyrene
Concen: 54.874 ng/ul
RT: 20.11 min Scan# 2812
Delta R.T. 0.00 min
Lab File: BG028429.D
Acq: 22 Aug 2017 22:37

Tgt Ion:202 Resp: 1200105

Ion	Ratio	Lower	Upper
202	100		
101	8.7	6.9	10.3
100	7.3	6.6	10.0



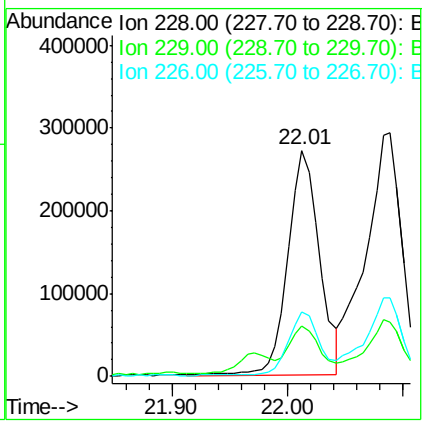


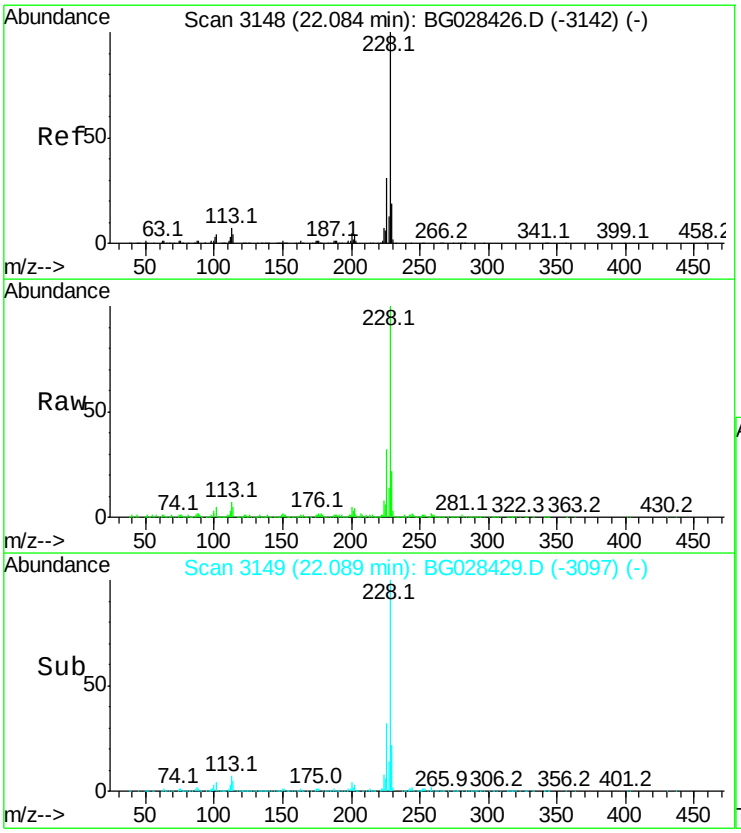
#80
Benzo(a)anthracene
Concen: 24.632 ng/ul
RT: 22.01 min Scan# 3136
Delta R.T. -0.00 min
Lab File: BG028429.D
Acq: 22 Aug 2017 22:37

Instrument :
BNA_G
ClientSampleId :
E7GB8

Tgt Ion:228 Resp: 521715

Ion	Ratio	Lower	Upper
228	100		
229	22.1	16.3	24.5
226	28.4	21.9	32.9

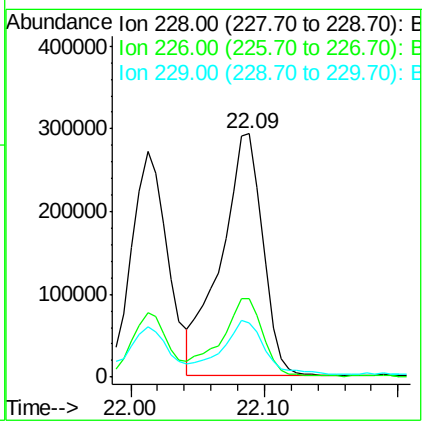


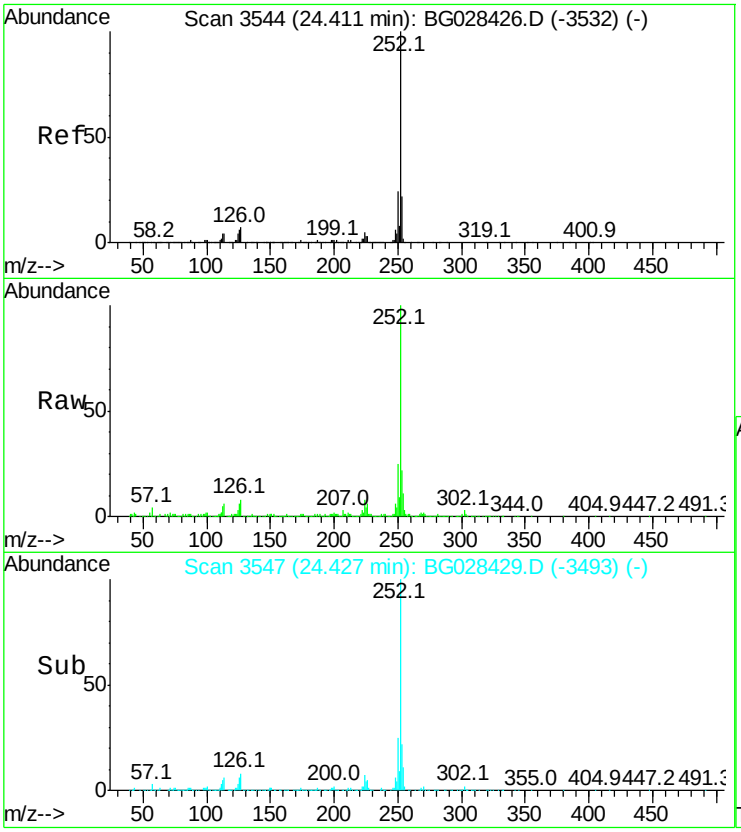


#82
Chrysene
Concen: 33.477 ng/ul
RT: 22.09 min Scan# 3149
Delta R.T. 0.00 min
Lab File: BG028429.D
Acq: 22 Aug 2017 22:37

Tgt Ion:228 Resp: 638591

Ion	Ratio	Lower	Upper
228	100		
226	32.5	24.0	36.0
229	22.4	16.9	25.3



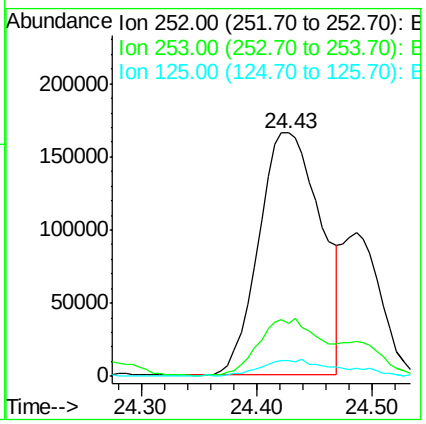


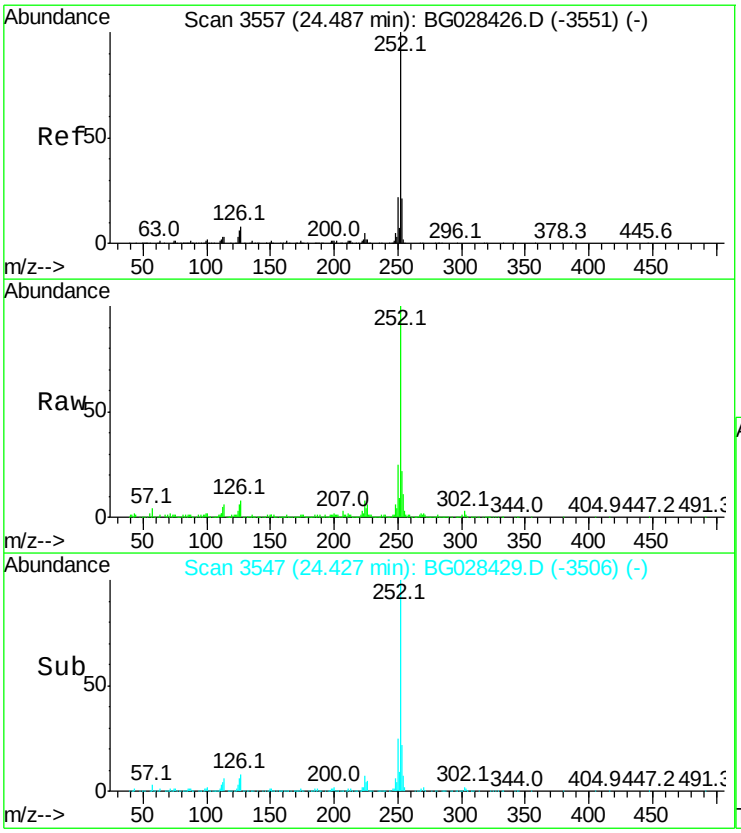
#85
Benzo(b)fluoranthene
Concen: 28.958 ng/ul
RT: 24.43 min Scan# 3547
Delta R.T. 0.02 min
Lab File: BG028429.D
Acq: 22 Aug 2017 22:37

Instrument :
BNA_G
ClientSampleId :
E7GB8

Tgt Ion:252 Resp: 618930

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	6.3	4.0	6.0#

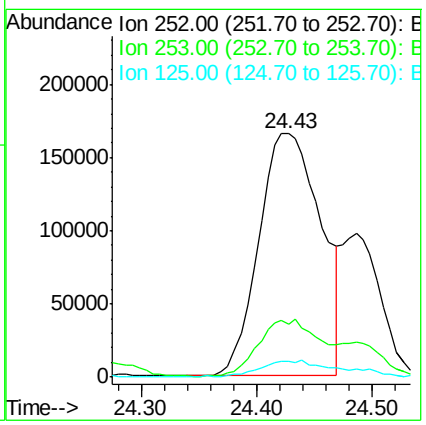


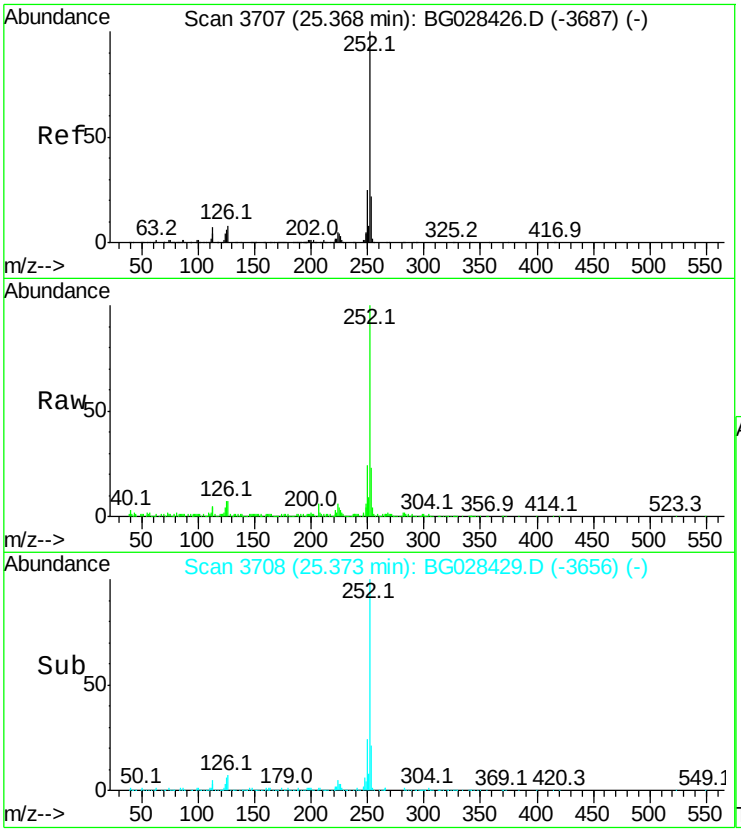


#86
Benzo(k)fluoranthene
Concen: 29.646 ng/ul
RT: 24.43 min Scan# 3547
Delta R.T. -0.06 min
Lab File: BG028429.D
Acq: 22 Aug 2017 22:37

Tgt Ion:252 Resp: 618930

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.5	27.7
125	6.3	4.1	6.1#



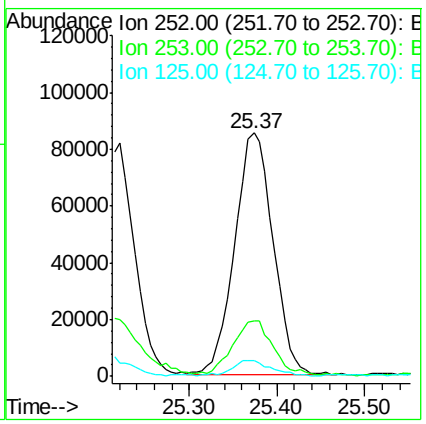


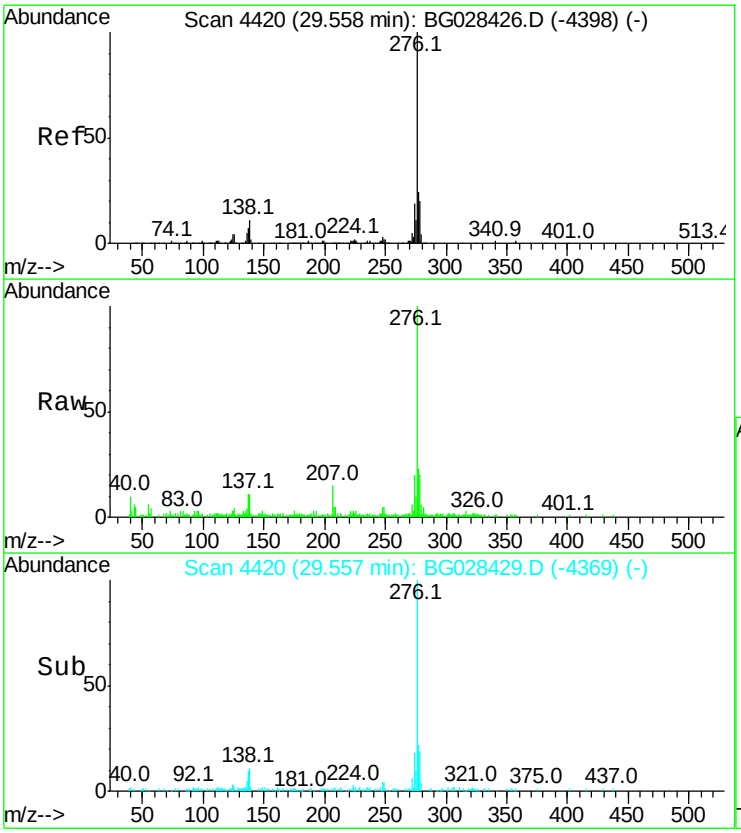
#88
Benzo(a)pyrene
Concen: 12.319 ng/ul
RT: 25.37 min Scan# 3708
Delta R.T. 0.00 min
Lab File: BG028429.D
Acq: 22 Aug 2017 22:37

Instrument :
BNA_G
ClientSampleId :
E7GB8

Tgt Ion:252 Resp: 254931

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.6
125	6.5	5.4	8.0

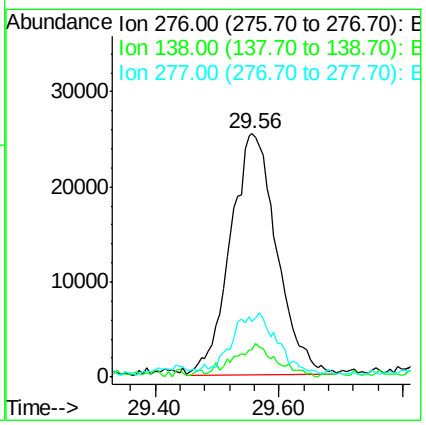


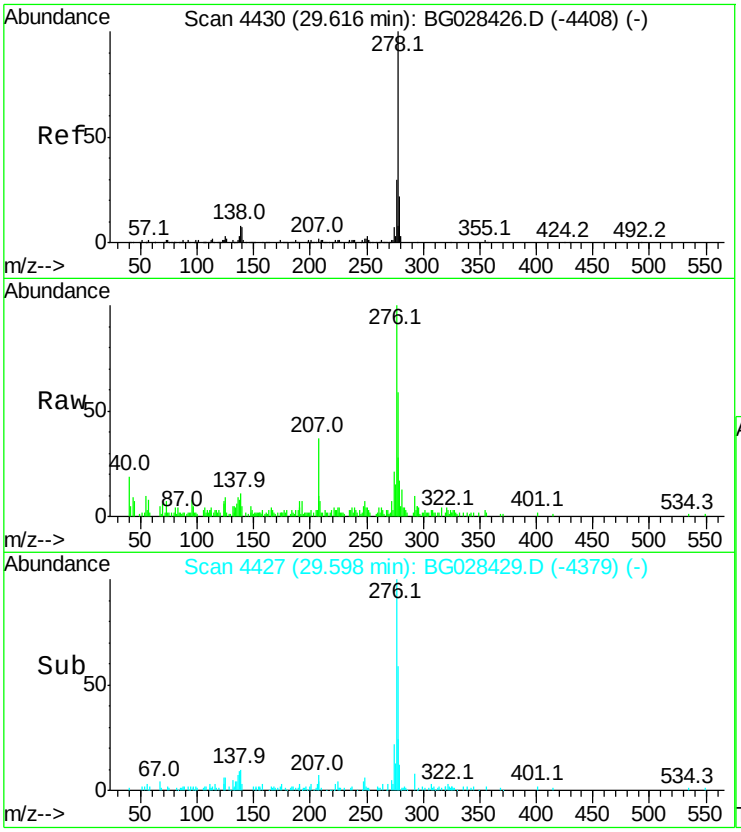


#89
Indeno(1,2,3-cd)pyrene
Concen: 5.426 ng/ul
RT: 29.56 min Scan# 4420
Delta R.T. -0.00 min
Lab File: BG028429.D
Acq: 22 Aug 2017 22:37

Tgt Ion:276 Resp: 131485

Ion	Ratio	Lower	Upper
276	100		
138	11.3	8.2	12.4
277	22.8	18.6	28.0



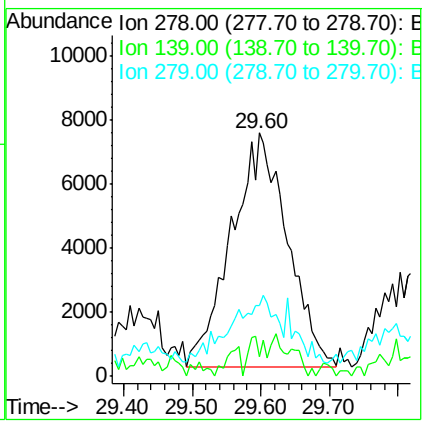


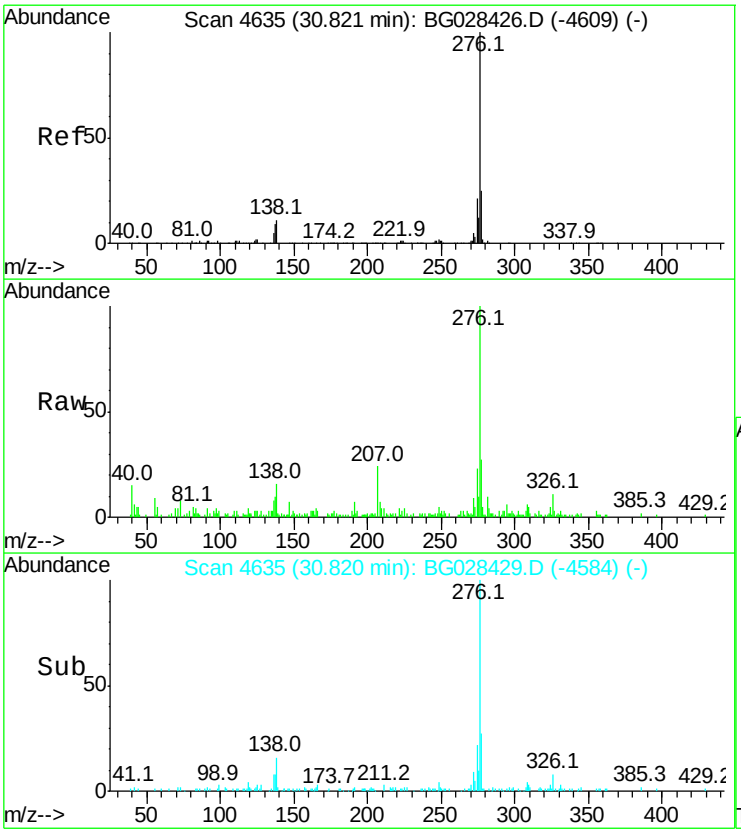
#90
Dibenzo(a,h)anthracene
Concen: 2.041 ng/ul
RT: 29.60 min Scan# 4427
Delta R.T. -0.02 min
Lab File: BG028429.D
Acq: 22 Aug 2017 22:37

Instrument :
BNA_G
ClientSampleId :
E7GB8

Tgt Ion:278 Resp: 41452

Ion	Ratio	Lower	Upper
278	100		
139	8.0	6.7	10.1
279	29.0	20.9	31.3





#91
Benzo(g,h,i)perylene
Concen: 4.996 ng/ul
RT: 30.82 min Scan# 4635
Delta R.T. -0.00 min
Lab File: BG028429.D
Acq: 22 Aug 2017 22:37

Tgt Ion:276 Resp: 99602

Ion	Ratio	Lower	Upper
276	100		
138	18.0	8.6	12.8#
277	26.6	17.6	26.4#