Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102517\
Data File : BG029462.D
Acq On : 26 Oct 2017 3:56
Operator : SJ/JU
Sample : I5792-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Oct 26 07:03:16 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 24 23:55:53 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	101329	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.99	136	469283	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	296495	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.52	188	642844	20.00	ng/ul	0.00
75) Chrysene-d12	21.81	240	688627	20.00	ng/ul	0.00
83) Perylene-d12	24.90	264	1444333	20.00	ng/ul	-0.21
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.55	96	15381	6.17	ng/uL	0.00
5) Phenol-d5	7.31	99	342141	35.18	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.48	67	210585	34.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	282553	41.18	ng/ul	-0.01
13) 4-Methylphenol-d8	8.86	113	265704	33.83	ng/ul	-0.01
19) Nitrobenzene-d5	9.33	128	151031	44.83	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	183758	53.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	321492	40.87	ng/ul	-0.01
29) 4-Chloroaniline-d4	11.27	131	400	0.04	ng/ul	0.15
43) Dimethylphthalate-d6	14.18	166	962069	37.95	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	1236167	40.10	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	118674	25.36	ng/ul	0.00
57) Fluorene-d10	15.77	176	877562	42.27	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.89	200	143577	45.76	ng/ul	0.00
70) Anthracene-d10	17.62	188	1251907	41.18	ng/ul	0.00
76) Pyrene-d10	19.90	212	1440374	40.41	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.90	264	1447625	21.16	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	7.34	94	41109	4.085	ng/ul	93
28) Naphthalene	11.03	128	73926	2.977	ng/ul	98
34) 2-Methylnaphthalene	12.62	142	86683	4.217	ng/ul	99
44) Dimethylphthalate	14.22	163	58559	2.368	ng/ul#	97
47) Acenaphthylene	14.51	152	118231	3.760	ng/ul#	84
49) Acenaphthene	14.85	153	42284	1.965	ng/ul#	88
53) Dibenzofuran	15.18	168	40194	1.367	ng/ul#	87
58) Fluorene	15.83	166	195986	8.352	ng/ul	95
64) N-Nitrosodiphenylamine	16.03	169	26145	1.364	ng/ul#	79
69) Phenanthrene	17.66	178	130400	3.752	ng/ul	99
71) Anthracene	17.66	178	129902	3.623	ng/ul	99
72) Carbazole	17.92	167	65648	2.037	ng/ul	96
74) Fluoranthene	19.57	202	2901227	74.700	ng/ul#	92
77) Pyrene	19.93	202	3509111	76.033	ng/ul#	86
80) Benzo(a)anthracene	21.78	228	1891680	43.833	ng/ul#	90
82) Chrysene	21.86	228	2303972	58.757	ng/ul#	89
85) Benzo(b)fluoranthene	24.08	252	2074410	23.924	ng/ul	96
86) Benzo(k)fluoranthene	24.08	252	2074410	24.744	ng/ul	96
88) Benzo(a)pyrene	24.98	252	1777635	21.062	ng/ul	95
89) Indeno(1,2,3-cd)pyrene	28.94	276	726964	7.613	ng/ul	97

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

Quantitation Report (Not Reviewed)

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Misc :
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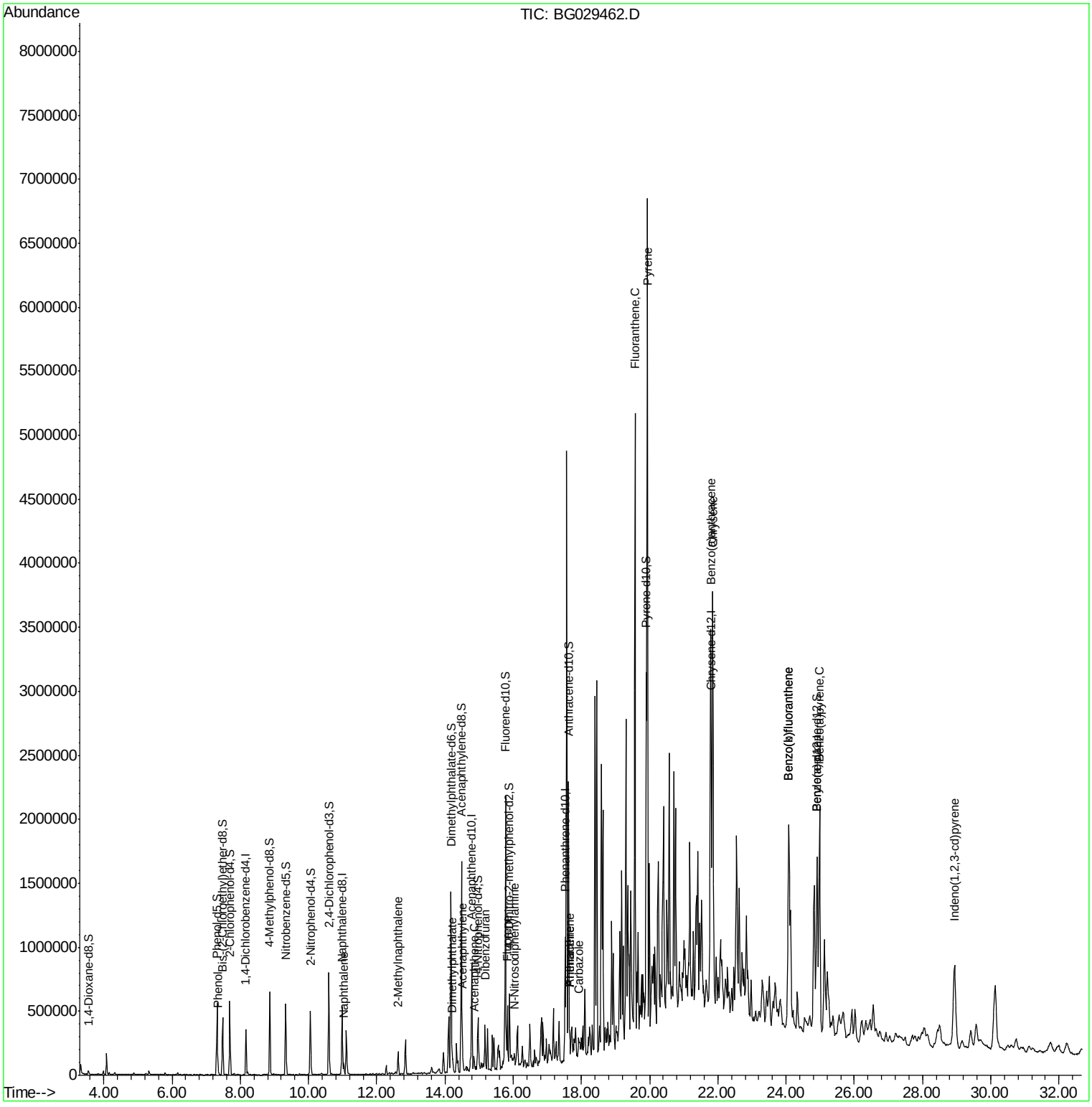
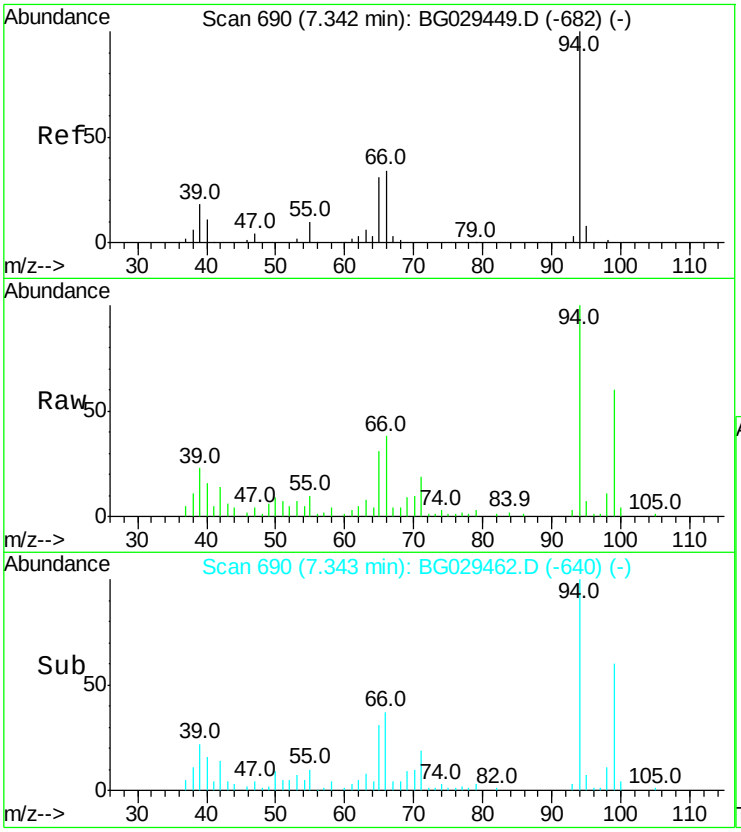
Instrument :
BNA_G
ClientSampleId :

Quant Time: Oct 26 07:03:16 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 24 23:55:53 2017
Response via : Initial Calibration



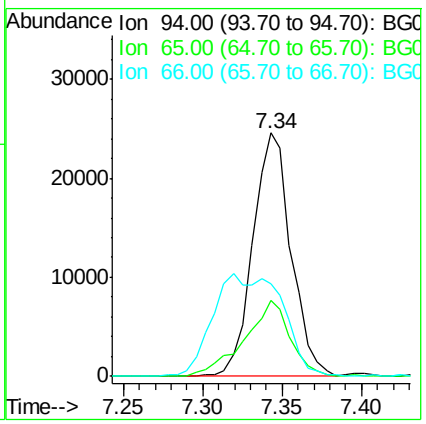


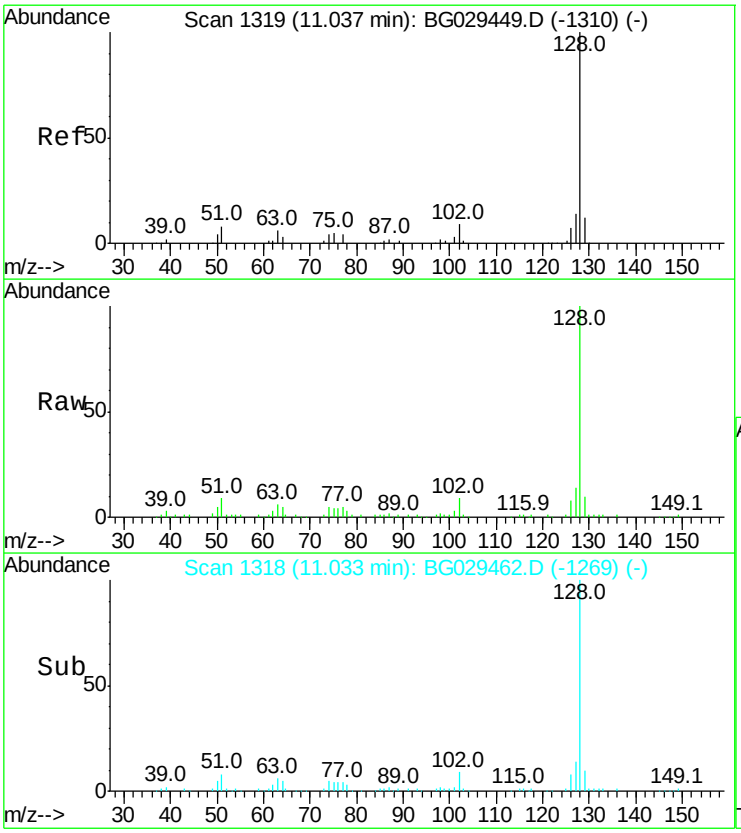
#6
Phenol
Concen: 4.085 ng/ul
RT: 7.34 min Scan# 690
Delta R.T. -0.01 min
Lab File: BG029462.D
Acq: 26 Oct 2017 3:56

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 94 Resp: 41109

Ion	Ratio	Lower	Upper
94	100		
65	31.2	27.1	40.7
66	38.0	34.6	52.0

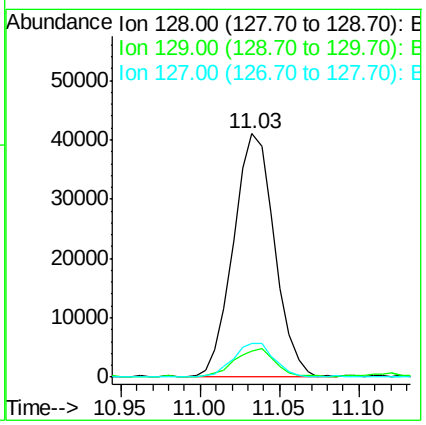


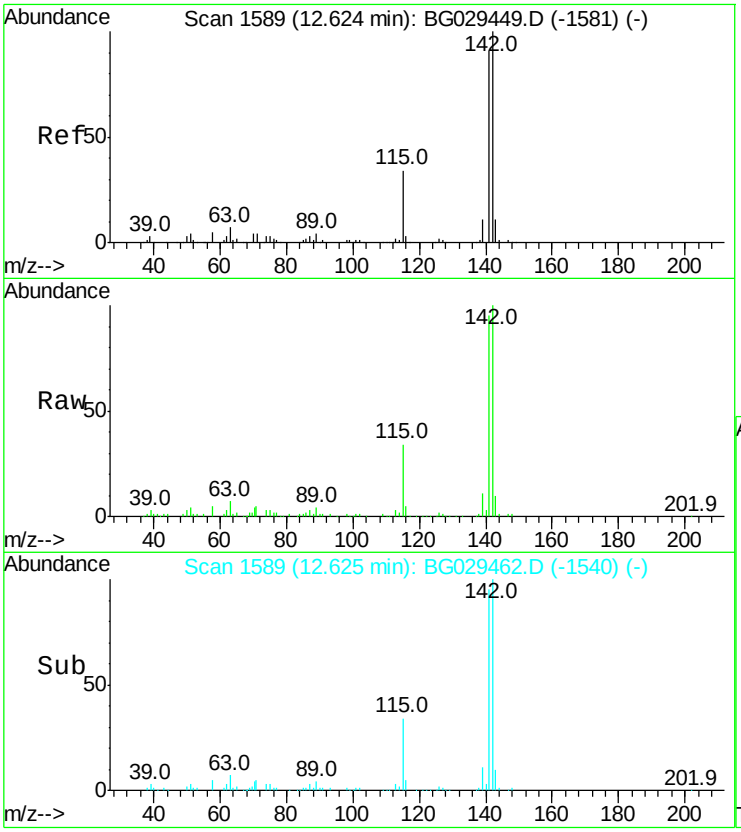


#28
Naphthalene
Concen: 2.977 ng/ul
RT: 11.03 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BG029462.D
Acq: 26 Oct 2017 3:56

Tgt Ion:128 Resp: 73926

Ion	Ratio	Lower	Upper
128	100		
129	10.5	9.3	13.9
127	13.9	10.7	16.1



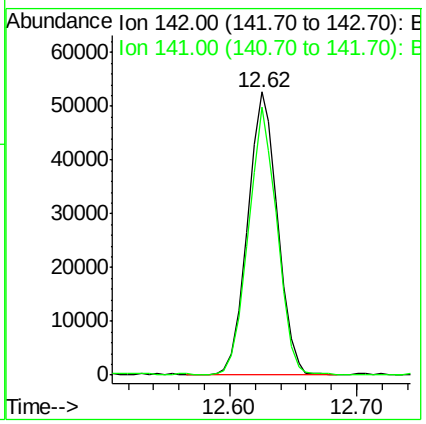


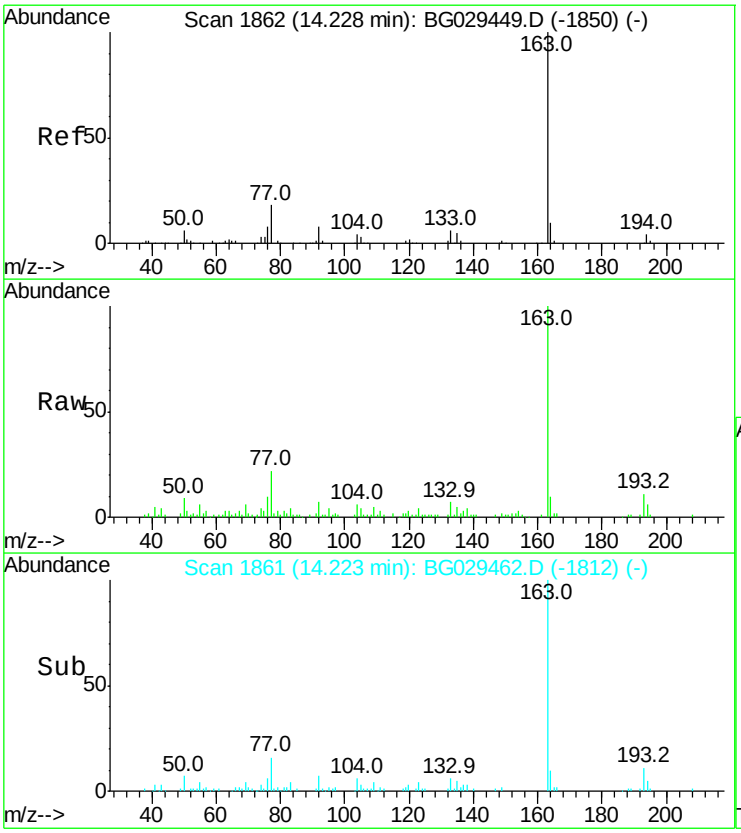
#34
2-Methylnaphthalene
Concen: 4.217 ng/ul
RT: 12.62 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BG029462.D
Acq: 26 Oct 2017 3:56

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:142 Resp: 86683

Ion	Ratio	Lower	Upper
142	100		
141	94.8	75.4	113.0

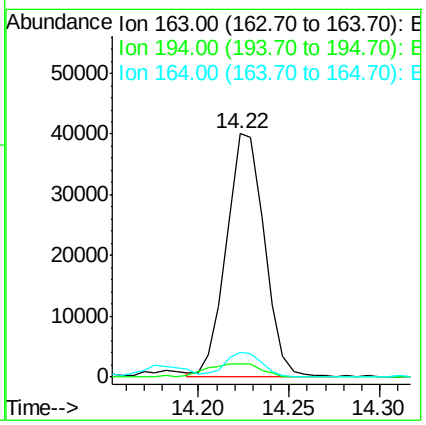


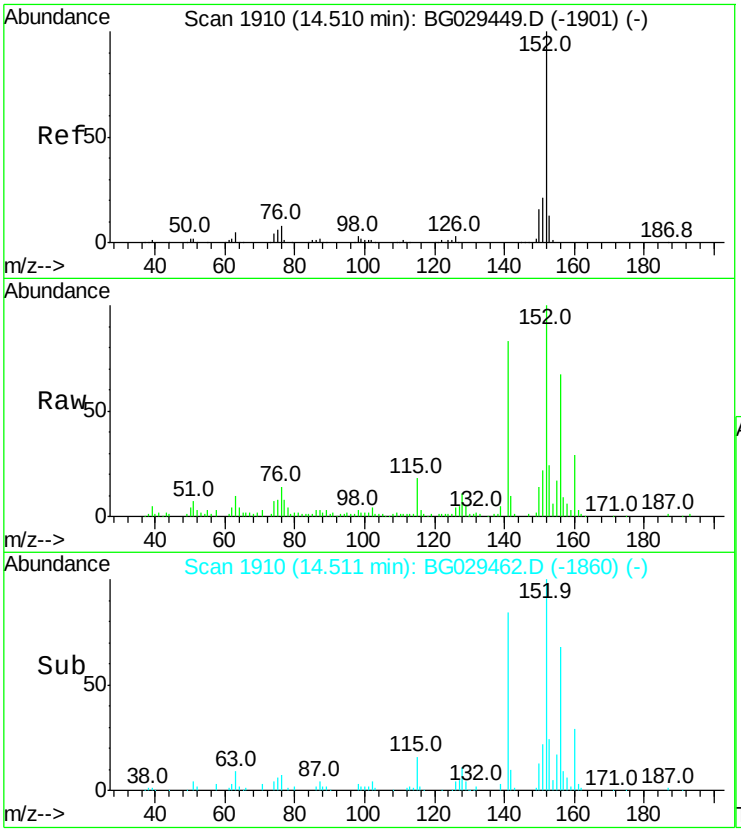


#44
Dimethylphthalate
Concen: 2.368 ng/ul
RT: 14.22 min Scan# 1861
Delta R.T. -0.01 min
Lab File: BG029462.D
Acq: 26 Oct 2017 3:56

Tgt Ion:163 Resp: 58559

Ion	Ratio	Lower	Upper
163	100		
194	5.6	3.5	5.3#
164	10.4	7.6	11.4



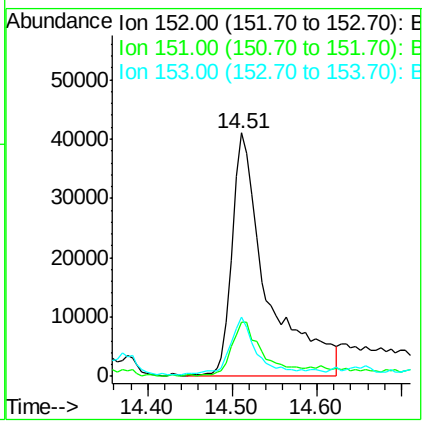


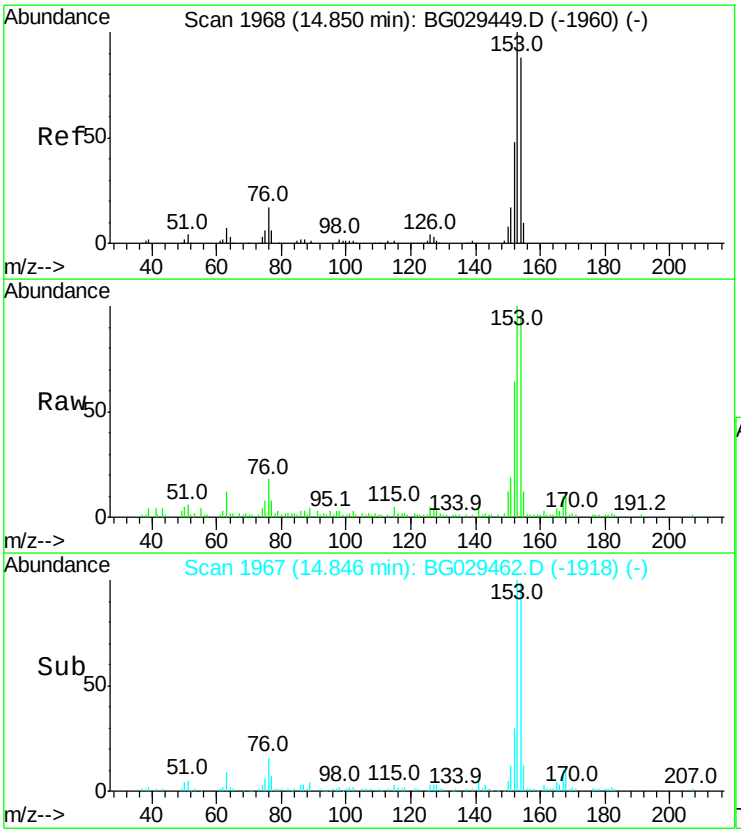
#47
Acenaphthylene
Concen: 3.760 ng/ul
RT: 14.51 min Scan# 1910
Delta R.T. -0.01 min
Lab File: BG029462.D
Acq: 26 Oct 2017 3:56

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 118231

Ion	Ratio	Lower	Upper
152	100		
151	22.4	15.2	22.8
153	24.2	10.2	15.4#

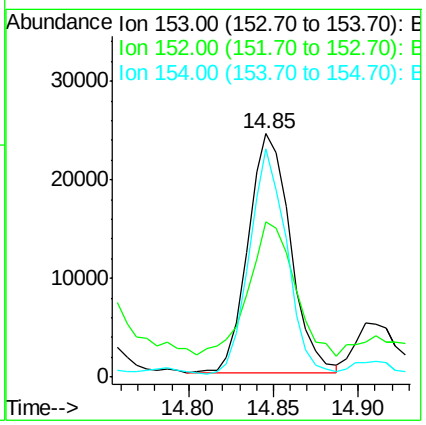


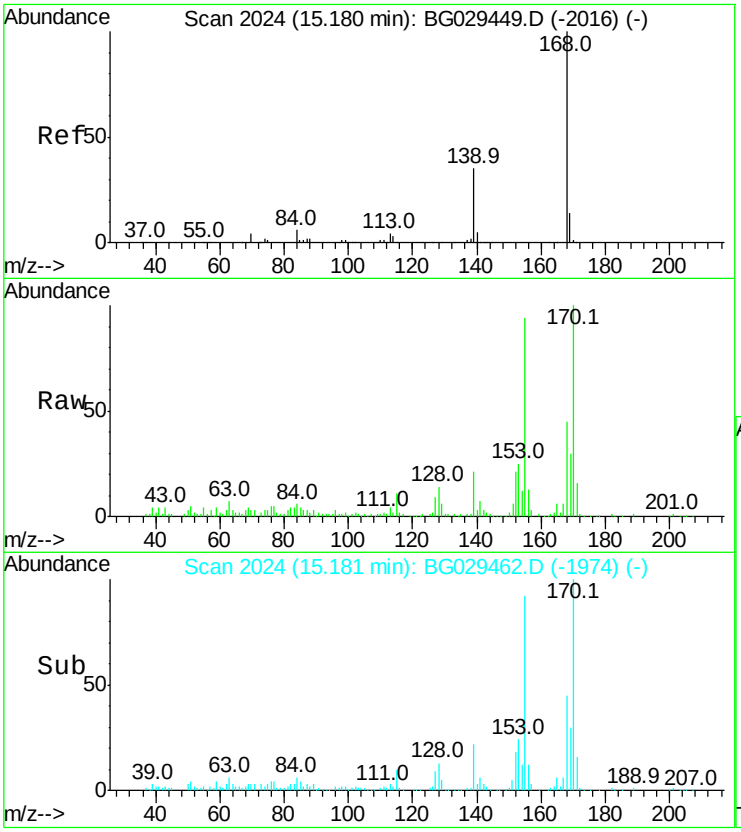


#49
Acenaphthene
Concen: 1.965 ng/ul
RT: 14.85 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BG029462.D
Acq: 26 Oct 2017 3:56

Tgt Ion:153 Resp: 42284

Ion	Ratio	Lower	Upper
153	100		
152	63.8	38.2	57.2#
154	93.7	70.6	105.8



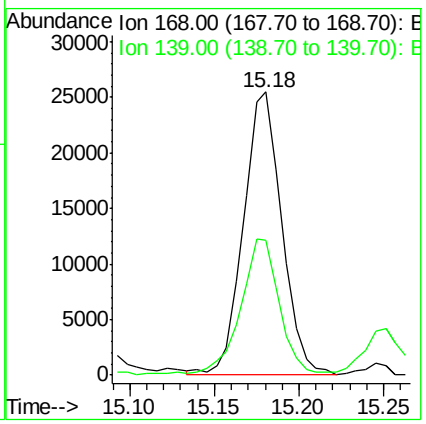


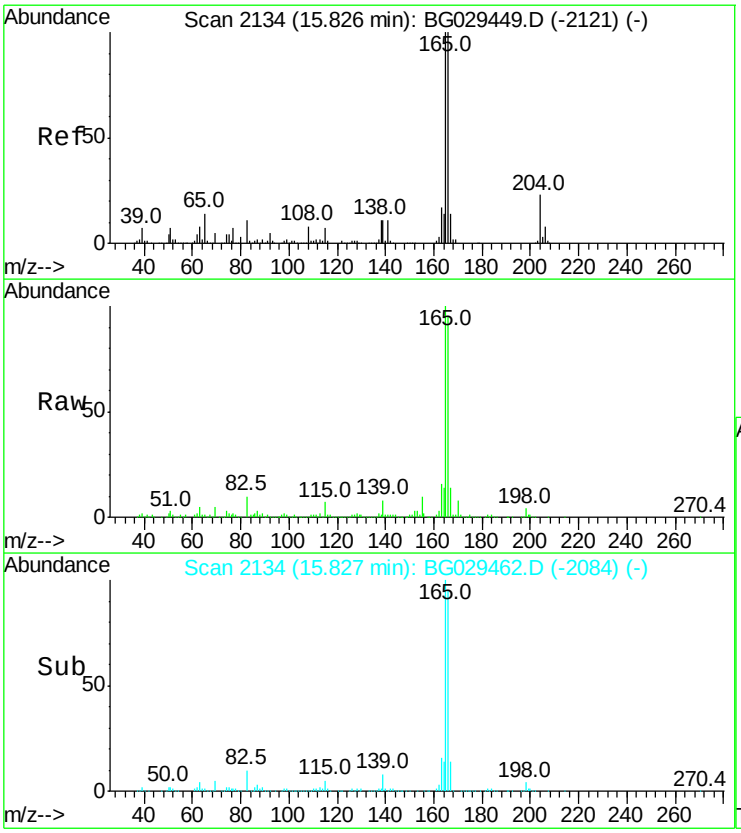
#53
Dibenzofuran
Concen: 1.367 ng/ul
RT: 15.18 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BG029462.D
Acq: 26 Oct 2017 3:56

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:168 Resp: 40194

Ion	Ratio	Lower	Upper
168	100		
139	47.5	31.4	47.2#

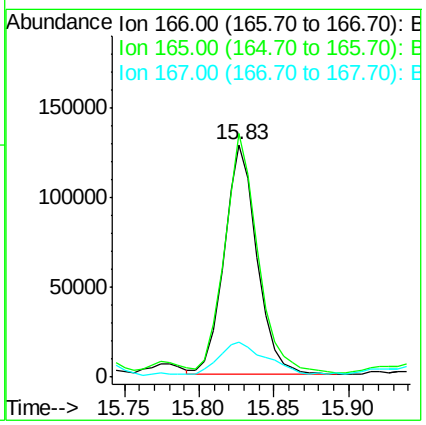


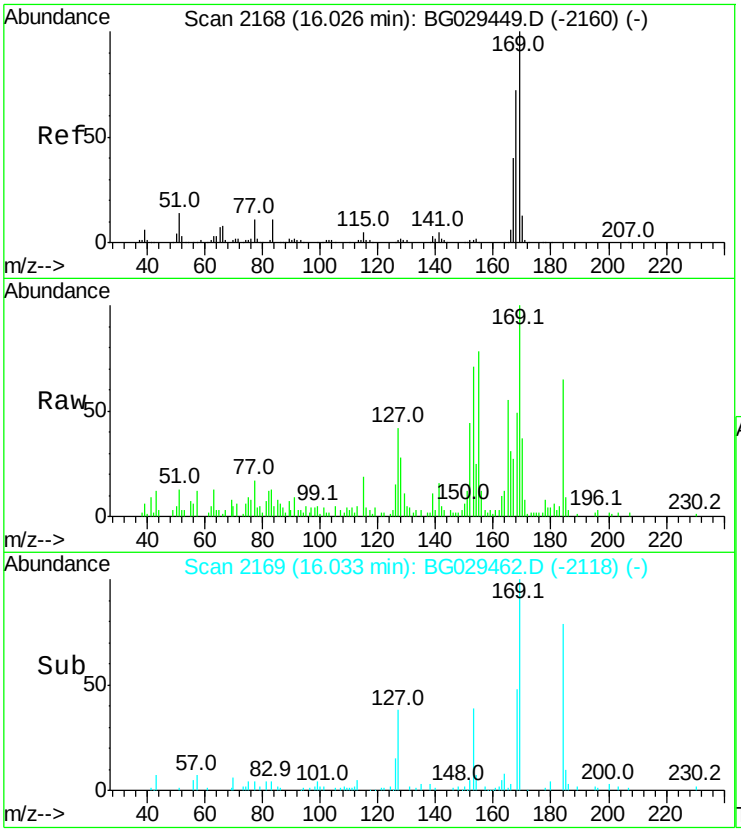


#58
Fluorene
Concen: 8.352 ng/ul
RT: 15.83 min Scan# 2134
Delta R.T. -0.01 min
Lab File: BG029462.D
Acq: 26 Oct 2017 3:56

Tgt Ion:166 Resp: 195986

Ion	Ratio	Lower	Upper
166	100		
165	104.9	79.9	119.9
167	14.9	10.6	16.0



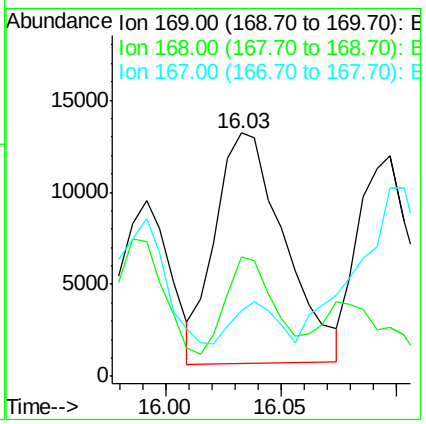


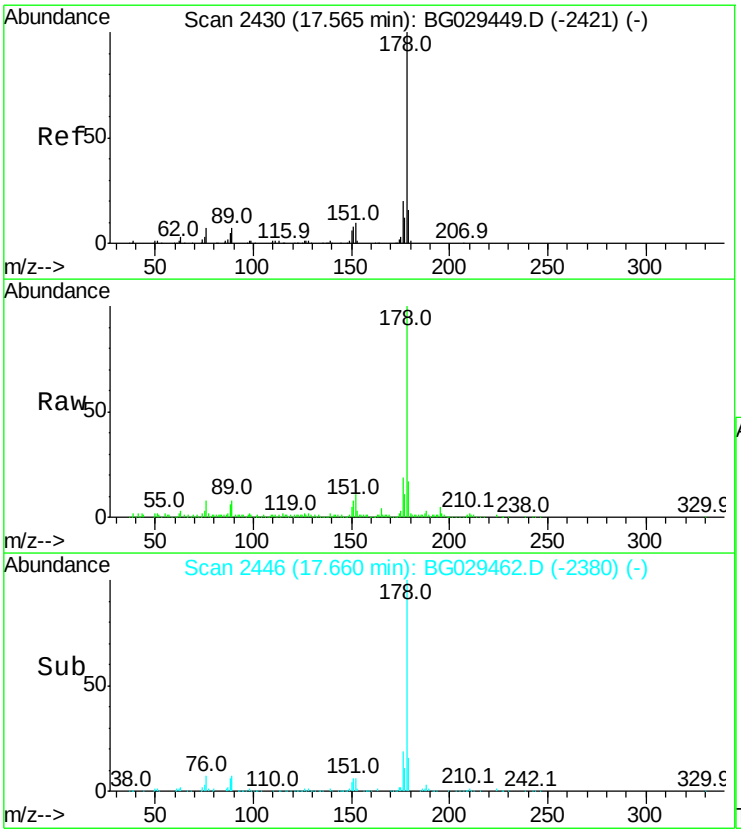
#64
N-Nitrosodiphenylamine
Concen: 1.364 ng/ul
RT: 16.03 min Scan# 2169
Delta R.T. -0.00 min
Lab File: BG029462.D
Acq: 26 Oct 2017 3:56

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:169 Resp: 26145

Ion	Ratio	Lower	Upper
169	100		
168	48.9	54.1	81.1#
167	26.9	30.0	45.0#

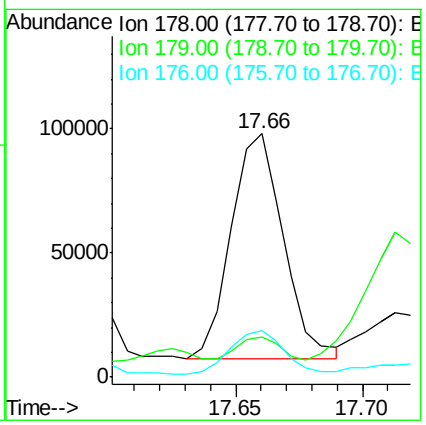


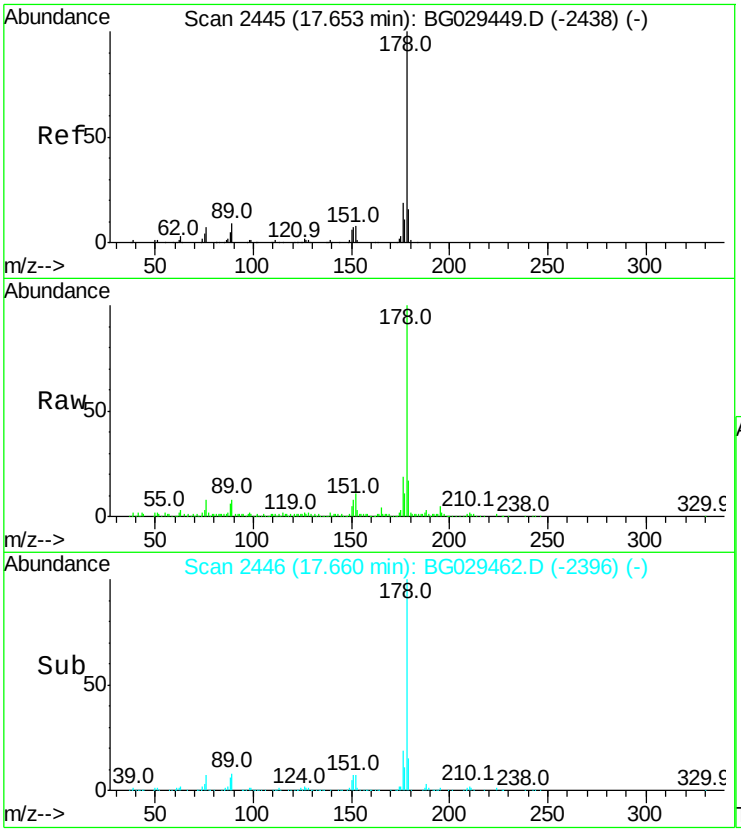


#69
Phenanthrene
Concen: 3.752 ng/ul
RT: 17.66 min Scan# 2446
Delta R.T. 0.09 min
Lab File: BG029462.D
Acq: 26 Oct 2017 3:56

Tgt Ion:178 Resp: 130400

Ion	Ratio	Lower	Upper
178	100		
179	16.6	13.0	19.6
176	19.3	15.3	22.9



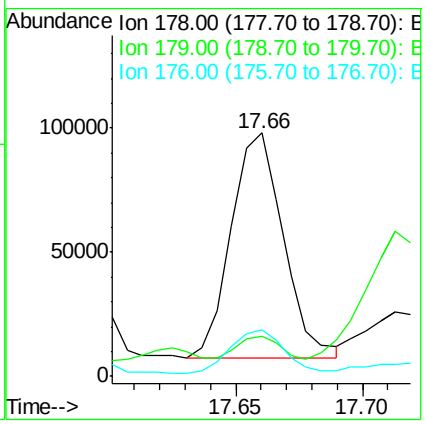


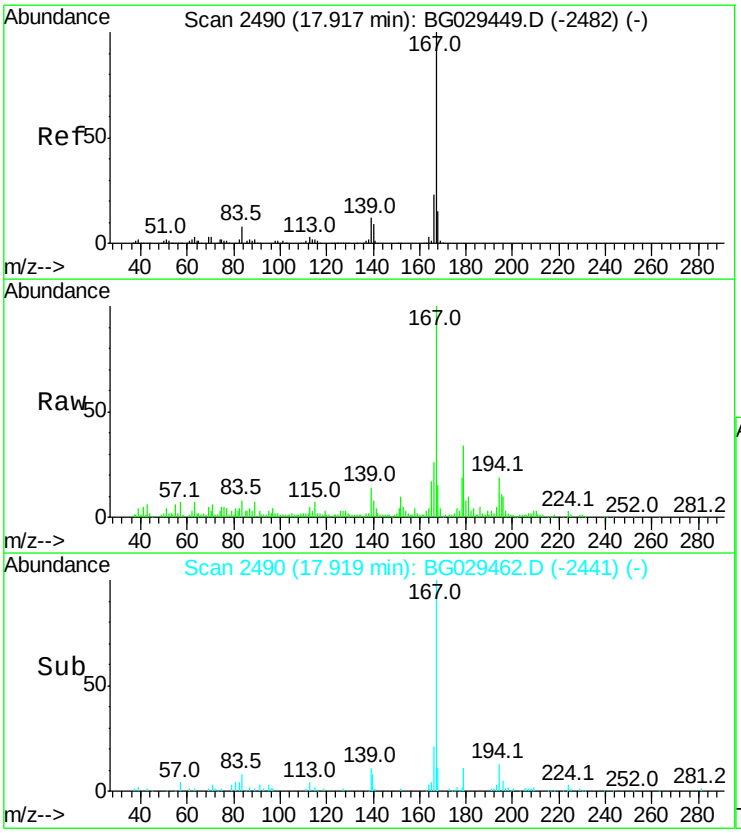
#71
Anthracene
Concen: 3.623 ng/ul
RT: 17.66 min Scan# 2446
Delta R.T. -0.01 min
Lab File: BG029462.D
Acq: 26 Oct 2017 3:56

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 129902

Ion	Ratio	Lower	Upper
178	100		
179	16.6	13.2	19.8
176	19.3	16.0	24.0

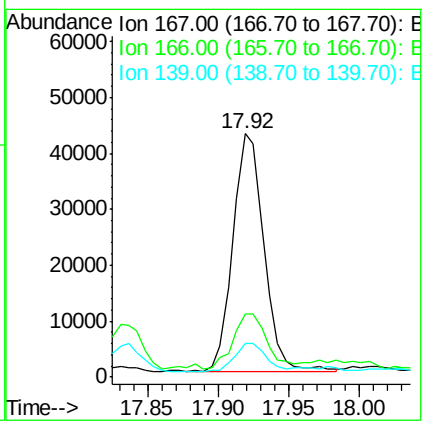


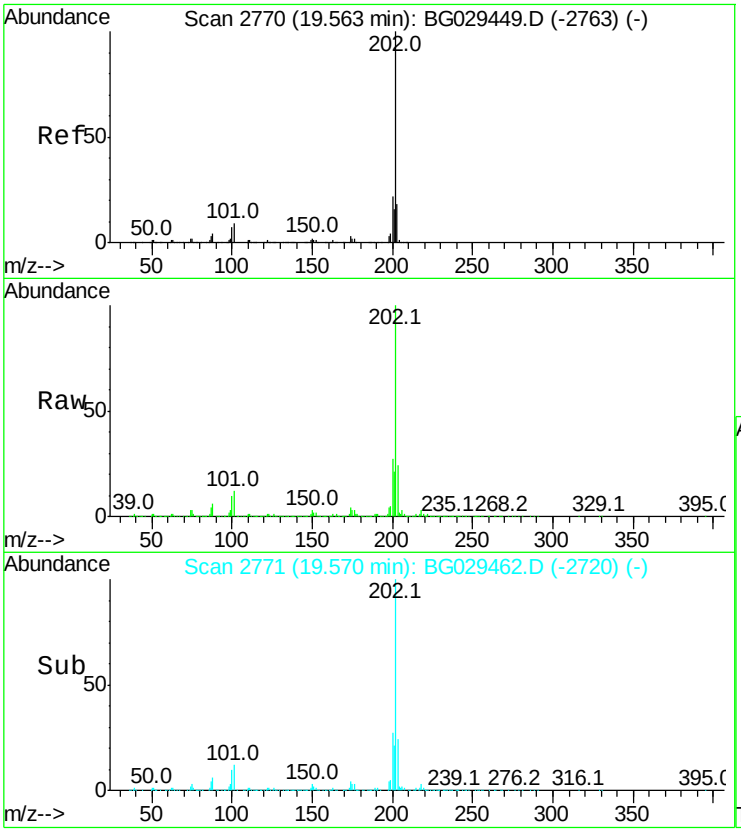


#72
Carbazole
Concen: 2.037 ng/ul
RT: 17.92 min Scan# 2490
Delta R.T. -0.01 min
Lab File: BG029462.D
Acq: 26 Oct 2017 3:56

Tgt Ion:167 Resp: 65648

Ion	Ratio	Lower	Upper
167	100		
166	26.1	18.6	28.0
139	13.6	10.6	16.0



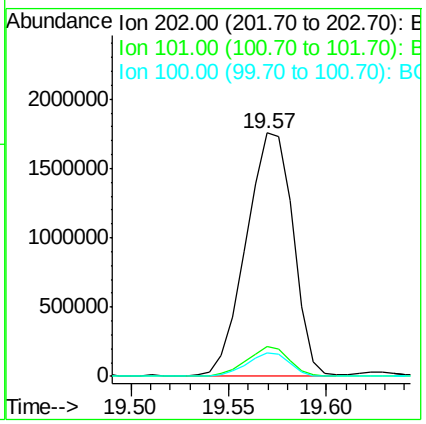


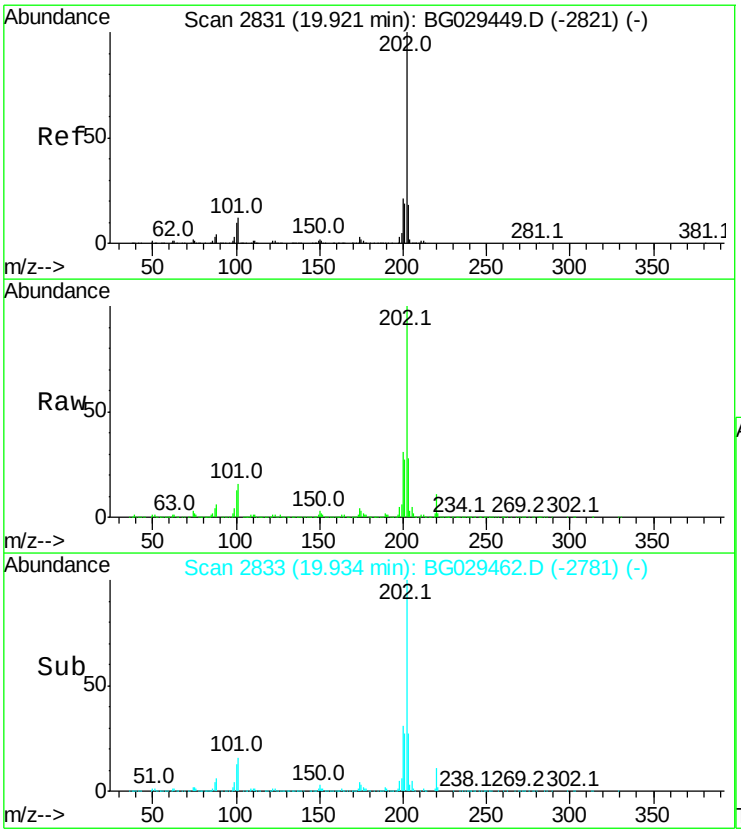
#74
Fluoranthene
Concen: 74.700 ng/ul
RT: 19.57 min Scan# 2771
Delta R.T. -0.00 min
Lab File: BG029462.D
Acq: 26 Oct 2017 3:56

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 2901227

Ion	Ratio	Lower	Upper
202	100		
101	12.3	7.4	11.2#
100	9.9	5.6	8.4#

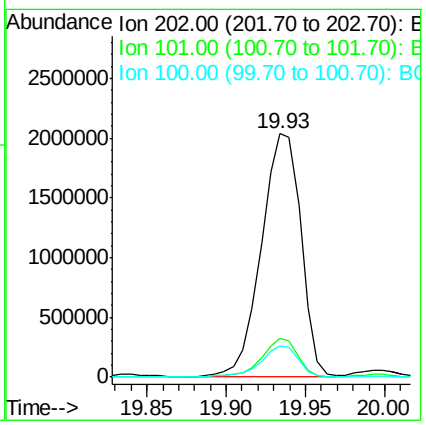


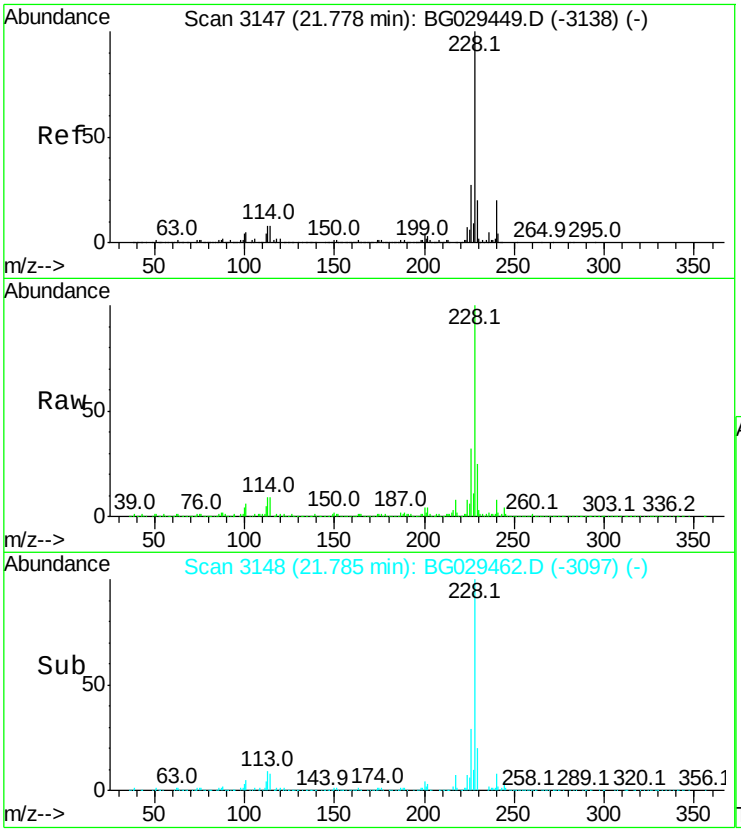


#77
Pyrene
Concen: 76.033 ng/ul
RT: 19.93 min Scan# 2833
Delta R.T. 0.01 min
Lab File: BG029462.D
Acq: 26 Oct 2017 3:56

Tgt Ion:202 Resp: 3509111

Ion	Ratio	Lower	Upper
202	100		
101	16.1	8.4	12.6#
100	13.1	7.0	10.6#



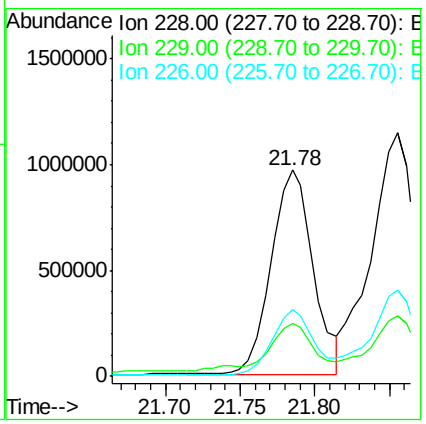


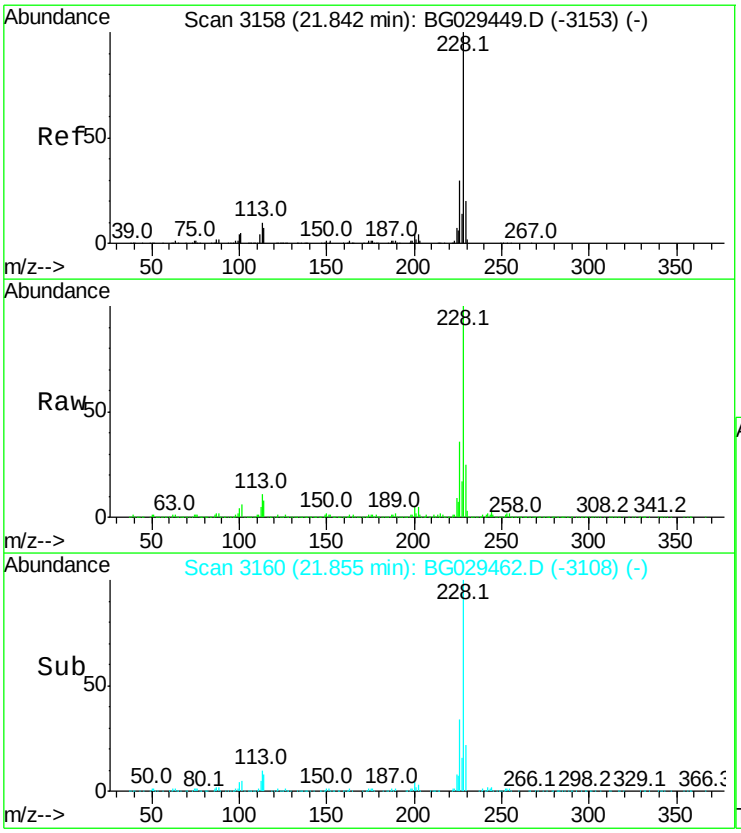
#80
Benzo(a)anthracene
Concen: 43.833 ng/ul
RT: 21.78 min Scan# 3148
Delta R.T. -0.00 min
Lab File: BG029462.D
Acq: 26 Oct 2017 3:56

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 1891680

Ion	Ratio	Lower	Upper
228	100		
229	25.4	16.2	24.4#
226	32.2	22.2	33.2

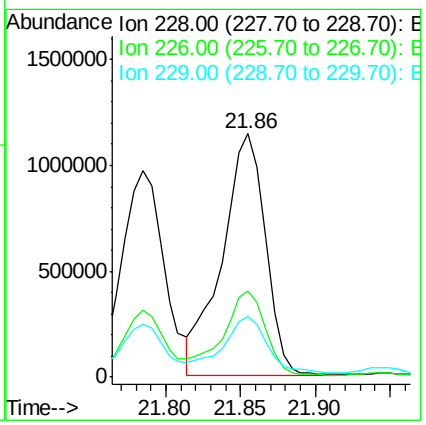


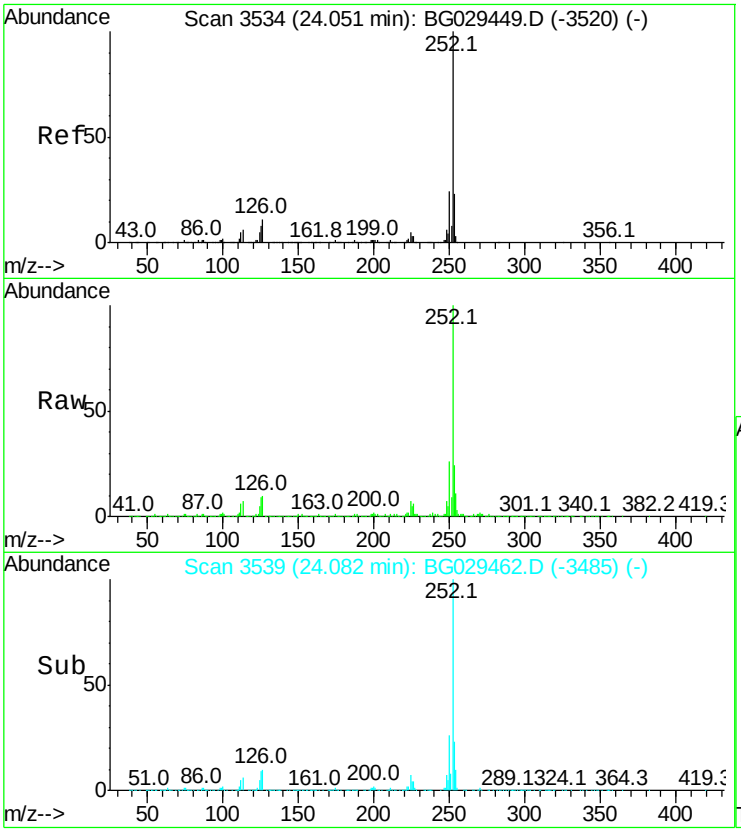


#82
Chrysene
Concen: 58.757 ng/ul
RT: 21.86 min Scan# 3160
Delta R.T. 0.01 min
Lab File: BG029462.D
Acq: 26 Oct 2017 3:56

Tgt Ion:228 Resp: 2303972

Ion	Ratio	Lower	Upper
228	100		
226	35.6	24.2	36.2
229	24.9	15.2	22.8#



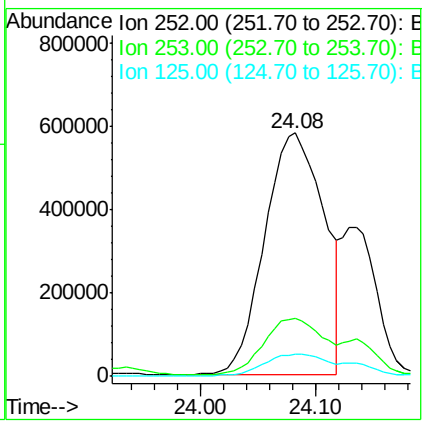


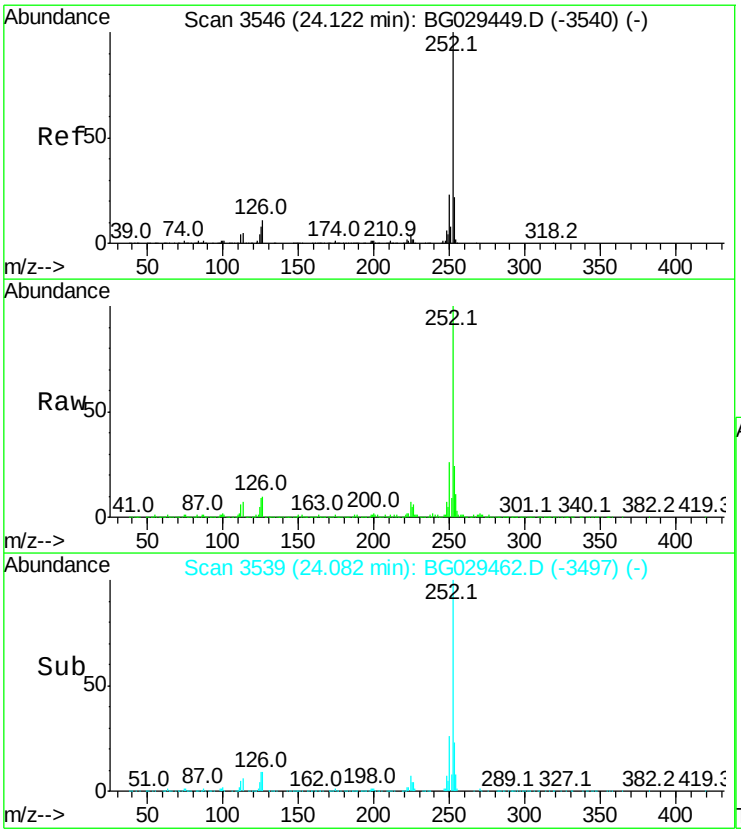
#85
Benzo(b)fluoranthene
Concen: 23.924 ng/ul
RT: 24.08 min Scan# 3539
Delta R.T. 0.02 min
Lab File: BG029462.D
Acq: 26 Oct 2017 3:56

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 2074410

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.0	25.4
125	9.1	7.5	11.3

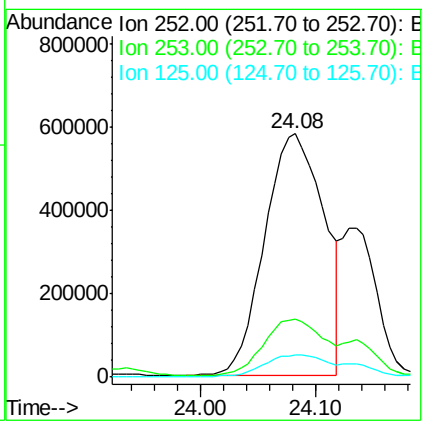


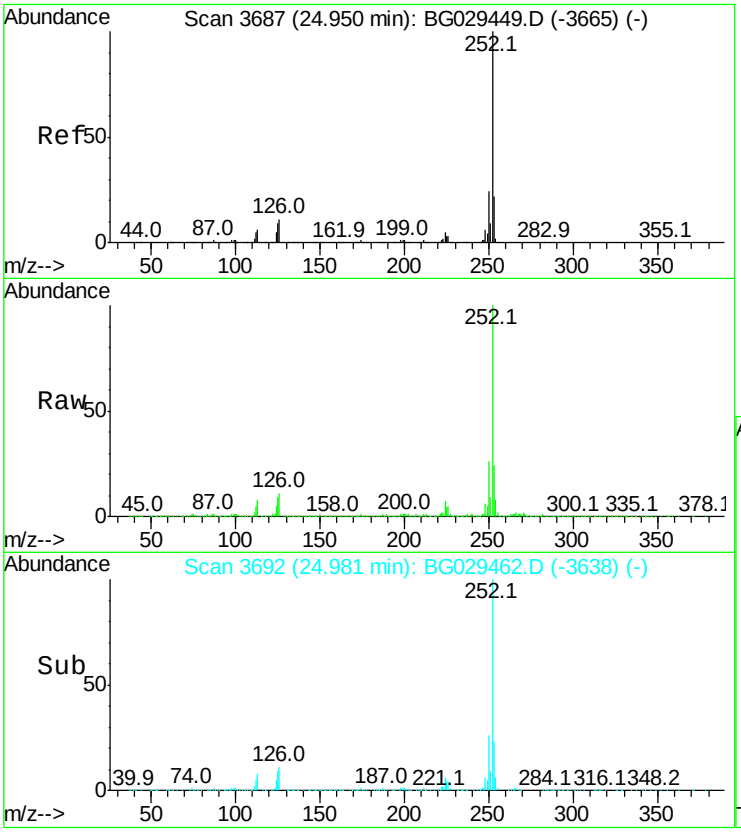


#86
Benzo(k)fluoranthene
Concen: 24.744 ng/ul
RT: 24.08 min Scan# 3539
Delta R.T. -0.05 min
Lab File: BG029462.D
Acq: 26 Oct 2017 3:56

Tgt Ion:252 Resp: 2074410

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.2	25.8
125	9.1	7.8	11.8



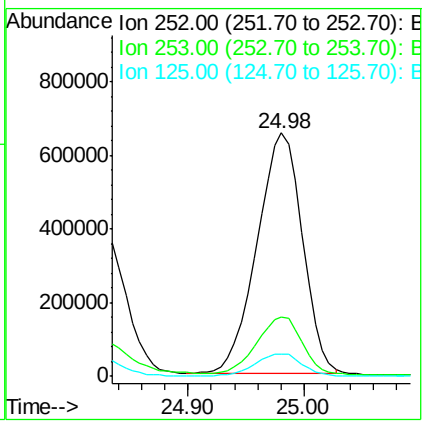


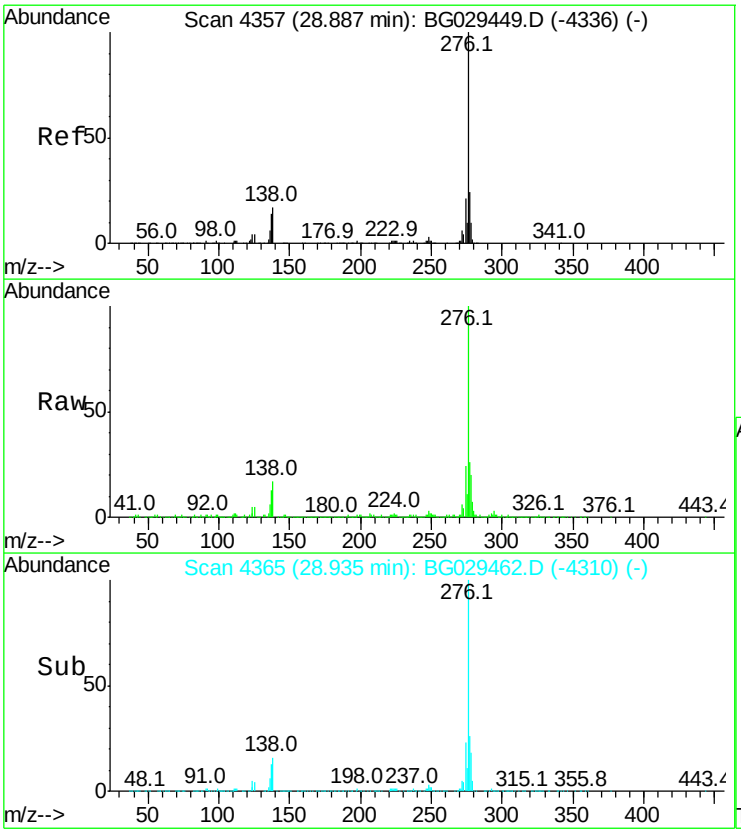
#88
Benzo(a)pyrene
Concen: 21.062 ng/ul
RT: 24.98 min Scan# 3692
Delta R.T. 0.02 min
Lab File: BG029462.D
Acq: 26 Oct 2017 3:56

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 1777635

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.1	25.7
125	9.3	7.8	11.8





#89
Indeno(1,2,3-cd)pyrene
Concen: 7.613 ng/ul
RT: 28.94 min Scan# 4365
Delta R.T. 0.02 min
Lab File: BG029462.D
Acq: 26 Oct 2017 3:56

Tgt Ion:276 Resp: 726964

Ion	Ratio	Lower	Upper
276	100		
138	16.8	13.4	20.0
277	25.9	18.6	28.0