Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101517\
Data File : BG029235.D
Acq On : 14 Oct 2017 22:53
Operator : SJ/JU
Sample : I5548-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Oct 15 01:41:49 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Oct 15 01:38:25 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	112968	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	515813	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	305469	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	638349	20.00	ng/ul	0.00
75) Chrysene-d12	21.80	240	558116	20.00	ng/ul	0.00
83) Perylene-d12	25.11	264	557115	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.55	96	11312	4.07	ng/uL	0.00
5) Phenol-d5	7.32	99	224184	20.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	147254	21.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	168950	22.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	148935	17.01	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	89571	24.19	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	95132	25.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	181162	20.95	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	176489	17.57	ng/ul	0.00
43) Dimethylphthalate-d6	14.19	166	571023	21.87	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	720668	22.69	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	75821	15.73	ng/ul	0.00
57) Fluorene-d10	15.78	176	496988	23.24	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.89	200	52822	16.95	ng/ul	0.00
70) Anthracene-d10	17.63	188	679975	22.52	ng/ul	0.00
76) Pyrene-d10	19.90	212	680907	23.57	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.89	264	582719	22.08	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	7.35	94	16678	1.49	ng/ul#	85
28) Naphthalene	11.04	128	85718	3.14	ng/ul	98
30) 4-Chloroaniline	11.04	127	11668	1.19	ng/ul#	3
34) 2-Methylnaphthalene	12.63	142	31294	1.39	ng/ul	88
44) Dimethylphthalate	14.23	163	226347	8.89	ng/ul#	97
49) Acenaphthene	14.85	153	134931	6.09	ng/ul	96
53) Dibenzofuran	15.19	168	103339	3.41	ng/ul	92
58) Fluorene	15.83	166	129122	5.34	ng/ul	97
69) Phenanthrene	17.57	178	1001349	29.02	ng/ul	98
71) Anthracene	17.66	178	277241	7.79	ng/ul	99
72) Carbazole	17.93	167	145927	4.56	ng/ul	99
74) Fluoranthene	19.57	202	1141331	29.59	ng/ul#	88
77) Pyrene	19.93	202	873713	23.36	ng/ul#	90
80) Benzo(a)anthracene	21.78	228	545454	15.59	ng/ul	98
82) Chrysene	21.85	228	461332	14.52	ng/ul	96
85) Benzo(b)fluoranthene	24.06	252	570230	17.05	ng/ul#	93
86) Benzo(k)fluoranthene	24.12	252	184157	5.69	ng/ul#	92
88) Benzo(a)pyrene	24.96	252	374417	11.50	ng/ul#	93
89) Indeno(1,2,3-cd)pyrene	28.89	276	243744	6.62	ng/ul#	92
90) Dibenzo(a,h)anthracene	28.95	278	69743	2.28	ng/ul#	90
91) Benzo(g,h,i)perylene	30.09	276	174658	5.72	ng/ul#	89

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101517\
Data File : BG029235.D
Acq On : 14 Oct 2017 22:53
Operator : SJ/JU
Sample : I5548-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Oct 15 01:41:49 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Oct 15 01:38:25 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

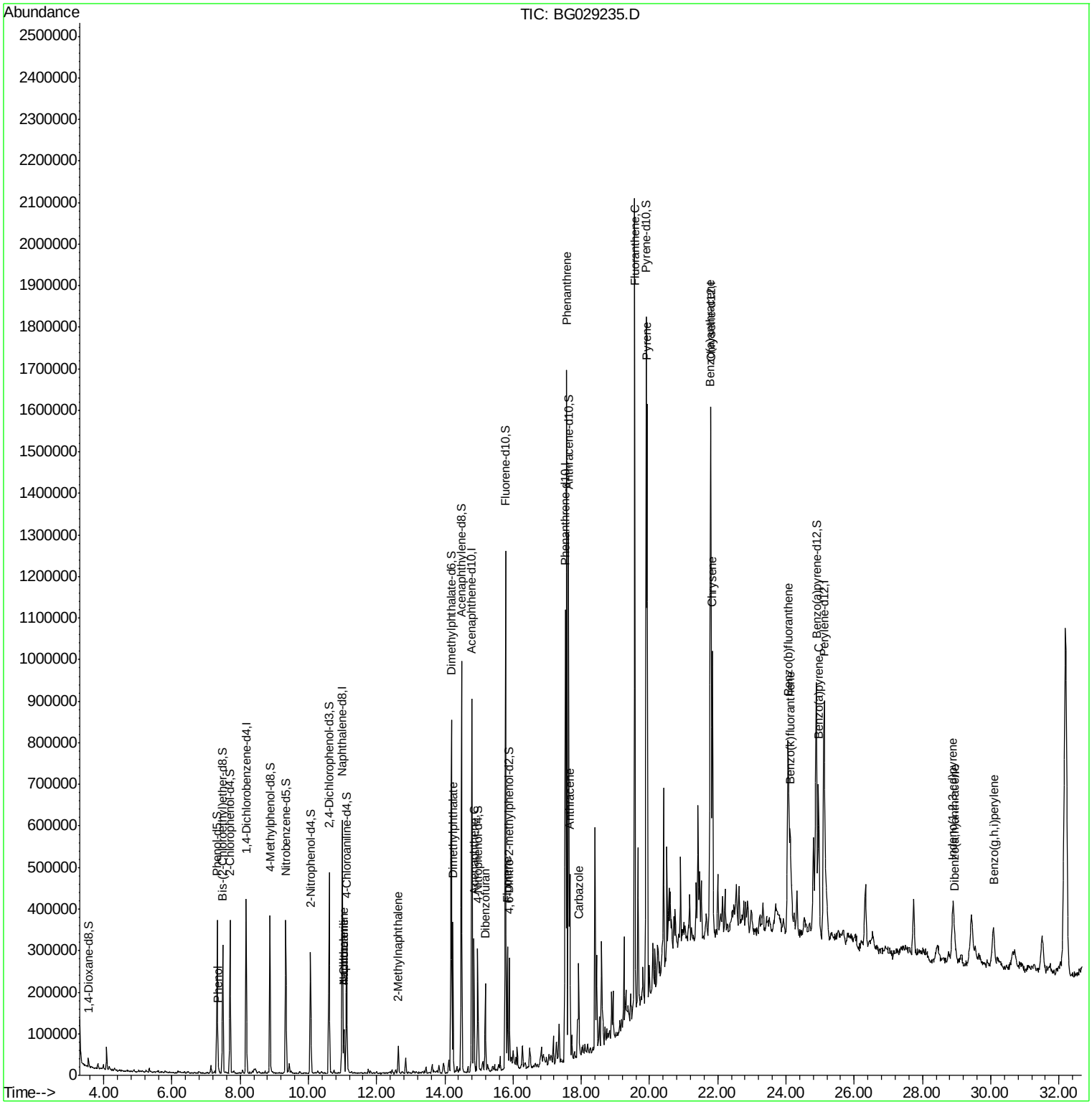
(#) = qualifier out of range (m) = manual integration (+) = signals summed

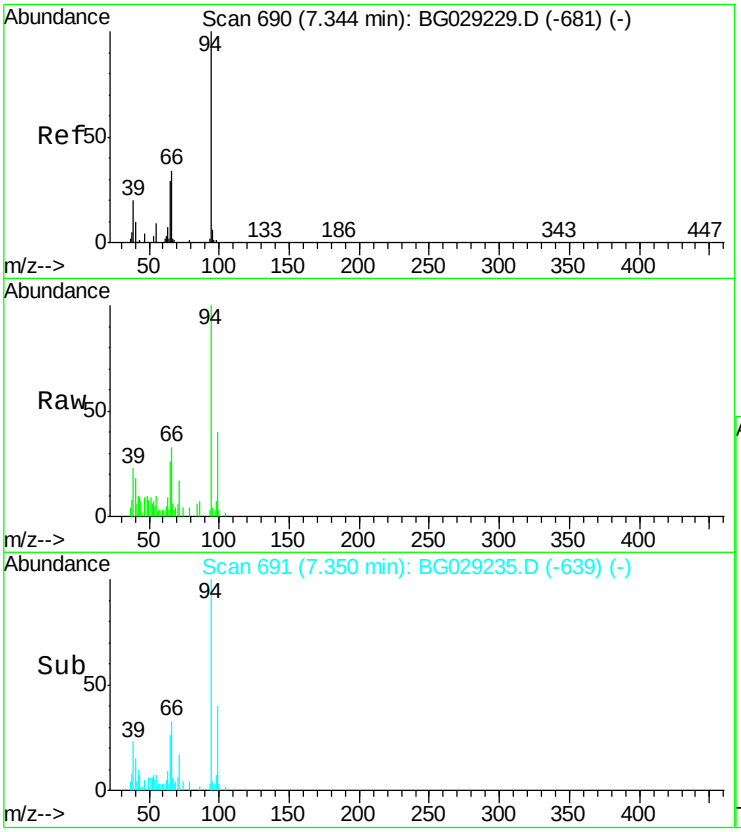
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101517\
Data File : BG029235.D
Acq On : 14 Oct 2017 22:53
Operator : SJ/JU
Sample : I5548-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Oct 15 01:41:49 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Oct 15 01:38:25 2017
Response via : Initial Calibration



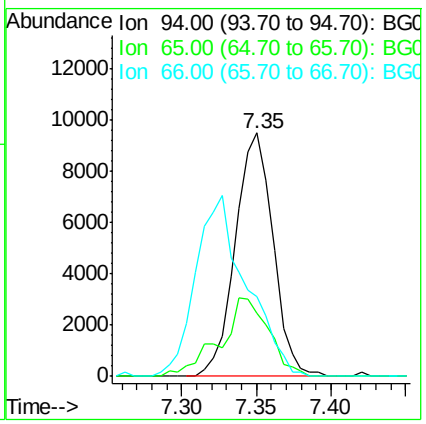


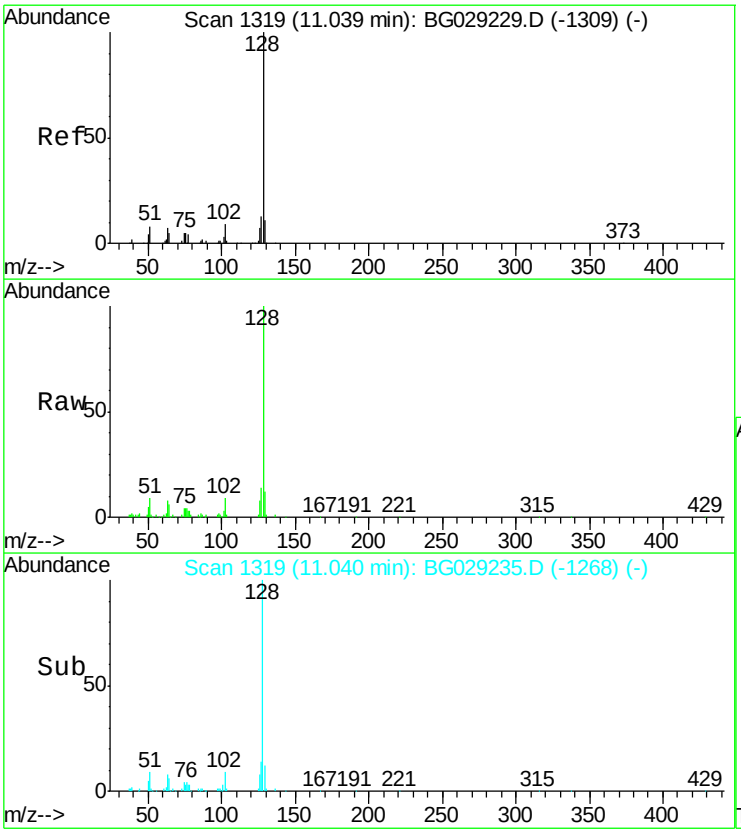
#6
Phenol
Concen: 1.49 ng/ul
RT: 7.35 min Scan# 691
Delta R.T. 0.01 min
Lab File: BG029235.D
Acq: 14 Oct 2017 22:53

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 94 Resp: 16678

Ion	Ratio	Lower	Upper
94	100		
65	25.9	27.1	40.7#
66	32.8	34.6	52.0#

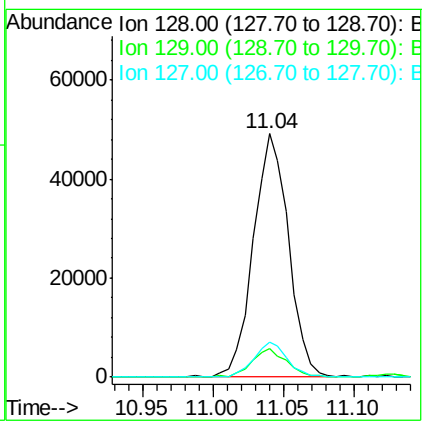


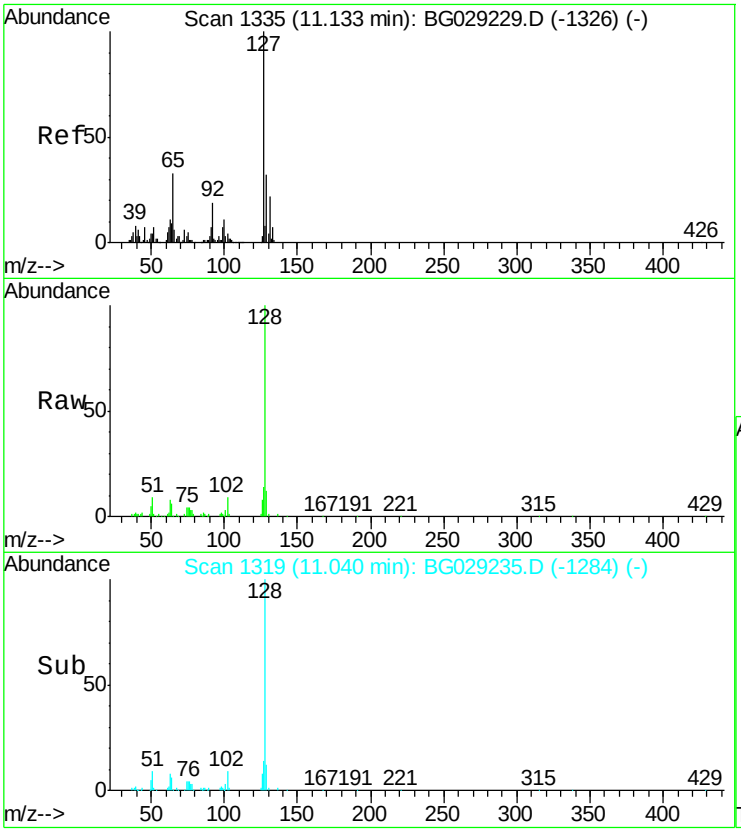


#28
Naphthalene
Concen: 3.14 ng/ul
RT: 11.04 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BG029235.D
Acq: 14 Oct 2017 22:53

Tgt Ion:128 Resp: 85718

Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.3	13.9
127	14.4	10.7	16.1



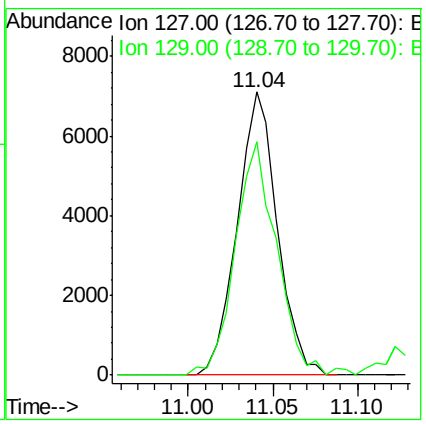


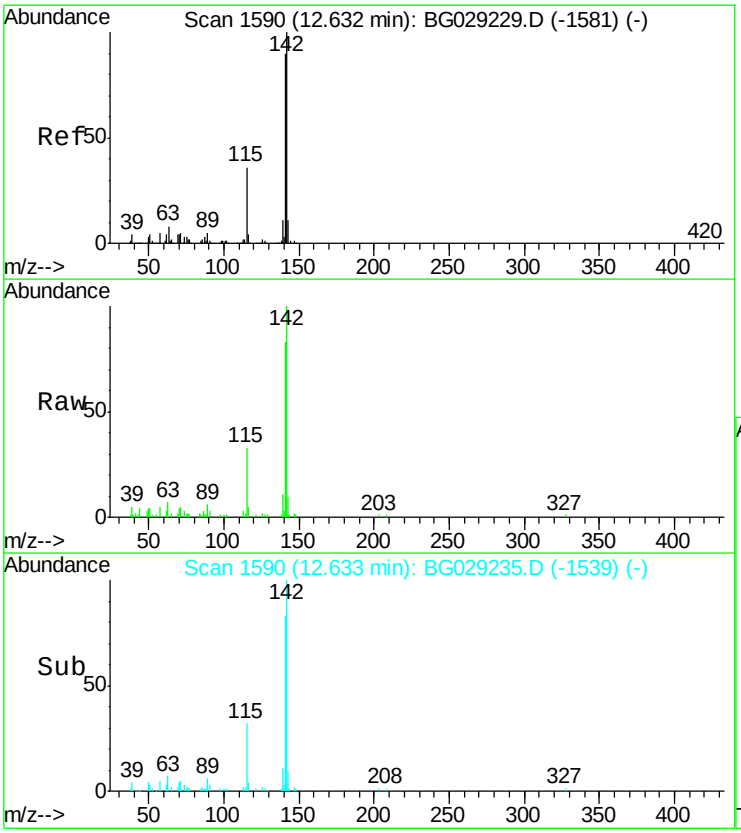
#30
4-Chloroaniline
Concen: 1.19 ng/ul
RT: 11.04 min Scan# 1319
Delta R.T. -0.09 min
Lab File: BG029235.D
Acq: 14 Oct 2017 22:53

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:127 Resp: 11668

Ion	Ratio	Lower	Upper
127	100		
129	82.3	23.9	35.9#

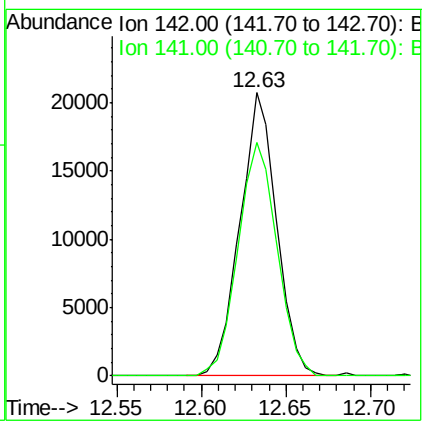


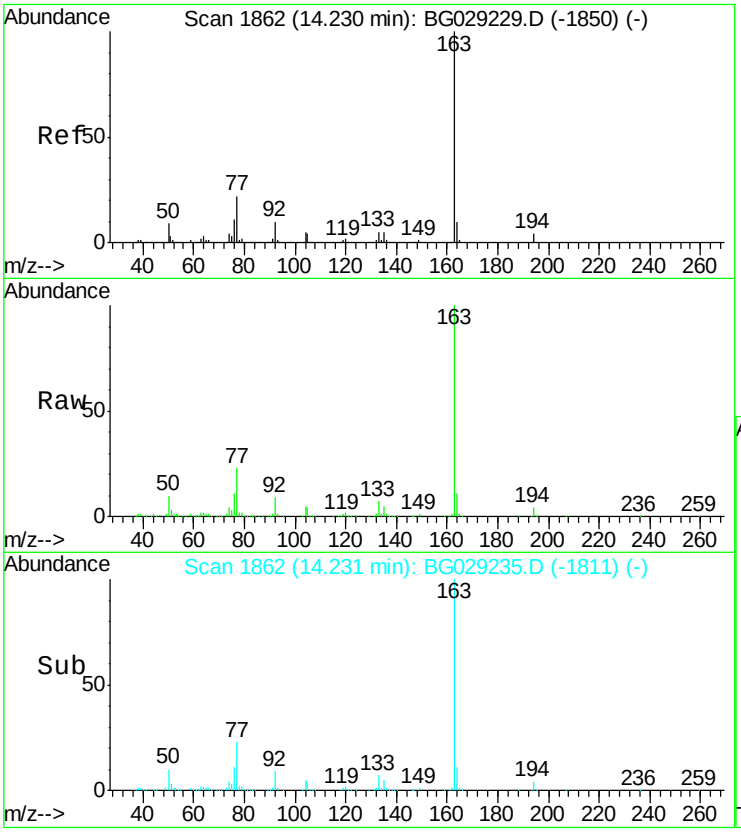


#34
2-Methylnaphthalene
Concen: 1.39 ng/ul
RT: 12.63 min Scan# 1590
Delta R.T. 0.00 min
Lab File: BG029235.D
Acq: 14 Oct 2017 22:53

Tgt Ion:142 Resp: 31294

Ion	Ratio	Lower	Upper
142	100		
141	82.6	75.4	113.0



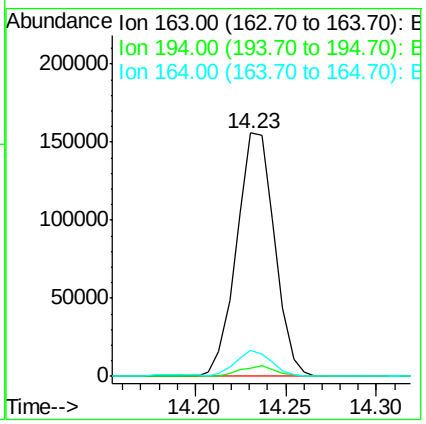


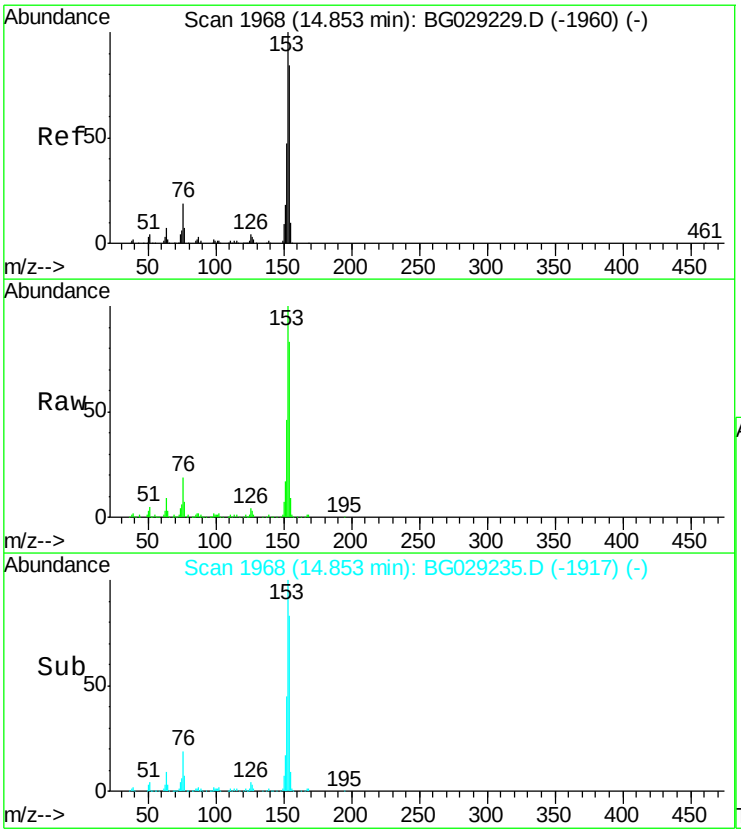
#44
Dimethylphthalate
Concen: 8.89 ng/ul
RT: 14.23 min Scan# 1862
Delta R.T. 0.00 min
Lab File: BG029235.D
Acq: 14 Oct 2017 22:53

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 226347

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.5	5.3#
164	10.7	7.6	11.4

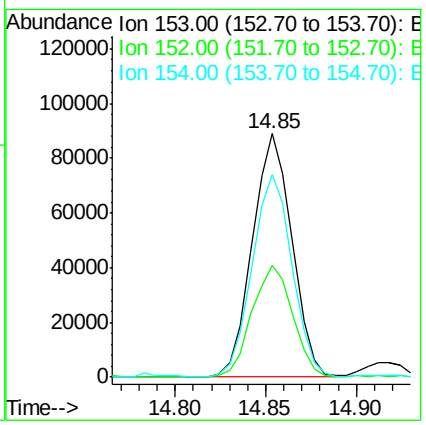


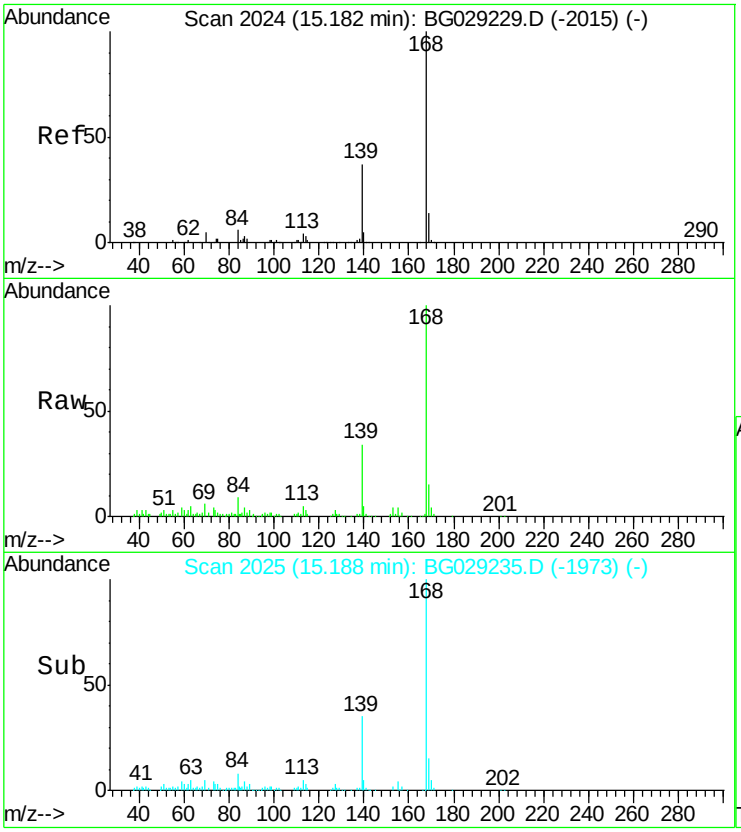


#49
Acenaphthene
Concen: 6.09 ng/ul
RT: 14.85 min Scan# 1968
Delta R.T. 0.00 min
Lab File: BG029235.D
Acq: 14 Oct 2017 22:53

Tgt Ion:153 Resp: 134931

Ion	Ratio	Lower	Upper
153	100		
152	45.8	38.2	57.2
154	83.4	70.6	105.8



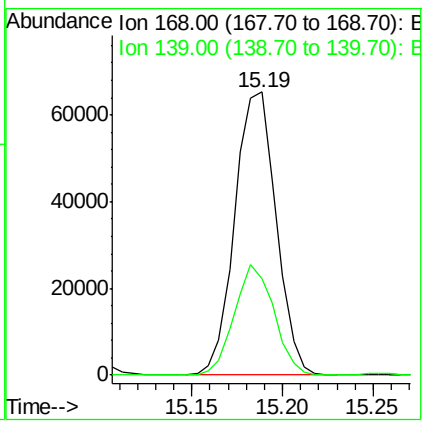


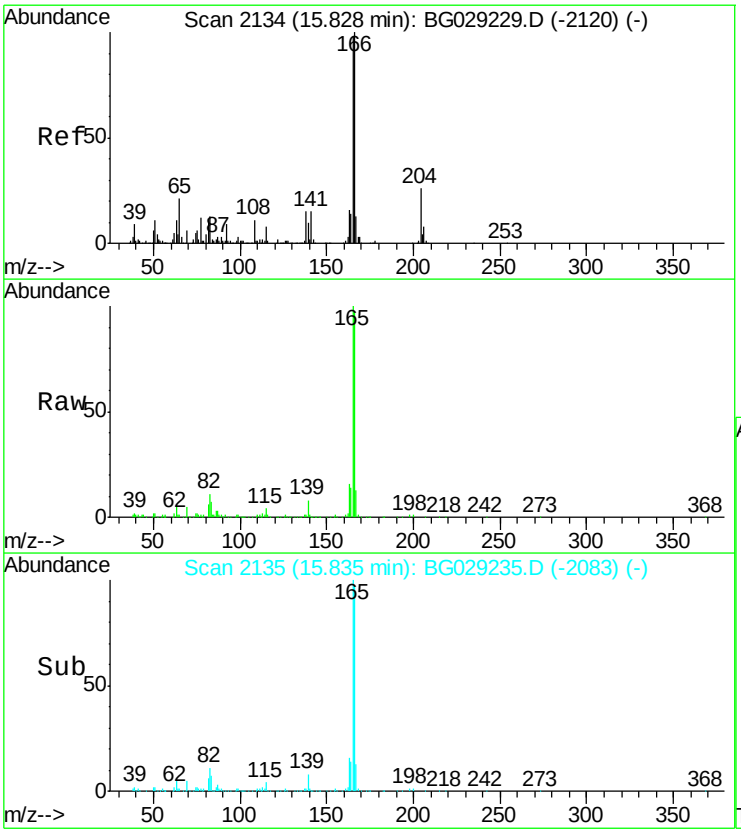
#53
Dibenzofuran
Concen: 3.41 ng/ul
RT: 15.19 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BG029235.D
Acq: 14 Oct 2017 22:53

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:168 Resp: 103339

Ion	Ratio	Lower	Upper
168	100		
139	34.3	31.4	47.2

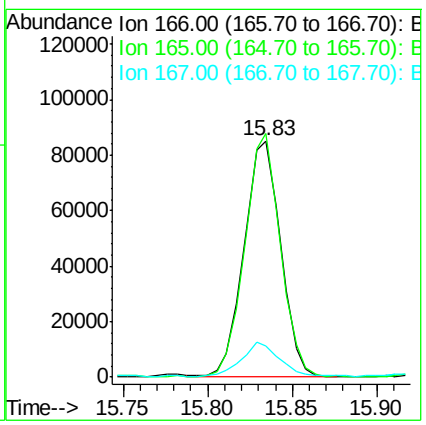


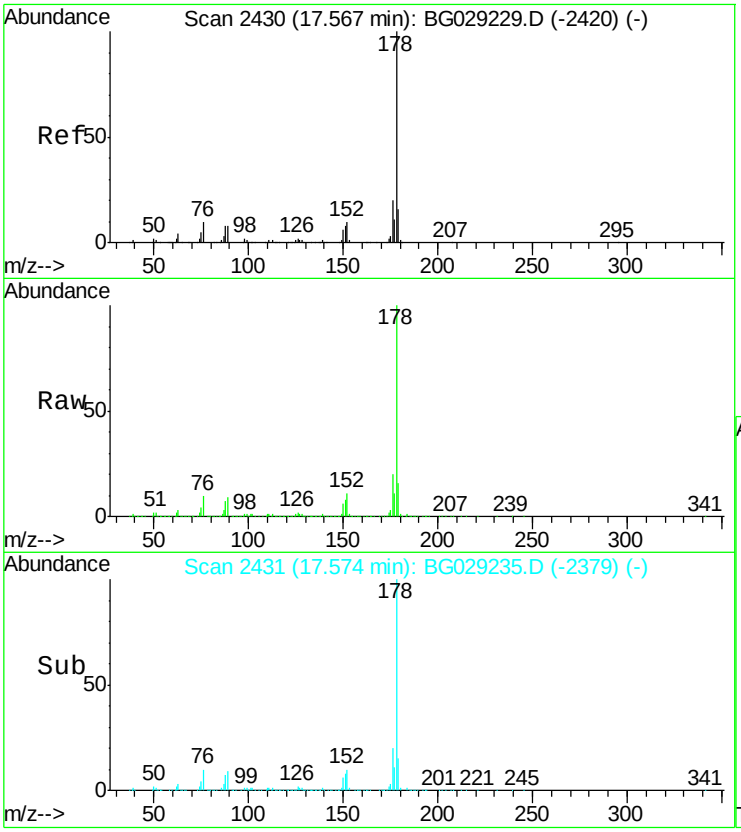


#58
Fluorene
Concen: 5.34 ng/ul
RT: 15.83 min Scan# 2135
Delta R.T. 0.01 min
Lab File: BG029235.D
Acq: 14 Oct 2017 22:53

Tgt Ion:166 Resp: 129122

Ion	Ratio	Lower	Upper
166	100		
165	102.9	79.9	119.9
167	13.1	10.6	16.0



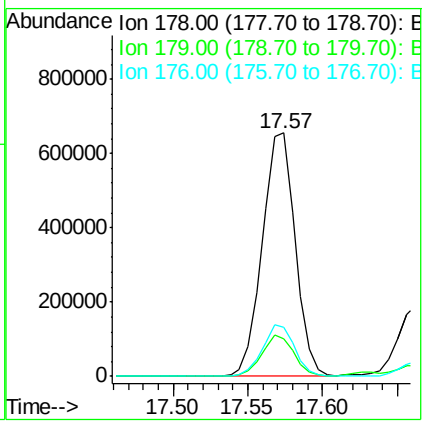


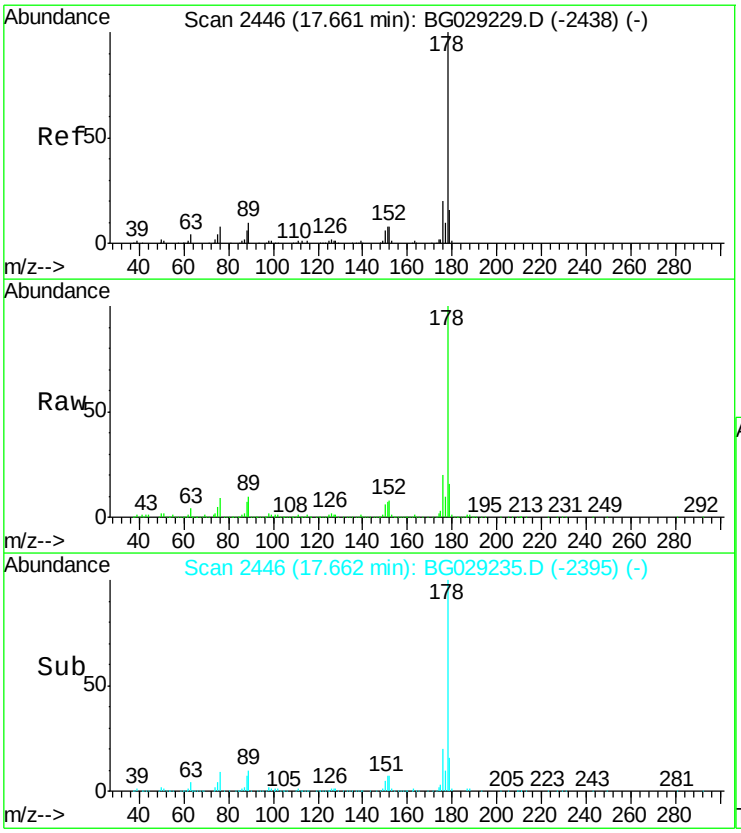
#69
Phenanthrene
Concen: 29.02 ng/ul
RT: 17.57 min Scan# 2431
Delta R.T. 0.01 min
Lab File: BG029235.D
Acq: 14 Oct 2017 22:53

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 1001349

Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.0	19.6
176	20.4	15.3	22.9

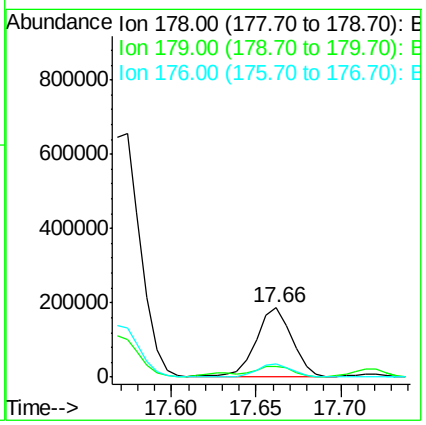


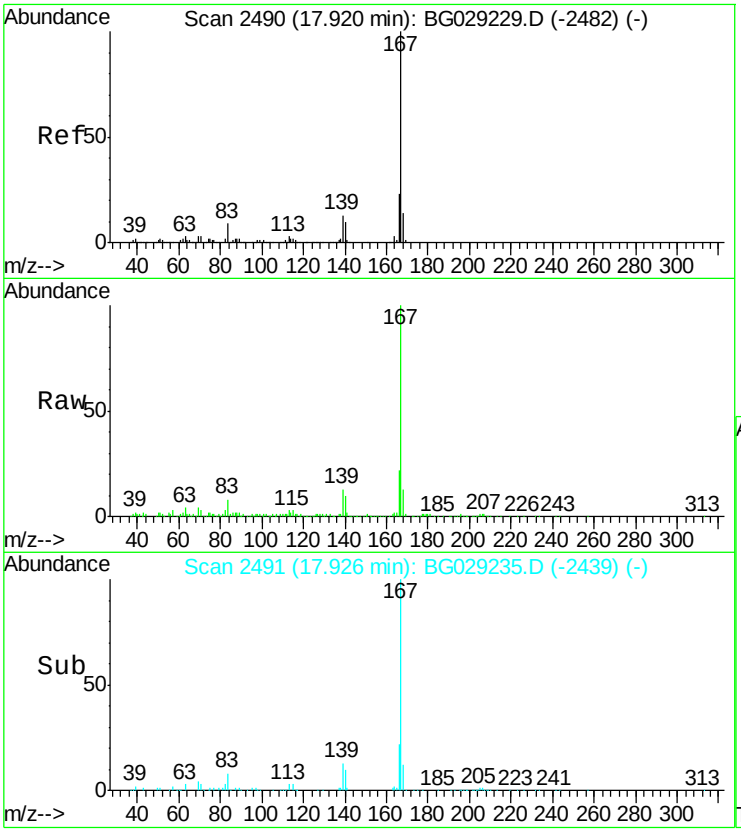


#71
Anthracene
Concen: 7.79 ng/ul
RT: 17.66 min Scan# 2446
Delta R.T. 0.00 min
Lab File: BG029235.D
Acq: 14 Oct 2017 22:53

Tgt Ion:178 Resp: 277241

Ion	Ratio	Lower	Upper
178	100		
179	16.1	13.2	19.8
176	19.7	16.0	24.0



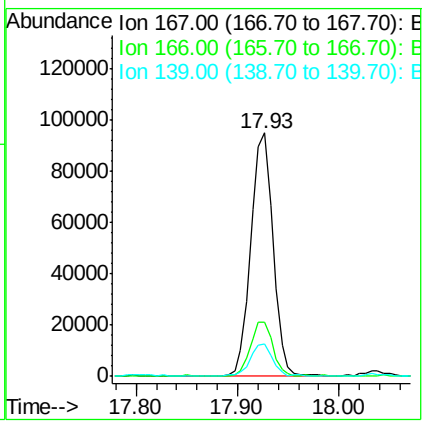


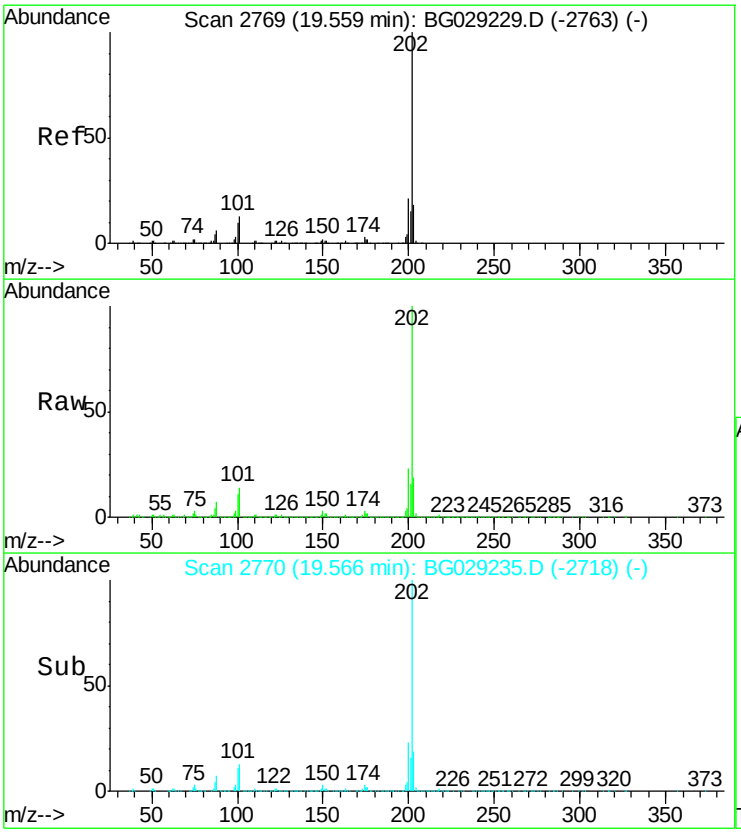
#72
Carbazole
Concen: 4.56 ng/ul
RT: 17.93 min Scan# 2491
Delta R.T. 0.01 min
Lab File: BG029235.D
Acq: 14 Oct 2017 22:53

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:167 Resp: 145927

Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.6	28.0
139	13.2	10.6	16.0

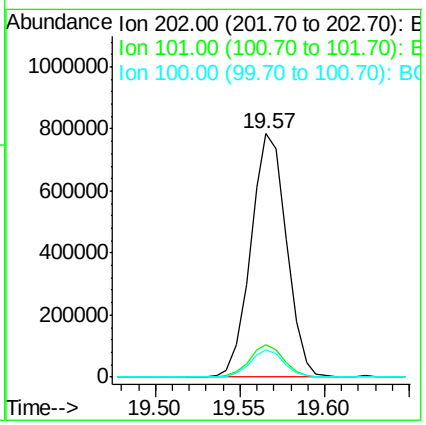


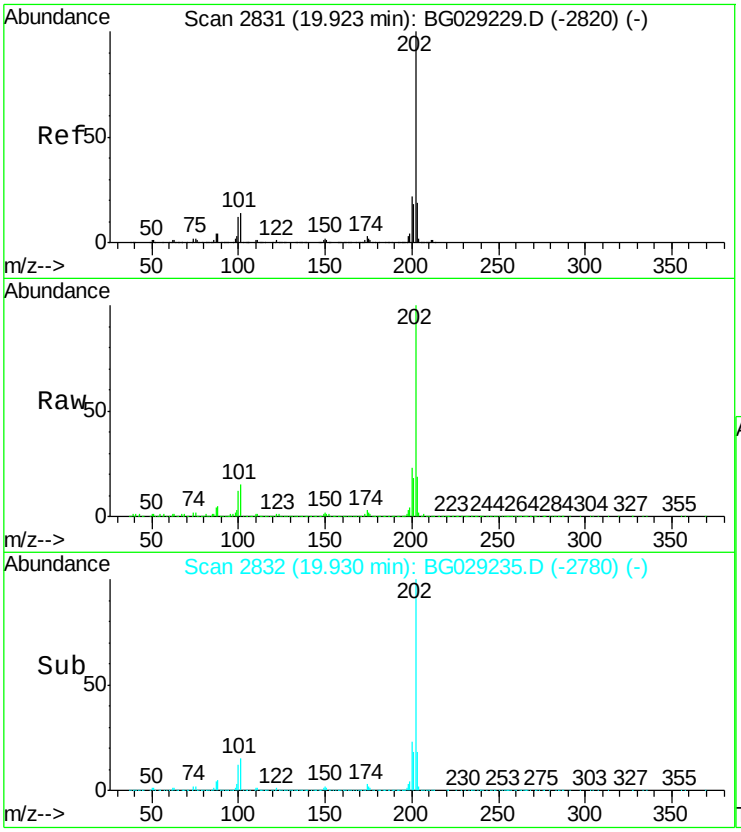


#74
Fluoranthene
Concen: 29.59 ng/ul
RT: 19.57 min Scan# 2770
Delta R.T. 0.01 min
Lab File: BG029235.D
Acq: 14 Oct 2017 22:53

Tgt Ion:202 Resp: 1141331

Ion	Ratio	Lower	Upper
202	100		
101	13.5	7.4	11.2#
100	11.2	5.6	8.4#



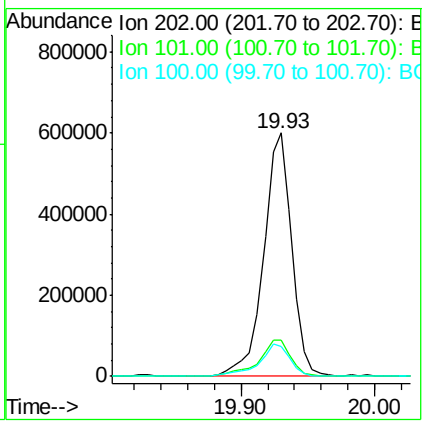


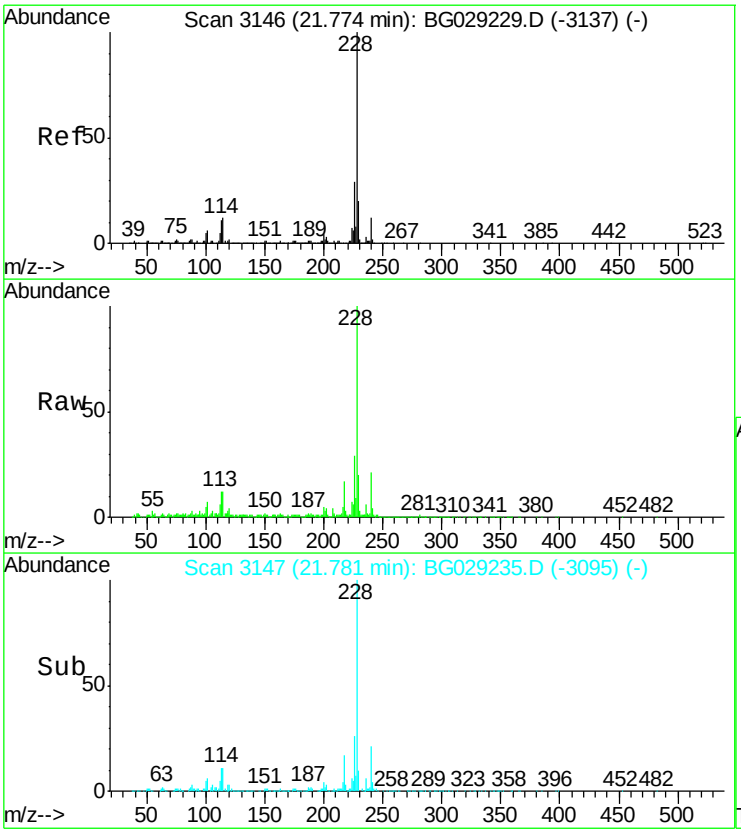
#77
Pyrene
Concen: 23.36 ng/ul
RT: 19.93 min Scan# 2832
Delta R.T. 0.01 min
Lab File: BG029235.D
Acq: 14 Oct 2017 22:53

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 873713

Ion	Ratio	Lower	Upper
202	100		
101	14.7	8.4	12.6#
100	12.1	7.0	10.6#

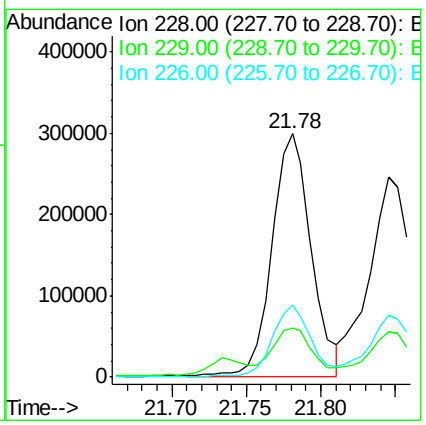


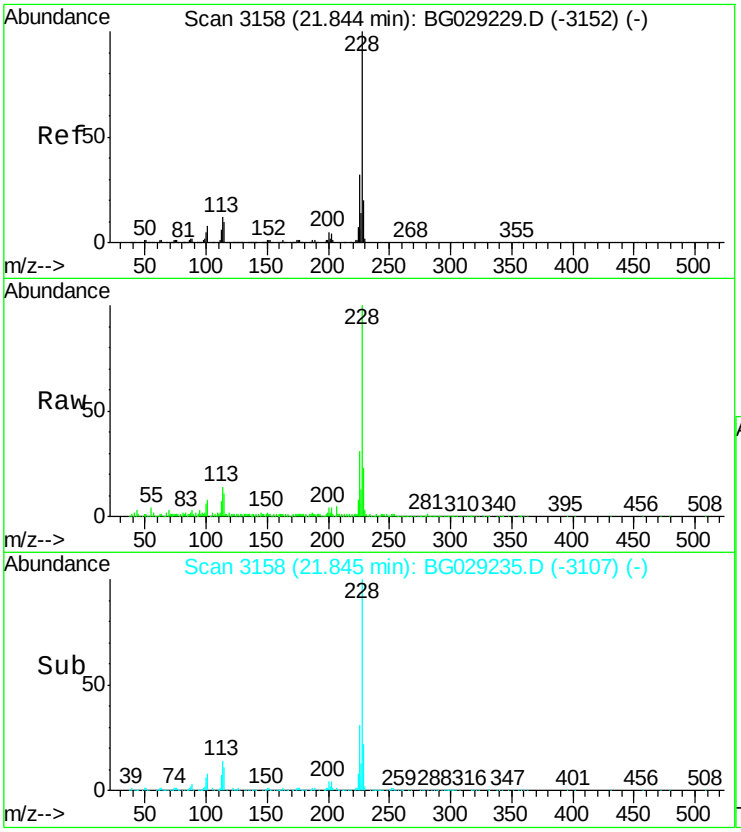


#80
Benzo(a)anthracene
Concen: 15.59 ng/ul
RT: 21.78 min Scan# 3147
Delta R.T. 0.01 min
Lab File: BG029235.D
Acq: 14 Oct 2017 22:53

Tgt Ion:228 Resp: 545454

Ion	Ratio	Lower	Upper
228	100		
229	20.4	16.2	24.4
226	29.4	22.2	33.2



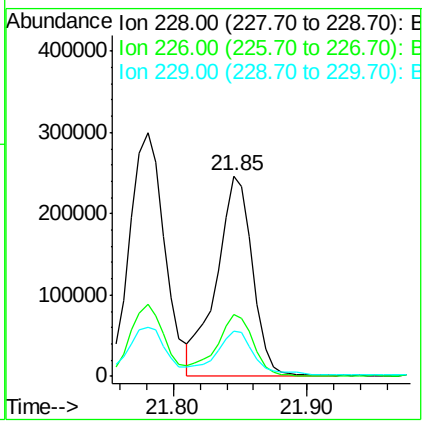


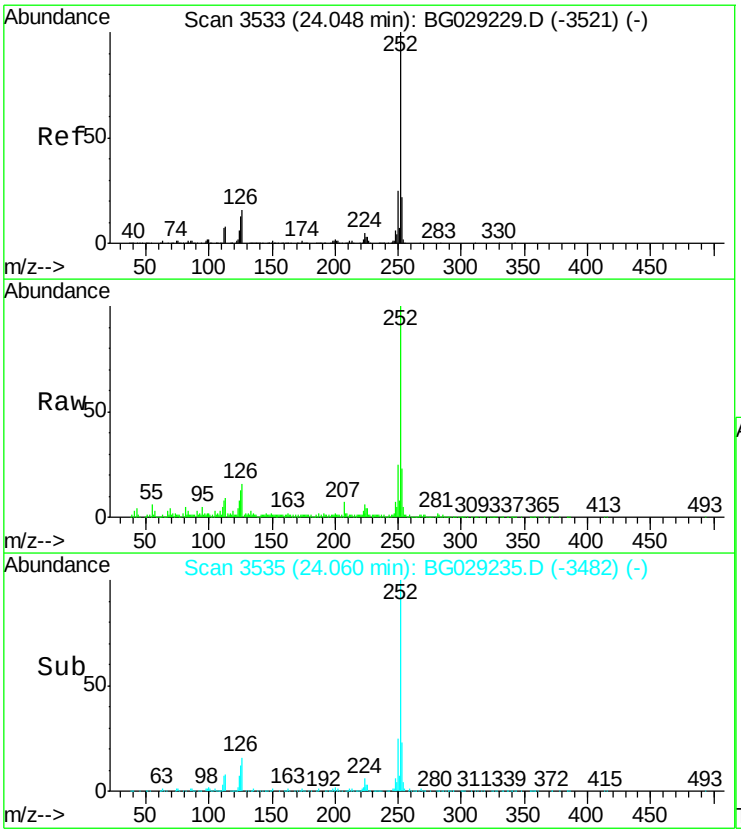
#82
Chrysene
Concen: 14.52 ng/ul
RT: 21.85 min Scan# 3158
Delta R.T. 0.00 min
Lab File: BG029235.D
Acq: 14 Oct 2017 22:53

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 461332

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.2	36.2
229	22.6	15.2	22.8

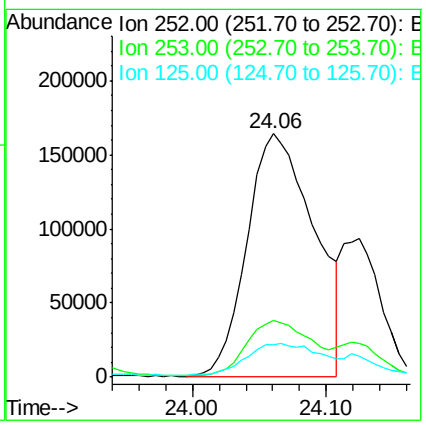


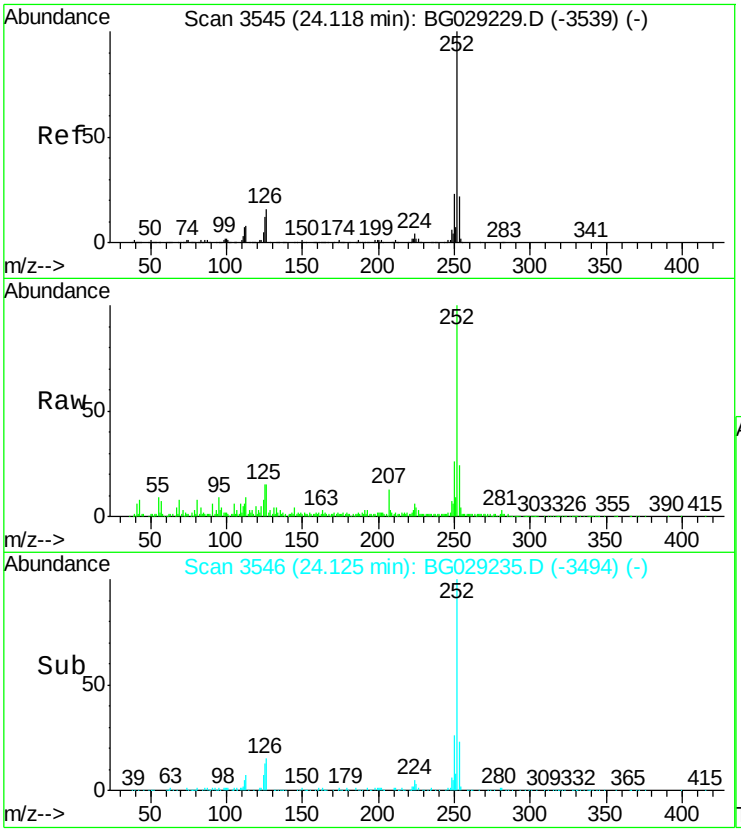


#85
Benzo(b)fluoranthene
Concen: 17.05 ng/ul
RT: 24.06 min Scan# 3535
Delta R.T. 0.01 min
Lab File: BG029235.D
Acq: 14 Oct 2017 22:53

Tgt Ion:252 Resp: 570230

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.0	25.4
125	13.4	7.5	11.3#



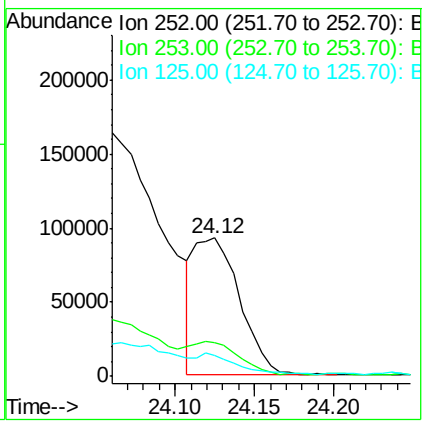


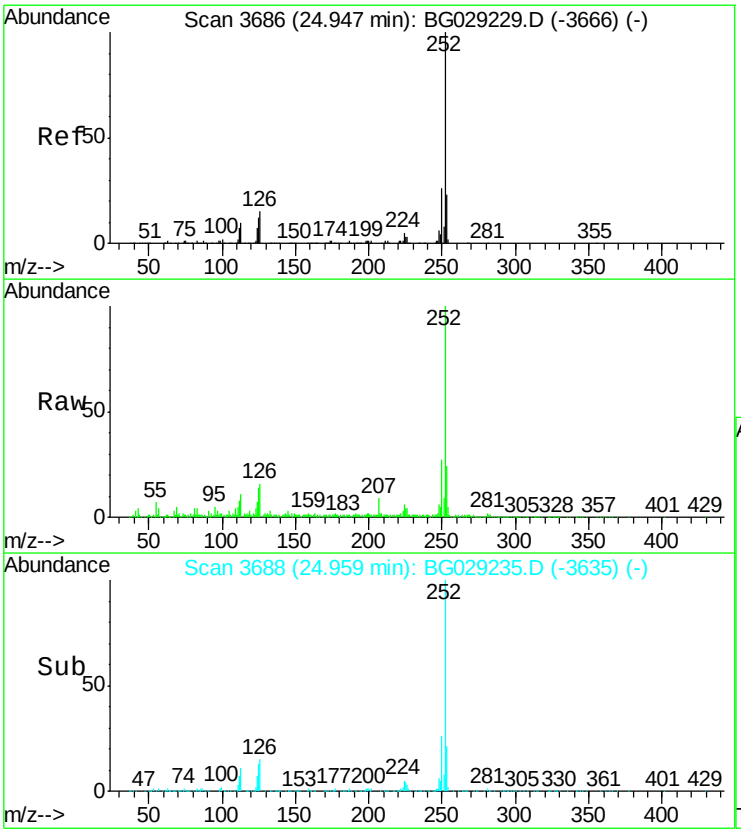
#86
Benzo(k)fluoranthene
Concen: 5.69 ng/ul
RT: 24.12 min Scan# 3546
Delta R.T. 0.01 min
Lab File: BG029235.D
Acq: 14 Oct 2017 22:53

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 184157

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.2	25.8
125	15.2	7.8	11.8#

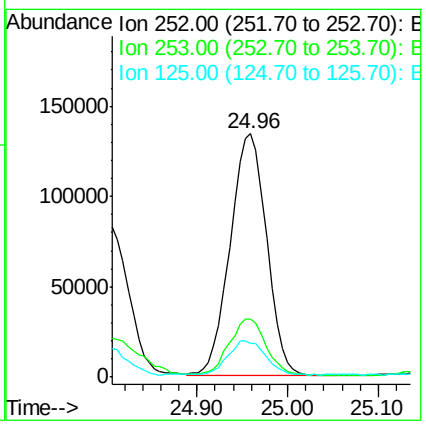


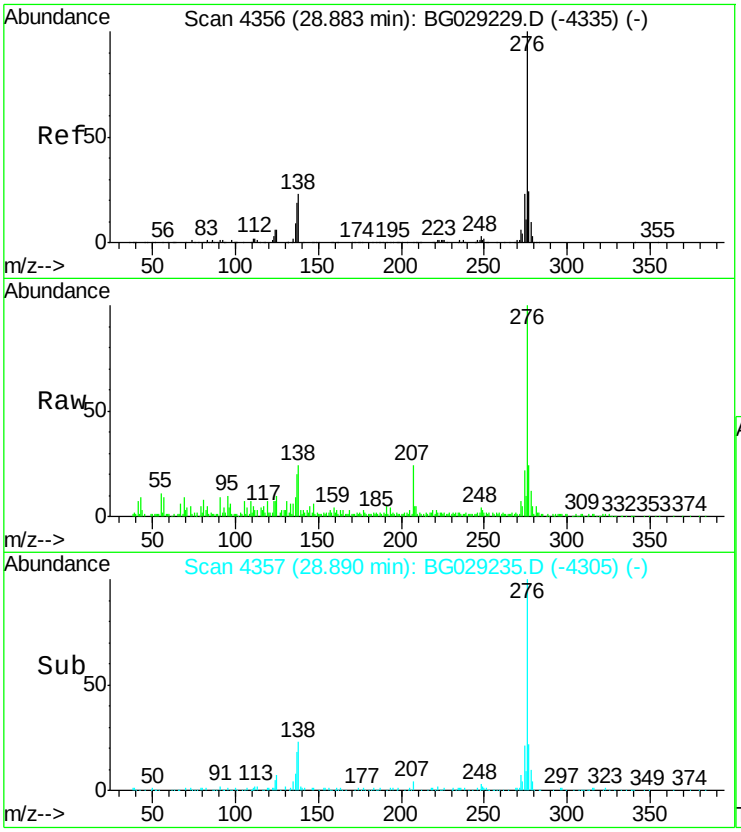


#88
Benzo(a)pyrene
Concen: 11.50 ng/ul
RT: 24.96 min Scan# 3688
Delta R.T. 0.01 min
Lab File: BG029235.D
Acq: 14 Oct 2017 22:53

Tgt Ion:252 Resp: 374417

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.1	25.7
125	14.0	7.8	11.8#



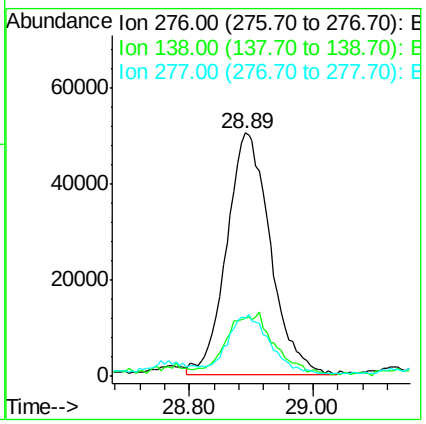


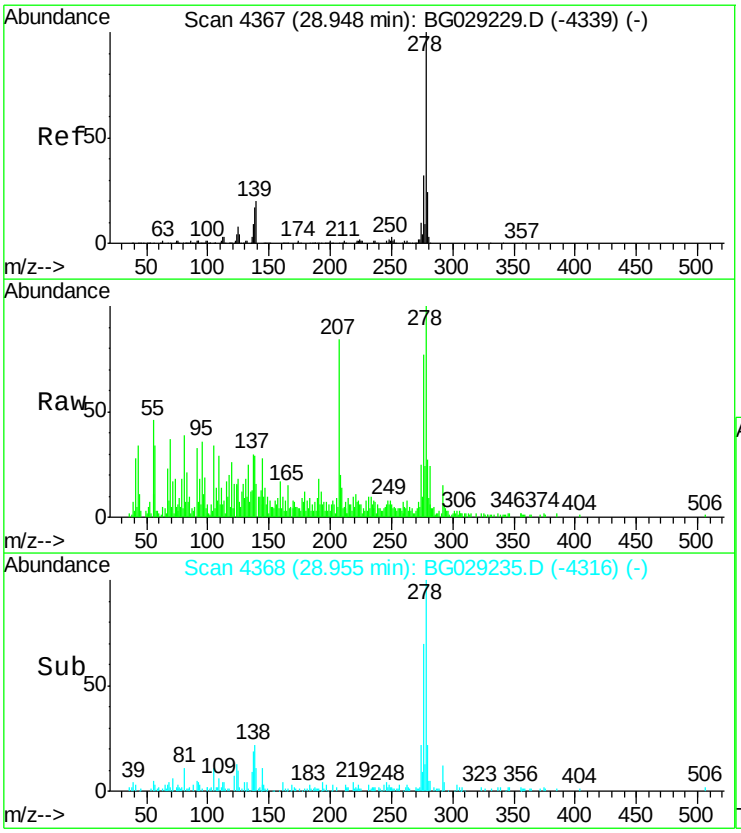
#89
Indeno(1,2,3-cd)pyrene
Concen: 6.62 ng/ul
RT: 28.89 min Scan# 4357
Delta R.T. 0.01 min
Lab File: BG029235.D
Acq: 14 Oct 2017 22:53

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 243744

Ion	Ratio	Lower	Upper
276	100		
138	23.9	13.4	20.0#
277	23.8	18.6	28.0

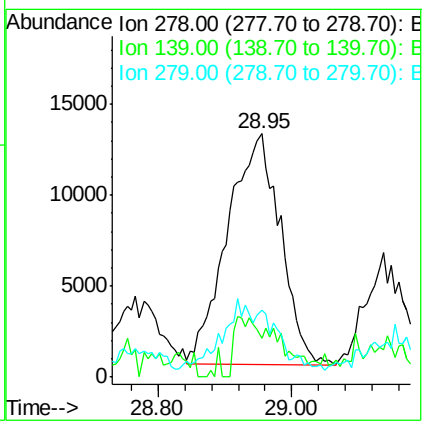


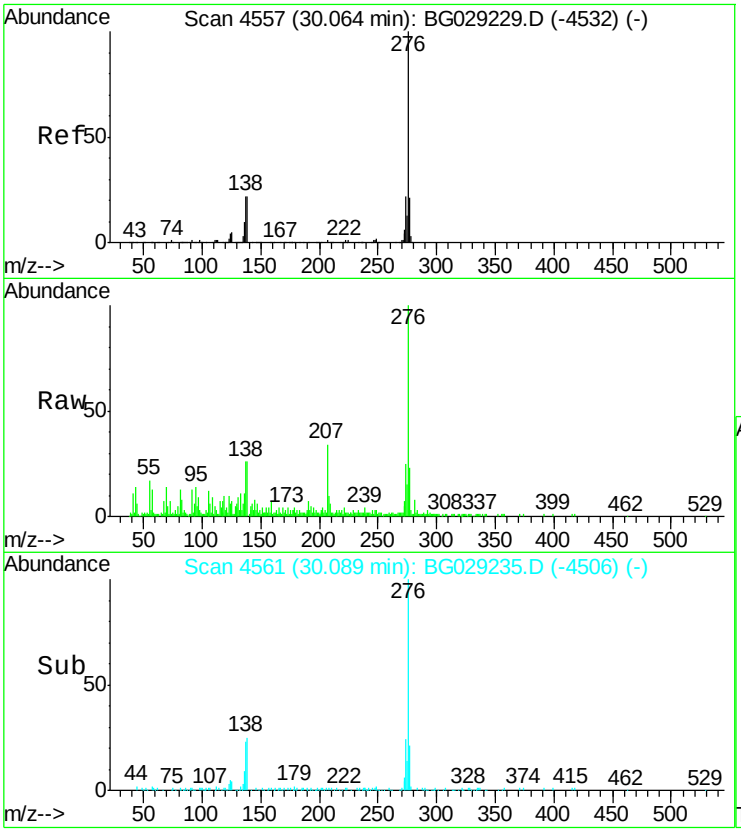


#90
Dibenzo(a,h)anthracene
Concen: 2.28 ng/ul
RT: 28.95 min Scan# 4368
Delta R.T. 0.01 min
Lab File: BG029235.D
Acq: 14 Oct 2017 22:53

Tgt Ion:278 Resp: 69743

Ion	Ratio	Lower	Upper
278	100		
139	15.9	9.4	14.2#
279	27.5	18.4	27.6





#91
Benzo(g,h,i)perylene
Concen: 5.72 ng/ul
RT: 30.09 min Scan# 4561
Delta R.T. 0.02 min
Lab File: BG029235.D
Acq: 14 Oct 2017 22:53

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 174658

Ion	Ratio	Lower	Upper
276	100		
138	26.2	12.1	18.1#
277	22.5	17.7	26.5