Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102417\
Data File : BG029425.D
Acq On : 24 Oct 2017 15:21
Operator : SJ/JU
Sample : I5925-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Oct 24 19:16:13 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 17 07:42:23 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	60615	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.99	136	289935	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	197400	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.52	188	469380	20.00	ng/ul	-0.01
75) Chrysene-d12	21.79	240	498864	20.00	ng/ul	-0.01
83) Perylene-d12	25.10	264	502718	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.55	96	9815	6.58	ng/uL	0.00
5) Phenol-d5	7.31	99	208052	35.76	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.48	67	122942	33.77	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.70	132	163232	39.77	ng/ul	-0.01
13) 4-Methylphenol-d8	8.86	113	182084	38.75	ng/ul	-0.01
19) Nitrobenzene-d5	9.33	128	85839	41.24	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.06	143	100331	47.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	192531	39.62	ng/ul	-0.01
29) 4-Chloroaniline-d4	11.11	131	236711	41.92	ng/ul	-0.01
43) Dimethylphthalate-d6	14.18	166	638574	37.84	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	792118	38.60	ng/ul	0.00
51) 4-Nitrophenol-d4	14.96	143	86494	27.76	ng/ul	-0.01
57) Fluorene-d10	15.77	176	586573	42.44	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.88	200	75801	33.08	ng/ul	-0.01
70) Anthracene-d10	17.52	188	469380	21.14	ng/ul	-0.11
76) Pyrene-d10	19.89	212	998320	38.66	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.88	264	976641	41.02	ng/ul	-0.01
Target Compounds						Qvalue
15) N-Nitroso-di-n-propylamine	8.86	70	5095	1.281	ng/ul#	1
28) Naphthalene	11.03	128	29795	1.942	ng/ul	96
34) 2-Methylnaphthalene	12.62	142	18014	1.418	ng/ul	98
44) Dimethylphthalate	14.22	163	25180	1.530	ng/ul#	95
49) Acenaphthene	14.85	153	23368	1.631	ng/ul	94
53) Dibenzofuran	15.18	168	29543	1.509	ng/ul	91
58) Fluorene	15.82	166	30308	1.940	ng/ul#	95
69) Phenanthrene	17.57	178	634701	25.014	ng/ul	99
71) Anthracene	17.65	178	121773	4.651	ng/ul	98
72) Carbazole	17.92	167	46565	1.979	ng/ul	99
74) Fluoranthene	19.56	202	1118384	39.438	ng/ul	99
77) Pyrene	19.92	202	994297	29.739	ng/ul	97
80) Benzo(a)anthracene	21.77	228	587247	18.784	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.66	149	24768	1.261	ng/ul#	97
82) Chrysene	21.84	228	534672	18.822	ng/ul	97
85) Benzo(b)fluoranthene	24.05	252	697366	23.107	ng/ul	99
86) Benzo(k)fluoranthene	24.05	252	697366	23.899	ng/ul	99
88) Benzo(a)pyrene	24.95	252	453708	15.444	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	28.87	276	308051	9.268	ng/ul	99
90) Dibenzo(a,h)anthracene	28.93	278	87362	3.164	ng/ul	98
91) Benzo(g,h,i)perylene	30.06	276	268170	9.734	ng/ul	96

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102417\
Data File : BG029425.D
Acq On : 24 Oct 2017 15:21
Operator : SJ/JU
Sample : I5925-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Oct 24 19:16:13 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 17 07:42:23 2017
Response via : Initial Calibration

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

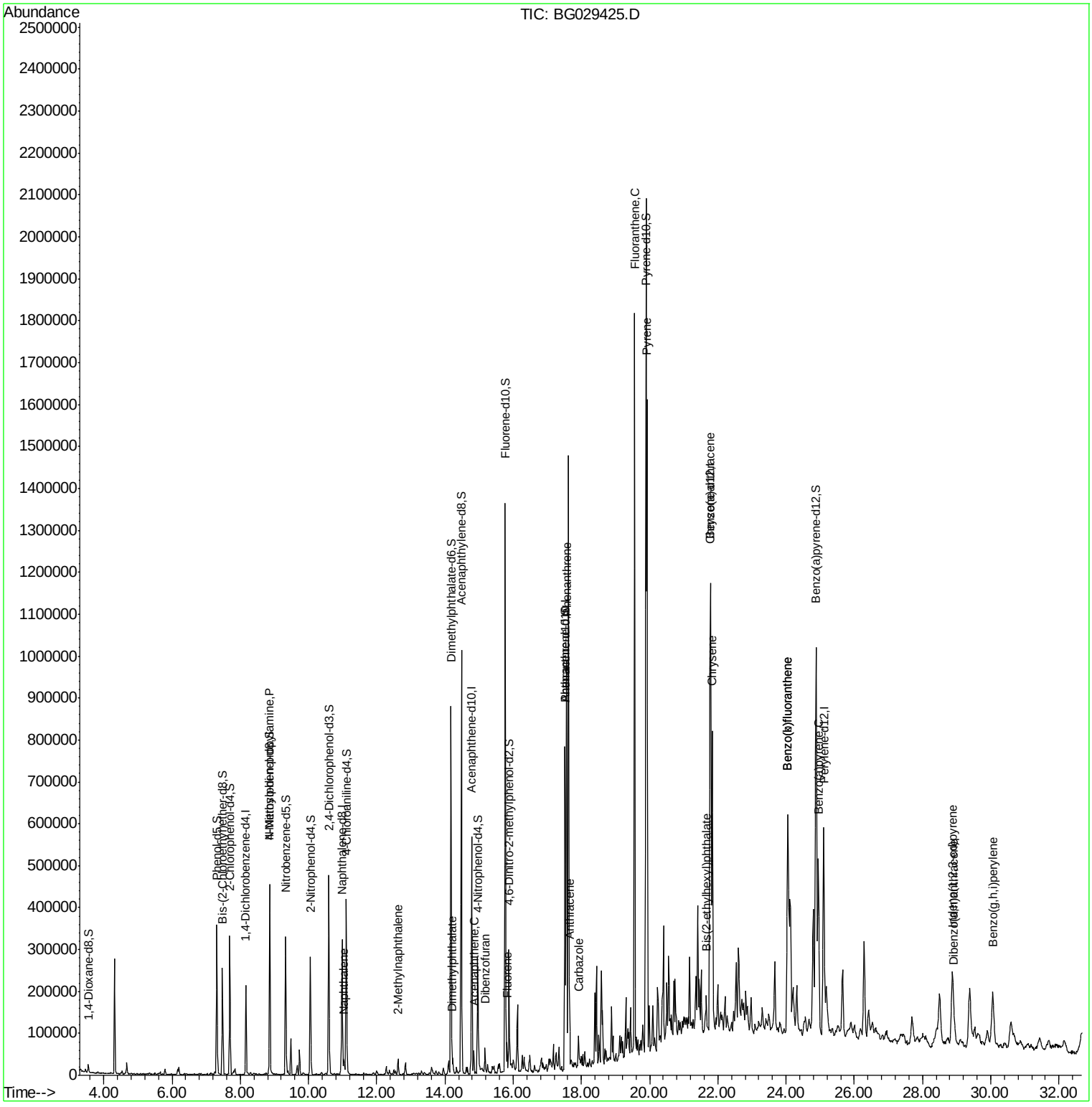
(#) = qualifier out of range (m) = manual integration (+) = signals summed

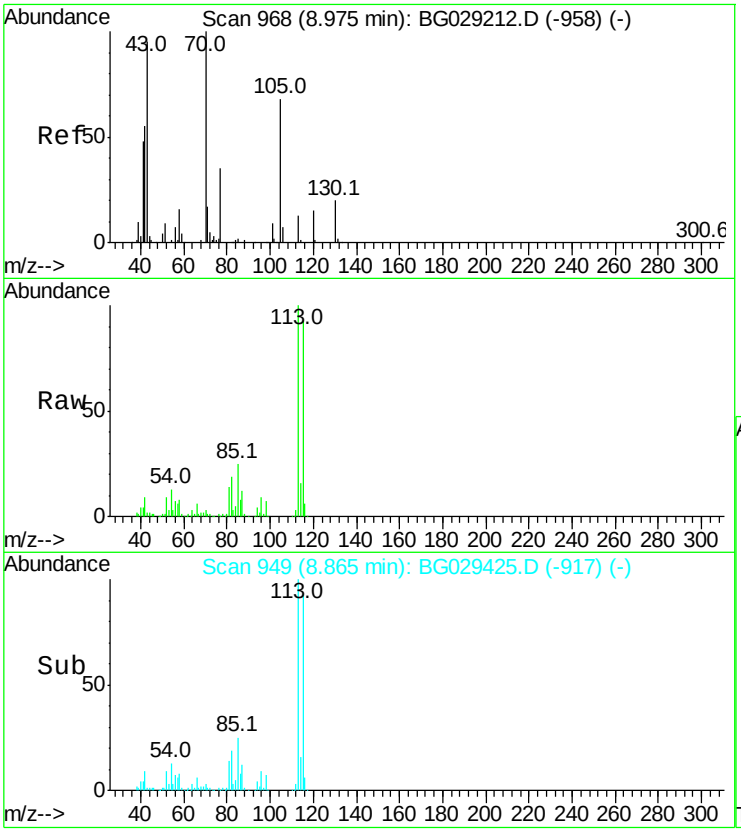
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102417\
Data File : BG029425.D
Acq On : 24 Oct 2017 15:21
Operator : SJ/JU
Sample : I5925-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Oct 24 19:16:13 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 17 07:42:23 2017
Response via : Initial Calibration



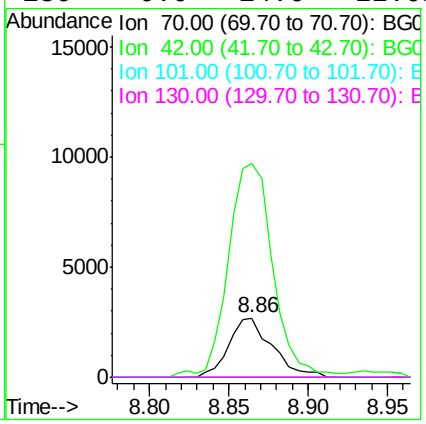


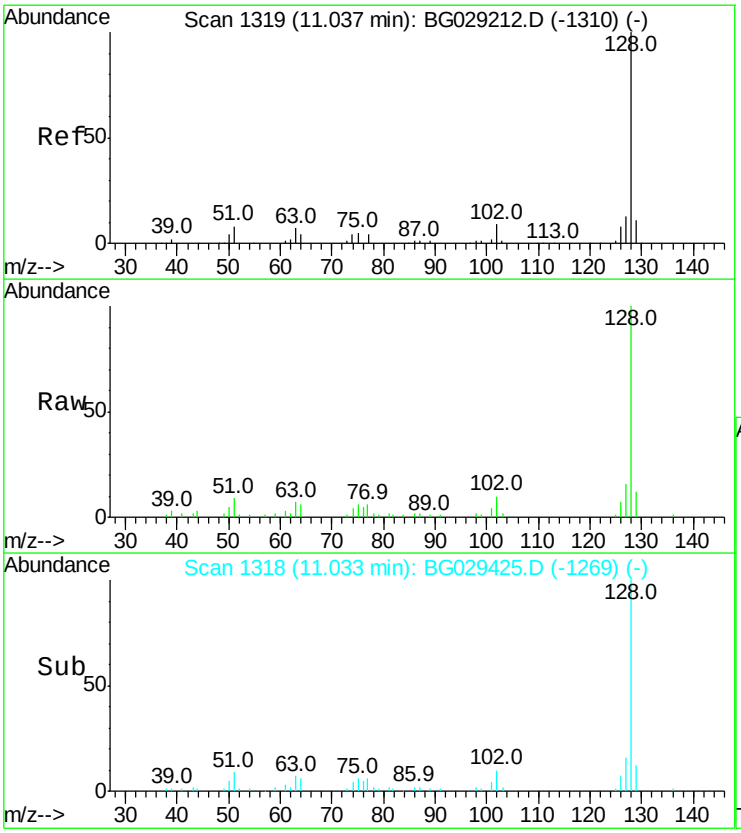
#15
N-Nitroso-di-n-propylamine
Concen: 1.281 ng/ul
RT: 8.86 min Scan# 949
Delta R.T. -0.11 min
Lab File: BG029425.D
Acq: 24 Oct 2017 15:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 5095

Ion	Ratio	Lower	Upper
70	100		
42	361.5	51.7	77.5#
101	0.0	7.6	11.4#
130	0.0	14.6	22.0#

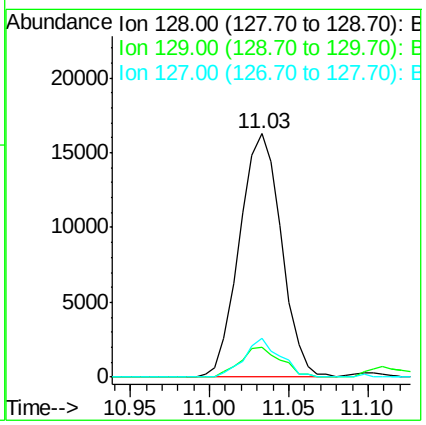


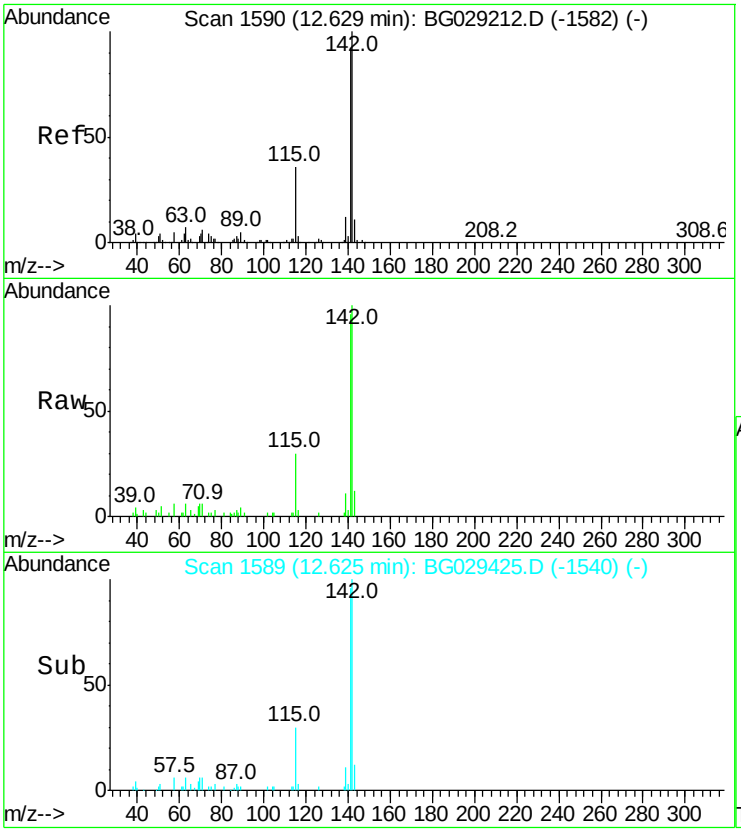


#28
Naphthalene
Concen: 1.942 ng/ul
RT: 11.03 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BG029425.D
Acq: 24 Oct 2017 15:21

Tgt Ion:128 Resp: 29795

Ion	Ratio	Lower	Upper
128	100		
129	12.3	9.3	13.9
127	15.8	10.7	16.1



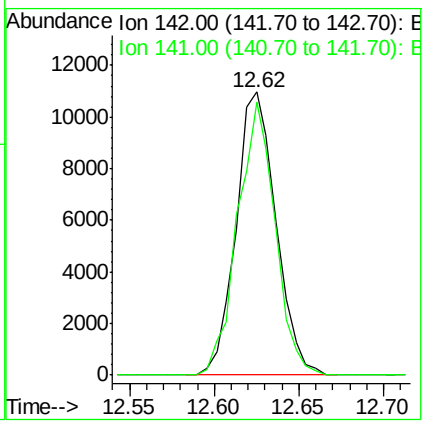


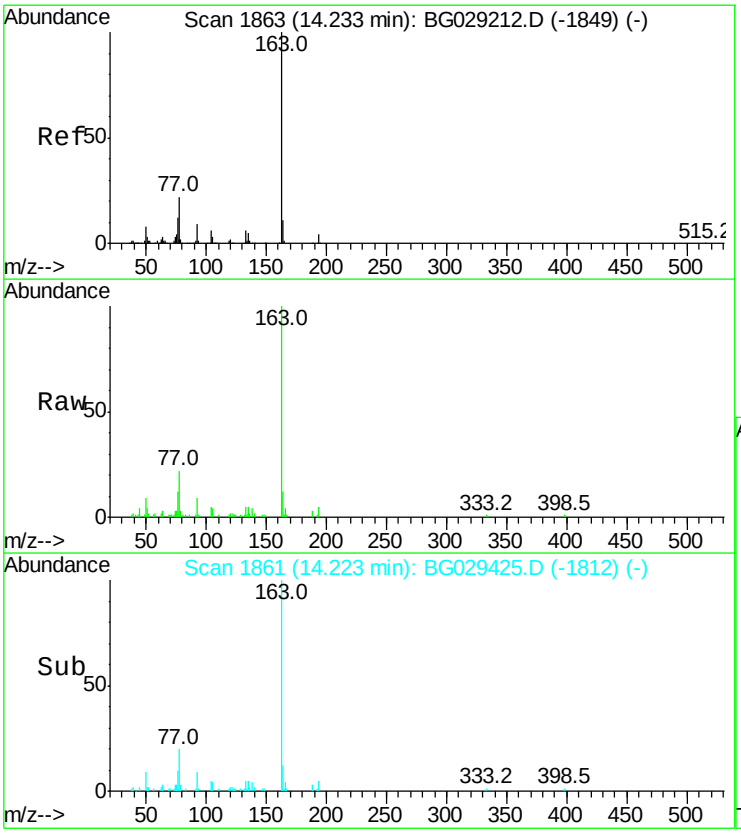
#34
2-Methylnaphthalene
Concen: 1.418 ng/ul
RT: 12.62 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BG029425.D
Acq: 24 Oct 2017 15:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:142 Resp: 18014

Ion	Ratio	Lower	Upper
142	100		
141	96.5	75.4	113.0

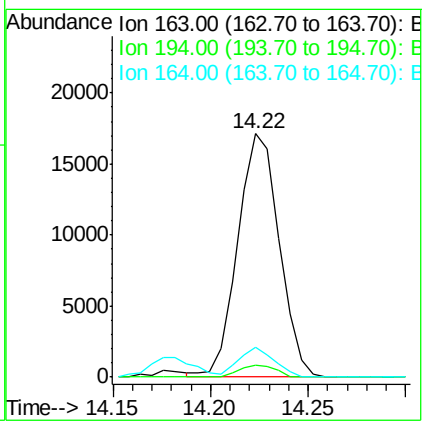


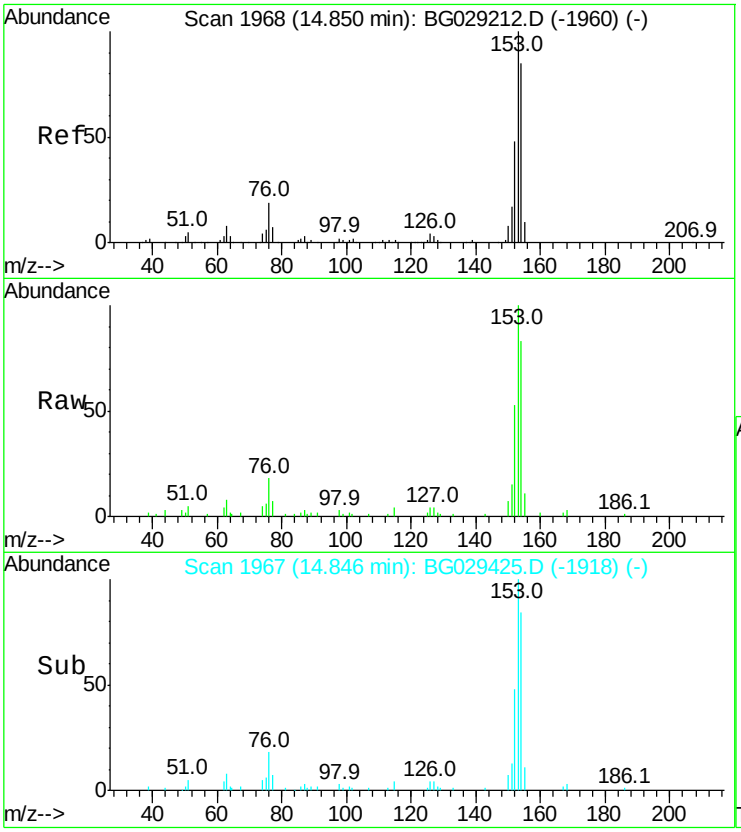


#44
Dimethylphthalate
Concen: 1.530 ng/ul
RT: 14.22 min Scan# 1861
Delta R.T. -0.01 min
Lab File: BG029425.D
Acq: 24 Oct 2017 15:21

Tgt Ion:163 Resp: 25180

Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.5	5.3
164	12.2	7.6	11.4#



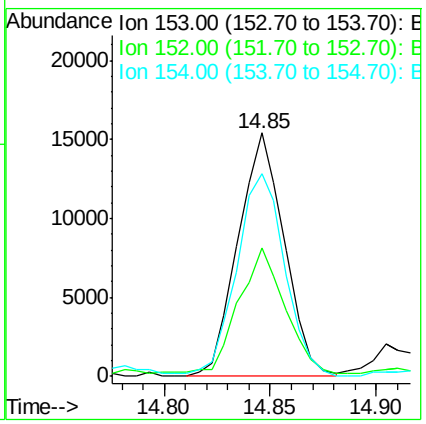


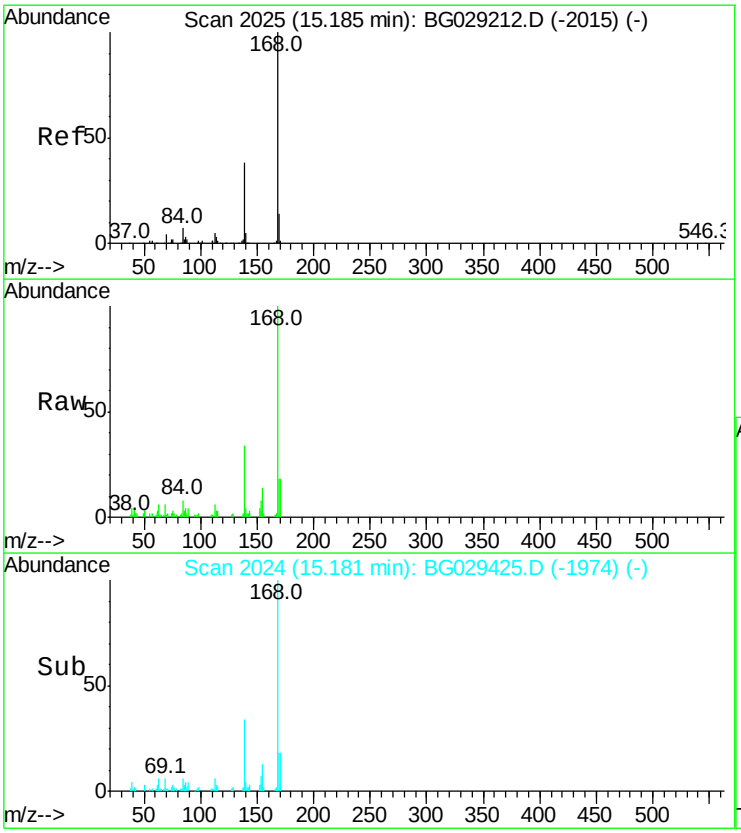
#49
Acenaphthene
Concen: 1.631 ng/ul
RT: 14.85 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BG029425.D
Acq: 24 Oct 2017 15:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:153 Resp: 23368

Ion	Ratio	Lower	Upper
153	100		
152	53.0	38.2	57.2
154	83.3	70.6	105.8

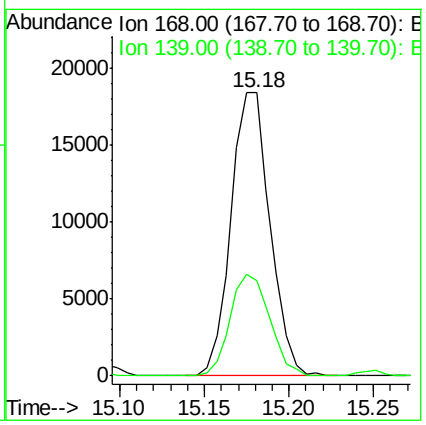


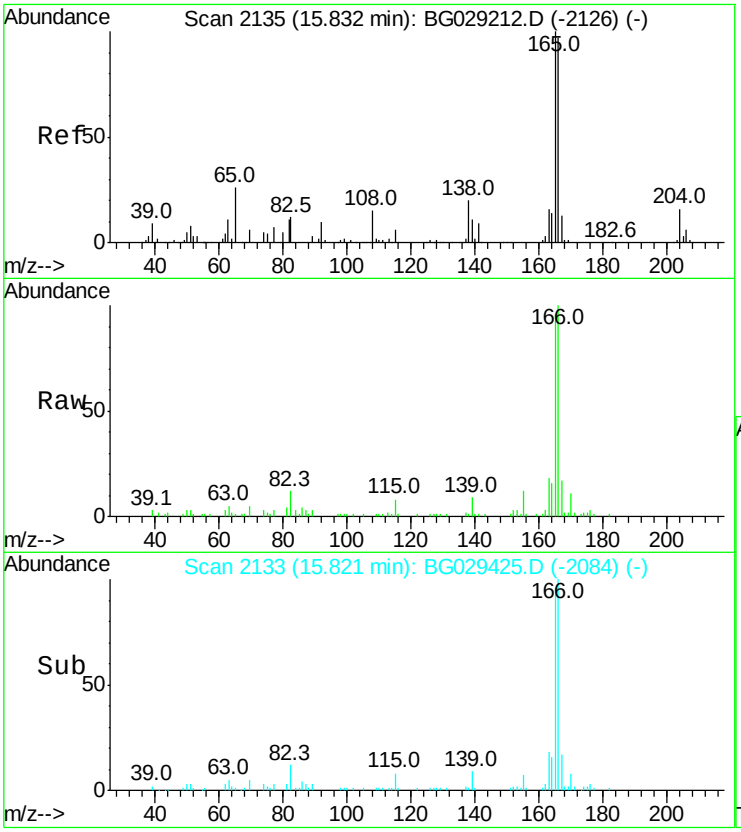


#53
Dibenzofuran
Concen: 1.509 ng/ul
RT: 15.18 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BG029425.D
Acq: 24 Oct 2017 15:21

Tgt Ion:168 Resp: 29543

Ion	Ratio	Lower	Upper
168	100		
139	33.7	31.4	47.2



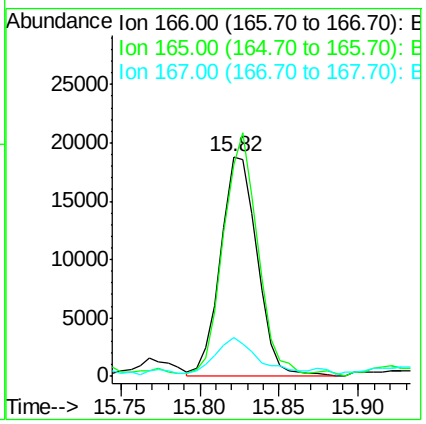


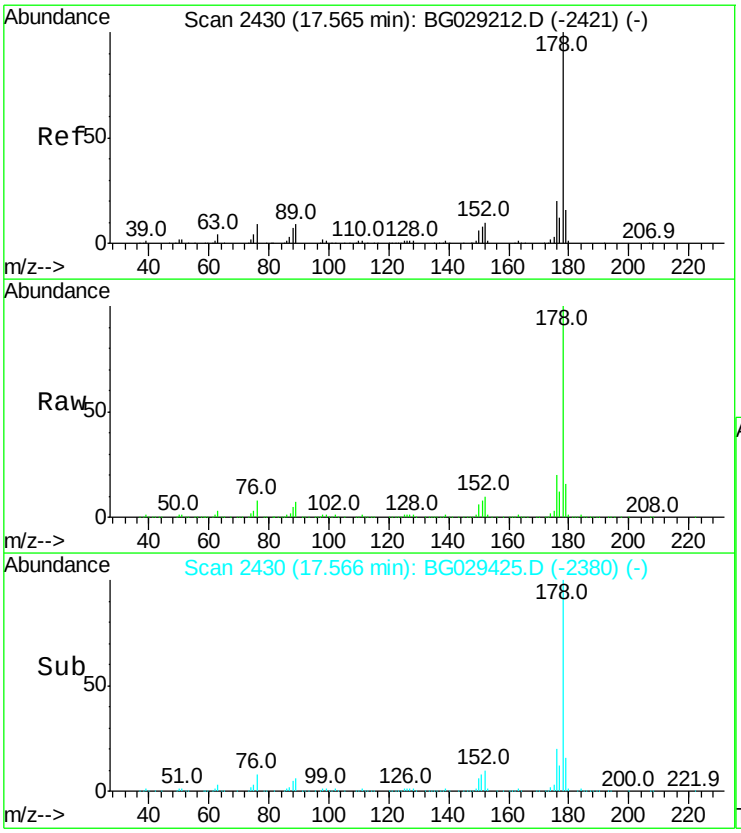
#58
Fluorene
Concen: 1.940 ng/ul
RT: 15.82 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BG029425.D
Acq: 24 Oct 2017 15:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:166 Resp: 30308

Ion	Ratio	Lower	Upper
166	100		
165	96.1	79.9	119.9
167	17.4	10.6	16.0#

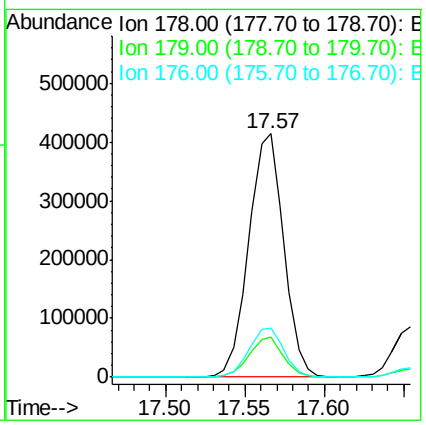


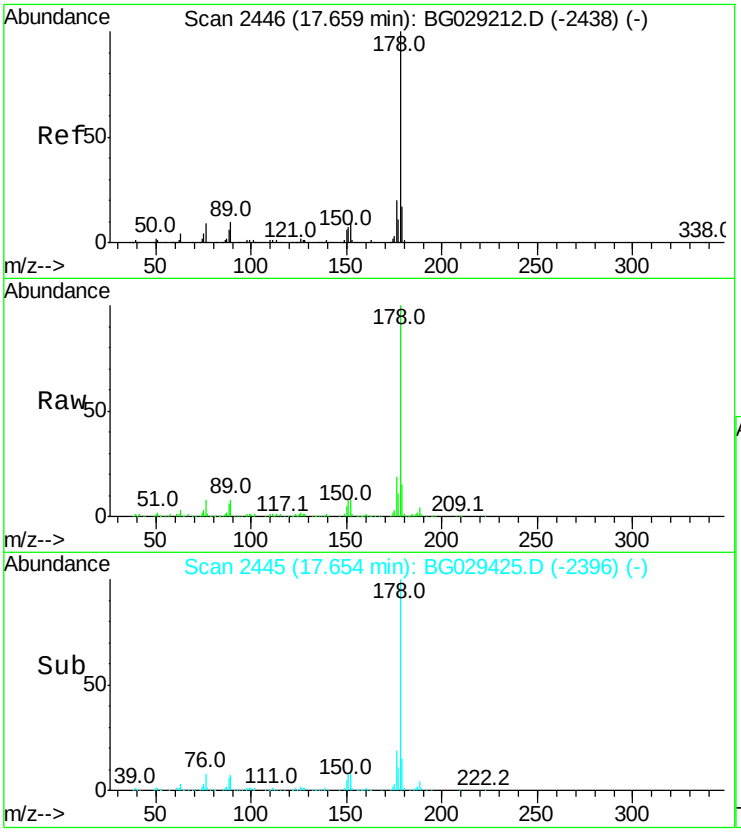


#69
Phenanthrene
Concen: 25.014 ng/ul
RT: 17.57 min Scan# 2430
Delta R.T. -0.01 min
Lab File: BG029425.D
Acq: 24 Oct 2017 15:21

Tgt Ion:178 Resp: 634701

Ion	Ratio	Lower	Upper
178	100		
179	16.3	13.0	19.6
176	20.3	15.3	22.9



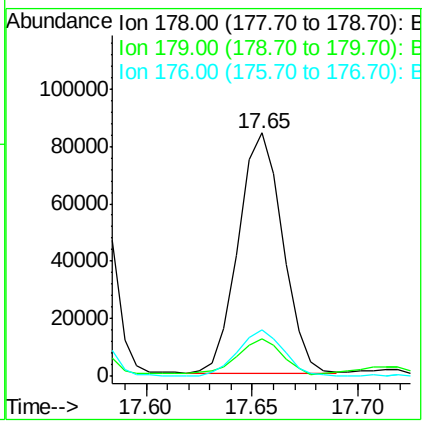


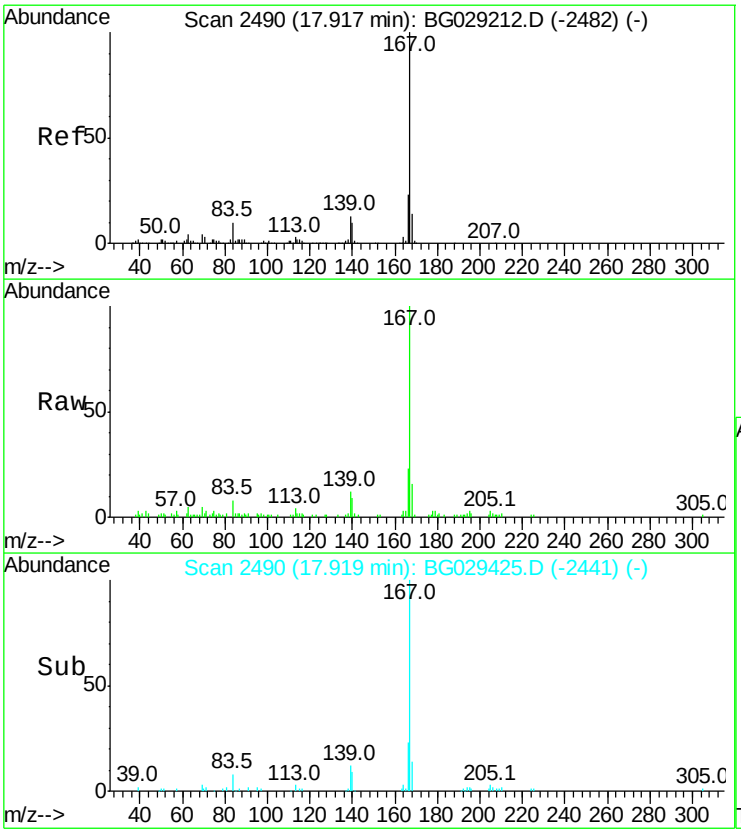
#71
Anthracene
Concen: 4.651 ng/ul
RT: 17.65 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG029425.D
Acq: 24 Oct 2017 15:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 121773

Ion	Ratio	Lower	Upper
178	100		
179	15.2	13.2	19.8
176	19.1	16.0	24.0

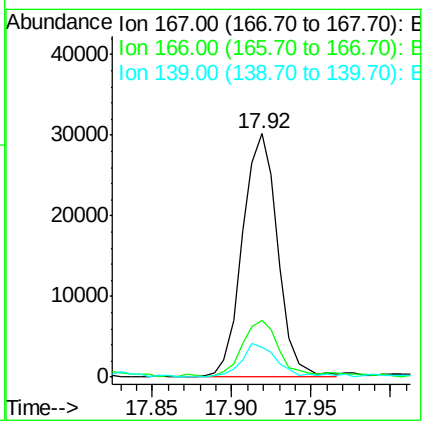


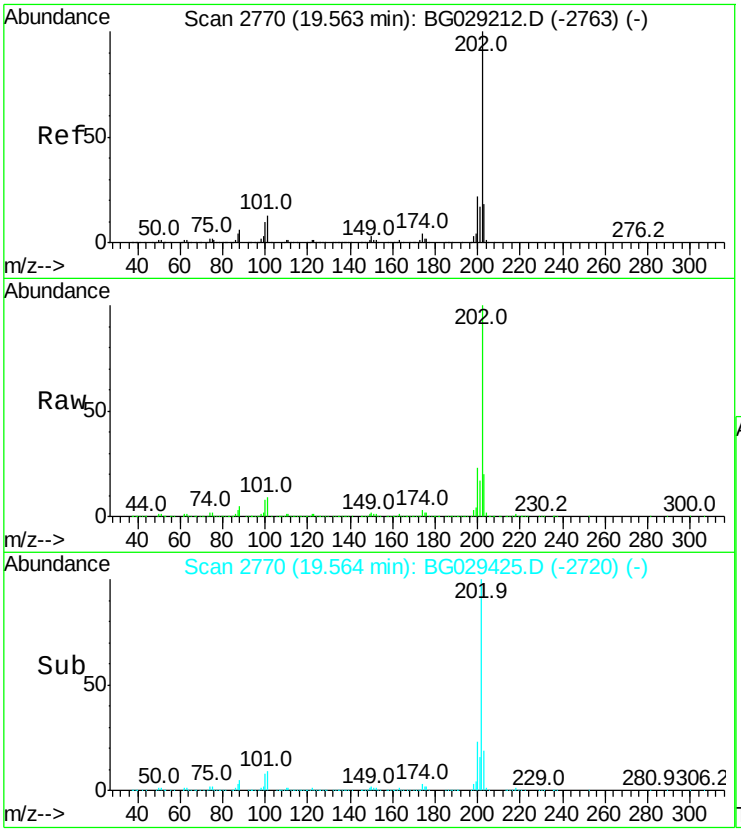


#72
Carbazole
Concen: 1.979 ng/ul
RT: 17.92 min Scan# 2490
Delta R.T. -0.01 min
Lab File: BG029425.D
Acq: 24 Oct 2017 15:21

Tgt Ion:167 Resp: 46565

Ion	Ratio	Lower	Upper
167	100		
166	23.2	18.6	28.0
139	12.2	10.6	16.0



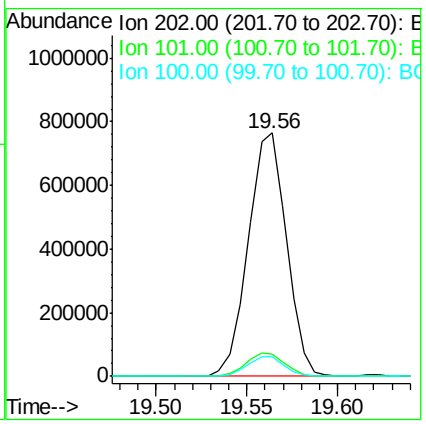


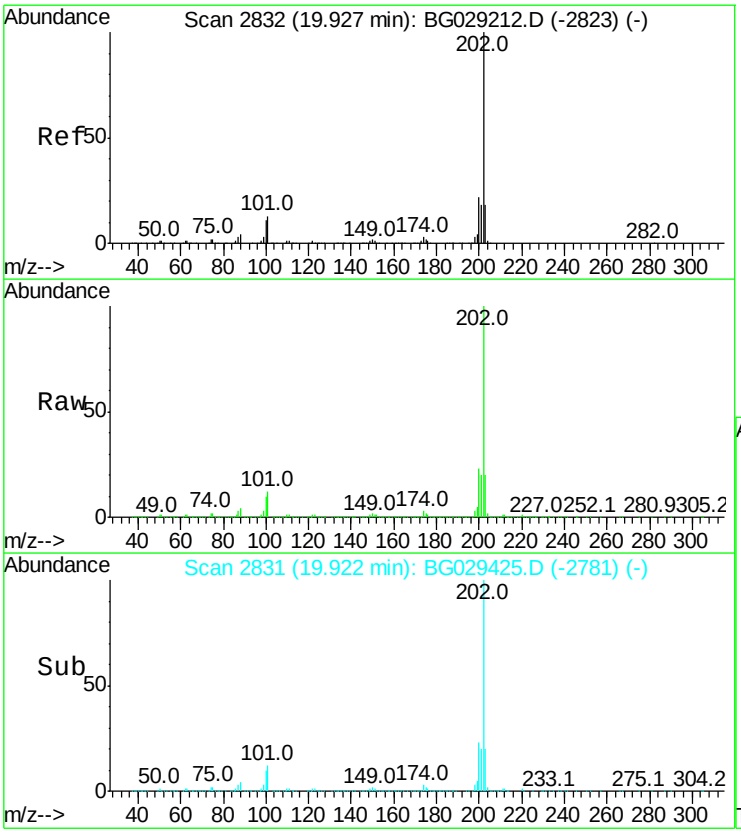
#74
Fluoranthene
Concen: 39.438 ng/ul
RT: 19.56 min Scan# 2770
Delta R.T. -0.01 min
Lab File: BG029425.D
Acq: 24 Oct 2017 15:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 1118384

Ion	Ratio	Lower	Upper
202	100		
101	9.3	7.4	11.2
100	7.8	5.6	8.4

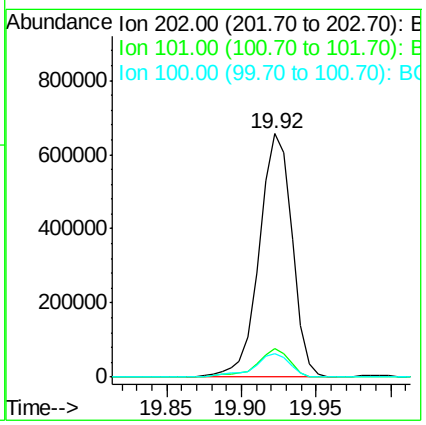


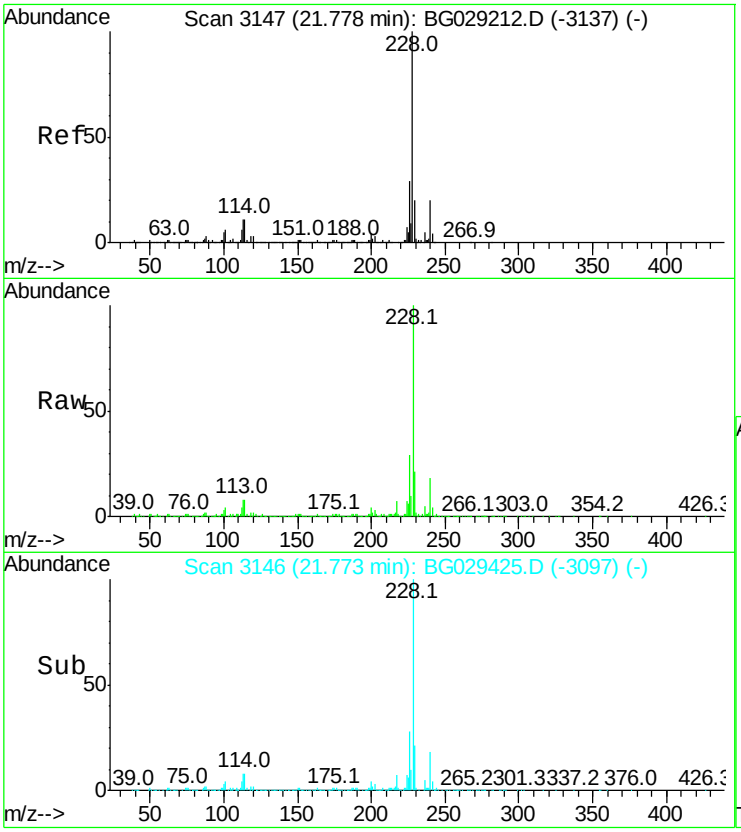


#77
Pyrene
Concen: 29.739 ng/ul
RT: 19.92 min Scan# 2831
Delta R.T. -0.01 min
Lab File: BG029425.D
Acq: 24 Oct 2017 15:21

Tgt Ion:202 Resp: 994297

Ion	Ratio	Lower	Upper
202	100		
101	11.5	8.4	12.6
100	9.7	7.0	10.6



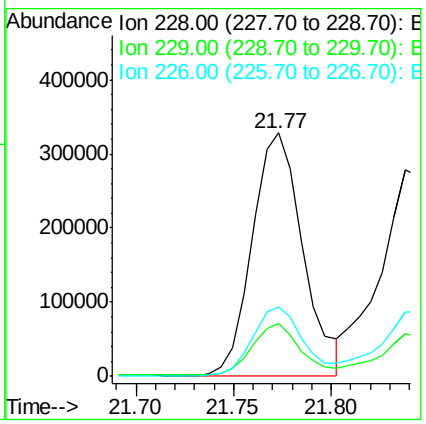


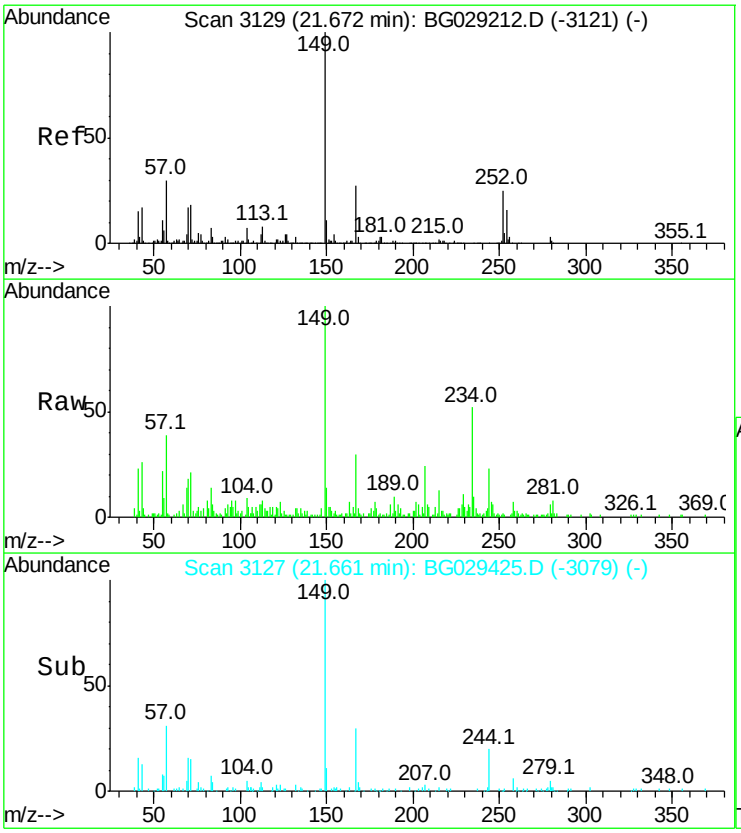
#80
Benzo(a)anthracene
Concen: 18.784 ng/ul
RT: 21.77 min Scan# 3146
Delta R.T. -0.01 min
Lab File: BG029425.D
Acq: 24 Oct 2017 15:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 587247

Ion	Ratio	Lower	Upper
228	100		
229	21.5	16.2	24.4
226	28.5	22.2	33.2

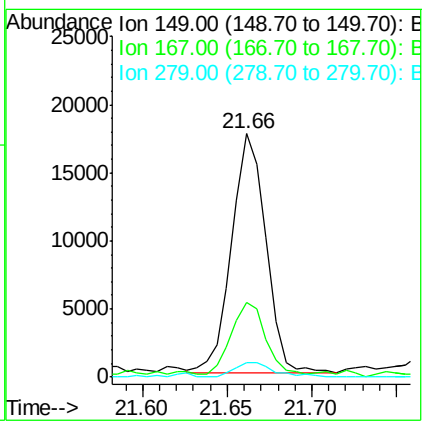


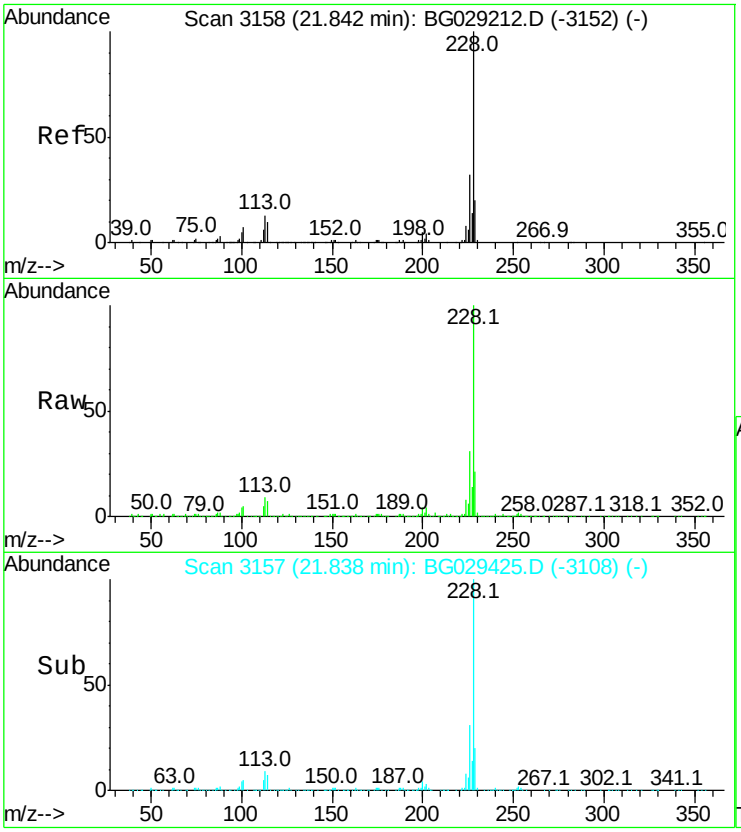


#81
Bis(2-ethylhexyl)phthalate
Concen: 1.261 ng/ul
RT: 21.66 min Scan# 3127
Delta R.T. -0.02 min
Lab File: BG029425.D
Acq: 24 Oct 2017 15:21

Tgt Ion:149 Resp: 24768

Ion	Ratio	Lower	Upper
149	100		
167	30.4	23.2	34.8
279	5.8	3.1	4.7#



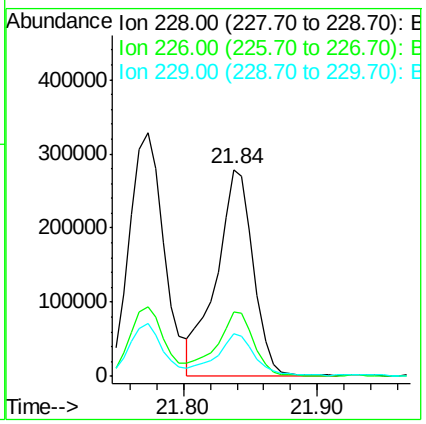


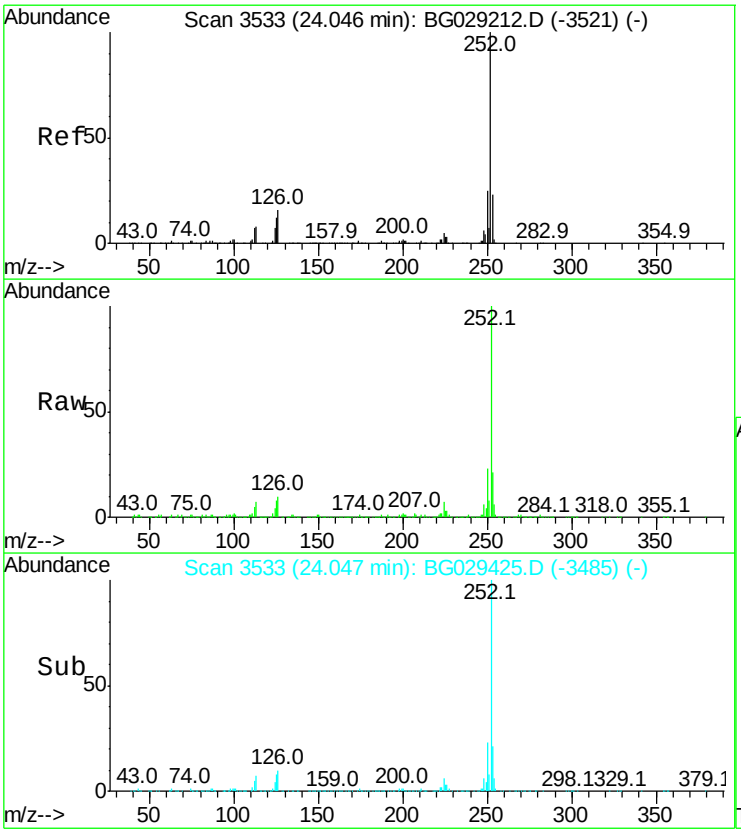
#82
Chrysene
Concen: 18.822 ng/ul
RT: 21.84 min Scan# 3157
Delta R.T. -0.01 min
Lab File: BG029425.D
Acq: 24 Oct 2017 15:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 534672

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.2	36.2
229	20.6	15.2	22.8

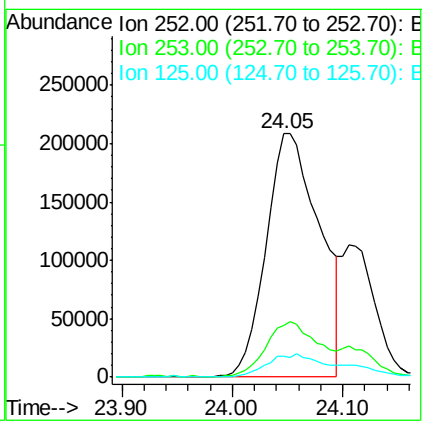


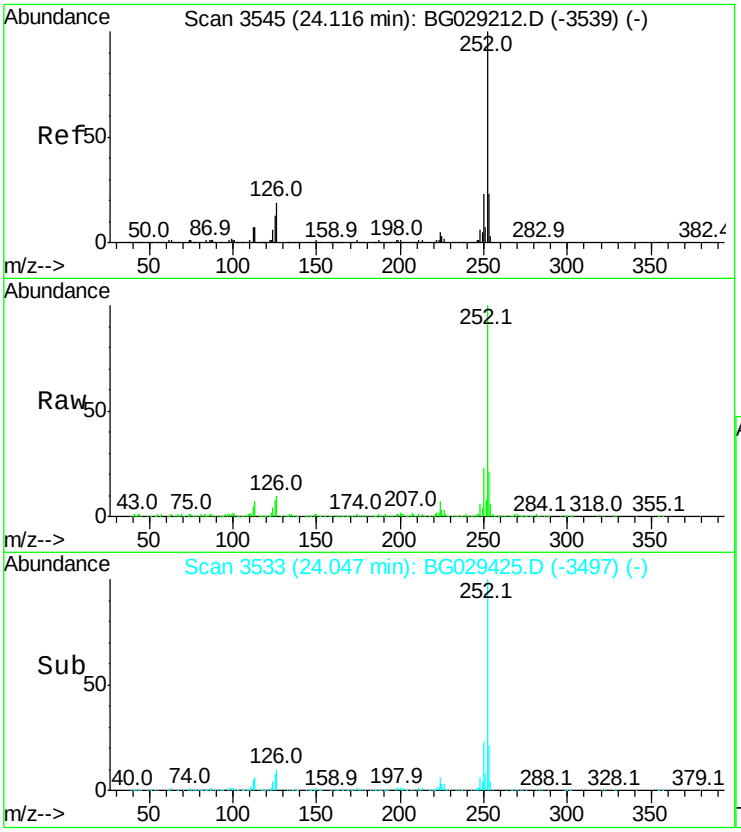


#85
Benzo(b)fluoranthene
Concen: 23.107 ng/ul
RT: 24.05 min Scan# 3533
Delta R.T. -0.02 min
Lab File: BG029425.D
Acq: 24 Oct 2017 15:21

Tgt Ion:252 Resp: 697366

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.0	25.4
125	8.4	7.5	11.3



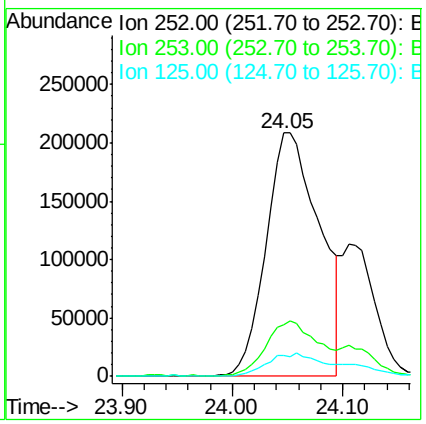


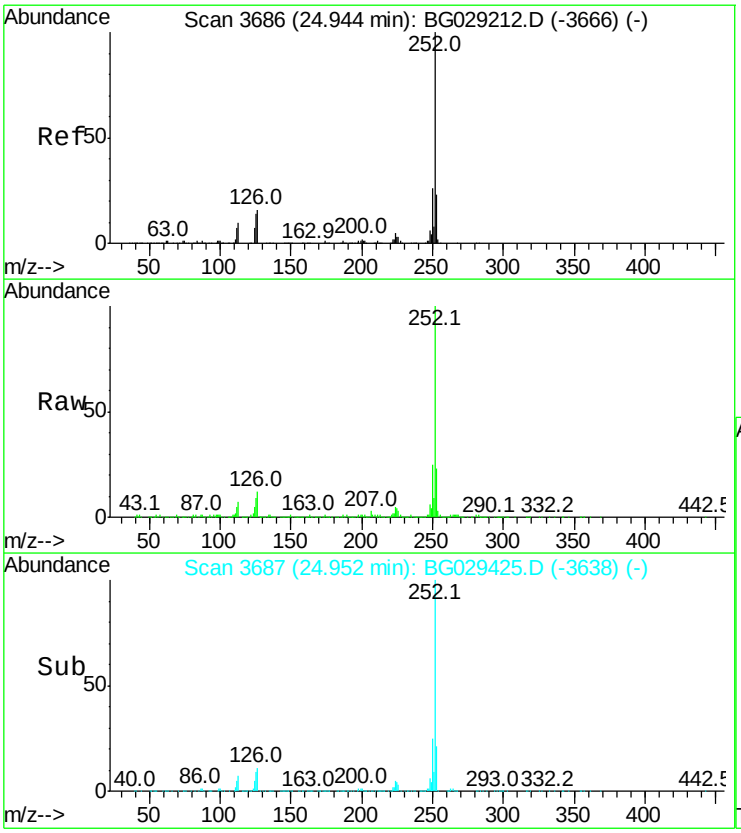
#86
Benzo(k)fluoranthene
Concen: 23.899 ng/ul
RT: 24.05 min Scan# 3533
Delta R.T. -0.09 min
Lab File: BG029425.D
Acq: 24 Oct 2017 15:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 697366

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.2	25.8
125	8.4	7.8	11.8

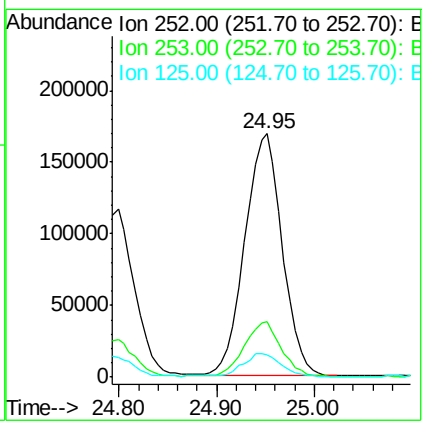


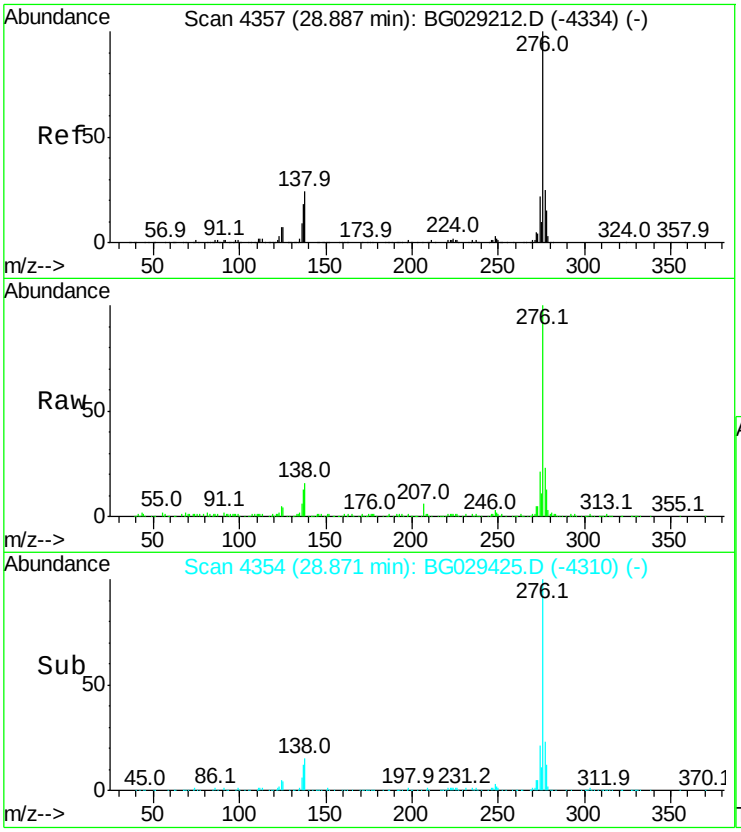


#88
Benzo(a)pyrene
Concen: 15.444 ng/ul
RT: 24.95 min Scan# 3687
Delta R.T. -0.01 min
Lab File: BG029425.D
Acq: 24 Oct 2017 15:21

Tgt Ion:252 Resp: 453708

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	9.2	7.8	11.8



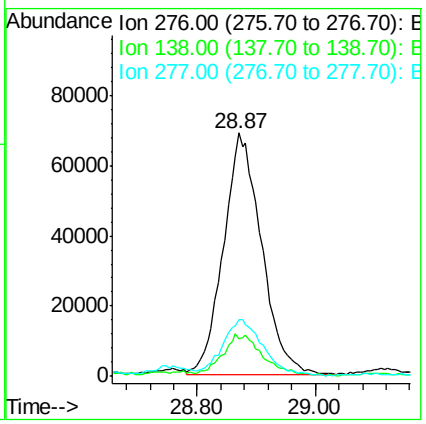


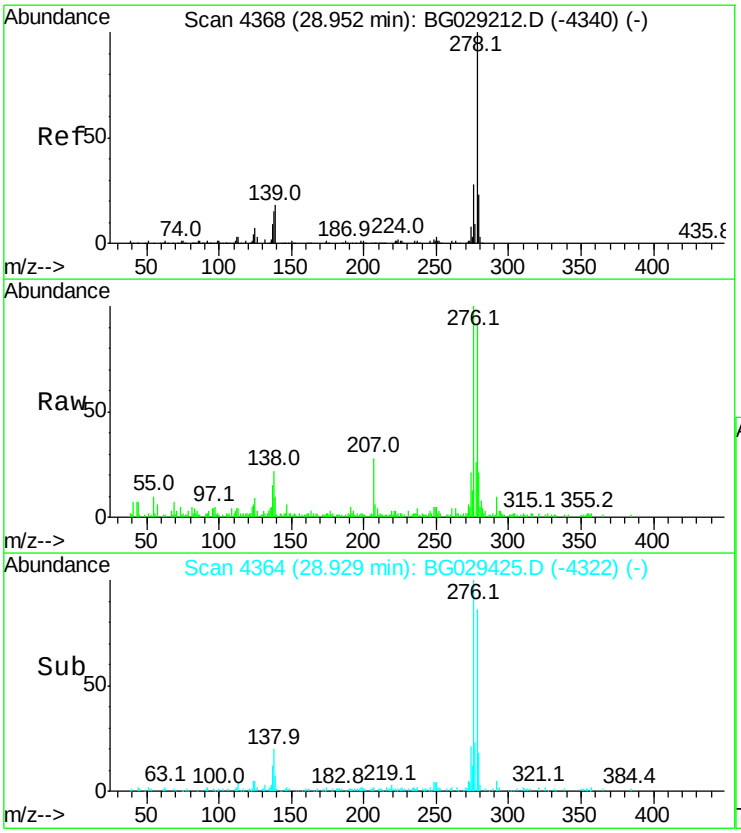
#89
Indeno(1,2,3-cd)pyrene
Concen: 9.268 ng/ul
RT: 28.87 min Scan# 4354
Delta R.T. -0.04 min
Lab File: BG029425.D
Acq: 24 Oct 2017 15:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 308051

Ion	Ratio	Lower	Upper
276	100		
138	15.5	13.4	20.0
277	23.2	18.6	28.0

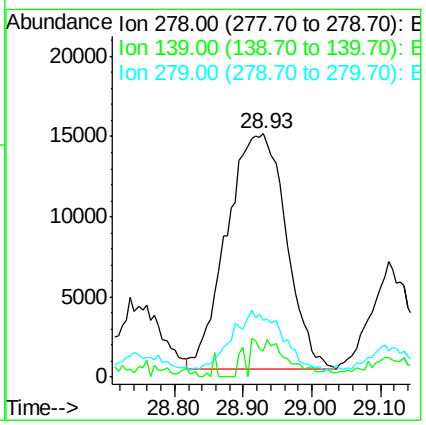


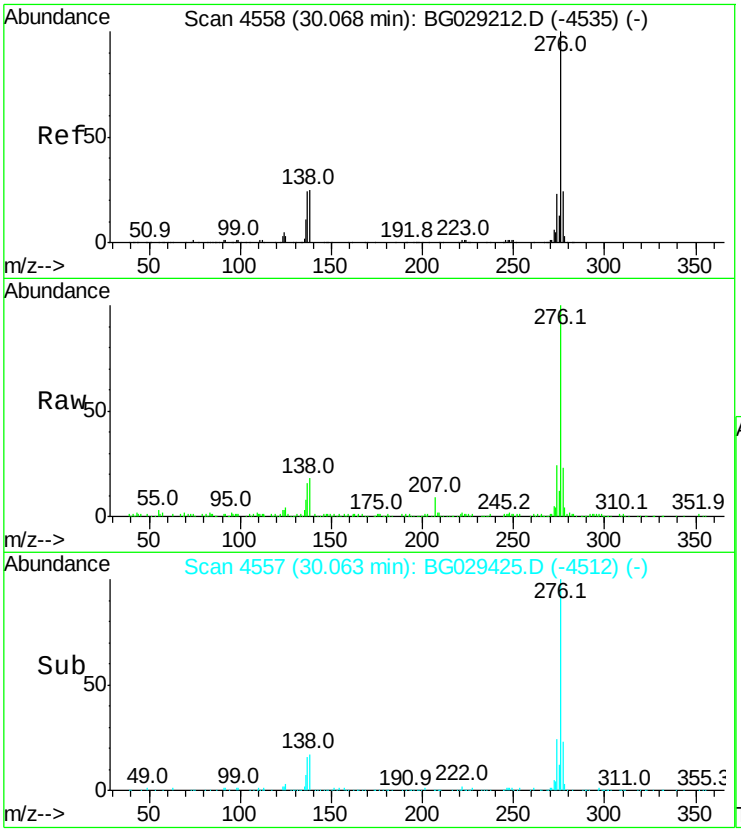


#90
Dibenzo(a,h)anthracene
Concen: 3.164 ng/ul
RT: 28.93 min Scan# 4364
Delta R.T. -0.05 min
Lab File: BG029425.D
Acq: 24 Oct 2017 15:21

Tgt Ion:278 Resp: 87362

Ion	Ratio	Lower	Upper
278	100		
139	10.5	9.4	14.2
279	23.4	18.4	27.6





#91
Benzo(g,h,i)perylene
Concen: 9.734 ng/ul
RT: 30.06 min Scan# 4557
Delta R.T. -0.04 min
Lab File: BG029425.D
Acq: 24 Oct 2017 15:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 268170

Ion	Ratio	Lower	Upper
276	100		
138	17.9	12.1	18.1
277	23.3	17.7	26.5