Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082417\
Data File : BG028459.D
Acq On : 24 Aug 2017 14:10
Operator : SJ/JU
Sample : I4827-05ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AB4ME

Quant Time: Aug 25 01:08:28 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 25 01:07:54 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	35069	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	150076	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	110869	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.80	188	463975	20.00	ng/ul	0.10
75) Chrysene-d12	22.03	240	346368	20.00	ng/ul	0.00
83) Perylene-d12	25.54	264	330888	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.82	96	3017	4.01	ng/uL	0.00
5) Phenol-d5	7.49	99	86233	22.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.65	67	55593	22.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.87	132	65416	26.92	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	79197	24.60	ng/ul	0.00
19) Nitrobenzene-d5	9.50	128	34451	29.36	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.23	143	42546	33.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	80482	30.23	ng/ul	0.00
29) 4-Chloroaniline-d4	11.29	131	79395	26.79	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	329133	33.38	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	335874	30.21	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	46640	29.75	ng/ul	0.00
57) Fluorene-d10	15.94	176	262866	29.71	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.14	200	749	0.25	ng/ul	0.08
70) Anthracene-d10	17.80	188	463975	20.85	ng/ul	0.00
76) Pyrene-d10	20.07	212	560325	31.55	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.29	264	555886	35.89	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	11.21	128	58839	7.916	ng/ul#	94
30) 4-Chloroaniline	11.21	127	7781	2.709	ng/ul#	17
34) 2-Methylnaphthalene	12.79	142	22212	3.720	ng/ul	88
44) Dimethylphthalate	14.38	163	58256	6.416	ng/ul#	95
47) Acenaphthylene	14.67	152	11347	1.068	ng/ul#	87
49) Acenaphthene	15.01	153	36796	5.133	ng/ul	95
53) Dibenzofuran	15.34	168	61245	5.860	ng/ul	99
58) Fluorene	15.99	166	72627	7.848	ng/ul	94
69) Phenanthrene	17.83	178	163043	6.983	ng/ul	96
71) Anthracene	17.83	178	163043	6.832	ng/ul	97
72) Carbazole	18.10	167	81546	3.929	ng/ul	95
74) Fluoranthene	19.74	202	936478	33.001	ng/ul	99
77) Pyrene	20.10	202	829691	40.150	ng/ul	99
80) Benzo(a)anthracene	22.01	228	407573	20.366	ng/ul	94
82) Chrysene	22.08	228	365862	20.299	ng/ul	95
85) Benzo(b)fluoranthene	24.42	252	459408	23.202	ng/ul	98
86) Benzo(k)fluoranthene	24.42	252	459408	23.753	ng/ul	99
88) Benzo(a)pyrene	25.37	252	354604	18.496	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	29.56	276	216830	9.658	ng/ul	94
90) Dibenzo(a,h)anthracene	29.60	278	51480	2.736	ng/ul	96
91) Benzo(g,h,i)perylene	30.82	276	183177	9.918	ng/ul	97

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082417\
Data File : BG028459.D
Acq On : 24 Aug 2017 14:10
Operator : SJ/JU
Sample : I4827-05ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AB4ME

Quant Time: Aug 25 01:08:28 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 25 01:07:54 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\BG082417\
Data File : BG028459.D
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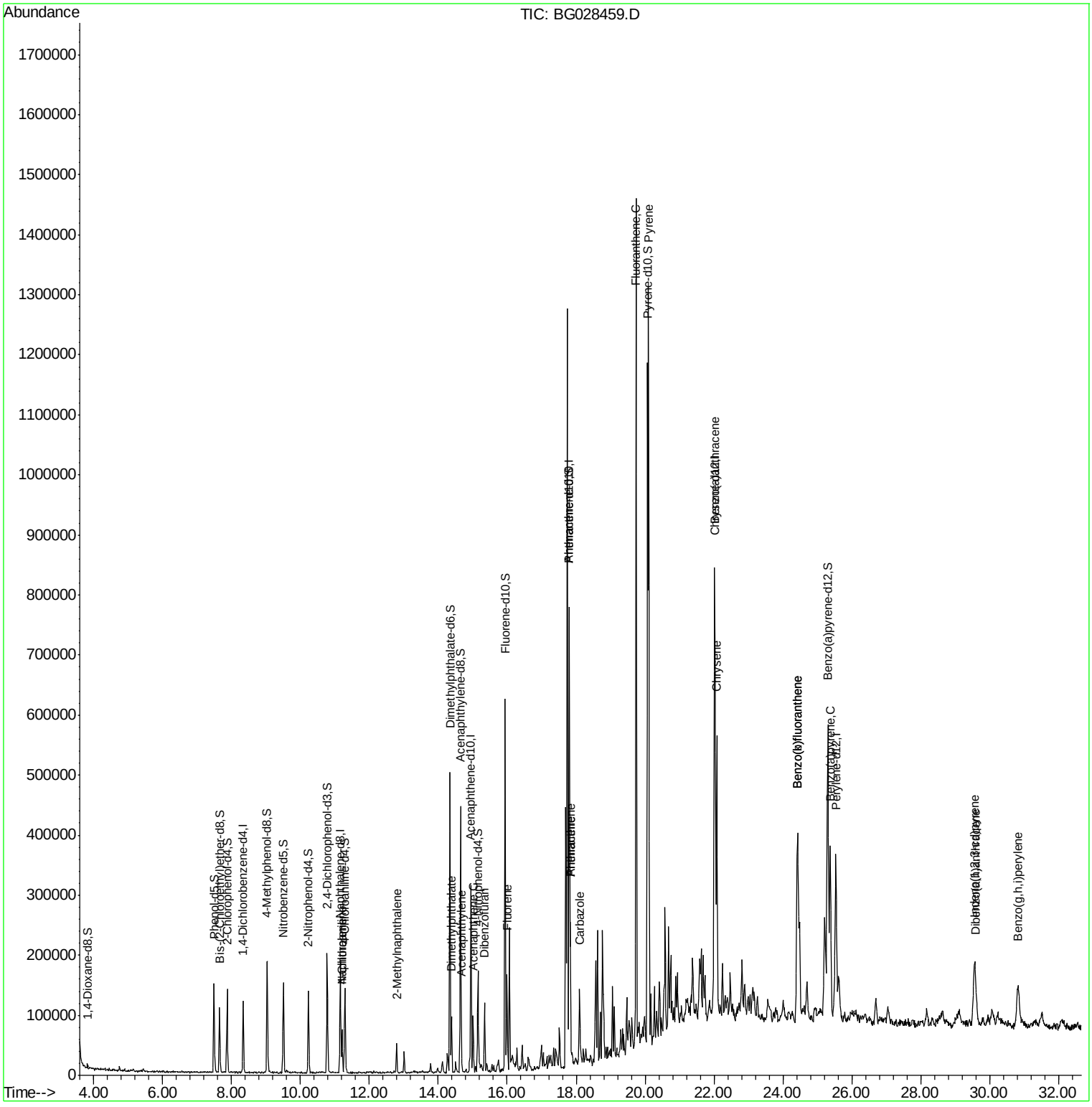
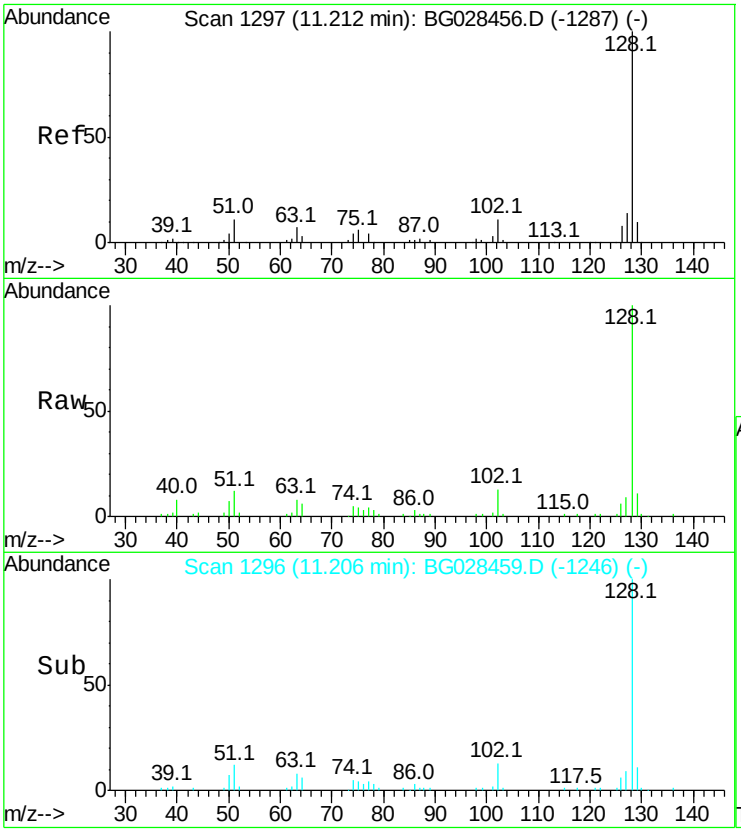
QLast Update : Fri Aug 25 01:07:54 2017
Response via : Initial Calibration



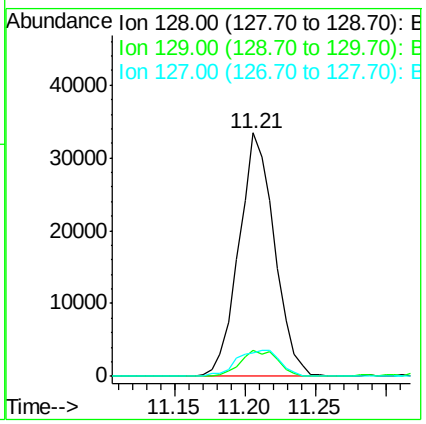


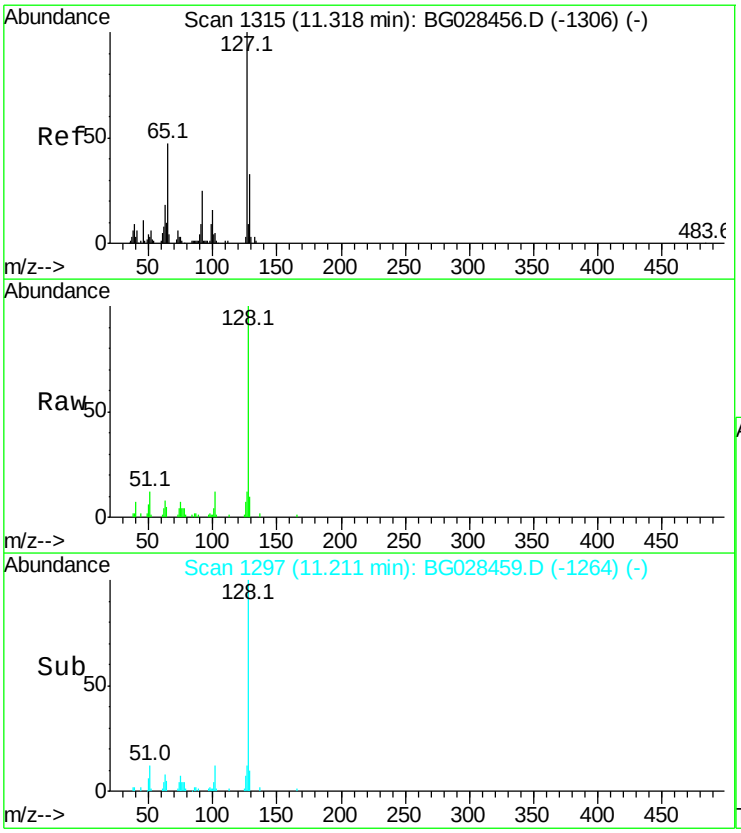
#28
Naphthalene
Concen: 7.916 ng/ul
RT: 11.21 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BG028459.D
Acq: 24 Aug 2017 14:10

Instrument :
BNA_G
ClientSampleId :
B0AB4ME

Tgt Ion:128 Resp: 58839

Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.4	14.2
127	9.4	10.3	15.5#

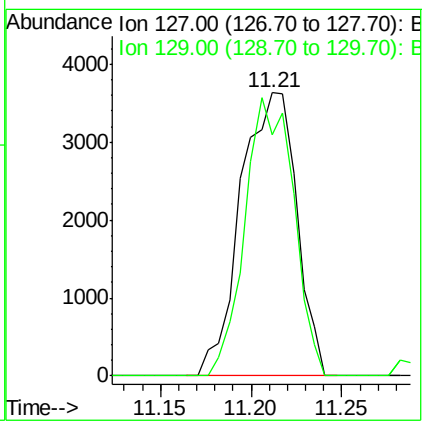


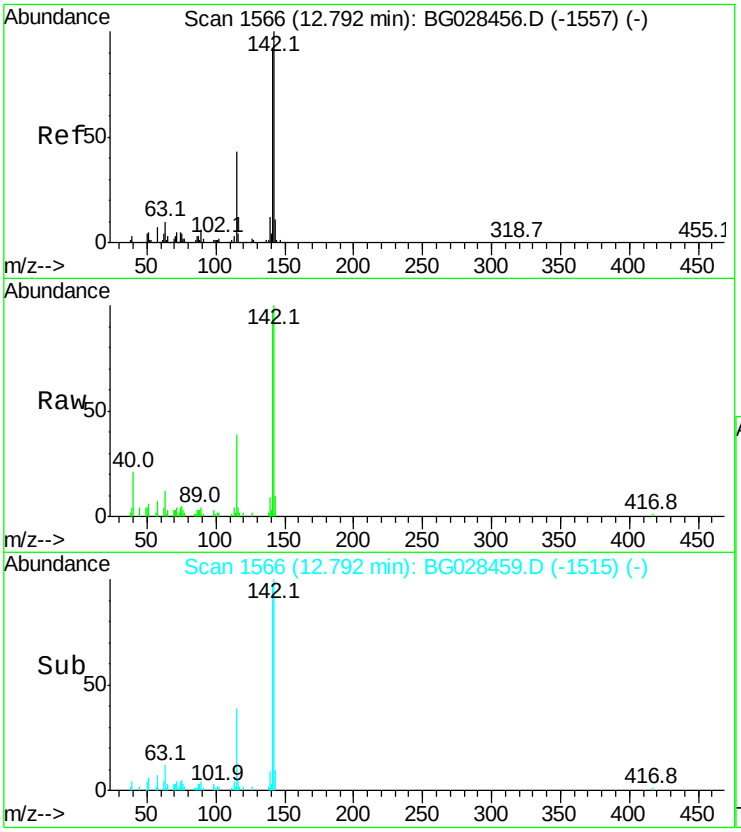


#30
4-Chloroaniline
Concen: 2.709 ng/ul
RT: 11.21 min Scan# 1297
Delta R.T. -0.11 min
Lab File: BG028459.D
Acq: 24 Aug 2017 14:10

Tgt Ion:127 Resp: 7781

Ion	Ratio	Lower	Upper
127	100		
129	85.0	28.9	43.3#



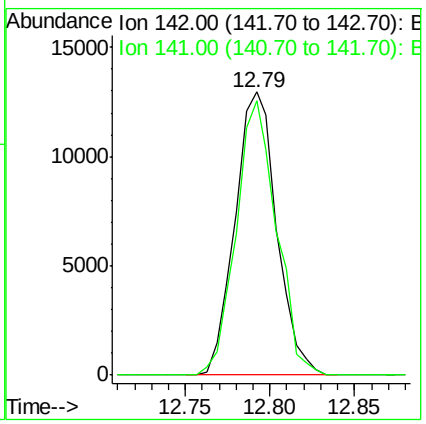


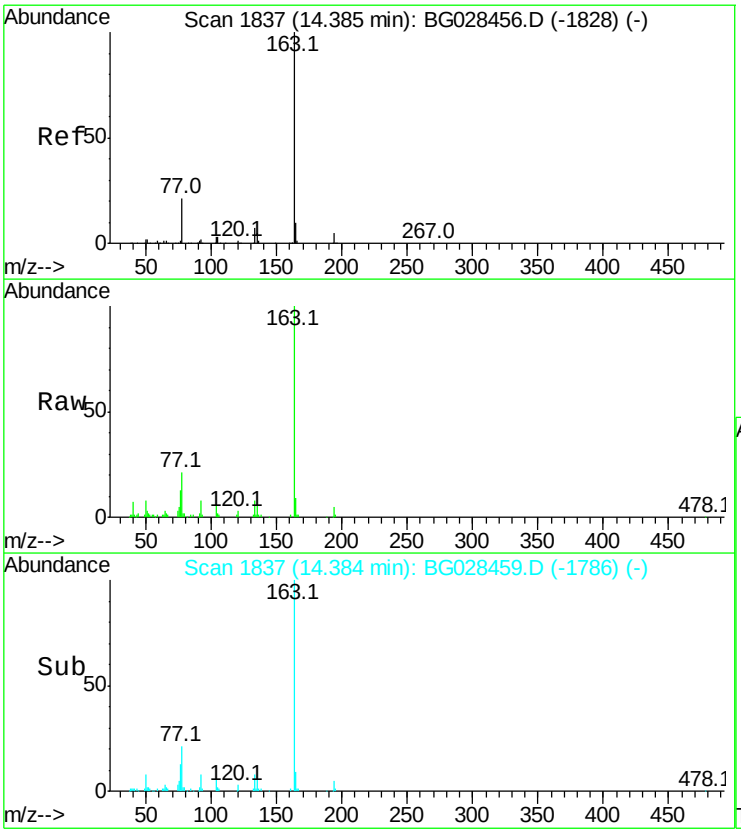
#34
2-Methylnaphthalene
Concen: 3.720 ng/ul
RT: 12.79 min Scan# 1566
Delta R.T. -0.00 min
Lab File: BG028459.D
Acq: 24 Aug 2017 14:10

Instrument :
BNA_G
ClientSampleId :
B0AB4ME

Tgt Ion:142 Resp: 22212

Ion	Ratio	Lower	Upper
142	100		
141	97.1	68.6	102.8

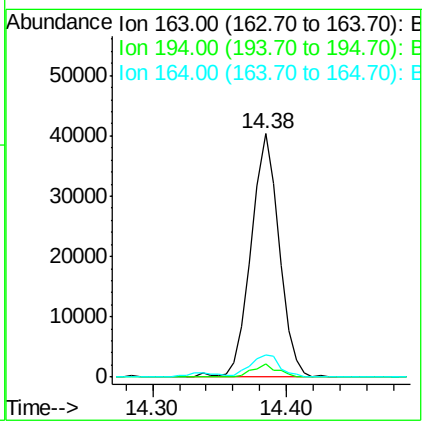


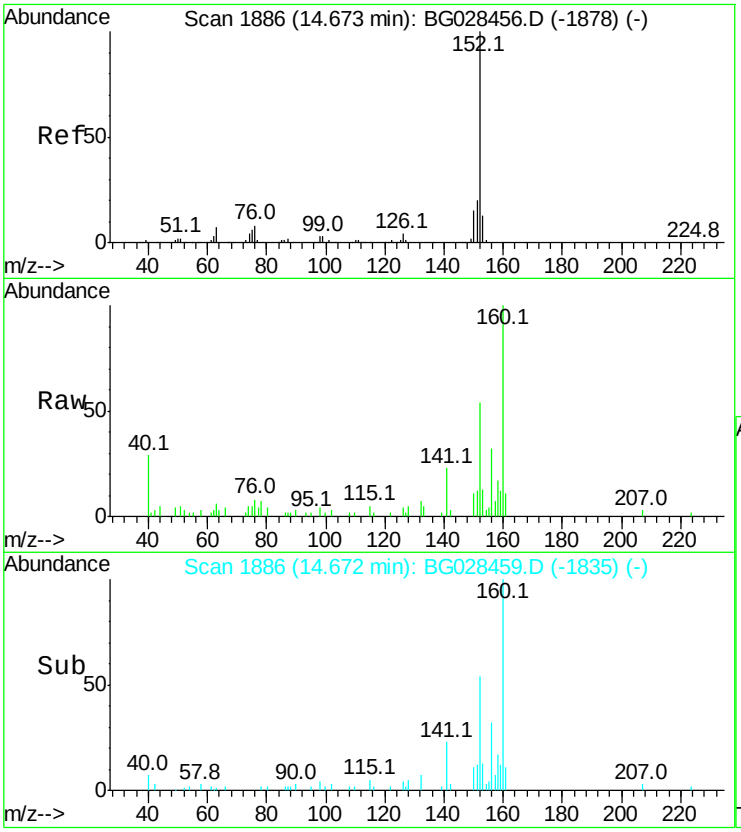


#44
Dimethylphthalate
Concen: 6.416 ng/ul
RT: 14.38 min Scan# 1837
Delta R.T. -0.00 min
Lab File: BG028459.D
Acq: 24 Aug 2017 14:10

Tgt Ion:163 Resp: 58256

Ion	Ratio	Lower	Upper
163	100		
194	5.2	3.4	5.0#
164	9.2	9.0	13.4



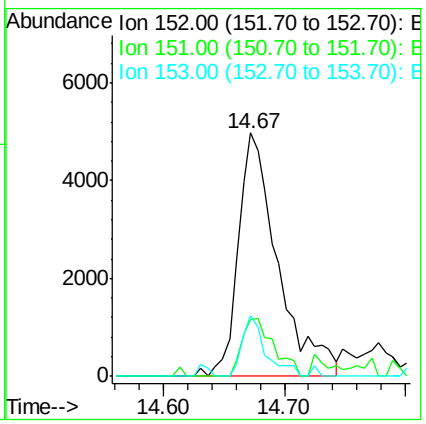


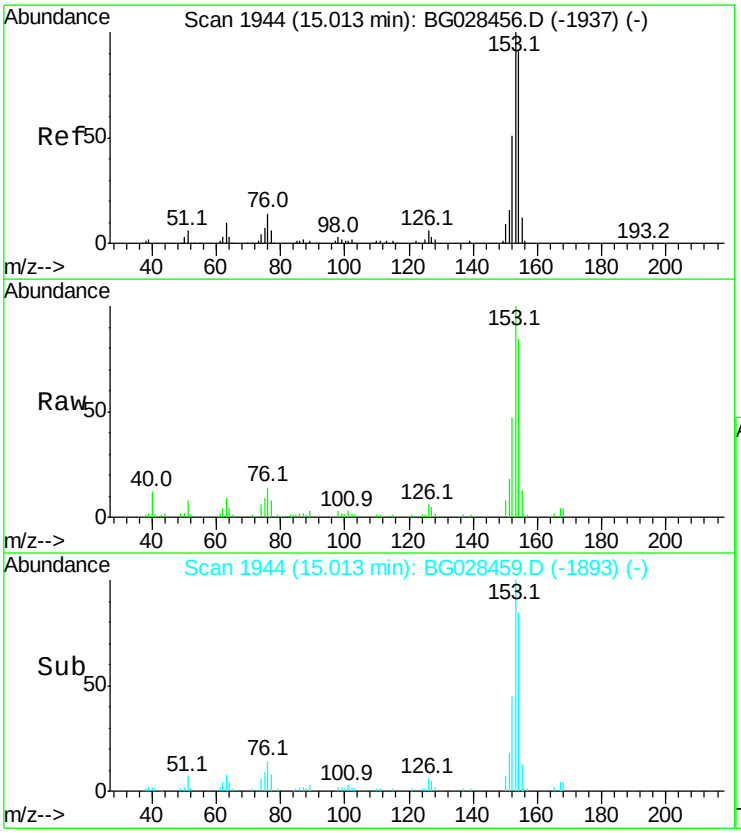
#47
Acenaphthylene
Concen: 1.068 ng/ul
RT: 14.67 min Scan# 1886
Delta R.T. -0.00 min
Lab File: BG028459.D
Acq: 24 Aug 2017 14:10

Instrument :
BNA_G
ClientSampleId :
B0AB4ME

Tgt Ion:152 Resp: 11347

Ion	Ratio	Lower	Upper
152	100		
151	23.1	16.7	25.1
153	24.7	11.4	17.2#

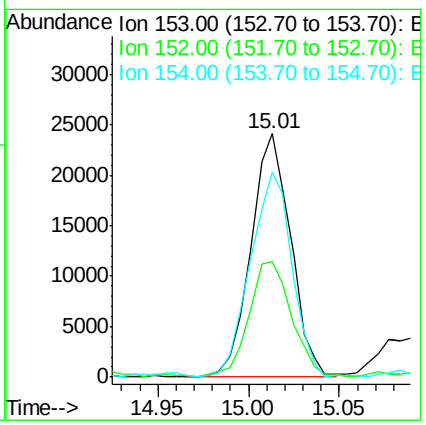


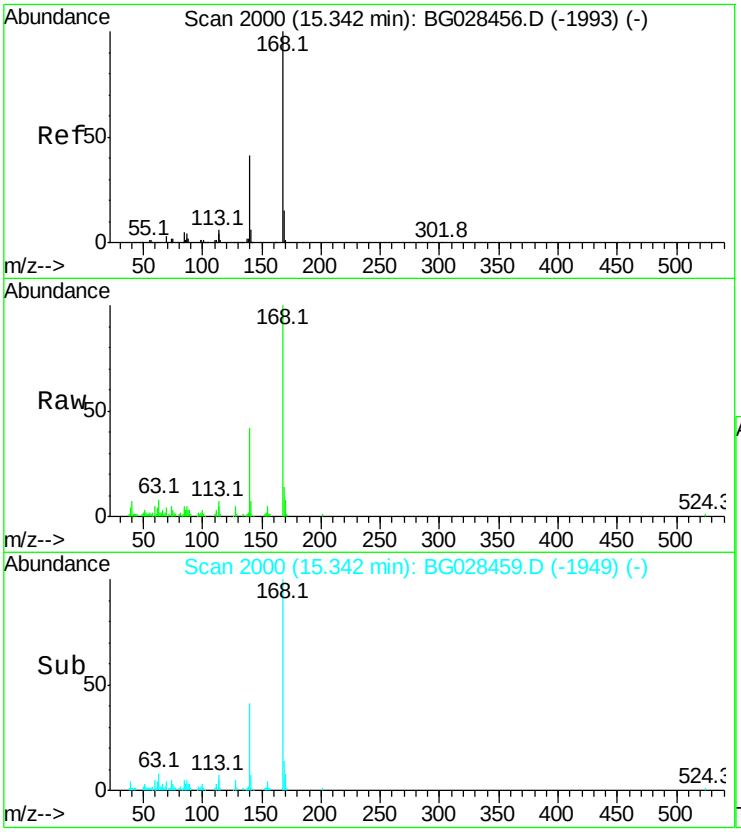


#49
Acenaphthene
Concen: 5.133 ng/ul
RT: 15.01 min Scan# 1944
Delta R.T. -0.00 min
Lab File: BG028459.D
Acq: 24 Aug 2017 14:10

Tgt Ion:153 Resp: 36796

Ion	Ratio	Lower	Upper
153	100		
152	47.4	36.5	54.7
154	84.2	72.3	108.5



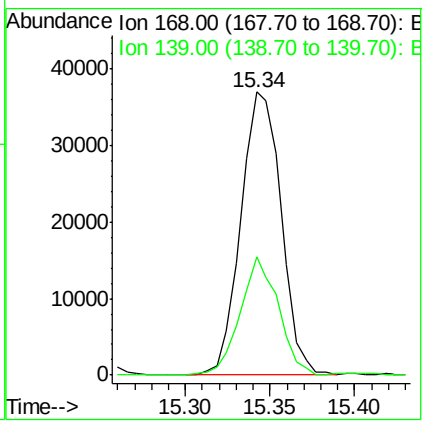


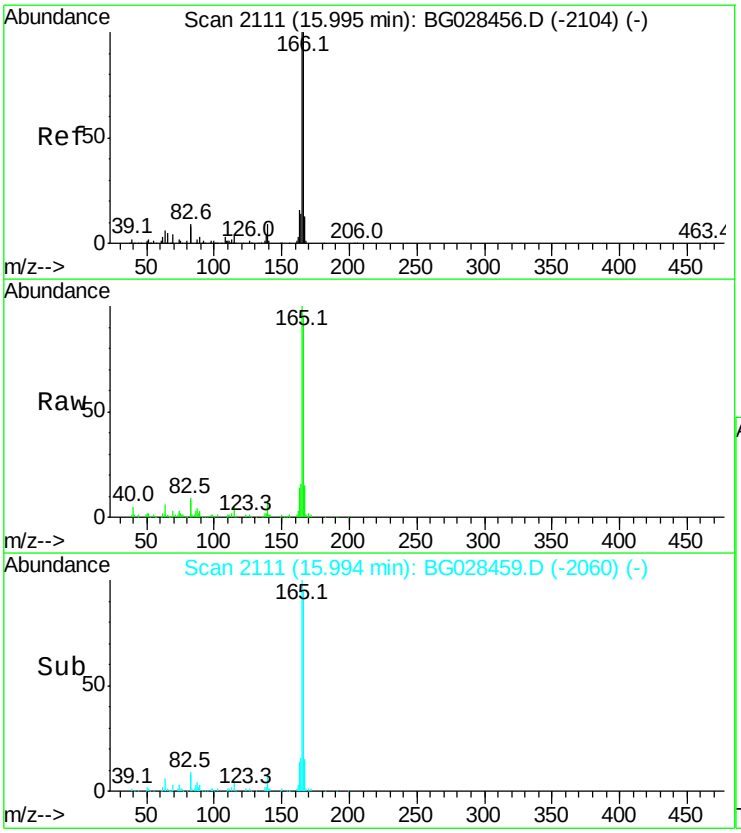
#53
Dibenzofuran
Concen: 5.860 ng/ul
RT: 15.34 min Scan# 2000
Delta R.T. -0.00 min
Lab File: BG028459.D
Acq: 24 Aug 2017 14:10

Instrument :
BNA_G
ClientSampleId :
B0AB4ME

Tgt Ion:168 Resp: 61245

Ion	Ratio	Lower	Upper
168	100		
139	41.6	33.8	50.8

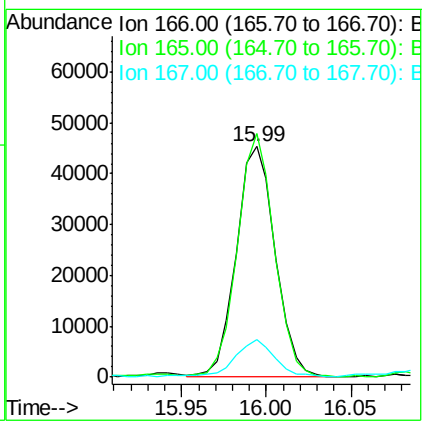


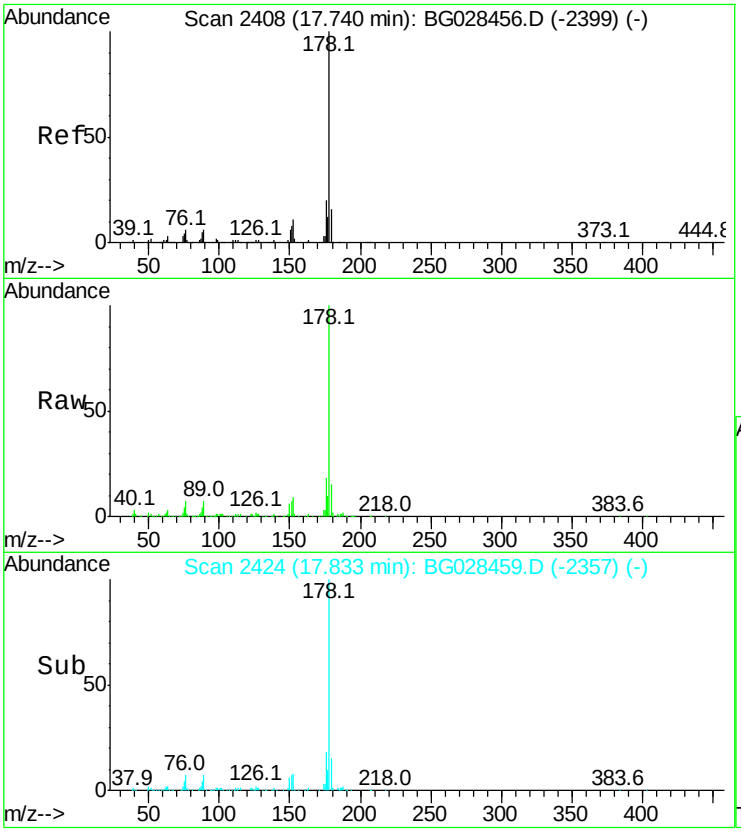


#58
Fluorene
Concen: 7.848 ng/ul
RT: 15.99 min Scan# 2111
Delta R.T. -0.00 min
Lab File: BG028459.D
Acq: 24 Aug 2017 14:10

Tgt Ion:166 Resp: 72627

Ion	Ratio	Lower	Upper
166	100		
165	105.6	79.7	119.5
167	16.3	11.4	17.2



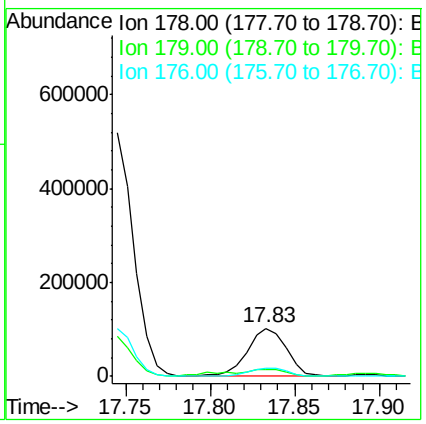


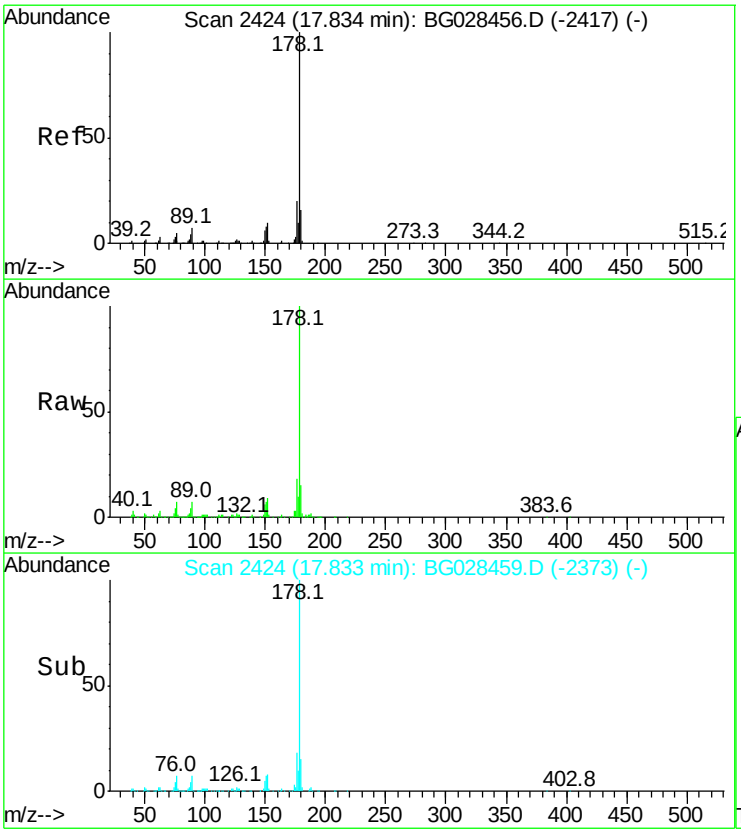
#69
Phenanthrene
Concen: 6.983 ng/ul
RT: 17.83 min Scan# 2424
Delta R.T. 0.09 min
Lab File: BG028459.D
Acq: 24 Aug 2017 14:10

Instrument :
BNA_G
ClientSampleId :
B0AB4ME

Tgt Ion:178 Resp: 163043

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.4	18.6
176	17.8	16.5	24.7

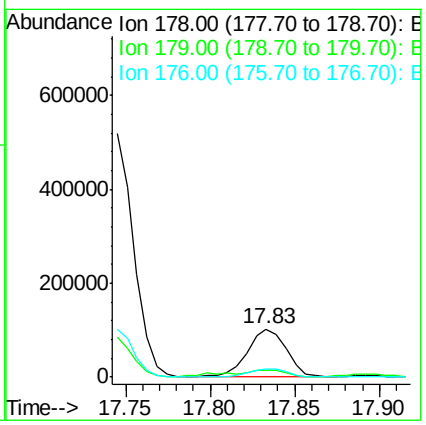


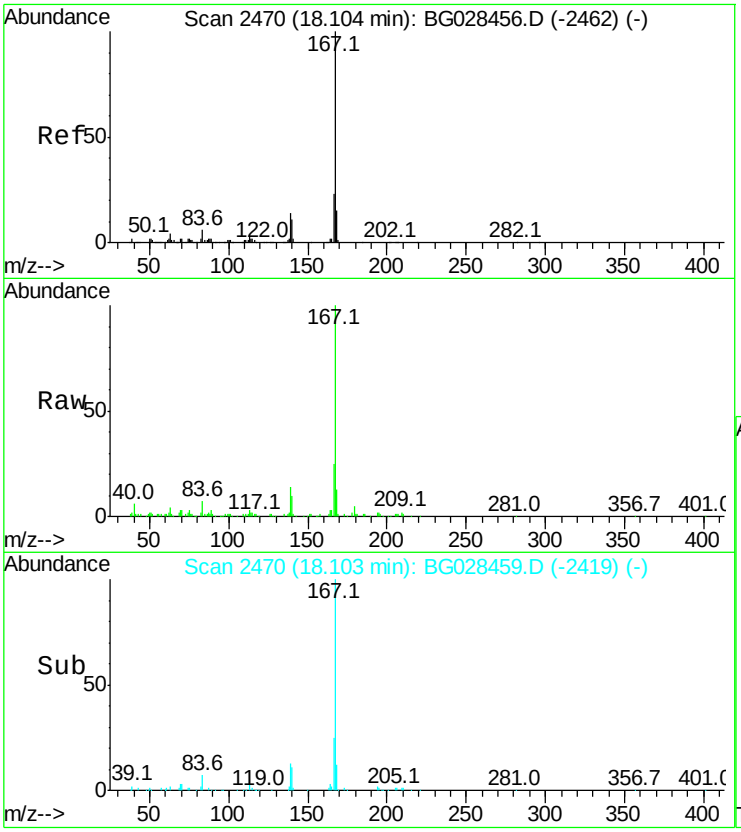


#71
Anthracene
Concen: 6.832 ng/ul
RT: 17.83 min Scan# 2424
Delta R.T. -0.00 min
Lab File: BG028459.D
Acq: 24 Aug 2017 14:10

Tgt Ion:178 Resp: 163043

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	19.0
176	17.8	15.9	23.9



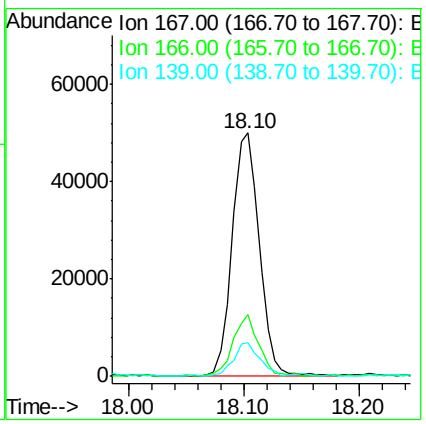


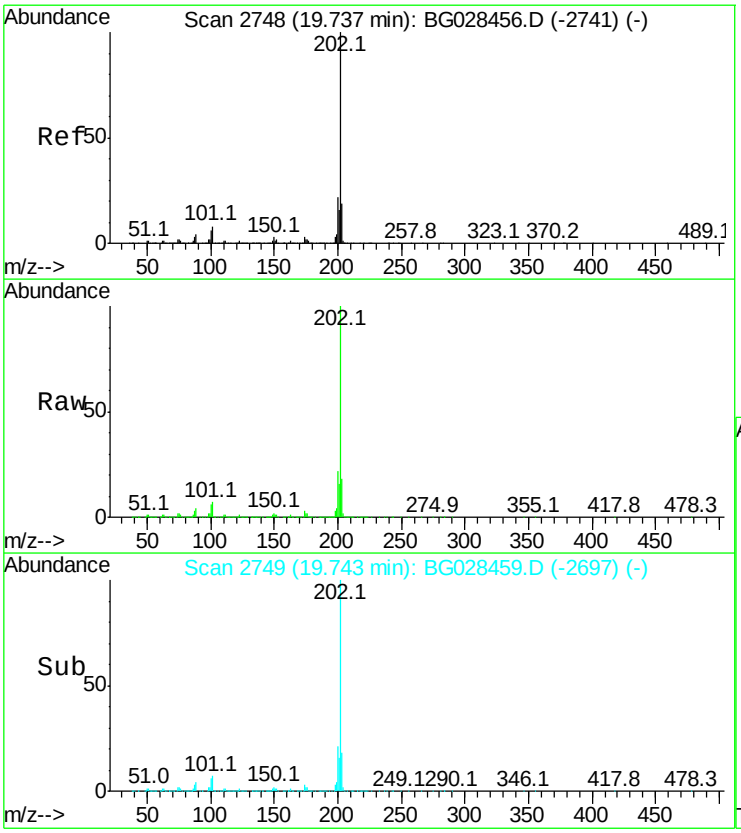
#72
Carbazole
Concen: 3.929 ng/ul
RT: 18.10 min Scan# 2470
Delta R.T. -0.00 min
Lab File: BG028459.D
Acq: 24 Aug 2017 14:10

Instrument :
BNA_G
ClientSampleId :
B0AB4ME

Tgt Ion:167 Resp: 81546

Ion	Ratio	Lower	Upper
167	100		
166	25.3	17.9	26.9
139	14.0	10.5	15.7

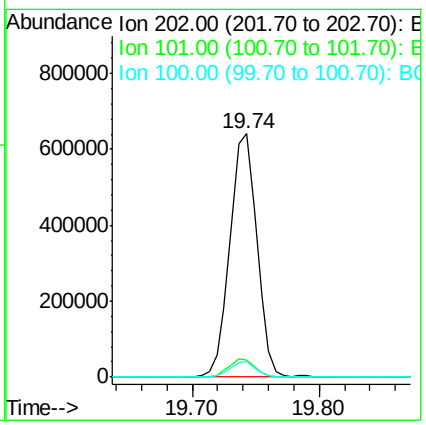


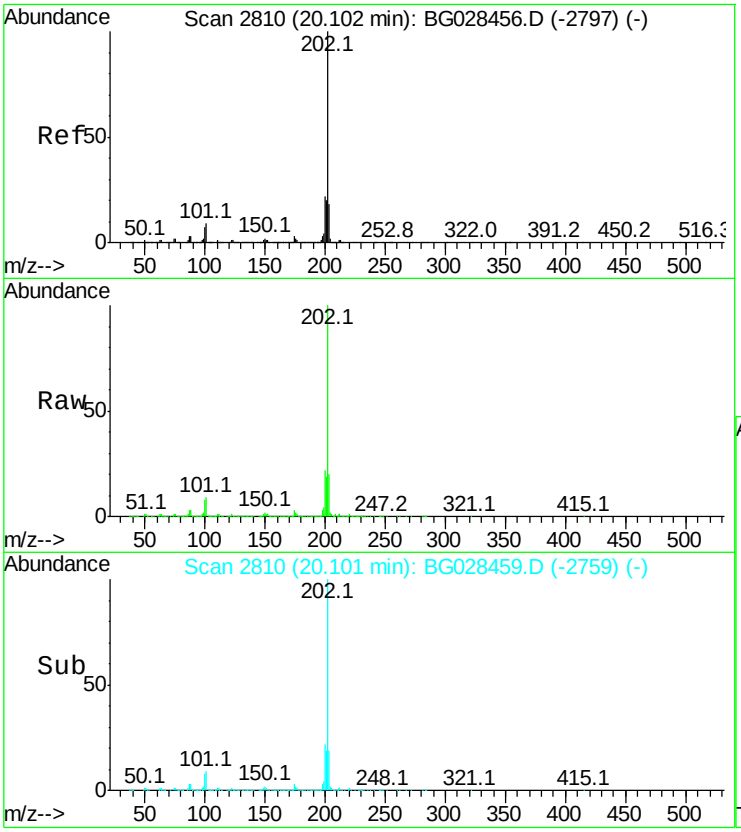


#74
Fluoranthene
Concen: 33.001 ng/ul
RT: 19.74 min Scan# 2749
Delta R.T. 0.01 min
Lab File: BG028459.D
Acq: 24 Aug 2017 14:10

Tgt Ion:202 Resp: 936478

Ion	Ratio	Lower	Upper
202	100		
101	7.1	6.2	9.2
100	6.4	5.2	7.8



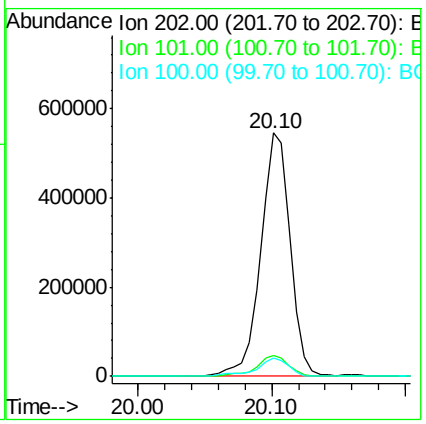


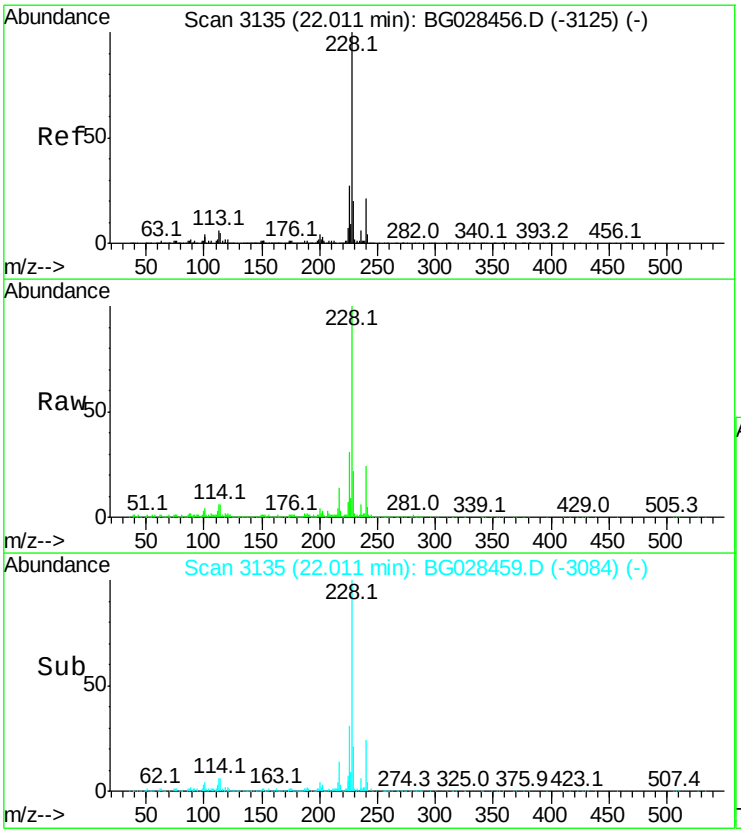
#77
Pyrene
Concen: 40.150 ng/ul
RT: 20.10 min Scan# 2810
Delta R.T. -0.00 min
Lab File: BG028459.D
Acq: 24 Aug 2017 14:10

Instrument :
BNA_G
ClientSampleId :
B0AB4ME

Tgt Ion:202 Resp: 829691

Ion	Ratio	Lower	Upper
202	100		
101	8.9	6.9	10.3
100	7.7	6.6	10.0

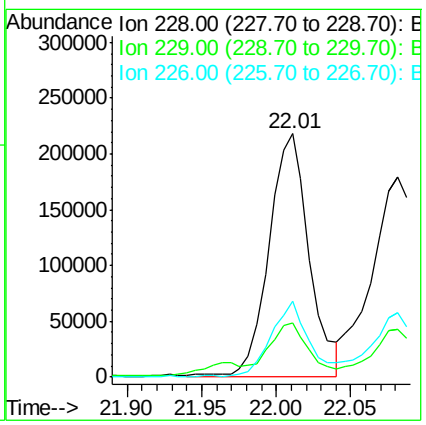


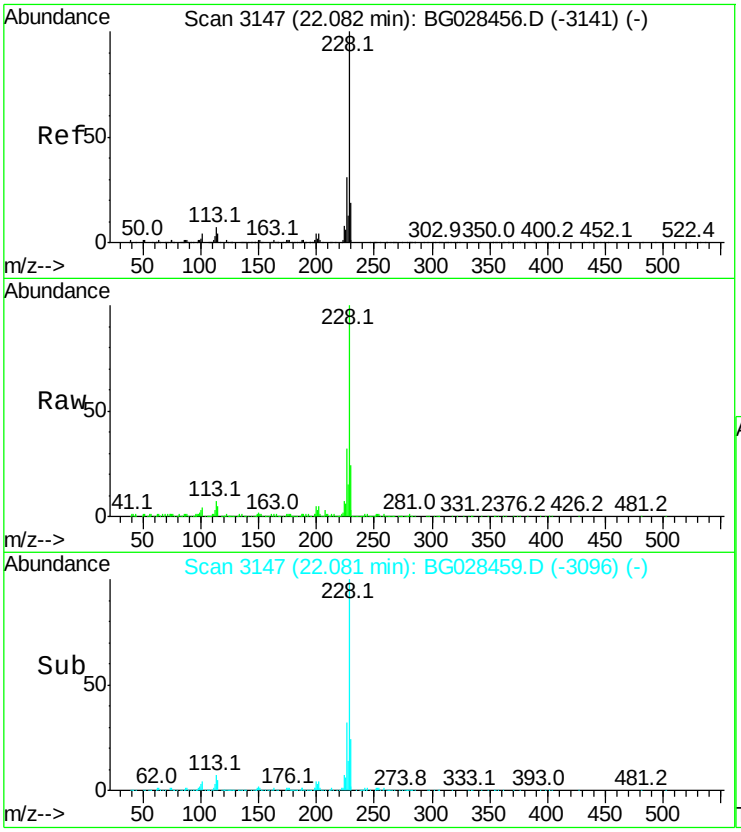


#80
Benzo(a)anthracene
Concen: 20.366 ng/ul
RT: 22.01 min Scan# 3135
Delta R.T. -0.00 min
Lab File: BG028459.D
Acq: 24 Aug 2017 14:10

Tgt Ion:228 Resp: 407573

Ion	Ratio	Lower	Upper
228	100		
229	22.4	16.3	24.5
226	31.1	21.9	32.9



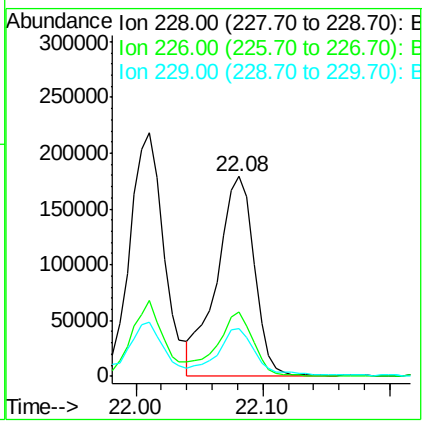


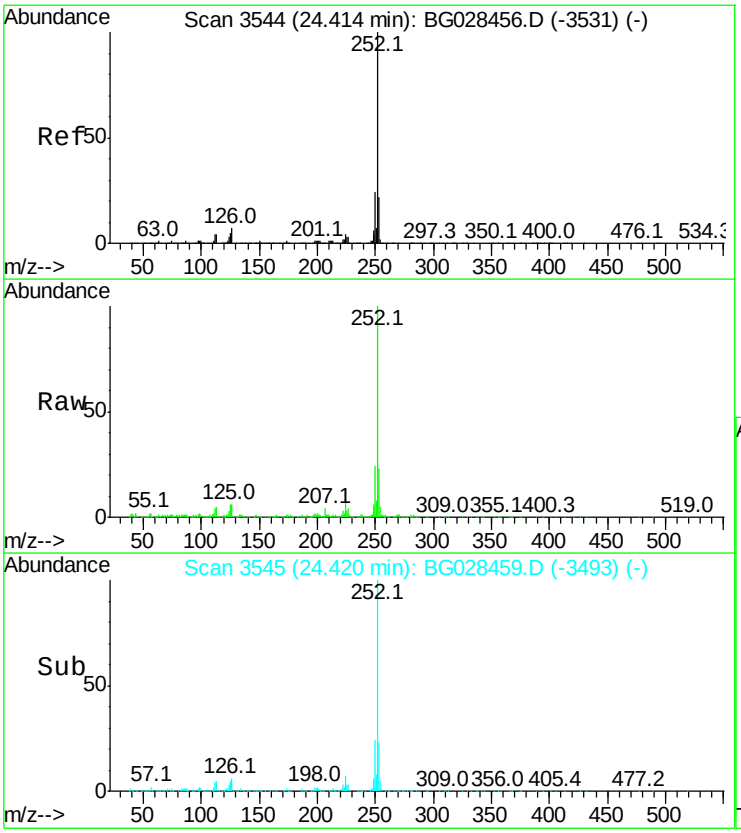
#82
Chrysene
Concen: 20.299 ng/ul
RT: 22.08 min Scan# 3147
Delta R.T. -0.00 min
Lab File: BG028459.D
Acq: 24 Aug 2017 14:10

Instrument :
BNA_G
ClientSampleId :
B0AB4ME

Tgt Ion:228 Resp: 365862

Ion	Ratio	Lower	Upper
228	100		
226	32.2	24.0	36.0
229	24.0	16.9	25.3

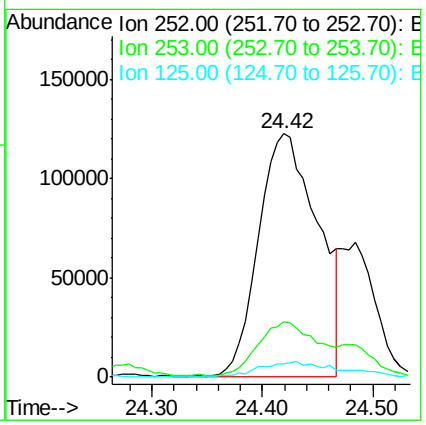


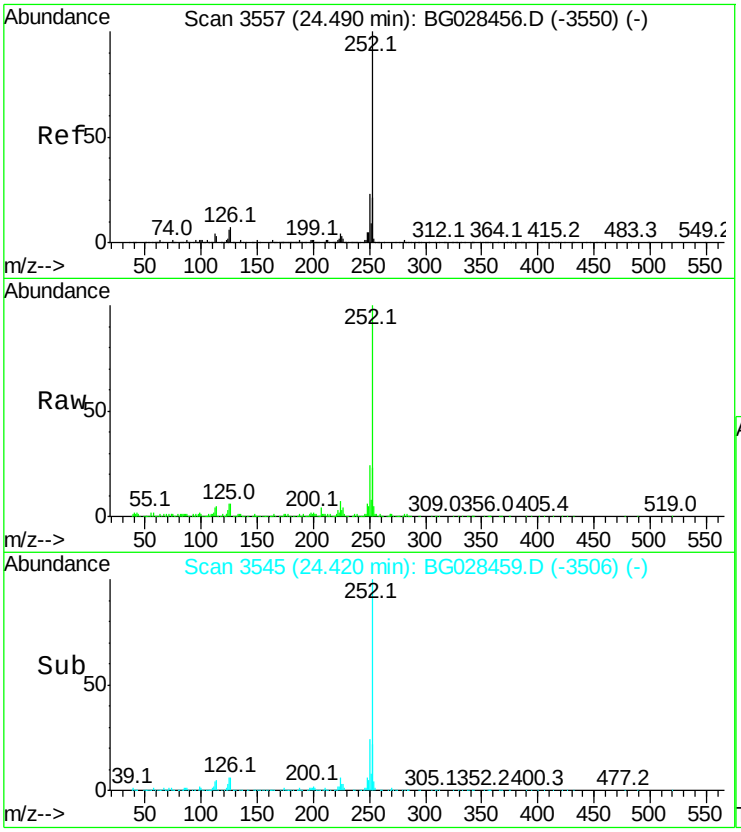


#85
Benzo(b)fluoranthene
Concen: 23.202 ng/ul
RT: 24.42 min Scan# 3545
Delta R.T. 0.01 min
Lab File: BG028459.D
Acq: 24 Aug 2017 14:10

Tgt Ion:252 Resp: 459408

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.7	26.5
125	5.7	4.0	6.0



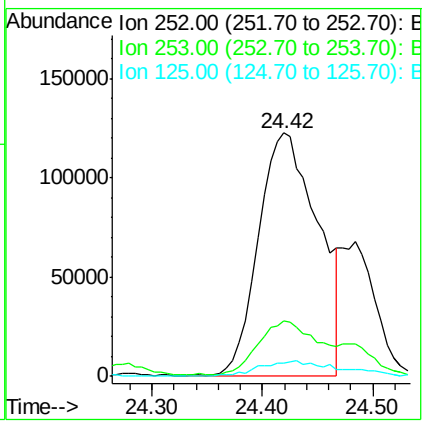


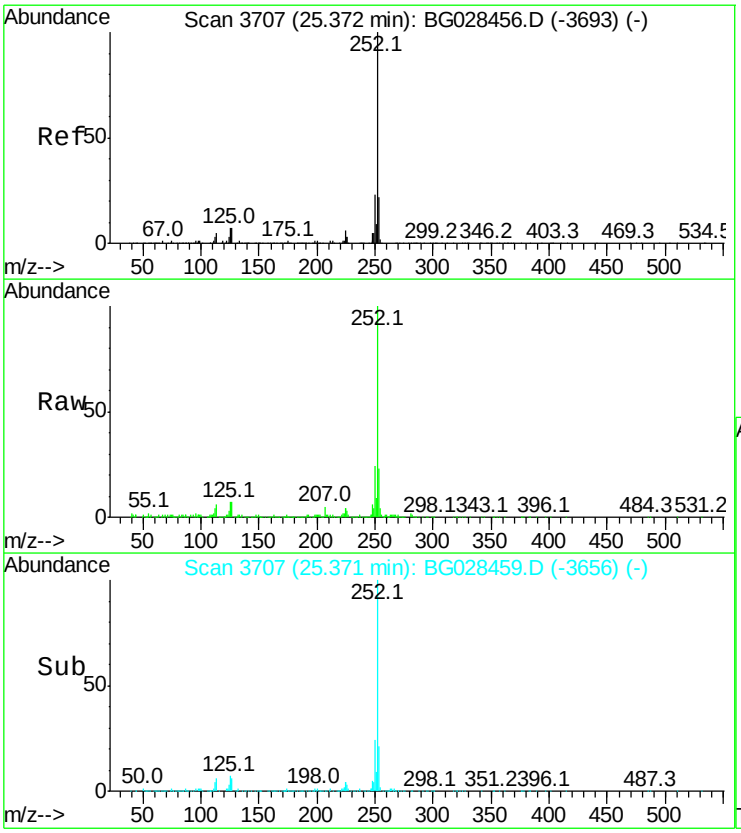
#86
Benzo(k)fluoranthene
Concen: 23.753 ng/ul
RT: 24.42 min Scan# 3545
Delta R.T. -0.07 min
Lab File: BG028459.D
Acq: 24 Aug 2017 14:10

Instrument :
BNA_G
ClientSampleId :
B0AB4ME

Tgt Ion:252 Resp: 459408

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.5	27.7
125	5.7	4.1	6.1

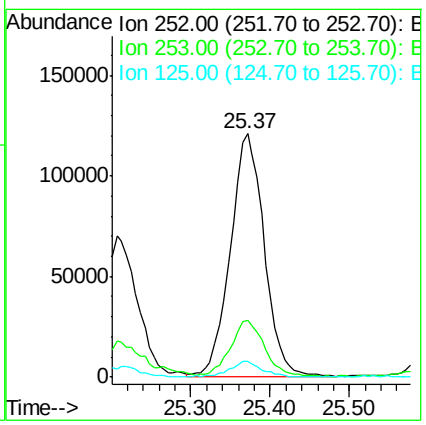


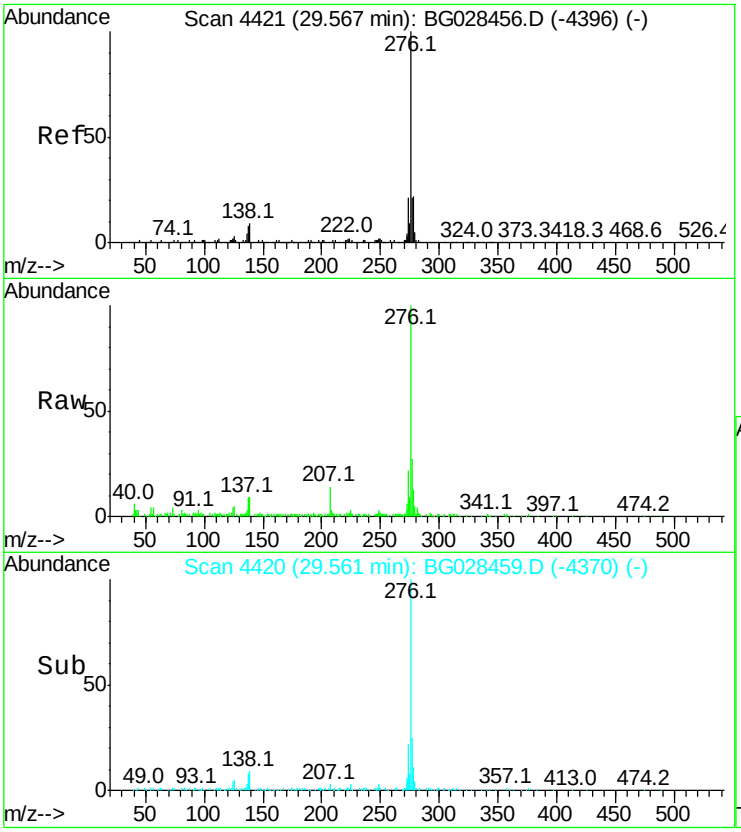


#88
Benzo(a)pyrene
Concen: 18.496 ng/ul
RT: 25.37 min Scan# 3707
Delta R.T. -0.00 min
Lab File: BG028459.D
Acq: 24 Aug 2017 14:10

Tgt Ion:252 Resp: 354604

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.6
125	6.7	5.4	8.0



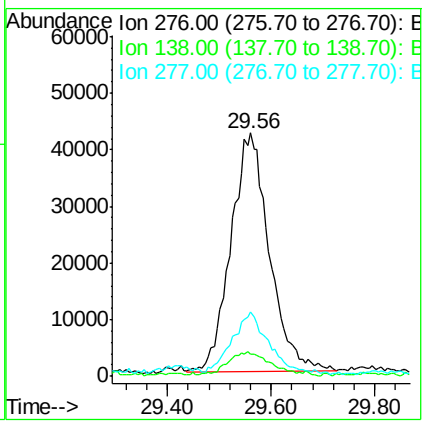


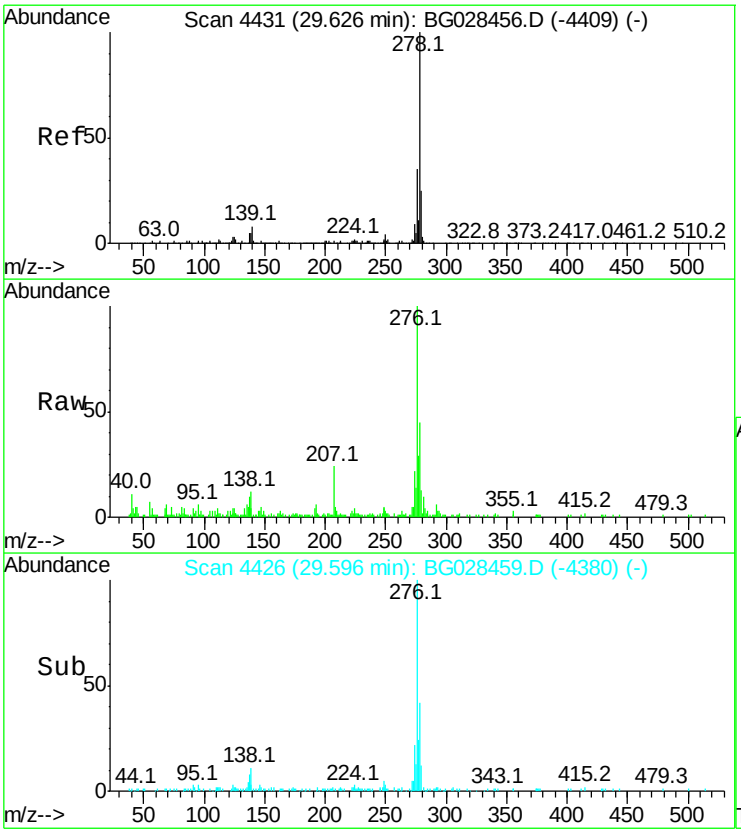
#89
Indeno(1,2,3-cd)pyrene
Concen: 9.658 ng/ul
RT: 29.56 min Scan# 4420
Delta R.T. -0.01 min
Lab File: BG028459.D
Acq: 24 Aug 2017 14:10

Instrument :
BNA_G
ClientSampleId :
B0AB4ME

Tgt Ion:276 Resp: 216830

Ion	Ratio	Lower	Upper
276	100		
138	9.0	8.2	12.4
277	26.6	18.6	28.0

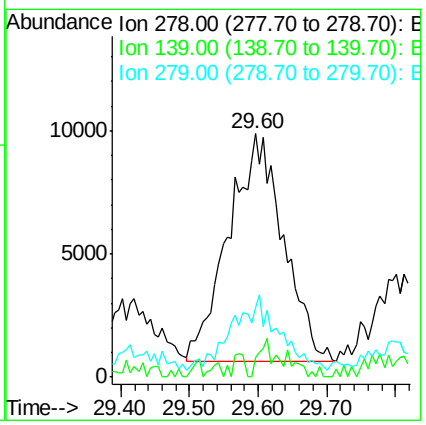


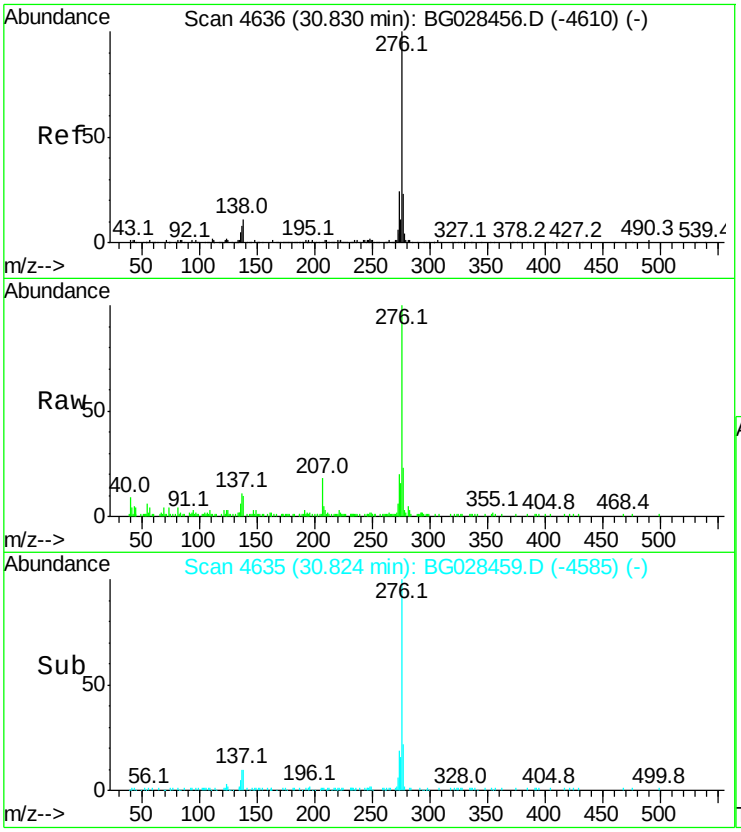


#90
Dibenzo(a,h)anthracene
Concen: 2.736 ng/ul
RT: 29.60 min Scan# 4426
Delta R.T. -0.03 min
Lab File: BG028459.D
Acq: 24 Aug 2017 14:10

Tgt Ion:278 Resp: 51480

Ion	Ratio	Lower	Upper
278	100		
139	8.1	6.7	10.1
279	28.6	20.9	31.3





#91
Benzo(g,h,i)perylene
Concen: 9.918 ng/ul
RT: 30.82 min Scan# 4635
Delta R.T. -0.01 min
Lab File: BG028459.D
Acq: 24 Aug 2017 14:10

Instrument :
BNA_G
ClientSampleId :
B0AB4ME

Tgt Ion:276 Resp: 183177

Ion	Ratio	Lower	Upper
276	100		
138	9.9	8.6	12.8
277	23.4	17.6	26.4