Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025227.D
Acq On : 16 Dec 2016 1:11
Operator : UM/SJ
Sample : H5995-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Dec 16 05:59:45 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 16 05:54:49 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	79204	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	342788	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.85	164	274851	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	528902	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	676146	20.00	ng/ul	0.00
83) Perylene-d12	25.31	264	690002	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.58	96	2808	1.83	ng/uL	0.00
5) Phenol-d5	7.39	99	82503	12.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.54	67	48383	11.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	58204	12.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	67983	11.91	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	29560	12.18	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	38083	12.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	73247	12.59	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	6072	1.06	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	231035	12.22	ng/ul	0.00
46) Acenaphthylene-d8	14.55	160	281238	13.58	ng/ul	0.00
51) 4-Nitrophenol-d4	15.07	143	30953	9.53	ng/ul	0.01
57) Fluorene-d10	15.84	176	206996	11.63	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	35160	10.75	ng/ul	0.00
70) Anthracene-d10	17.70	188	309873	13.88	ng/ul	0.00
76) Pyrene-d10	19.97	212	369245	13.26	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.07	264	362436	12.96	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.42	94	40575	5.79	ng/ul	95
11) 2-Methylphenol	8.67	108	22335	4.33	ng/ul	89
14) Acetophenone	9.07	105	10639	1.22	ng/ul	86
16) 4-Methylphenol	9.01	108	36241	6.31	ng/ul	97
24) 2,4-Dimethylphenol	10.22	107	51702	7.37	ng/ul	96
28) Naphthalene	11.11	128	68734	4.31	ng/ul	98
34) 2-Methylnaphthalene	12.70	142	32279	2.57	ng/ul	98
44) Dimethylphthalate	14.30	163	48793	2.63	ng/ul	98
49) Acenaphthene	14.92	153	107409	7.79	ng/ul	96
53) Dibenzofuran	15.25	168	72164	3.31	ng/ul	94
58) Fluorene	15.90	166	80899	4.56	ng/ul	92
69) Phenanthrene	17.64	178	679926	26.93	ng/ul	98
71) Anthracene	17.73	178	153919	5.93	ng/ul	97
72) Carbazole	18.00	167	95298	4.40	ng/ul	97
73) Di-n-butylphthalate	18.52	149	40703	1.49	ng/ul#	84
74) Fluoranthene	19.64	202	891135	29.71	ng/ul	100
77) Pyrene	20.00	202	802553	24.69	ng/ul	97
80) Benzo(a)anthracene	21.87	228	486694	13.85	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.73	149	4911465	280.40	ng/ul#	54
82) Chrysene	21.95	228	480839	14.63	ng/ul	98
85) Benzo(b)fluoranthene	24.22	252	673635	19.69	ng/ul#	92
86) Benzo(k)fluoranthene	24.22	252	236330	7.27	ng/ul#	94
88) Benzo(a)pyrene	25.15	252	497586	15.13	ng/ul	98

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025227.D
Acq On : 16 Dec 2016 1:11
Operator : UM/SJ
Sample : H5995-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Dec 16 05:59:45 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 16 05:54:49 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) Indeno(1,2,3-cd)pyrene	29.24	276	314407	7.69	ng/ul	98
90) Dibenzo(a,h)anthracene	29.29	278	45254	1.31	ng/ul#	92
91) Benzo(g,h,i)perylene	30.48	276	229082	6.71	ng/ul	96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025227.D
Acq On : 16 Dec 2016 1:11
Operator : UM/SJ
Sample : H5995-02
Misc :
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Instrument :
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ClientSampleId :

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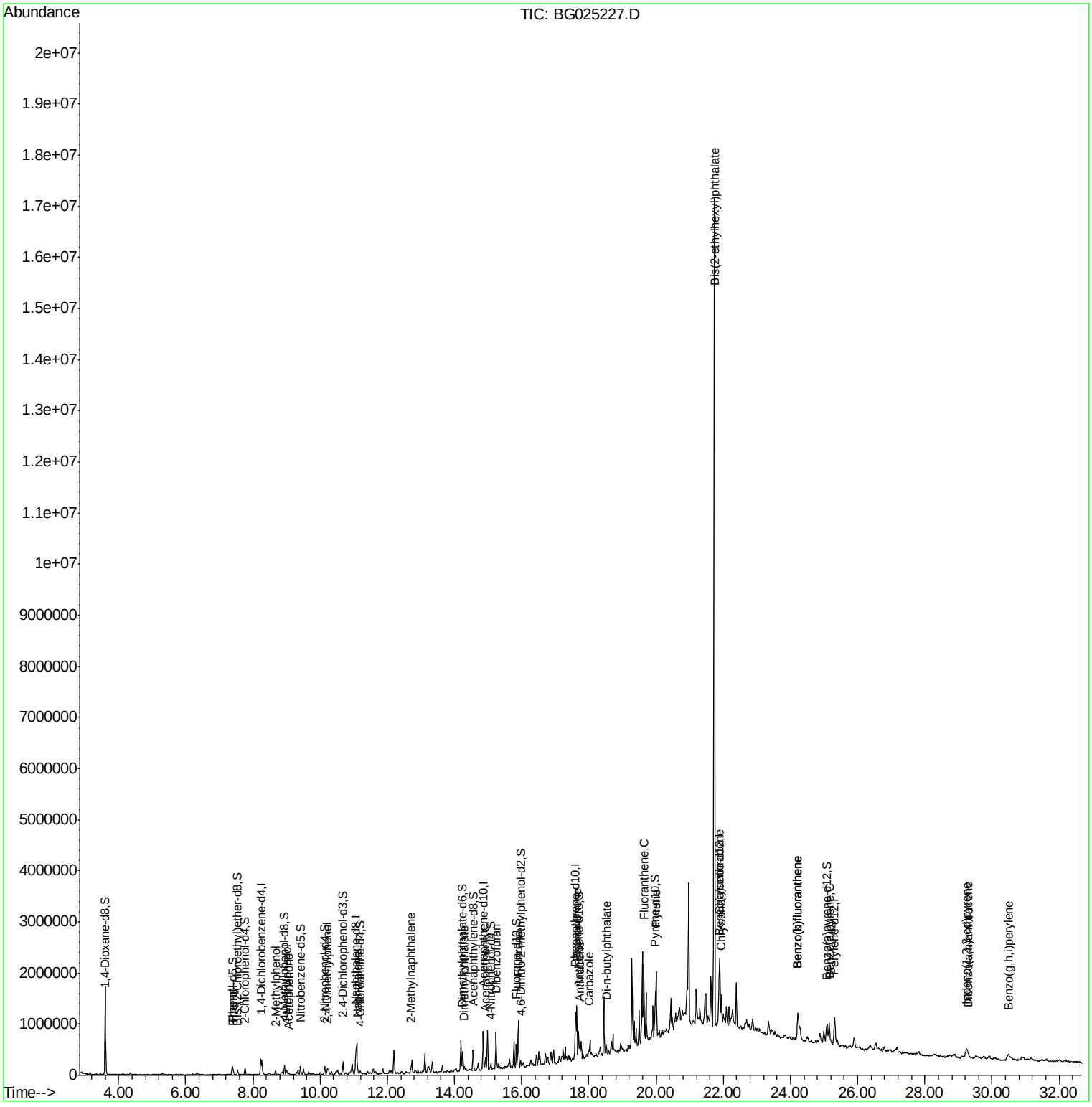
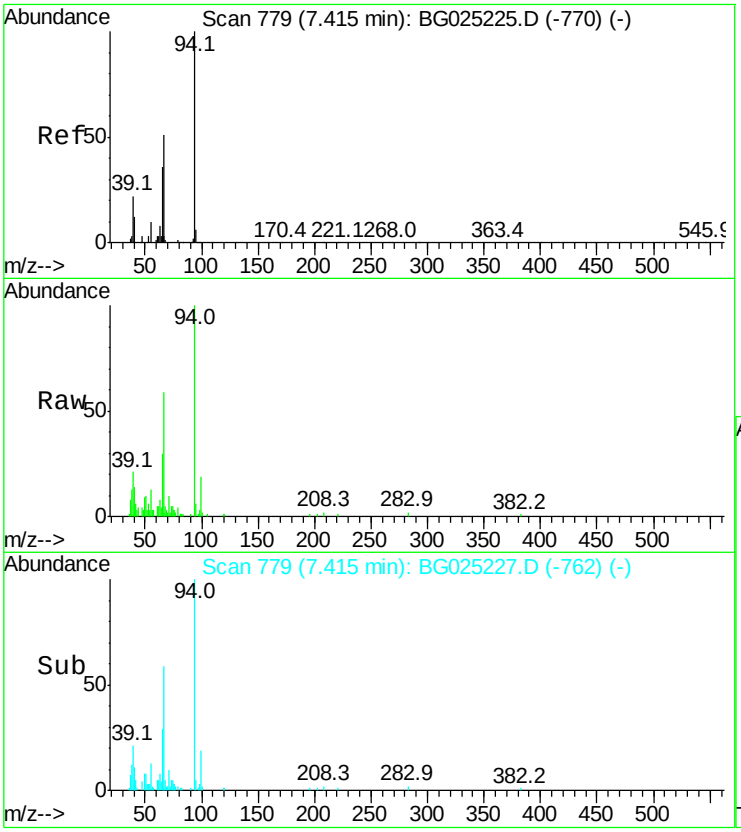
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 16 05:54:49 2016
Response via : Initial Calibration



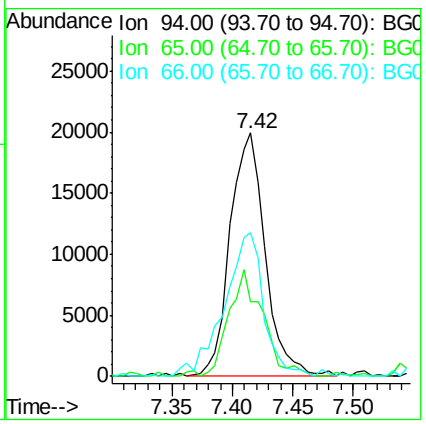


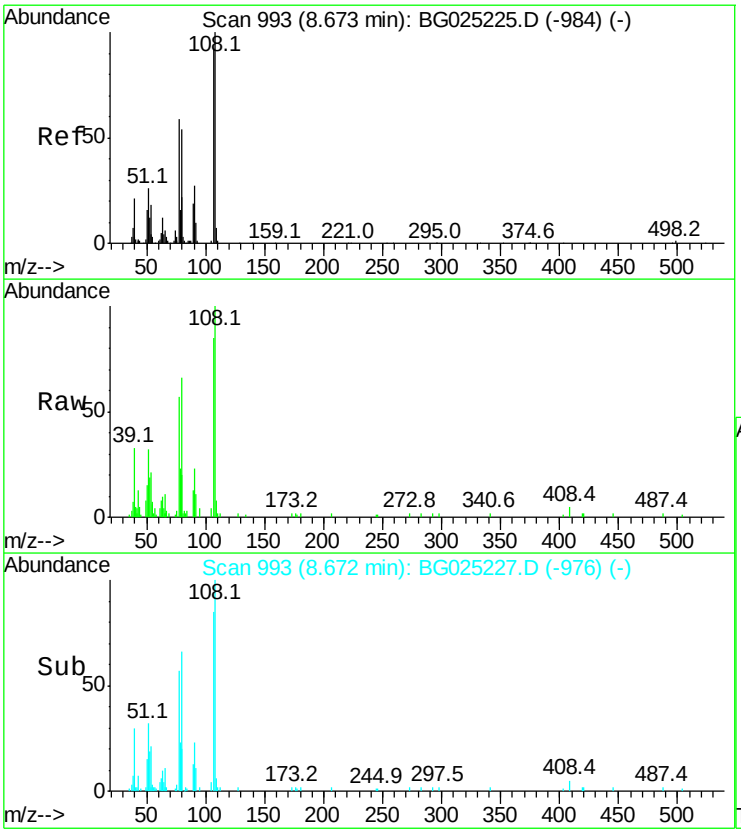
#6
Phenol
Concen: 5.79 ng/ul
RT: 7.42 min Scan# 779
Delta R.T. -0.00 min
Lab File: BG025227.D
Acq: 16 Dec 2016 1:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 94 Resp: 40575

Ion	Ratio	Lower	Upper
94	100		
65	30.5	26.8	40.2
66	59.0	44.4	66.6

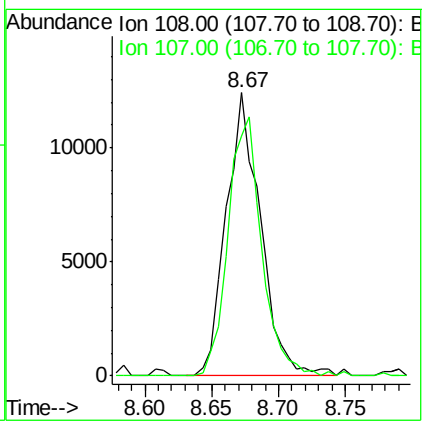


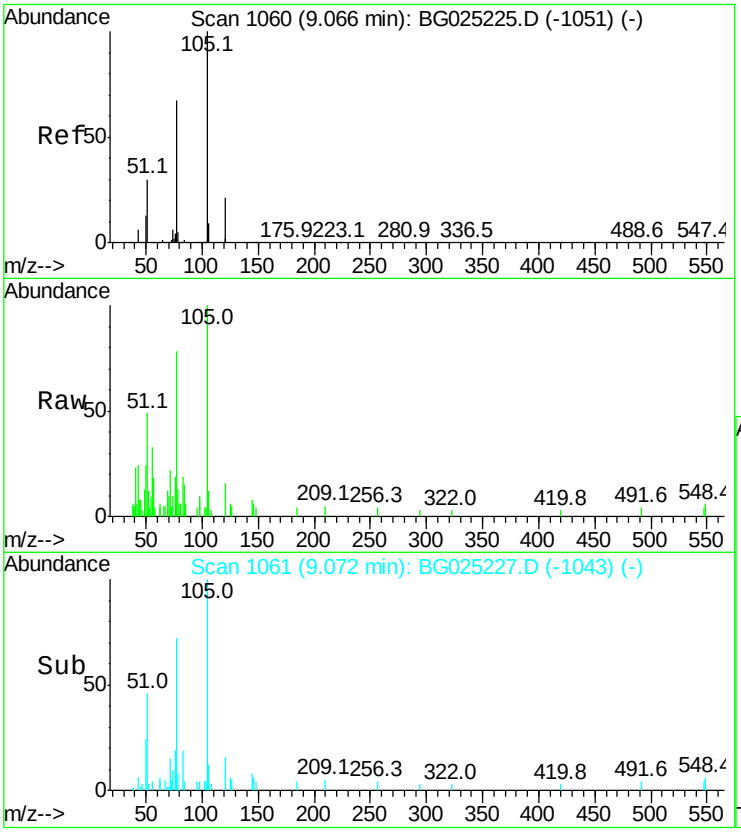


#11
2-Methylphenol
Concen: 4.33 ng/ul
RT: 8.67 min Scan# 993
Delta R.T. -0.00 min
Lab File: BG025227.D
Acq: 16 Dec 2016 1:11

Tgt Ion:108 Resp: 22335

Ion	Ratio	Lower	Upper
108	100		
107	84.8	76.7	115.1



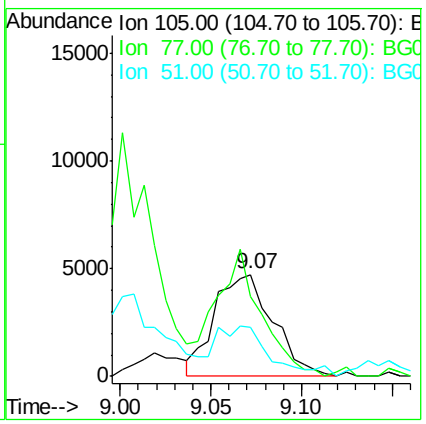


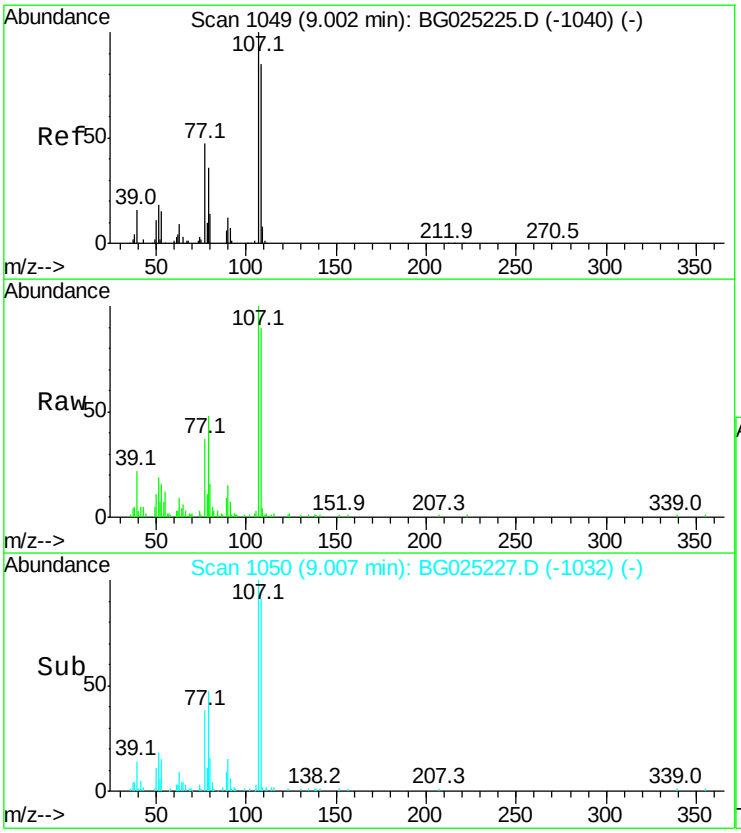
#14
Acetophenone
Concen: 1.22 ng/ul
RT: 9.07 min Scan# 1061
Delta R.T. 0.01 min
Lab File: BG025227.D
Acq: 16 Dec 2016 1:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:105 Resp: 10639

Ion	Ratio	Lower	Upper
105	100		
77	78.2	76.0	114.0
51	48.9	34.8	52.2

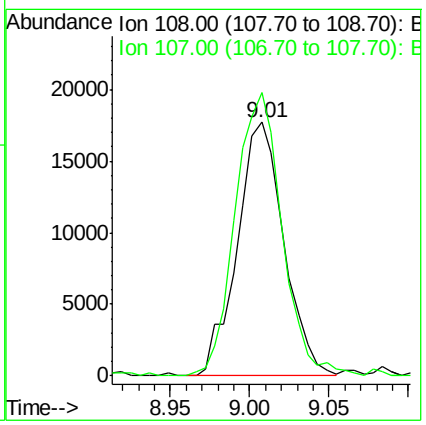


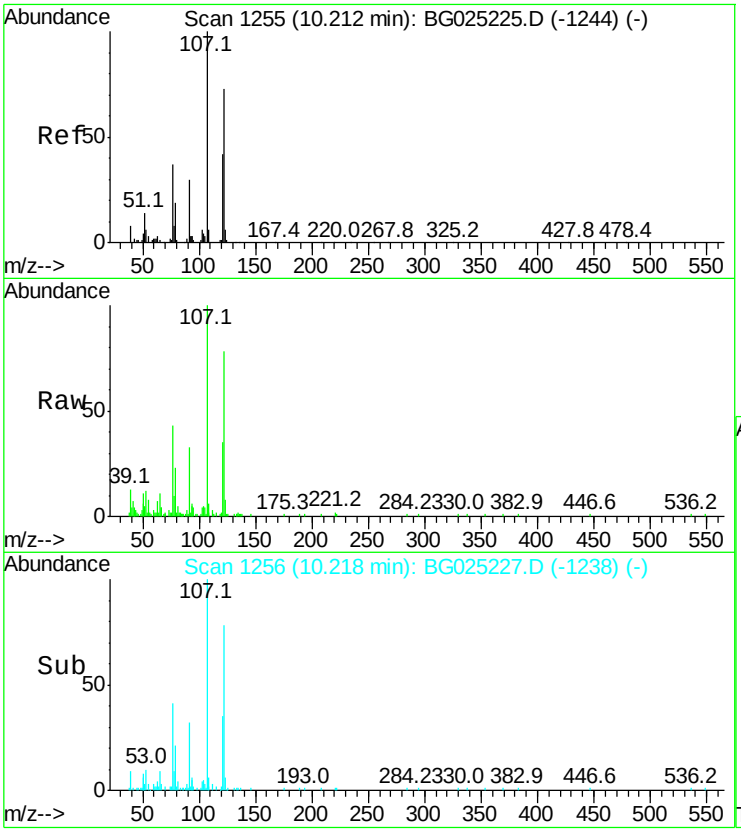


#16
4-Methylphenol
Concen: 6.31 ng/ul
RT: 9.01 min Scan# 1050
Delta R.T. 0.01 min
Lab File: BG025227.D
Acq: 16 Dec 2016 1:11

Tgt Ion:108 Resp: 36241

Ion	Ratio	Lower	Upper
108	100		
107	111.7	91.7	137.5



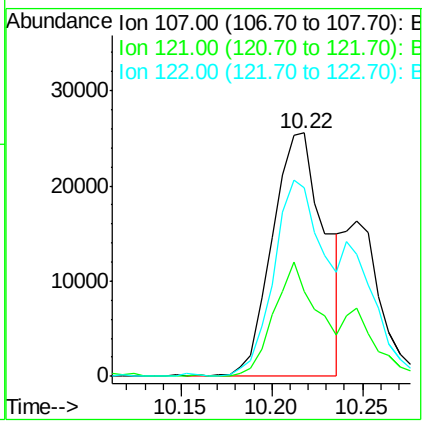


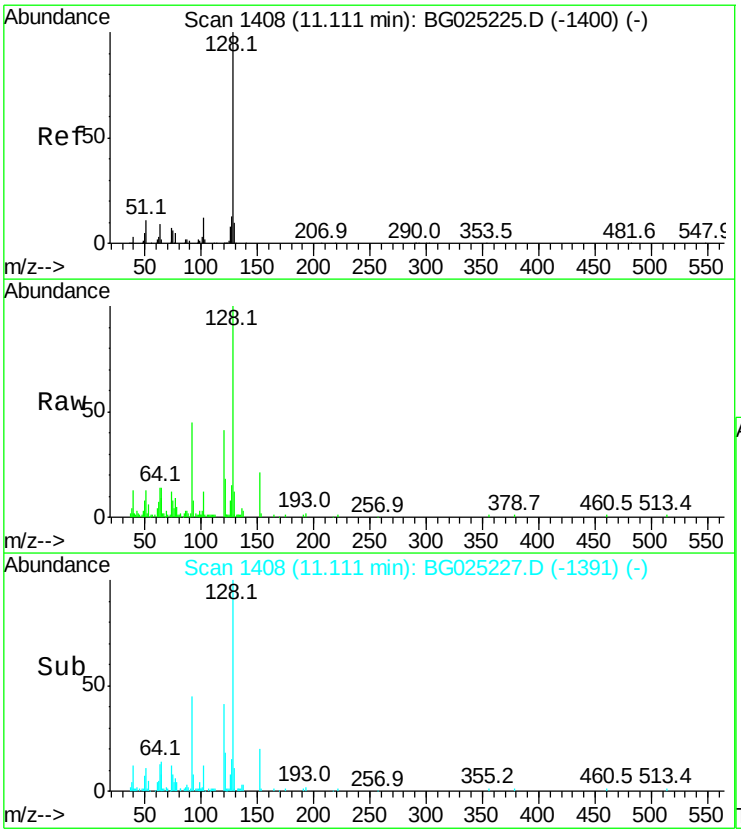
#24
2,4-Dimethylphenol
Concen: 7.37 ng/ul
RT: 10.22 min Scan# 1256
Delta R.T. 0.01 min
Lab File: BG025227.D
Acq: 16 Dec 2016 1:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:107 Resp: 51702

Ion	Ratio	Lower	Upper
107	100		
121	34.8	32.3	48.5
122	77.7	61.2	91.8

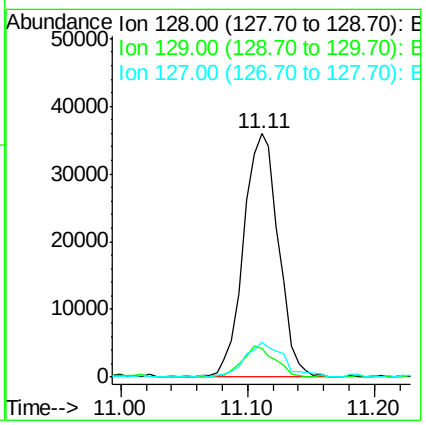


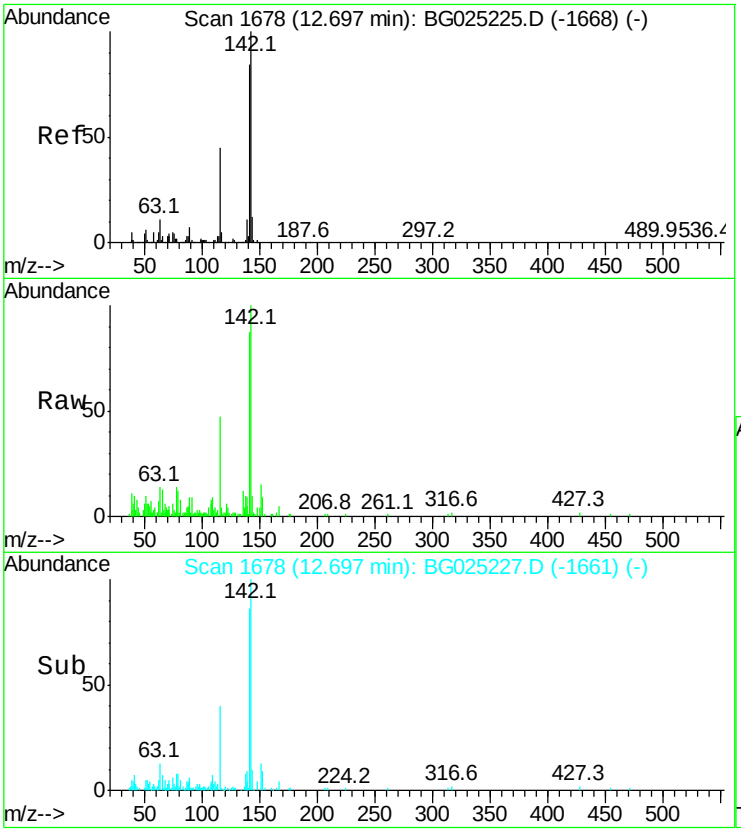


#28
Naphthalene
Concen: 4.31 ng/ul
RT: 11.11 min Scan# 1408
Delta R.T. -0.00 min
Lab File: BG025227.D
Acq: 16 Dec 2016 1:11

Tgt Ion:128 Resp: 68734

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.4	14.2
127	14.5	10.3	15.5



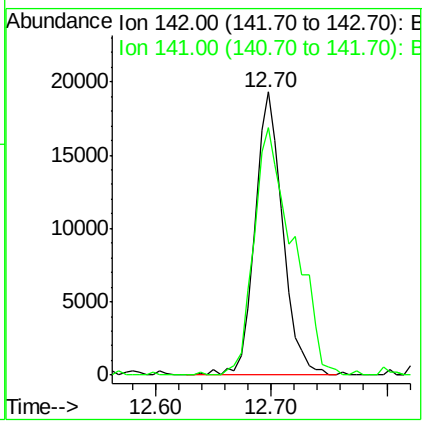


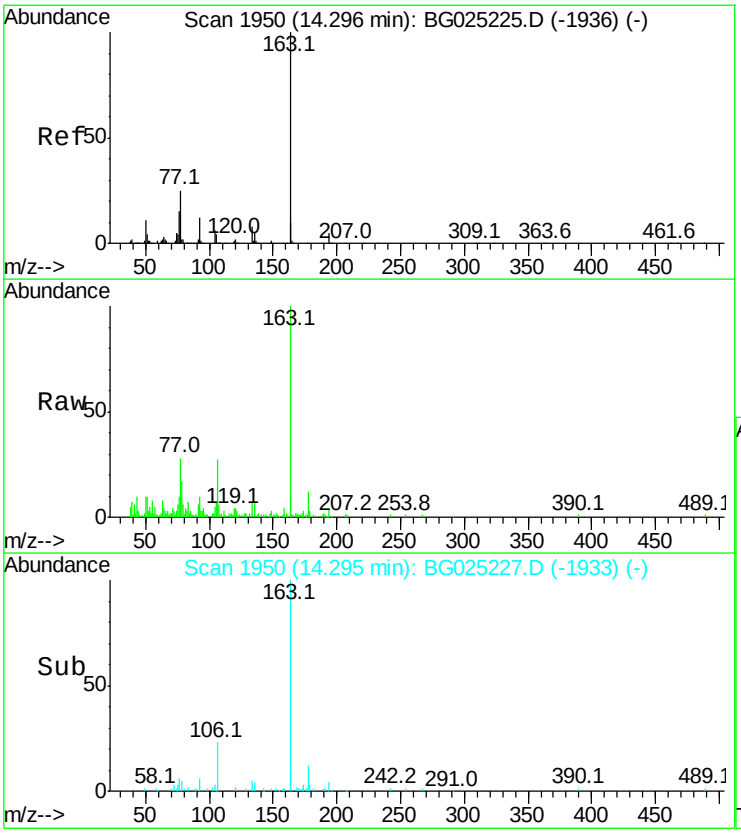
#34
2-Methylnaphthalene
Concen: 2.57 ng/ul
RT: 12.70 min Scan# 1678
Delta R.T. -0.00 min
Lab File: BG025227.D
Acq: 16 Dec 2016 1:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:142 Resp: 32279

Ion	Ratio	Lower	Upper
142	100		
141	87.4	68.6	102.8

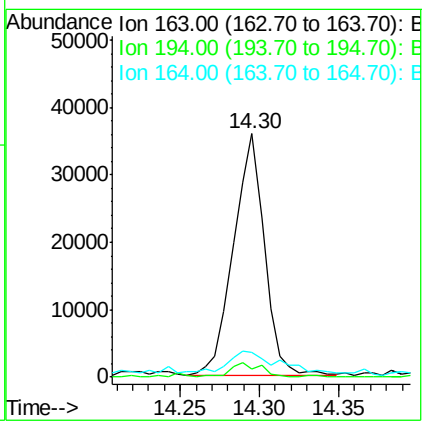


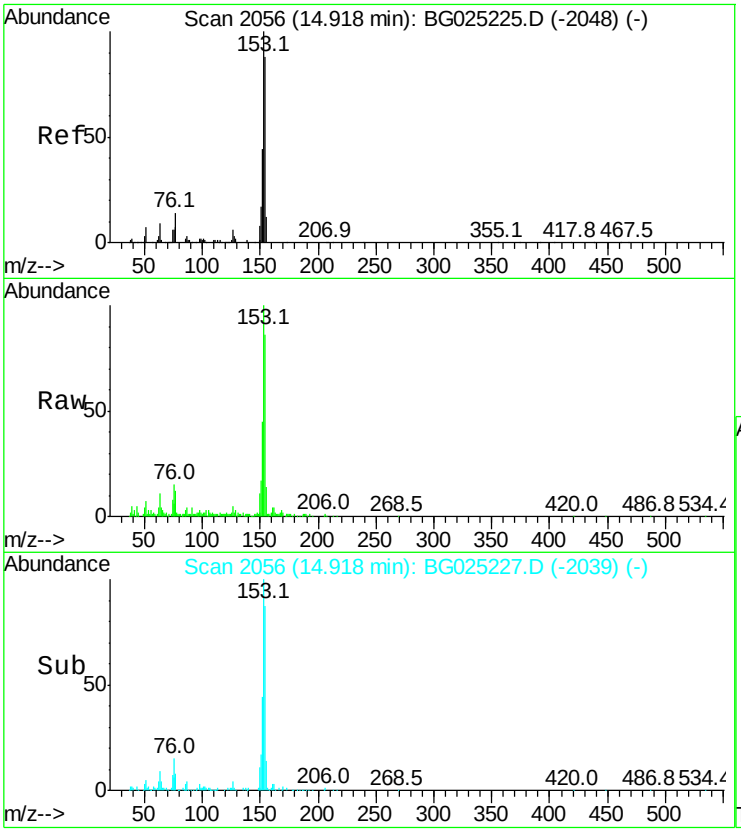


#44
Dimethylphthalate
Concen: 2.63 ng/ul
RT: 14.30 min Scan# 1950
Delta R.T. -0.00 min
Lab File: BG025227.D
Acq: 16 Dec 2016 1:11

Tgt Ion:163 Resp: 48793

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.4	5.0
164	10.3	9.0	13.4



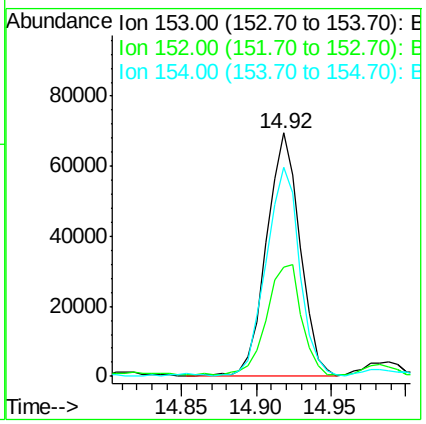


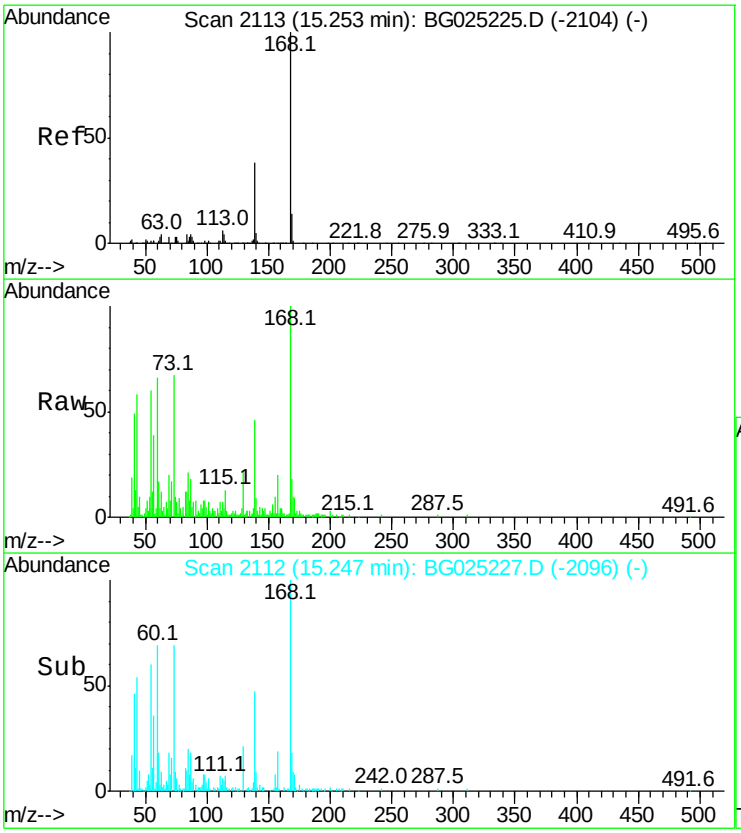
#49
Acenaphthene
Concen: 7.79 ng/ul
RT: 14.92 min Scan# 2056
Delta R.T. -0.00 min
Lab File: BG025227.D
Acq: 16 Dec 2016 1:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:153 Resp: 107409

Ion	Ratio	Lower	Upper
153	100		
152	44.6	36.5	54.7
154	85.7	72.3	108.5

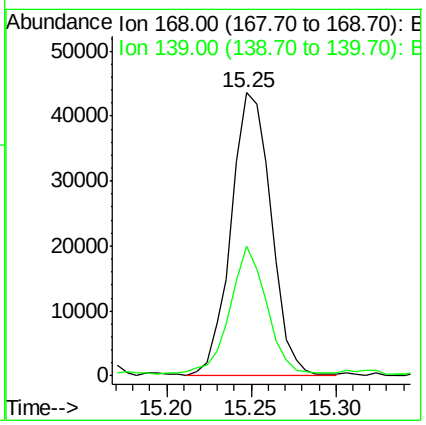


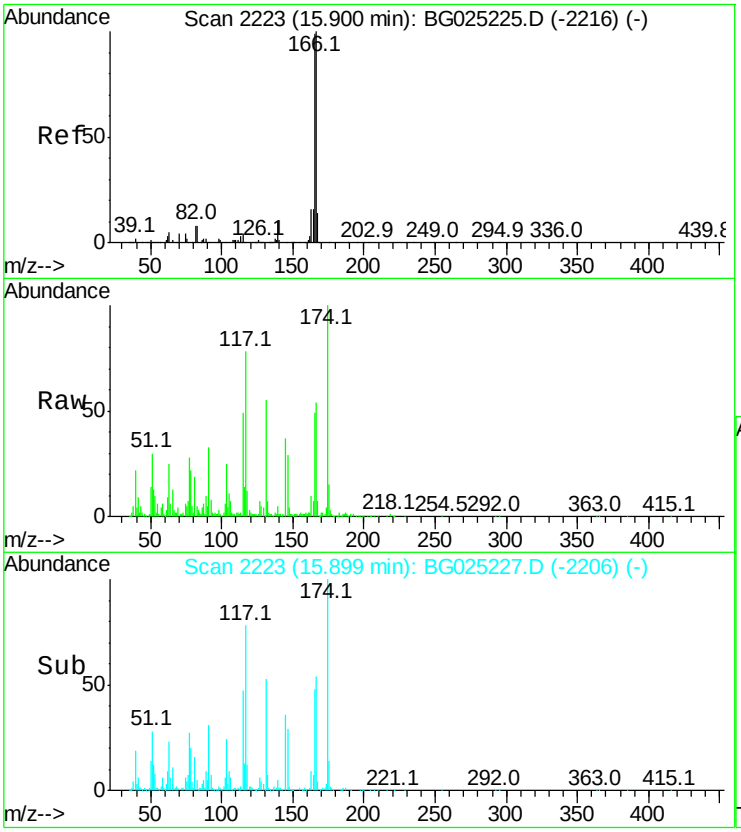


#53
Dibenzofuran
Concen: 3.31 ng/ul
RT: 15.25 min Scan# 2112
Delta R.T. -0.01 min
Lab File: BG025227.D
Acq: 16 Dec 2016 1:11

Tgt Ion:168 Resp: 72164

Ion	Ratio	Lower	Upper
168	100		
139	46.0	33.8	50.8



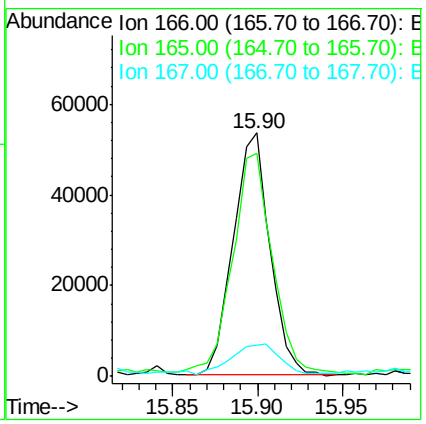


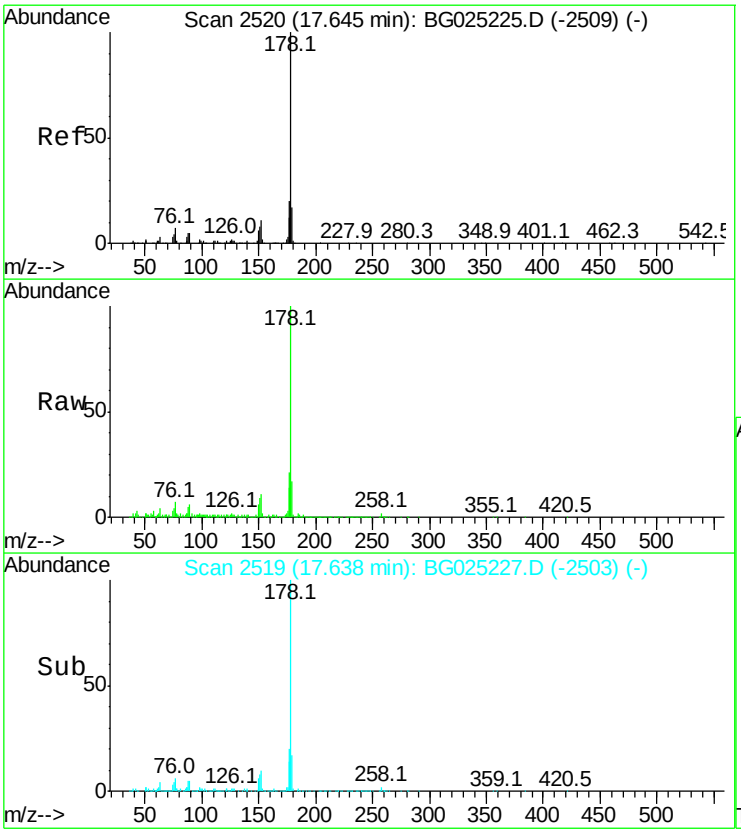
#58
Fluorene
Concen: 4.56 ng/ul
RT: 15.90 min Scan# 2223
Delta R.T. -0.00 min
Lab File: BG025227.D
Acq: 16 Dec 2016 1:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:166 Resp: 80899

Ion	Ratio	Lower	Upper
166	100		
165	91.5	79.7	119.5
167	12.7	11.4	17.2

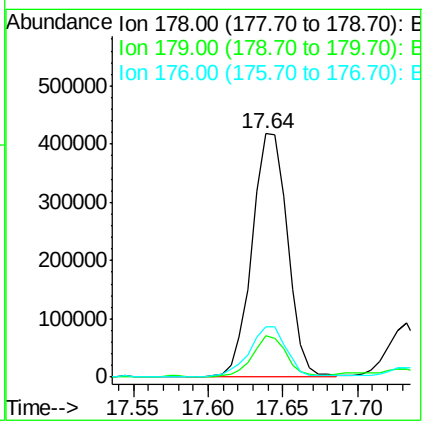


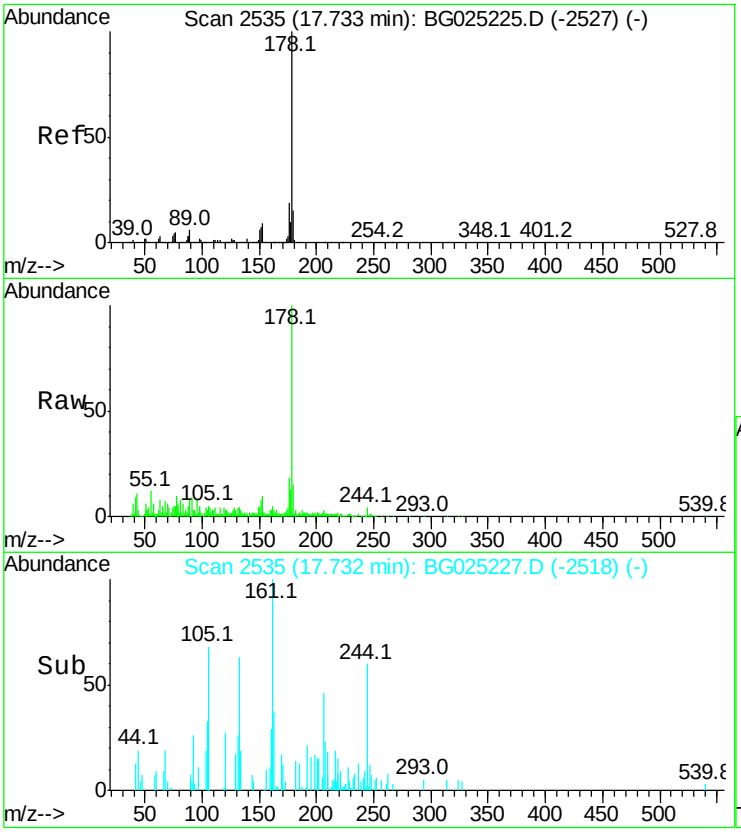


#69
Phenanthrene
Concen: 26.93 ng/ul
RT: 17.64 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BG025227.D
Acq: 16 Dec 2016 1:11

Tgt Ion:178 Resp: 679926

Ion	Ratio	Lower	Upper
178	100		
179	17.1	12.4	18.6
176	20.7	16.5	24.7



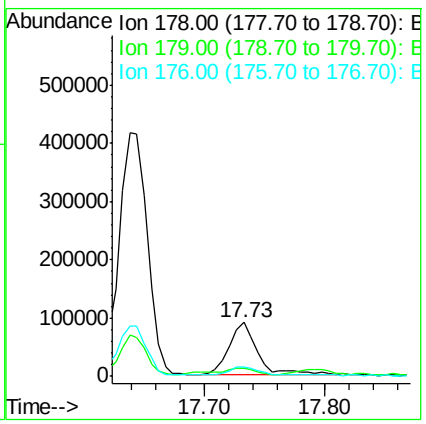


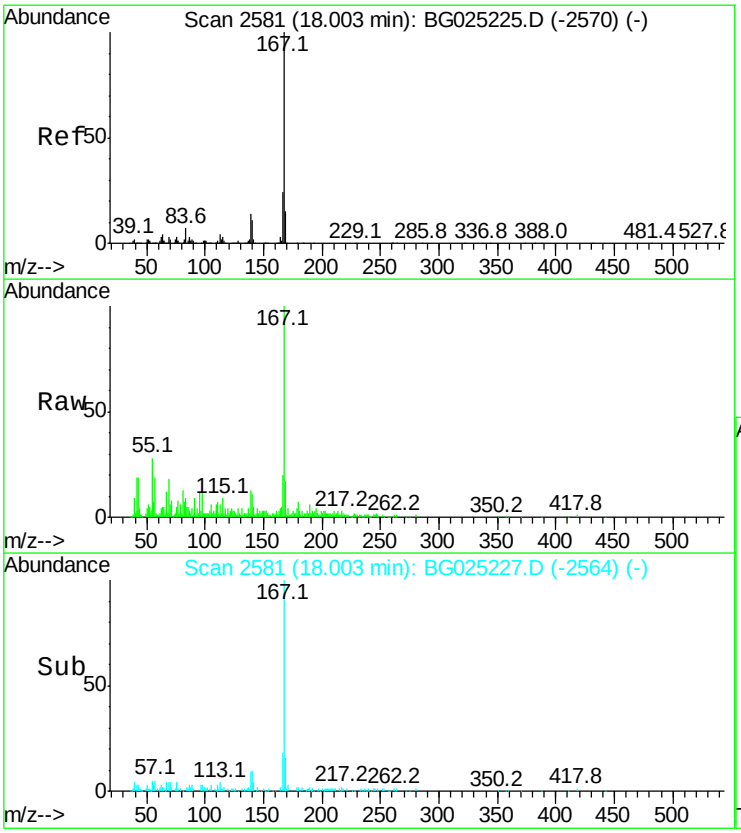
#71
Anthracene
Concen: 5.93 ng/ul
RT: 17.73 min Scan# 2535
Delta R.T. -0.00 min
Lab File: BG025227.D
Acq: 16 Dec 2016 1:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 153919

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.6	19.0
176	17.7	15.9	23.9

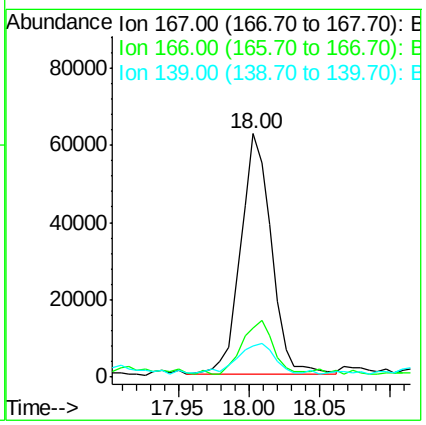


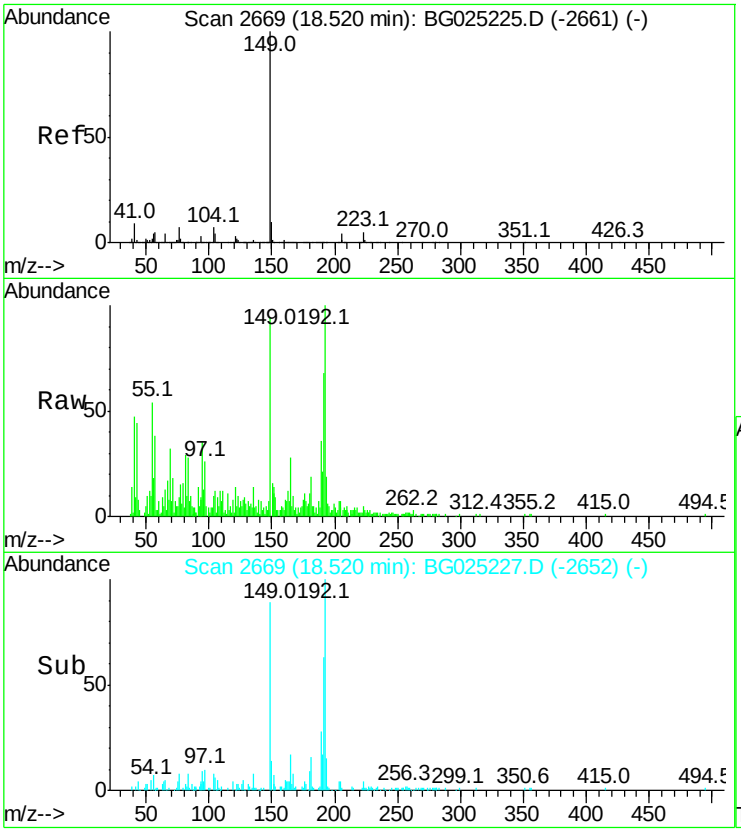


#72
Carbazole
Concen: 4.40 ng/ul
RT: 18.00 min Scan# 2581
Delta R.T. -0.00 min
Lab File: BG025227.D
Acq: 16 Dec 2016 1:11

Tgt Ion:167 Resp: 95298

Ion	Ratio	Lower	Upper
167	100		
166	20.2	17.9	26.9
139	12.6	10.5	15.7



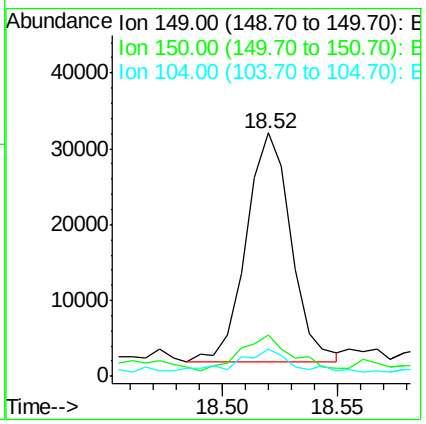


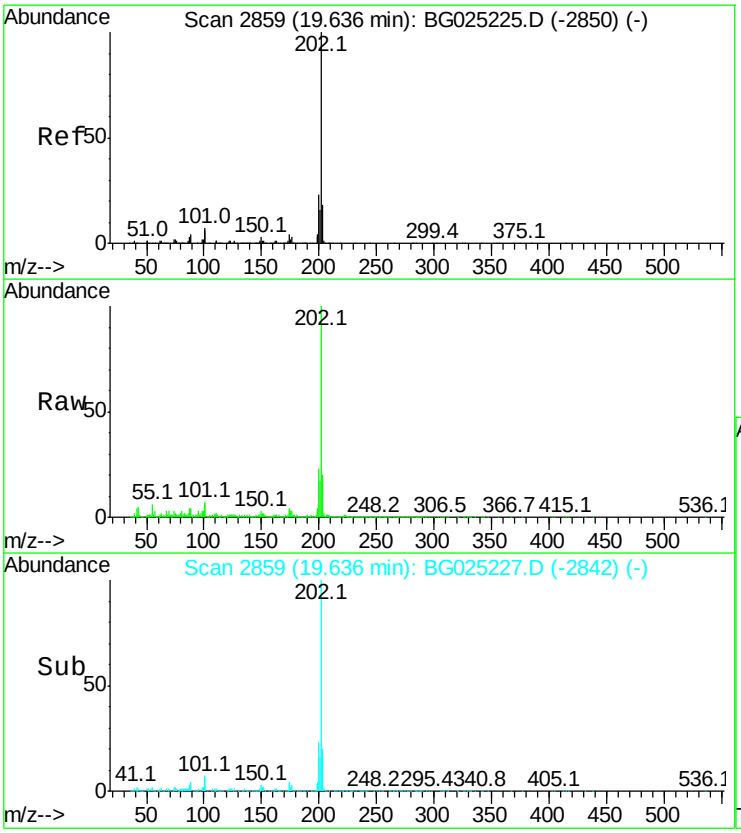
#73
Di-n-butylphthalate
Concen: 1.49 ng/ul
RT: 18.52 min Scan# 2669
Delta R.T. -0.00 min
Lab File: BG025227.D
Acq: 16 Dec 2016 1:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 40703

Ion	Ratio	Lower	Upper
149	100		
150	17.2	7.9	11.9#
104	11.1	5.8	8.8#

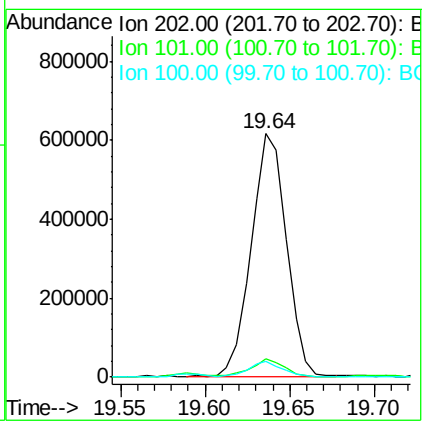


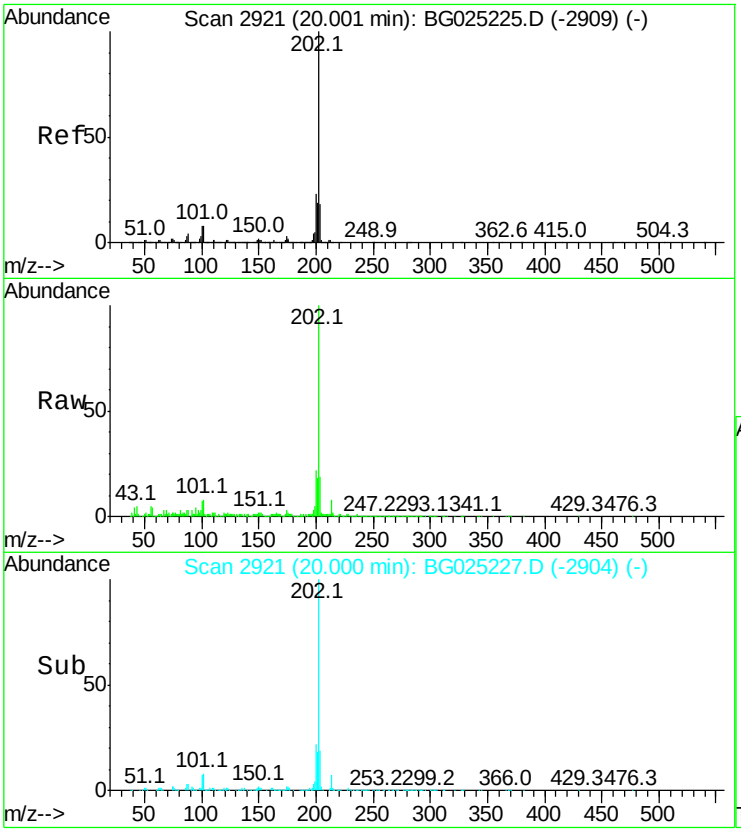


#74
Fluoranthene
Concen: 29.71 ng/ul
RT: 19.64 min Scan# 2859
Delta R.T. -0.00 min
Lab File: BG025227.D
Acq: 16 Dec 2016 1:11

Tgt Ion:202 Resp: 891135

Ion	Ratio	Lower	Upper
202	100		
101	7.5	6.2	9.2
100	6.4	5.2	7.8



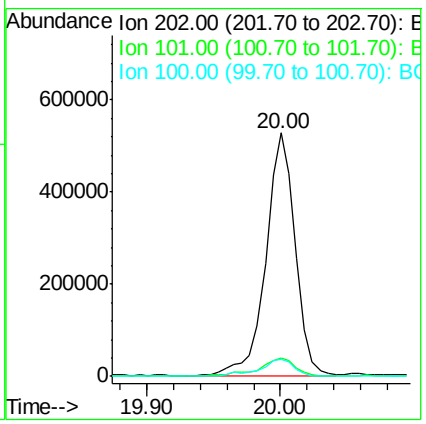


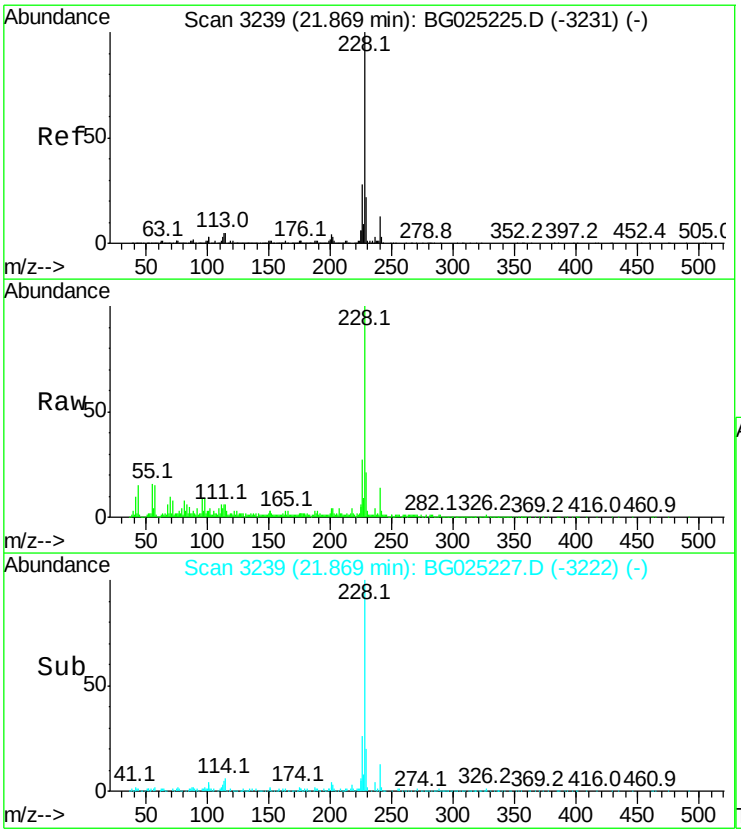
#77
Pyrene
Concen: 24.69 ng/ul
RT: 20.00 min Scan# 2921
Delta R.T. -0.00 min
Lab File: BG025227.D
Acq: 16 Dec 2016 1:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 802553

Ion	Ratio	Lower	Upper
202	100		
101	7.7	6.9	10.3
100	7.0	6.6	10.0

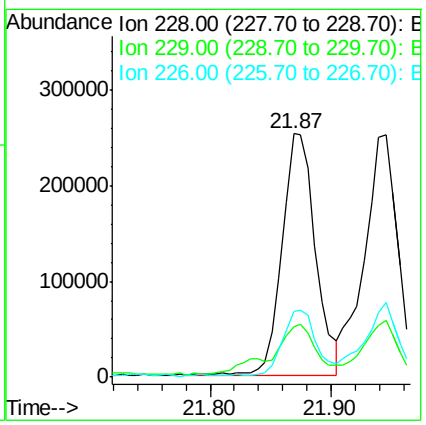


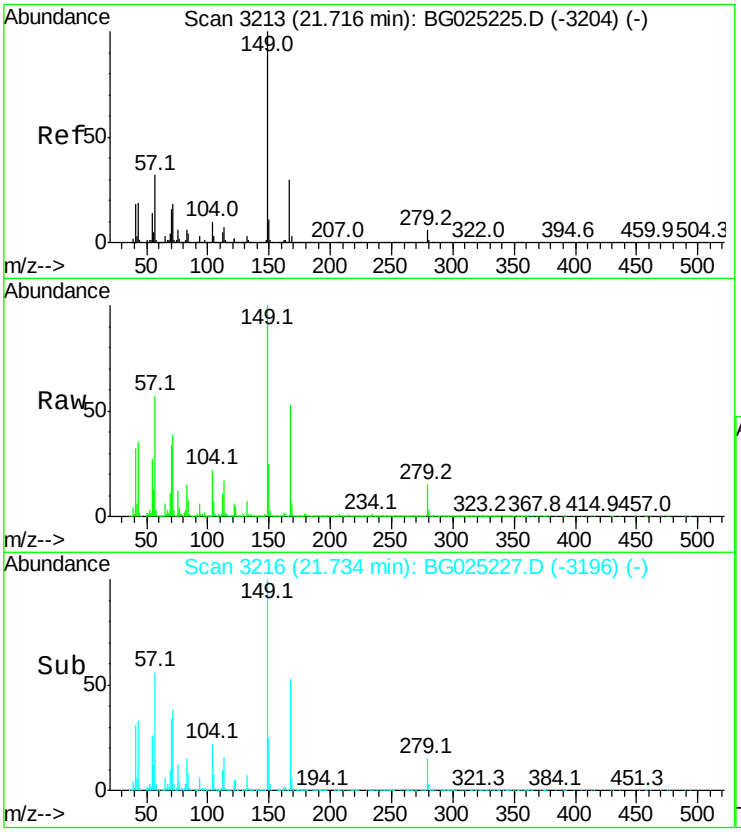


#80
Benzo(a)anthracene
Concen: 13.85 ng/ul
RT: 21.87 min Scan# 3239
Delta R.T. -0.00 min
Lab File: BG025227.D
Acq: 16 Dec 2016 1:11

Tgt Ion:228 Resp: 486694

Ion	Ratio	Lower	Upper
228	100		
229	20.9	16.3	24.5
226	26.8	21.9	32.9



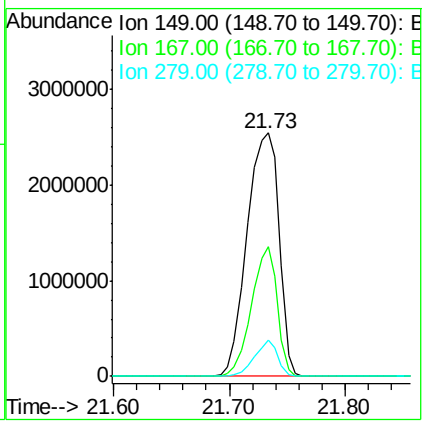


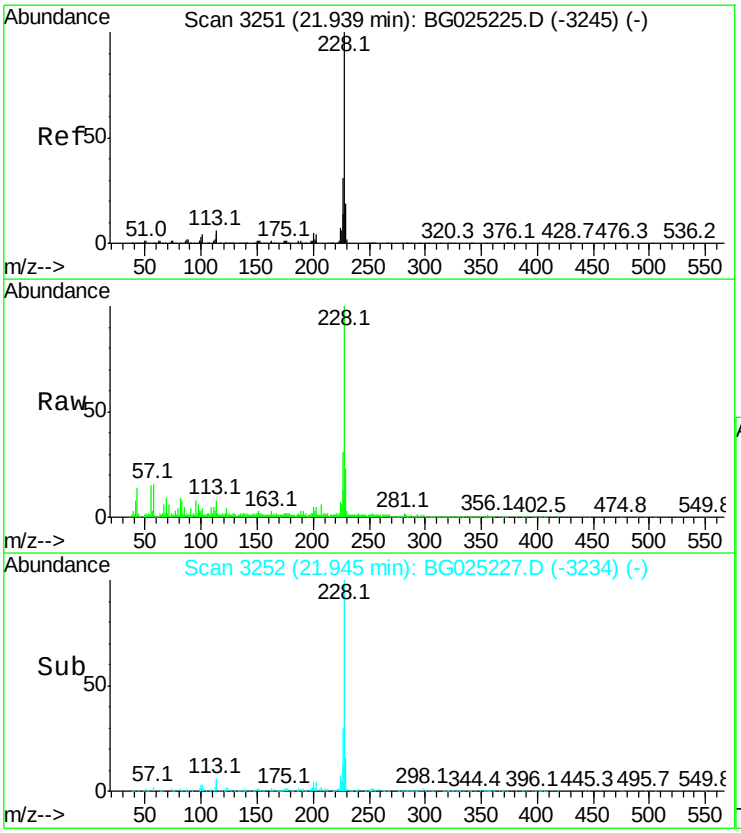
#81
Bis(2-ethylhexyl)phthalate
Concen: 280.40 ng/ul
RT: 21.73 min Scan# 3216
Delta R.T. 0.02 min
Lab File: BG025227.D
Acq: 16 Dec 2016 1:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 4911465

Ion	Ratio	Lower	Upper
149	100		
167	53.4	21.8	32.8#
279	14.7	4.5	6.7#

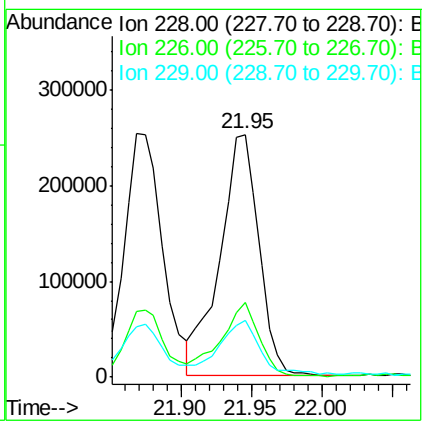


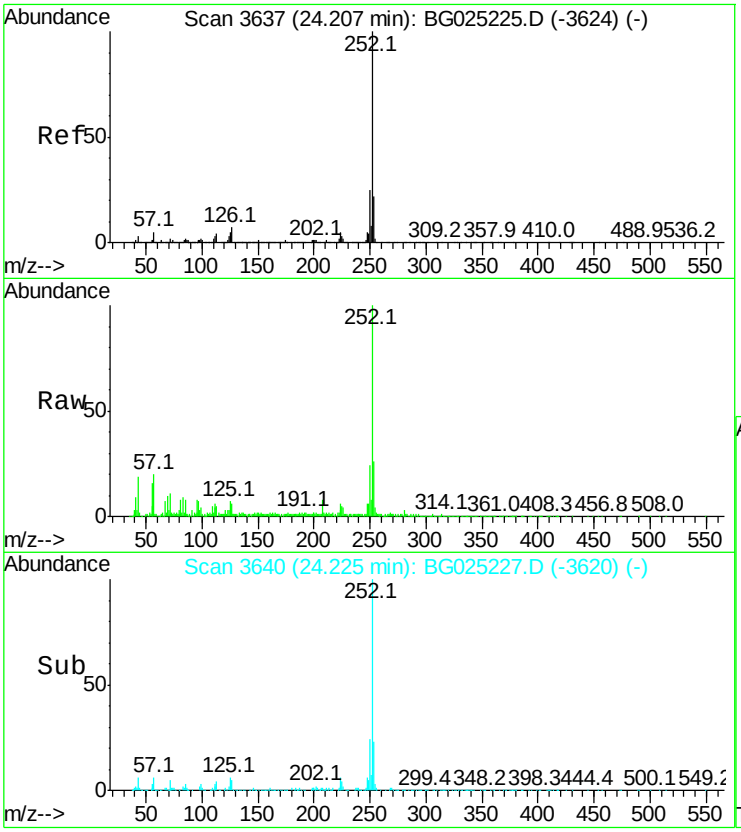


#82
Chrysene
Concen: 14.63 ng/ul
RT: 21.95 min Scan# 3252
Delta R.T. 0.01 min
Lab File: BG025227.D
Acq: 16 Dec 2016 1:11

Tgt Ion:228 Resp: 480839

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.0	36.0
229	23.1	16.9	25.3



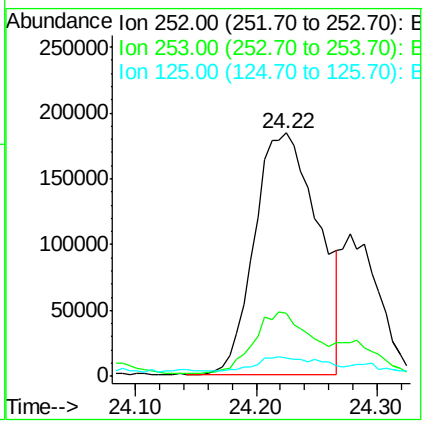


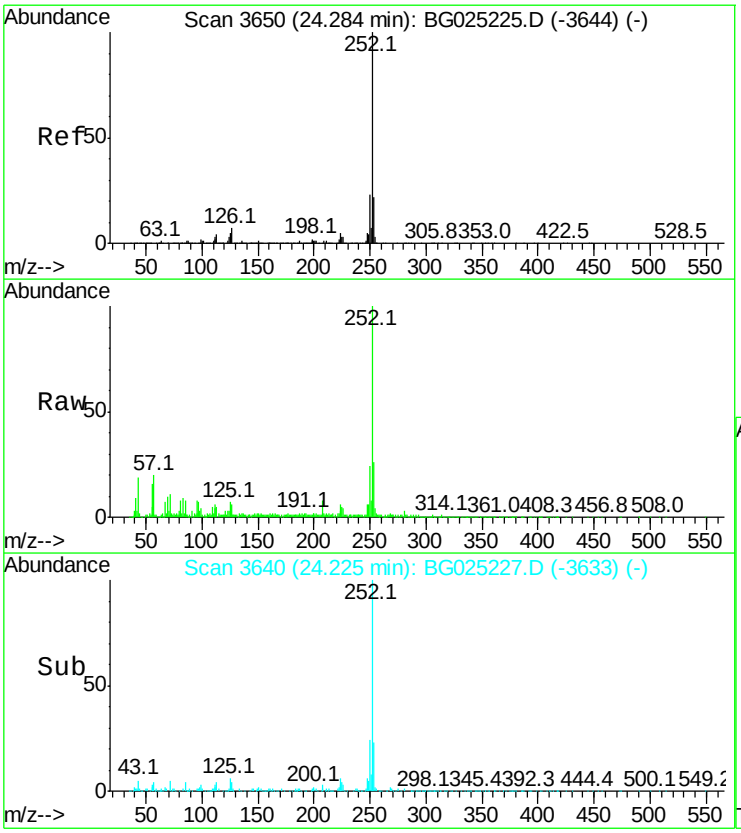
#85
Benzo(b)fluoranthene
Concen: 19.69 ng/ul
RT: 24.22 min Scan# 3640
Delta R.T. 0.02 min
Lab File: BG025227.D
Acq: 16 Dec 2016 1:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 673635

Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.7	26.5
125	7.5	4.0	6.0#

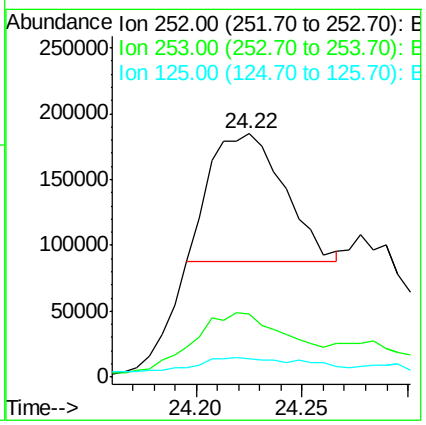


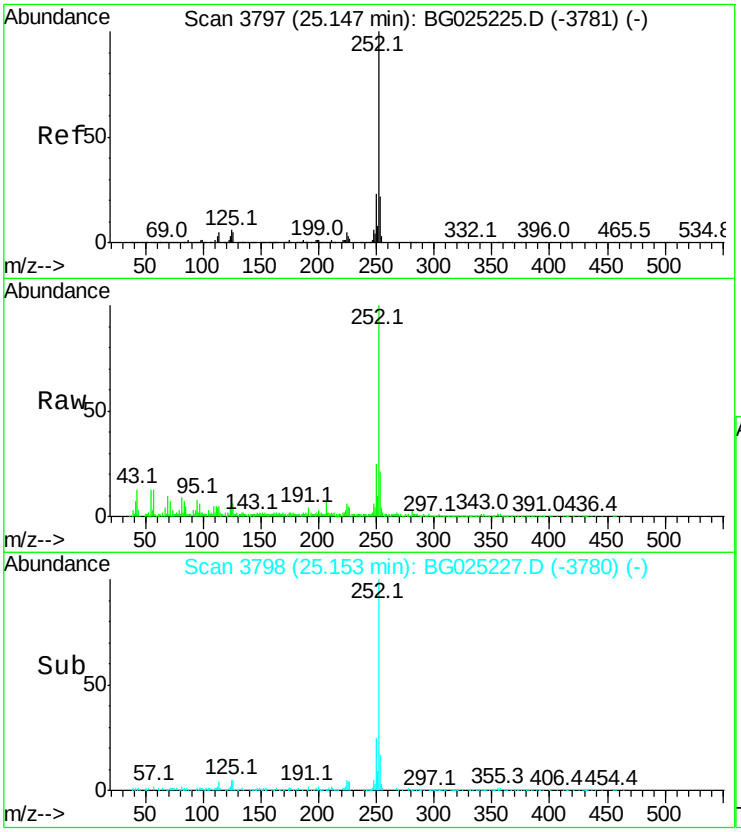


#86
Benzo(k)fluoranthene
Concen: 7.27 ng/ul
RT: 24.22 min Scan# 3640
Delta R.T. -0.06 min
Lab File: BG025227.D
Acq: 16 Dec 2016 1:11

Tgt Ion:252 Resp: 236330

Ion	Ratio	Lower	Upper
252	100		
253	25.8	18.5	27.7
125	7.5	4.1	6.1#



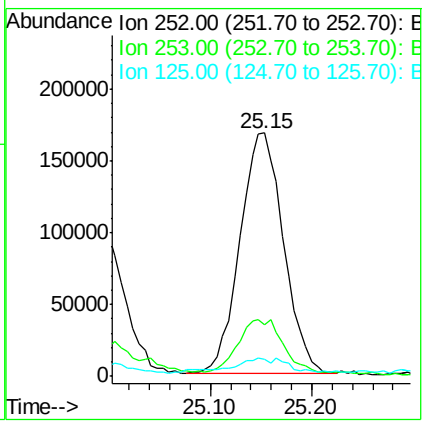


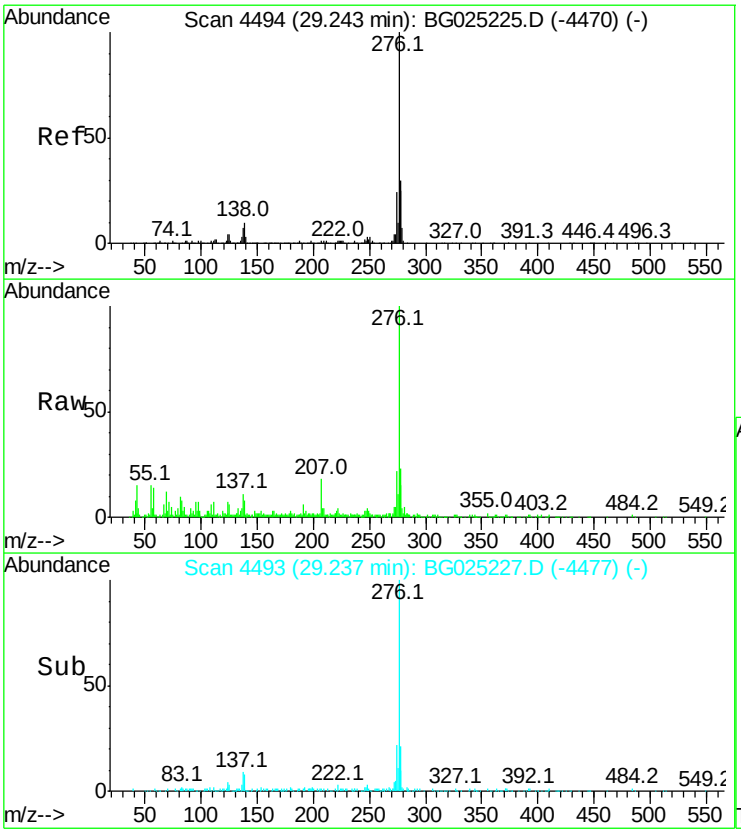
#88
Benzo(a)pyrene
Concen: 15.13 ng/ul
RT: 25.15 min Scan# 3798
Delta R.T. 0.01 min
Lab File: BG025227.D
Acq: 16 Dec 2016 1:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 497586

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.8	26.6
125	6.9	5.4	8.0

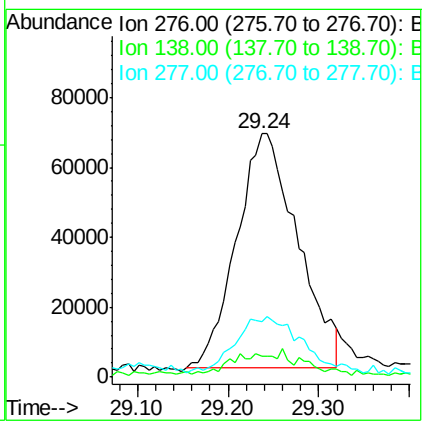


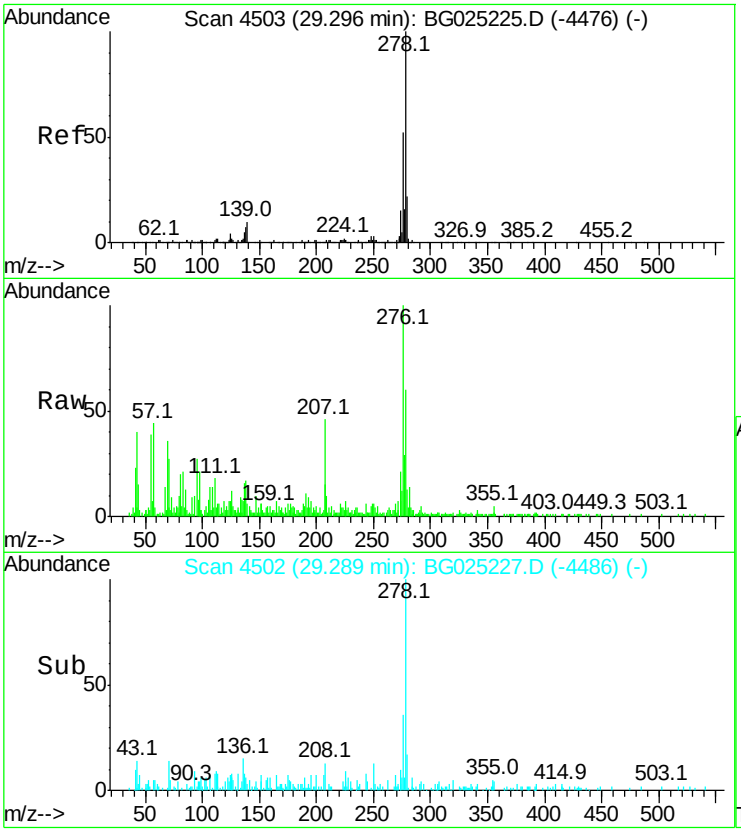


#89
Indeno(1,2,3-cd)pyrene
Concen: 7.69 ng/ul
RT: 29.24 min Scan# 4493
Delta R.T. -0.01 min
Lab File: BG025227.D
Acq: 16 Dec 2016 1:11

Tgt Ion:276 Resp: 314407

Ion	Ratio	Lower	Upper
276	100		
138	8.4	8.2	12.4
277	23.0	18.6	28.0



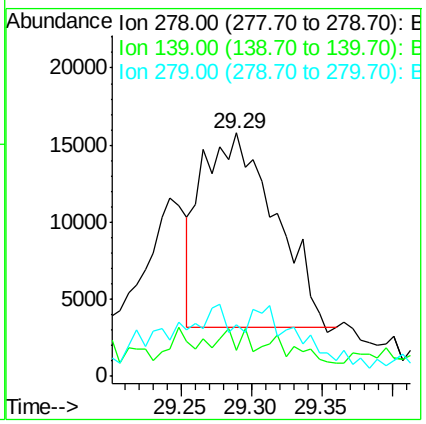


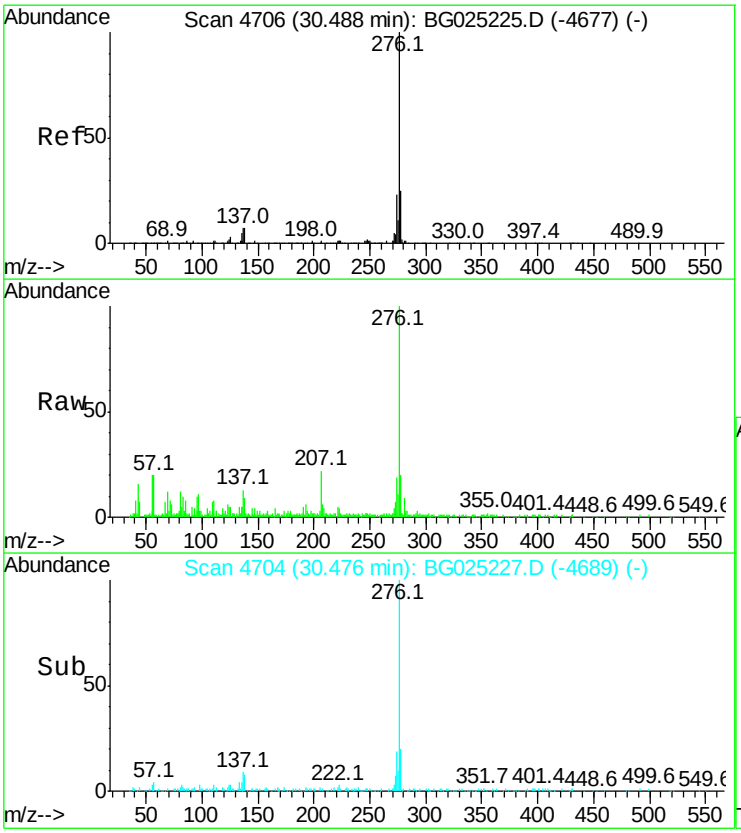
#90
Dibenzo(a,h)anthracene
Concen: 1.31 ng/ul
RT: 29.29 min Scan# 4502
Delta R.T. -0.01 min
Lab File: BG025227.D
Acq: 16 Dec 2016 1:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:278 Resp: 45254

Ion	Ratio	Lower	Upper
278	100		
139	10.5	6.7	10.1#
279	21.4	20.9	31.3





#91
Benzo(g,h,i)perylene
Concen: 6.71 ng/ul
RT: 30.48 min Scan# 4704
Delta R.T. -0.01 min
Lab File: BG025227.D
Acq: 16 Dec 2016 1:11

Tgt Ion:276 Resp: 229082

Ion	Ratio	Lower	Upper
276	100		
138	8.9	8.6	12.8
277	20.3	17.6	26.4