Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025199.D
Acq On : 15 Dec 2016 6:08
Operator : UM/SJ
Sample : H5970-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848

Quant Time: Dec 15 10:24:25 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 15 04:58:54 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	92712	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	415861	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.87	164	329304	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.61	188	624563	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	761066	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	785256	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.59	96	5629	3.14	ng/uL	0.00
5) Phenol-d5	7.39	99	121631	15.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	86276	17.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	89938	16.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	103652	15.51	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	50453	17.13	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	56140	15.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	103247	14.62	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	416018	59.96	ng/ul	0.00
43) Dimethylphthalate-d6	14.26	166	354987	15.67	ng/ul	0.01
46) Acenaphthylene-d8	14.57	160	436040	17.57	ng/ul	0.01
51) 4-Nitrophenol-d4	15.08	143	81345	20.90	ng/ul	0.02
57) Fluorene-d10	15.85	176	398810	18.71	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.98	200	63539	16.45	ng/ul	0.01
70) Anthracene-d10	17.71	188	458530	17.39	ng/ul	0.00
76) Pyrene-d10	19.98	212	532776	17.00	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	547362	17.20	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.42	94	24027	2.93	ng/ul#	79
28) Naphthalene	11.12	128	1492402	77.20	ng/ul	96
34) 2-Methylnaphthalene	12.71	142	2963443	194.26	ng/ul	90
40) 1,1'-Biphenyl	13.70	154	803008	40.22	ng/ul	98
44) Dimethylphthalate	14.31	163	220815	9.92	ng/ul#	98
49) Acenaphthene	14.93	153	213927	12.95	ng/ul#	83
53) Dibenzofuran	15.26	168	503764	19.27	ng/ul	95
58) Fluorene	15.91	166	544546	25.59	ng/ul#	92
69) Phenanthrene	17.65	178	281053	9.43	ng/ul#	92
71) Anthracene	17.74	178	53923	1.76	ng/ul#	80
74) Fluoranthene	19.64	202	47278	1.33	ng/ul#	97
77) Pyrene	20.01	202	59245	1.62	ng/ul#	91

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

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Sample : H5970-09
Misc :
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Instrument : BNA_G
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Quant Title : SVOA CALIBRATION
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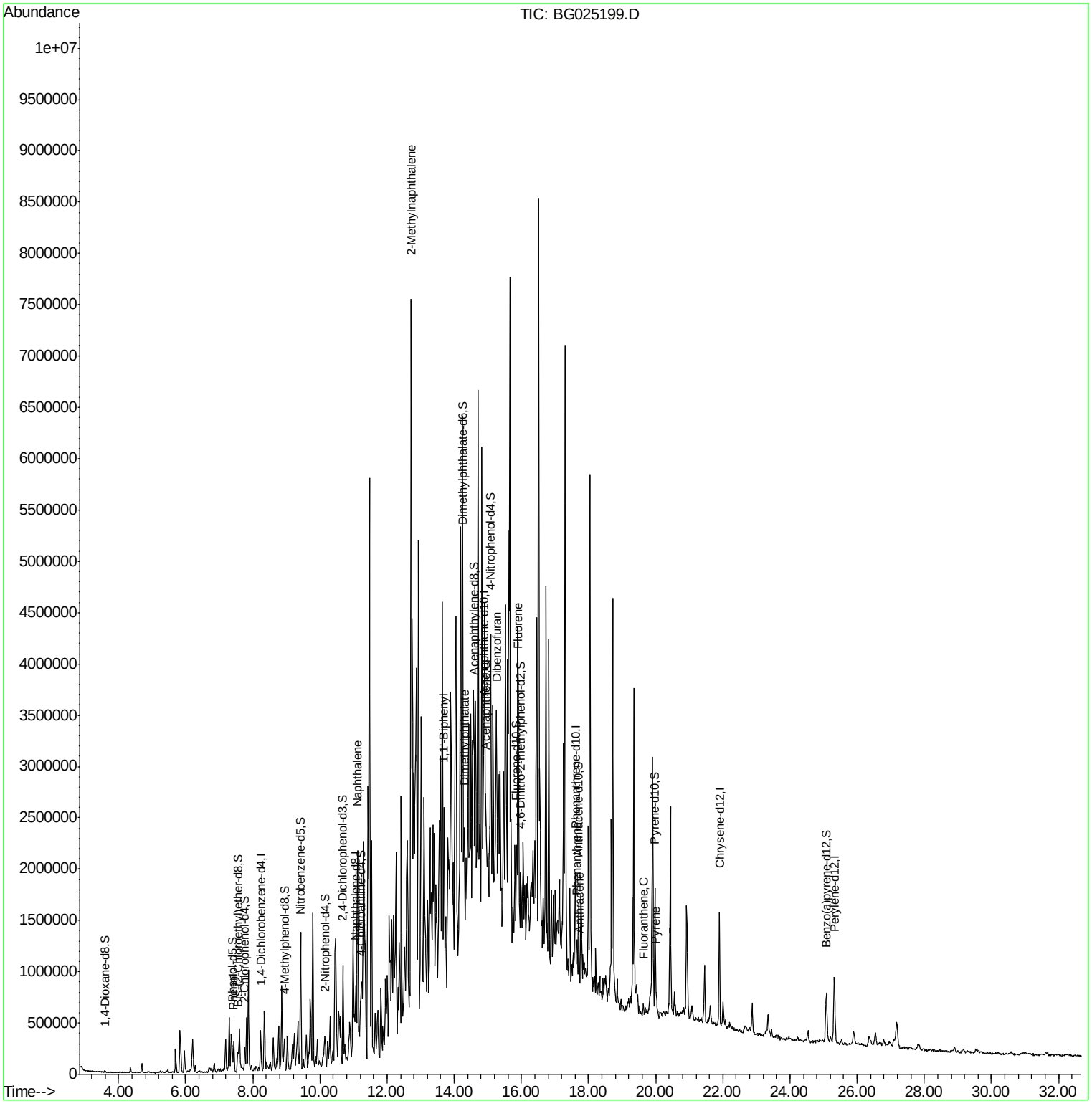
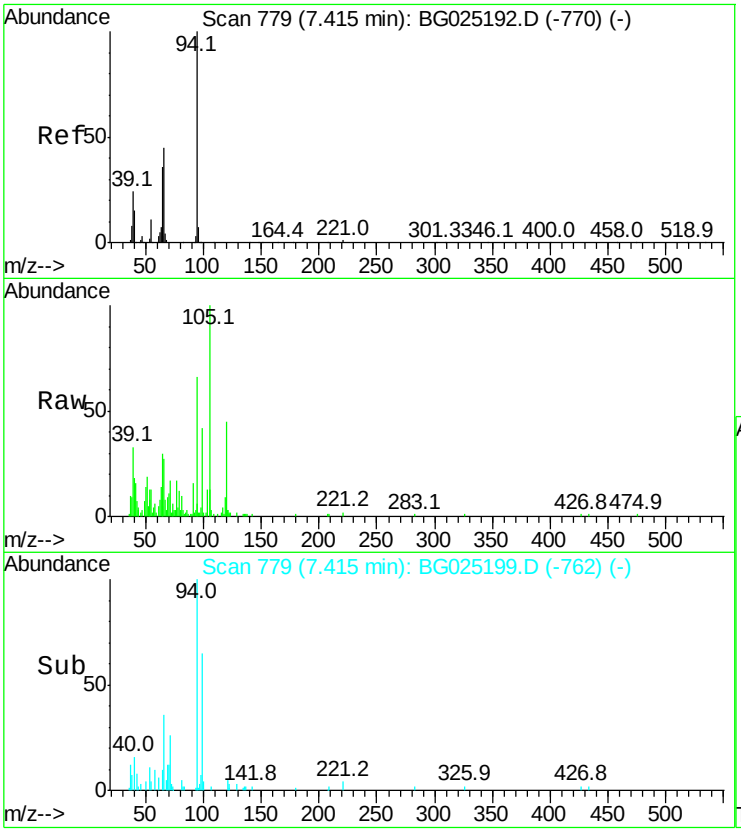


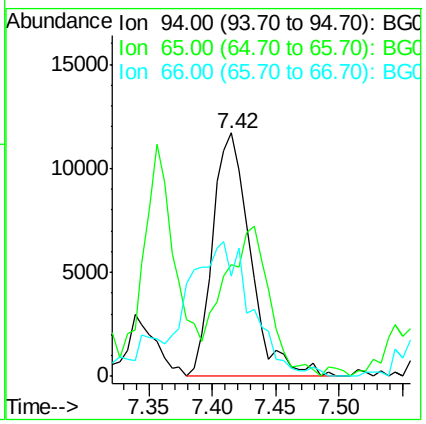


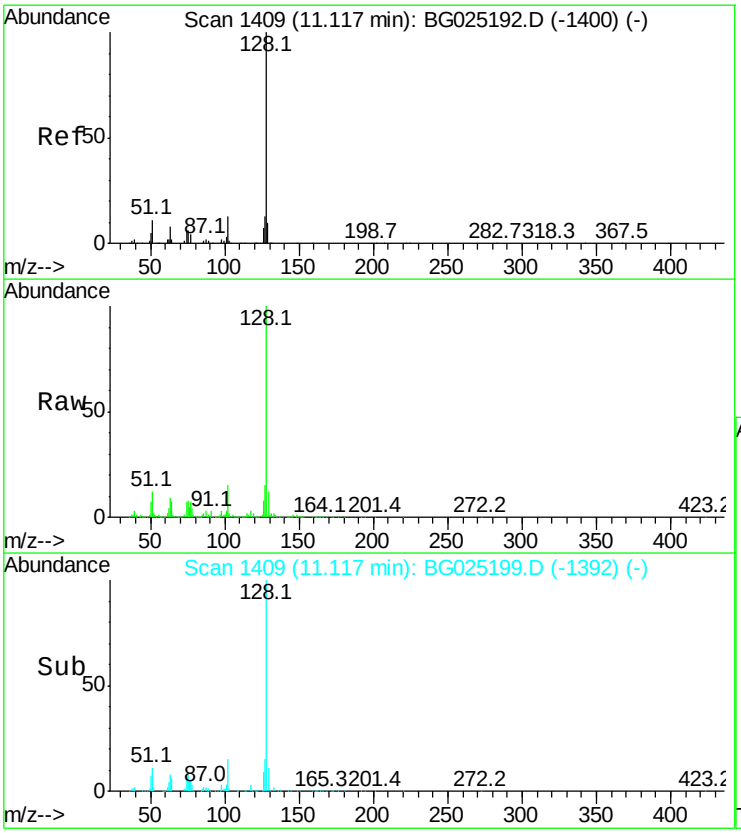
#6
Phenol
Concen: 2.93 ng/ul
RT: 7.42 min Scan# 779
Delta R.T. -0.00 min
Lab File: BG025199.D
Acq: 15 Dec 2016 6:08

Instrument :
BNA_G
ClientSampleId :
DA848

Tgt Ion: 94 Resp: 24027

Ion	Ratio	Lower	Upper
94	100		
65	46.1	26.8	40.2#
66	41.0	44.4	66.6#

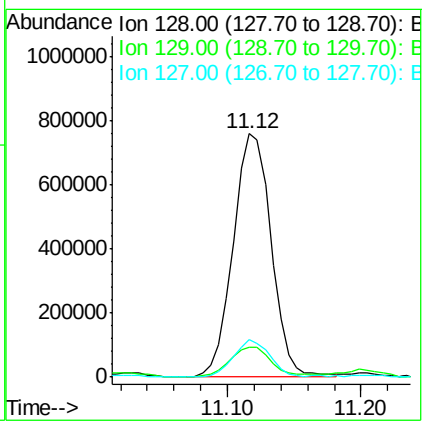


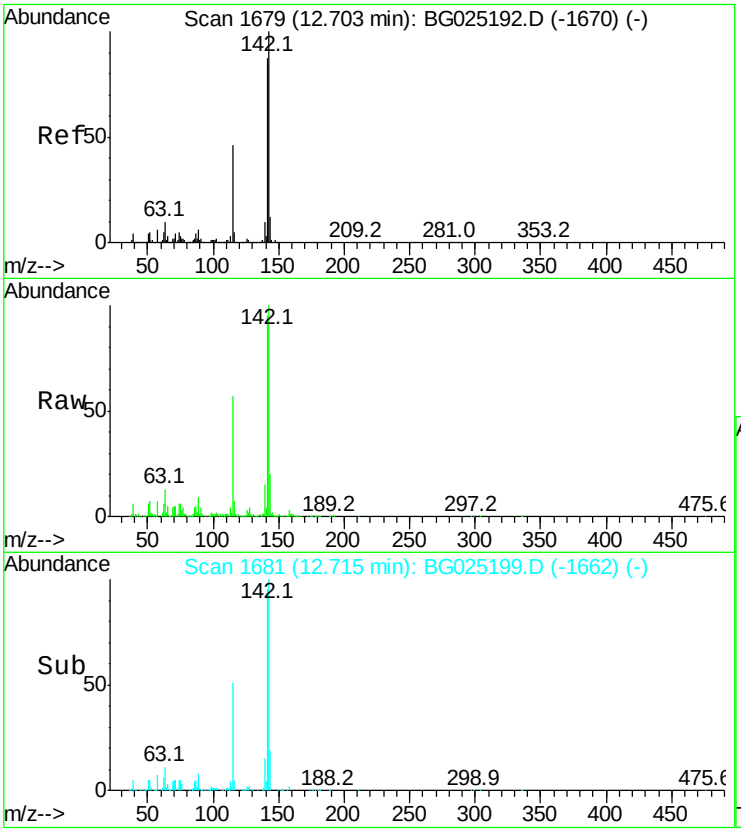


#28
Naphthalene
Concen: 77.20 ng/ul
RT: 11.12 min Scan# 1409
Delta R.T. -0.00 min
Lab File: BG025199.D
Acq: 15 Dec 2016 6:08

Tgt Ion:128 Resp: 1492402

Ion	Ratio	Lower	Upper
128	100		
129	12.4	9.4	14.2
127	15.3	10.3	15.5



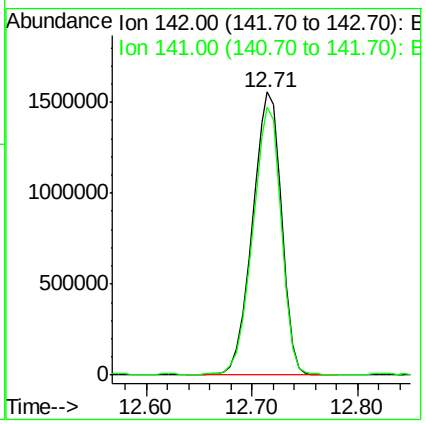


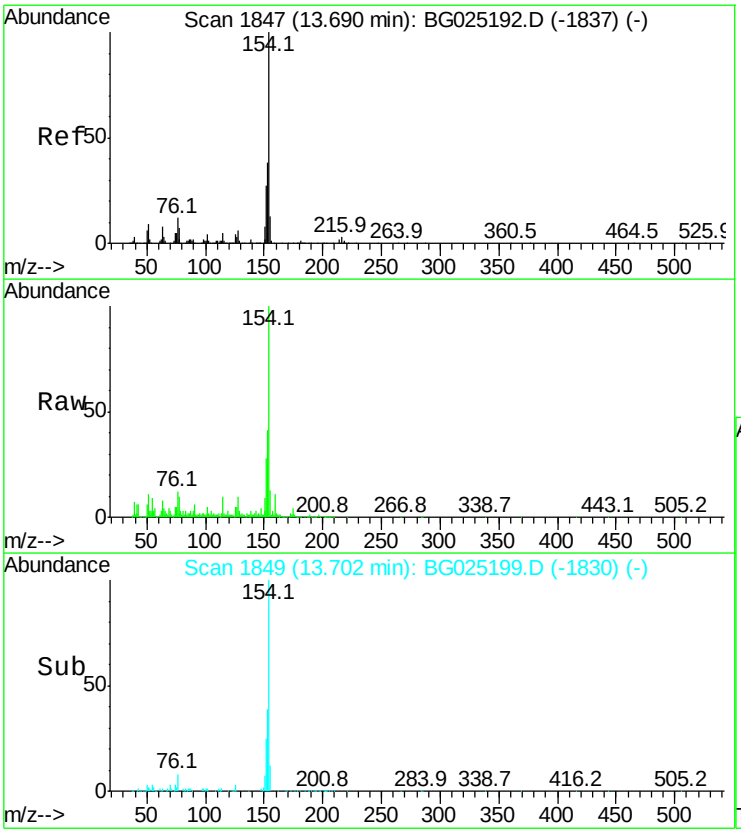
#34
2-Methylnaphthalene
Concen: 194.26 ng/ul
RT: 12.71 min Scan# 1681
Delta R.T. 0.01 min
Lab File: BG025199.D
Acq: 15 Dec 2016 6:08

Instrument :
BNA_G
ClientSampleId :
DA848

Tgt Ion:142 Resp: 2963443

Ion	Ratio	Lower	Upper
142	100		
141	94.8	68.6	102.8

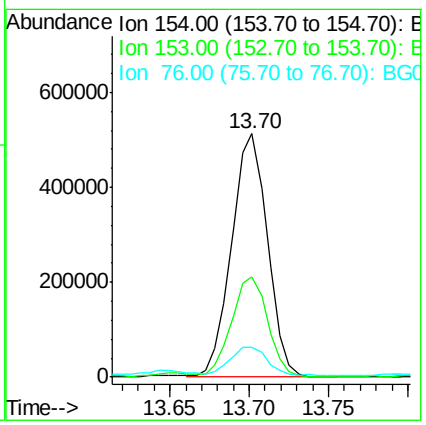


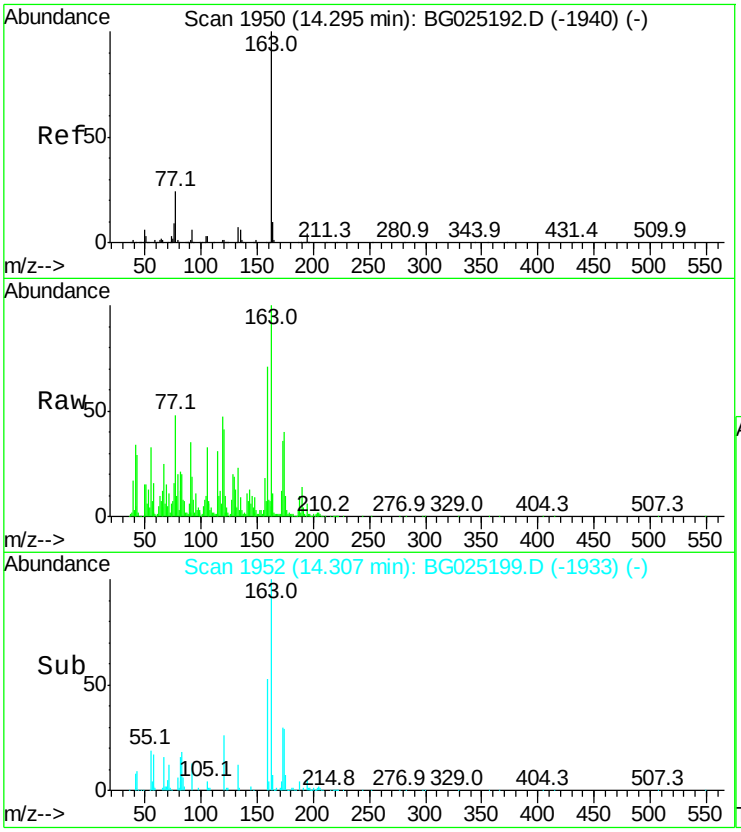


#40
1,1'-Biphenyl
Concen: 40.22 ng/ul
RT: 13.70 min Scan# 1849
Delta R.T. 0.01 min
Lab File: BG025199.D
Acq: 15 Dec 2016 6:08

Tgt Ion:154 Resp: 803008

Ion	Ratio	Lower	Upper
154	100		
153	41.4	32.2	48.2
76	12.1	9.6	14.4



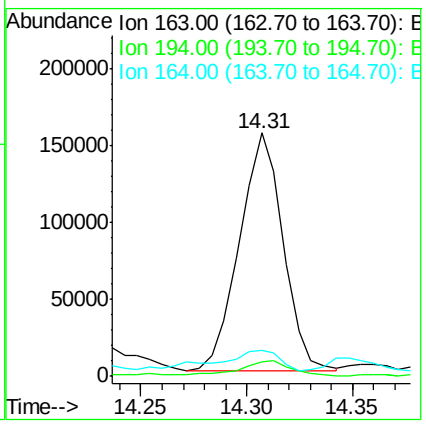


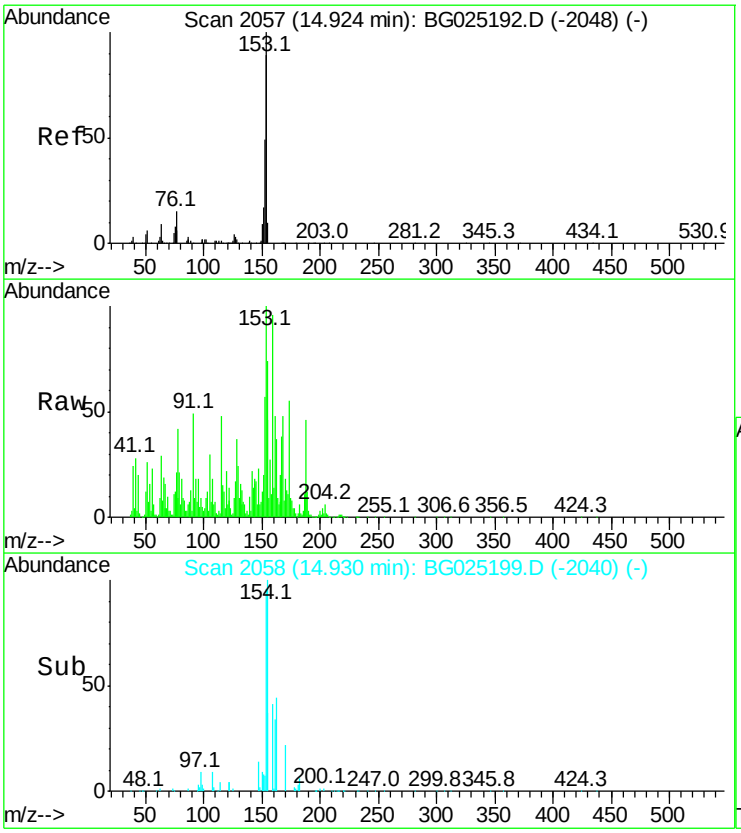
#44
Dimethylphthalate
Concen: 9.92 ng/ul
RT: 14.31 min Scan# 1952
Delta R.T. 0.01 min
Lab File: BG025199.D
Acq: 15 Dec 2016 6:08

Instrument :
BNA_G
ClientSampleId :
DA848

Tgt Ion:163 Resp: 220815

Ion	Ratio	Lower	Upper
163	100		
194	5.7	3.4	5.0#
164	10.9	9.0	13.4

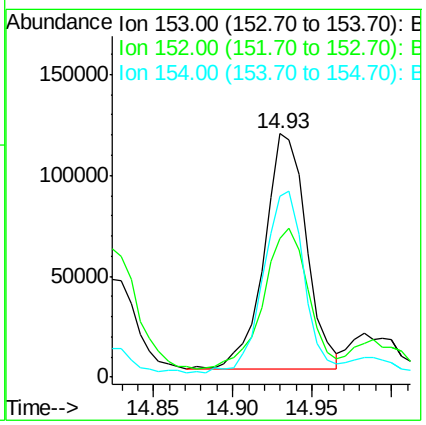


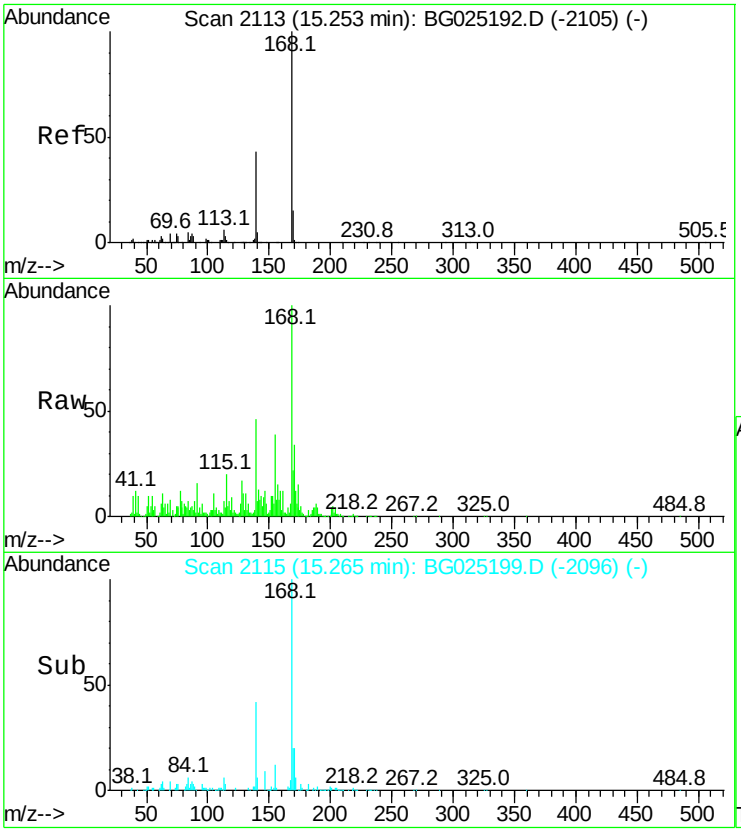


#49
Acenaphthene
Concen: 12.95 ng/ul
RT: 14.93 min Scan# 2058
Delta R.T. 0.01 min
Lab File: BG025199.D
Acq: 15 Dec 2016 6:08

Tgt Ion:153 Resp: 213927

Ion	Ratio	Lower	Upper
153	100		
152	57.1	36.5	54.7#
154	74.3	72.3	108.5



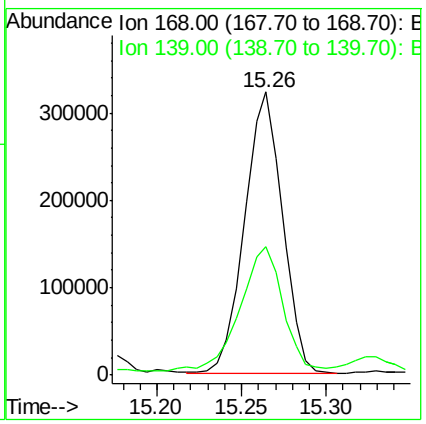


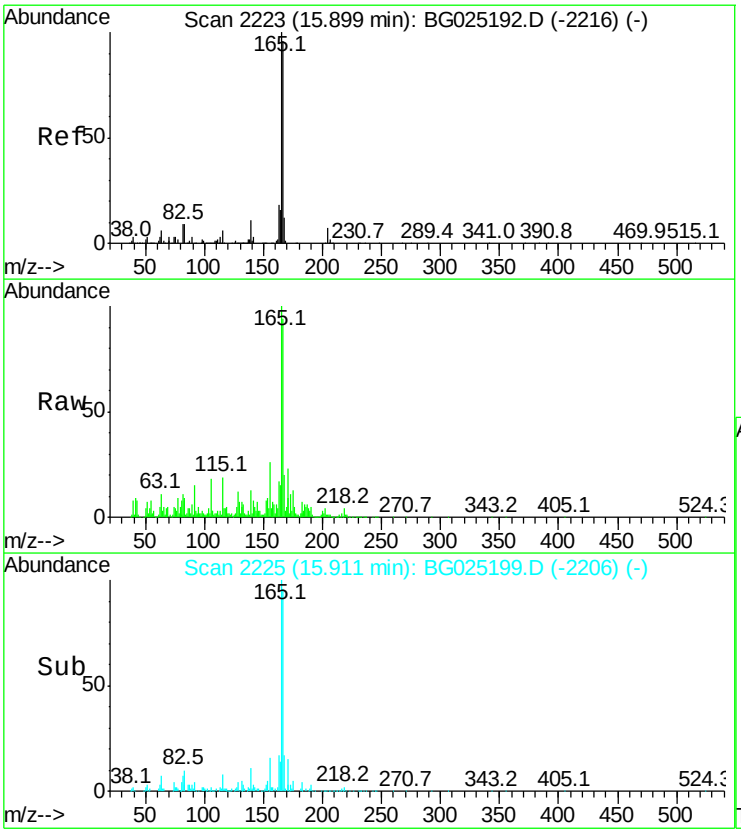
#53
Dibenzofuran
Concen: 19.27 ng/ul
RT: 15.26 min Scan# 2115
Delta R.T. 0.01 min
Lab File: BG025199.D
Acq: 15 Dec 2016 6:08

Instrument :
BNA_G
ClientSampleId :
DA848

Tgt Ion:168 Resp: 503764

Ion	Ratio	Lower	Upper
168	100		
139	45.5	33.8	50.8

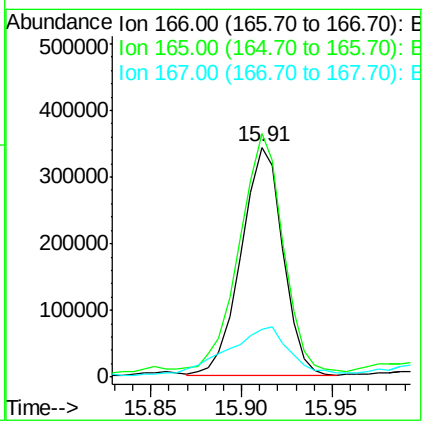


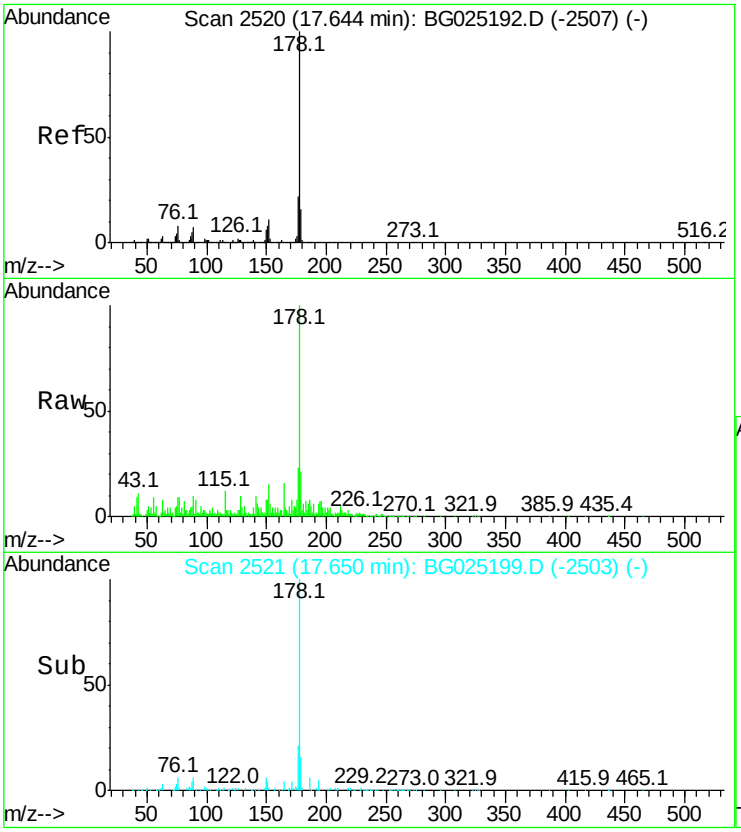


#58
Fluorene
Concen: 25.59 ng/ul
RT: 15.91 min Scan# 2225
Delta R.T. 0.01 min
Lab File: BG025199.D
Acq: 15 Dec 2016 6:08

Tgt Ion:166 Resp: 544546

Ion	Ratio	Lower	Upper
166	100		
165	106.1	79.7	119.5
167	20.8	11.4	17.2#



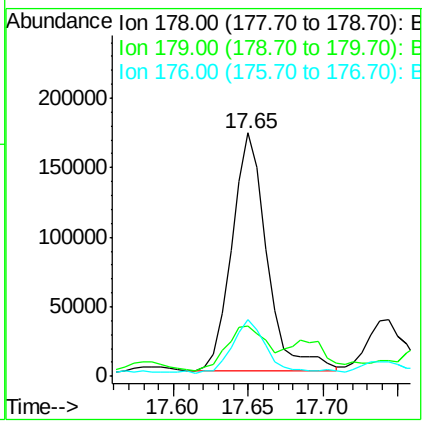


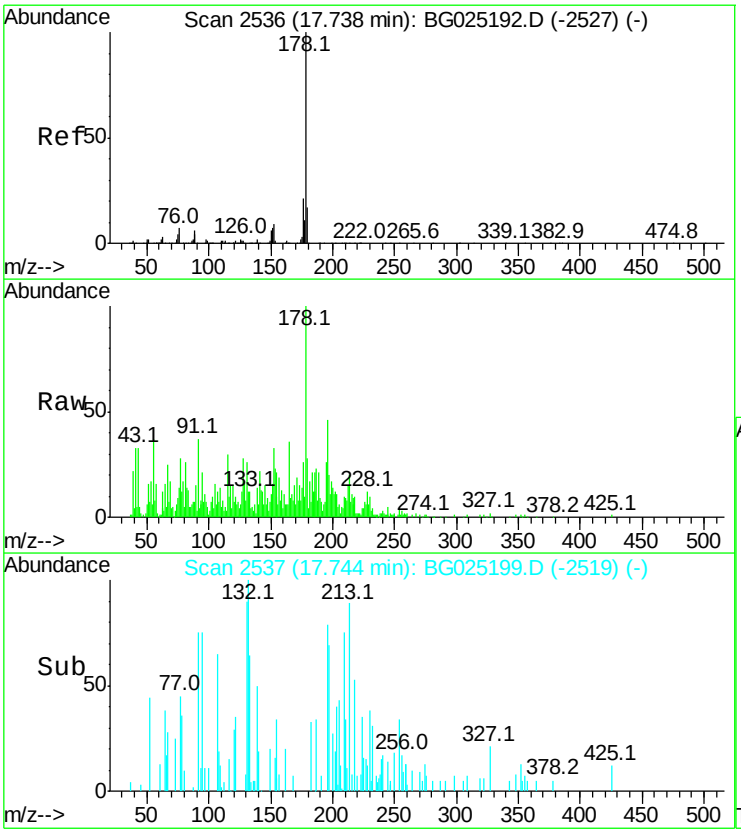
#69
Phenanthrene
Concen: 9.43 ng/ul
RT: 17.65 min Scan# 2521
Delta R.T. 0.01 min
Lab File: BG025199.D
Acq: 15 Dec 2016 6:08

Instrument :
BNA_G
ClientSampleId :
DA848

Tgt Ion:178 Resp: 281053

Ion	Ratio	Lower	Upper
178	100		
179	20.6	12.4	18.6#
176	23.2	16.5	24.7

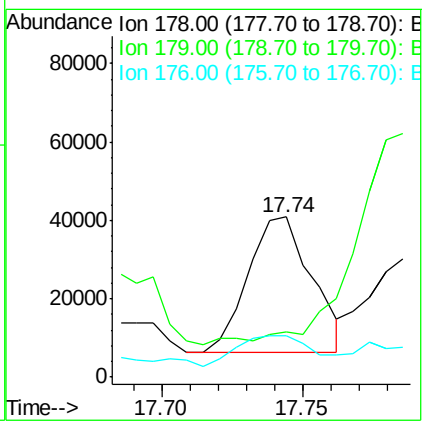


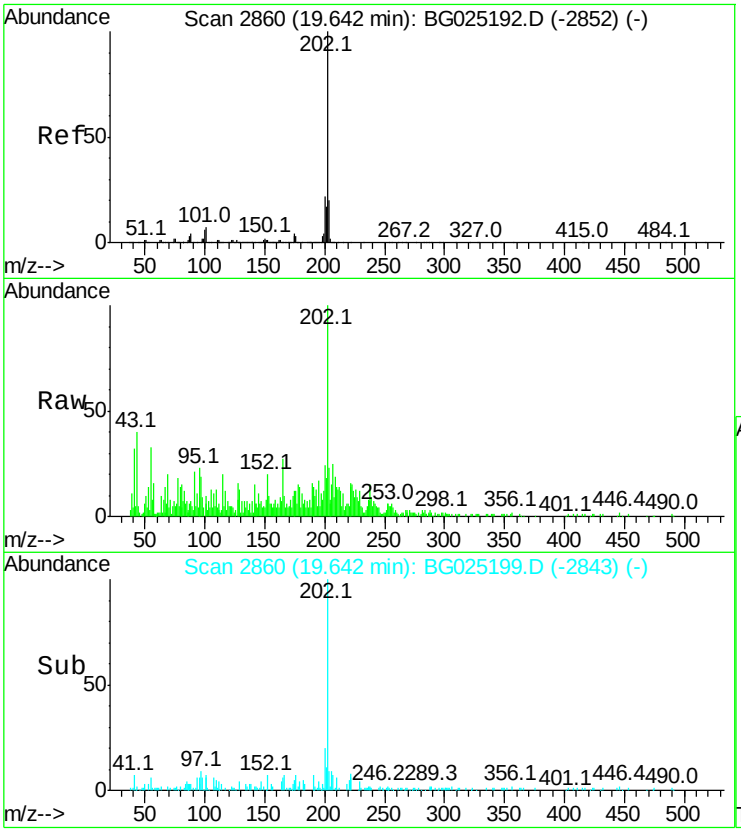


#71
Anthracene
Concen: 1.76 ng/ul
RT: 17.74 min Scan# 2537
Delta R.T. 0.01 min
Lab File: BG025199.D
Acq: 15 Dec 2016 6:08

Tgt Ion:178 Resp: 53923

Ion	Ratio	Lower	Upper
178	100		
179	28.2	12.6	19.0#
176	25.6	15.9	23.9#



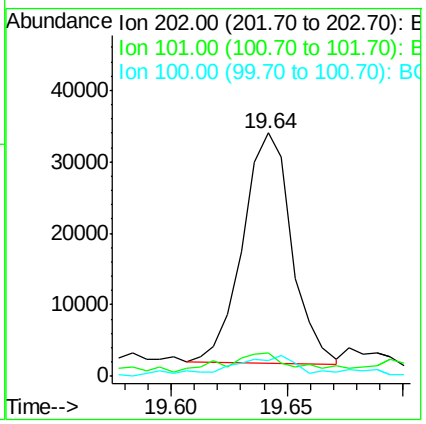


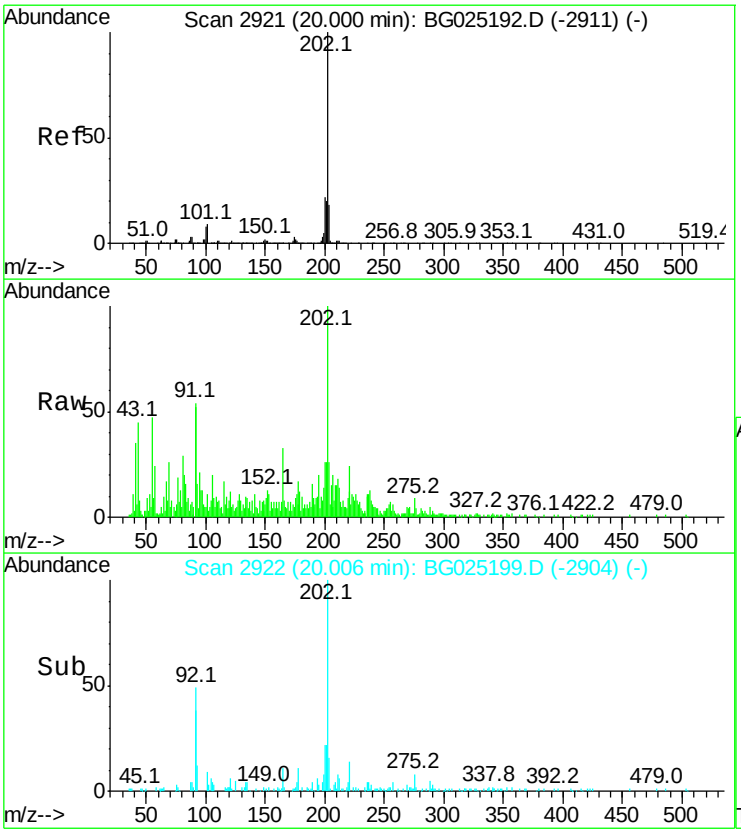
#74
Fluoranthene
Concen: 1.33 ng/ul
RT: 19.64 min Scan# 2860
Delta R.T. -0.00 min
Lab File: BG025199.D
Acq: 15 Dec 2016 6:08

Instrument :
BNA_G
ClientSampleId :
DA848

Tgt Ion:202 Resp: 47278

Ion	Ratio	Lower	Upper
202	100		
101	9.6	6.2	9.2#
100	6.4	5.2	7.8





#77
Pyrene
Concen: 1.62 ng/ul
RT: 20.01 min Scan# 2922
Delta R.T. 0.01 min
Lab File: BG025199.D
Acq: 15 Dec 2016 6:08

Tgt Ion:202 Resp: 59245

Ion	Ratio	Lower	Upper
202	100		
101	11.0	6.9	10.3#
100	4.5	6.6	10.0#