Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
Data File : BG023658.D
Acq On : 12 Aug 2016 16:13
Operator : UM/SJ
Sample : H4360-13MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR001-SS003-0206-01MSD

Quant Time: Aug 13 01:33:56 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 01:31:24 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	228587	20.00	ng/ul	0.00
18) Naphthalene-d8	10.96	136	1048941	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.80	164	665480	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.56	188	1091509	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	973260	20.00	ng/ul	0.00
83) Perylene-d12	25.31	264	1001392	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.49	96	5854	1.09	ng/uL	0.01
5) Phenol-d5	7.28	99	385944	16.76	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.52	67	710	0.05	ng/ul	0.10
9) 2-Chlorophenol-d4	7.65	132	281565	17.92	ng/ul	0.01
13) 4-Methylphenol-d8	8.83	113	274939	15.29	ng/ul	0.01
19) Nitrobenzene-d5	9.30	128	140937	17.05	ng/ul	0.01
22) 2-Nitrophenol-d4	10.03	143	181765	19.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.58	165	317544	17.73	ng/ul	0.01
29) 4-Chloroaniline-d4	11.10	131	52513	2.50	ng/ul	0.01
43) Dimethylphthalate-d6	14.19	166	905477	16.62	ng/ul	0.00
46) Acenaphthylene-d8	14.49	160	1056129	17.22	ng/ul	0.00
51) 4-Nitrophenol-d4	15.01	143	96097	10.33	ng/ul	0.01
57) Fluorene-d10	15.79	176	725890	14.42	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.93	200	53444	7.63	ng/ul	0.02
70) Anthracene-d10	17.66	188	840874	17.10	ng/ul	0.00
76) Pyrene-d10	19.96	212	779120	15.81	ng/ul	0.01
87) Benzo(a)pyrene-d12	25.07	264	741635	16.36	ng/ul	0.02
Target Compounds						Qvalue
6) Phenol	7.30	94	394632	16.46	ng/ul#	70
10) 2-Chlorophenol	7.68	128	279705	17.48	ng/ul#	83
15) N-Nitroso-di-n-propylamine	8.92	70	276991	15.97	ng/ul#	85
44) Dimethylphthalate	14.23	163	532744	9.87	ng/ul	99
49) Acenaphthene	14.86	153	730842	16.72	ng/ul	94
54) 2,4-Dinitrotoluene	15.17	165	235685	13.30	ng/ul#	76
68) Pentachlorophenol	17.22	266	95347	12.96	ng/ul	87
69) Phenanthrene	17.60	178	174186	3.08	ng/ul	96
71) Anthracene	17.60	178	175017	3.03	ng/ul	96
74) Fluoranthene	19.62	202	309485	5.35	ng/ul#	91
77) Pyrene	19.98	202	1223541	20.34	ng/ul#	92
80) Benzo(a)anthracene	21.86	228	147657	2.69	ng/ul#	92
81) Bis(2-ethylhexyl)phthalate	21.74	149	39223	1.28	ng/ul#	75
82) Chrysene	21.93	228	180834	3.63	ng/ul#	91
85) Benzo(b)fluoranthene	24.22	252	238603	4.19	ng/ul#	75
88) Benzo(a)pyrene	25.14	252	157704	2.87	ng/ul#	90

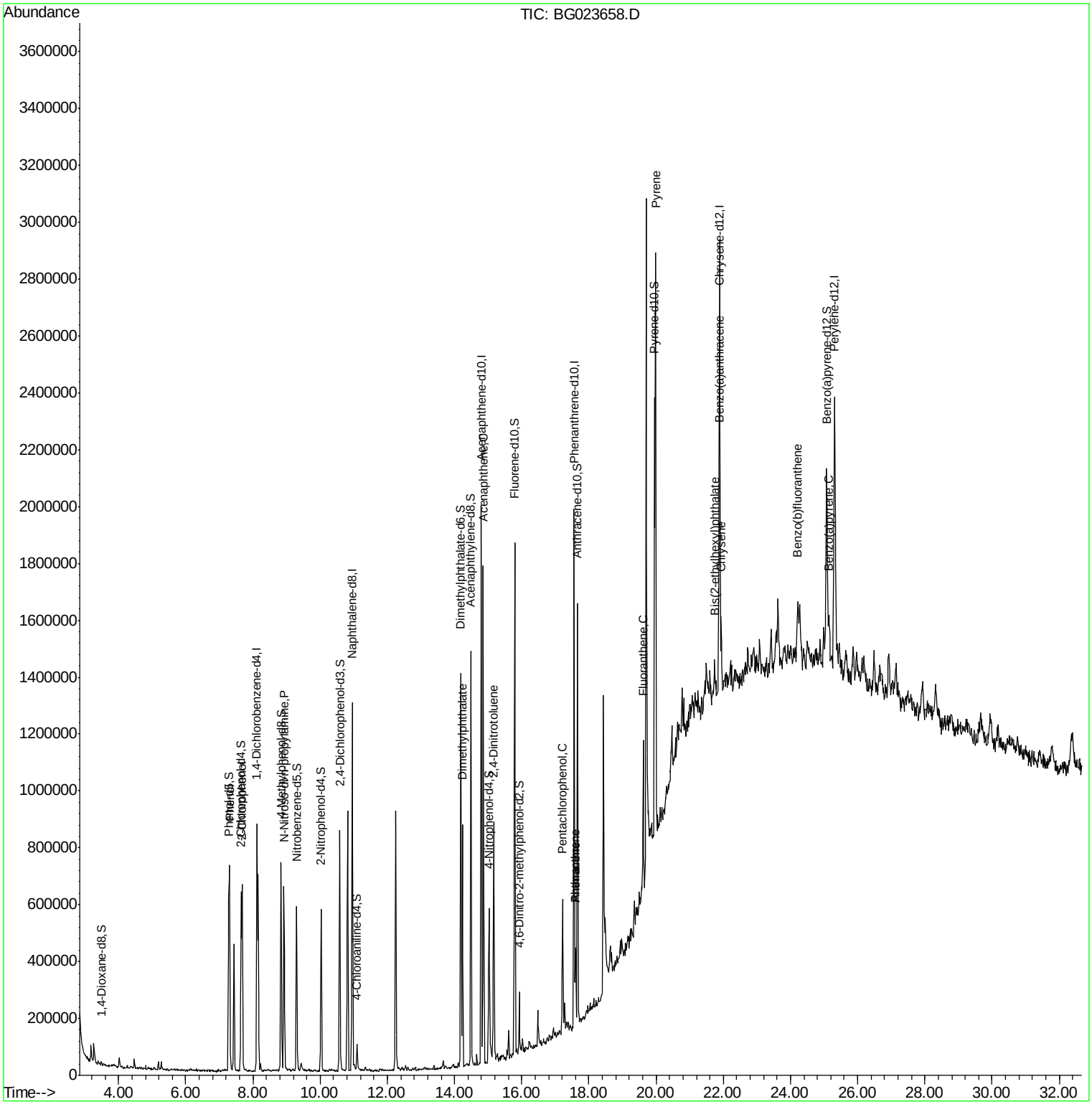
(#) = qualifier out of range (m) = manual integration (+) = signals summed

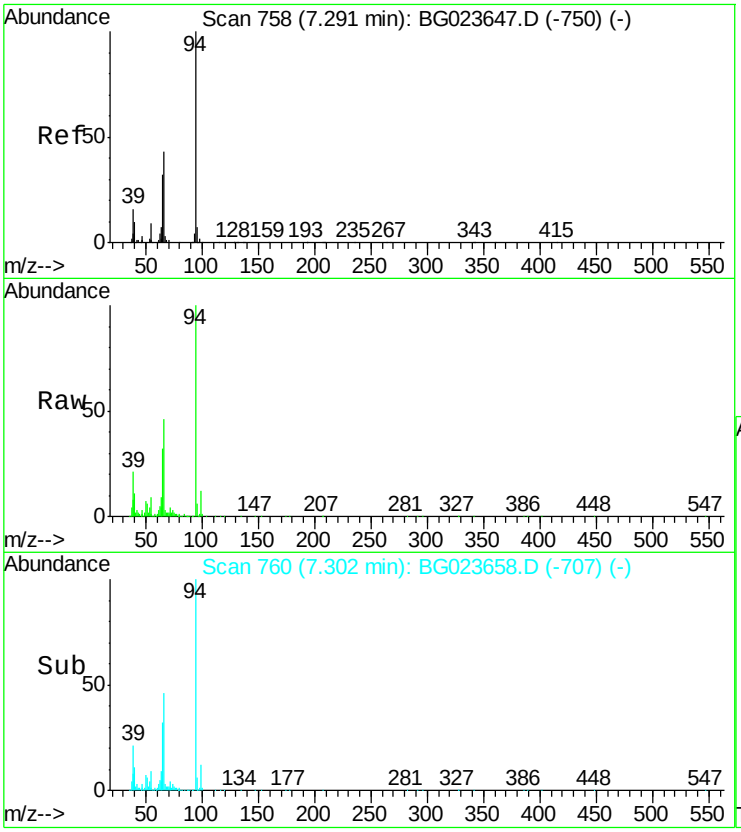
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
Data File : BG023658.D
Acq On : 12 Aug 2016 16:13
Operator : UM/SJ
Sample : H4360-13MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS003-0206-01MSD

Quant Time: Aug 13 01:33:56 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 01:31:24 2016
Response via : Initial Calibration



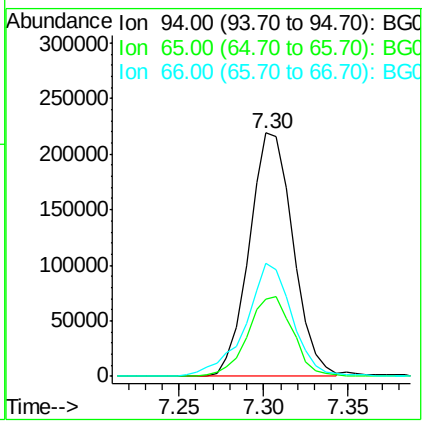


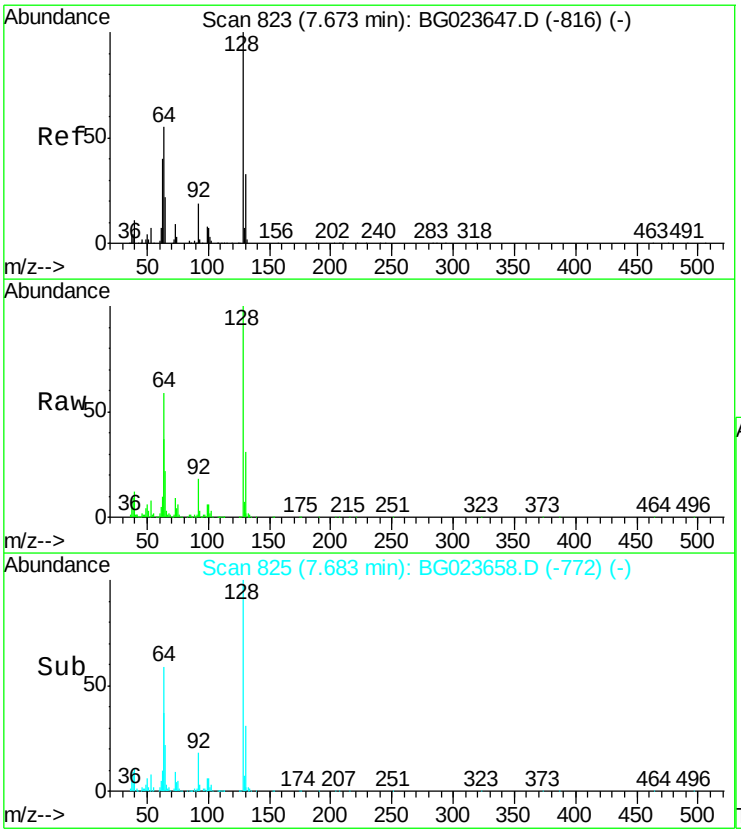
#6
Phenol
Concen: 16.46 ng/ul
RT: 7.30 min Scan# 760
Delta R.T. 0.01 min
Lab File: BG023658.D
Acq: 12 Aug 2016 16:13

Instrument :
BNA_G
ClientSampleId :
PR001-SS003-0206-01MSD

Tgt Ion: 94 Resp: 394632

Ion	Ratio	Lower	Upper
94	100		
65	31.8	16.8	25.2#
66	46.4	22.6	33.8#

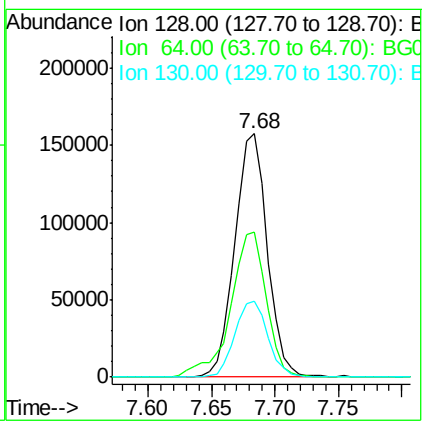


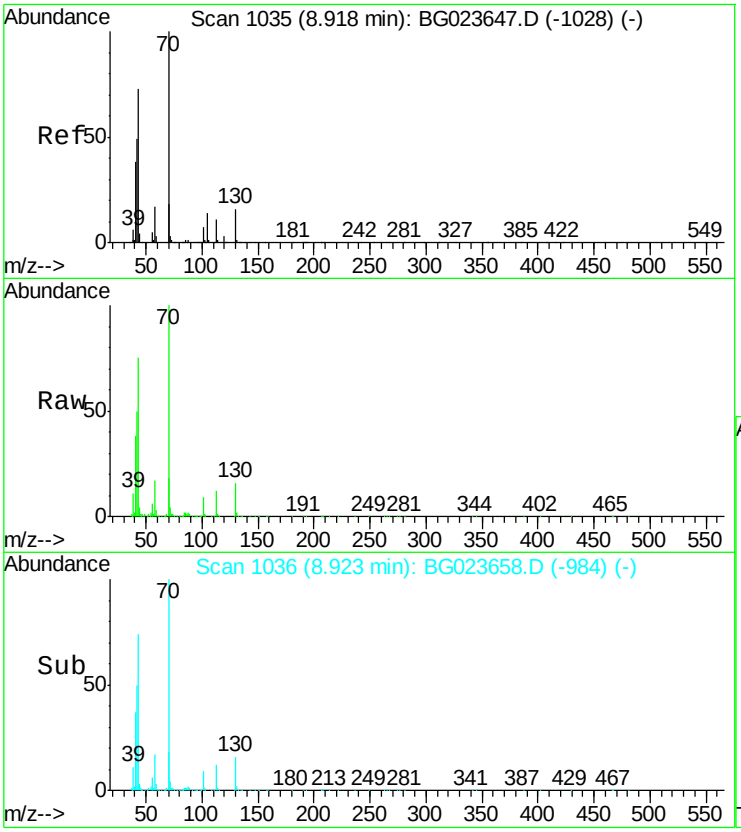


#10
2-Chlorophenol
Concen: 17.48 ng/ul
RT: 7.68 min Scan# 825
Delta R.T. 0.01 min
Lab File: BG023658.D
Acq: 12 Aug 2016 16:13

Tgt Ion:128 Resp: 279705

Ion	Ratio	Lower	Upper
128	100		
64	59.5	34.2	51.4#
130	31.0	27.0	40.4



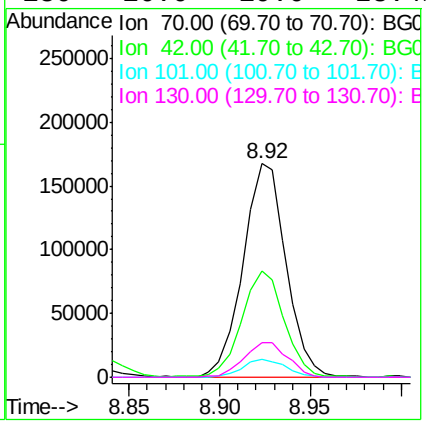


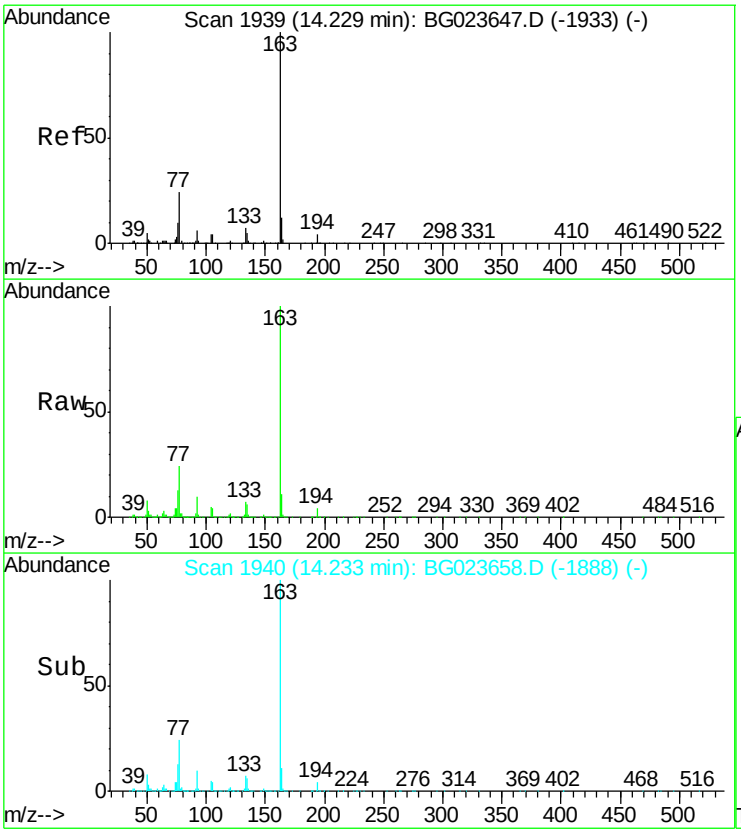
#15
N-Nitroso-di-n-propylamine
Concen: 15.97 ng/ul
RT: 8.92 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BG023658.D
Acq: 12 Aug 2016 16:13

Instrument :
BNA_G
ClientSampleId :
PR001-SS003-0206-01MSD

Tgt Ion: 70 Resp: 276991

Ion	Ratio	Lower	Upper
70	100		
42	49.8	31.4	47.2#
101	8.6	8.6	13.0#
130	16.0	19.0	28.4#

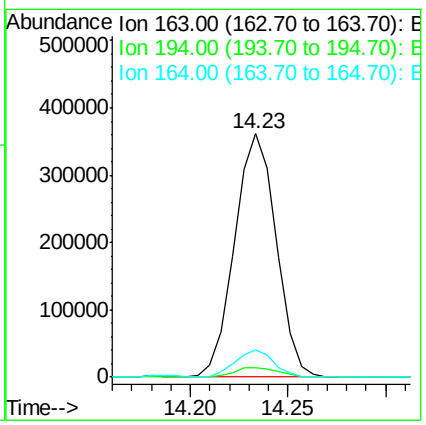


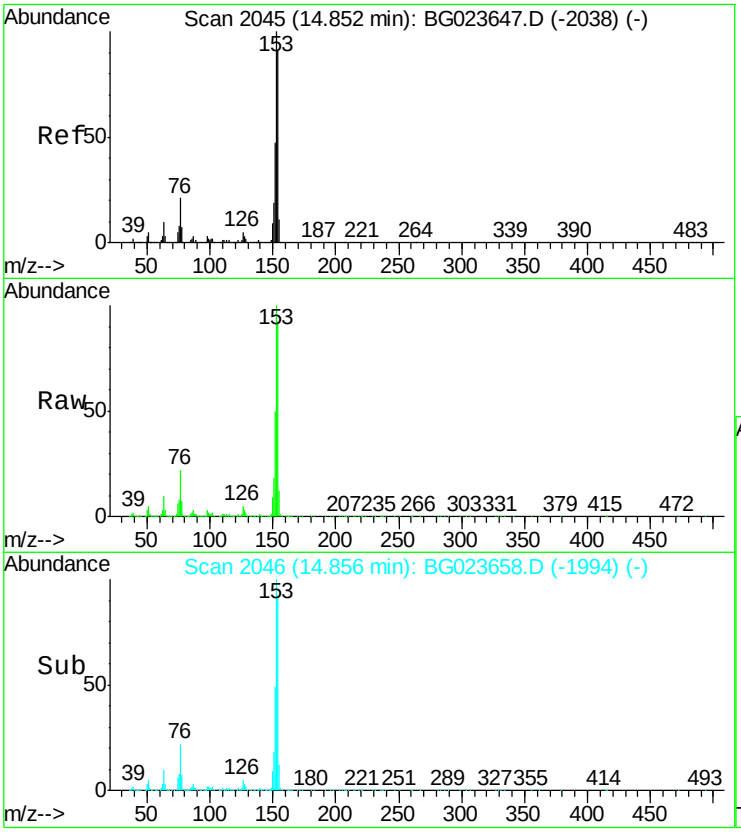


#44
Dimethylphthalate
Concen: 9.87 ng/ul
RT: 14.23 min Scan# 1940
Delta R.T. 0.00 min
Lab File: BG023658.D
Acq: 12 Aug 2016 16:13

Tgt Ion:163 Resp: 532744

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.4	5.2
164	11.3	8.8	13.2



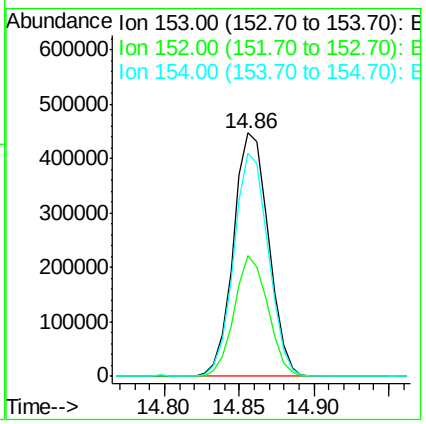


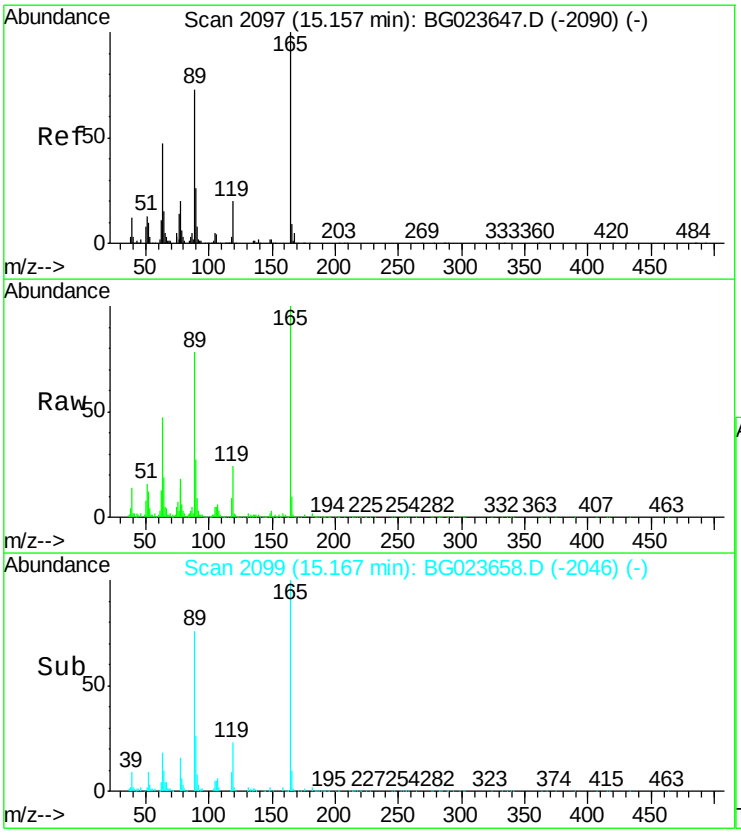
#49
Acenaphthene
Concen: 16.72 ng/ul
RT: 14.86 min Scan# 2046
Delta R.T. 0.00 min
Lab File: BG023658.D
Acq: 12 Aug 2016 16:13

Instrument :
BNA_G
ClientSampleId :
PR001-SS003-0206-01MSD

Tgt Ion:153 Resp: 730842

Ion	Ratio	Lower	Upper
153	100		
152	49.5	37.3	55.9
154	91.8	68.2	102.2

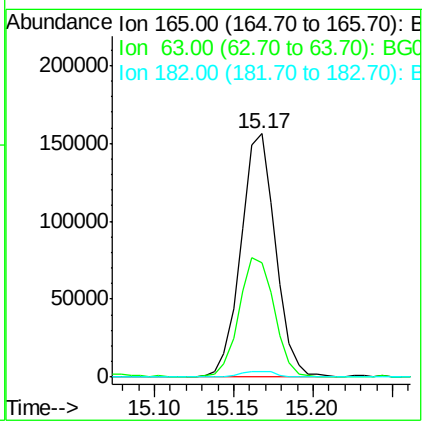


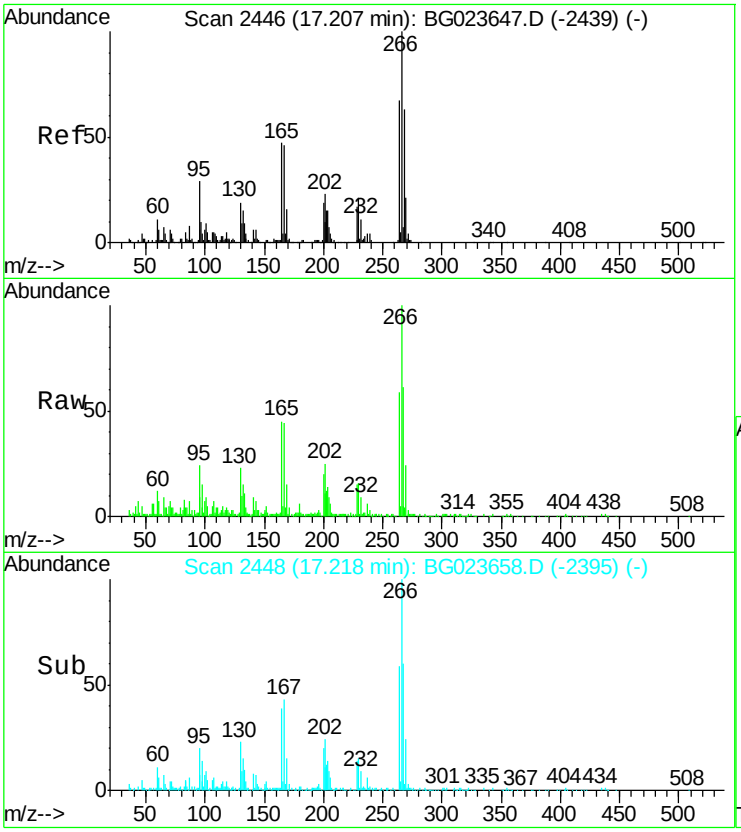


#54
2,4-Dinitrotoluene
Concen: 13.30 ng/ul
RT: 15.17 min Scan# 2099
Delta R.T. 0.01 min
Lab File: BG023658.D
Acq: 12 Aug 2016 16:13

Tgt Ion:165 Resp: 235685

Ion	Ratio	Lower	Upper
165	100		
63	46.8	25.7	38.5#
182	2.1	2.1	3.1#



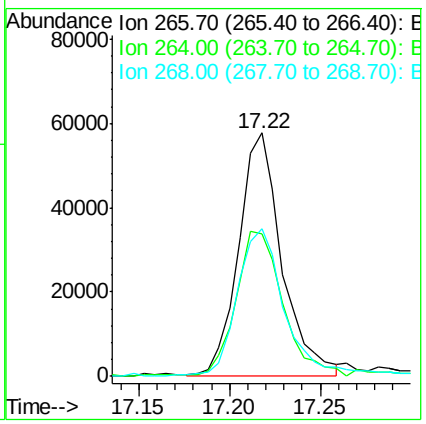


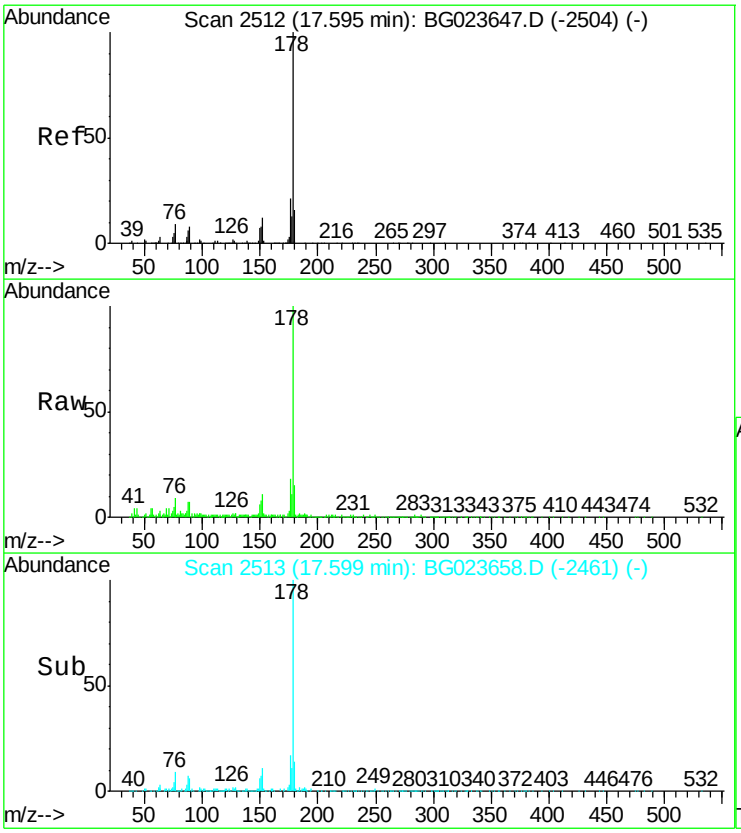
#68
Pentachlorophenol
Concen: 12.96 ng/ul
RT: 17.22 min Scan# 2448
Delta R.T. 0.01 min
Lab File: BG023658.D
Acq: 12 Aug 2016 16:13

Instrument :
BNA_G
ClientSampleId :
PR001-SS003-0206-01MSD

Tgt Ion:266 Resp: 95347

Ion	Ratio	Lower	Upper
266	100		
264	58.5	54.7	82.1
268	60.9	57.8	86.8

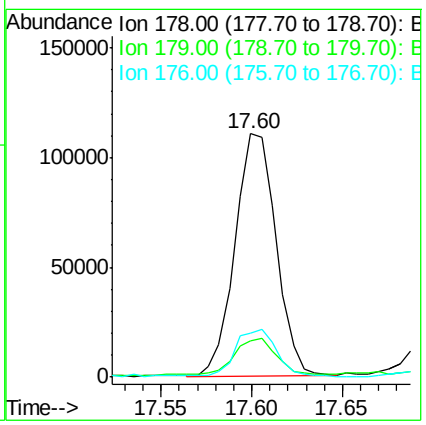


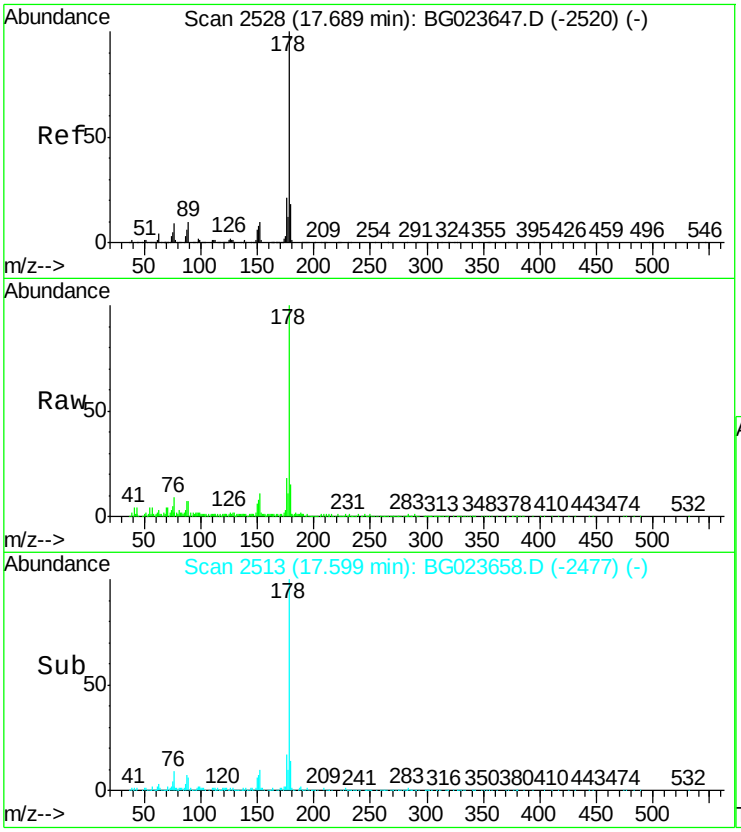


#69
Phenanthrene
Concen: 3.08 ng/ul
RT: 17.60 min Scan# 2513
Delta R.T. 0.00 min
Lab File: BG023658.D
Acq: 12 Aug 2016 16:13

Tgt Ion:178 Resp: 174186

Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.9	19.3
176	18.0	15.8	23.8



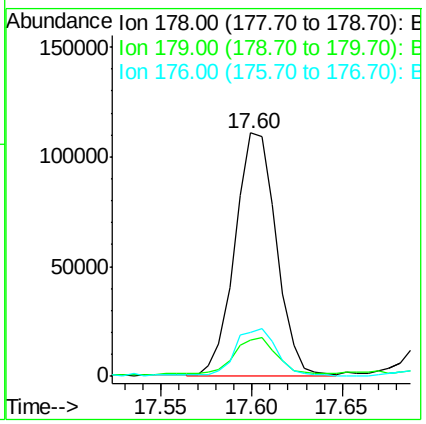


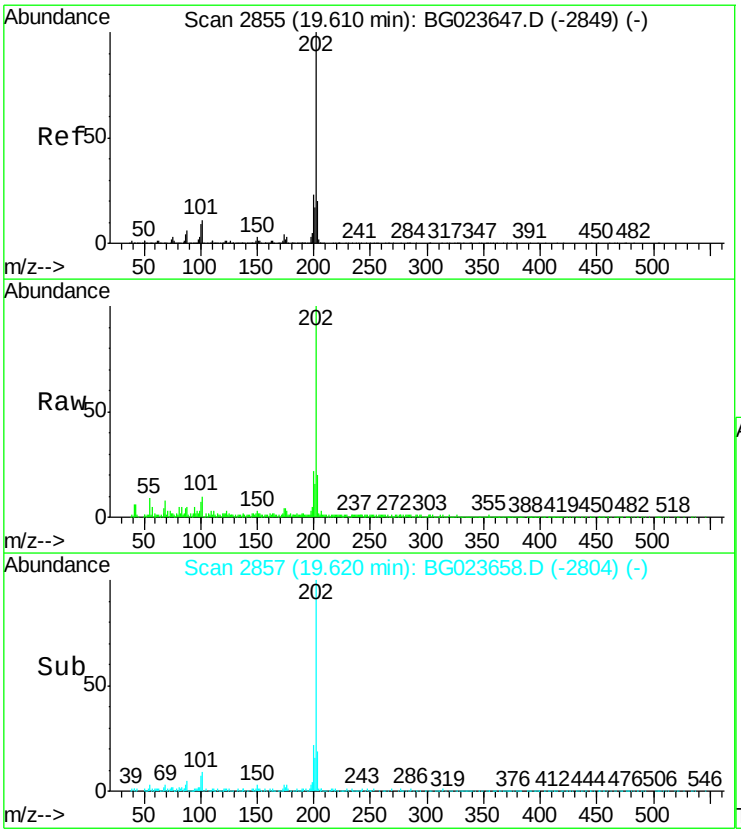
#71
Anthracene
Concen: 3.03 ng/ul
RT: 17.60 min Scan# 2513
Delta R.T. -0.09 min
Lab File: BG023658.D
Acq: 12 Aug 2016 16:13

Instrument :
BNA_G
ClientSampleId :
PR001-SS003-0206-01MSD

Tgt Ion:178 Resp: 175017

Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.3	18.5
176	18.0	16.3	24.5

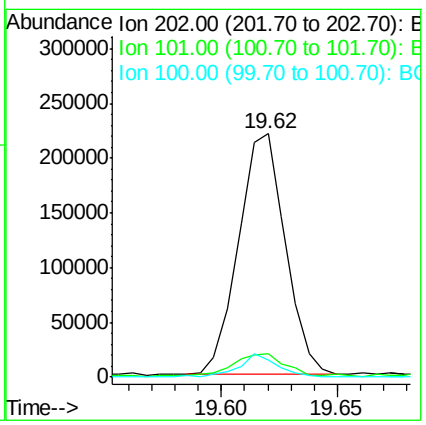


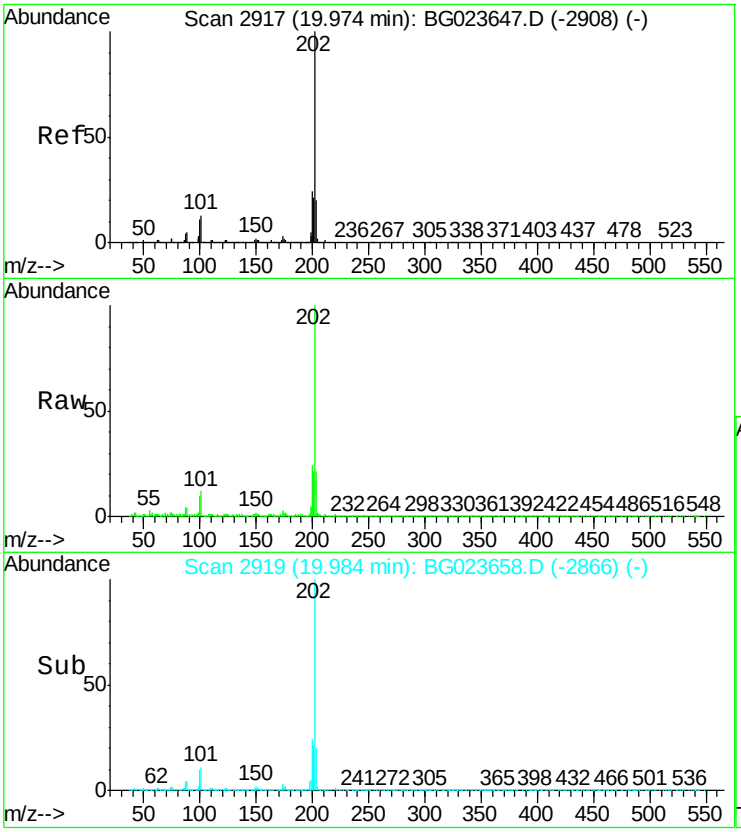


#74
Fluoranthene
Concen: 5.35 ng/ul
RT: 19.62 min Scan# 2857
Delta R.T. 0.01 min
Lab File: BG023658.D
Acq: 12 Aug 2016 16:13

Tgt Ion:202 Resp: 309485

Ion	Ratio	Lower	Upper
202	100		
101	9.8	10.6	16.0#
100	7.0	8.7	13.1#



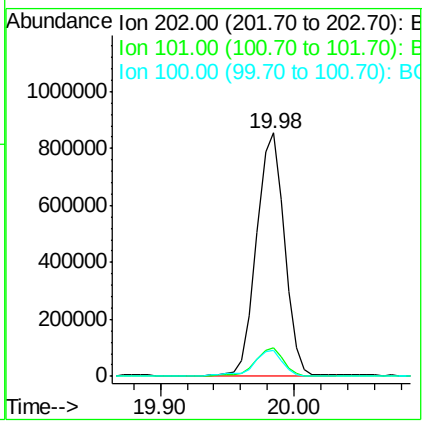


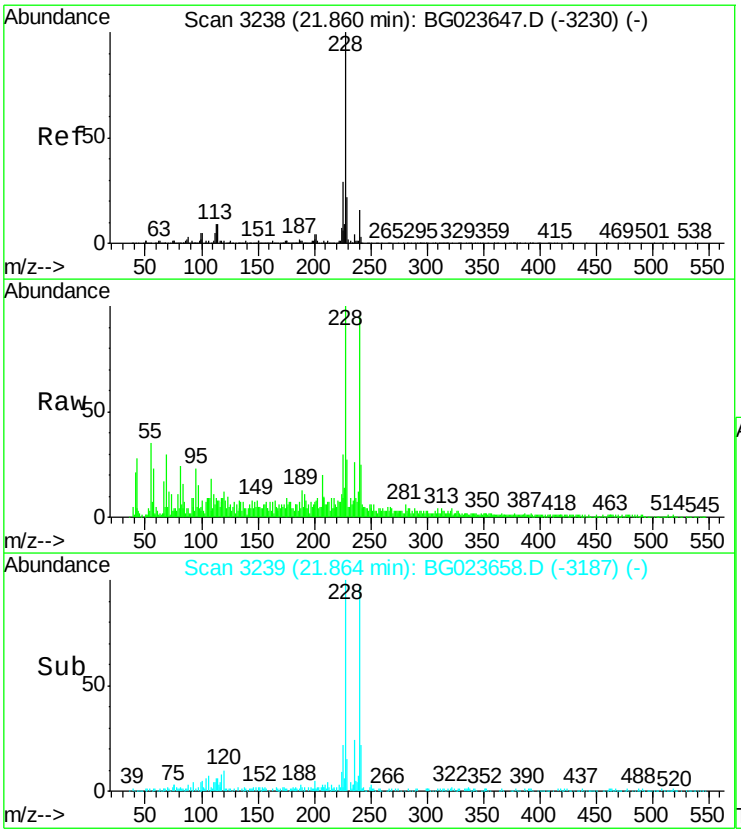
#77
Pyrene
Concen: 20.34 ng/ul
RT: 19.98 min Scan# 2919
Delta R.T. 0.01 min
Lab File: BG023658.D
Acq: 12 Aug 2016 16:13

Instrument :
BNA_G
ClientSampleId :
PR001-SS003-0206-01MSD

Tgt Ion:202 Resp: 1223541

Ion	Ratio	Lower	Upper
202	100		
101	11.5	12.5	18.7#
100	10.5	10.2	15.4

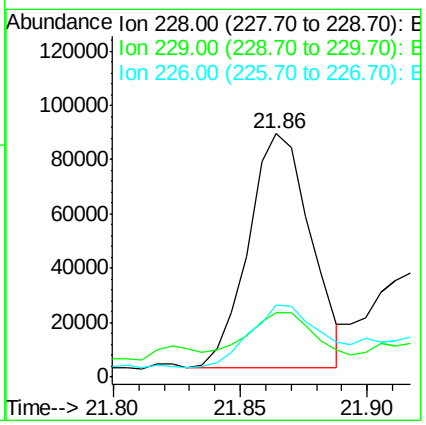


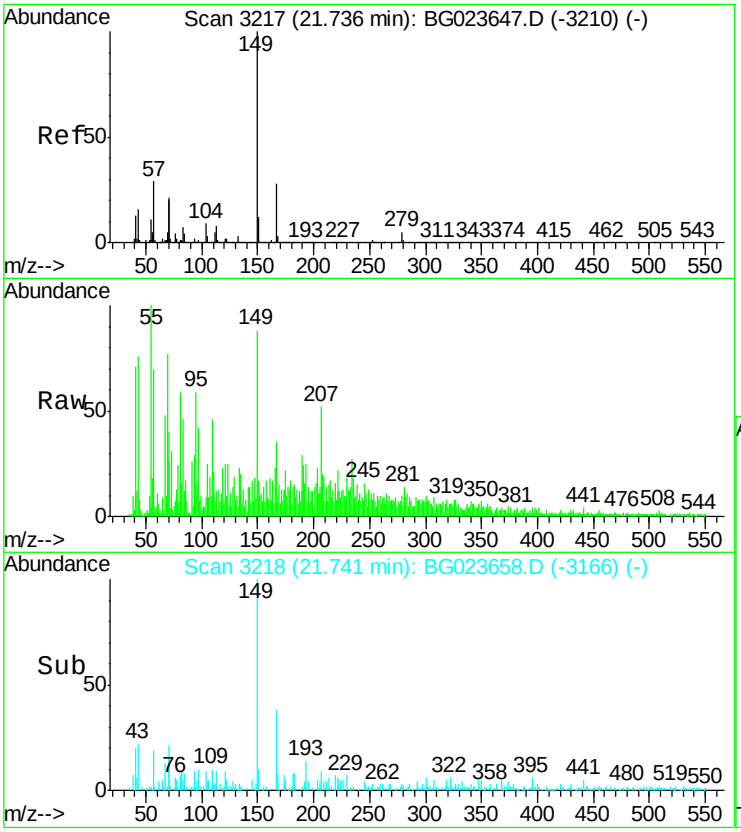


#80
Benzo(a)anthracene
Concen: 2.69 ng/ul
RT: 21.86 min Scan# 3239
Delta R.T. 0.00 min
Lab File: BG023658.D
Acq: 12 Aug 2016 16:13

Tgt Ion:228 Resp: 147657

Ion	Ratio	Lower	Upper
228	100		
229	26.7	15.4	23.2#
226	29.6	22.8	34.2



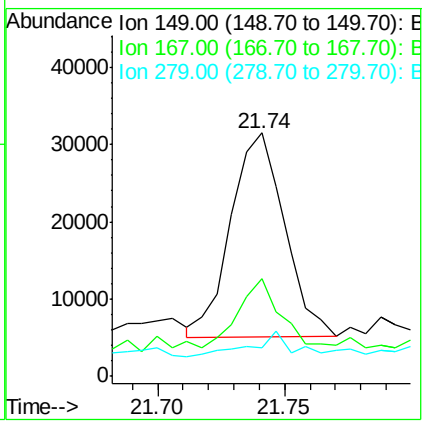


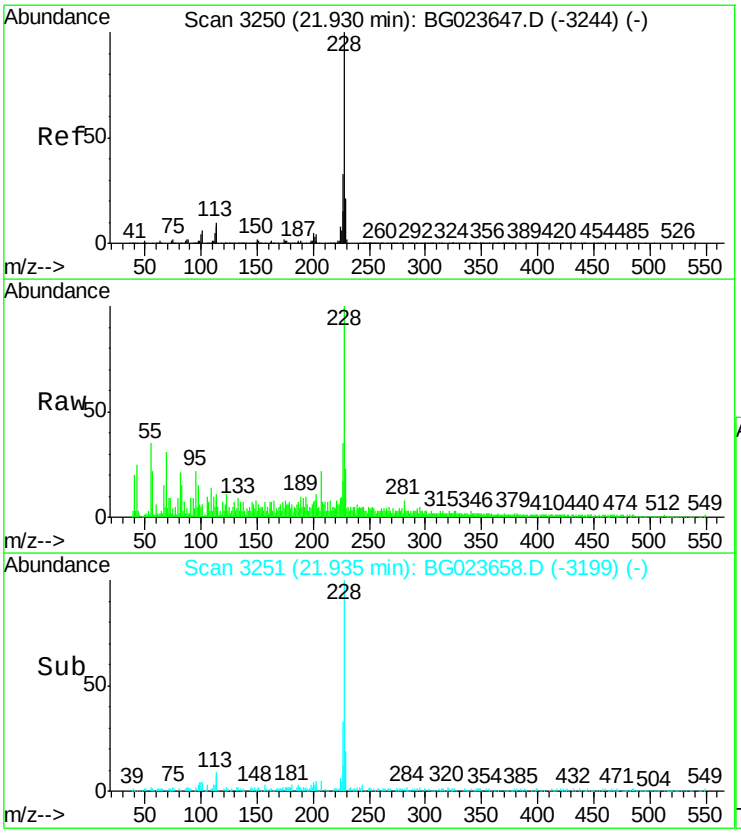
#81
Bis(2-ethylhexyl)phthalate
Concen: 1.28 ng/ul
RT: 21.74 min Scan# 3218
Delta R.T. 0.00 min
Lab File: BG023658.D
Acq: 12 Aug 2016 16:13

Instrument :
BNA_G
ClientSampleId :
PR001-SS003-0206-01MSD

Tgt Ion:149 Resp: 39223

Ion	Ratio	Lower	Upper
149	100		
167	40.1	21.9	32.9#
279	11.9	2.9	4.3#

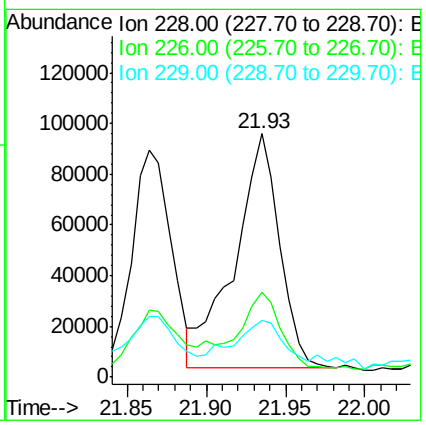


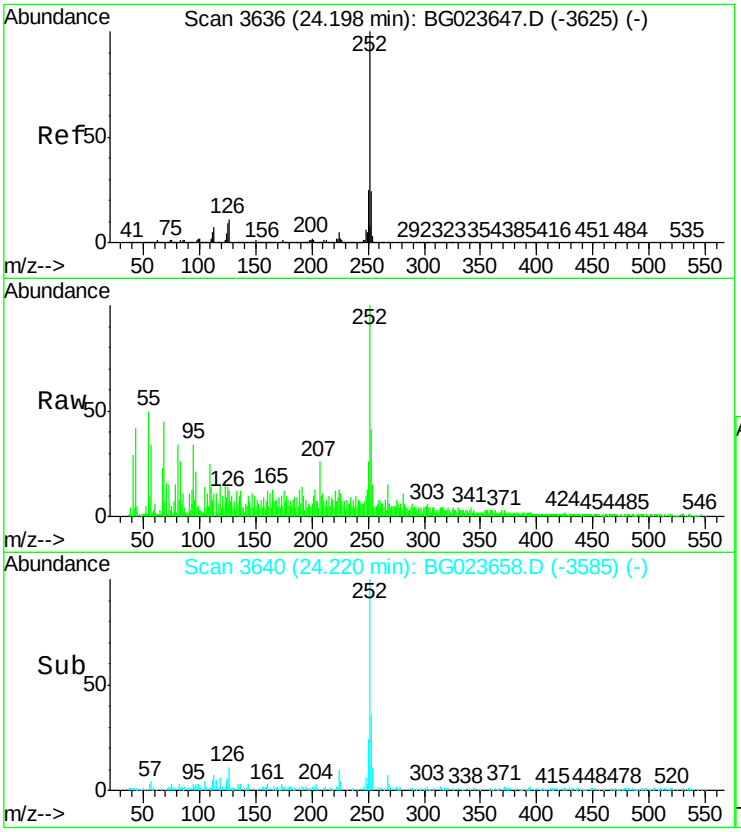


#82
Chrysene
Concen: 3.63 ng/ul
RT: 21.93 min Scan# 3251
Delta R.T. 0.00 min
Lab File: BG023658.D
Acq: 12 Aug 2016 16:13

Tgt Ion:228 Resp: 180834

Ion	Ratio	Lower	Upper
228	100		
226	34.9	24.2	36.4
229	23.1	15.0	22.6#



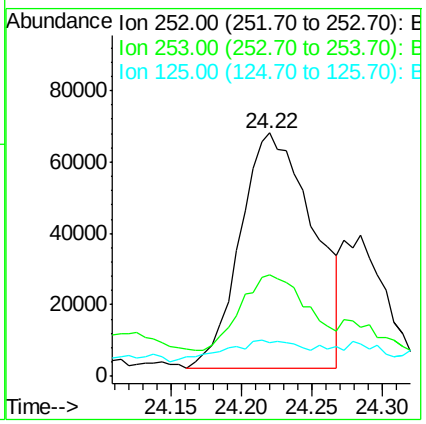


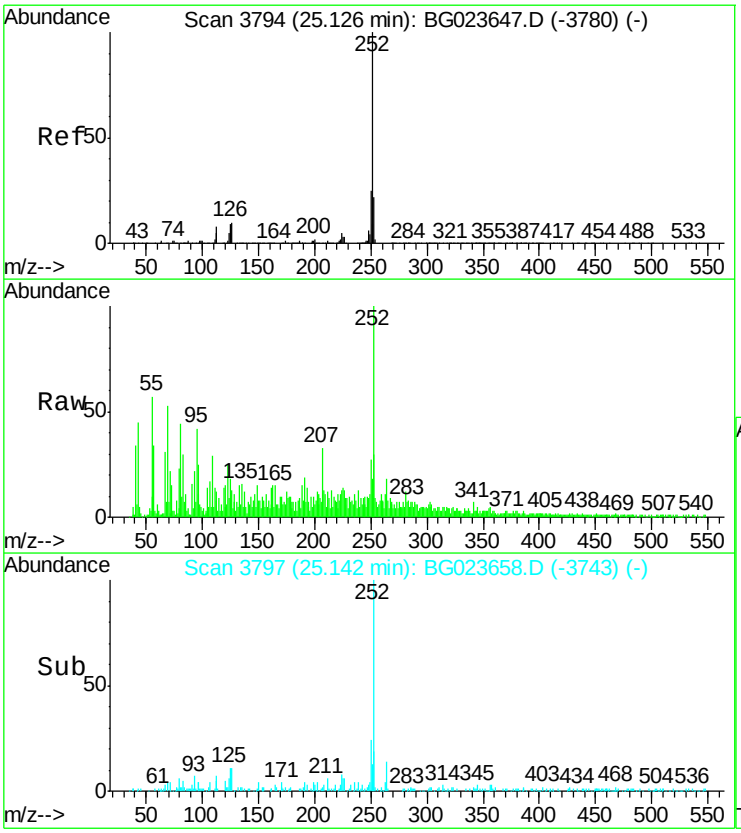
#85
Benzo(b)fluoranthene
Concen: 4.19 ng/ul
RT: 24.22 min Scan# 3640
Delta R.T. 0.02 min
Lab File: BG023658.D
Acq: 12 Aug 2016 16:13

Instrument :
BNA_G
ClientSampleId :
PR001-SS003-0206-01MSD

Tgt Ion:252 Resp: 238603

Ion	Ratio	Lower	Upper
252	100		
253	41.5	18.2	27.2#
125	13.9	10.8	16.2





#88
Benzo(a)pyrene
Concen: 2.87 ng/ul
RT: 25.14 min Scan# 3797
Delta R.T. 0.02 min
Lab File: BG023658.D
Acq: 12 Aug 2016 16:13

Tgt Ion:252 Resp: 157704

Ion	Ratio	Lower	Upper
252	100		
253	29.5	19.0	28.4#
125	18.0	12.0	18.0#