Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080916\
Data File : BG023558.D
Acq On : 9 Aug 2016 16:09
Operator : UM/SJ
Sample : H4362-04MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR001-SS005-0002-01MS

Quant Time: Aug 10 05:02:22 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 10 05:01:49 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	130069	20.00	ng/ul	-0.03
18) Naphthalene-d8	10.95	136	625497	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.78	164	478952	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.54	188	1179182	20.00	ng/ul	0.00
75) Chrysene-d12	21.87	240	1189572	20.00	ng/ul	0.00
83) Perylene-d12	25.26	264	1159702	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.48	96	6278	2.05	ng/uL	0.00
5) Phenol-d5	7.26	99	293795	22.42	ng/ul	-0.03
7) Bis-(2-Chloroethyl)ether-d	7.42	67	207631	24.73	ng/ul	-0.03
9) 2-Chlorophenol-d4	7.63	132	208398	23.31	ng/ul	-0.03
13) 4-Methylphenol-d8	8.83	113	211666	20.69	ng/ul	-0.02
19) Nitrobenzene-d5	9.29	128	112231	22.76	ng/ul	-0.03
22) 2-Nitrophenol-d4	10.02	143	131634	23.25	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.57	165	233839	21.89	ng/ul	-0.02
29) 4-Chloroaniline-d4	11.08	131	288642	23.03	ng/ul	-0.02
43) Dimethylphthalate-d6	14.18	166	899872	22.95	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	1021569	23.15	ng/ul	0.00
51) 4-Nitrophenol-d4	15.00	143	139666	20.86	ng/ul	0.00
57) Fluorene-d10	15.78	176	826348	22.81	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	162273	21.45	ng/ul	0.00
70) Anthracene-d10	17.64	188	1267108	23.85	ng/ul	0.00
76) Pyrene-d10	19.94	212	1419434	23.57	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.02	264	1267283	24.14	ng/ul	0.00
Target Compounds						Qvalue
10) 2-Chlorophenol	7.67	128	198772	21.83	ng/ul#	83
15) N-Nitroso-di-n-propylamine	8.92	70	240927	24.41	ng/ul#	90
33) 4-Chloro-3-methylphenol	12.23	107	327897	23.65	ng/ul	84
44) Dimethylphthalate	14.23	163	497258	12.81	ng/ul	99
49) Acenaphthene	14.85	153	720744	22.92	ng/ul	95
52) 4-Nitrophenol	15.01	109	143300	21.37	ng/ul#	75
54) 2,4-Dinitrotoluene	15.15	165	293055	22.97	ng/ul#	67
68) Pentachlorophenol	17.20	266	187890	23.64	ng/ul	98
69) Phenanthrene	17.59	178	101990	1.67	ng/ul#	92
74) Fluoranthene	19.61	202	200995	3.21	ng/ul#	89
77) Pyrene	19.97	202	1834864	24.95	ng/ul	95
80) Benzo(a)anthracene	21.84	228	77838	1.16	ng/ul	94
81) Bis(2-ethylhexyl)phthalate	21.73	149	38265	1.02	ng/ul	99
82) Chrysene	21.92	228	97486	1.60	ng/ul	96
88) Benzo(a)pyrene	25.09	252	83810	1.32	ng/ul#	90

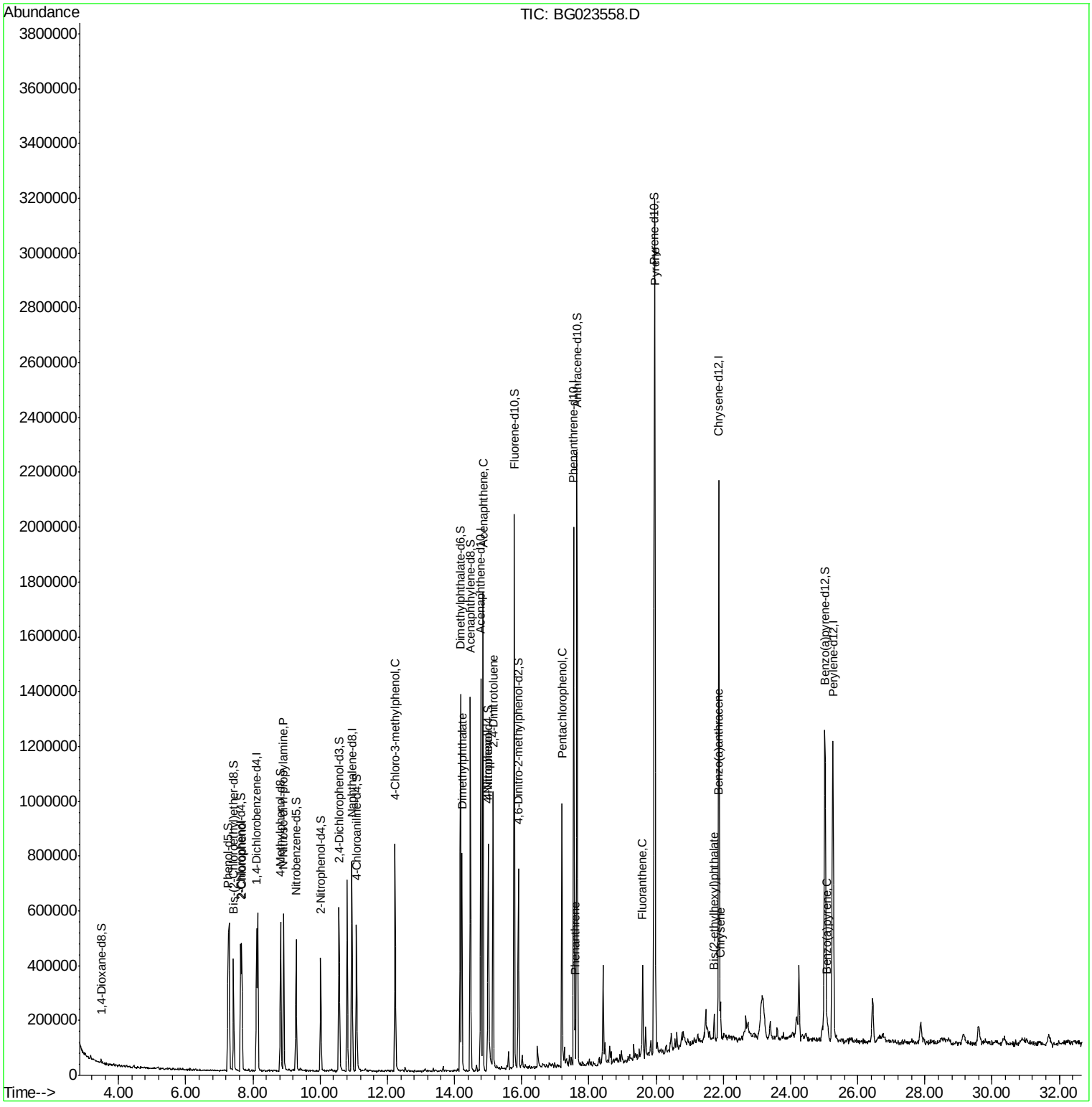
(#) = qualifier out of range (m) = manual integration (+) = signals summed

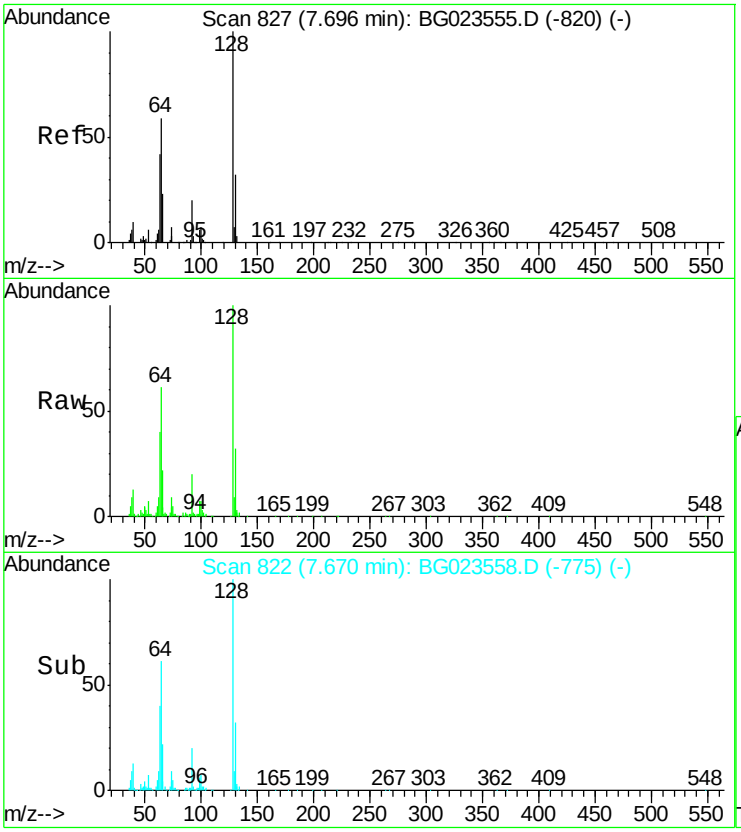
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080916\
Data File : BG023558.D
Acq On : 9 Aug 2016 16:09
Operator : UM/SJ
Sample : H4362-04MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS005-0002-01MS

Quant Time: Aug 10 05:02:22 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 10 05:01:49 2016
Response via : Initial Calibration



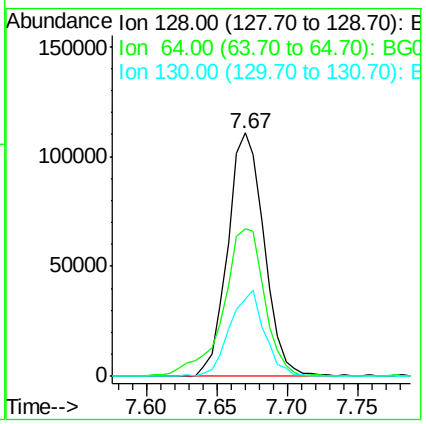


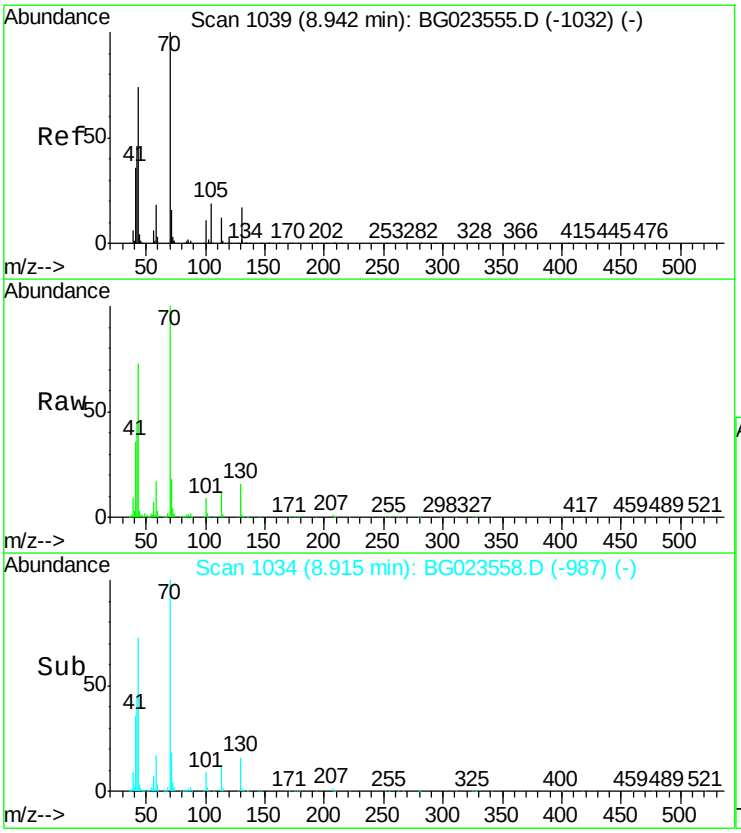
#10
2-Chlorophenol
Concen: 21.83 ng/ul
RT: 7.67 min Scan# 822
Delta R.T. -0.03 min
Lab File: BG023558.D
Acq: 9 Aug 2016 16:09

Instrument :
BNA_G
ClientSampleId :
PR001-SS005-0002-01MS

Tgt Ion:128 Resp: 198772

Ion	Ratio	Lower	Upper
128	100		
64	60.6	34.2	51.4#
130	31.8	27.0	40.4

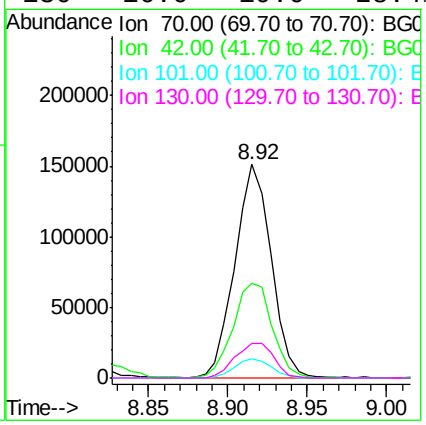


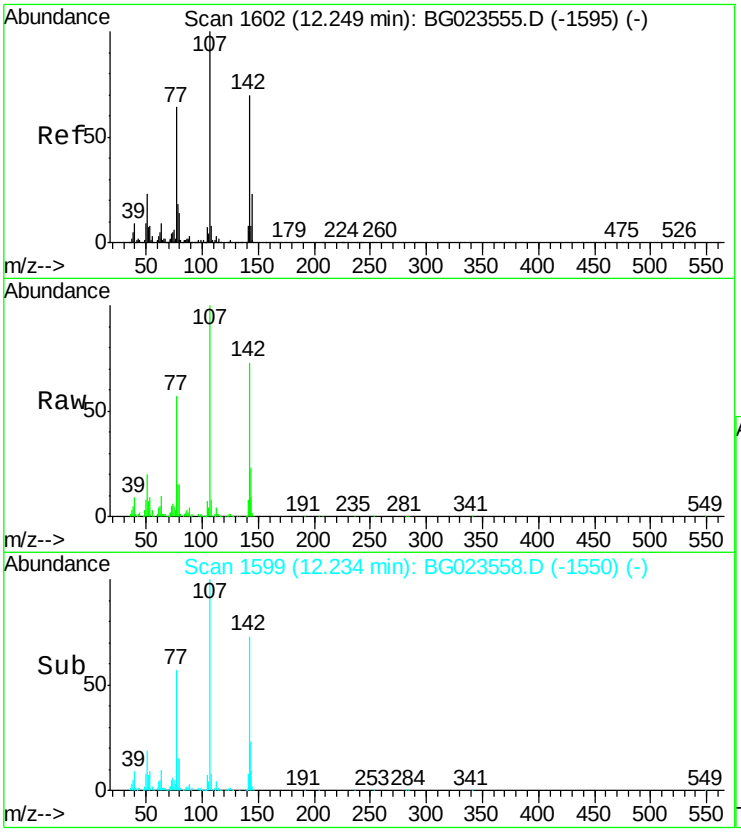


#15
N-Nitroso-di-n-propylamine
Concen: 24.41 ng/ul
RT: 8.92 min Scan# 1034
Delta R.T. -0.03 min
Lab File: BG023558.D
Acq: 9 Aug 2016 16:09

Tgt Ion: 70 Resp: 240927

Ion	Ratio	Lower	Upper
70	100		
42	44.1	31.4	47.2
101	8.8	8.6	13.0
130	16.0	19.0	28.4#



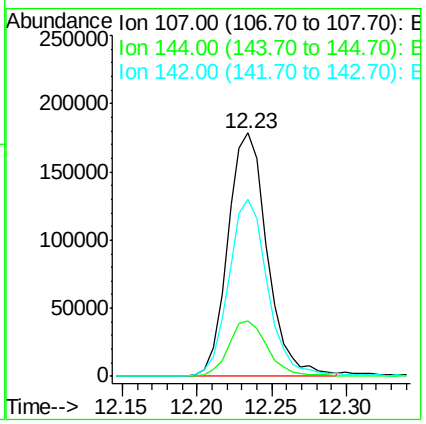


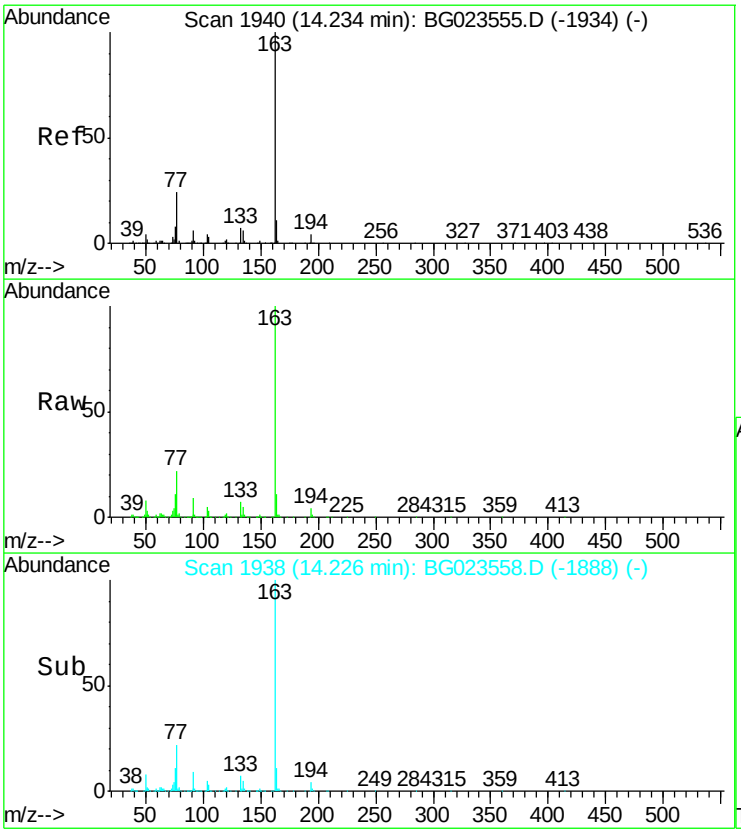
#33
4-Chloro-3-methylphenol
Concen: 23.65 ng/ul
RT: 12.23 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BG023558.D
Acq: 9 Aug 2016 16:09

Instrument :
BNA_G
ClientSampleId :
PR001-SS005-0002-01MS

Tgt Ion:107 Resp: 327897

Ion	Ratio	Lower	Upper
107	100		
144	23.0	22.7	34.1
142	72.6	71.6	107.4

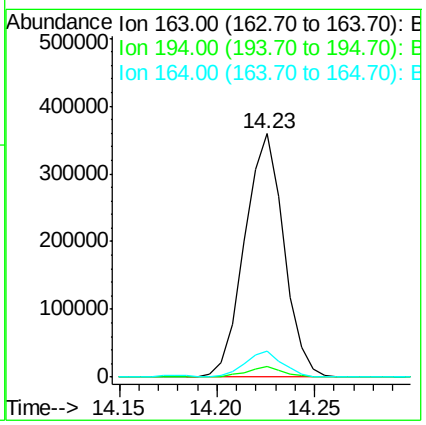


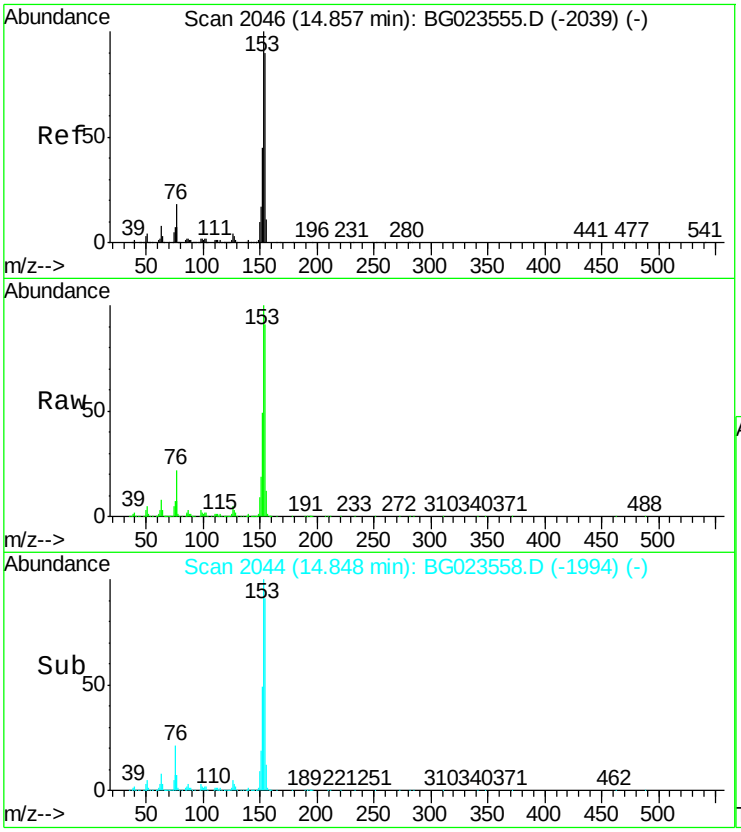


#44
Dimethylphthalate
Concen: 12.81 ng/ul
RT: 14.23 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG023558.D
Acq: 9 Aug 2016 16:09

Tgt Ion:163 Resp: 497258

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	10.6	8.8	13.2



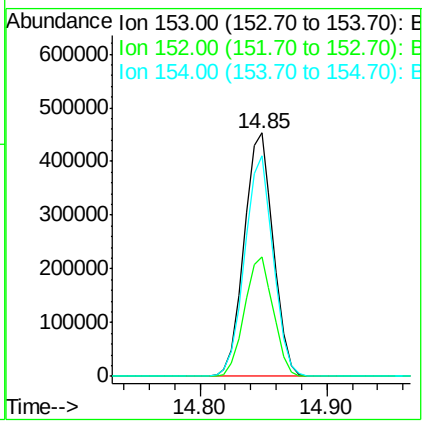


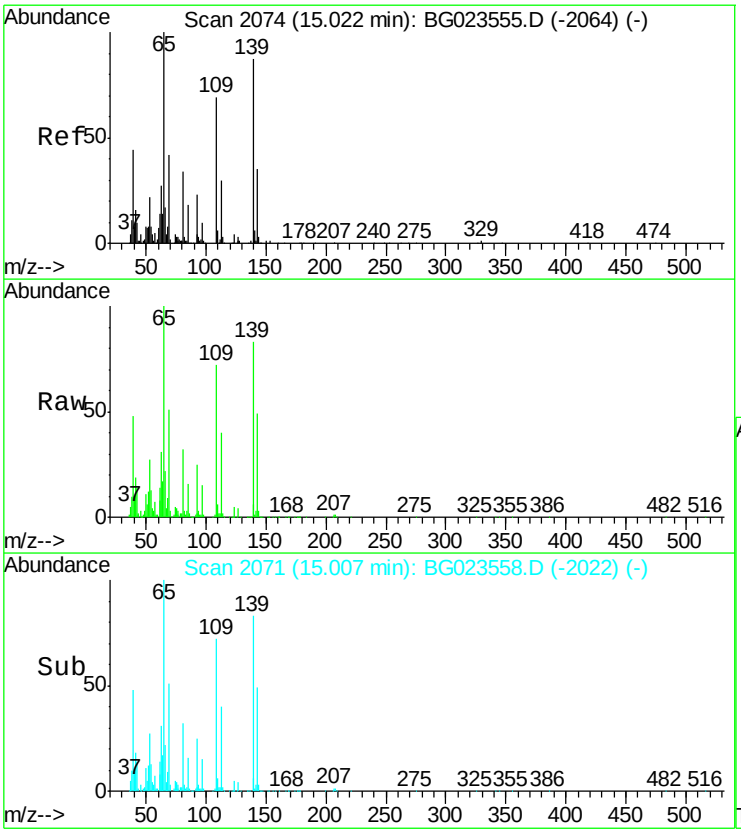
#49
Acenaphthene
Concen: 22.92 ng/ul
RT: 14.85 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BG023558.D
Acq: 9 Aug 2016 16:09

Instrument :
BNA_G
ClientSampleId :
PR001-SS005-0002-01MS

Tgt Ion:153 Resp: 720744

Ion	Ratio	Lower	Upper
153	100		
152	49.1	37.3	55.9
154	90.6	68.2	102.2

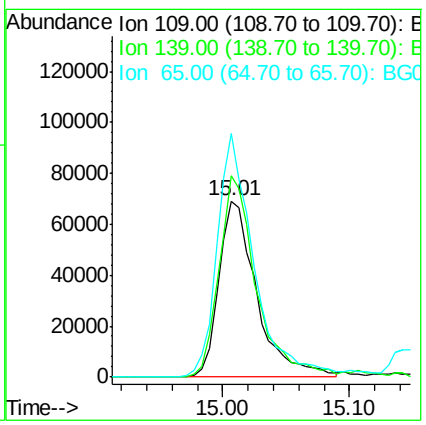


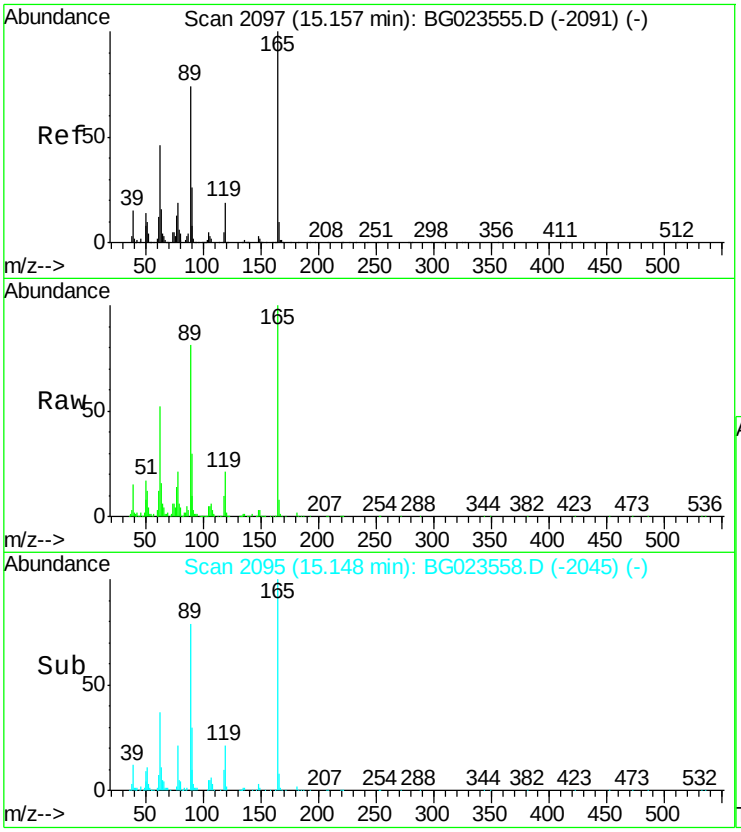


#52
4-Nitrophenol
Concen: 21.37 ng/ul
RT: 15.01 min Scan# 2071
Delta R.T. -0.01 min
Lab File: BG023558.D
Acq: 9 Aug 2016 16:09

Tgt Ion:109 Resp: 143300

Ion	Ratio	Lower	Upper
109	100		
139	114.5	136.1	204.1#
65	138.3	106.0	159.0



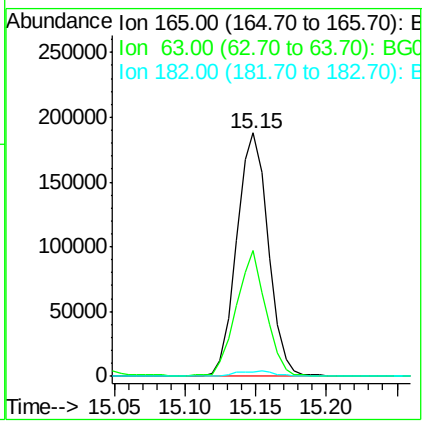


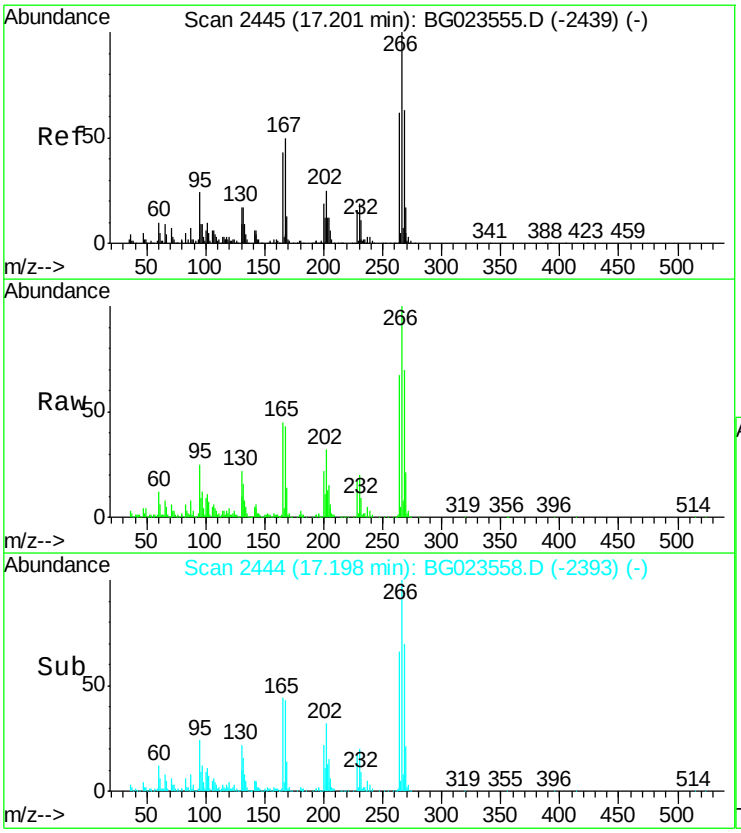
#54
2,4-Dinitrotoluene
Concen: 22.97 ng/ul
RT: 15.15 min Scan# 2095
Delta R.T. -0.01 min
Lab File: BG023558.D
Acq: 9 Aug 2016 16:09

Instrument :
BNA_G
ClientSampleId :
PR001-SS005-0002-01MS

Tgt Ion:165 Resp: 293055

Ion	Ratio	Lower	Upper
165	100		
63	51.9	25.7	38.5#
182	2.0	2.1	3.1#

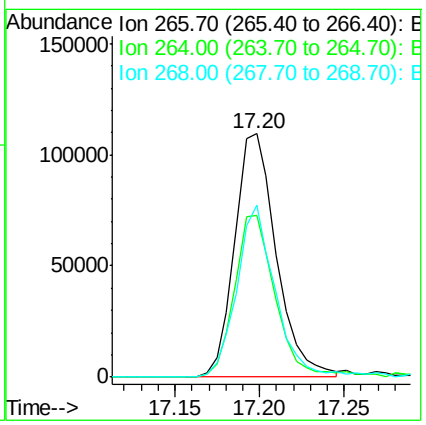


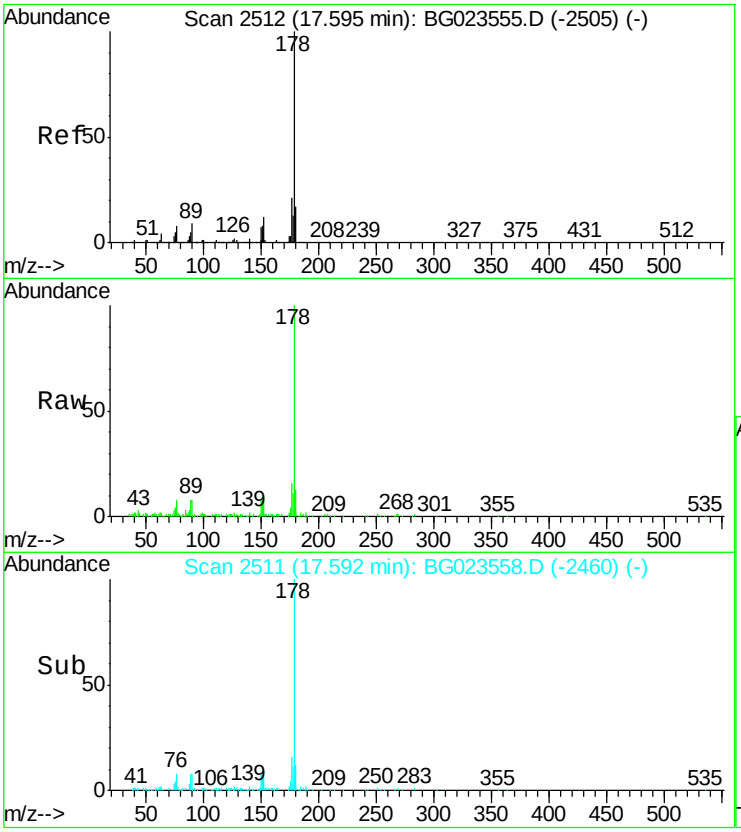


#68
Pentachlorophenol
Concen: 23.64 ng/ul
RT: 17.20 min Scan# 2444
Delta R.T. -0.00 min
Lab File: BG023558.D
Acq: 9 Aug 2016 16:09

Tgt Ion:266 Resp: 187890

Ion	Ratio	Lower	Upper
266	100		
264	66.7	54.7	82.1
268	70.4	57.8	86.8



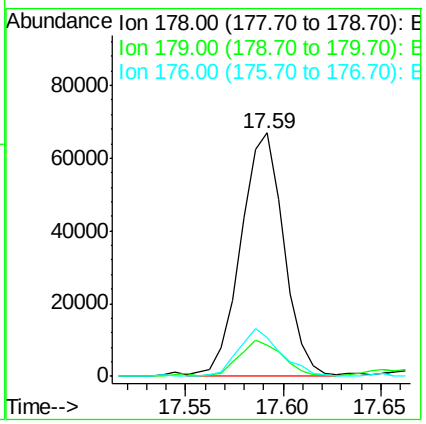


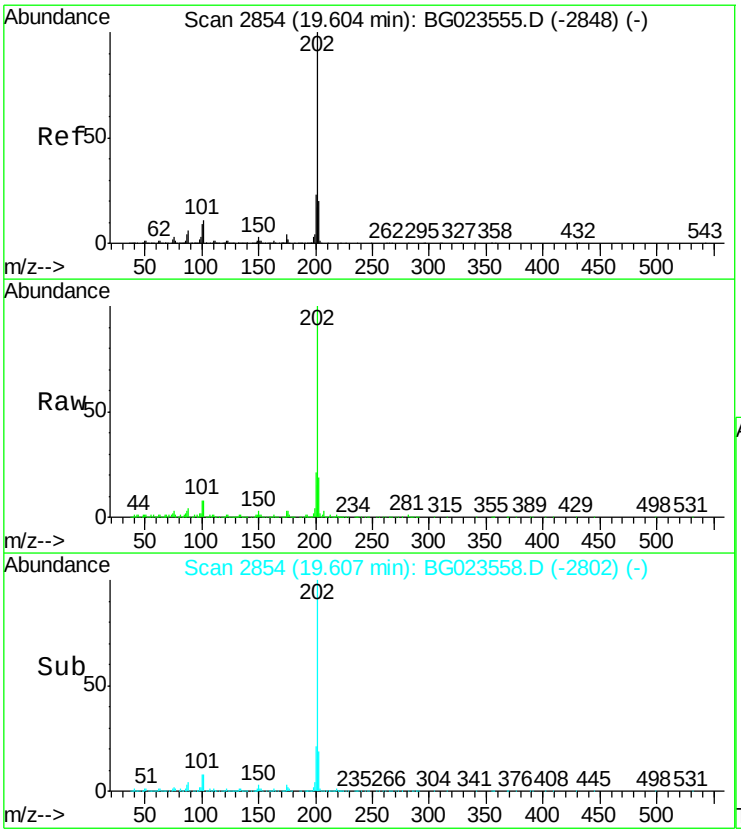
#69
Phenanthrene
Concen: 1.67 ng/ul
RT: 17.59 min Scan# 2511
Delta R.T. -0.00 min
Lab File: BG023558.D
Acq: 9 Aug 2016 16:09

Instrument :
BNA_G
ClientSampleId :
PR001-SS005-0002-01MS

Tgt Ion:178 Resp: 101990

Ion	Ratio	Lower	Upper
178	100		
179	12.6	12.9	19.3#
176	16.2	15.8	23.8

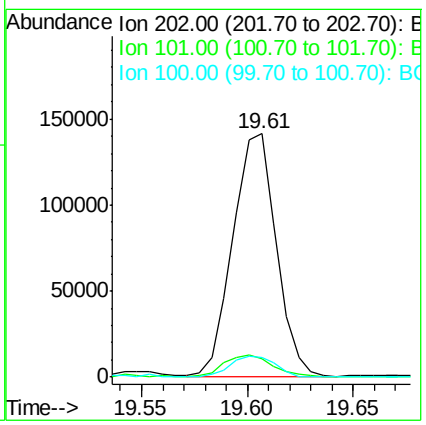


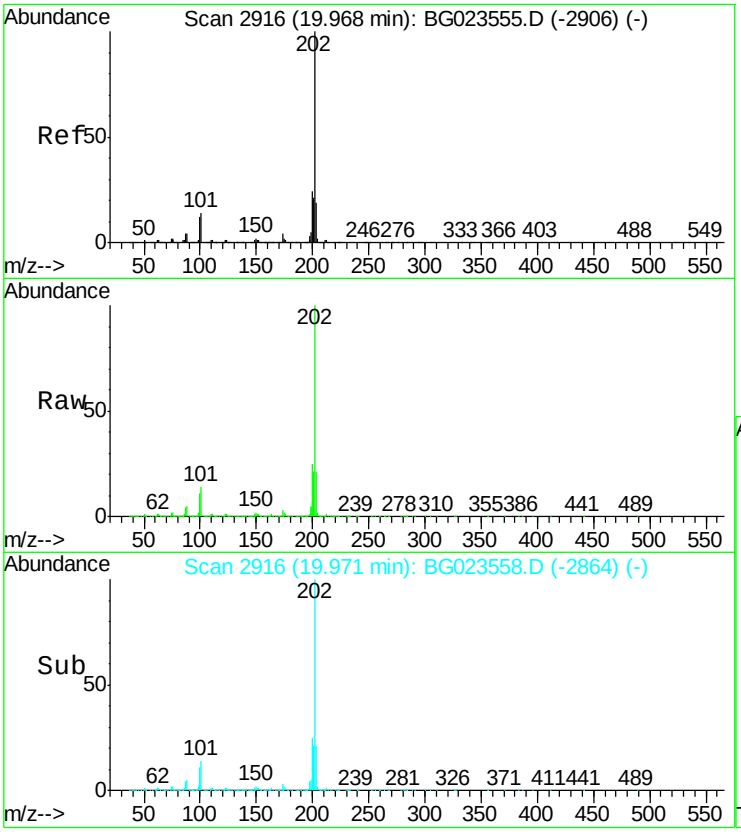


#74
Fluoranthene
Concen: 3.21 ng/ul
RT: 19.61 min Scan# 2854
Delta R.T. 0.00 min
Lab File: BG023558.D
Acq: 9 Aug 2016 16:09

Tgt Ion:202 Resp: 200995

Ion	Ratio	Lower	Upper
202	100		
101	7.6	10.6	16.0#
100	8.2	8.7	13.1#



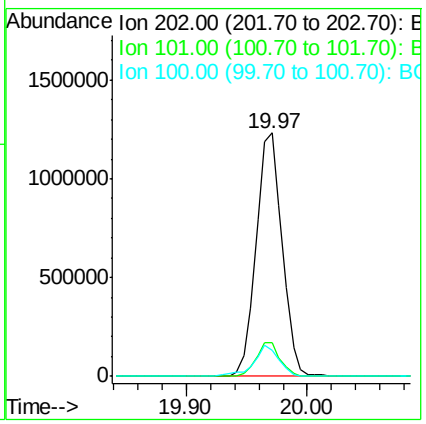


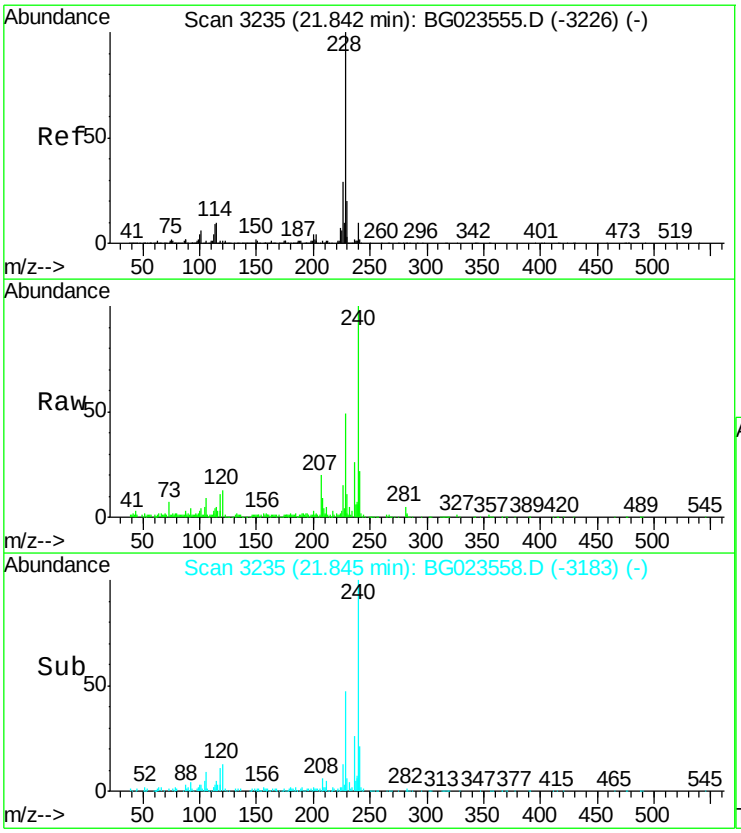
#77
Pyrene
Concen: 24.95 ng/ul
RT: 19.97 min Scan# 2916
Delta R.T. 0.00 min
Lab File: BG023558.D
Acq: 9 Aug 2016 16:09

Instrument :
BNA_G
ClientSampleId :
PR001-SS005-0002-01MS

Tgt Ion:202 Resp: 1834864

Ion	Ratio	Lower	Upper
202	100		
101	13.8	12.5	18.7
100	10.8	10.2	15.4

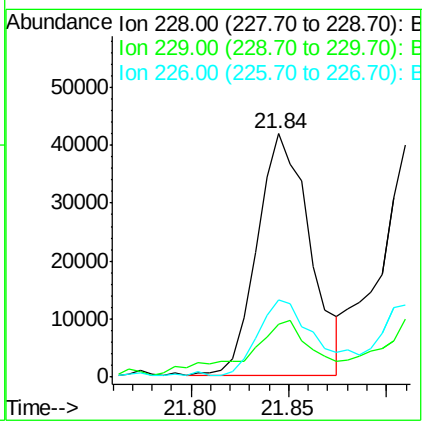


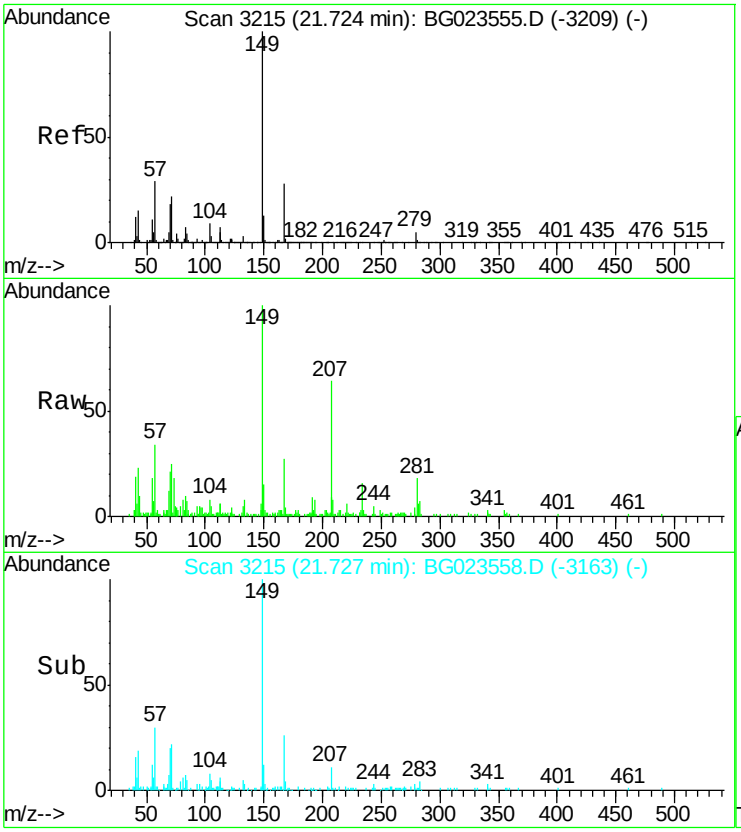


#80
Benzo(a)anthracene
Concen: 1.16 ng/ul
RT: 21.84 min Scan# 3235
Delta R.T. 0.00 min
Lab File: BG023558.D
Acq: 9 Aug 2016 16:09

Tgt Ion:228 Resp: 77838

Ion	Ratio	Lower	Upper
228	100		
229	21.7	15.4	23.2
226	31.6	22.8	34.2



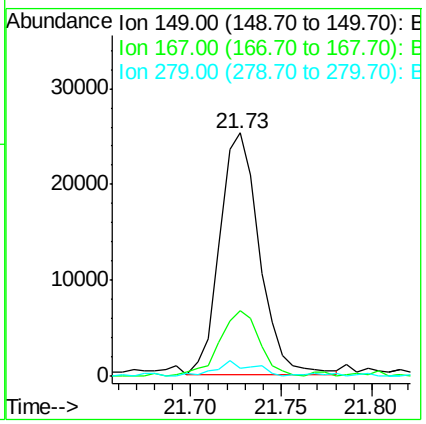


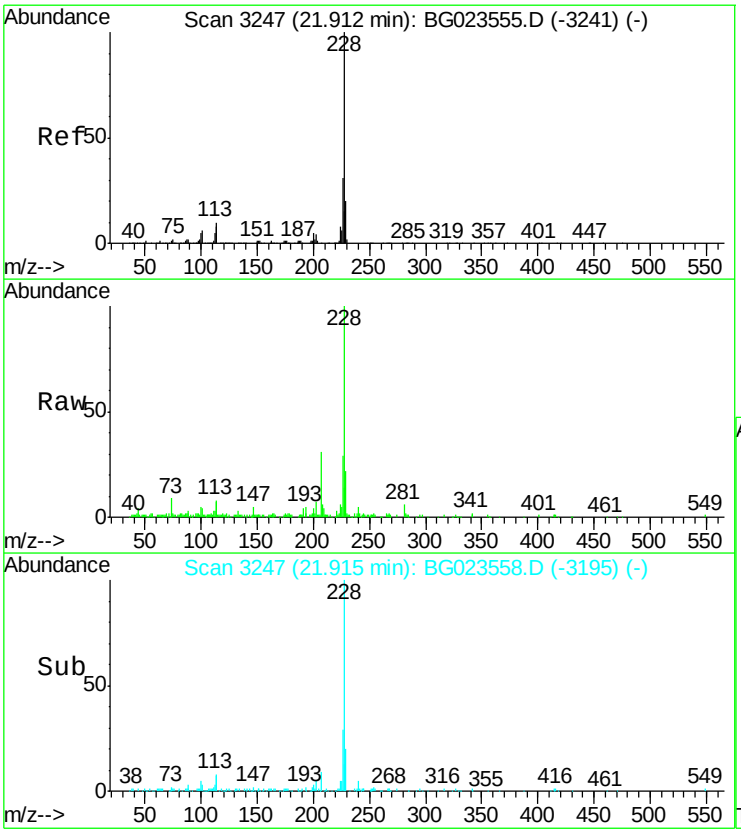
#81
Bis(2-ethylhexyl)phthalate
Concen: 1.02 ng/ul
RT: 21.73 min Scan# 3215
Delta R.T. 0.00 min
Lab File: BG023558.D
Acq: 9 Aug 2016 16:09

Instrument :
BNA_G
ClientSampleId :
PR001-SS005-0002-01MS

Tgt Ion:149 Resp: 38265

Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.9	32.9
279	3.6	2.9	4.3

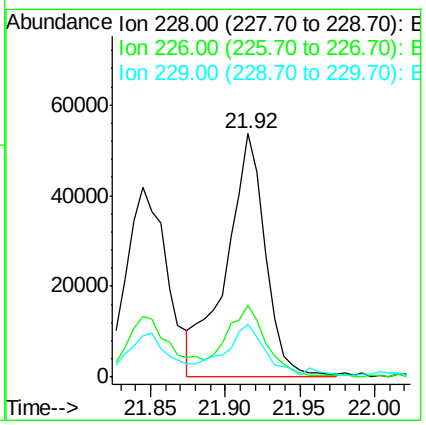


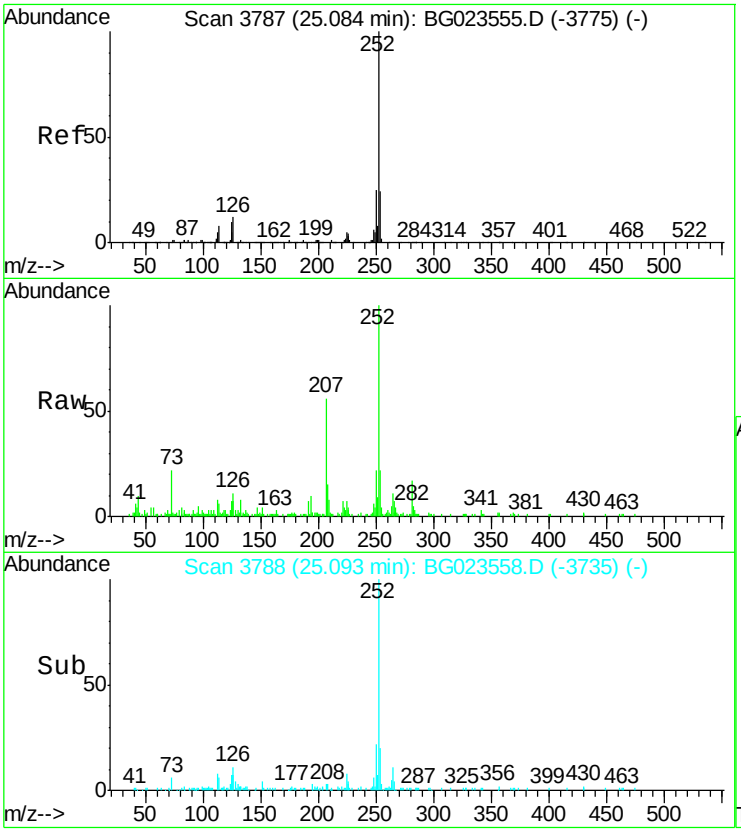


#82
Chrysene
Concen: 1.60 ng/ul
RT: 21.92 min Scan# 3247
Delta R.T. 0.00 min
Lab File: BG023558.D
Acq: 9 Aug 2016 16:09

Tgt Ion:228 Resp: 97486

Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.2	36.4
229	21.8	15.0	22.6





#88
Benzo(a)pyrene
Concen: 1.32 ng/ul
RT: 25.09 min Scan# 3788
Delta R.T. 0.01 min
Lab File: BG023558.D
Acq: 9 Aug 2016 16:09

Instrument :
BNA_G
ClientSampleId :
PR001-SS005-0002-01MS

Tgt Ion:252 Resp: 83810

Ion	Ratio	Lower	Upper
252	100		
253	22.0	19.0	28.4
125	6.7	12.0	18.0#