Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121316\
Data File : BG025164.D
Acq On : 14 Dec 2016 3:22
Operator : UM/SJ
Sample : H5990-14MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P006-SS005-0106-03MSD

Quant Time: Dec 14 04:05:06 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 14 03:19:35 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	87012	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	389500	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	309973	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	572916	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	651490	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	705015	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.60	96	7273	4.32	ng/uL	0.02
5) Phenol-d5	7.39	99	207011	27.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	134544	28.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	147034	28.01	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	182263	29.05	ng/ul	0.01
19) Nitrobenzene-d5	9.42	128	78264	28.38	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	100895	29.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	190272	28.77	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	127311	19.59	ng/ul	0.01
43) Dimethylphthalate-d6	14.25	166	656130	30.77	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	730968	31.30	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	93128	25.41	ng/ul	0.00
57) Fluorene-d10	15.85	176	565113	28.16	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.98	200	95547	26.97	ng/ul	0.00
70) Anthracene-d10	17.70	188	796178	32.93	ng/ul	0.00
76) Pyrene-d10	19.98	212	874265	32.58	ng/ul	0.01
87) Benzo(a)pyrene-d12	25.09	264	901890	31.57	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	7.42	94	240867	31.26	ng/ul	95
10) 2-Chlorophenol	7.80	128	137737	26.10	ng/ul	94
15) N-Nitroso-di-n-propylamine	9.04	70	160409	29.09	ng/ul#	91
33) 4-Chloro-3-methylphenol	12.33	107	218994	27.67	ng/ul	95
44) Dimethylphthalate	14.30	163	133173	6.36	ng/ul	98
49) Acenaphthene	14.93	153	472325	30.37	ng/ul	97
52) 4-Nitrophenol	15.08	109	117888	26.75	ng/ul	95
54) 2,4-Dinitrotoluene	15.23	165	183233	27.00	ng/ul	93
68) Pentachlorophenol	17.26	266	134040	30.64	ng/ul	93
69) Phenanthrene	17.65	178	37858	1.38	ng/ul	95
74) Fluoranthene	19.64	202	99590	3.07	ng/ul#	96
77) Pyrene	20.01	202	1054364	33.67	ng/ul	98
80) Benzo(a)anthracene	21.88	228	46019	1.36	ng/ul#	90
81) Bis(2-ethylhexyl)phthalate	21.73	149	20943	1.24	ng/ul#	94
82) Chrysene	21.94	228	57154	1.81	ng/ul#	83
85) Benzo(b)fluoranthene	24.23	252	84208	2.41	ng/ul#	80
88) Benzo(a)pyrene	25.16	252	42827	1.27	ng/ul#	79

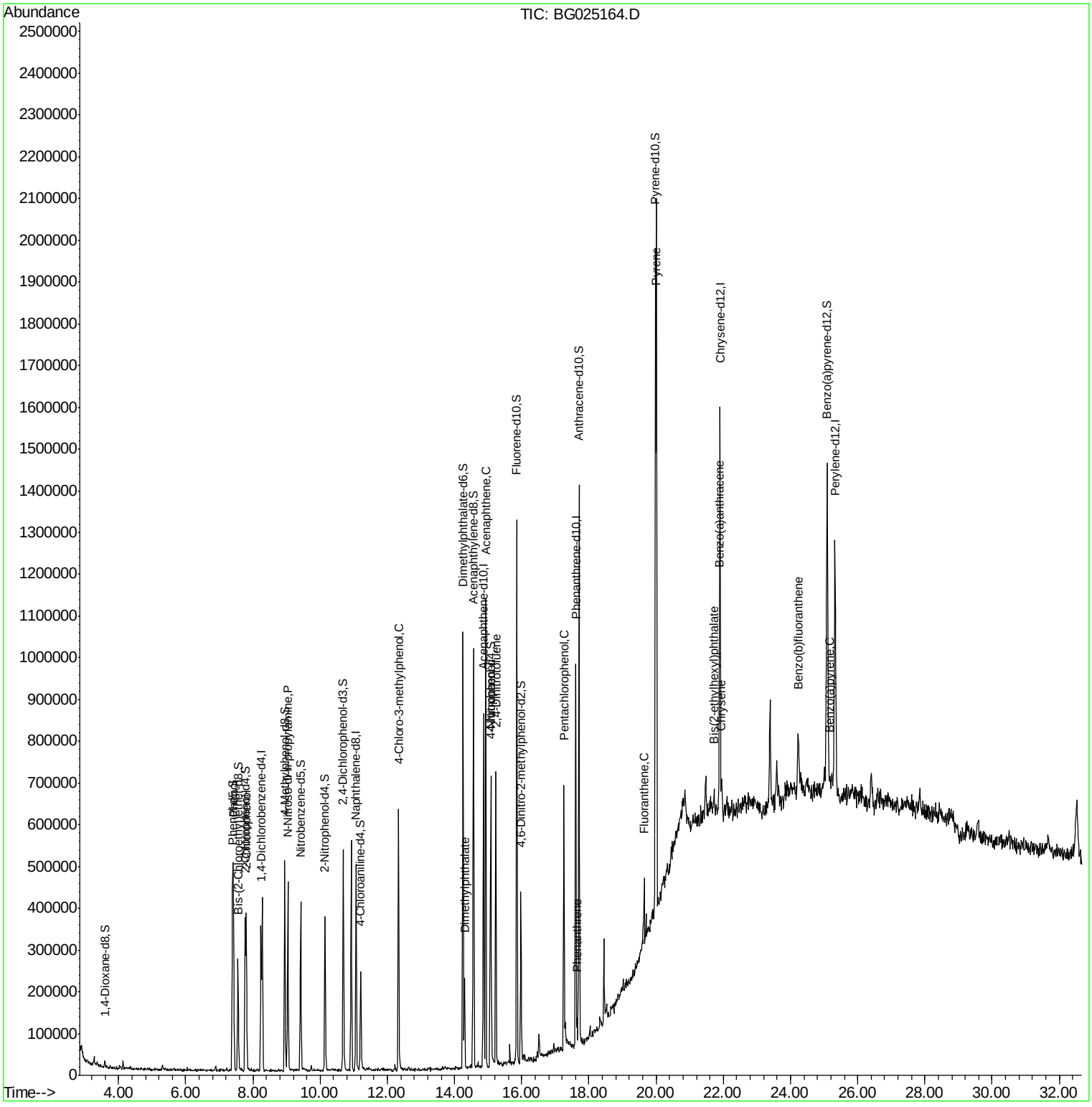
(#) = qualifier out of range (m) = manual integration (+) = signals summed

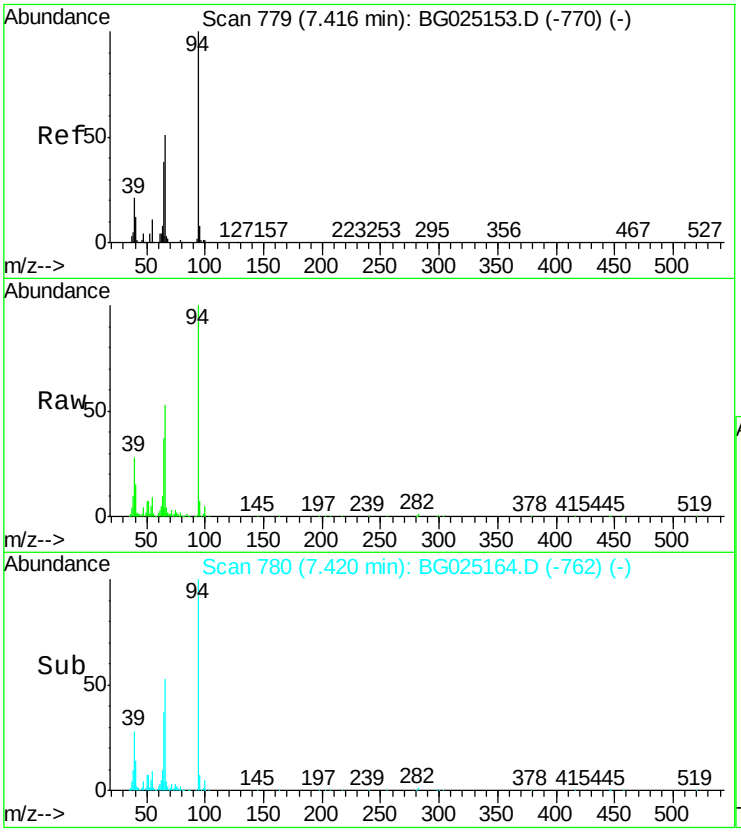
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121316\
Data File : BG025164.D
Acq On : 14 Dec 2016 3:22
Operator : UM/SJ
Sample : H5990-14MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P006-SS005-0106-03MSD

Quant Time: Dec 14 04:05:06 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 14 03:19:35 2016
Response via : Initial Calibration



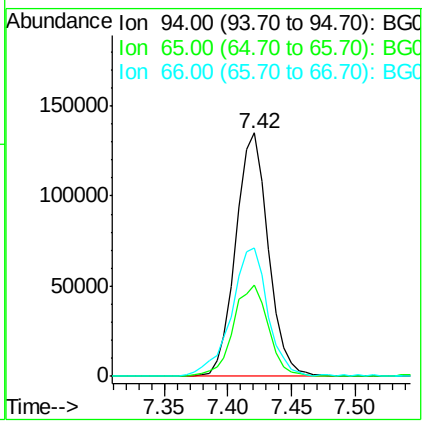


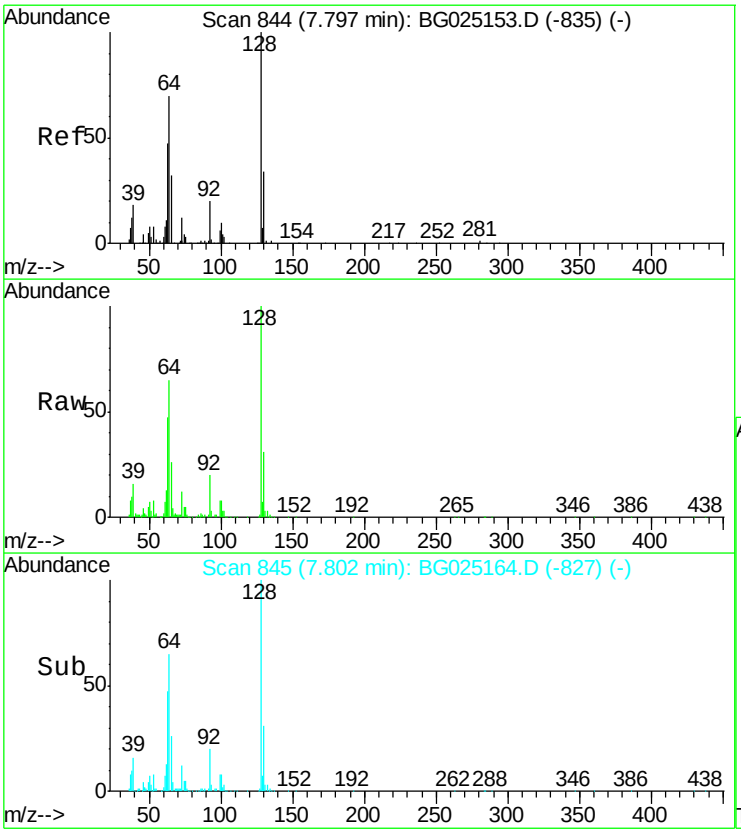
#6
Phenol
Concen: 31.26 ng/ul
RT: 7.42 min Scan# 780
Delta R.T. 0.00 min
Lab File: BG025164.D
Acq: 14 Dec 2016 3:22

Instrument :
BNA_G
ClientSampleId :
P006-SS005-0106-03MSD

Tgt Ion: 94 Resp: 240867

Ion	Ratio	Lower	Upper
94	100		
65	37.3	26.8	40.2
66	52.7	44.4	66.6

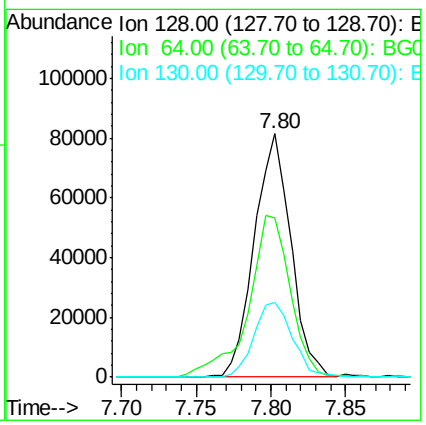


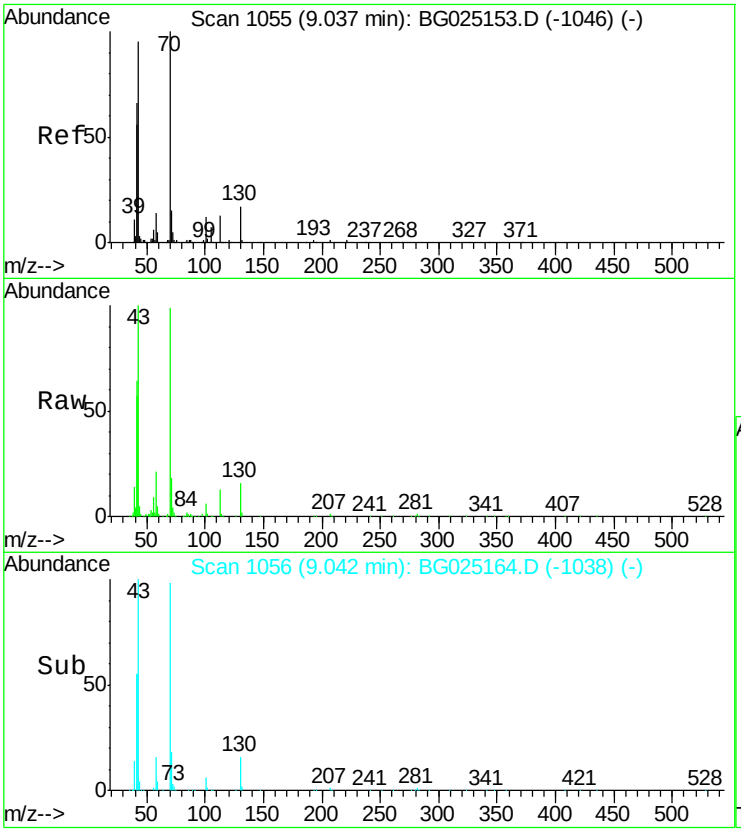


#10
2-Chlorophenol
Concen: 26.10 ng/ul
RT: 7.80 min Scan# 845
Delta R.T. 0.00 min
Lab File: BG025164.D
Acq: 14 Dec 2016 3:22

Tgt Ion:128 Resp: 137737

Ion	Ratio	Lower	Upper
128	100		
64	65.5	56.3	84.5
130	30.7	26.7	40.1



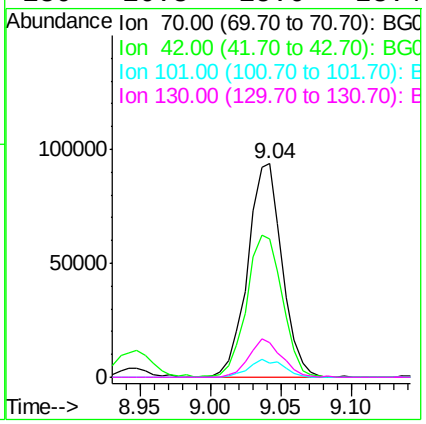


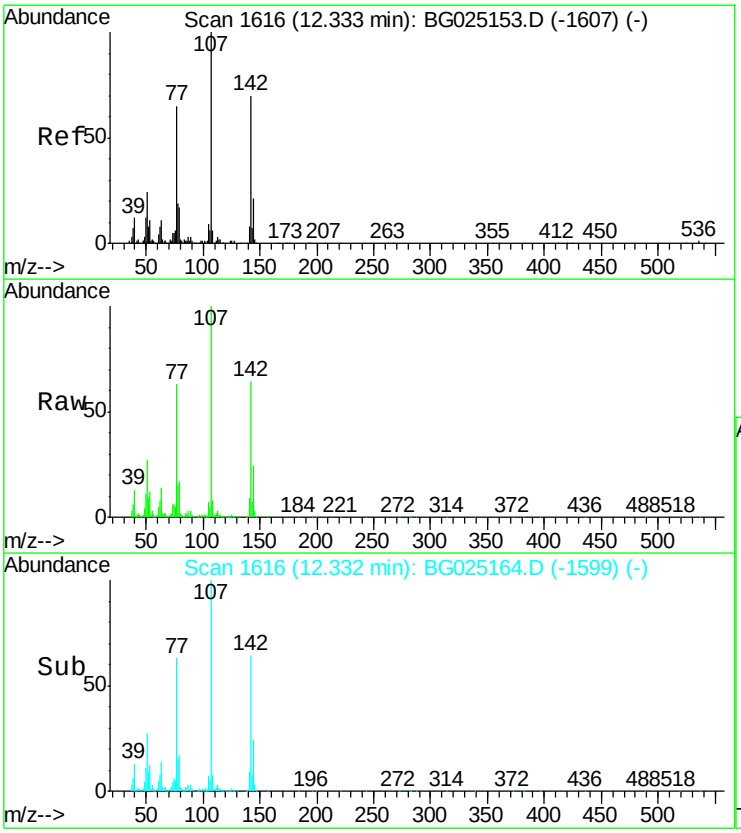
#15
N-Nitroso-di-n-propylamine
Concen: 29.09 ng/ul
RT: 9.04 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BG025164.D
Acq: 14 Dec 2016 3:22

Instrument :
BNA_G
ClientSampleId :
P006-SS005-0106-03MSD

Tgt Ion: 70 Resp: 160409

Ion	Ratio	Lower	Upper
70	100		
42	64.9	59.0	88.6
101	6.4	6.6	9.8#
130	16.3	15.6	23.4

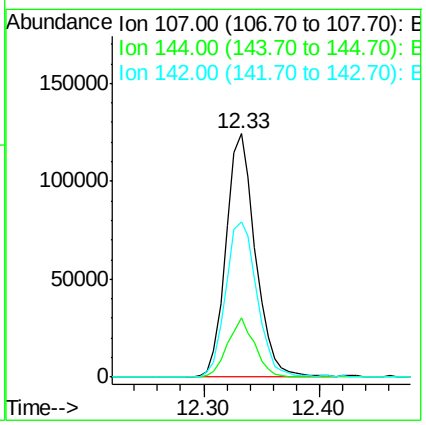


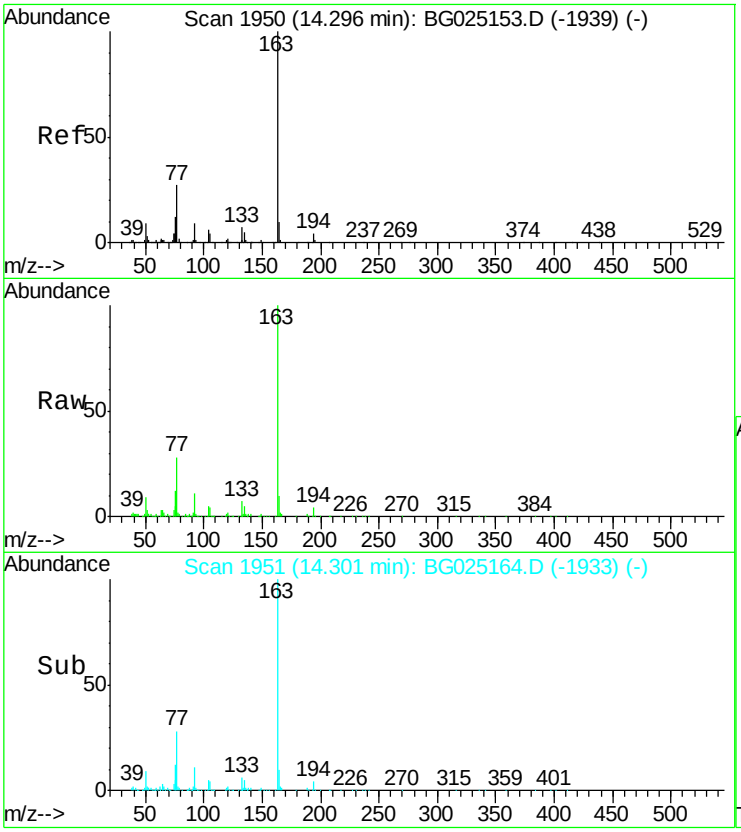


#33
4-Chloro-3-methylphenol
Concen: 27.67 ng/ul
RT: 12.33 min Scan# 1616
Delta R.T. -0.00 min
Lab File: BG025164.D
Acq: 14 Dec 2016 3:22

Tgt Ion:107 Resp: 218994

Ion	Ratio	Lower	Upper
107	100		
144	24.4	18.2	27.4
142	63.8	55.0	82.4



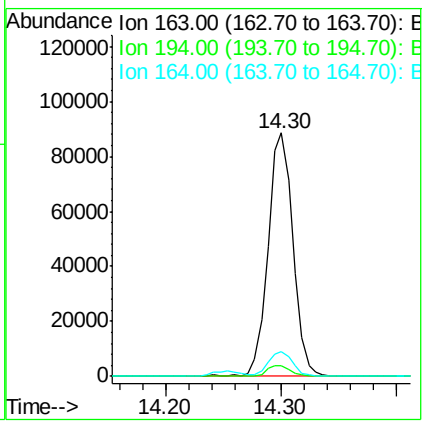


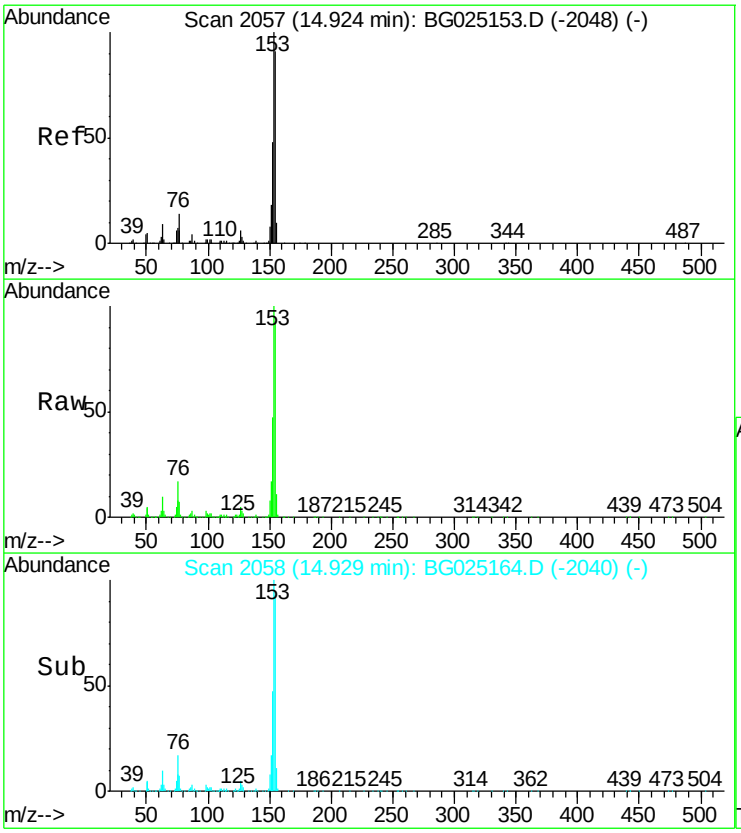
#44
Dimethylphthalate
Concen: 6.36 ng/ul
RT: 14.30 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BG025164.D
Acq: 14 Dec 2016 3:22

Instrument :
BNA_G
ClientSampleId :
P006-SS005-0106-03MSD

Tgt Ion:163 Resp: 133173

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.3	9.0	13.4

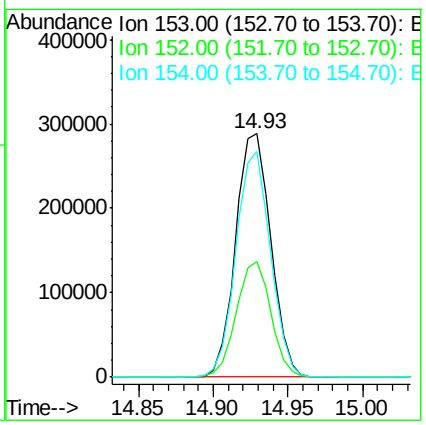


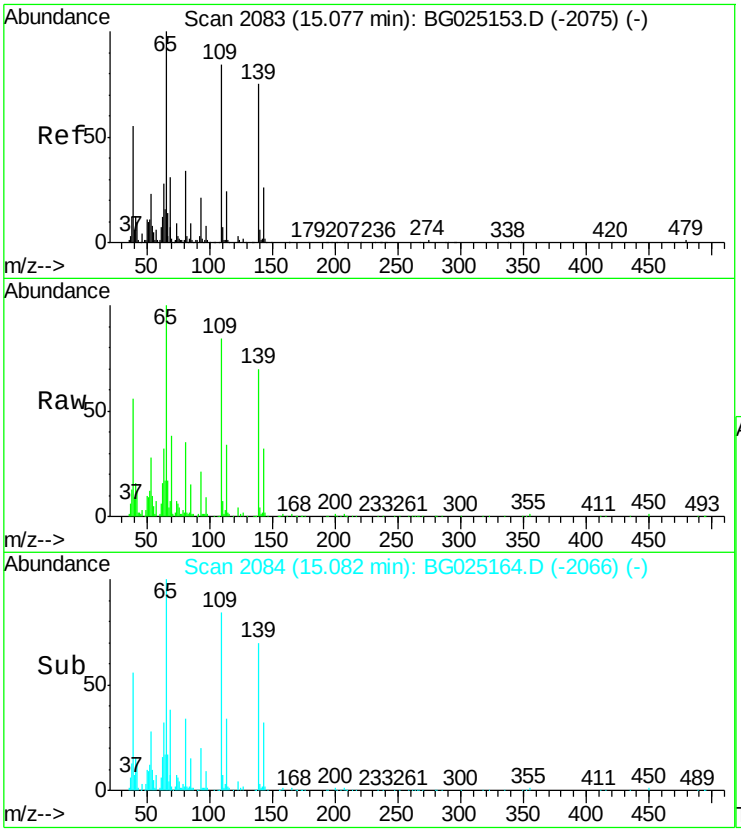


#49
Acenaphthene
Concen: 30.37 ng/ul
RT: 14.93 min Scan# 2058
Delta R.T. 0.00 min
Lab File: BG025164.D
Acq: 14 Dec 2016 3:22

Tgt Ion:153 Resp: 472325

Ion	Ratio	Lower	Upper
153	100		
152	47.2	36.5	54.7
154	92.8	72.3	108.5



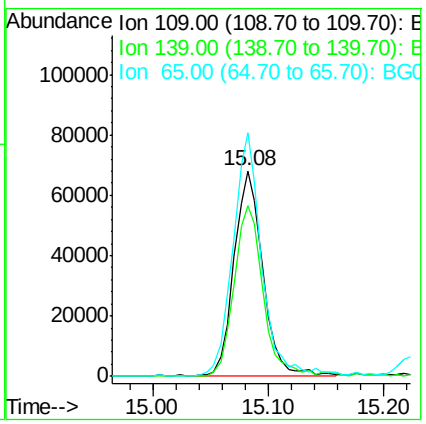


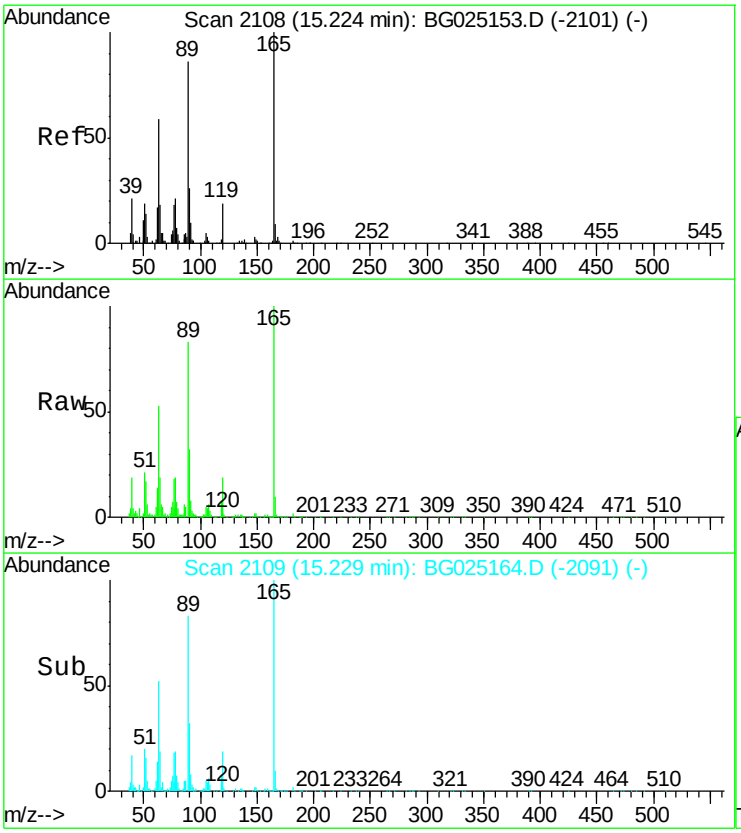
#52
4-Nitrophenol
Concen: 26.75 ng/ul
RT: 15.08 min Scan# 2084
Delta R.T. 0.00 min
Lab File: BG025164.D
Acq: 14 Dec 2016 3:22

Instrument :
BNA_G
ClientSampleId :
P006-SS005-0106-03MSD

Tgt Ion:109 Resp: 117888

Ion	Ratio	Lower	Upper
109	100		
139	83.2	62.6	93.8
65	118.5	90.4	135.6

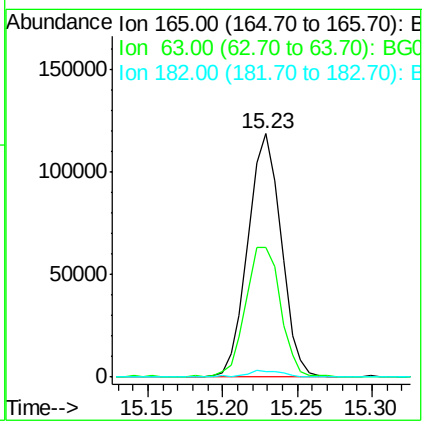


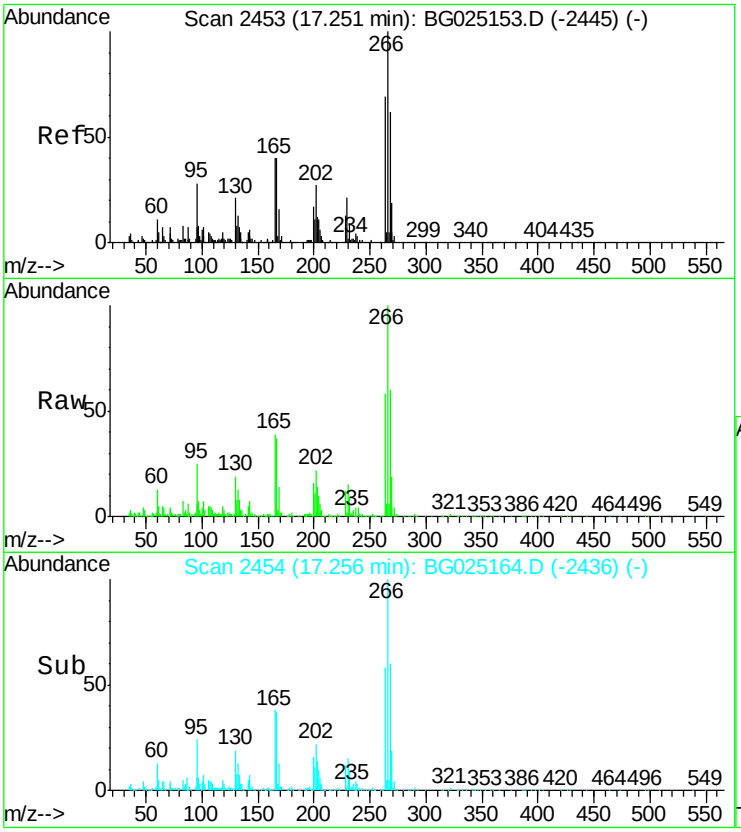


#54
2,4-Dinitrotoluene
Concen: 27.00 ng/ul
RT: 15.23 min Scan# 2109
Delta R.T. 0.00 min
Lab File: BG025164.D
Acq: 14 Dec 2016 3:22

Tgt Ion:165 Resp: 183233

Ion	Ratio	Lower	Upper
165	100		
63	53.2	46.8	70.2
182	2.4	1.8	2.6



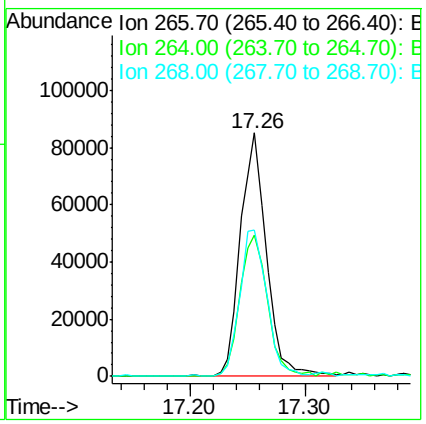


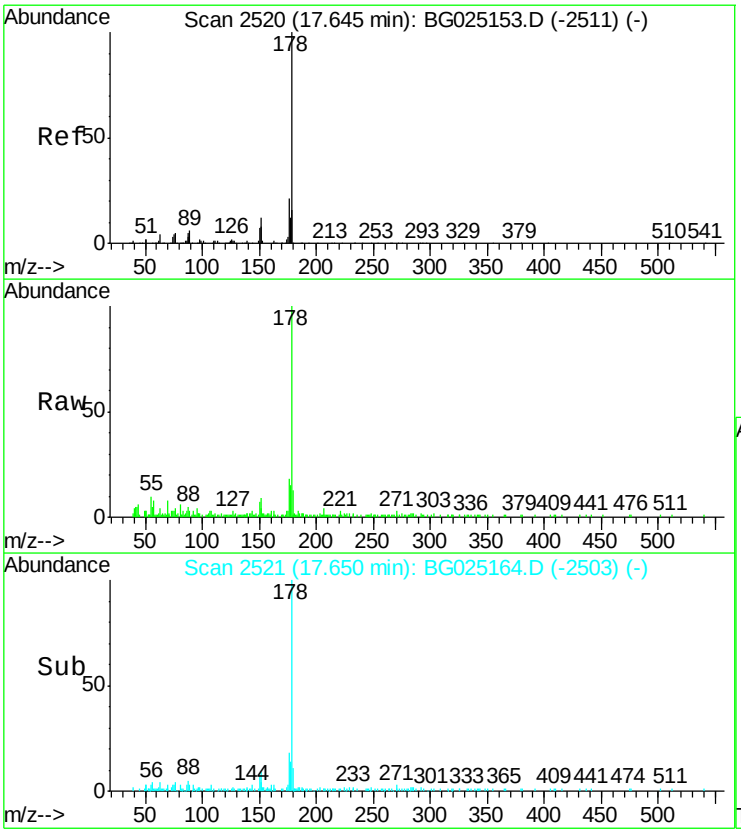
#68
Pentachlorophenol
Concen: 30.64 ng/ul
RT: 17.26 min Scan# 2454
Delta R.T. 0.00 min
Lab File: BG025164.D
Acq: 14 Dec 2016 3:22

Instrument :
BNA_G
ClientSampleId :
P006-SS005-0106-03MSD

Tgt Ion:266 Resp: 134040

Ion	Ratio	Lower	Upper
266	100		
264	58.2	47.1	70.7
268	60.0	56.2	84.4

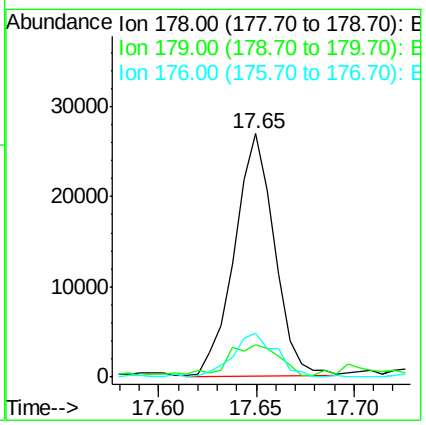


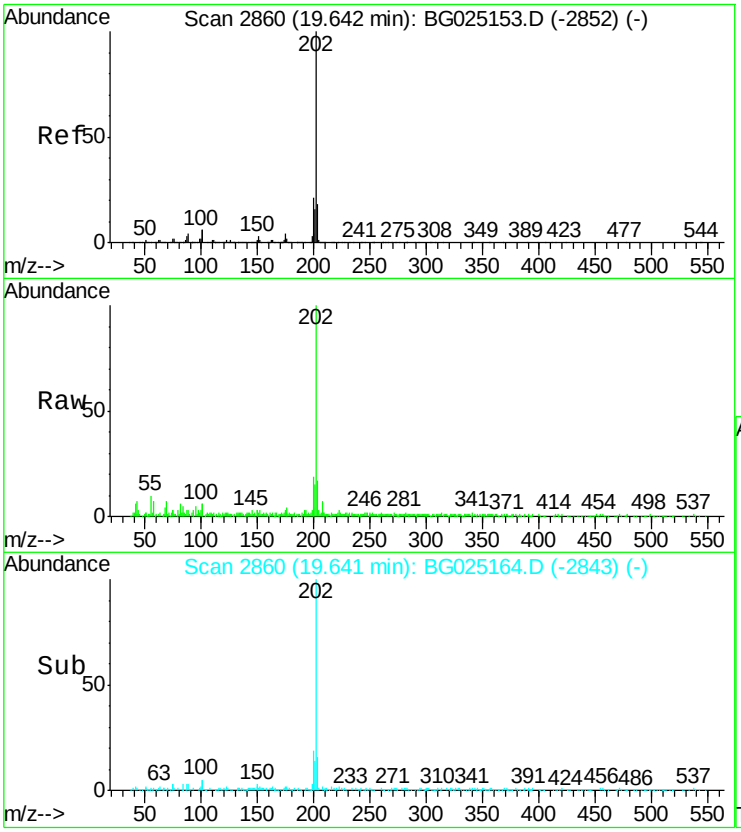


#69
Phenanthrene
Concen: 1.38 ng/ul
RT: 17.65 min Scan# 2521
Delta R.T. 0.00 min
Lab File: BG025164.D
Acq: 14 Dec 2016 3:22

Tgt Ion:178 Resp: 37858

Ion	Ratio	Lower	Upper
178	100		
179	13.2	12.4	18.6
176	18.3	16.5	24.7



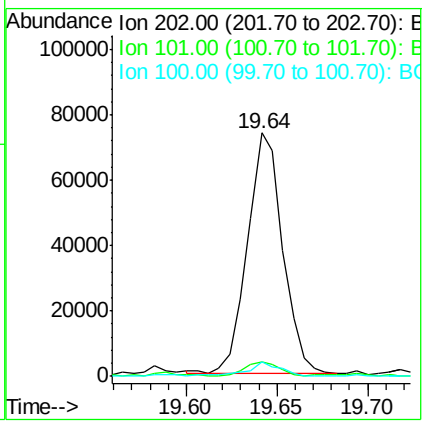


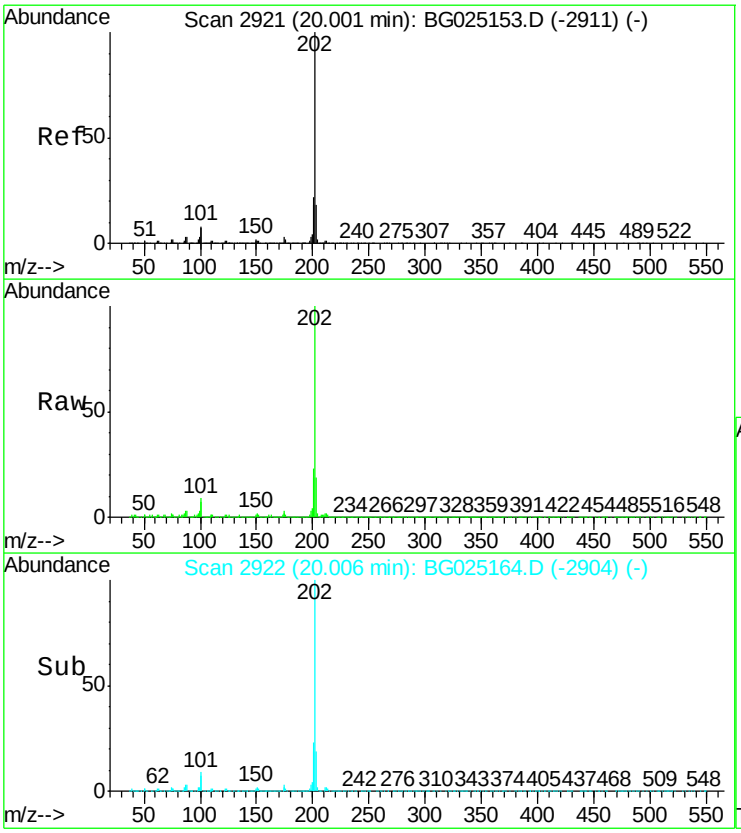
#74
Fluoranthene
Concen: 3.07 ng/ul
RT: 19.64 min Scan# 2860
Delta R.T. -0.00 min
Lab File: BG025164.D
Acq: 14 Dec 2016 3:22

Instrument :
BNA_G
ClientSampleId :
P006-SS005-0106-03MSD

Tgt Ion:202 Resp: 99590

Ion	Ratio	Lower	Upper
202	100		
101	5.8	6.2	9.2#
100	5.7	5.2	7.8

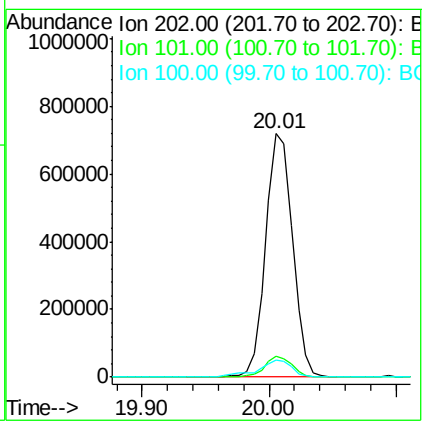


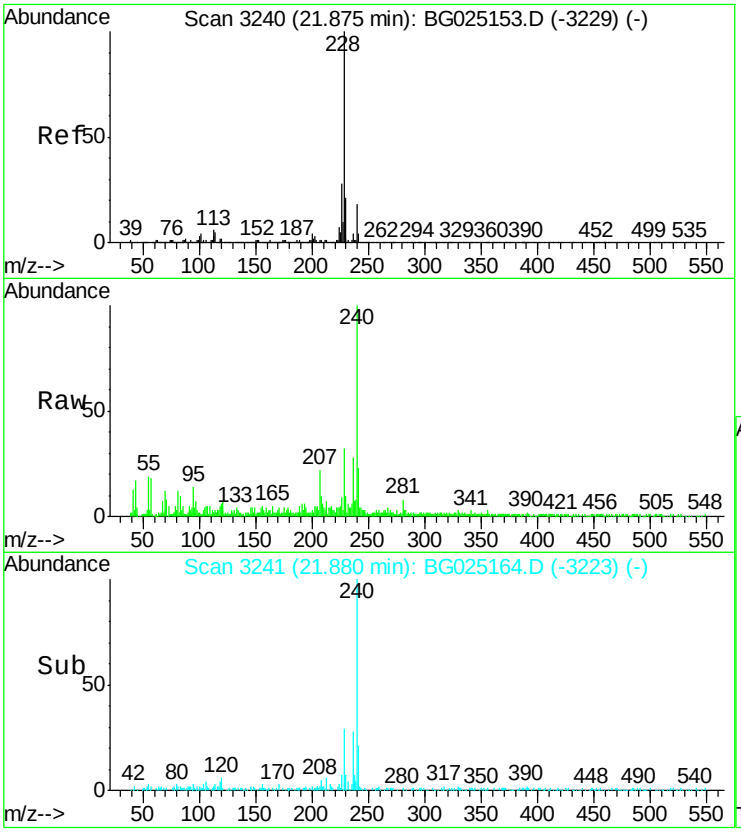


#77
Pyrene
Concen: 33.67 ng/ul
RT: 20.01 min Scan# 2922
Delta R.T. 0.00 min
Lab File: BG025164.D
Acq: 14 Dec 2016 3:22

Tgt Ion:202 Resp: 1054364

Ion	Ratio	Lower	Upper
202	100		
101	8.8	6.9	10.3
100	7.1	6.6	10.0



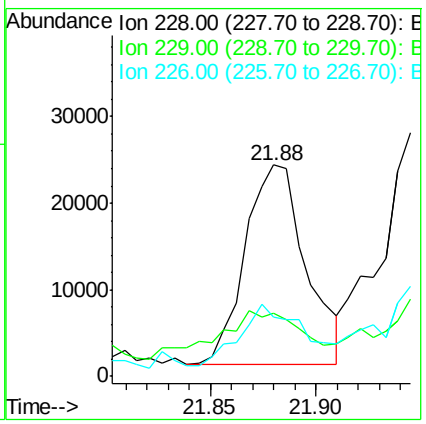


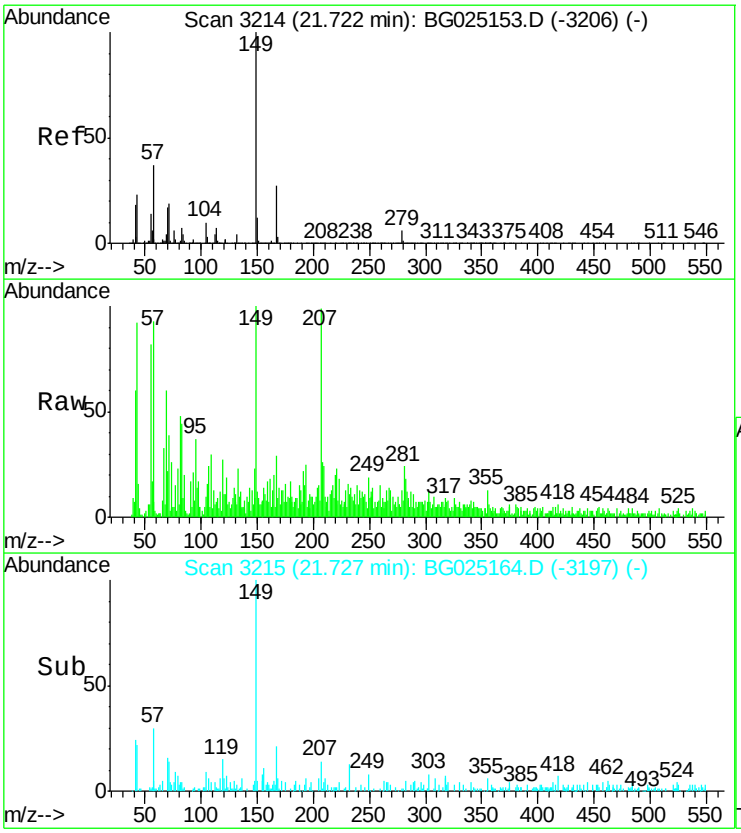
#80
Benzo(a)anthracene
Concen: 1.36 ng/ul
RT: 21.88 min Scan# 3241
Delta R.T. 0.00 min
Lab File: BG025164.D
Acq: 14 Dec 2016 3:22

Instrument :
BNA_G
ClientSampleId :
P006-SS005-0106-03MSD

Tgt Ion:228 Resp: 46019

Ion	Ratio	Lower	Upper
228	100		
229	30.2	16.3	24.5#
226	28.1	21.9	32.9

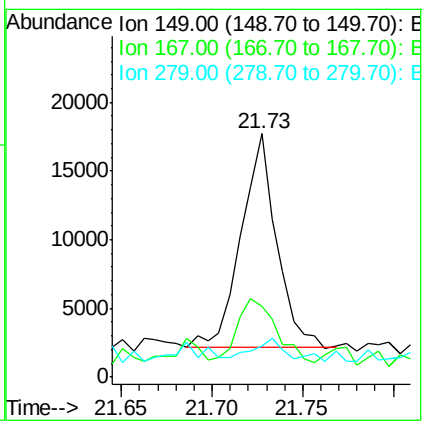


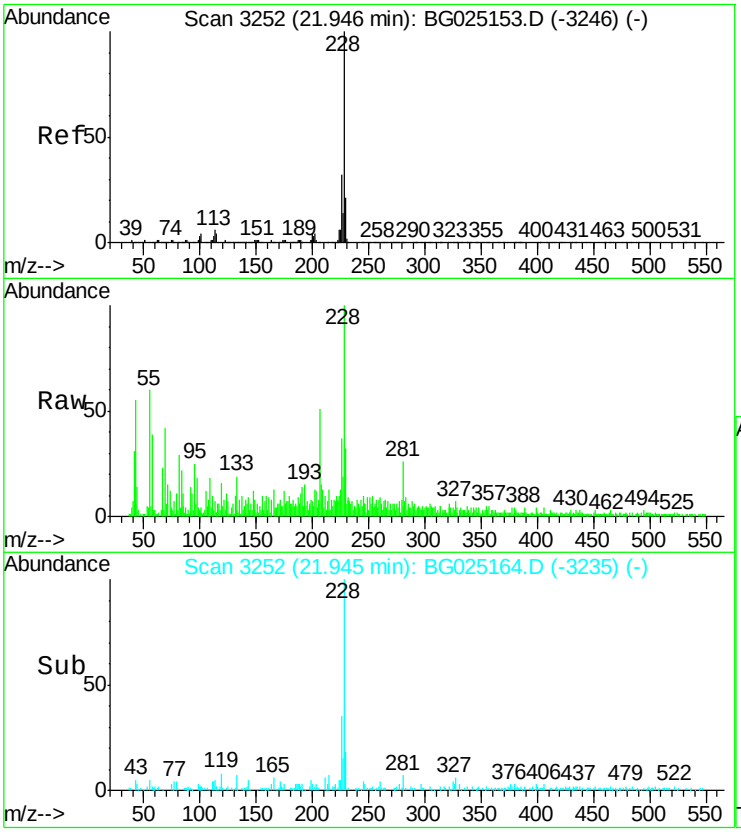


#81
Bis(2-ethylhexyl)phthalate
Concen: 1.24 ng/ul
RT: 21.73 min Scan# 3215
Delta R.T. 0.00 min
Lab File: BG025164.D
Acq: 14 Dec 2016 3:22

Tgt Ion:149 Resp: 20943

Ion	Ratio	Lower	Upper
149	100		
167	29.1	21.8	32.8
279	12.6	4.5	6.7#



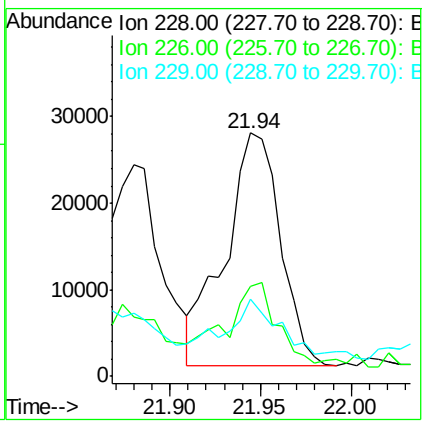


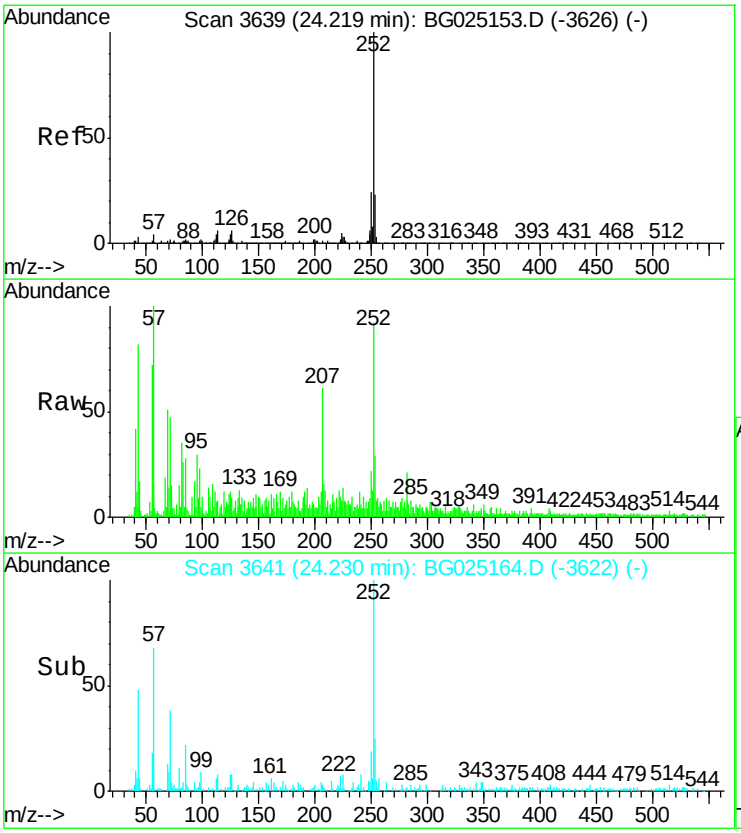
#82
Chrysene
Concen: 1.81 ng/ul
RT: 21.94 min Scan# 3252
Delta R.T. -0.00 min
Lab File: BG025164.D
Acq: 14 Dec 2016 3:22

Instrument :
BNA_G
ClientSampleId :
P006-SS005-0106-03MSD

Tgt Ion:228 Resp: 57154

Ion	Ratio	Lower	Upper
228	100		
226	36.8	24.0	36.0#
229	31.9	16.9	25.3#

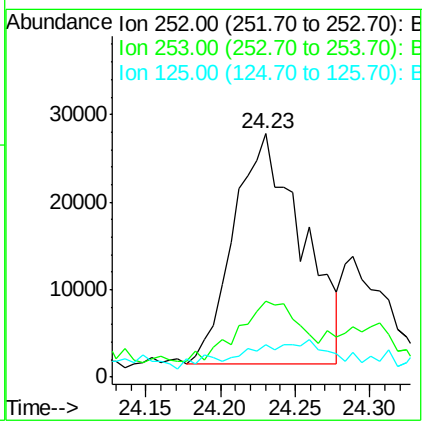


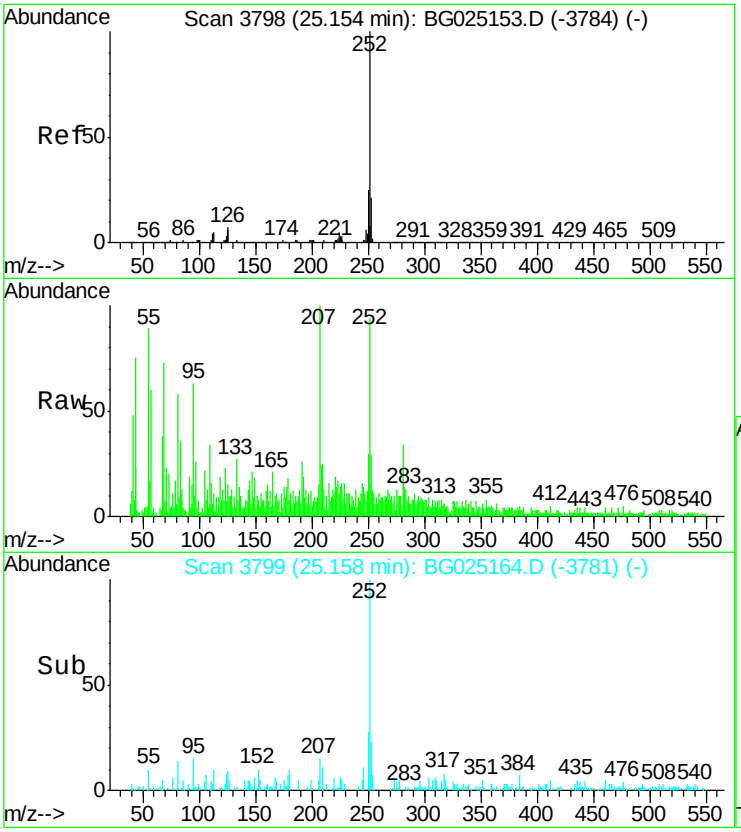


#85
Benzo(b)fluoranthene
Concen: 2.41 ng/ul
RT: 24.23 min Scan# 3641
Delta R.T. 0.01 min
Lab File: BG025164.D
Acq: 14 Dec 2016 3:22

Tgt Ion:252 Resp: 84208

Ion	Ratio	Lower	Upper
252	100		
253	31.4	17.7	26.5#
125	13.3	4.0	6.0#





#88
Benzo(a)pyrene
Concen: 1.27 ng/ul
RT: 25.16 min Scan# 3799
Delta R.T. 0.00 min
Lab File: BG025164.D
Acq: 14 Dec 2016 3:22

Instrument :
BNA_G
ClientSampleId :
P006-SS005-0106-03MSD

Tgt Ion:252 Resp: 42827

Ion	Ratio	Lower	Upper
252	100		
253	31.1	17.8	26.6#
125	16.2	5.4	8.0#