Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121316\
Data File : BG025163.D
Acq On : 14 Dec 2016 2:43
Operator : UM/SJ
Sample : H5990-13MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Dec 14 04:08:03 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	8.23	152	86285	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	397768	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	325783	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	614547	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	719503	20.00	ng/ul	0.00
83) Perylene-d12	25.33	264	719175	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.59	96	6882	4.12	ng/uL	0.00
5) Phenol-d5	7.39	99	205219	27.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	132968	28.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	141690	27.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	190707	30.66	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	84779	30.10	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	99736	28.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	196609	29.11	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	134003	20.19	ng/ul	0.00
43) Dimethylphthalate-d6	14.26	166	669759	29.89	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	753084	30.68	ng/ul	0.00
51) 4-Nitrophenol-d4	15.07	143	103296	26.82	ng/ul	0.00
57) Fluorene-d10	15.85	176	602920	28.58	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.98	200	107574	28.31	ng/ul	0.00
70) Anthracene-d10	17.70	188	836302	32.24	ng/ul	0.00
76) Pyrene-d10	19.98	212	891489	30.08	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.10	264	887563	30.46	ng/ul	0.02
Target Compounds						Qvalue
6) Phenol	7.42	94	243019	31.81	ng/ul	94
10) 2-Chlorophenol	7.80	128	138570	26.48	ng/ul	98
15) N-Nitroso-di-n-propylamine	9.04	70	163510	29.90	ng/ul	94
33) 4-Chloro-3-methylphenol	12.33	107	231228	28.61	ng/ul	96
44) Dimethylphthalate	14.30	163	136152	6.18	ng/ul#	94
49) Acenaphthene	14.93	153	490310	29.99	ng/ul	98
52) 4-Nitrophenol	15.08	109	122143	26.37	ng/ul	97
54) 2,4-Dinitrotoluene	15.23	165	200179	28.07	ng/ul	97
68) Pentachlorophenol	17.26	266	136072	28.99	ng/ul	95
69) Phenanthrene	17.65	178	37399	1.28	ng/ul	98
74) Fluoranthene	19.64	202	98502	2.83	ng/ul	99
77) Pyrene	20.01	202	1081300	31.26	ng/ul	97
80) Benzo(a)anthracene	21.87	228	49441	1.32	ng/ul#	92
81) Bis(2-ethylhexyl)phthalate	21.72	149	23329	1.25	ng/ul#	92
82) Chrysene	21.95	228	66534	1.90	ng/ul#	85

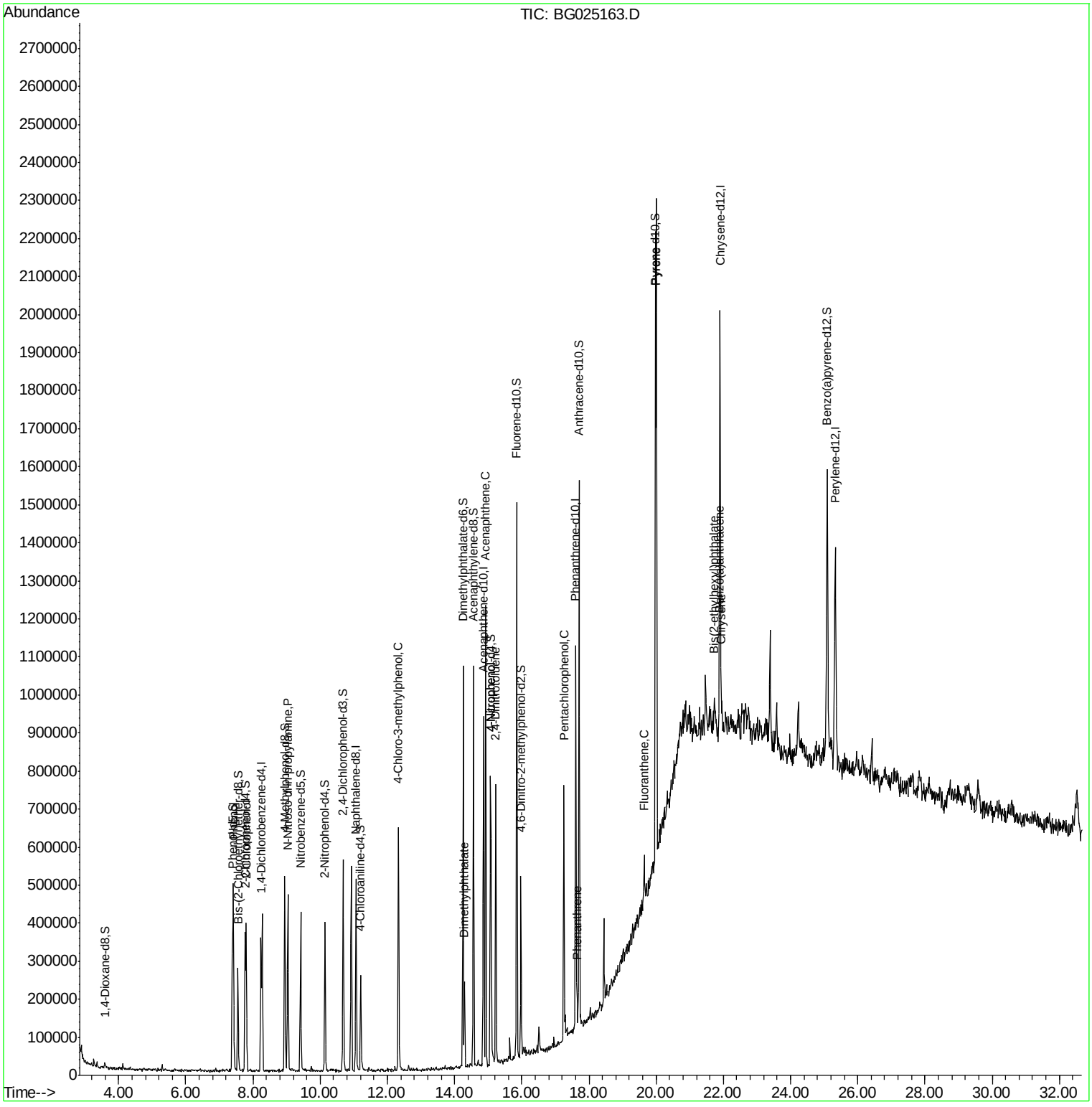
(#) = qualifier out of range (m) = manual integration (+) = signals summed

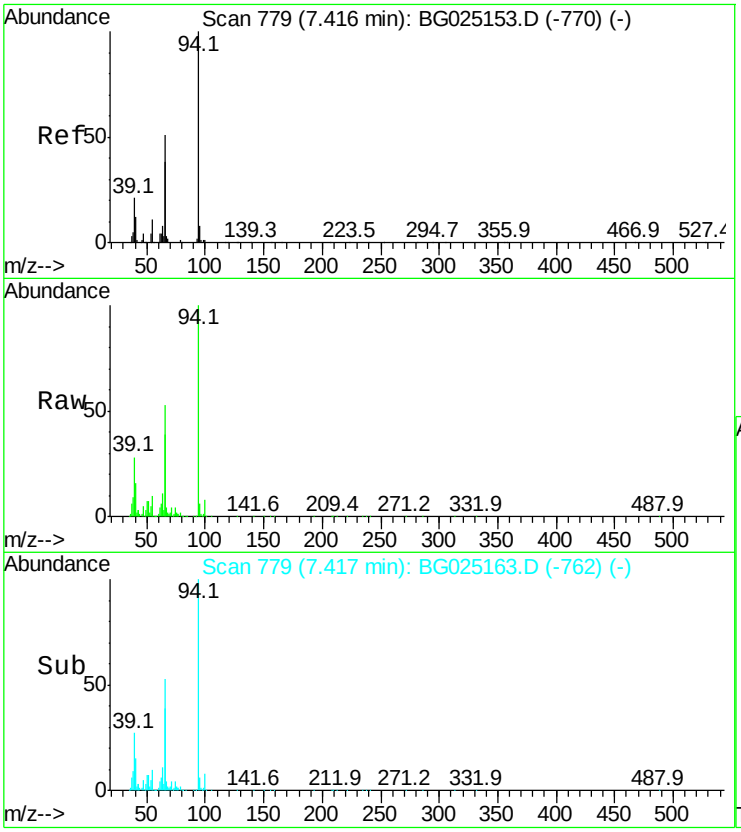
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121316\
Data File : BG025163.D
Acq On : 14 Dec 2016 2:43
Operator : UM/SJ
Sample : H5990-13MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Dec 14 04:08:03 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



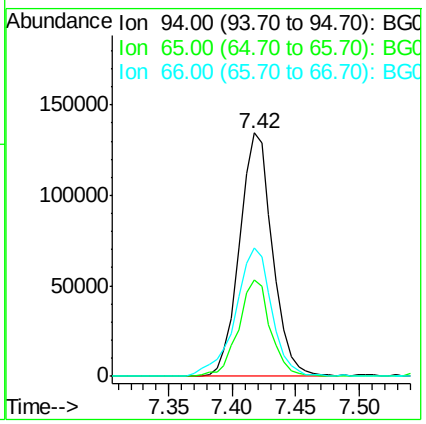


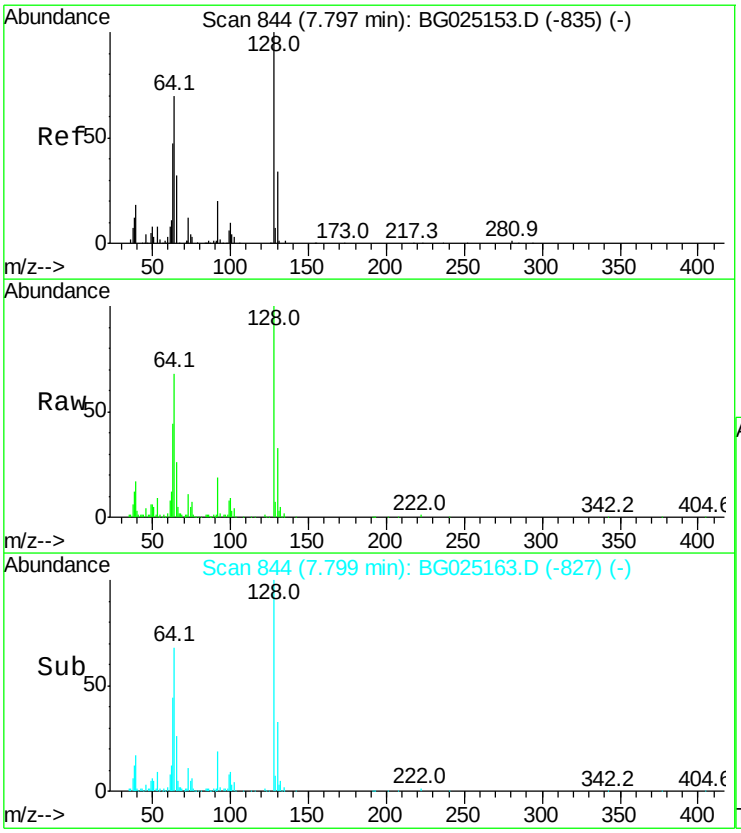
#6
Phenol
Concen: 31.81 ng/ul
RT: 7.42 min Scan# 779
Delta R.T. 0.00 min
Lab File: BG025163.D
Acq: 14 Dec 2016 2:43

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

Tgt Ion: 94 Resp: 243019

Ion	Ratio	Lower	Upper
94	100		
65	39.4	26.8	40.2
66	52.6	44.4	66.6

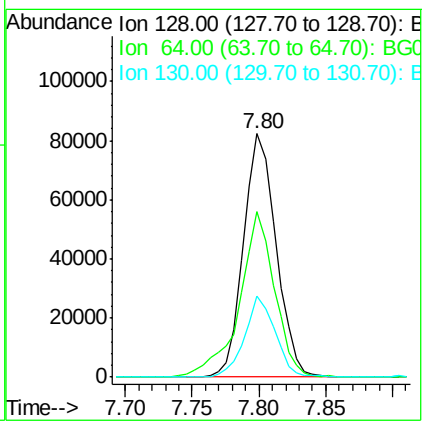


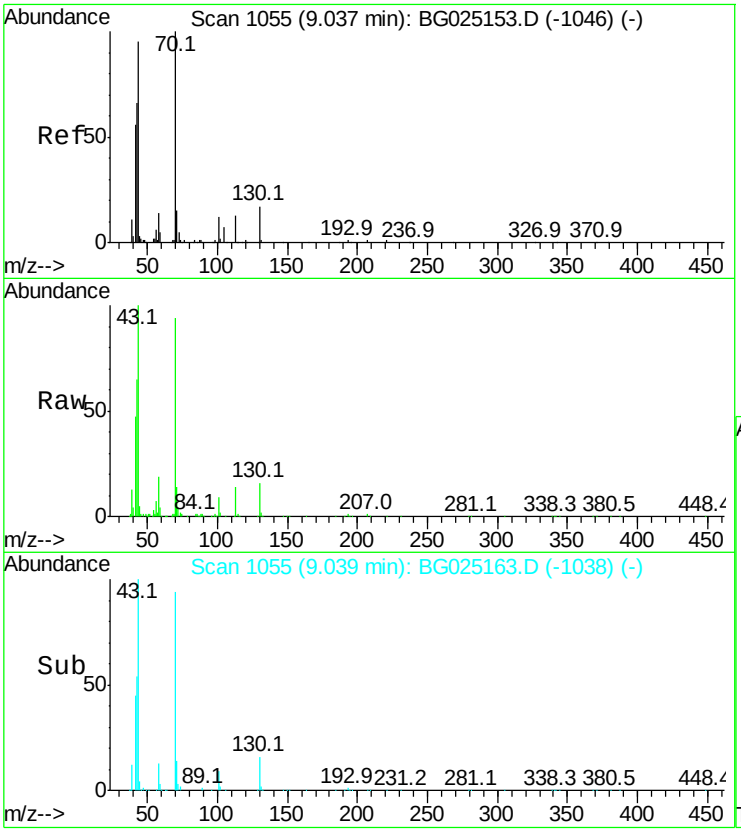


#10
2-Chlorophenol
Concen: 26.48 ng/ul
RT: 7.80 min Scan# 844
Delta R.T. 0.00 min
Lab File: BG025163.D
Acq: 14 Dec 2016 2:43

Tgt Ion:128 Resp: 138570

Ion	Ratio	Lower	Upper
128	100		
64	67.9	56.3	84.5
130	33.3	26.7	40.1



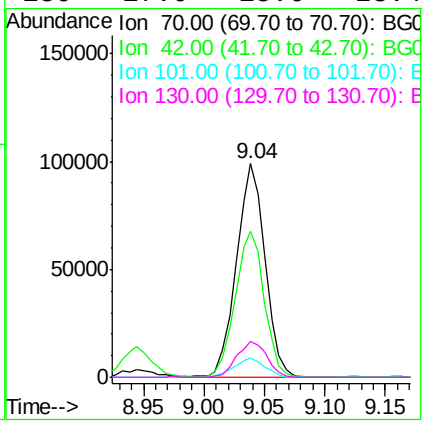


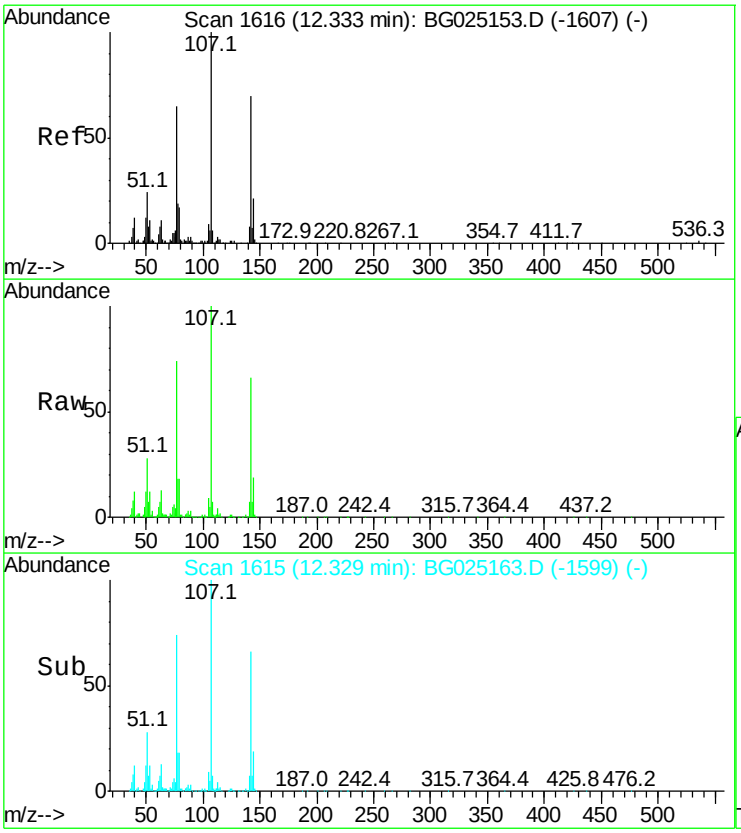
#15
N-Nitroso-di-n-propylamine
Concen: 29.90 ng/ul
RT: 9.04 min Scan# 1055
Delta R.T. 0.00 min
Lab File: BG025163.D
Acq: 14 Dec 2016 2:43

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

Tgt Ion: 70 Resp: 163510

Ion	Ratio	Lower	Upper
70	100		
42	68.6	59.0	88.6
101	9.1	6.6	9.8
130	17.0	15.6	23.4

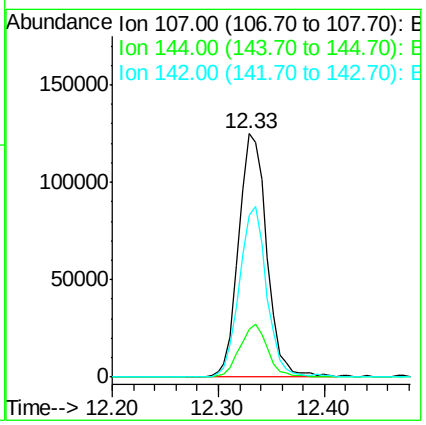


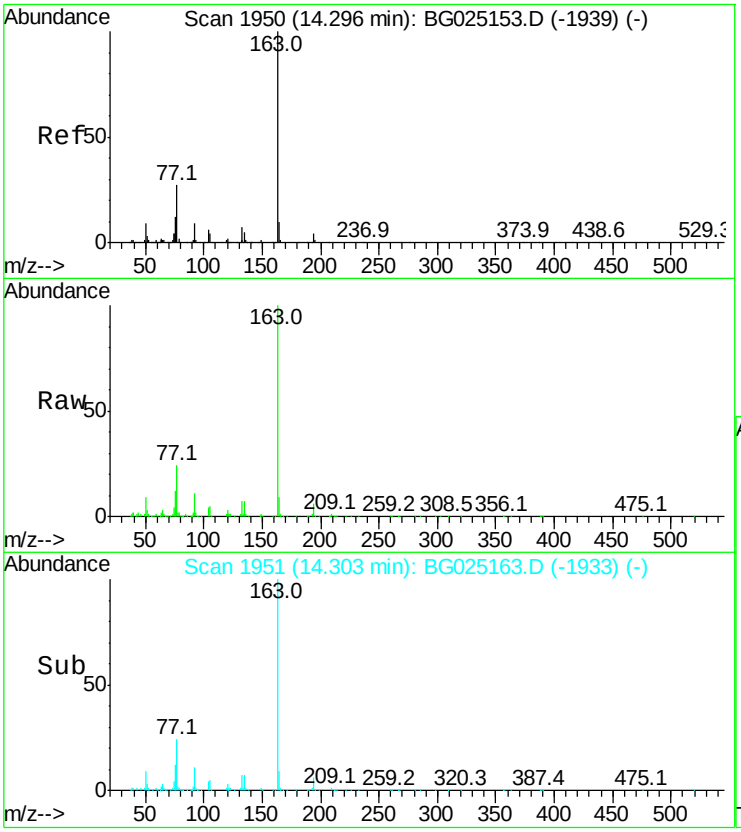


#33
4-Chloro-3-methylphenol
Concen: 28.61 ng/ul
RT: 12.33 min Scan# 1615
Delta R.T. -0.00 min
Lab File: BG025163.D
Acq: 14 Dec 2016 2:43

Tgt Ion:107 Resp: 231228

Ion	Ratio	Lower	Upper
107	100		
144	19.5	18.2	27.4
142	66.2	55.0	82.4



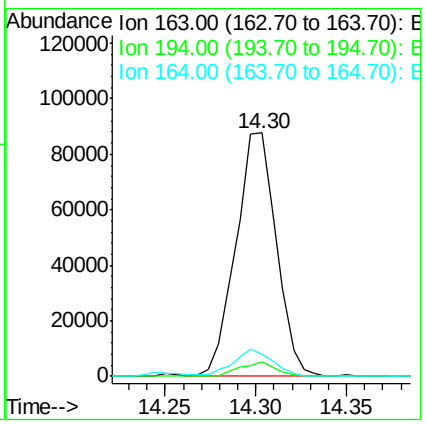


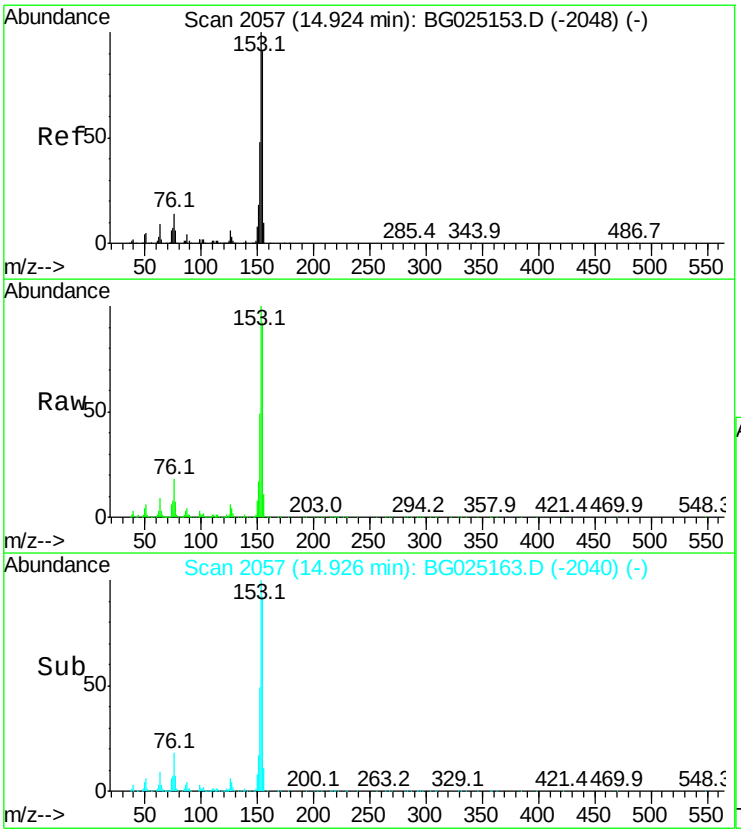
#44
Dimethylphthalate
Concen: 6.18 ng/ul
RT: 14.30 min Scan# 1951
Delta R.T. 0.01 min
Lab File: BG025163.D
Acq: 14 Dec 2016 2:43

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

Tgt Ion:163 Resp: 136152

Ion	Ratio	Lower	Upper
163	100		
194	5.7	3.4	5.0#
164	8.9	9.0	13.4#

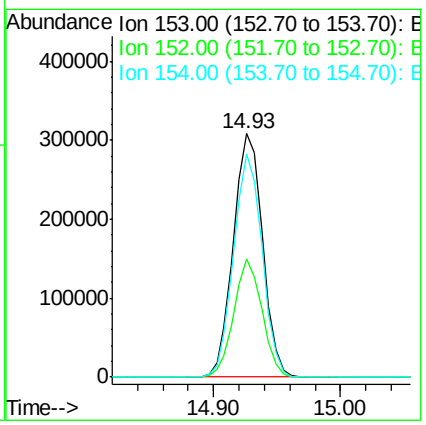


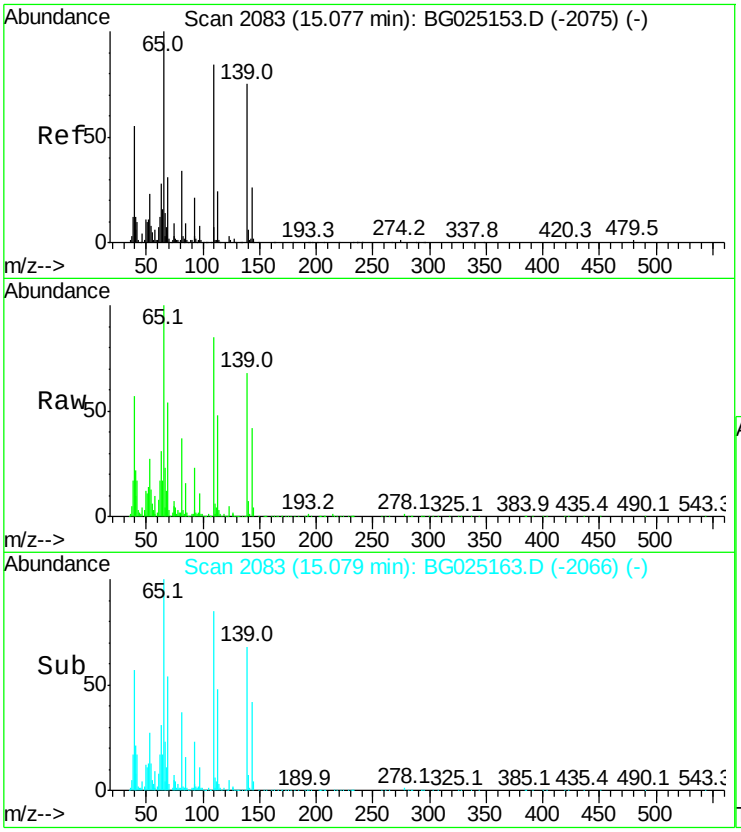


#49
Acenaphthene
Concen: 29.99 ng/ul
RT: 14.93 min Scan# 2057
Delta R.T. 0.00 min
Lab File: BG025163.D
Acq: 14 Dec 2016 2:43

Tgt Ion:153 Resp: 490310

Ion	Ratio	Lower	Upper
153	100		
152	48.7	36.5	54.7
154	91.5	72.3	108.5



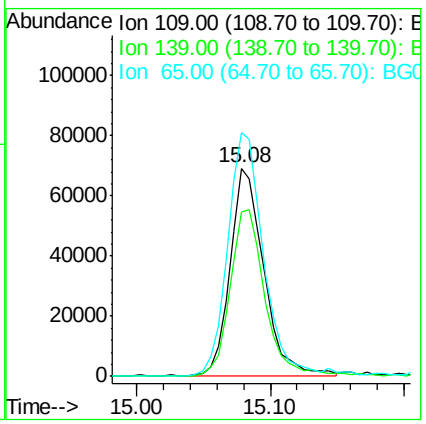


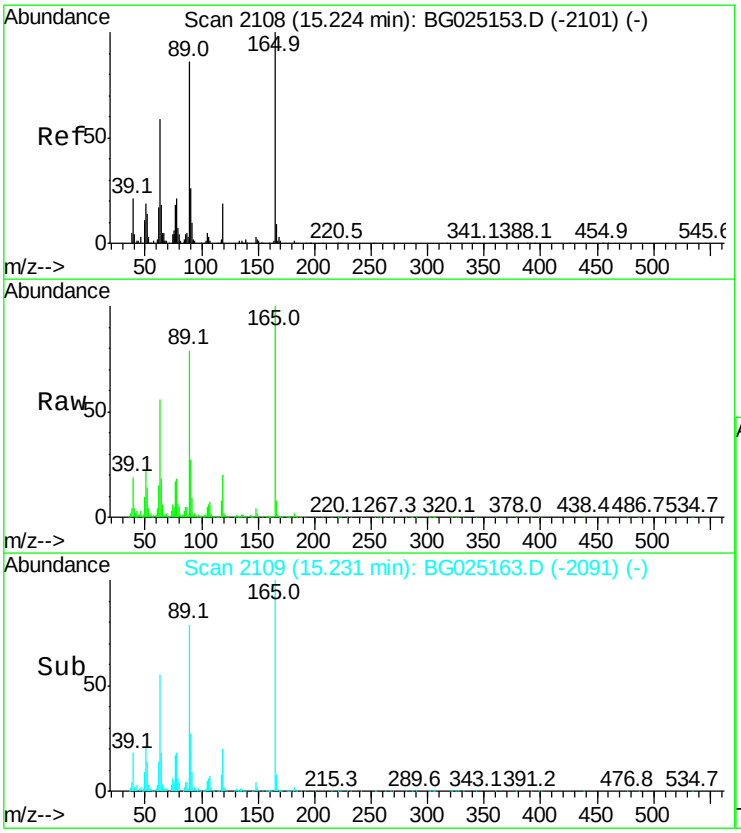
#52
4-Nitrophenol
Concen: 26.37 ng/ul
RT: 15.08 min Scan# 2083
Delta R.T. 0.00 min
Lab File: BG025163.D
Acq: 14 Dec 2016 2:43

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

Tgt Ion:109 Resp: 122143

Ion	Ratio	Lower	Upper
109	100		
139	79.1	62.6	93.8
65	117.1	90.4	135.6

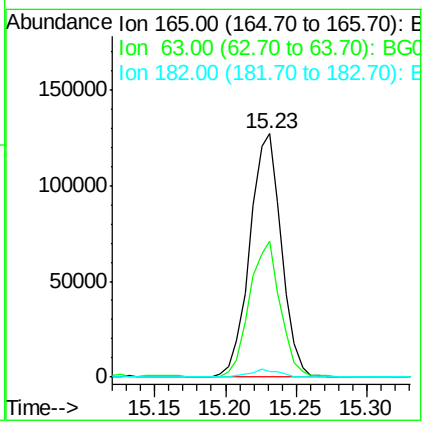


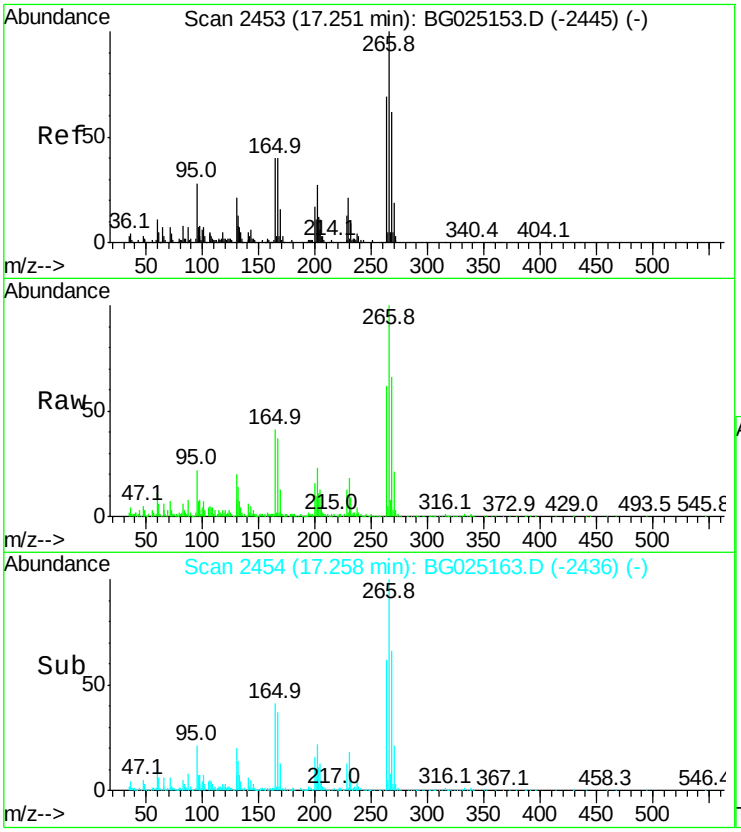


#54
2,4-Dinitrotoluene
Concen: 28.07 ng/ul
RT: 15.23 min Scan# 2109
Delta R.T. 0.01 min
Lab File: BG025163.D
Acq: 14 Dec 2016 2:43

Tgt Ion:165 Resp: 200179

Ion	Ratio	Lower	Upper
165	100		
63	56.0	46.8	70.2
182	2.2	1.8	2.6



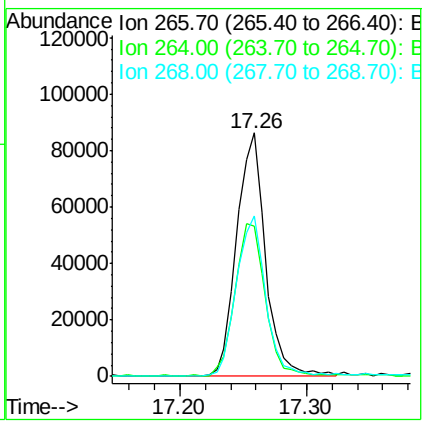


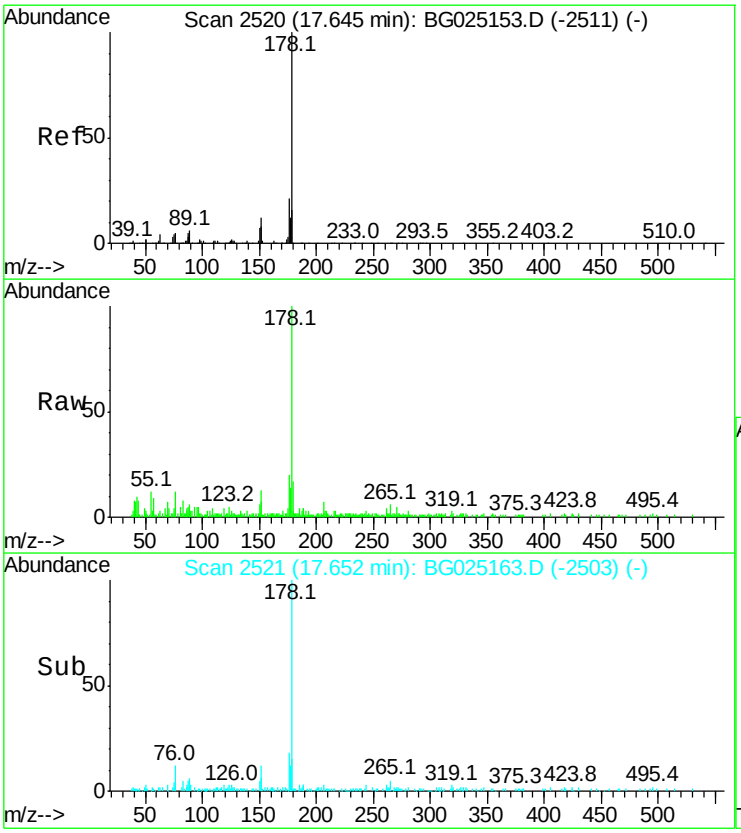
#68
Pentachlorophenol
Concen: 28.99 ng/ul
RT: 17.26 min Scan# 2454
Delta R.T. 0.01 min
Lab File: BG025163.D
Acq: 14 Dec 2016 2:43

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

Tgt Ion:266 Resp: 136072

Ion	Ratio	Lower	Upper
266	100		
264	61.8	47.1	70.7
268	65.8	56.2	84.4

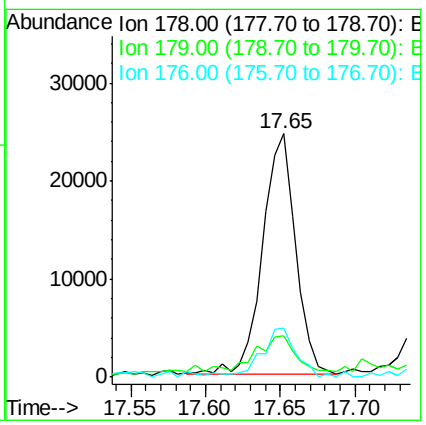


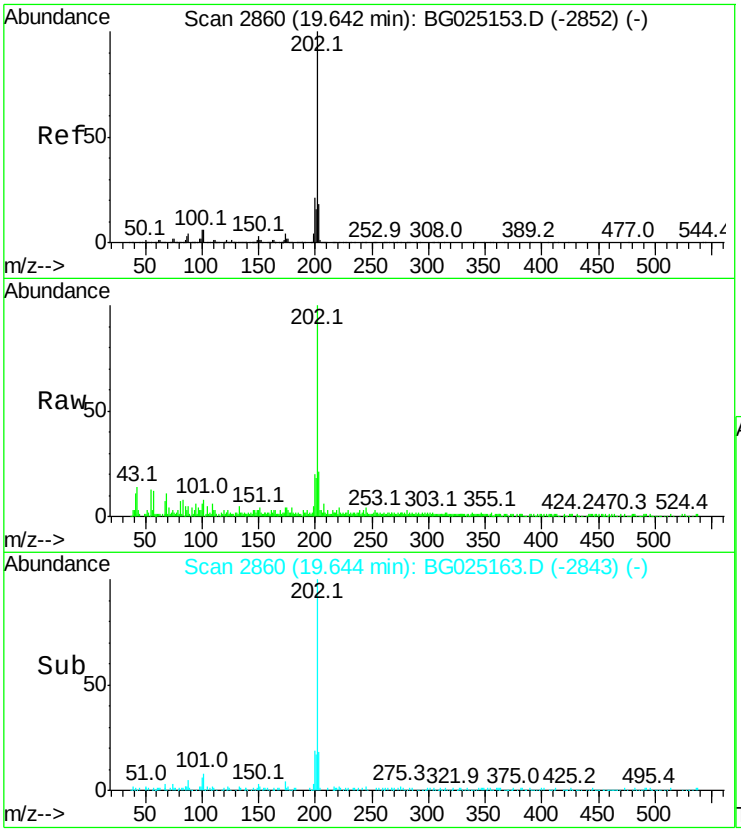


#69
Phenanthrene
Concen: 1.28 ng/ul
RT: 17.65 min Scan# 2521
Delta R.T. 0.01 min
Lab File: BG025163.D
Acq: 14 Dec 2016 2:43

Tgt Ion:178 Resp: 37399

Ion	Ratio	Lower	Upper
178	100		
179	17.2	12.4	18.6
176	20.3	16.5	24.7



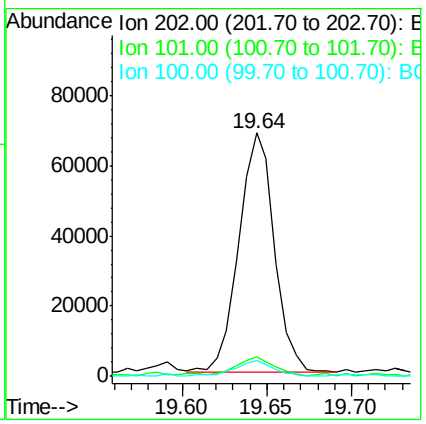


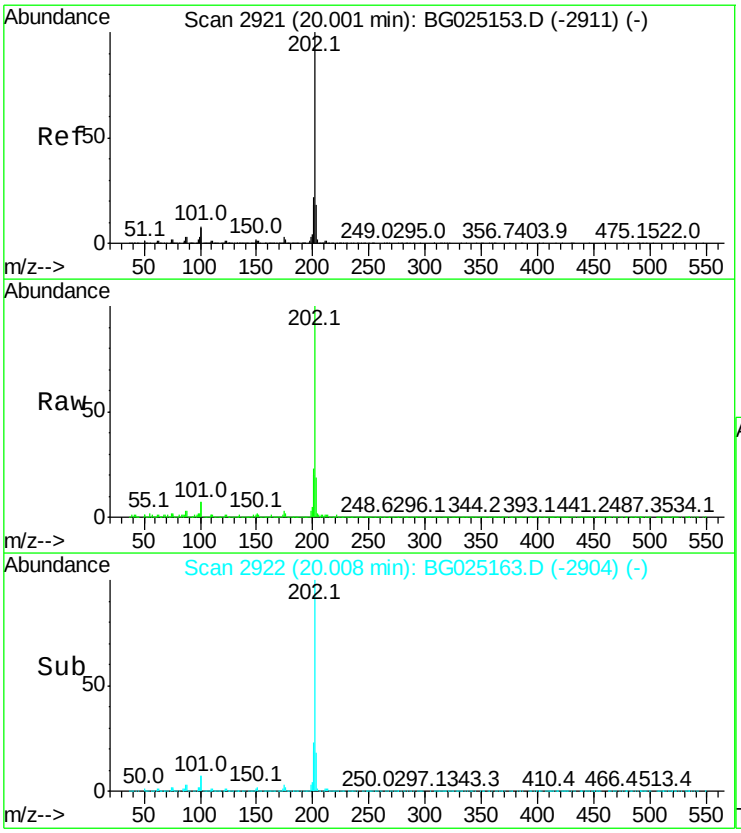
#74
Fluoranthene
Concen: 2.83 ng/ul
RT: 19.64 min Scan# 2860
Delta R.T. 0.00 min
Lab File: BG025163.D
Acq: 14 Dec 2016 2:43

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

Tgt Ion:202 Resp: 98502

Ion	Ratio	Lower	Upper
202	100		
101	8.2	6.2	9.2
100	6.3	5.2	7.8

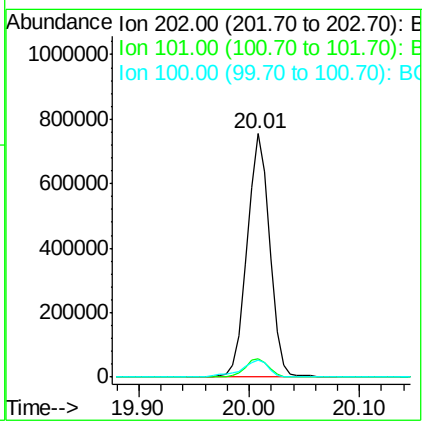


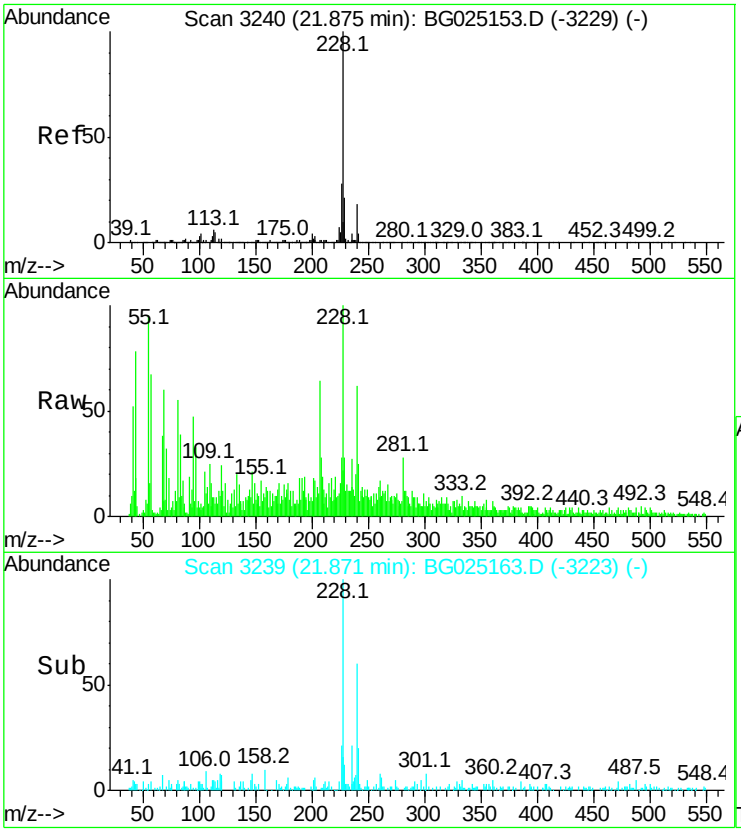


#77
Pyrene
Concen: 31.26 ng/ul
RT: 20.01 min Scan# 2922
Delta R.T. 0.01 min
Lab File: BG025163.D
Acq: 14 Dec 2016 2:43

Tgt Ion:202 Resp: 1081300

Ion	Ratio	Lower	Upper
202	100		
101	7.4	6.9	10.3
100	7.2	6.6	10.0



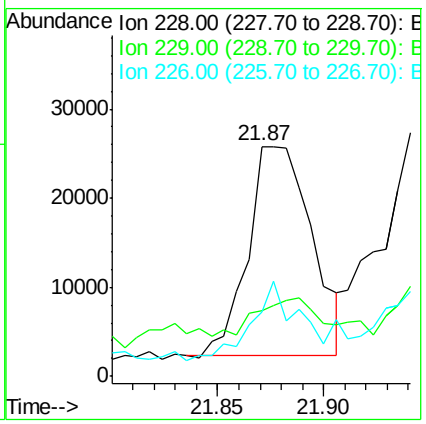


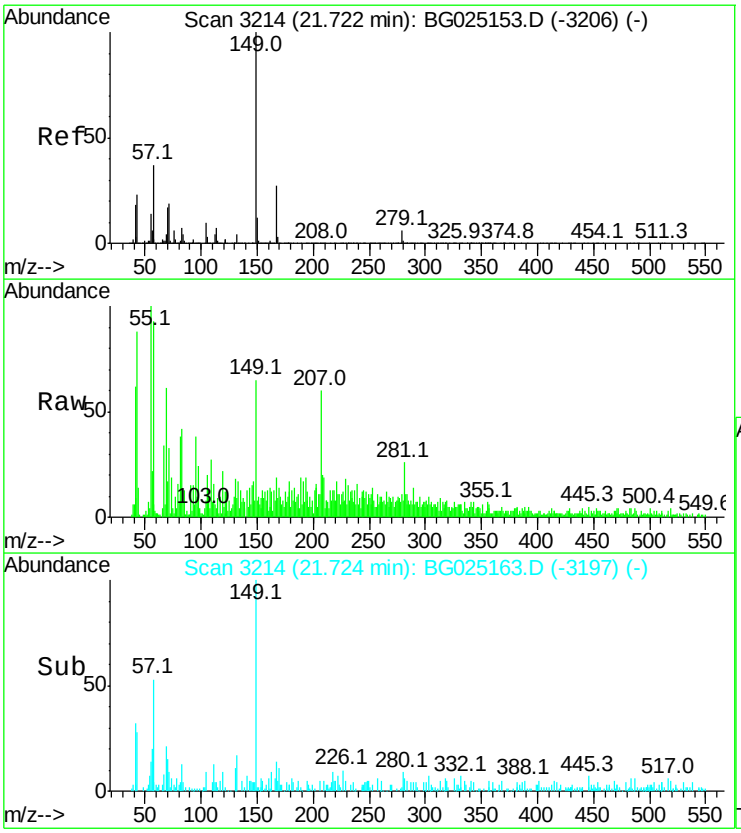
#80
Benzo(a)anthracene
Concen: 1.32 ng/ul
RT: 21.87 min Scan# 3239
Delta R.T. -0.00 min
Lab File: BG025163.D
Acq: 14 Dec 2016 2:43

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

Tgt Ion:228 Resp: 49441

Ion	Ratio	Lower	Upper
228	100		
229	28.4	16.3	24.5#
226	28.2	21.9	32.9

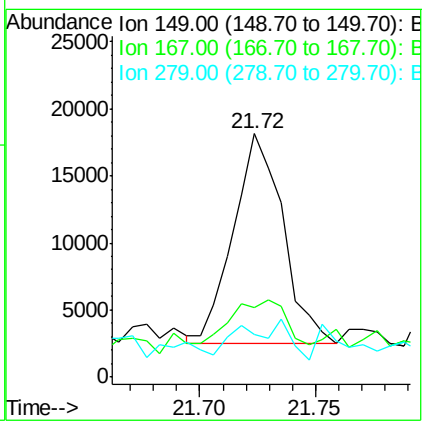


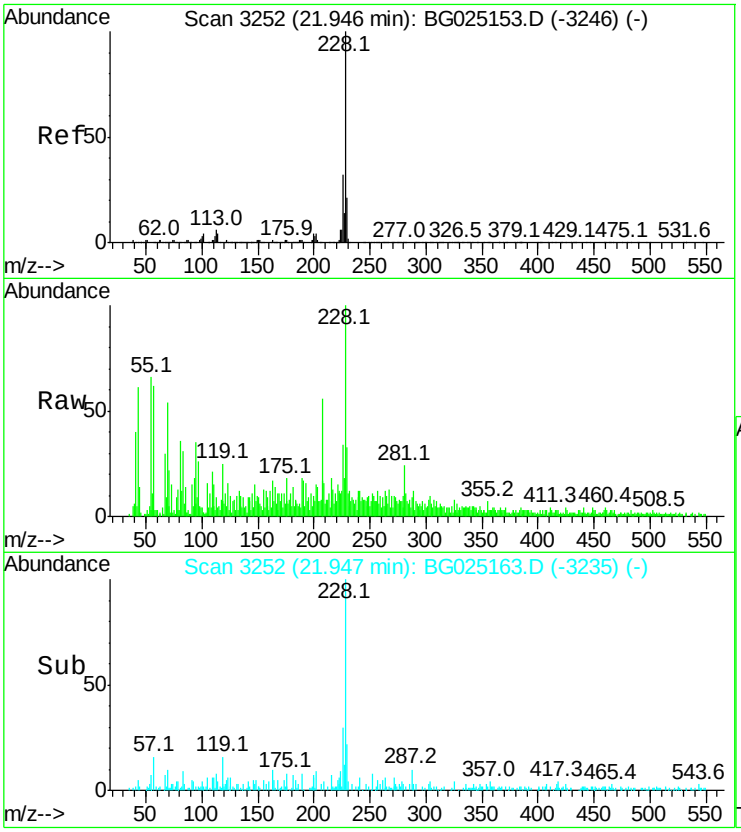


#81
Bis(2-ethylhexyl)phthalate
Concen: 1.25 ng/ul
RT: 21.72 min Scan# 3214
Delta R.T. 0.00 min
Lab File: BG025163.D
Acq: 14 Dec 2016 2:43

Tgt Ion:149 Resp: 23329

Ion	Ratio	Lower	Upper
149	100		
167	28.5	21.8	32.8
279	17.4	4.5	6.7#





#82
Chrysene
Concen: 1.90 ng/ul
RT: 21.95 min Scan# 3252
Delta R.T. 0.00 min
Lab File: BG025163.D
Acq: 14 Dec 2016 2:43

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

Tgt Ion:228 Resp: 66534

Ion	Ratio	Lower	Upper
228	100		
226	34.1	24.0	36.0
229	33.4	16.9	25.3#