Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032516\
Data File : BG021510.D
Acq On : 25 Mar 2016 11:40
Operator : UM/SJ
Sample : H1909-10MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4T45MS

Quant Time: Mar 25 23:30:13 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 25 23:28:37 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	17689	20.00	ng/ul	0.00
18) Naphthalene-d8	10.87	136	80578	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	48668	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.42	188	106046	20.00	ng/ul	0.00
78) Chrysene-d12	21.67	240	120626	20.00	ng/ul	0.00
86) Perylene-d12	24.89	264	118923	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.46	96	940	2.38	ng/uL	0.00
5) Phenol-d5	7.33	99	27764	16.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	18070	18.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	22126	17.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	25181	17.58	ng/ul	0.00
19) Nitrobenzene-d5	9.24	128	11543	19.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.95	143	12258	17.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	23274	18.84	ng/ul	0.00
29) 4-Chloroaniline-d4	11.02	131	18517	11.47	ng/ul	0.00
44) Dimethylphthalate-d6	14.08	166	73625	18.17	ng/ul	0.00
47) Acenaphthylene-d8	14.37	160	94416	18.90	ng/ul	0.00
52) 4-Nitrophenol-d4	15.08	143	8951	13.82	ng/ul	0.00
58) Fluorene-d10	15.66	176	68472	18.74	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.79	200	11492	16.40	ng/ul	0.00
71) Anthracene-d10	17.52	188	102687	19.76	ng/ul	0.00
79) Pyrene-d10	19.79	212	116959	20.79	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.67	264	123284	22.46	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	7.37	94	28239	15.97	ng/ul	96
10) 2-Chlorophenol	7.67	128	21484	16.46	ng/ul	91
15) N-Nitroso-di-n-propylamine	8.86	70	20797	16.05	ng/ul	96
33) 4-Chloro-3-methylphenol	12.24	107	28246	18.03	ng/ul	94
45) Dimethylphthalate	14.12	163	28224	6.70	ng/ul	99
50) Acenaphthene	14.74	153	63892	18.72	ng/ul	98
53) 4-Nitrophenol	15.09	109	10440	15.54	ng/ul	93
55) 2,4-Dinitrotoluene	15.04	165	22158	17.59	ng/ul	89
69) Pentachlorophenol	17.09	266	5736	16.60	ng/ul	92
77) Fluoranthene	19.46	202	14265	1.97	ng/ul#	96
80) Pyrene	19.82	202	159392	22.18	ng/ul#	93
83) Benzo(a)anthracene	21.65	228	9788	1.34	ng/ul	94
84) Bis(2-ethylhexyl)phthalate	21.53	149	5140	1.16	ng/ul#	94
85) Chrysene	21.72	228	9299	1.35	ng/ul	92
88) Benzo(b)fluoranthene	23.87	252	22119	2.90	ng/ul	96
89) Benzo(k)fluoranthene	23.87	252	22119	2.95	ng/ul	96
91) Benzo(a)pyrene	24.74	252	19361	2.61	ng/ul	94
94) Benzo(g,h,i)perylene	29.71	276	10756	1.55	ng/ul	96

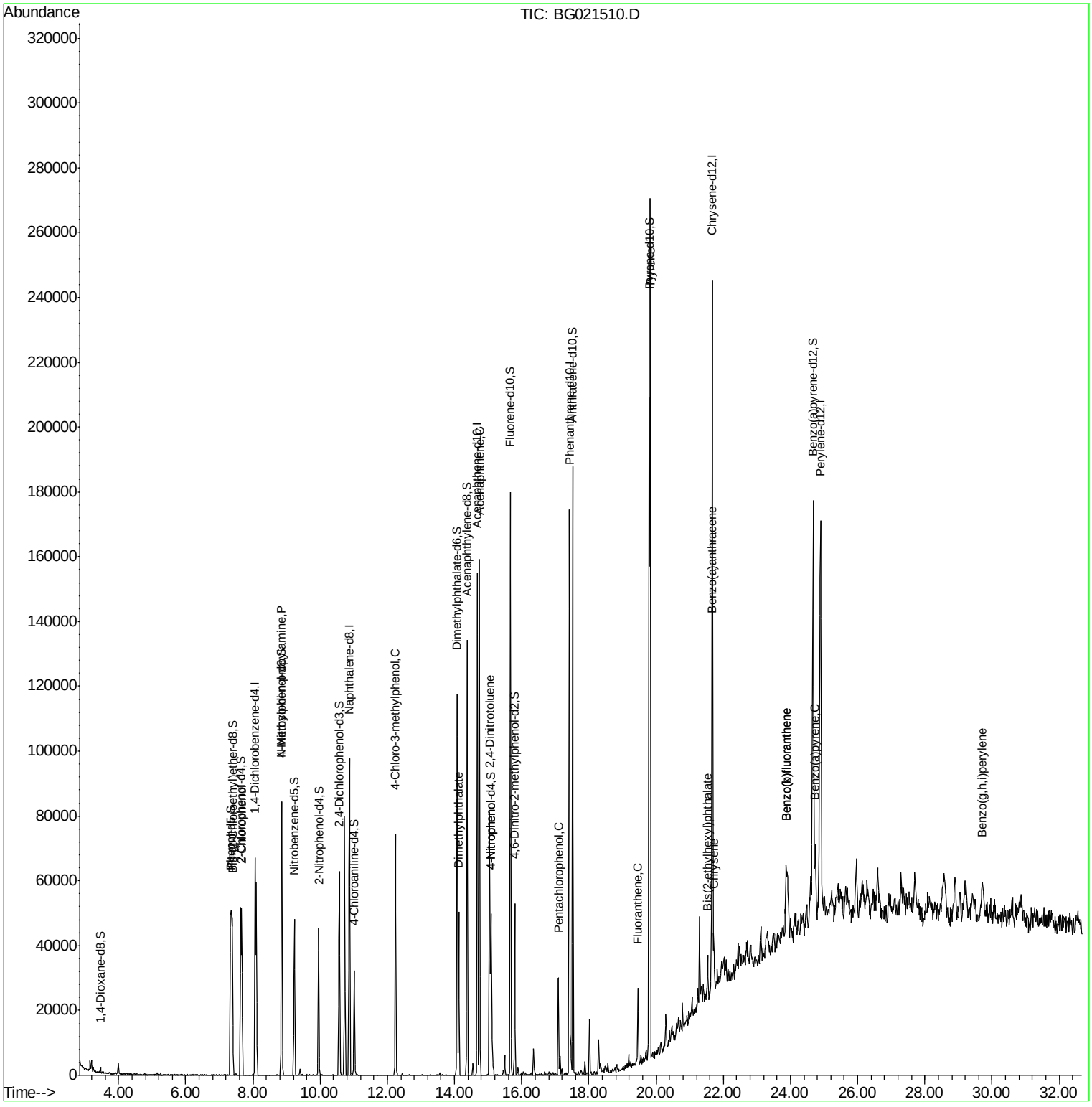
(#) = qualifier out of range (m) = manual integration (+) = signals summed

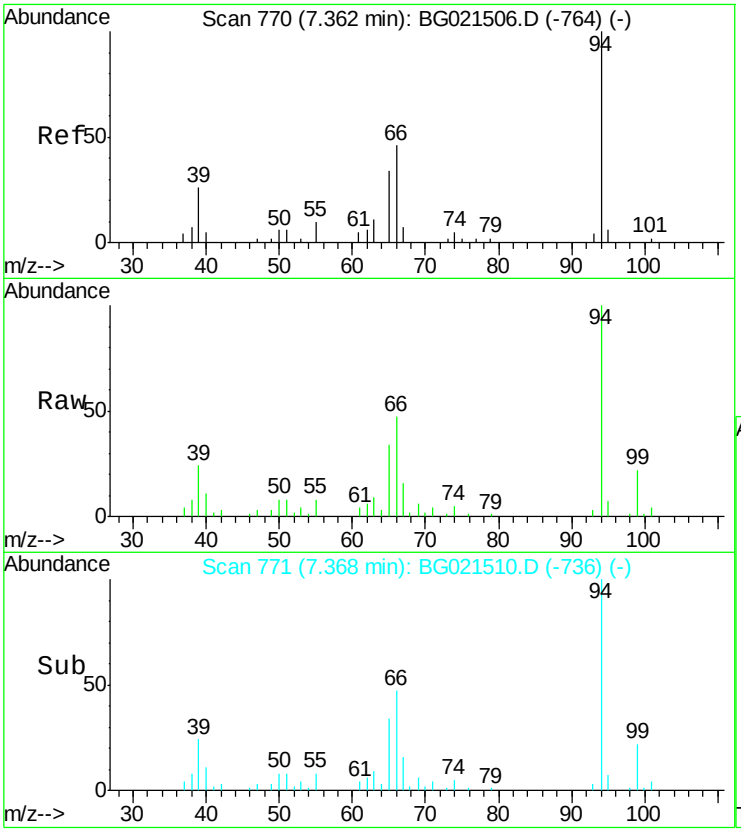
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032516\
Data File : BG021510.D
Acq On : 25 Mar 2016 11:40
Operator : UM/SJ
Sample : H1909-10MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4T45MS

Quant Time: Mar 25 23:30:13 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 25 23:28:37 2016
Response via : Initial Calibration



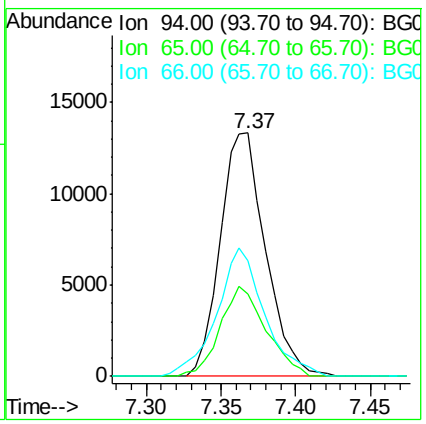


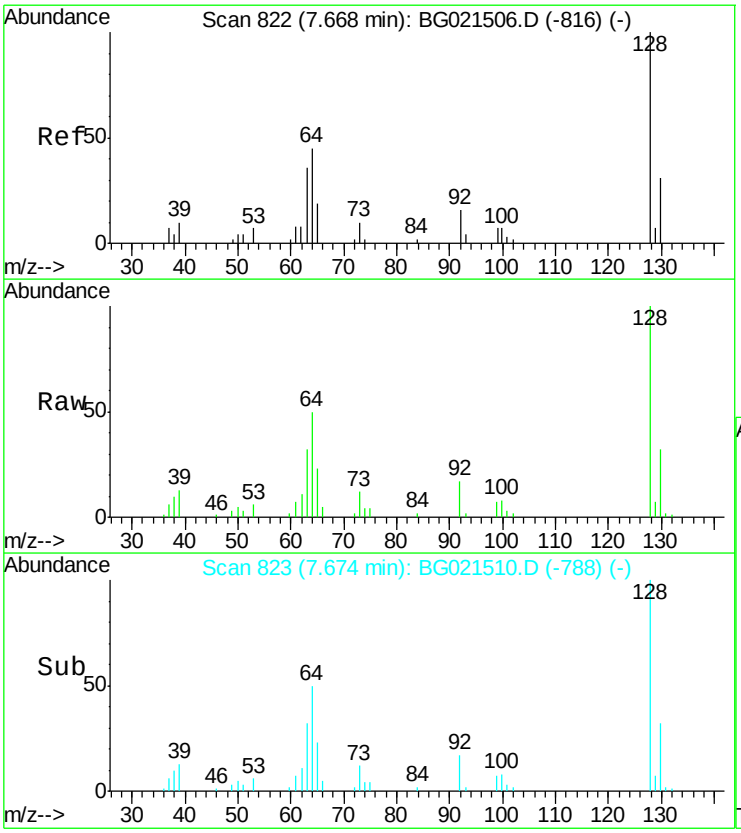
#6
Phenol
Concen: 15.97 ng/ul
RT: 7.37 min Scan# 771
Delta R.T. 0.01 min
Lab File: BG021510.D
Acq: 25 Mar 2016 11:40

Instrument :
BNA_G
ClientSampleId :
A4T45MS

Tgt Ion: 94 Resp: 28239

Ion	Ratio	Lower	Upper
94	100		
65	33.8	26.1	39.1
66	47.2	35.0	52.4

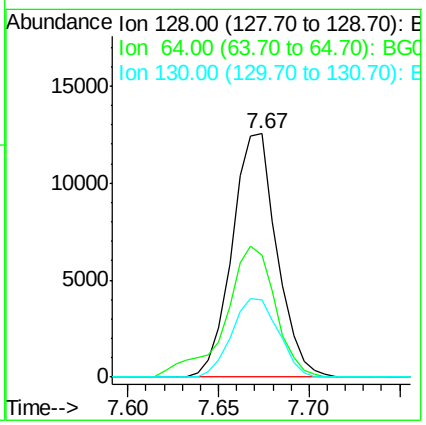


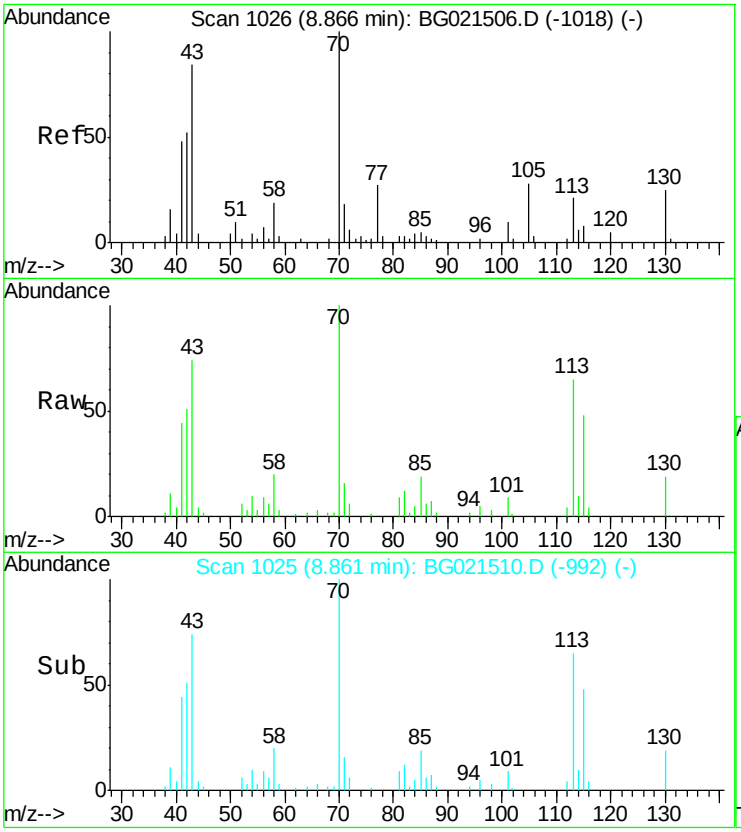


#10
2-Chlorophenol
Concen: 16.46 ng/ul
RT: 7.67 min Scan# 823
Delta R.T. 0.01 min
Lab File: BG021510.D
Acq: 25 Mar 2016 11:40

Tgt Ion:128 Resp: 21484

Ion	Ratio	Lower	Upper
128	100		
64	50.2	47.0	70.6
130	31.6	27.8	41.6



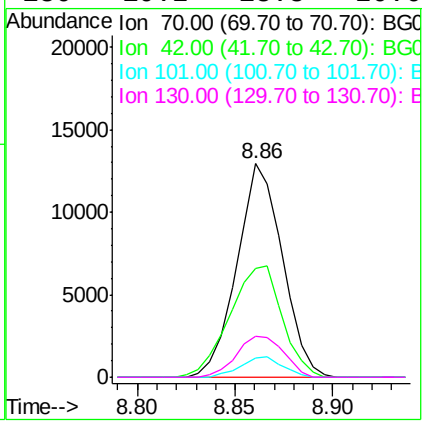


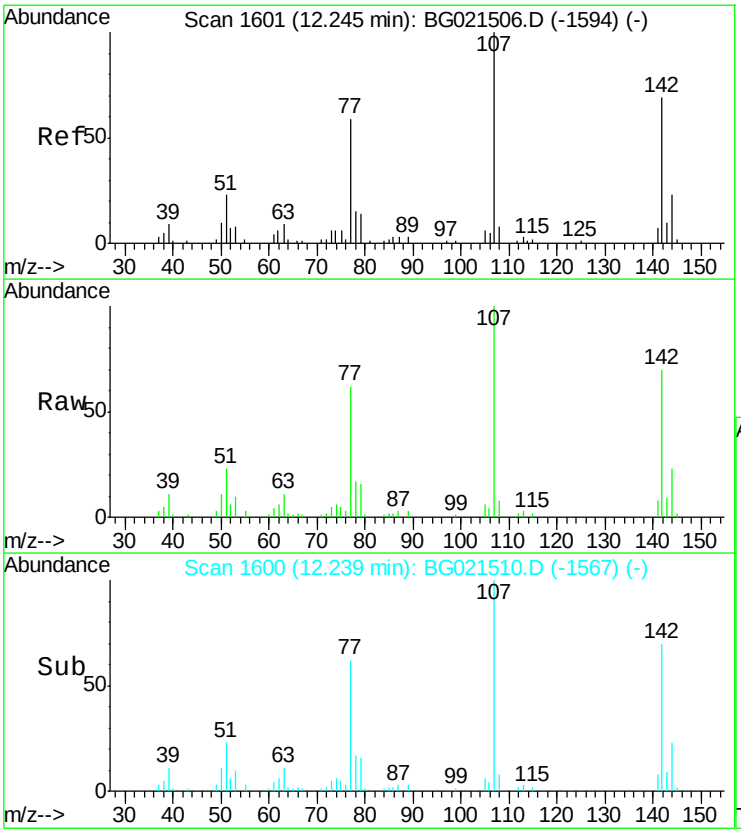
#15
N-Nitroso-di-n-propylamine
Concen: 16.05 ng/ul
RT: 8.86 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BG021510.D
Acq: 25 Mar 2016 11:40

Instrument :
BNA_G
ClientSampleId :
A4T45MS

Tgt Ion: 70 Resp: 20797

Ion	Ratio	Lower	Upper
70	100		
42	50.8	43.4	65.0
101	8.8	6.5	9.7
130	19.2	13.8	20.6

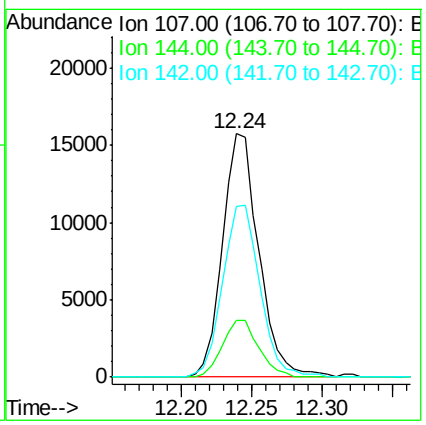


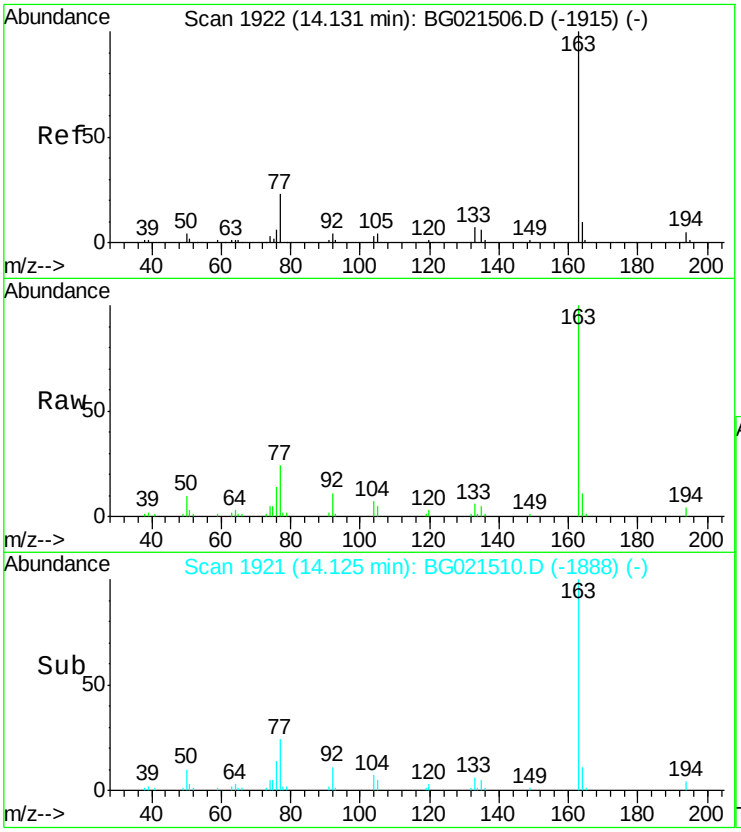


#33
4-Chloro-3-methylphenol
Concen: 18.03 ng/ul
RT: 12.24 min Scan# 1600
Delta R.T. -0.01 min
Lab File: BG021510.D
Acq: 25 Mar 2016 11:40

Tgt Ion:107 Resp: 28246

Ion	Ratio	Lower	Upper
107	100		
144	23.2	17.2	25.8
142	70.0	52.0	78.0



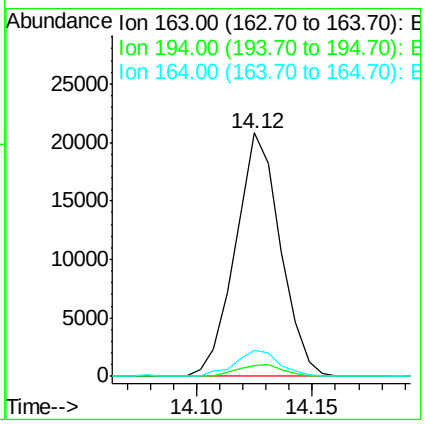


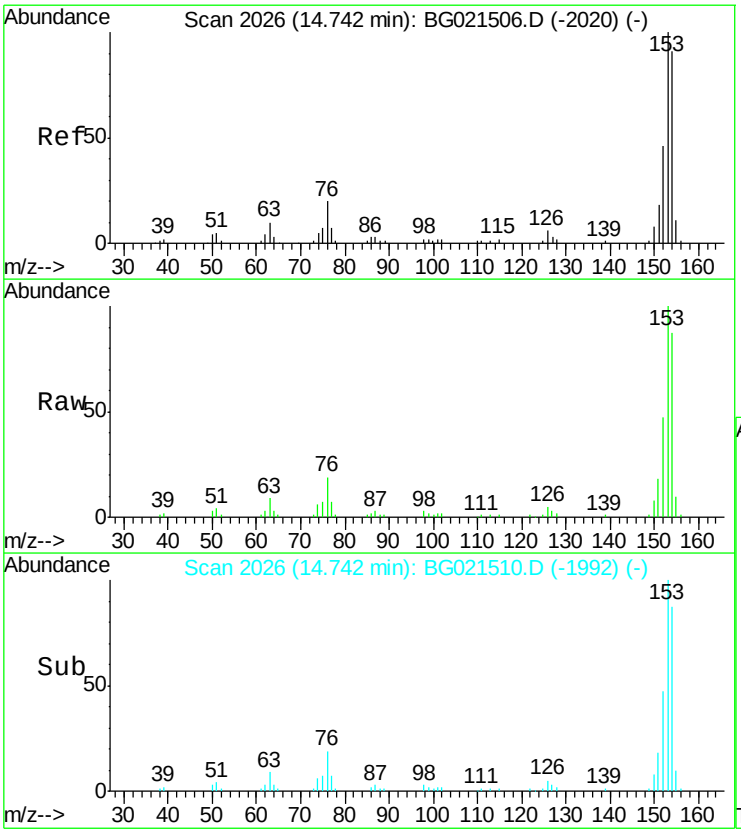
#45
Dimethylphthalate
Concen: 6.70 ng/ul
RT: 14.12 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BG021510.D
Acq: 25 Mar 2016 11:40

Instrument :
BNA_G
ClientSampleId :
A4T45MS

Tgt Ion:163 Resp: 28224

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.9	5.9
164	10.9	8.7	13.1

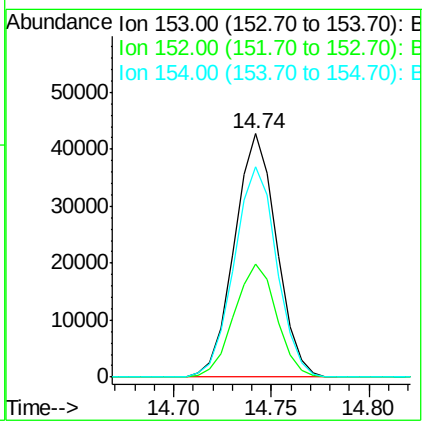


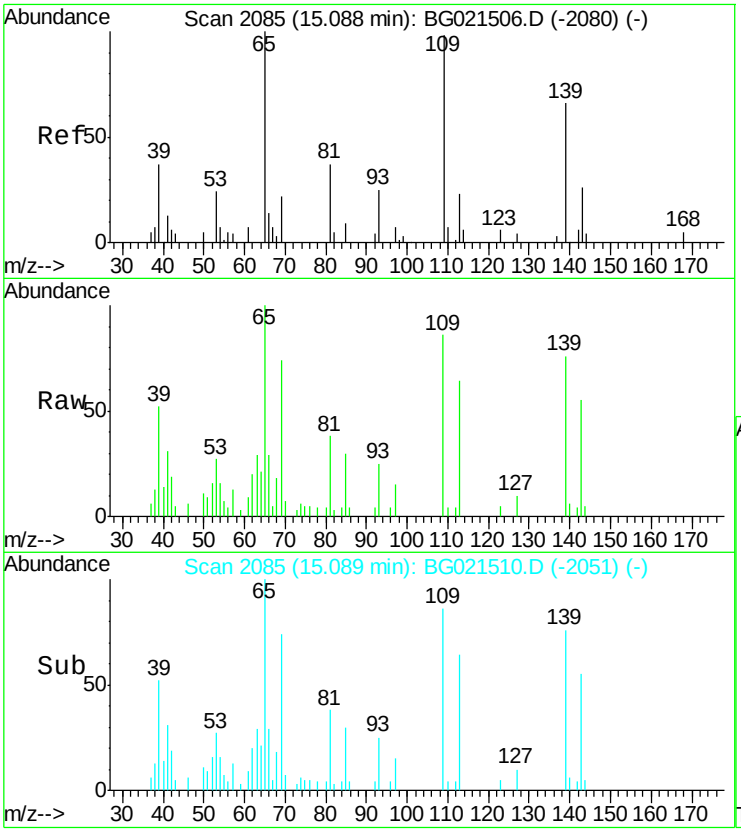


#50
Acenaphthene
Concen: 18.72 ng/ul
RT: 14.74 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BG021510.D
Acq: 25 Mar 2016 11:40

Tgt Ion:153 Resp: 63892

Ion	Ratio	Lower	Upper
153	100		
152	46.6	36.5	54.7
154	86.5	67.3	100.9



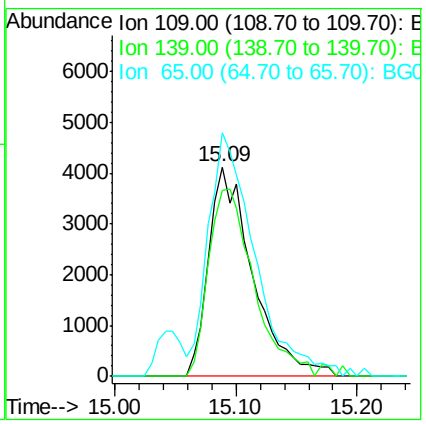


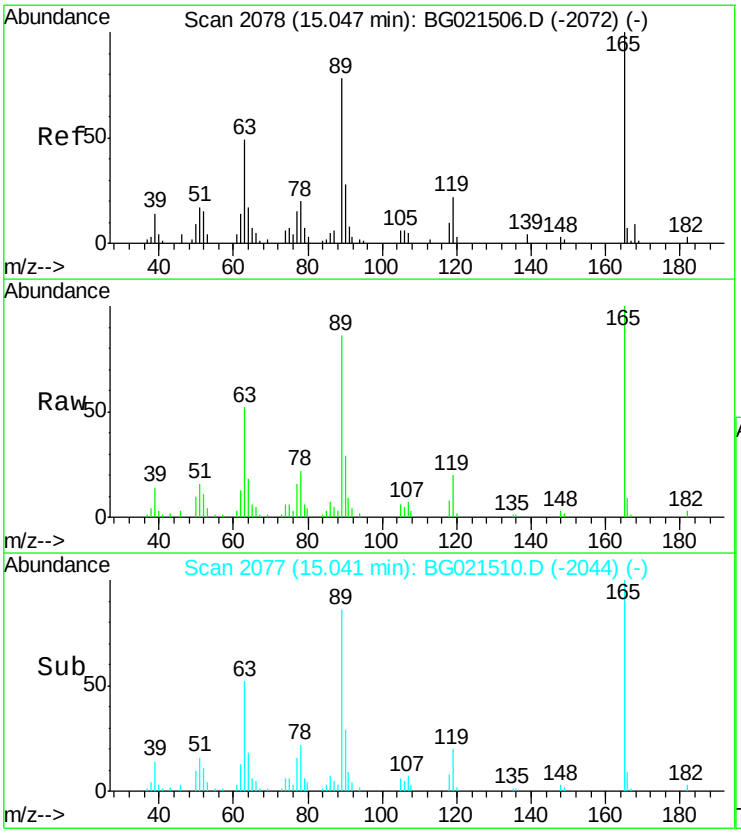
#53
4-Nitrophenol
Concen: 15.54 ng/ul
RT: 15.09 min Scan# 2085
Delta R.T. 0.00 min
Lab File: BG021510.D
Acq: 25 Mar 2016 11:40

Instrument :
BNA_G
ClientSampleId :
A4T45MS

Tgt Ion:109 Resp: 10440

Ion	Ratio	Lower	Upper
109	100		
139	88.6	75.9	113.9
65	116.3	99.8	149.8

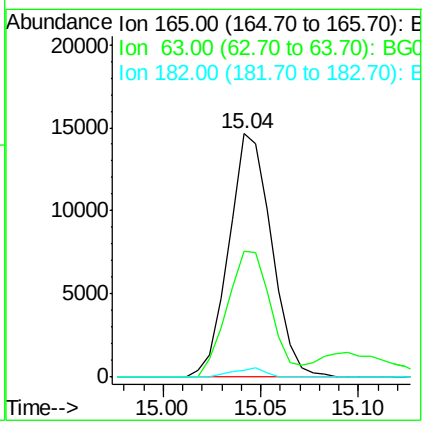


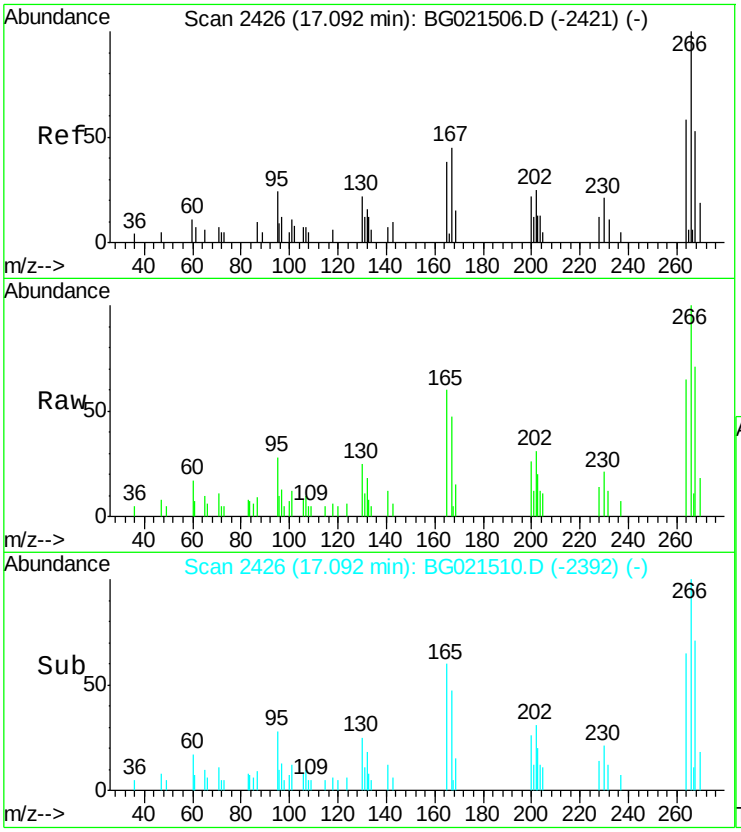


#55
2,4-Dinitrotoluene
Concen: 17.59 ng/ul
RT: 15.04 min Scan# 2077
Delta R.T. -0.01 min
Lab File: BG021510.D
Acq: 25 Mar 2016 11:40

Tgt Ion:165 Resp: 22158

Ion	Ratio	Lower	Upper
165	100		
63	51.7	48.1	72.1
182	2.6	2.2	3.2



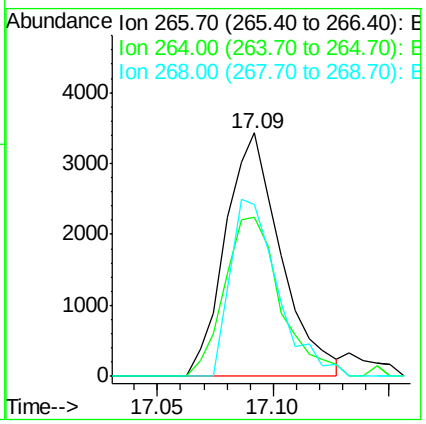


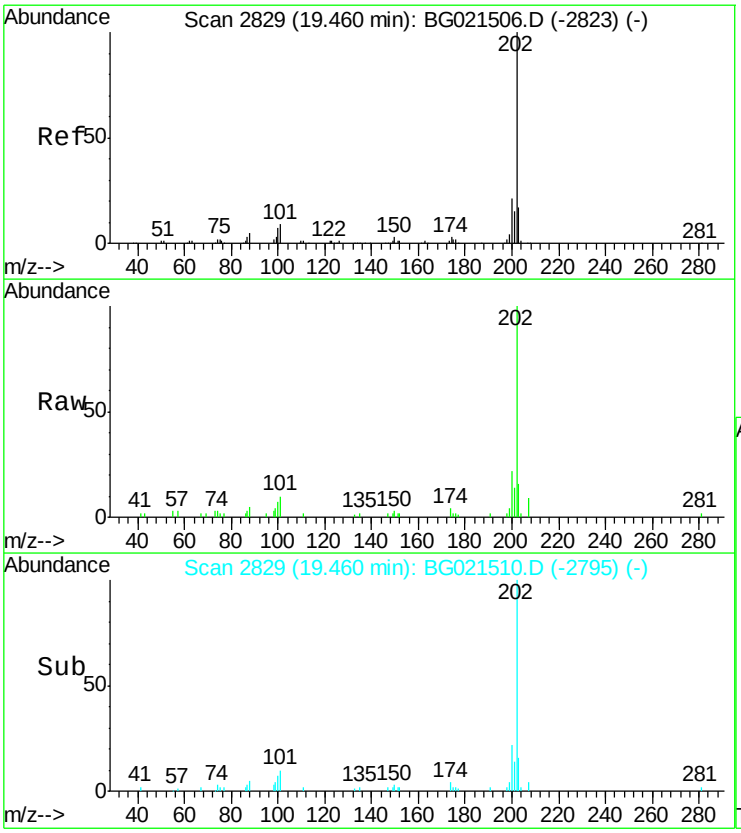
#69
Pentachlorophenol
Concen: 16.60 ng/ul
RT: 17.09 min Scan# 2426
Delta R.T. 0.00 min
Lab File: BG021510.D
Acq: 25 Mar 2016 11:40

Instrument :
BNA_G
ClientSampleId :
A4T45MS

Tgt Ion:266 Resp: 5736

Ion	Ratio	Lower	Upper
266	100		
264	65.2	56.7	85.1
268	70.8	50.6	76.0

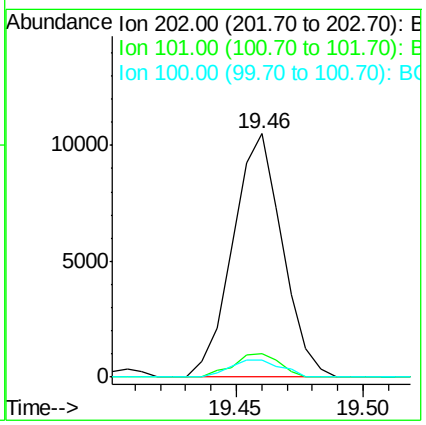


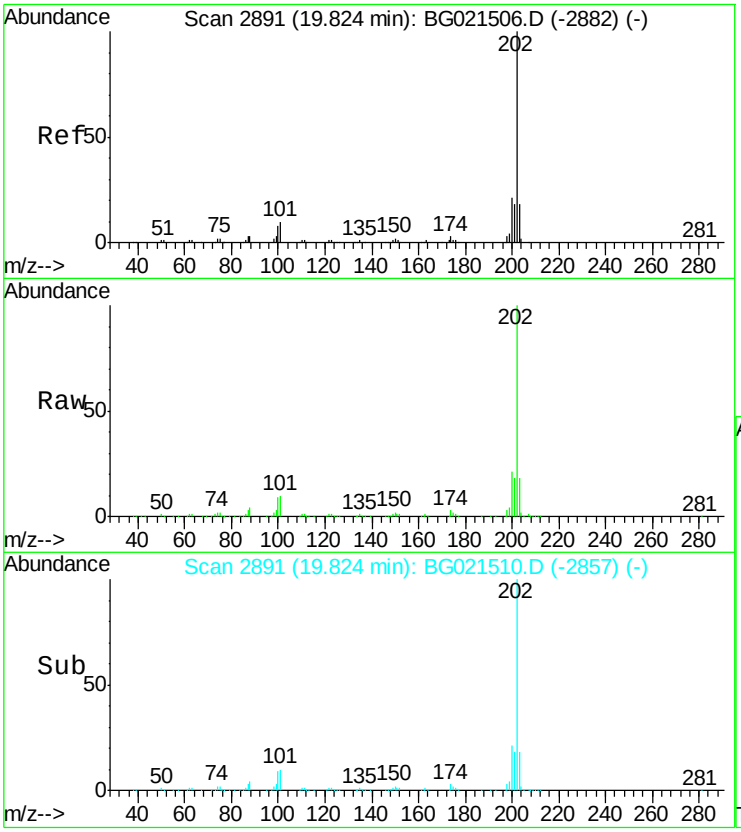


#77
Fluoranthene
Concen: 1.97 ng/ul
RT: 19.46 min Scan# 2829
Delta R.T. 0.00 min
Lab File: BG021510.D
Acq: 25 Mar 2016 11:40

Tgt Ion:202 Resp: 14265

Ion	Ratio	Lower	Upper
202	100		
101	9.8	8.9	13.3
100	6.9	7.0	10.4#



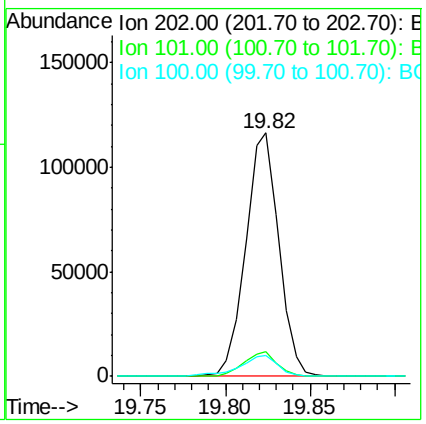


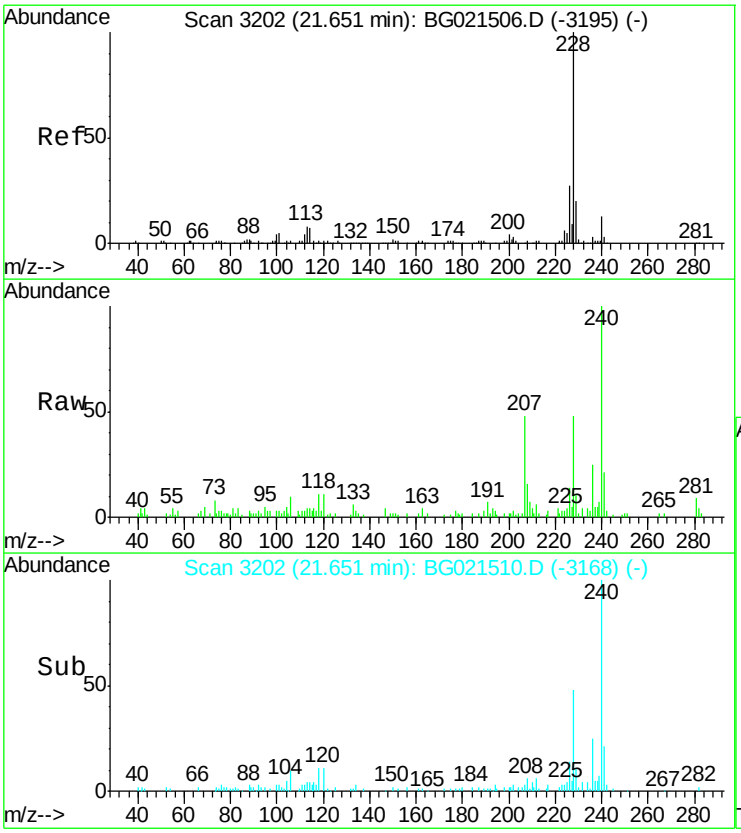
#80
Pyrene
Concen: 22.18 ng/ul
RT: 19.82 min Scan# 2891
Delta R.T. 0.00 min
Lab File: BG021510.D
Acq: 25 Mar 2016 11:40

Instrument :
BNA_G
ClientSampleId :
A4T45MS

Tgt Ion:202 Resp: 159392

Ion	Ratio	Lower	Upper
202	100		
101	10.0	9.8	14.8
100	8.8	9.3	13.9#

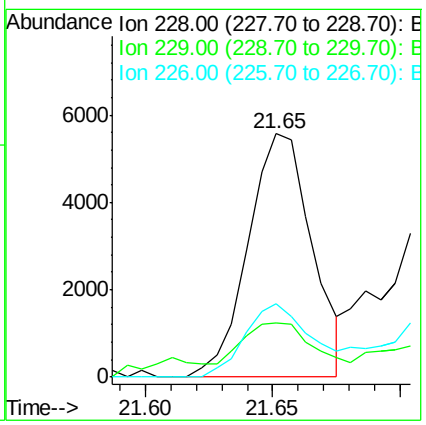


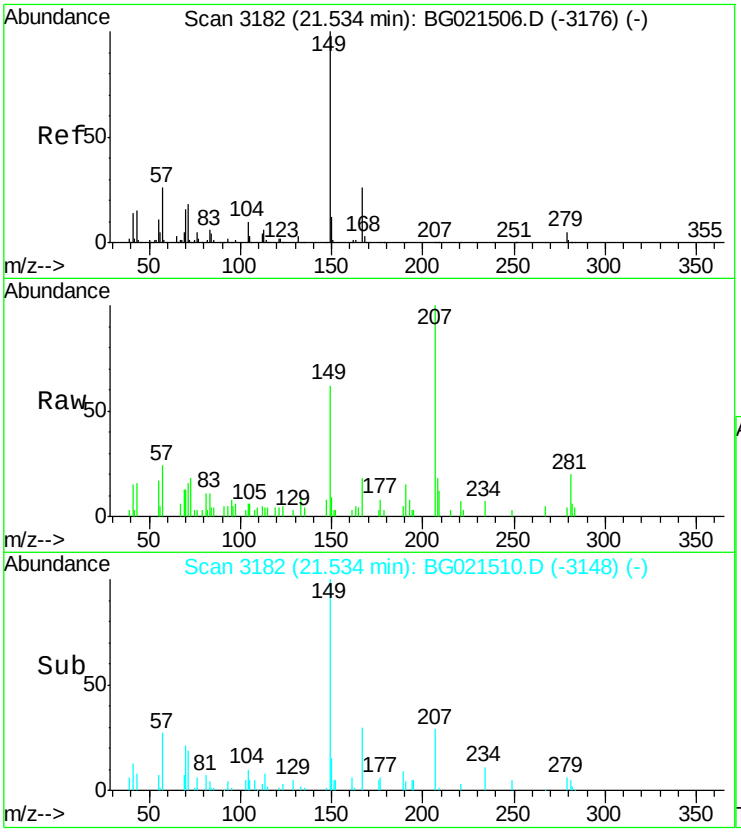


#83
Benzo(a)anthracene
Concen: 1.34 ng/ul
RT: 21.65 min Scan# 3202
Delta R.T. 0.00 min
Lab File: BG021510.D
Acq: 25 Mar 2016 11:40

Tgt Ion:228 Resp: 9788

Ion	Ratio	Lower	Upper
228	100		
229	22.2	16.6	25.0
226	30.1	21.0	31.4



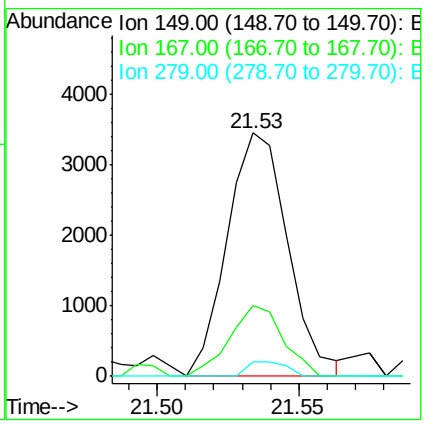


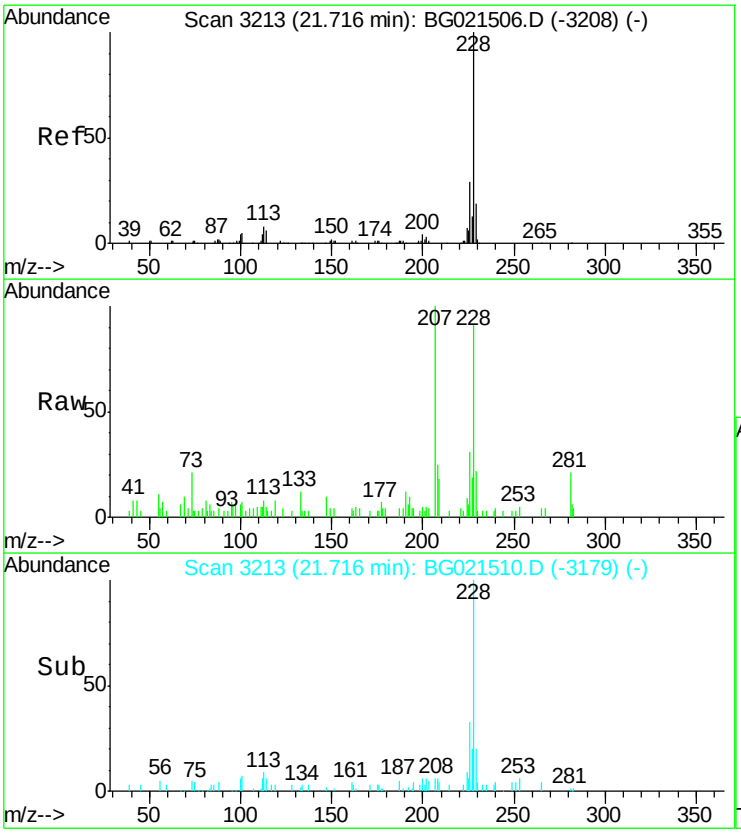
#84
Bis(2-ethylhexyl)phthalate
Concen: 1.16 ng/ul
RT: 21.53 min Scan# 3182
Delta R.T. 0.00 min
Lab File: BG021510.D
Acq: 25 Mar 2016 11:40

Instrument :
BNA_G
ClientSampleId :
A4T45MS

Tgt Ion:149 Resp: 5140

Ion	Ratio	Lower	Upper
149	100		
167	28.9	20.5	30.7
279	5.9	3.7	5.5#

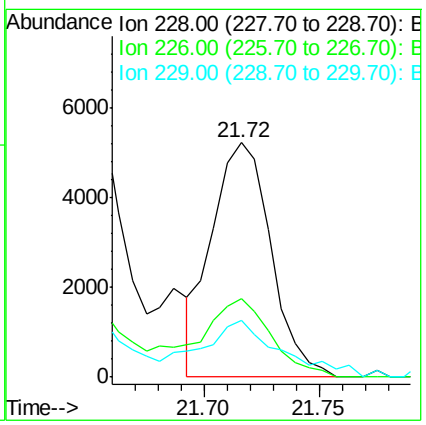


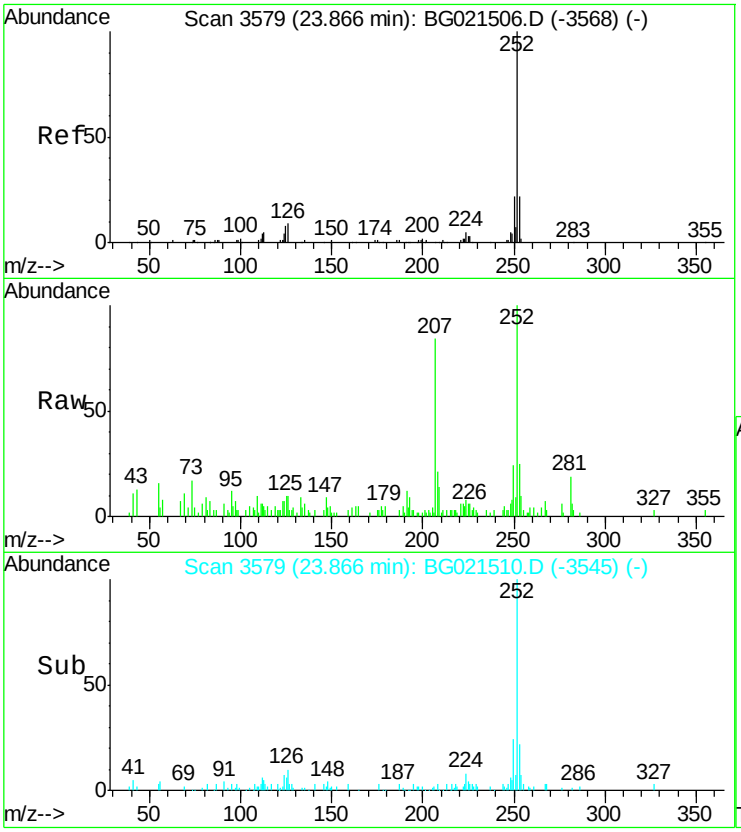


#85
Chrysene
Concen: 1.35 ng/ul
RT: 21.72 min Scan# 3213
Delta R.T. 0.00 min
Lab File: BG021510.D
Acq: 25 Mar 2016 11:40

Tgt Ion:228 Resp: 9299

Ion	Ratio	Lower	Upper
228	100		
226	33.5	23.4	35.2
229	24.1	16.2	24.2



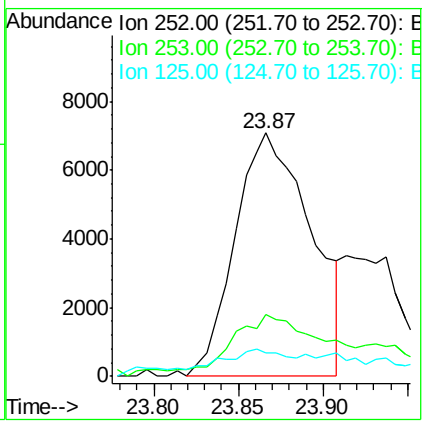


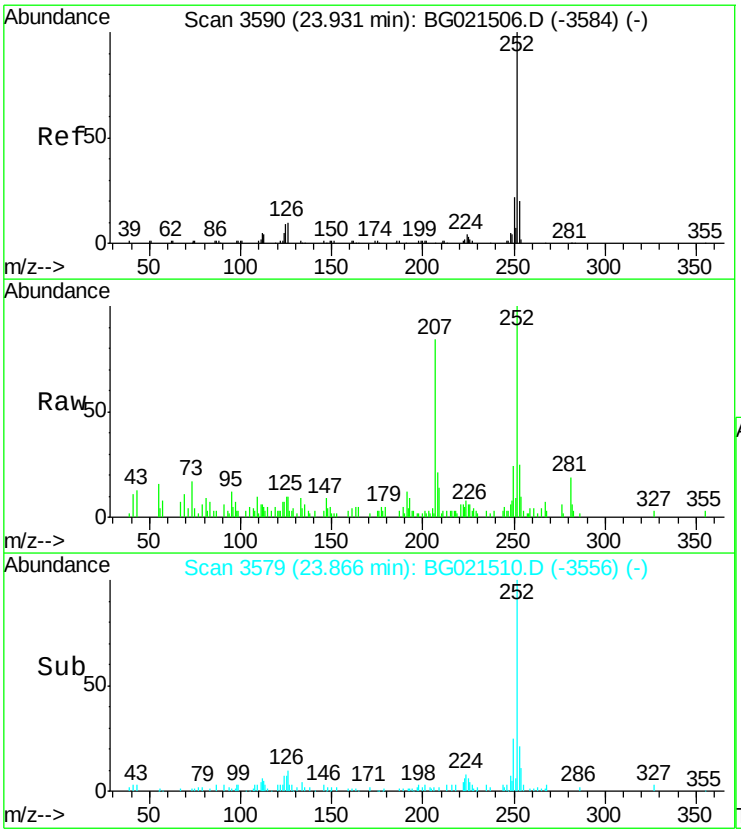
#88
Benzo(b)fluoranthene
Concen: 2.90 ng/ul
RT: 23.87 min Scan# 3579
Delta R.T. 0.00 min
Lab File: BG021510.D
Acq: 25 Mar 2016 11:40

Instrument :
BNA_G
ClientSampleId :
A4T45MS

Tgt Ion:252 Resp: 22119

Ion	Ratio	Lower	Upper
252	100		
253	25.2	18.1	27.1
125	9.8	7.6	11.4

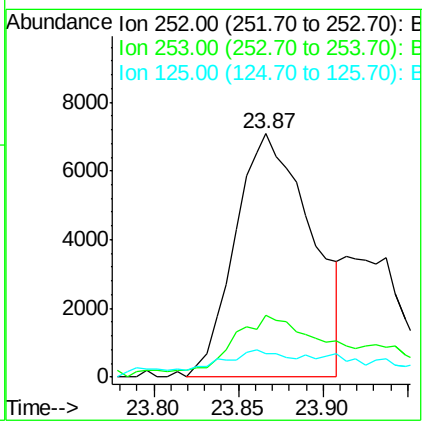


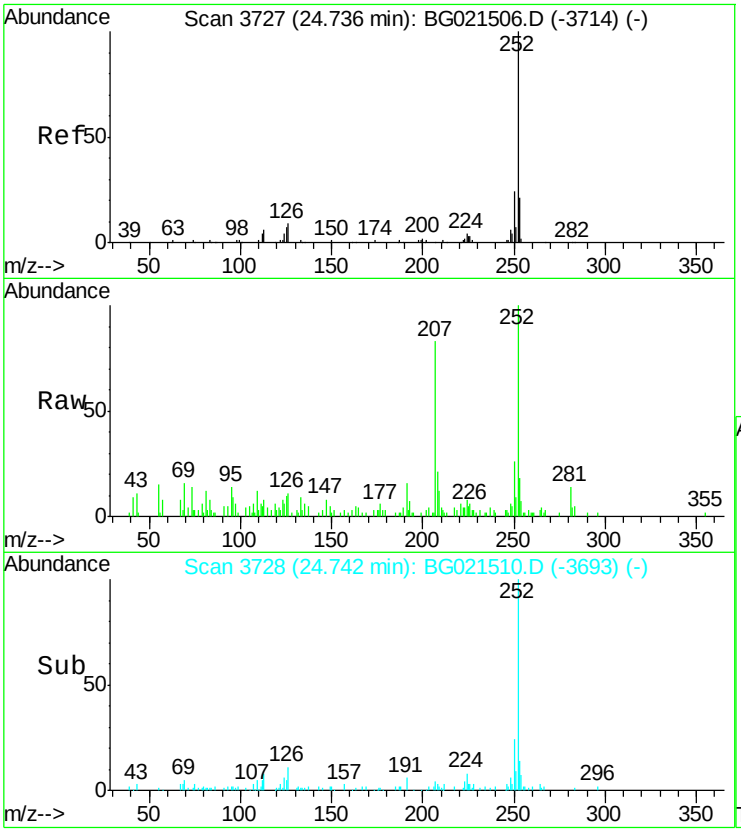


#89
Benzo(k)fluoranthene
Concen: 2.95 ng/ul
RT: 23.87 min Scan# 3579
Delta R.T. -0.06 min
Lab File: BG021510.D
Acq: 25 Mar 2016 11:40

Tgt Ion:252 Resp: 22119

Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.8	26.8
125	9.8	7.7	11.5



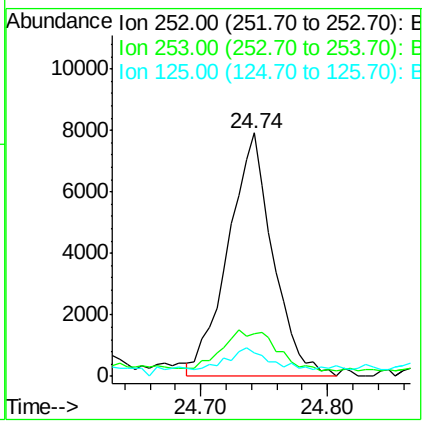


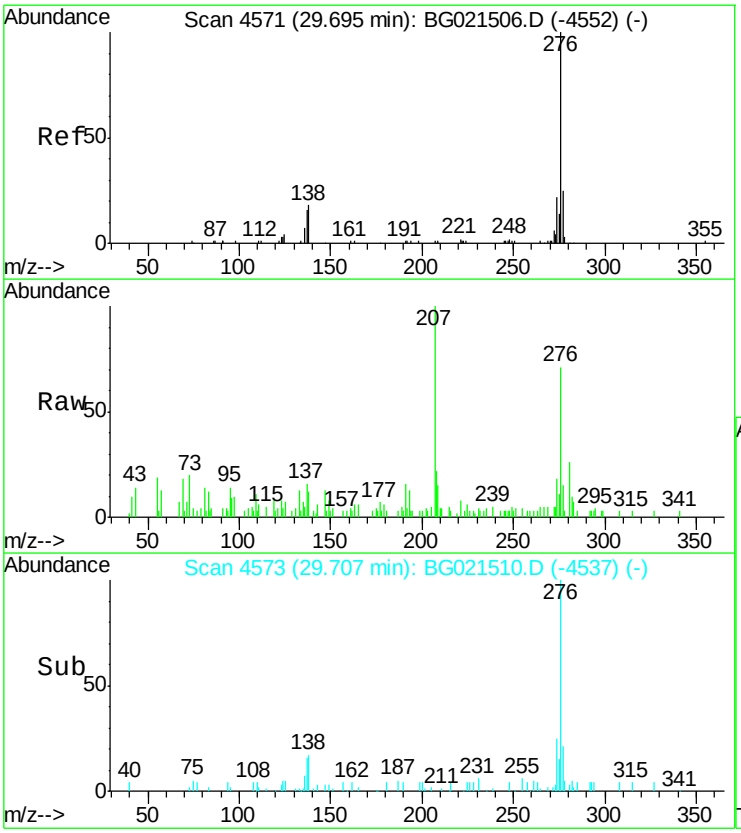
#91
Benzo(a)pyrene
Concen: 2.61 ng/ul
RT: 24.74 min Scan# 3728
Delta R.T. 0.01 min
Lab File: BG021510.D
Acq: 25 Mar 2016 11:40

Instrument :
BNA_G
ClientSampleId :
A4T45MS

Tgt Ion:252 Resp: 19361

Ion	Ratio	Lower	Upper
252	100		
253	17.7	17.4	26.0
125	9.6	8.2	12.2





#94
Benzo(g,h,i)perylene
Concen: 1.55 ng/ul
RT: 29.71 min Scan# 4573
Delta R.T. 0.01 min
Lab File: BG021510.D
Acq: 25 Mar 2016 11:40

Tgt Ion:276 Resp: 10756

Ion	Ratio	Lower	Upper
276	100		
138	17.5	13.9	20.9
277	21.3	19.8	29.6