Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101515\
Data File : BG019218.D
Acq On : 15 Oct 2015 23:01
Operator : UM/NP
Sample : G3966-23MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LJ5MSD

Quant Time: Oct 16 04:10:00 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 16 04:07:16 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	18377	20.00	ng/ul	0.00
18) Naphthalene-d8	10.82	136	85622	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.64	164	68116	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.48	188	189441	20.00	ng/ul	0.10
78) Chrysene-d12	21.76	240	219	20.00	ng/ul	0.10
86) Perylene-d12	24.85	264	165666	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.44	96	3408	10.33	ng/uL	0.00
5) Phenol-d5	7.19	99	10582	6.60	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.33	67	25945	25.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	27946	23.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	21373	15.73	ng/ul	0.02
19) Nitrobenzene-d5	9.17	128	17575	26.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	20191	28.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.45	165	38658	27.88	ng/ul	0.00
29) 4-Chloroaniline-d4	10.96	131	2619	1.47	ng/ul	0.01
44) Dimethylphthalate-d6	14.05	166	140123	23.52	ng/ul	0.00
47) Acenaphthylene-d8	14.34	160	156289	24.27	ng/ul	0.00
52) 4-Nitrophenol-d4	14.85	143	392	0.37	ng/ul	0.00
58) Fluorene-d10	15.63	176	121761	23.91	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.75	200	27030	23.13	ng/ul	0.00
71) Anthracene-d10	17.48	188	189104	21.13	ng/ul	0.00
79) Pyrene-d10	19.77	212	215060	21650.62	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.64	264	240409	28.73	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.21	94	11499	6.89	ng/ul#	81
10) 2-Chlorophenol	7.58	128	27640	23.03	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.81	70	30580	26.09	ng/ul	88
17) Hexachloroethane	9.11	117	519	1.00	ng/ul#	1
27) 2,4-Dichlorophenol	10.46	162	4843	3.46	ng/ul#	49
33) 4-Chloro-3-methylphenol	12.11	107	44522	25.24	ng/ul	87
35) 1-Methylnaphthalene	12.68	142	6221	1.79	ng/ul#	86
43) 2-Nitroaniline	13.71	65	1681	1.04	ng/ul#	36
50) Acenaphthene	14.71	153	106012	22.29	ng/ul	96
55) 2,4-Dinitrotoluene	15.01	165	40847	22.00	ng/ul#	84
57) Diethylphthalate	15.46	149	12625	2.03	ng/ul#	88
61) 4-Nitroaniline	15.59	138	1513	1.16	ng/ul	93
69) Pentachlorophenol	17.04	266	34993	27.44	ng/ul	94
80) Pyrene	19.91	202	352	27.08	ng/ul#	70
81) Butylbenzylphthalate	20.78	149	284	60.08	ng/ul#	1
82) 3,3'-Dichlorobenzidine	21.63	252	120	30.00	ng/ul#	1
83) Benzo(a)anthracene	21.74	228	205	16.57	ng/ul#	1
84) Bis(2-ethylhexyl)phthalate	21.65	149	89	13.62	ng/ul#	1
85) Chrysene	21.82	228	137	11.71	ng/ul#	1

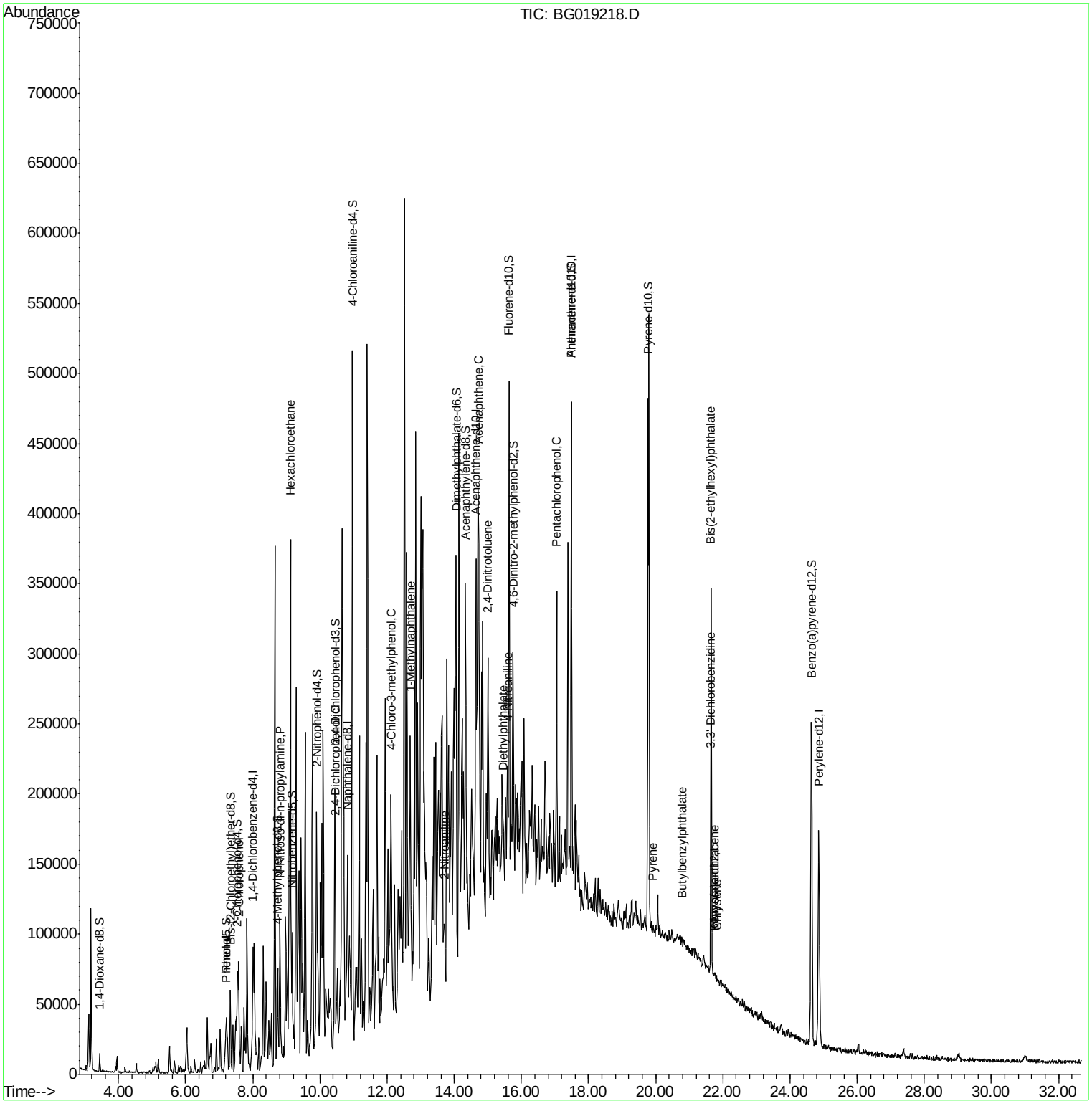
(#) = qualifier out of range (m) = manual integration (+) = signals summed

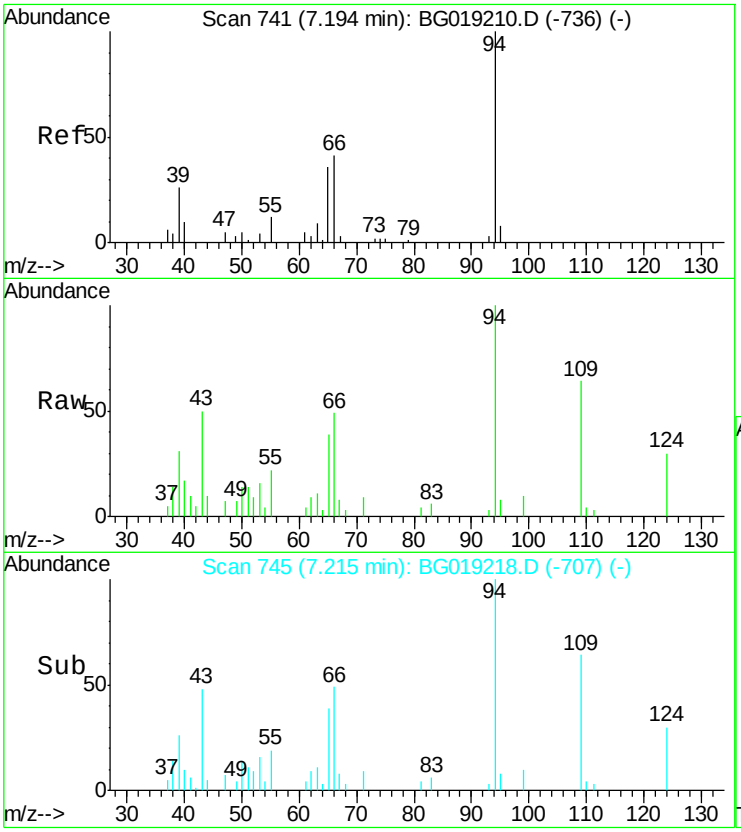
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101515\
Data File : BG019218.D
Acq On : 15 Oct 2015 23:01
Operator : UM/NP
Sample : G3966-23MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E5LJ5MSD

Quant Time: Oct 16 04:10:00 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 16 04:07:16 2015
Response via : Initial Calibration



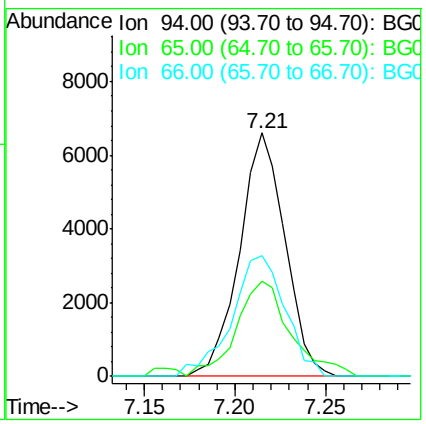


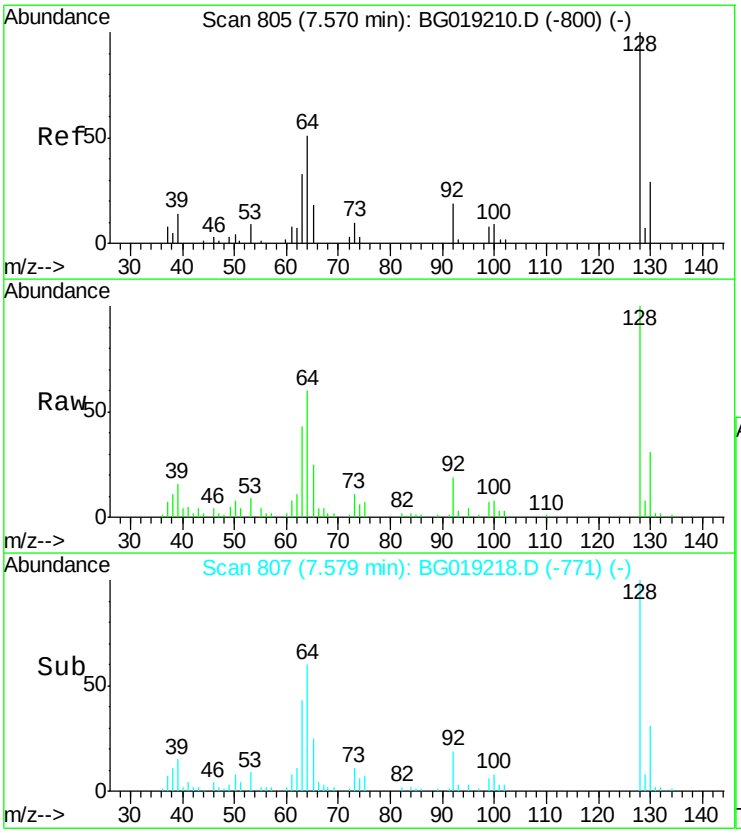
#6
Phenol
Concen: 6.89 ng/ul
RT: 7.21 min Scan# 745
Delta R.T. 0.02 min
Lab File: BG019218.D
Acq: 15 Oct 2015 23:01

Instrument :
BNA_G
ClientSampleId :
E5LJ5MSD

Tgt Ion: 94 Resp: 11499

Ion	Ratio	Lower	Upper
94	100		
65	39.3	24.9	37.3#
66	49.4	29.1	43.7#

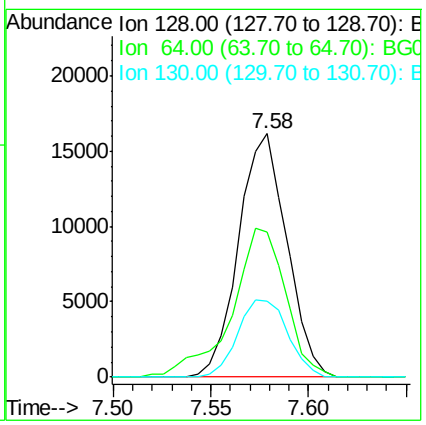


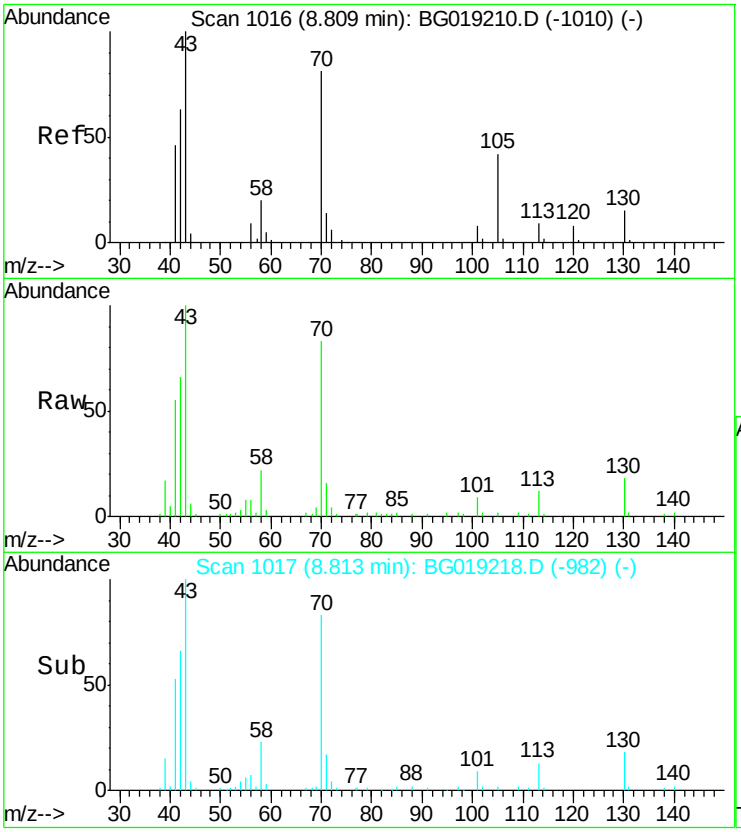


#10
2-Chlorophenol
Concen: 23.03 ng/ul
RT: 7.58 min Scan# 807
Delta R.T. 0.01 min
Lab File: BG019218.D
Acq: 15 Oct 2015 23:01

Tgt Ion:128 Resp: 27640

Ion	Ratio	Lower	Upper
128	100		
64	59.7	43.3	64.9
130	31.0	26.5	39.7



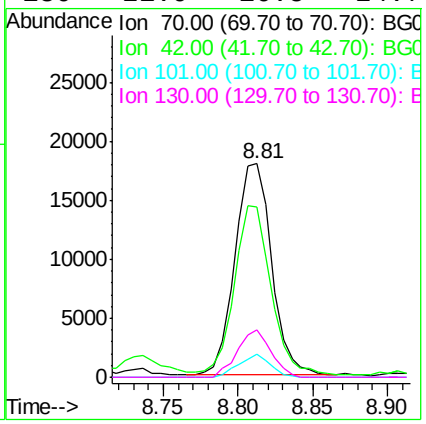


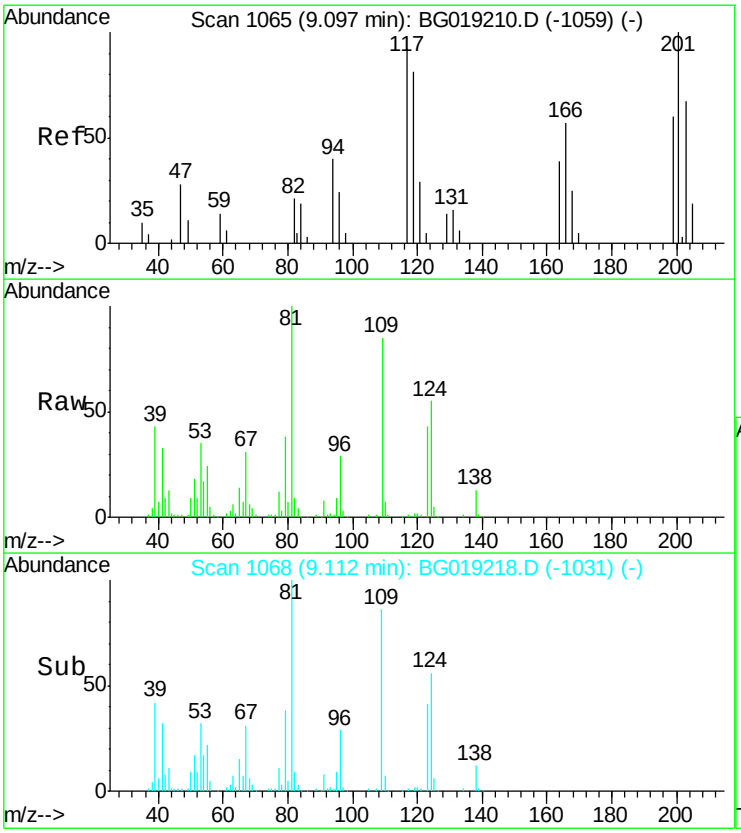
#15
N-Nitroso-di-n-propylamine
Concen: 26.09 ng/ul
RT: 8.81 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BG019218.D
Acq: 15 Oct 2015 23:01

Instrument :
BNA_G
ClientSampleId :
E5LJ5MSD

Tgt Ion: 70 Resp: 30580

Ion	Ratio	Lower	Upper
70	100		
42	79.6	53.6	80.4
101	10.8	7.9	11.9
130	21.9	16.5	24.7

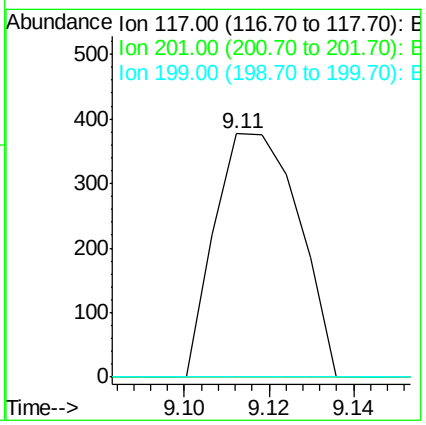


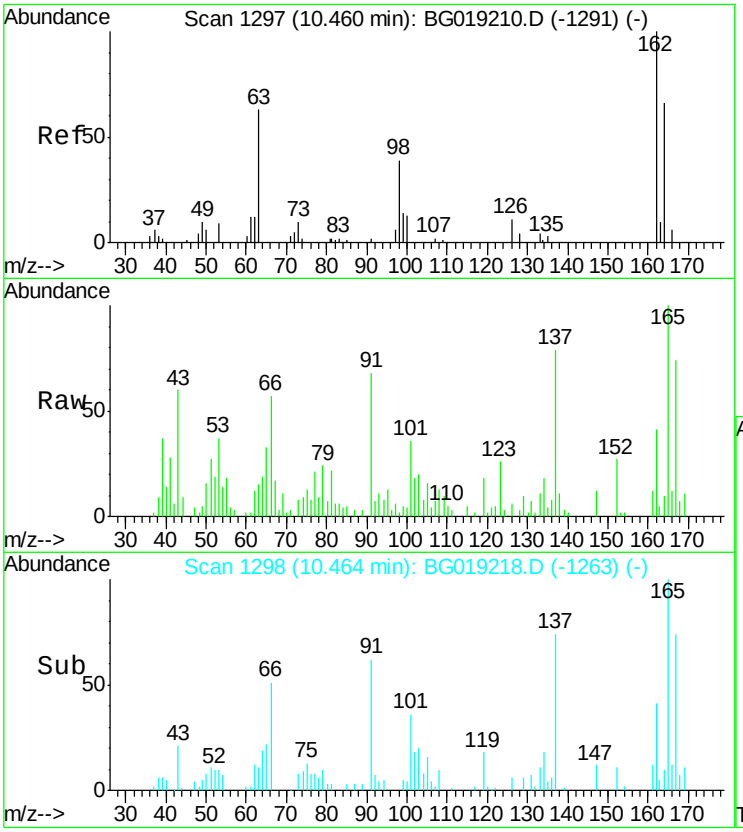


#17
Hexachloroethane
Concen: 1.00 ng/ul
RT: 9.11 min Scan# 1068
Delta R.T. 0.01 min
Lab File: BG019218.D
Acq: 15 Oct 2015 23:01

Tgt Ion:117 Resp: 519

Ion	Ratio	Lower	Upper
117	100		
201	0.0	91.4	137.0#
199	0.0	58.7	88.1#



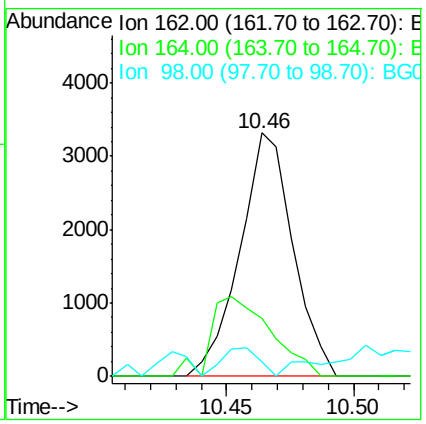


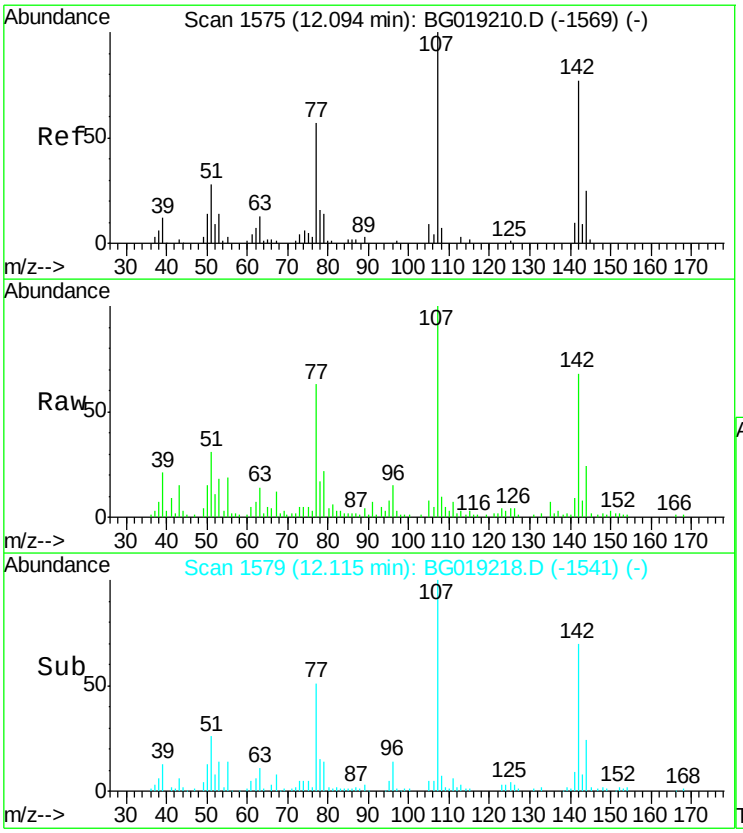
#27
2,4-Dichlorophenol
Concen: 3.46 ng/ul
RT: 10.46 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BG019218.D
Acq: 15 Oct 2015 23:01

Instrument :
BNA_G
ClientSampleId :
E5LJ5MSD

Tgt Ion:162 Resp: 4843

Ion	Ratio	Lower	Upper
162	100		
164	23.8	50.0	75.0#
98	5.7	29.0	43.6#

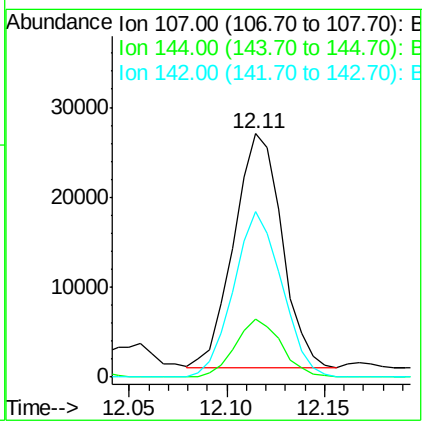


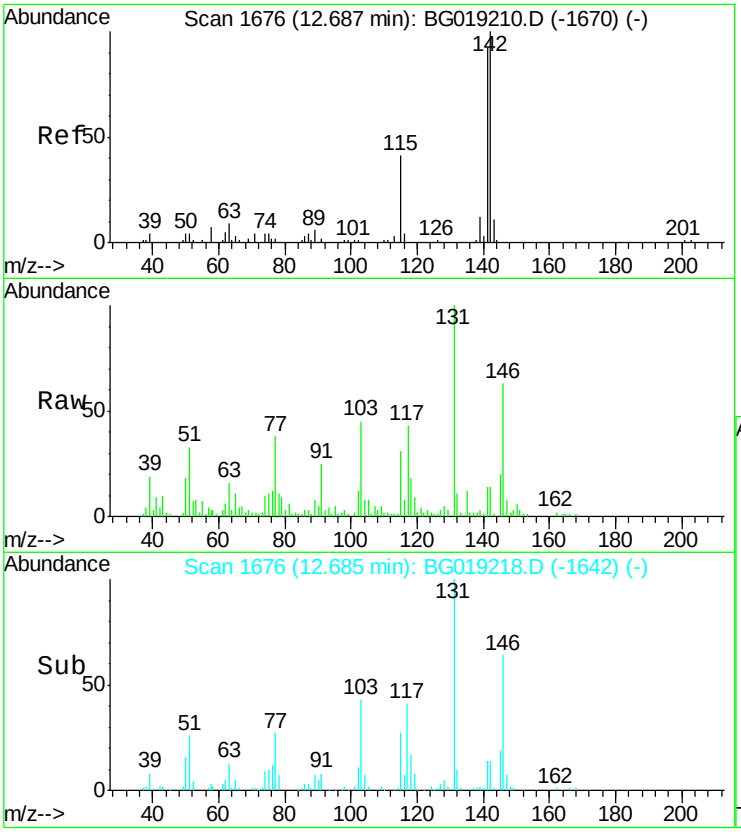


#33
4-Chloro-3-methylphenol
Concen: 25.24 ng/ul
RT: 12.11 min Scan# 1579
Delta R.T. 0.02 min
Lab File: BG019218.D
Acq: 15 Oct 2015 23:01

Tgt Ion:107 Resp: 44522

Ion	Ratio	Lower	Upper
107	100		
144	23.8	20.9	31.3
142	68.2	65.6	98.4



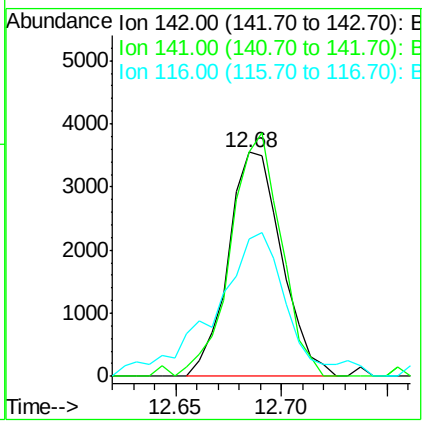


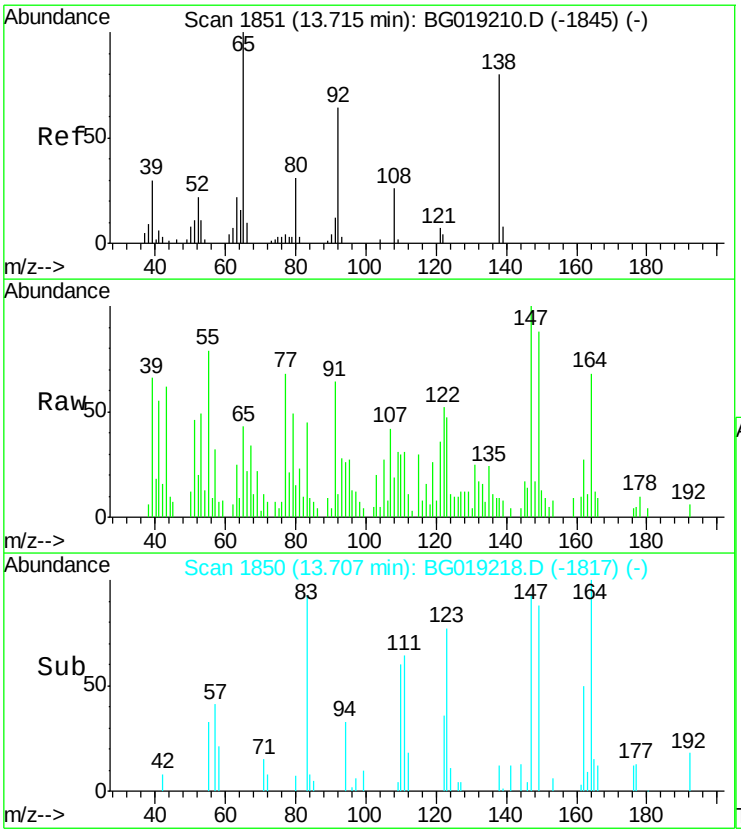
#35
1-Methylnaphthalene
Concen: 1.79 ng/ul
RT: 12.68 min Scan# 1676
Delta R.T. -0.00 min
Lab File: BG019218.D
Acq: 15 Oct 2015 23:01

Instrument :
BNA_G
ClientSampleId :
E5LJ5MSD

Tgt Ion:142 Resp: 6221

Ion	Ratio	Lower	Upper
142	100		
141	100.2	74.8	112.2
116	61.3	3.2	4.8#

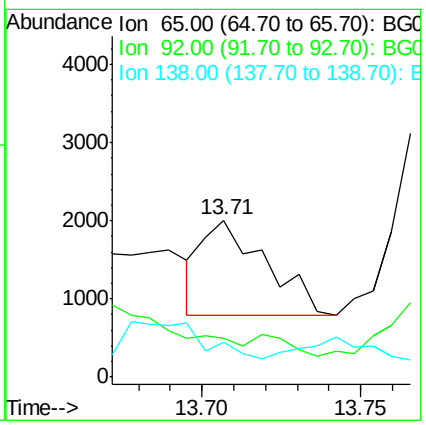


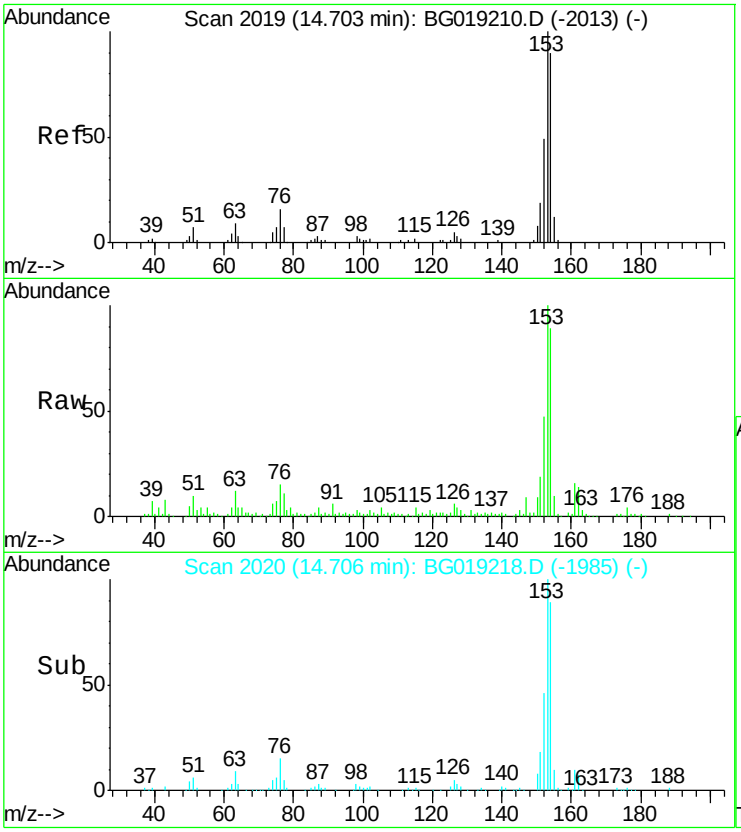


#43
2-Nitroaniline
Concen: 1.04 ng/ul
RT: 13.71 min Scan# 1850
Delta R.T. -0.01 min
Lab File: BG019218.D
Acq: 15 Oct 2015 23:01

Tgt Ion: 65 Resp: 1681

Ion	Ratio	Lower	Upper
65	100		
92	25.1	50.7	76.1#
138	22.0	74.9	112.3#



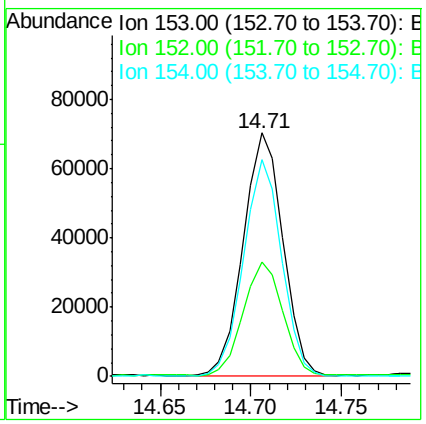


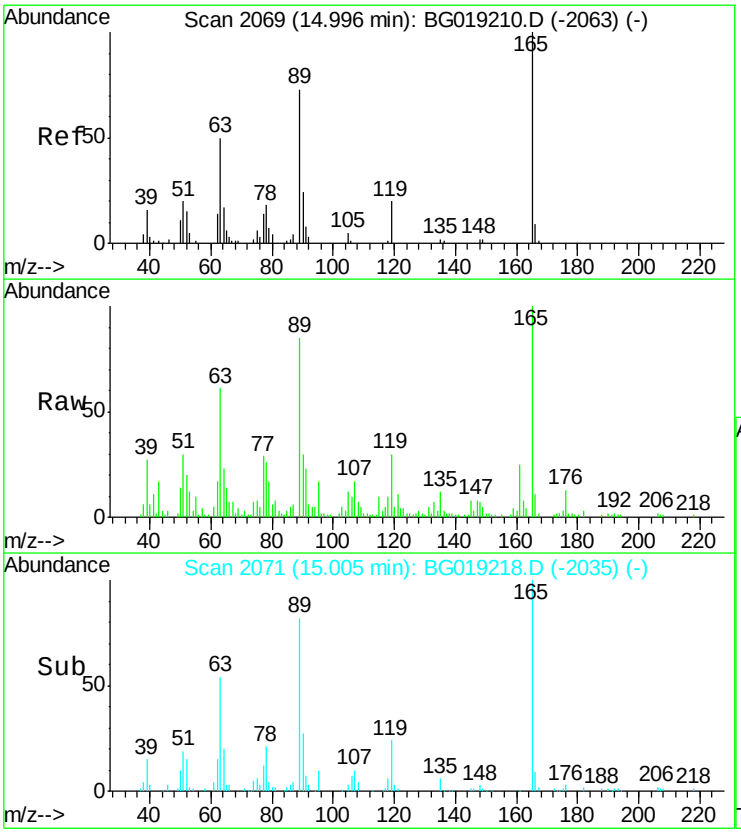
#50
Acenaphthene
Concen: 22.29 ng/ul
RT: 14.71 min Scan# 2020
Delta R.T. 0.00 min
Lab File: BG019218.D
Acq: 15 Oct 2015 23:01

Instrument :
BNA_G
ClientSampleId :
E5LJ5MSD

Tgt Ion:153 Resp: 106012

Ion	Ratio	Lower	Upper
153	100		
152	46.8	36.2	54.2
154	88.9	67.5	101.3

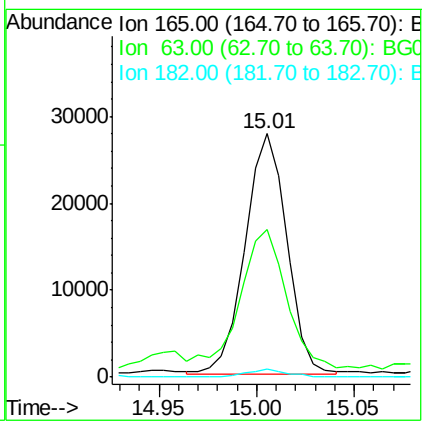


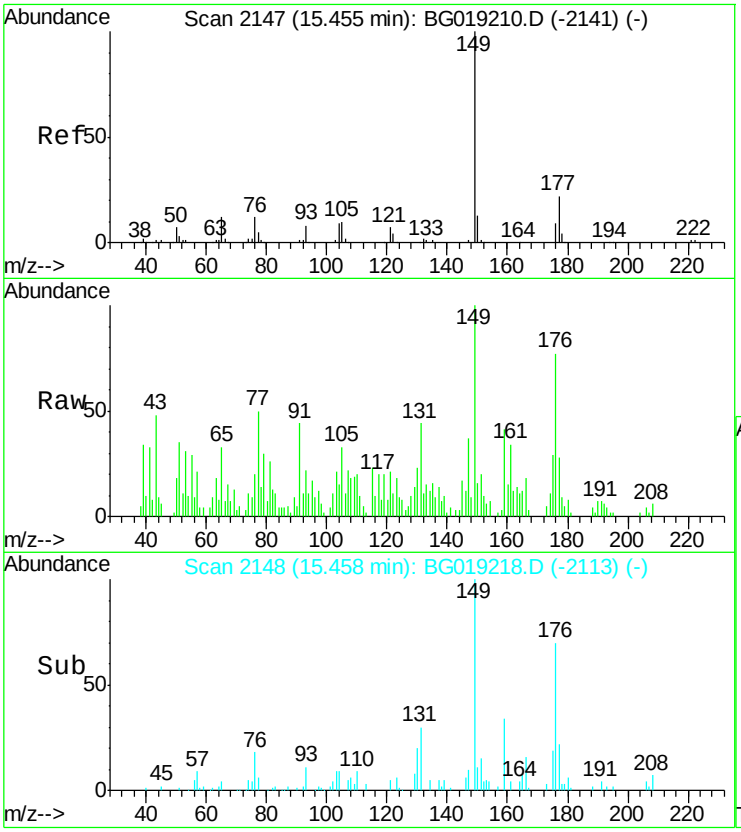


#55
2,4-Dinitrotoluene
Concen: 22.00 ng/ul
RT: 15.01 min Scan# 2071
Delta R.T. 0.01 min
Lab File: BG019218.D
Acq: 15 Oct 2015 23:01

Tgt Ion:165 Resp: 40847

Ion	Ratio	Lower	Upper
165	100		
63	60.7	39.5	59.3#
182	3.1	2.2	3.2



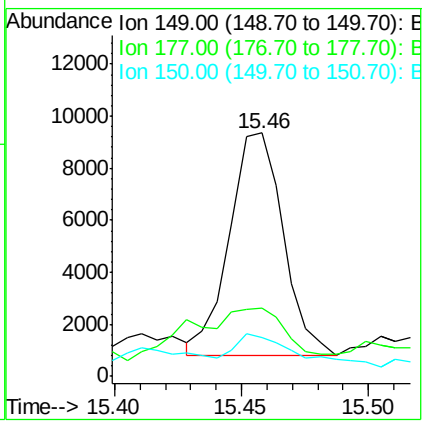


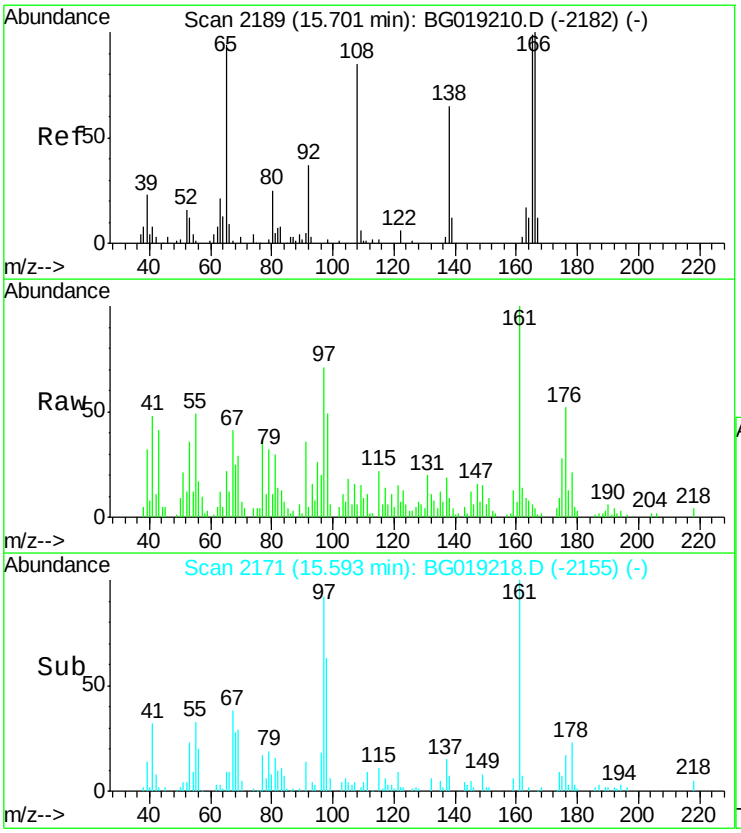
#57
Diethylphthalate
Concen: 2.03 ng/ul
RT: 15.46 min Scan# 2148
Delta R.T. 0.00 min
Lab File: BG019218.D
Acq: 15 Oct 2015 23:01

Instrument :
BNA_G
ClientSampleId :
E5LJ5MSD

Tgt Ion:149 Resp: 12625

Ion	Ratio	Lower	Upper
149	100		
177	28.1	17.4	26.0#
150	16.1	10.0	15.0#

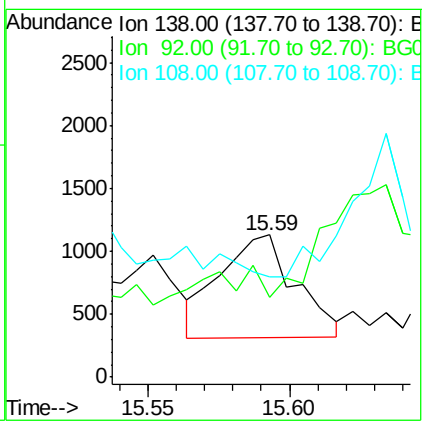


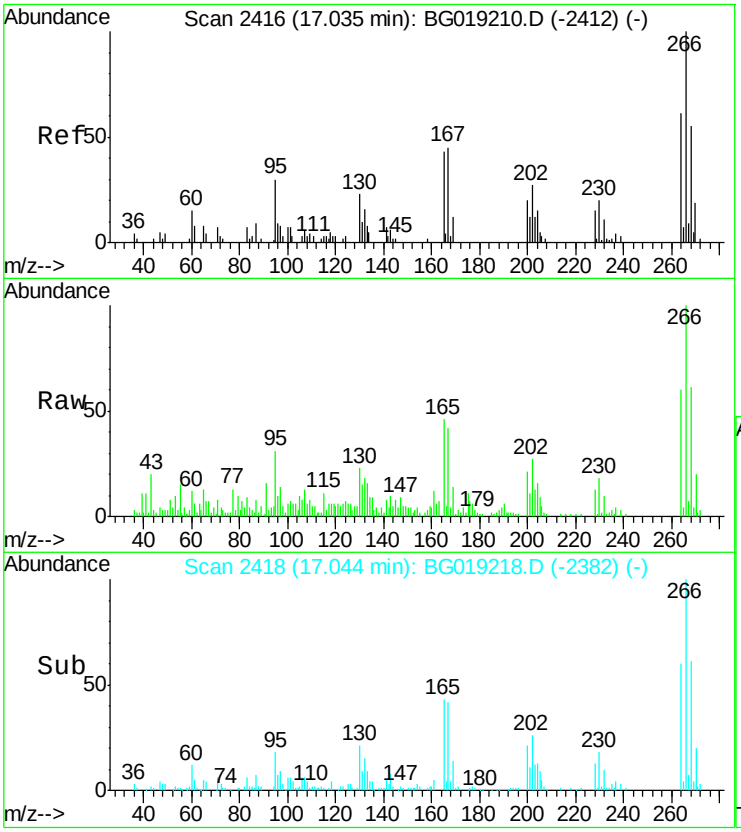


#61
4-Nitroaniline
Concen: 1.16 ng/ul
RT: 15.59 min Scan# 2171
Delta R.T. -0.11 min
Lab File: BG019218.D
Acq: 15 Oct 2015 23:01

Tgt Ion:138 Resp: 1513

Ion	Ratio	Lower	Upper
138	100		
92	55.7	47.4	71.2
108	70.4	62.8	94.2



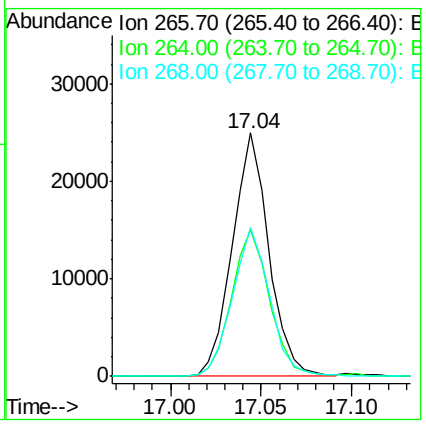


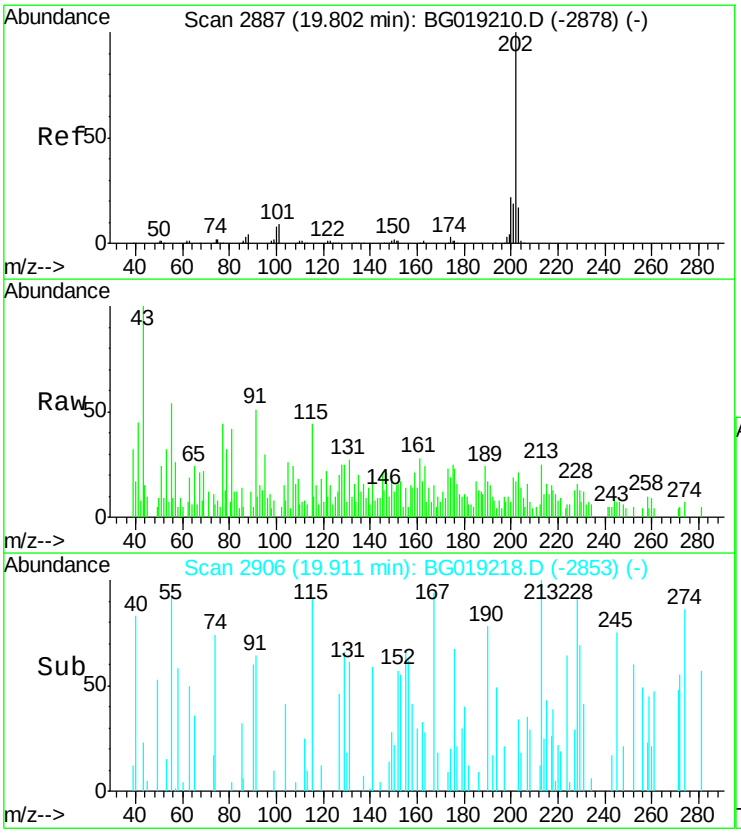
#69
Pentachlorophenol
Concen: 27.44 ng/ul
RT: 17.04 min Scan# 2418
Delta R.T. 0.01 min
Lab File: BG019218.D
Acq: 15 Oct 2015 23:01

Instrument :
BNA_G
ClientSampleId :
E5LJ5MSD

Tgt Ion:266 Resp: 34993

Ion	Ratio	Lower	Upper
266	100		
264	60.2	49.0	73.6
268	60.9	55.6	83.4

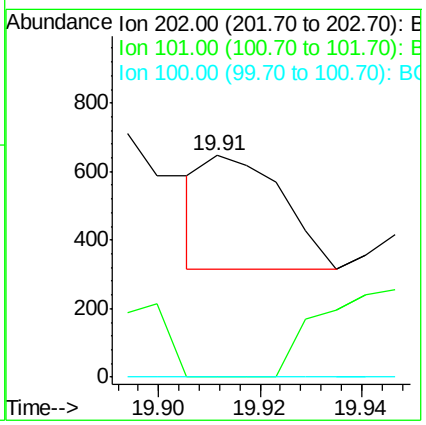


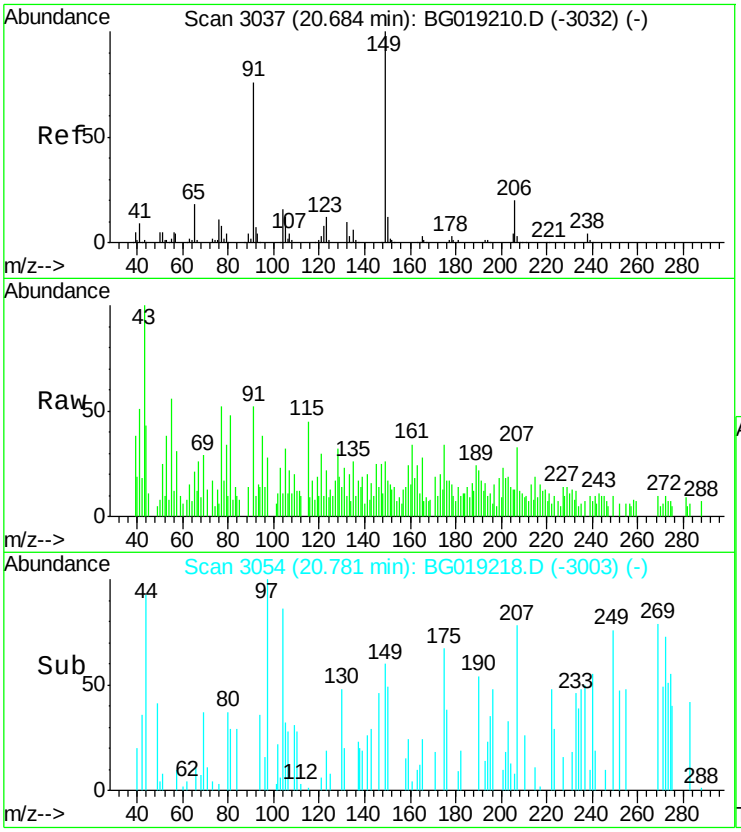


#80
Pyrene
Concen: 27.08 ng/ul
RT: 19.91 min Scan# 2906
Delta R.T. 0.11 min
Lab File: BG019218.D
Acq: 15 Oct 2015 23:01

Tgt Ion:202 Resp: 352

Ion	Ratio	Lower	Upper
202	100		
101	0.0	10.2	15.2#
100	0.0	8.5	12.7#



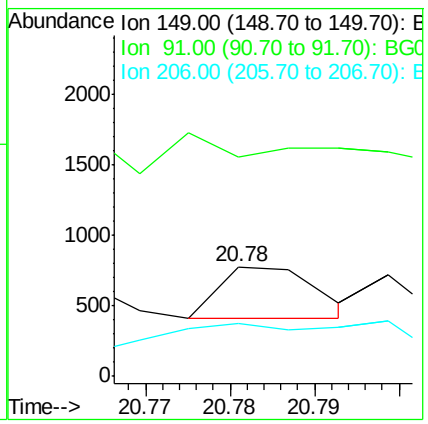


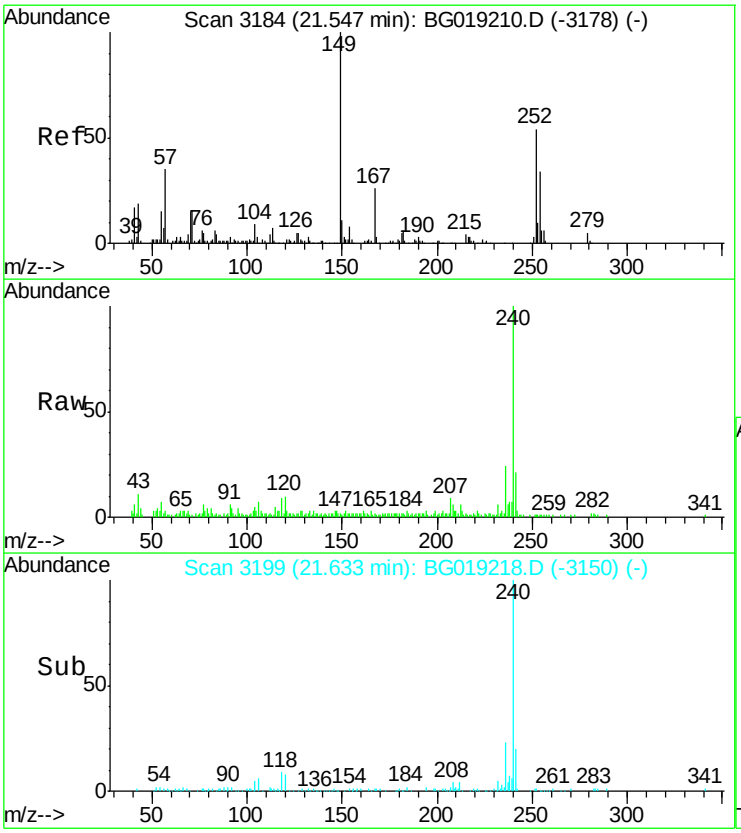
#81
Butylbenzylphthalate
Concen: 60.08 ng/ul
RT: 20.78 min Scan# 3054
Delta R.T. 0.10 min
Lab File: BG019218.D
Acq: 15 Oct 2015 23:01

Instrument :
BNA_G
ClientSampleId :
E5LJ5MSD

Tgt Ion:149 Resp: 284

Ion	Ratio	Lower	Upper
149	100		
91	200.4	59.1	88.7#
206	48.5	17.9	26.9#

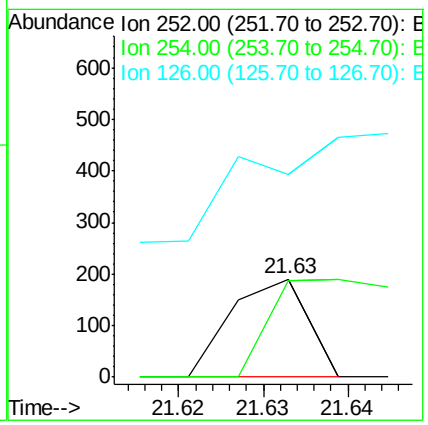


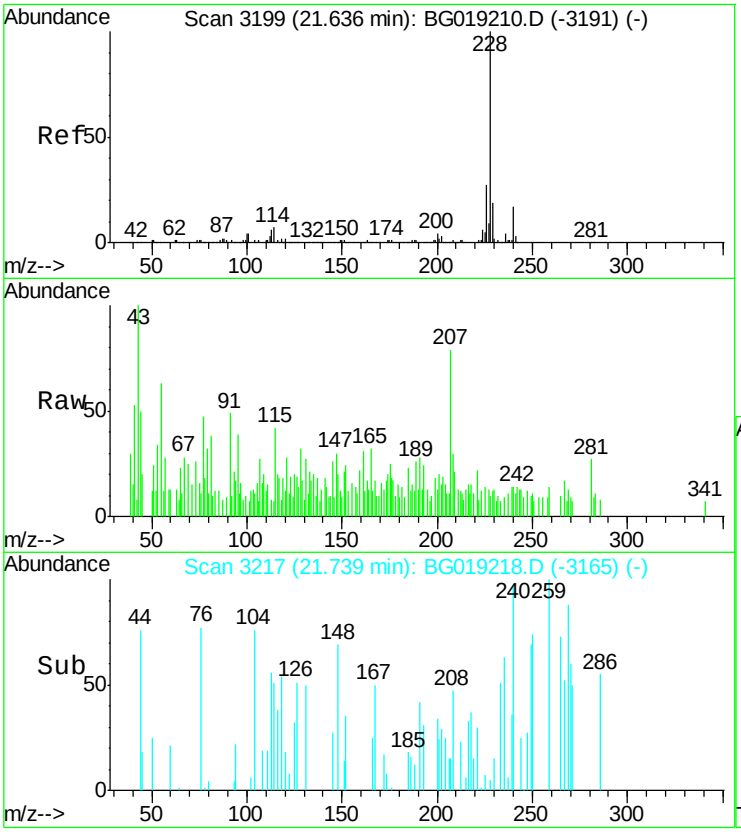


#82
3,3'-Dichlorobenzidine
Concen: 30.00 ng/ul
RT: 21.63 min Scan# 3199
Delta R.T. 0.09 min
Lab File: BG019218.D
Acq: 15 Oct 2015 23:01

Tgt Ion:252 Resp: 120

Ion	Ratio	Lower	Upper
252	100		
254	98.4	51.4	77.0#
126	206.8	7.9	11.9#



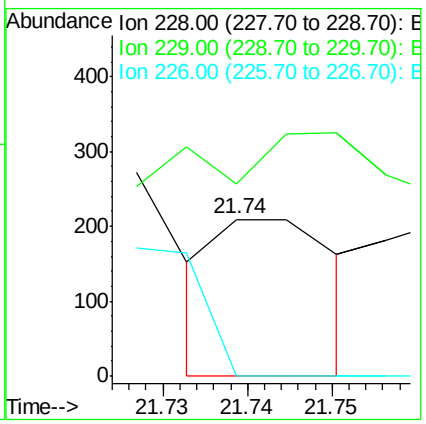


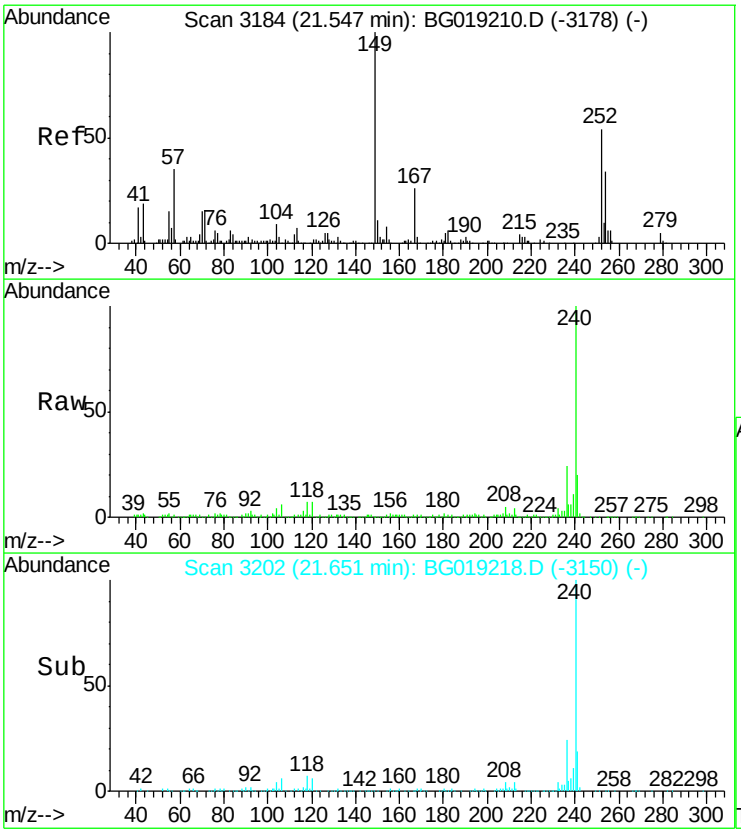
#83
Benzo(a)anthracene
Concen: 16.57 ng/ul
RT: 21.74 min Scan# 3217
Delta R.T. 0.10 min
Lab File: BG019218.D
Acq: 15 Oct 2015 23:01

Instrument :
BNA_G
ClientSampleId :
E5LJ5MSD

Tgt Ion:228 Resp: 205

Ion	Ratio	Lower	Upper
228	100		
229	122.5	16.6	24.8#
226	0.0	22.8	34.2#

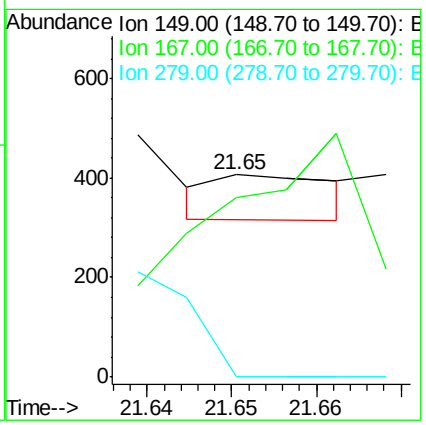


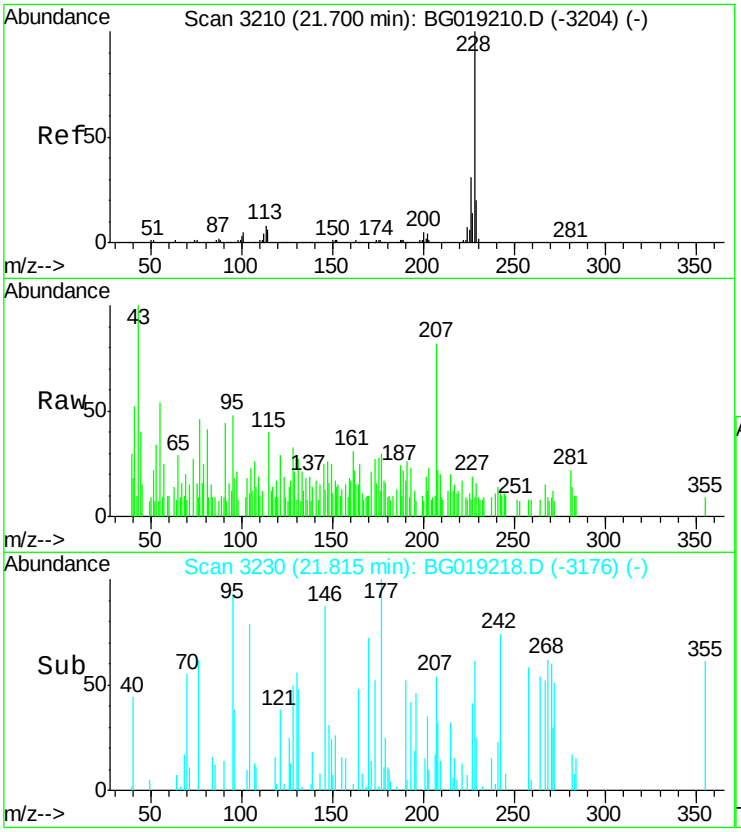


#84
Bis(2-ethylhexyl)phthalate
Concen: 13.62 ng/ul
RT: 21.65 min Scan# 3202
Delta R.T. 0.10 min
Lab File: BG019218.D
Acq: 15 Oct 2015 23:01

Tgt Ion:149 Resp: 89

Ion	Ratio	Lower	Upper
149	100		
167	88.9	22.8	34.2#
279	0.0	3.3	4.9#





#85
Chrysene
Concen: 11.71 ng/ul
RT: 21.82 min Scan# 3230
Delta R.T. 0.11 min
Lab File: BG019218.D
Acq: 15 Oct 2015 23:01

Instrument :
BNA_G
ClientSampleId :
E5LJ5MSD

Tgt Ion:228 Resp: 137

Ion	Ratio	Lower	Upper
228	100		
226	88.5	24.2	36.2#
229	183.5	15.6	23.4#