Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032416\
Data File : BG021486.D
Acq On : 24 Mar 2016 15:41
Operator : UM/SJ
Sample : H1909-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4T55

Quant Time: Mar 25 01:04:14 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 25 01:02:38 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	6818	20.00	ng/ul	0.01
18) Naphthalene-d8	10.87	136	34805	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	22688	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.51	188	94994	20.00	ng/ul	0.10
78) Chrysene-d12	21.67	240	65119	20.00	ng/ul	0.00
86) Perylene-d12	24.88	264	64434	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	376	2.47	ng/uL	0.01
5) Phenol-d5	7.34	99	15928	24.71	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.39	67	10950	28.68	ng/ul	0.01
9) 2-Chlorophenol-d4	7.64	132	13228	27.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	14467	26.20	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	7286	27.90	ng/ul	0.00
22) 2-Nitrophenol-d4	9.95	143	7015	23.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	13407	25.13	ng/ul	0.01
29) 4-Chloroaniline-d4	11.02	131	3307	4.74	ng/ul	0.01
44) Dimethylphthalate-d6	14.08	166	36680	19.42	ng/ul	0.00
47) Acenaphthylene-d8	14.37	160	68500	29.42	ng/ul	0.00
52) 4-Nitrophenol-d4	15.08	143	6388	21.16	ng/ul	0.00
58) Fluorene-d10	15.66	176	52131	30.61	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.79	200	4525	7.21	ng/ul	0.00
71) Anthracene-d10	17.51	188	94994	20.41	ng/ul	0.00
79) Pyrene-d10	19.79	212	115588	38.06	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.66	264	120210	40.42	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	7.21	77	17528	44.63	ng/ul	98
10) 2-Chlorophenol	7.67	128	2378	4.73	ng/ul#	89
23) 2-Nitrophenol	9.99	139	10878	33.01	ng/ul	95
28) Naphthalene	10.92	128	13495	7.31	ng/ul	96
30) 4-Chloroaniline	10.92	127	1616	2.21	ng/ul#	1
31) Hexachlorobutadiene	11.19	225	6724	16.48	ng/ul	93
33) 4-Chloro-3-methylphenol	12.24	107	11967	17.69	ng/ul	100
35) 1-Methylnaphthalene	12.73	142	18659	14.04	ng/ul#	98
37) 1,2,4,5-Tetrachlorobenzene	12.88	216	5512	6.94	ng/ul#	91
39) 2,4,6-Trichlorophenol	13.15	196	8127	17.41	ng/ul#	91
41) 1,1'-Biphenyl	13.51	154	41751	22.50	ng/ul	94
45) Dimethylphthalate	14.12	163	37809	19.26	ng/ul	98
46) 2,6-Dinitrotoluene	14.26	165	6133	15.31	ng/ul	96
54) Dibenzofuran	15.08	168	21901	9.82	ng/ul#	78
64) 4,6-Dinitro-2-methylphenol	15.80	198	3582	5.41	ng/ul#	99
67) Hexachlorobenzene	16.72	284	6318	5.40	ng/ul	93
69) Pentachlorophenol	17.09	266	3313	10.70	ng/ul	94
70) Phenanthrene	17.55	178	36481	6.78	ng/ul	99
72) Anthracene	17.55	178	36481	6.66	ng/ul	97
76) Di-n-butylphthalate	18.36	149	49413	8.09	ng/ul	98
80) Pyrene	19.82	202	92971	23.96	ng/ul#	94
83) Benzo(a)anthracene	21.72	228	77555	19.73	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.53	149	56802	23.70	ng/ul	97

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032416\
Data File : BG021486.D
Acq On : 24 Mar 2016 15:41
Operator : UM/SJ
Sample : H1909-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4T55

Quant Time: Mar 25 01:04:14 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 25 01:02:38 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) Chrysene	21.72	228	77555	20.83	ng/ul	98
91) Benzo(a)pyrene	24.73	252	69261	17.24	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	28.52	276	90514	19.82	ng/ul#	94
93) Dibenzo(a,h)anthracene	28.58	278	47116	12.13	ng/ul#	95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032416\
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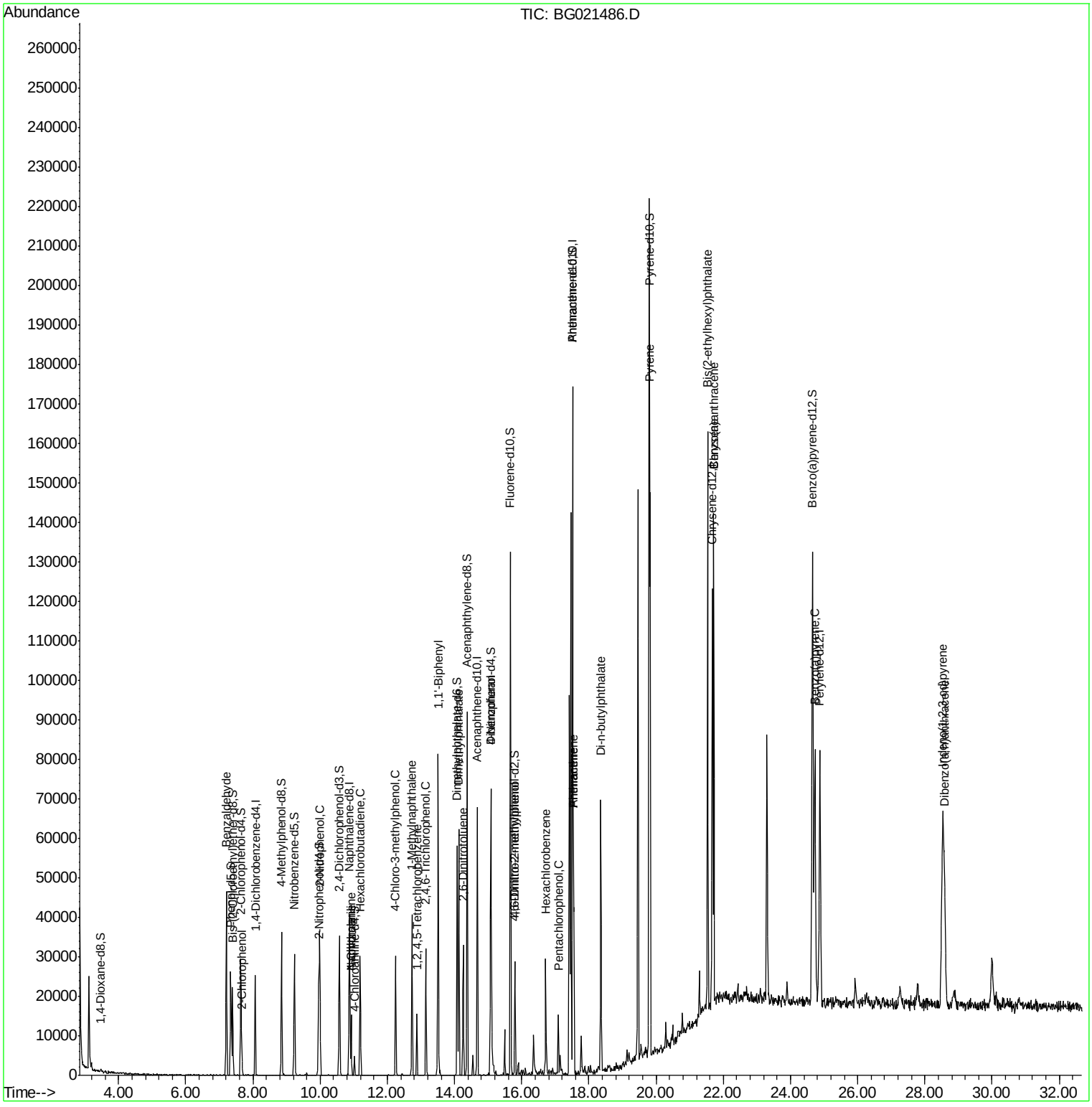
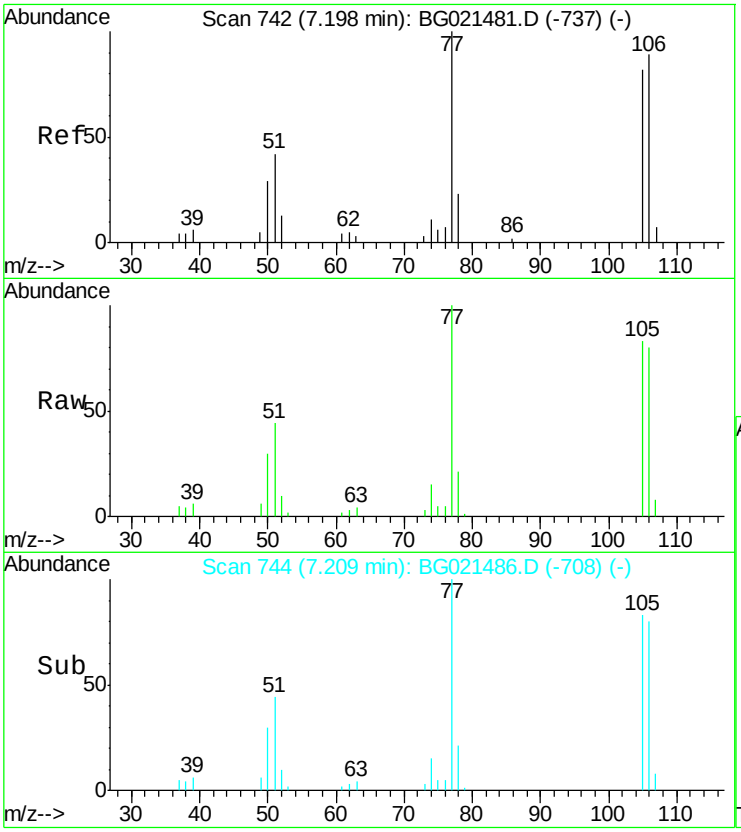
Response via : Initial Calibration



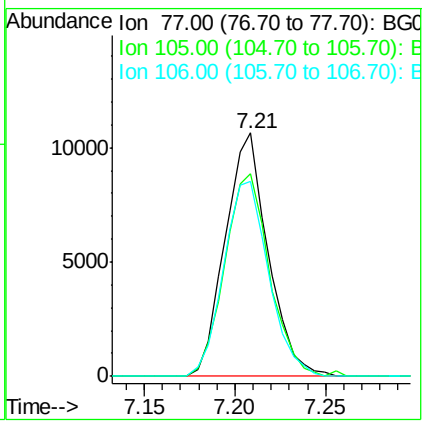


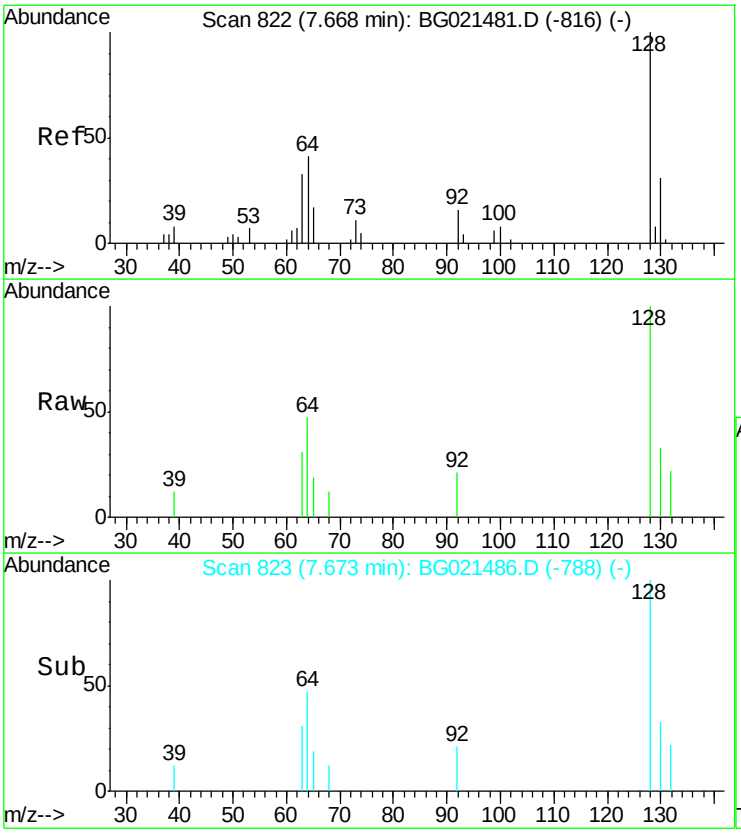
#4
Benzaldehyde
Concen: 44.63 ng/ul
RT: 7.21 min Scan# 744
Delta R.T. 0.01 min
Lab File: BG021486.D
Acq: 24 Mar 2016 15:41

Instrument :
BNA_G
ClientSampleId :
A4T55

Tgt Ion: 77 Resp: 17528

Ion	Ratio	Lower	Upper
77	100		
105	83.1	68.5	102.7
106	80.1	65.0	97.4

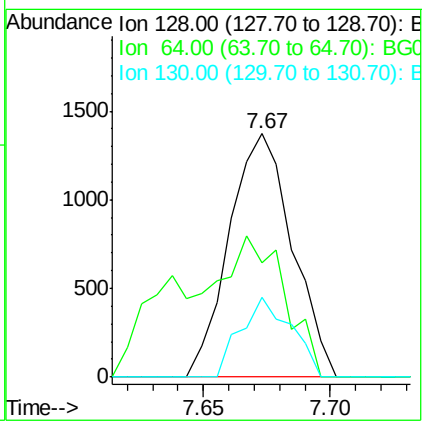


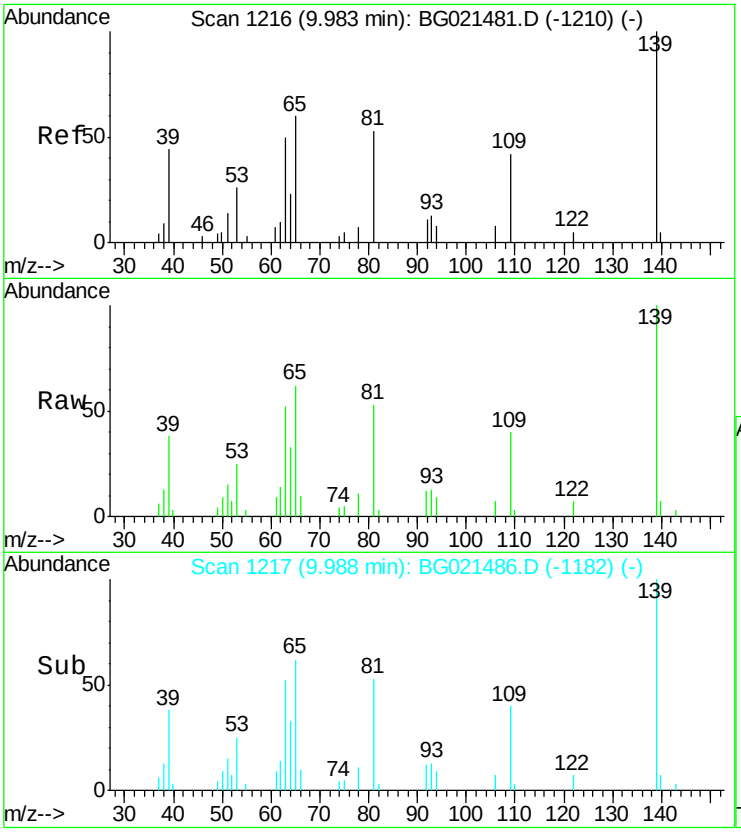


#10
2-Chlorophenol
Concen: 4.73 ng/ul
RT: 7.67 min Scan# 823
Delta R.T. 0.00 min
Lab File: BG021486.D
Acq: 24 Mar 2016 15:41

Tgt Ion:128 Resp: 2378

Ion	Ratio	Lower	Upper
128	100		
64	46.8	47.0	70.6#
130	32.9	27.8	41.6



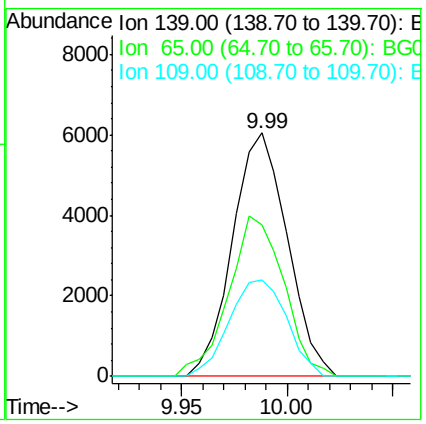


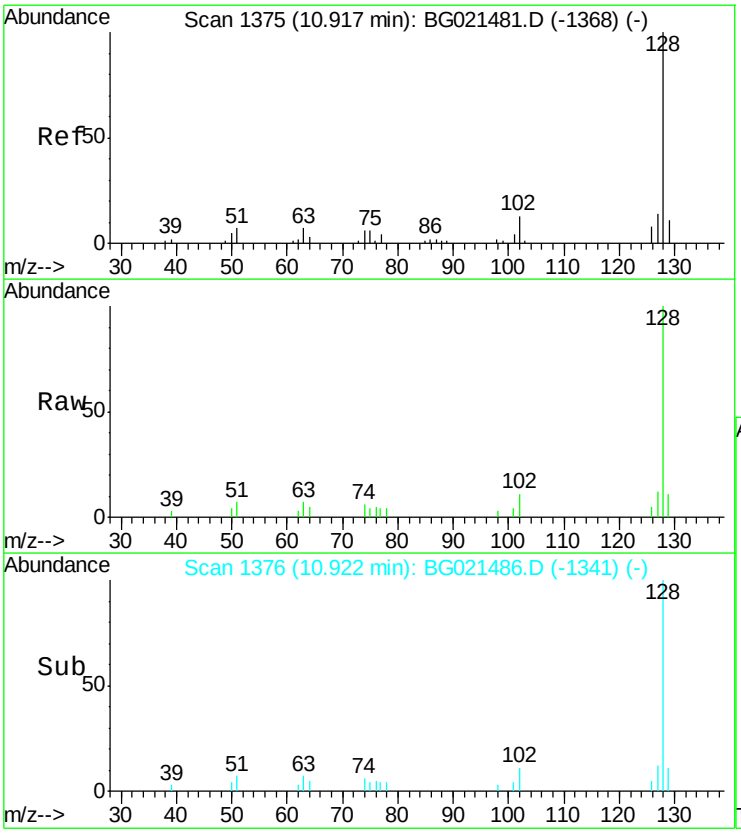
#23
2-Nitrophenol
Concen: 33.01 ng/ul
RT: 9.99 min Scan# 1217
Delta R.T. 0.00 min
Lab File: BG021486.D
Acq: 24 Mar 2016 15:41

Instrument :
BNA_G
ClientSampleId :
A4T55

Tgt Ion:139 Resp: 10878

Ion	Ratio	Lower	Upper
139	100		
65	62.4	55.0	82.4
109	39.8	31.4	47.2

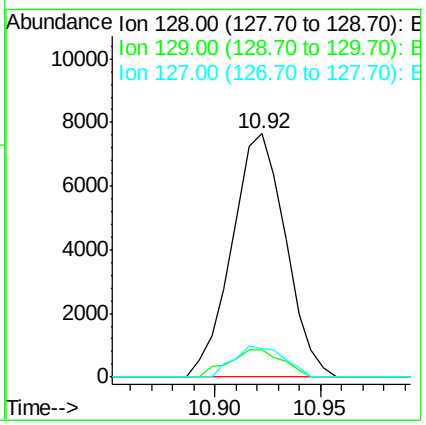


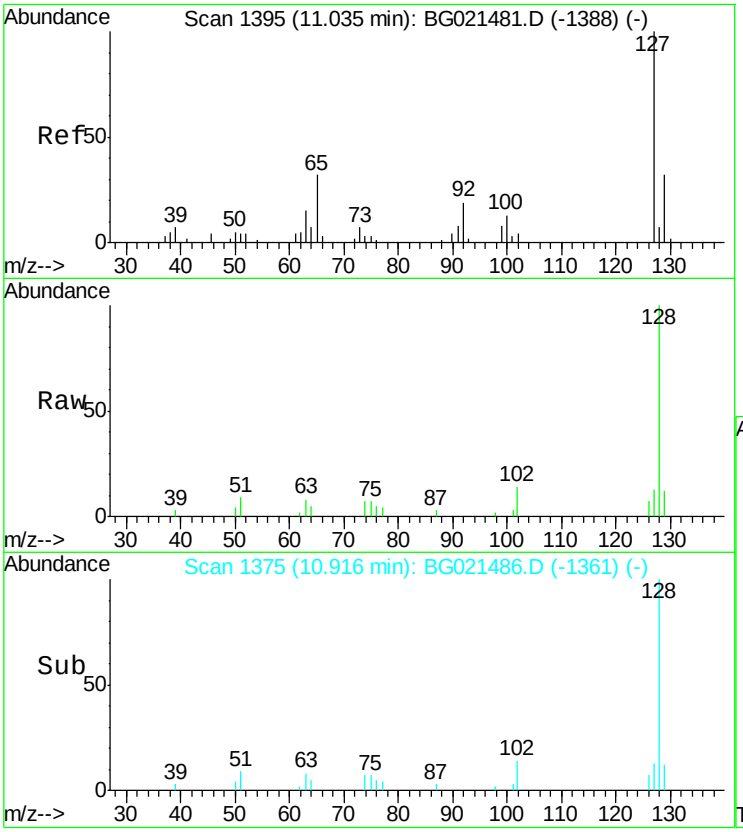


#28
Naphthalene
Concen: 7.31 ng/ul
RT: 10.92 min Scan# 1376
Delta R.T. 0.00 min
Lab File: BG021486.D
Acq: 24 Mar 2016 15:41

Tgt Ion:128 Resp: 13495

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.3	12.5
127	11.7	10.8	16.2



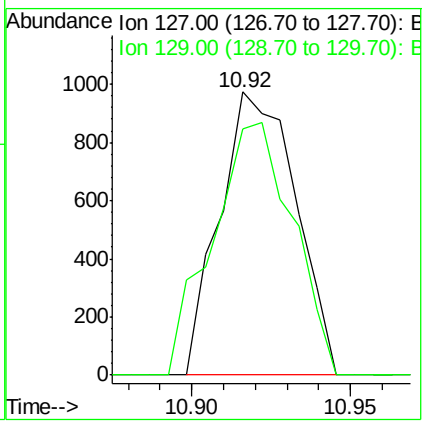


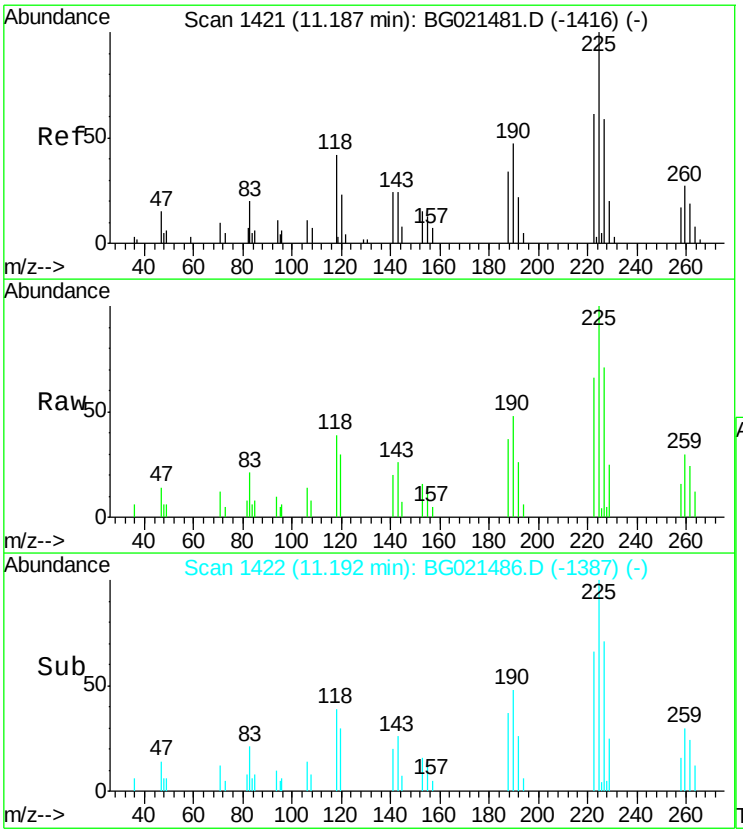
#30
4-Chloroaniline
Concen: 2.21 ng/ul
RT: 10.92 min Scan# 1375
Delta R.T. -0.12 min
Lab File: BG021486.D
Acq: 24 Mar 2016 15:41

Instrument :
BNA_G
ClientSampleId :
A4T55

Tgt Ion:127 Resp: 1616

Ion	Ratio	Lower	Upper
127	100		
129	86.8	24.8	37.2#

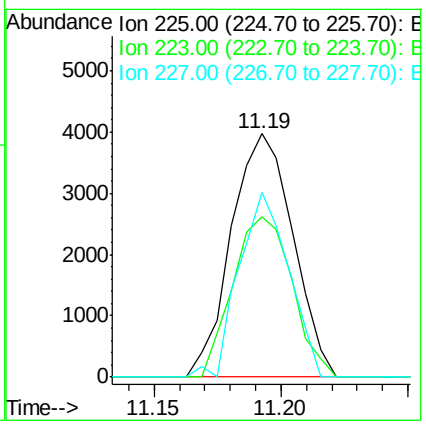


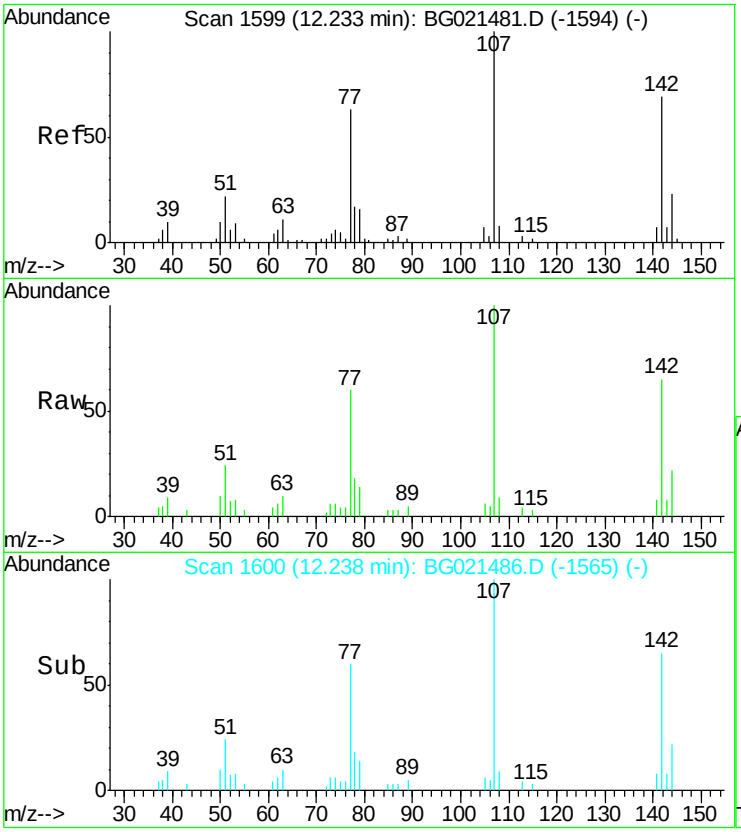


#31
Hexachlorobutadiene
Concen: 16.48 ng/ul
RT: 11.19 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BG021486.D
Acq: 24 Mar 2016 15:41

Tgt Ion:225 Resp: 6724

Ion	Ratio	Lower	Upper
225	100		
223	63.2	49.5	74.3
227	72.9	51.1	76.7



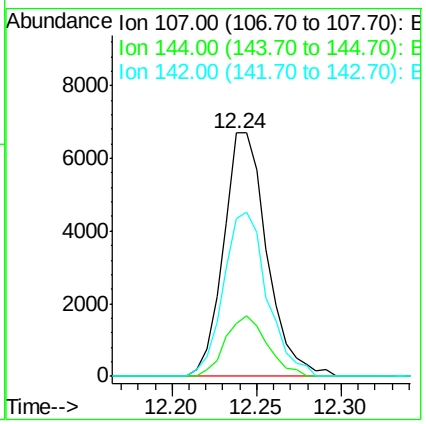


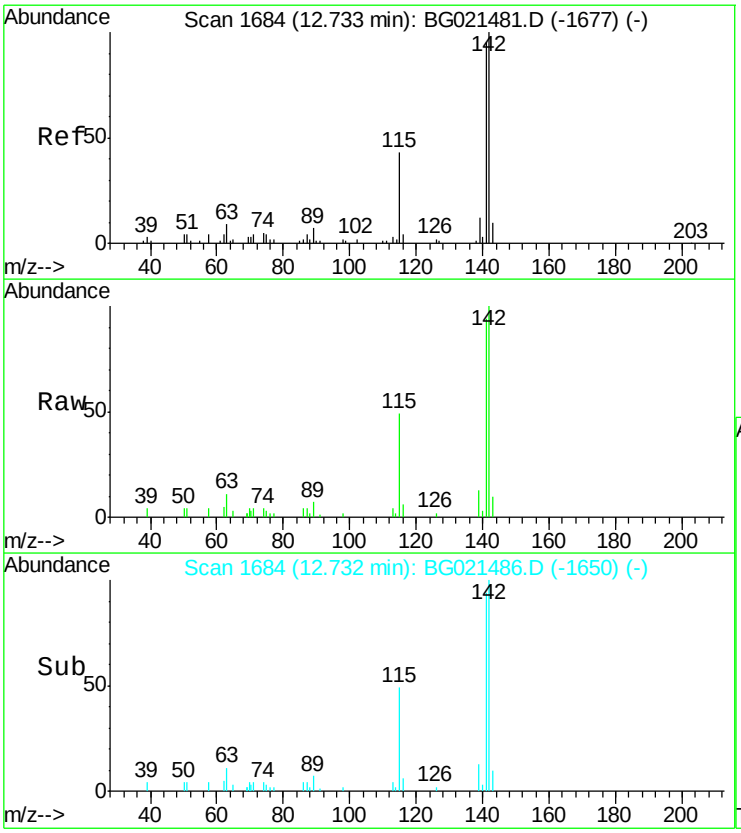
#33
4-Chloro-3-methylphenol
Concen: 17.69 ng/ul
RT: 12.24 min Scan# 1600
Delta R.T. 0.00 min
Lab File: BG021486.D
Acq: 24 Mar 2016 15:41

Instrument :
BNA_G
ClientSampleId :
A4T55

Tgt Ion:107 Resp: 11967

Ion	Ratio	Lower	Upper
107	100		
144	21.7	17.2	25.8
142	64.9	52.0	78.0

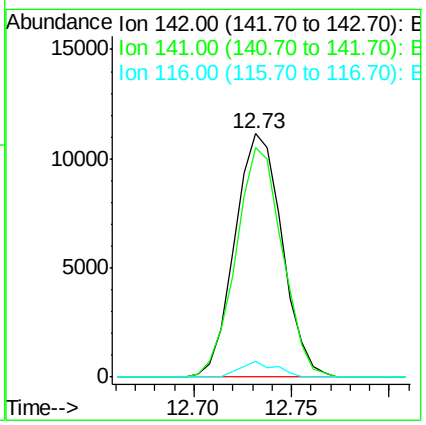


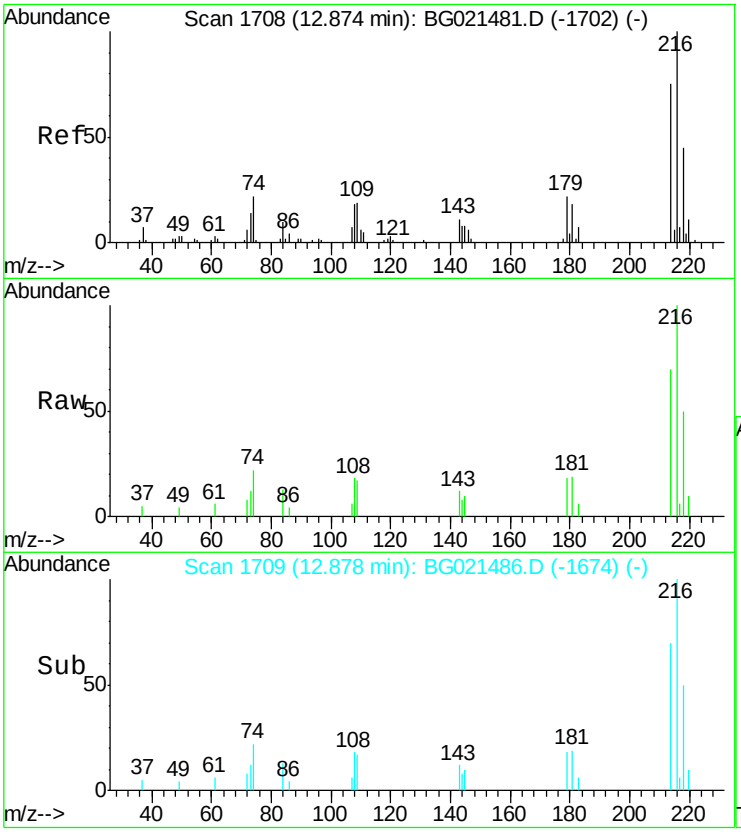


#35
1-Methylnaphthalene
Concen: 14.04 ng/ul
RT: 12.73 min Scan# 1684
Delta R.T. -0.00 min
Lab File: BG021486.D
Acq: 24 Mar 2016 15:41

Tgt Ion:142 Resp: 18659

Ion	Ratio	Lower	Upper
142	100		
141	94.4	77.0	115.4
116	6.4	4.2	6.4#



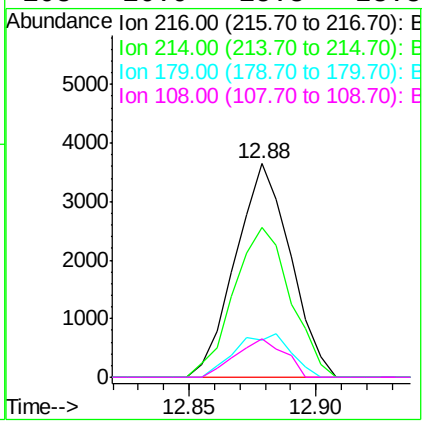


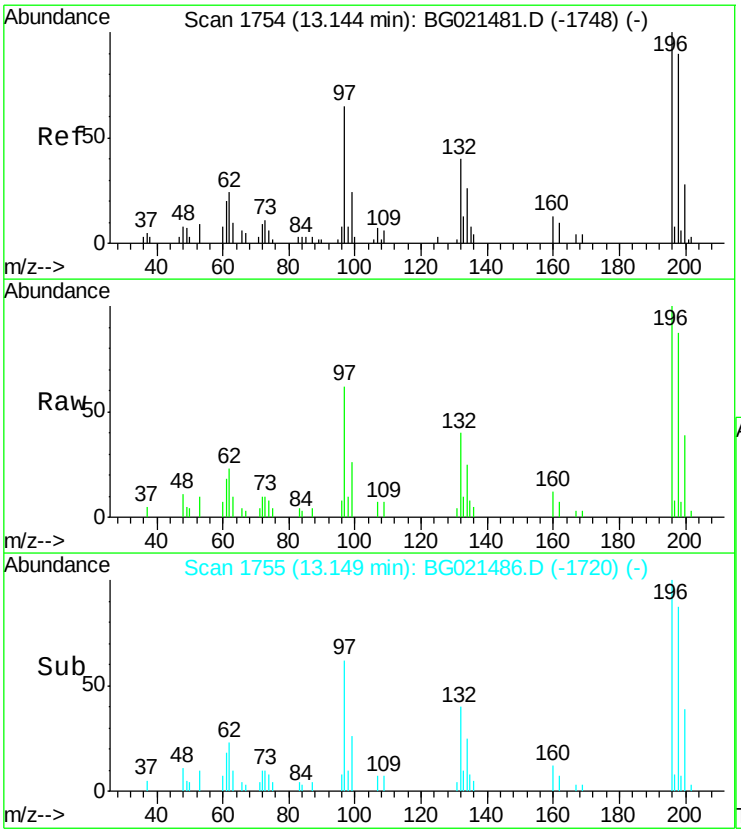
#37
1,2,4,5-Tetrachlorobenzene
Concen: 6.94 ng/ul
RT: 12.88 min Scan# 1709
Delta R.T. 0.00 min
Lab File: BG021486.D
Acq: 24 Mar 2016 15:41

Instrument :
BNA_G
ClientSampleId :
A4T55

Tgt Ion:216 Resp: 5512

Ion	Ratio	Lower	Upper
216	100		
214	66.0	57.8	86.8
179	16.5	19.5	29.3#
108	16.9	15.8	23.8

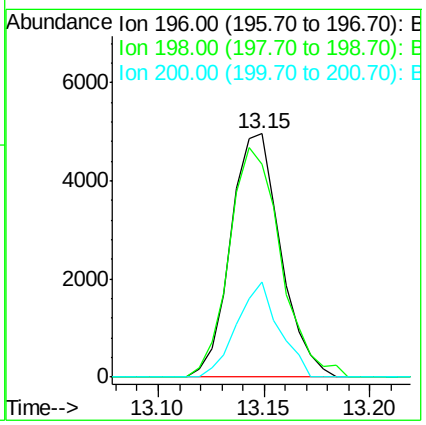


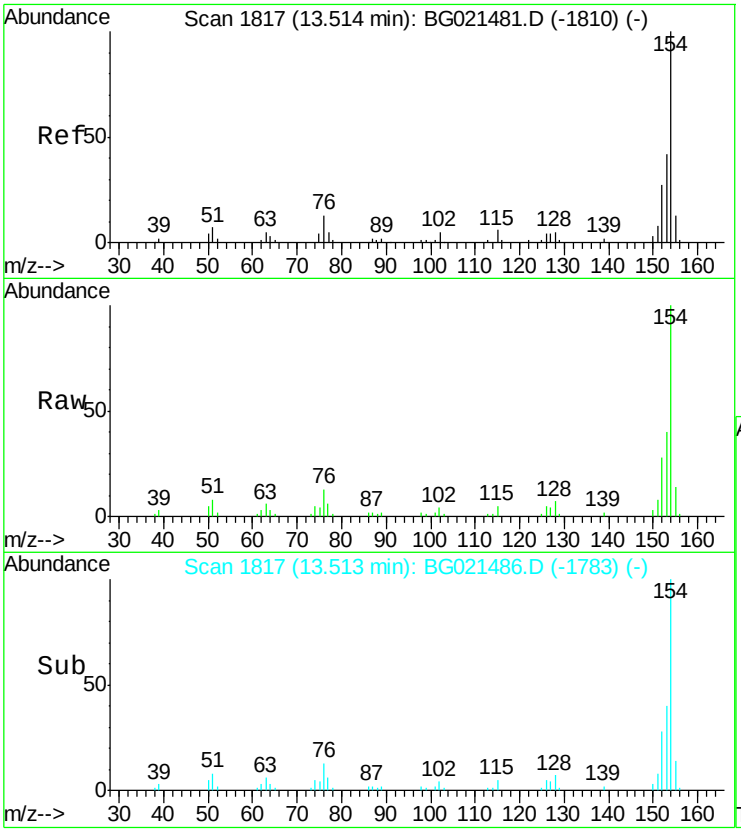


#39
2,4,6-Trichlorophenol
Concen: 17.41 ng/ul
RT: 13.15 min Scan# 1755
Delta R.T. 0.00 min
Lab File: BG021486.D
Acq: 24 Mar 2016 15:41

Tgt Ion:196 Resp: 8127

Ion	Ratio	Lower	Upper
196	100		
198	87.5	74.3	111.5
200	39.0	22.8	34.2#



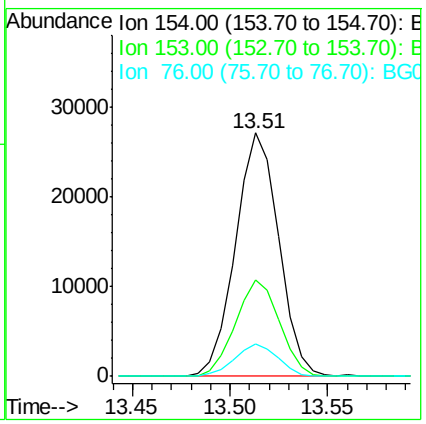


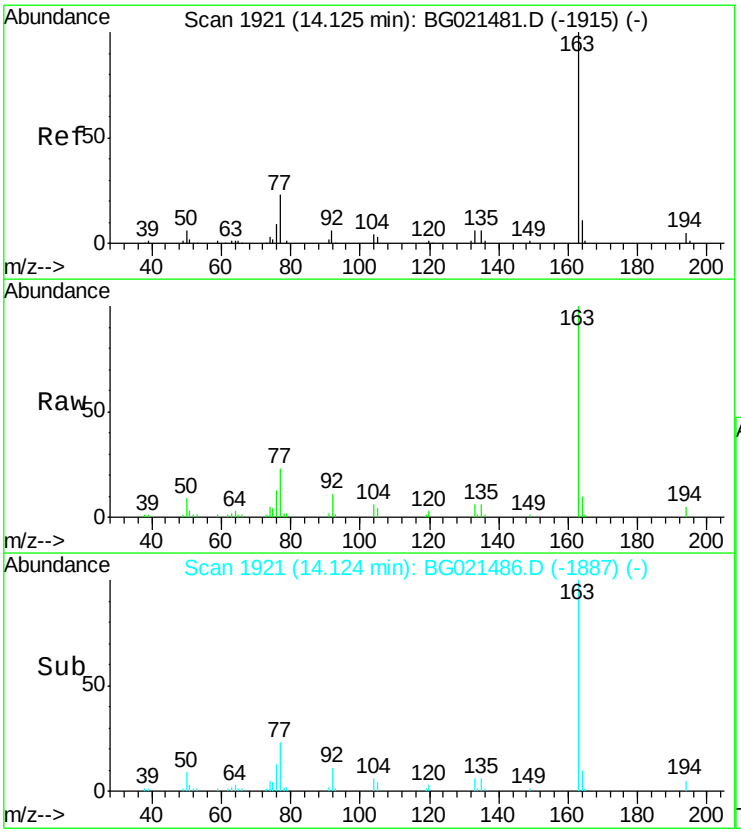
#41
1,1'-Biphenyl
Concen: 22.50 ng/ul
RT: 13.51 min Scan# 1817
Delta R.T. -0.00 min
Lab File: BG021486.D
Acq: 24 Mar 2016 15:41

Instrument :
BNA_G
ClientSampleId :
A4T55

Tgt Ion:154 Resp: 41751

Ion	Ratio	Lower	Upper
154	100		
153	39.7	35.4	53.2
76	13.3	12.1	18.1

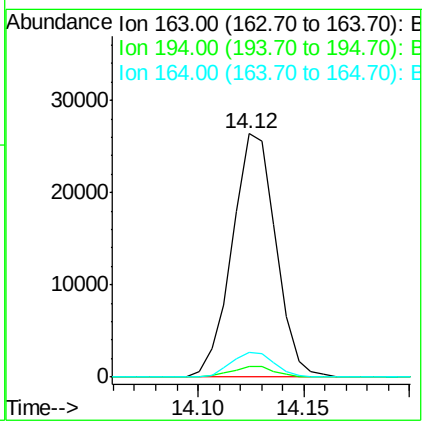


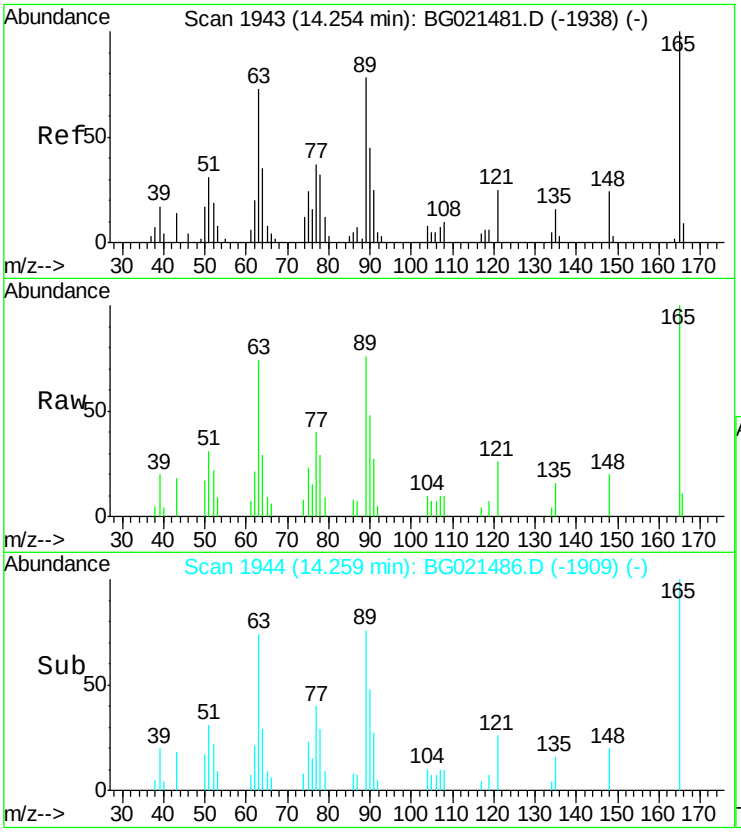


#45
Dimethylphthalate
Concen: 19.26 ng/ul
RT: 14.12 min Scan# 1921
Delta R.T. -0.00 min
Lab File: BG021486.D
Acq: 24 Mar 2016 15:41

Tgt Ion:163 Resp: 37809

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.9	5.9
164	10.0	8.7	13.1



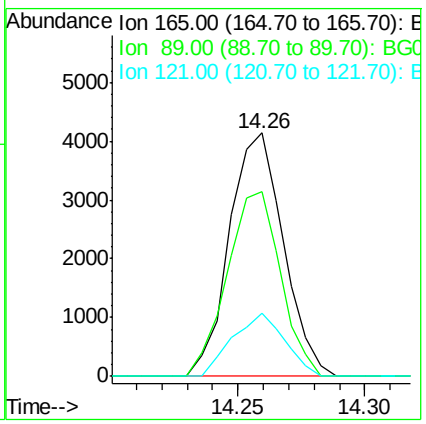


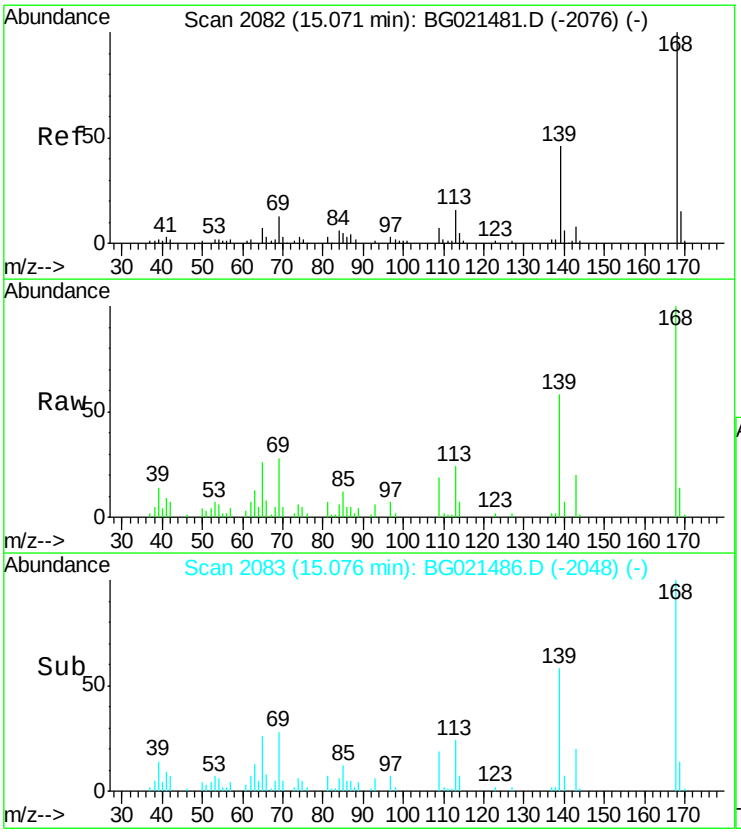
#46
2,6-Dinitrotoluene
Concen: 15.31 ng/ul
RT: 14.26 min Scan# 1944
Delta R.T. 0.00 min
Lab File: BG021486.D
Acq: 24 Mar 2016 15:41

Instrument :
BNA_G
ClientSampleId :
A4T55

Tgt Ion:165 Resp: 6133

Ion	Ratio	Lower	Upper
165	100		
89	75.8	64.6	96.8
121	25.7	20.4	30.6

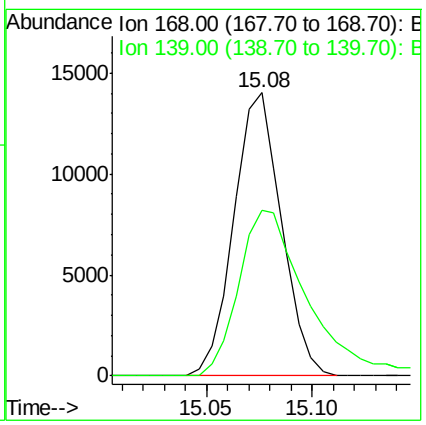


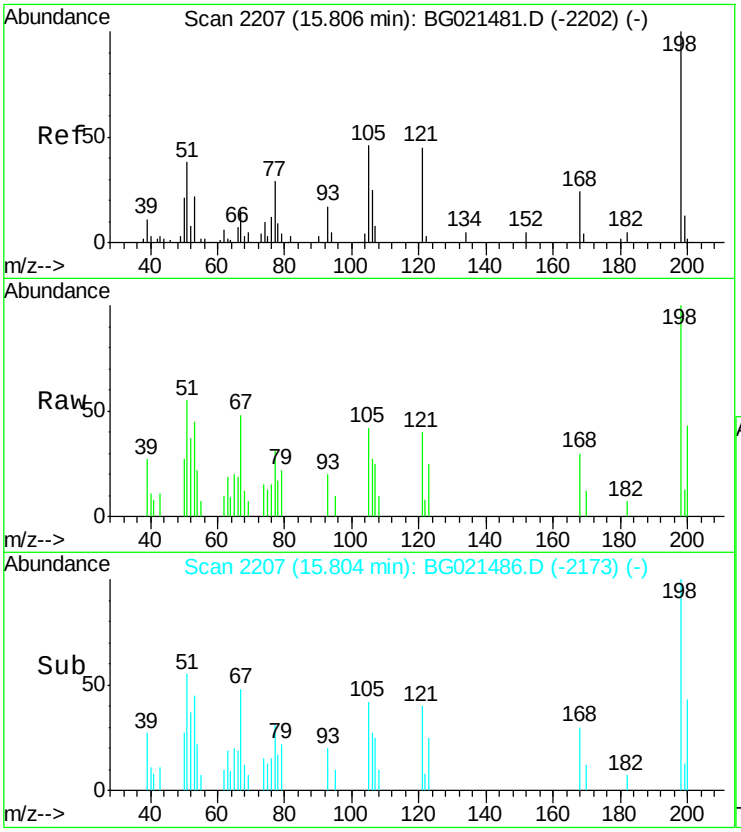


#54
Dibenzofuran
Concen: 9.82 ng/ul
RT: 15.08 min Scan# 2083
Delta R.T. 0.00 min
Lab File: BG021486.D
Acq: 24 Mar 2016 15:41

Tgt Ion:168 Resp: 21901

Ion	Ratio	Lower	Upper
168	100		
139	58.3	35.2	52.8#



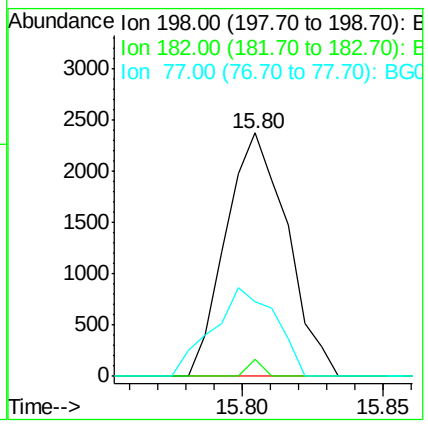


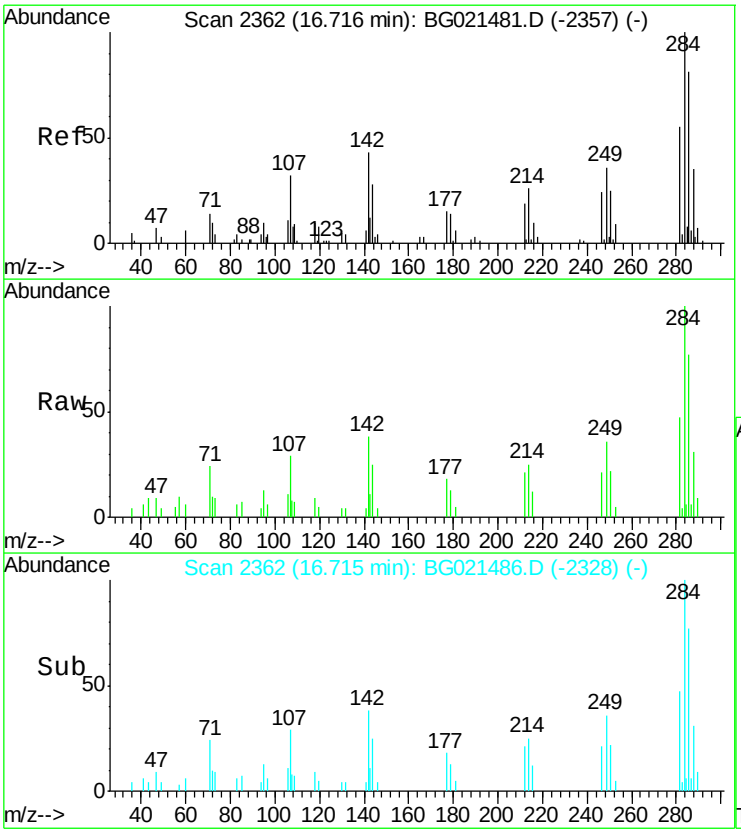
#64
4,6-Dinitro-2-methylphenol
Concen: 5.41 ng/ul
RT: 15.80 min Scan# 2207
Delta R.T. -0.00 min
Lab File: BG021486.D
Acq: 24 Mar 2016 15:41

Instrument :
BNA_G
ClientSampleId :
A4T55

Tgt Ion:198 Resp: 3582

Ion	Ratio	Lower	Upper
198	100		
182	7.1	3.8	5.8#
77	30.5	24.2	36.4

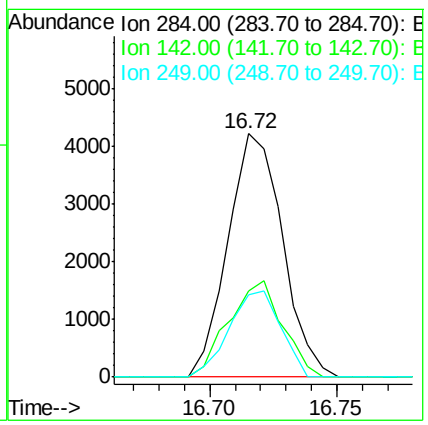


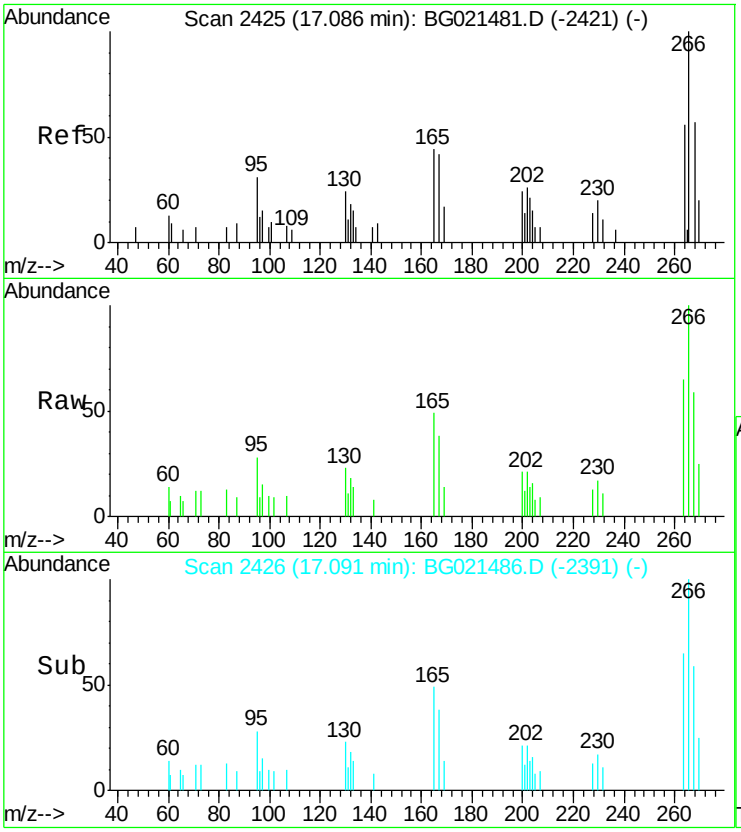


#67
Hexachlorobenzene
Concen: 5.40 ng/ul
RT: 16.72 min Scan# 2362
Delta R.T. -0.00 min
Lab File: BG021486.D
Acq: 24 Mar 2016 15:41

Tgt Ion:284 Resp: 6318

Ion	Ratio	Lower	Upper
284	100		
142	35.4	33.8	50.6
249	33.9	28.9	43.3



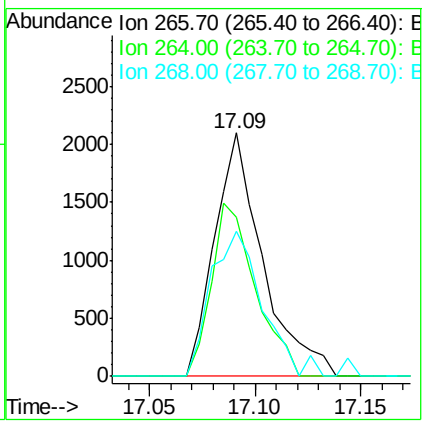


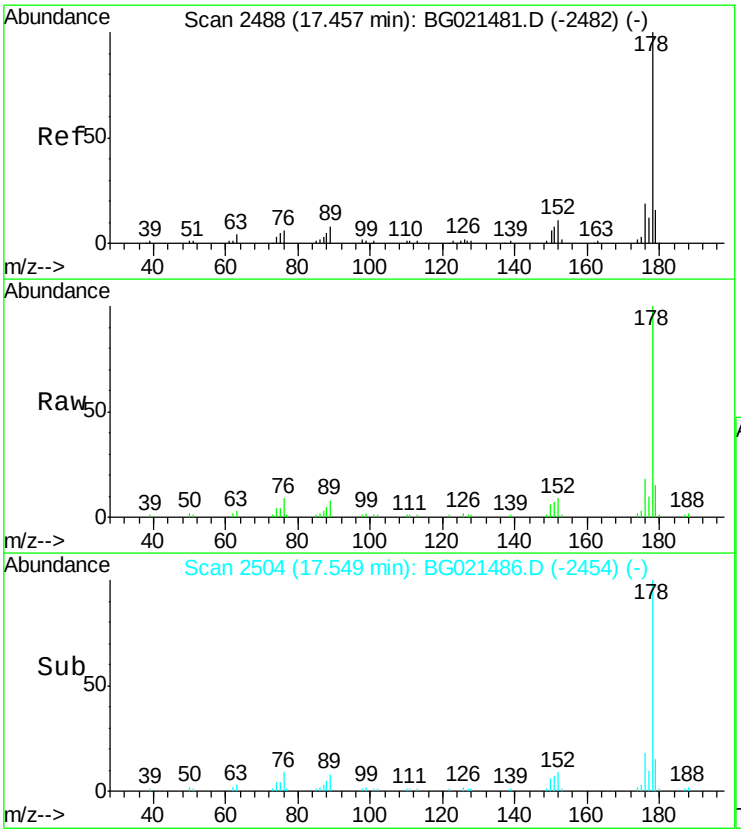
#69
Pentachlorophenol
Concen: 10.70 ng/ul
RT: 17.09 min Scan# 2426
Delta R.T. 0.00 min
Lab File: BG021486.D
Acq: 24 Mar 2016 15:41

Instrument :
BNA_G
ClientSampleId :
A4T55

Tgt Ion:266 Resp: 3313

Ion	Ratio	Lower	Upper
266	100		
264	65.4	56.7	85.1
268	59.5	50.6	76.0

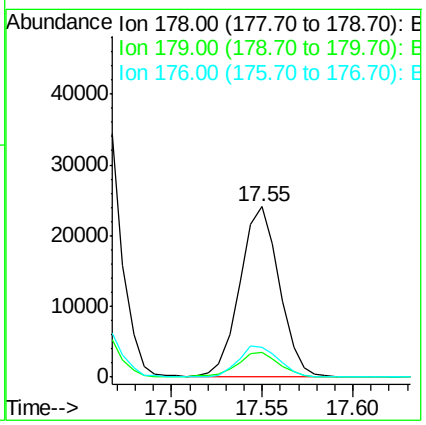


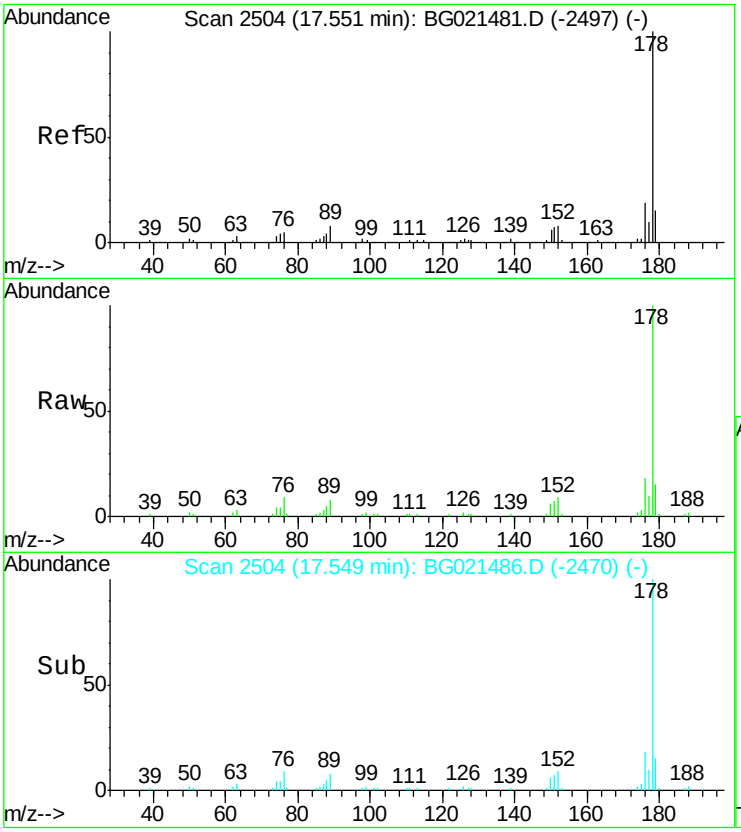


#70
Phenanthrene
Concen: 6.78 ng/ul
RT: 17.55 min Scan# 2504
Delta R.T. 0.09 min
Lab File: BG021486.D
Acq: 24 Mar 2016 15:41

Tgt Ion:178 Resp: 36481

Ion	Ratio	Lower	Upper
178	100		
179	14.8	11.8	17.8
176	17.9	14.8	22.2



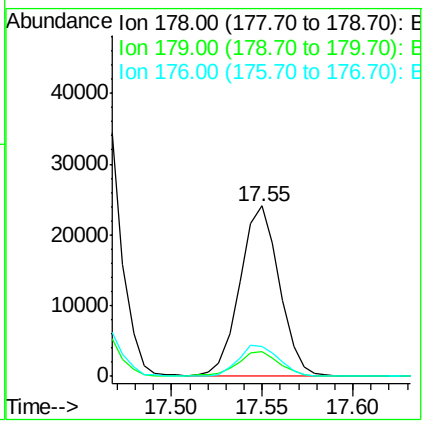


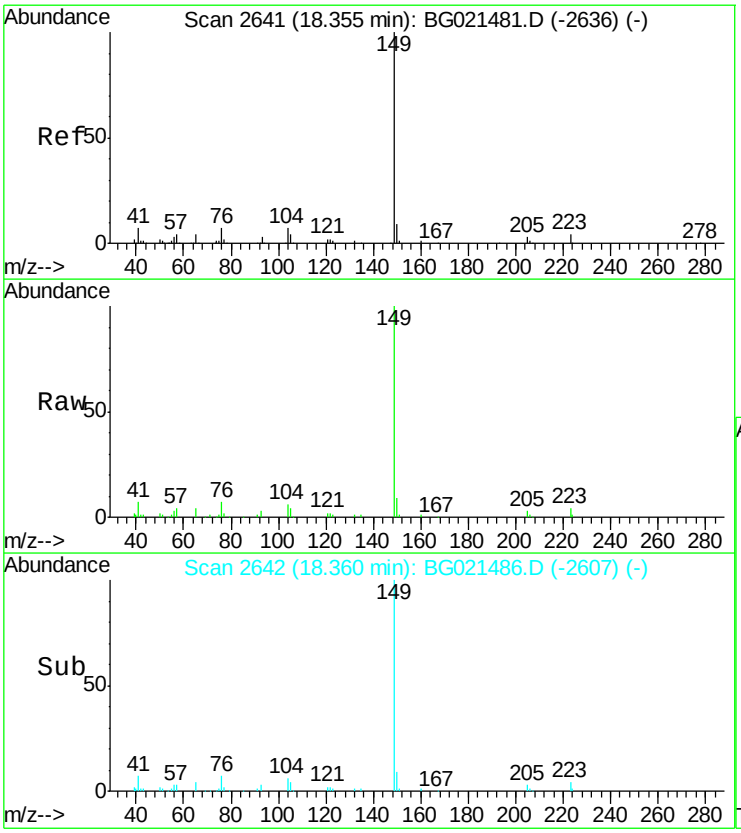
#72
Anthracene
Concen: 6.66 ng/ul
RT: 17.55 min Scan# 2504
Delta R.T. -0.00 min
Lab File: BG021486.D
Acq: 24 Mar 2016 15:41

Instrument :
BNA_G
ClientSampleId :
A4T55

Tgt Ion:178 Resp: 36481

Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.9	19.3
176	17.9	15.6	23.4

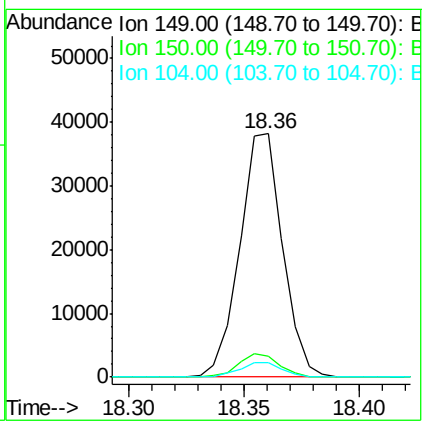


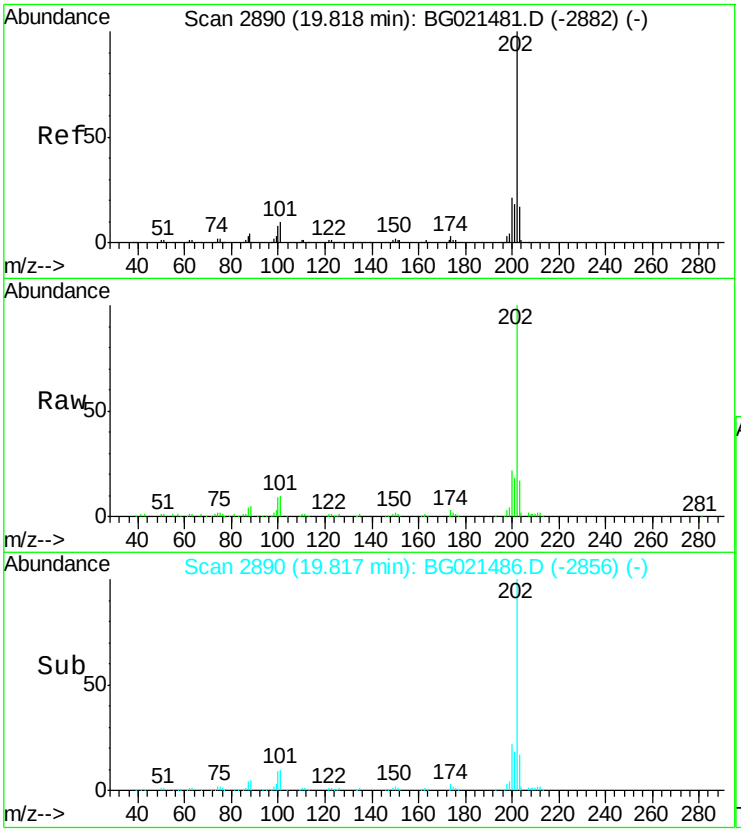


#76
Di-n-butylphthalate
Concen: 8.09 ng/ul
RT: 18.36 min Scan# 2642
Delta R.T. 0.00 min
Lab File: BG021486.D
Acq: 24 Mar 2016 15:41

Tgt Ion:149 Resp: 49413

Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.5	11.3
104	6.2	5.4	8.2



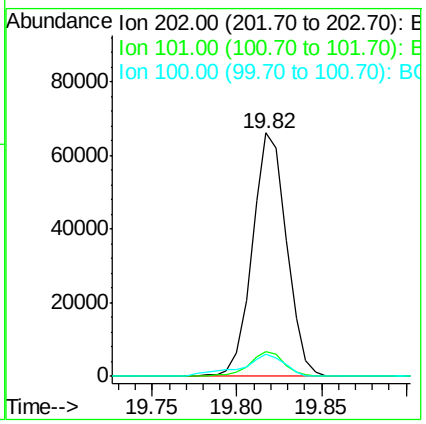


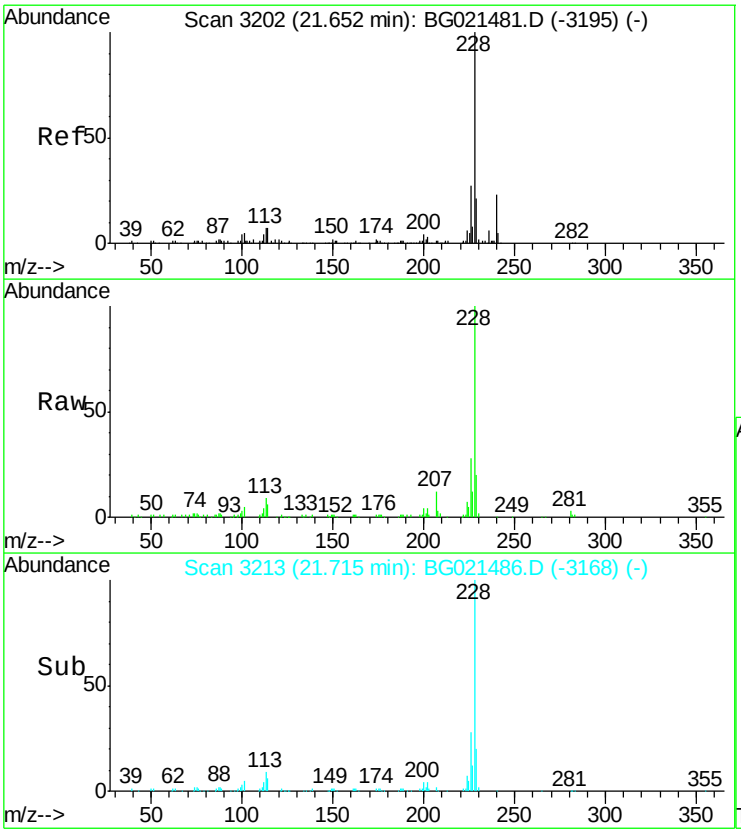
#80
Pyrene
Concen: 23.96 ng/ul
RT: 19.82 min Scan# 2890
Delta R.T. -0.00 min
Lab File: BG021486.D
Acq: 24 Mar 2016 15:41

Instrument :
BNA_G
ClientSampleId :
A4T55

Tgt Ion:202 Resp: 92971

Ion	Ratio	Lower	Upper
202	100		
101	10.3	9.8	14.8
100	8.9	9.3	13.9#

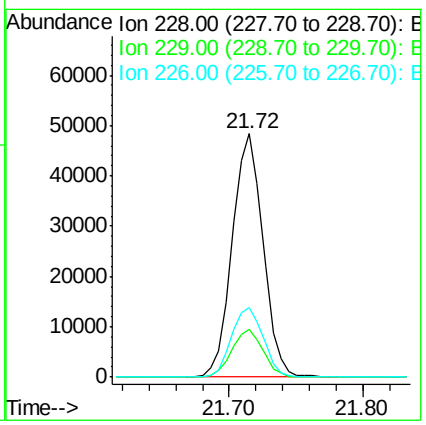


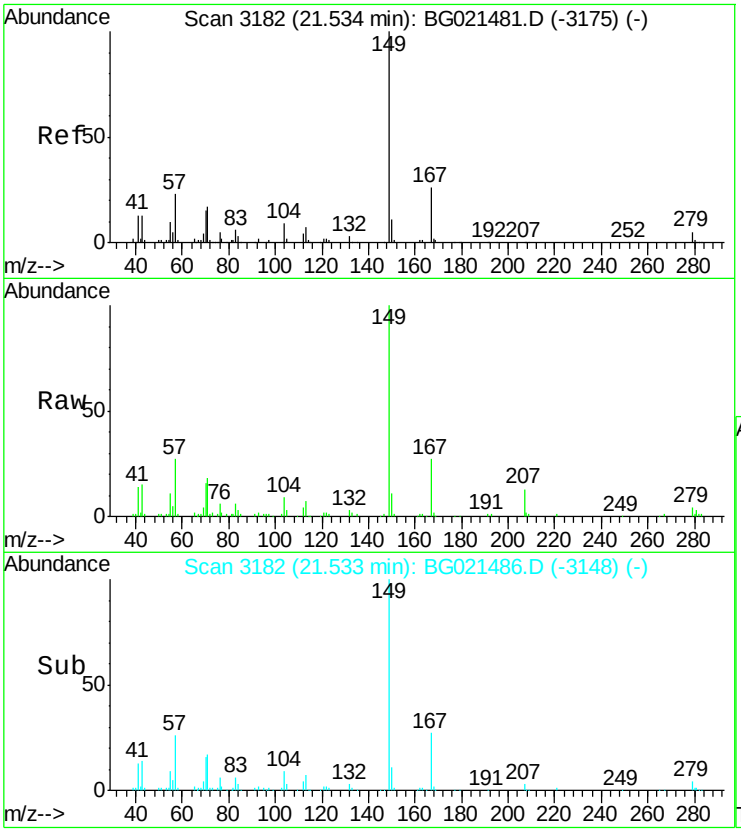


#83
Benzo(a)anthracene
Concen: 19.73 ng/ul
RT: 21.72 min Scan# 3213
Delta R.T. 0.06 min
Lab File: BG021486.D
Acq: 24 Mar 2016 15:41

Tgt Ion:228 Resp: 77555

Ion	Ratio	Lower	Upper
228	100		
229	19.5	16.6	25.0
226	28.4	21.0	31.4



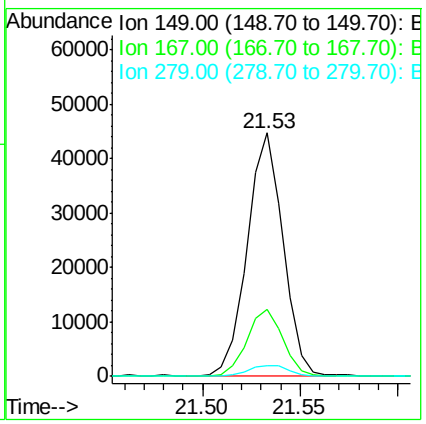


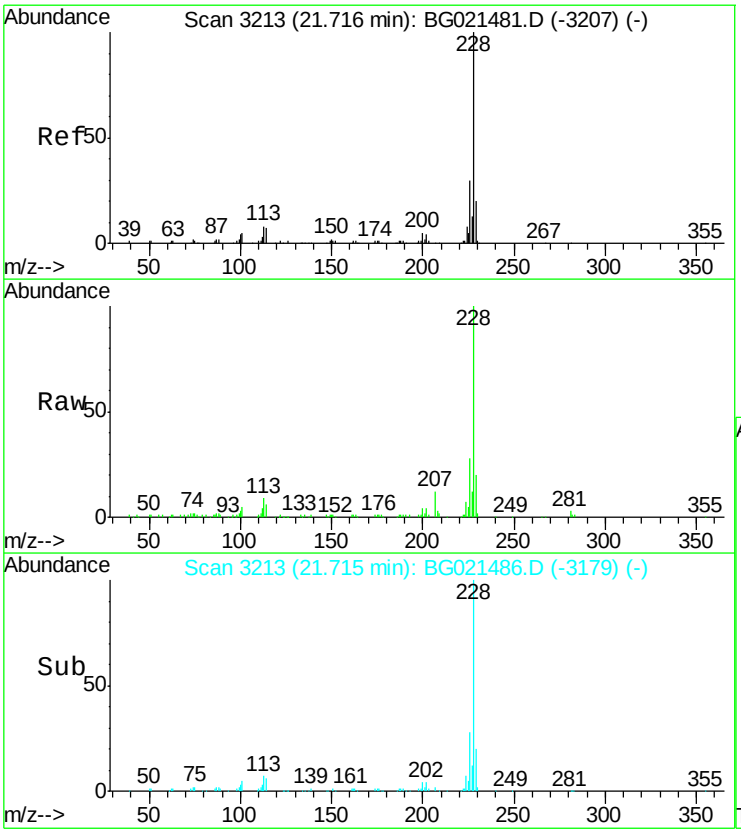
#84
Bis(2-ethylhexyl)phthalate
Concen: 23.70 ng/ul
RT: 21.53 min Scan# 3182
Delta R.T. -0.00 min
Lab File: BG021486.D
Acq: 24 Mar 2016 15:41

Instrument :
BNA_G
ClientSampleId :
A4T55

Tgt Ion:149 Resp: 56802

Ion	Ratio	Lower	Upper
149	100		
167	27.4	20.5	30.7
279	4.4	3.7	5.5

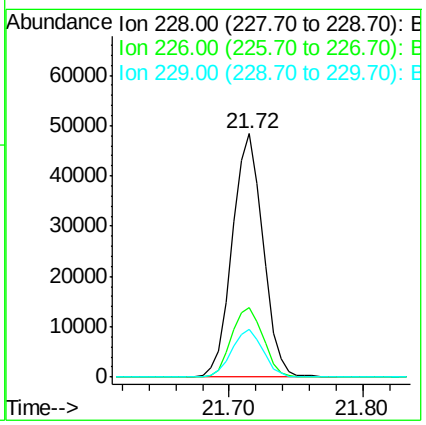


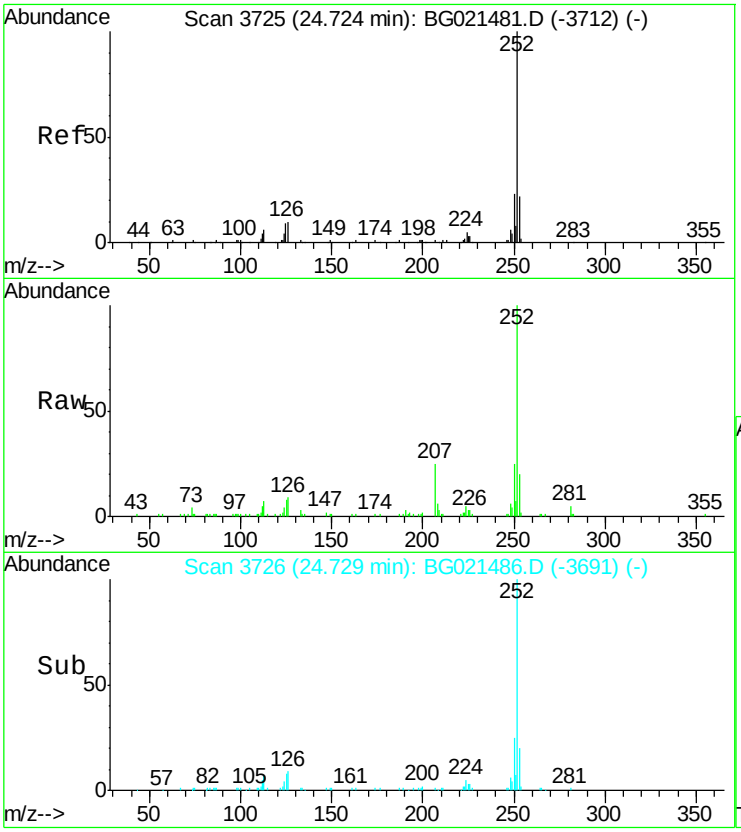


#85
Chrysene
Concen: 20.83 ng/ul
RT: 21.72 min Scan# 3213
Delta R.T. -0.00 min
Lab File: BG021486.D
Acq: 24 Mar 2016 15:41

Tgt Ion:228 Resp: 77555

Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.4	35.2
229	19.5	16.2	24.2



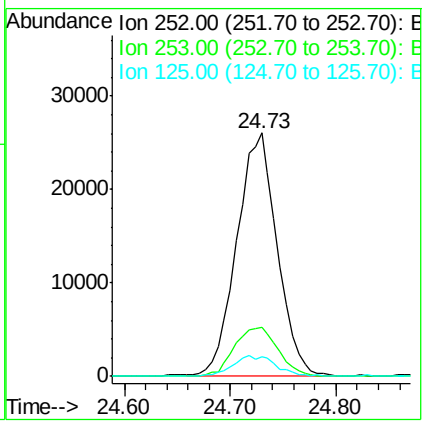


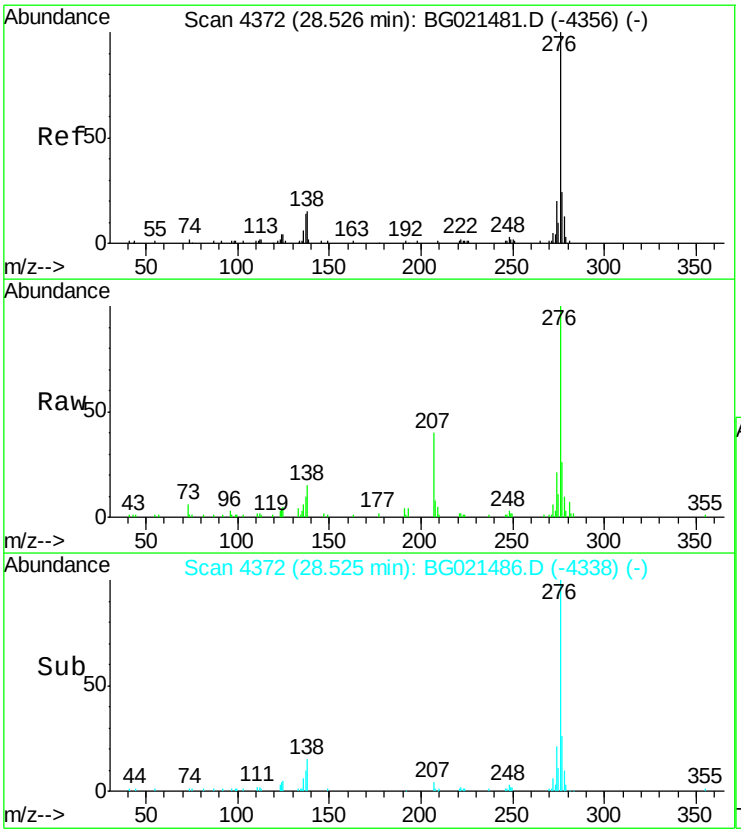
#91
Benzo(a)pyrene
Concen: 17.24 ng/ul
RT: 24.73 min Scan# 3726
Delta R.T. 0.00 min
Lab File: BG021486.D
Acq: 24 Mar 2016 15:41

Instrument :
BNA_G
ClientSampleId :
A4T55

Tgt Ion:252 Resp: 69261

Ion	Ratio	Lower	Upper
252	100		
253	20.4	17.4	26.0
125	7.9	8.2	12.2#

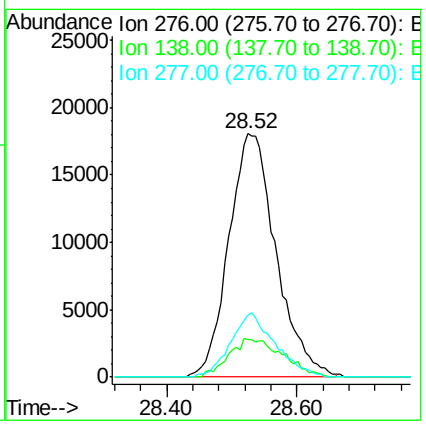


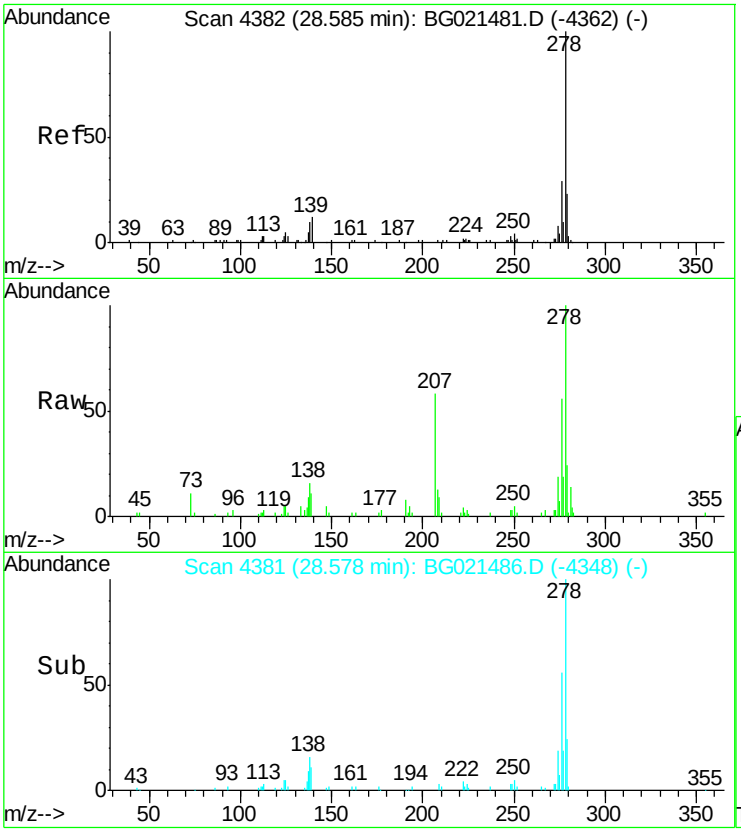


#92
Indeno(1,2,3-cd)pyrene
Concen: 19.82 ng/ul
RT: 28.52 min Scan# 4372
Delta R.T. -0.00 min
Lab File: BG021486.D
Acq: 24 Mar 2016 15:41

Tgt Ion:276 Resp: 90514

Ion	Ratio	Lower	Upper
276	100		
138	15.3	15.8	23.6#
277	25.6	19.0	28.6





#93
Dibenzo(a,h)anthracene
Concen: 12.13 ng/ul
RT: 28.58 min Scan# 4381
Delta R.T. -0.01 min
Lab File: BG021486.D
Acq: 24 Mar 2016 15:41

Instrument :
BNA_G
ClientSampleId :
A4T55

Tgt Ion:278 Resp: 47116

Ion	Ratio	Lower	Upper
278	100		
139	11.5	12.1	18.1#
279	23.5	19.8	29.8