Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070116\
Data File : BG022758.D
Acq On : 1 Jul 2016 13:03
Operator : UM/SJ
Sample : H3811-26
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4TX6

Quant Time: Jul 02 00:07:51 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 02 00:07:37 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	98280	20.00	ng/ul	0.02
18) Naphthalene-d8	11.00	136	451282	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.81	164	357317	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.56	188	840257	20.00	ng/ul	0.00
75) Chrysene-d12	21.85	240	949362	20.00	ng/ul	0.00
83) Perylene-d12	25.23	264	976774	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.55	96	4164	2.37	ng/uL	0.00
5) Phenol-d5	7.32	99	269819	26.10	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.48	67	163499	28.05	ng/ul	0.01
9) 2-Chlorophenol-d4	7.70	132	171750	24.87	ng/ul	0.01
13) 4-Methylphenol-d8	8.88	113	223035	27.77	ng/ul	0.01
19) Nitrobenzene-d5	9.34	128	98961	27.50	ng/ul	0.01
22) 2-Nitrophenol-d4	10.07	143	115422	26.59	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.61	165	230132	25.35	ng/ul	0.01
29) 4-Chloroaniline-d4	11.13	131	171188	22.27	ng/ul	0.01
43) Dimethylphthalate-d6	14.21	166	907720	31.27	ng/ul	0.01
46) Acenaphthylene-d8	14.51	160	1061040	31.89	ng/ul	0.01
51) 4-Nitrophenol-d4	15.00	143	153640	33.71	ng/ul	0.00
57) Fluorene-d10	15.80	176	919162	33.42	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.91	200	139516	25.82	ng/ul	0.00
70) Anthracene-d10	17.66	188	1432668	36.68	ng/ul	0.00
76) Pyrene-d10	19.93	212	1708760	37.68	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.99	264	1803863	38.87	ng/ul	0.01
Target Compounds						Qvalue
4) Benzaldehyde	7.30	77	212615	32.35	ng/ul	89
10) 2-Chlorophenol	7.73	128	25298	3.60	ng/ul#	83
23) 2-Nitrophenol	10.10	139	138362	30.04	ng/ul#	48
28) Naphthalene	11.05	128	144283	6.25	ng/ul#	95
31) Hexachlorobutadiene	11.33	225	102402	14.57	ng/ul	95
33) 4-Chloro-3-methylphenol	12.26	107	141862	12.29	ng/ul#	82
34) 2-Methylnaphthalene	12.86	142	236722	12.40	ng/ul	93
36) 1,2,4,5-Tetrachlorobenzene	13.01	216	88272	6.61	ng/ul#	95
38) 2,4,6-Trichlorophenol	13.24	196	134027	14.55	ng/ul	92
40) 1,1'-Biphenyl	13.64	154	559428	20.59	ng/ul#	93
44) Dimethylphthalate	14.25	163	844735	28.50	ng/ul	98
45) 2,6-Dinitrotoluene	14.38	165	89333	13.92	ng/ul#	73
52) 4-Nitrophenol	15.02	109	210541	36.32	ng/ul#	60
53) Dibenzofuran	15.20	168	333870	9.50	ng/ul#	88
63) 4,6-Dinitro-2-methylphenol	15.92	198	97836	17.08	ng/ul#	90
66) Hexachlorobenzene	16.86	284	107230	9.01	ng/ul#	92
68) Pentachlorophenol	17.21	266	140493	20.54	ng/ul#	80
69) Phenanthrene	17.60	178	1109772	25.82	ng/ul	100
71) Anthracene	17.69	178	491058	11.12	ng/ul	98
73) Di-n-butylphthalate	18.50	149	742590	17.70	ng/ul#	95
74) Fluoranthene	19.60	202	1112691	24.85	ng/ul#	86
77) Pyrene	19.96	202	1139465	21.44	ng/ul#	85
80) Benzo(a)anthracene	21.90	228	1002519	18.00	ng/ul	96

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070116\
Data File : BG022758.D
Acq On : 1 Jul 2016 13:03
Operator : UM/SJ
Sample : H3811-26
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4TX6

Quant Time: Jul 02 00:07:51 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 02 00:07:37 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) Bis(2-ethylhexyl)phthalate	21.72	149	645090	24.25	ng/ul#	96
82) Chrysene	21.90	228	1002519	19.78	ng/ul	97
88) Benzo(a)pyrene	25.07	252	900289	15.52	ng/ul#	88
89) Indeno(1,2,3-cd)pyrene	29.07	276	665628	10.86	ng/ul#	78
90) Dibenzo(a,h)anthracene	29.14	278	621128	12.25	ng/ul#	86

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070116\
Data File : BG022758.D
Acq On : 1 Jul 2016 13:03
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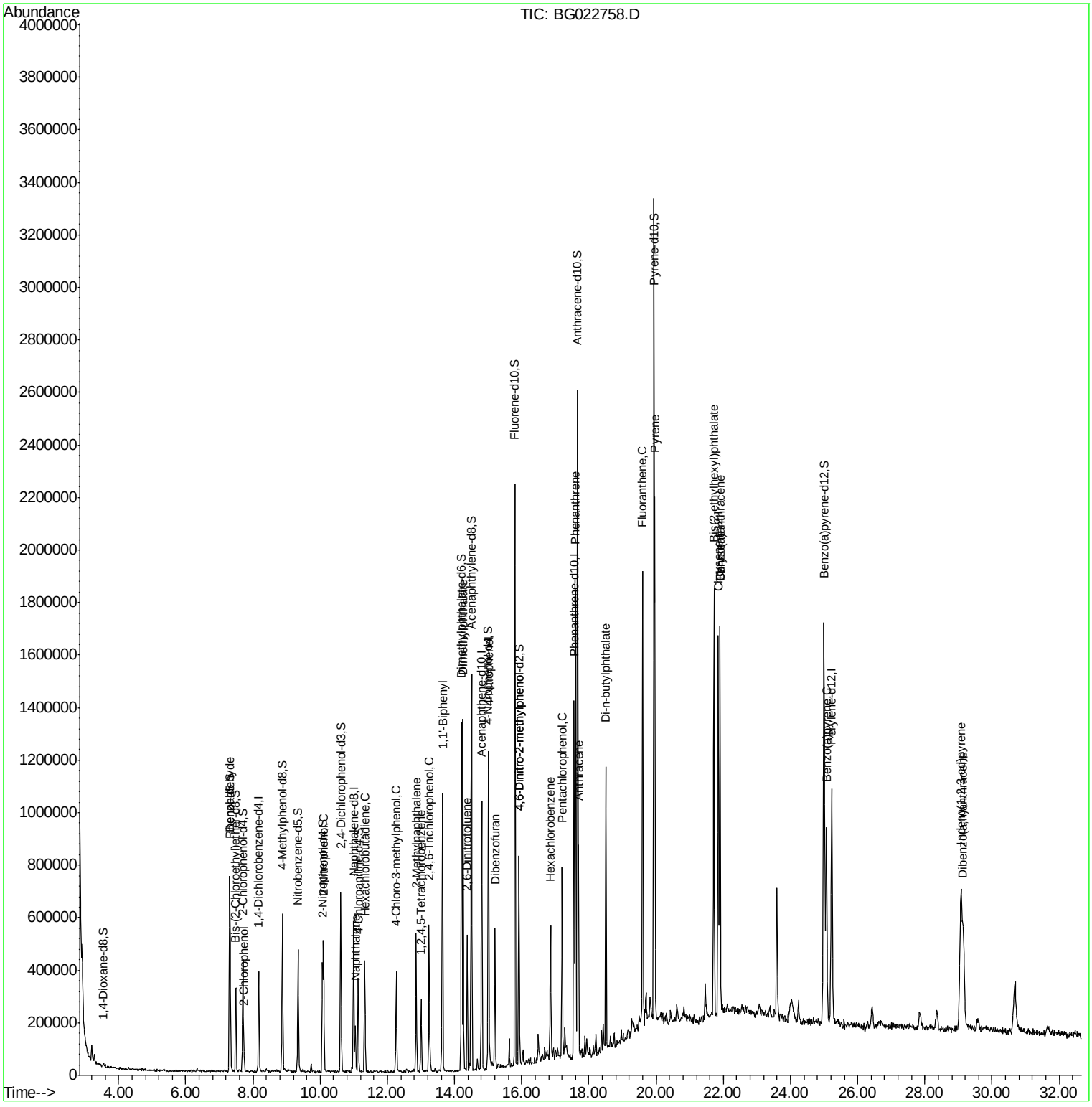
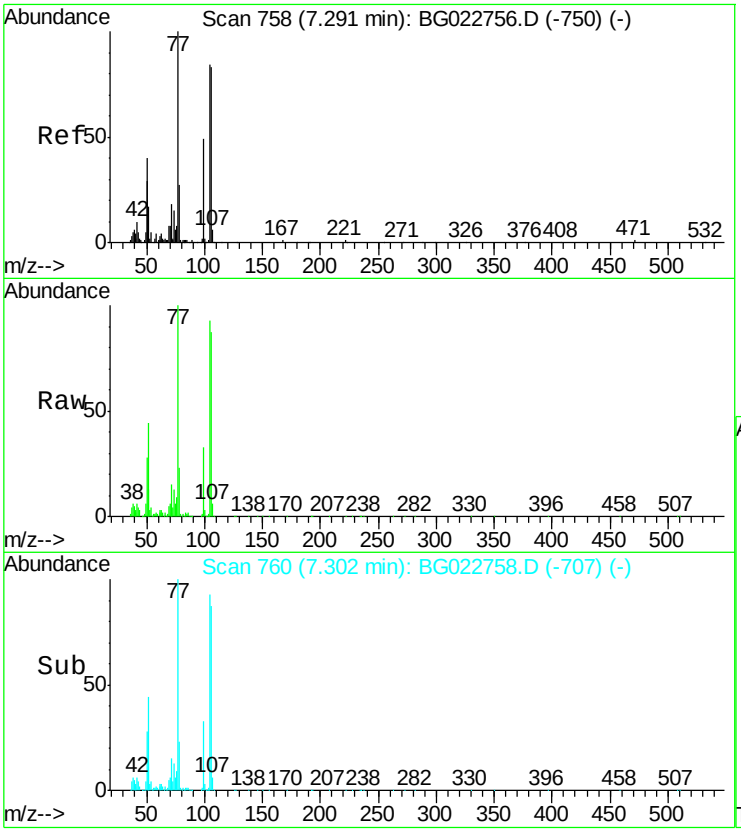
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 02 00:07:37 2016
Response via : Initial Calibration



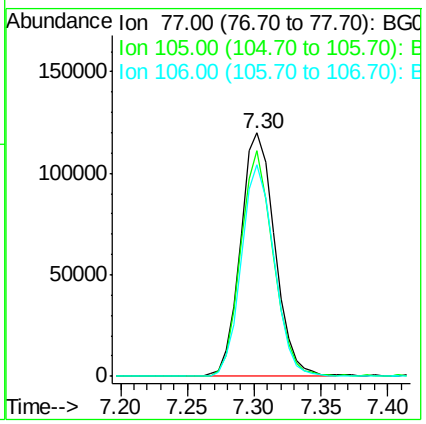


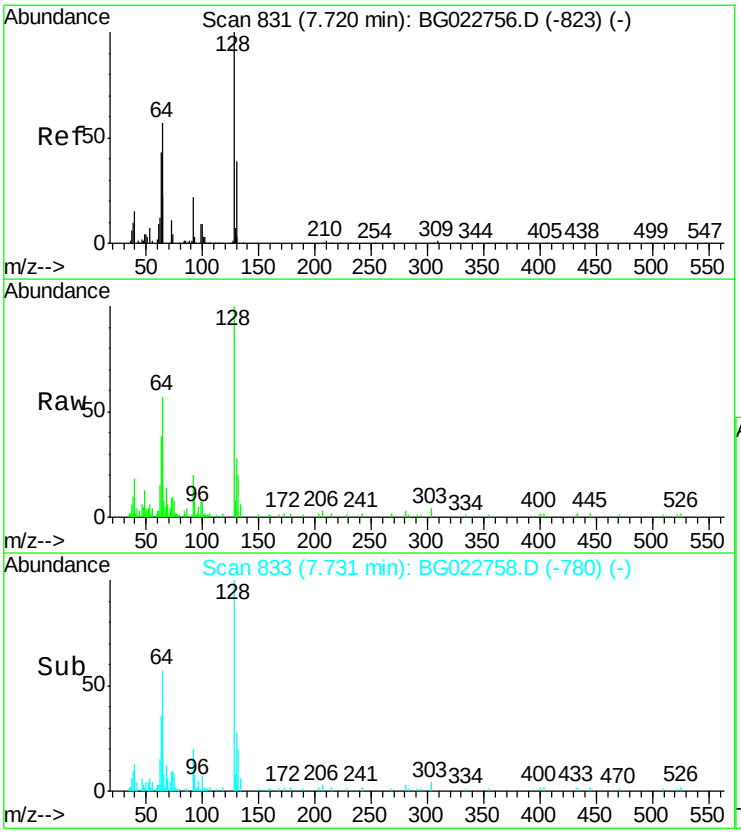
#4
Benzaldehyde
Concen: 32.35 ng/ul
RT: 7.30 min Scan# 760
Delta R.T. 0.01 min
Lab File: BG022758.D
Acq: 1 Jul 2016 13:03

Instrument :
BNA_G
ClientSampleId :
A4TX6

Tgt Ion: 77 Resp: 212615

Ion	Ratio	Lower	Upper
77	100		
105	92.9	83.8	125.8
106	87.2	77.9	116.9

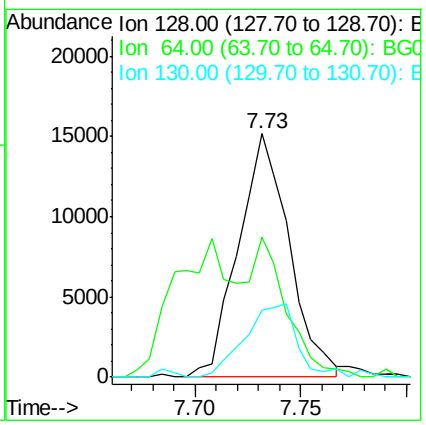


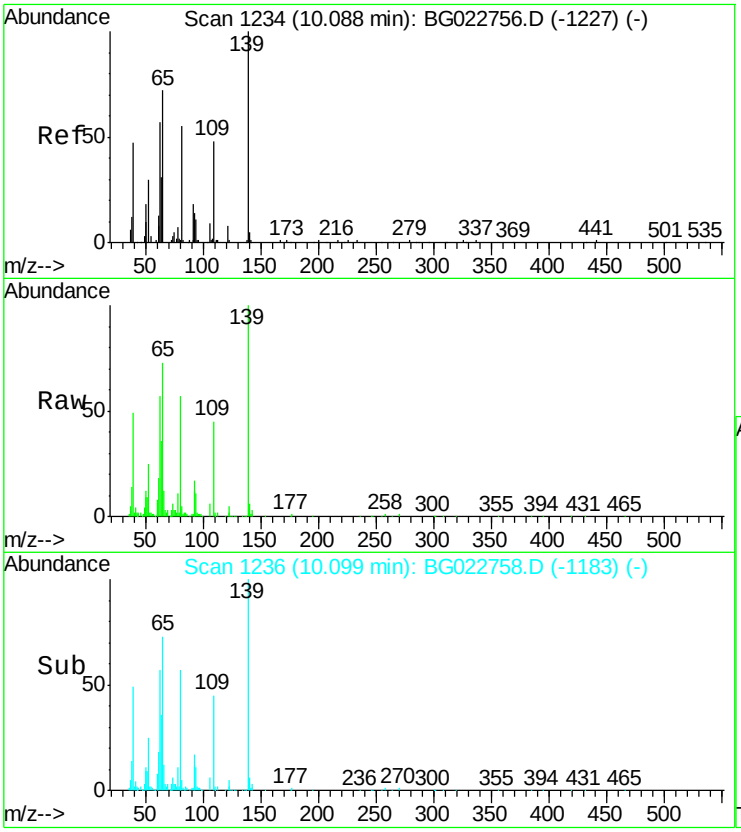


#10
2-Chlorophenol
Concen: 3.60 ng/ul
RT: 7.73 min Scan# 833
Delta R.T. 0.01 min
Lab File: BG022758.D
Acq: 1 Jul 2016 13:03

Tgt Ion:128 Resp: 25298

Ion	Ratio	Lower	Upper
128	100		
64	57.5	34.2	51.4#
130	27.7	27.0	40.4



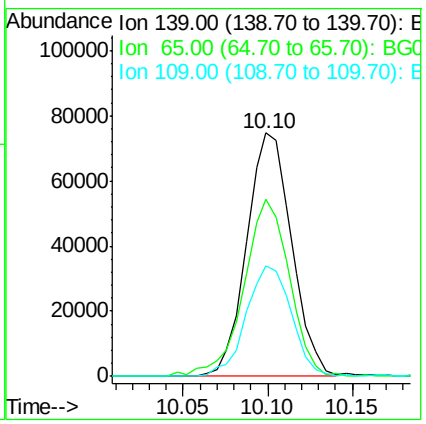


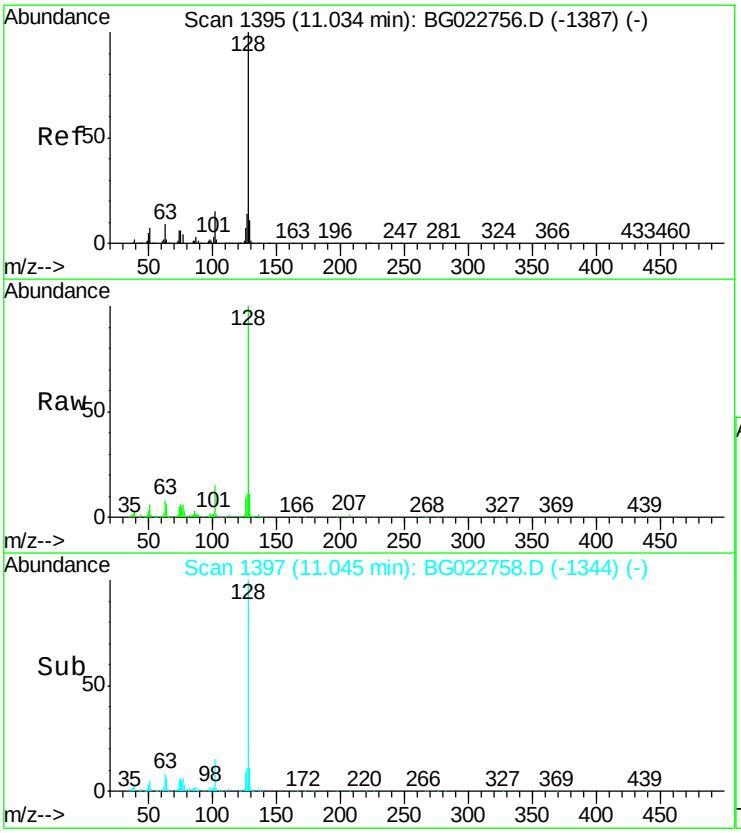
#23
2-Nitrophenol
Concen: 30.04 ng/ul
RT: 10.10 min Scan# 1236
Delta R.T. 0.01 min
Lab File: BG022758.D
Acq: 1 Jul 2016 13:03

Instrument :
BNA_G
ClientSampleId :
A4TX6

Tgt Ion:139 Resp: 138362

Ion	Ratio	Lower	Upper
139	100		
65	72.7	31.8	47.8#
109	45.3	17.1	25.7#

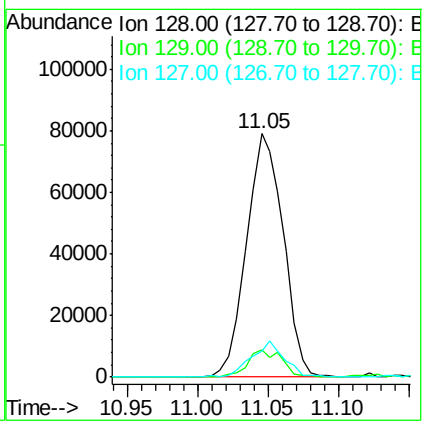


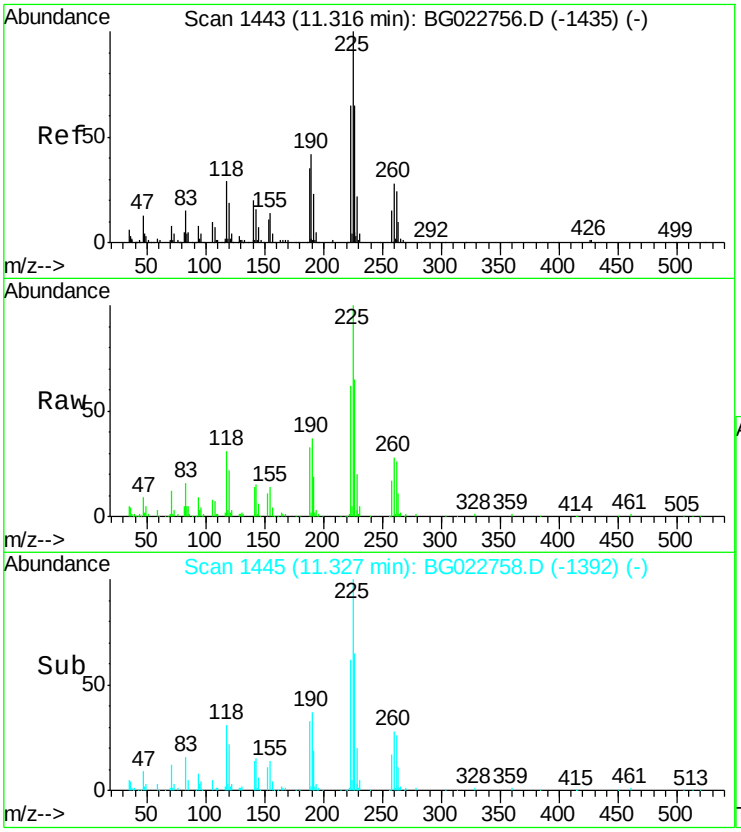


#28
Naphthalene
Concen: 6.25 ng/ul
RT: 11.05 min Scan# 1397
Delta R.T. 0.01 min
Lab File: BG022758.D
Acq: 1 Jul 2016 13:03

Tgt Ion:128 Resp: 144283

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.4	14.2
127	10.6	11.2	16.8#



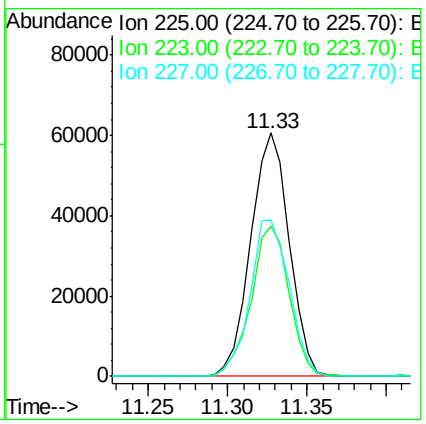


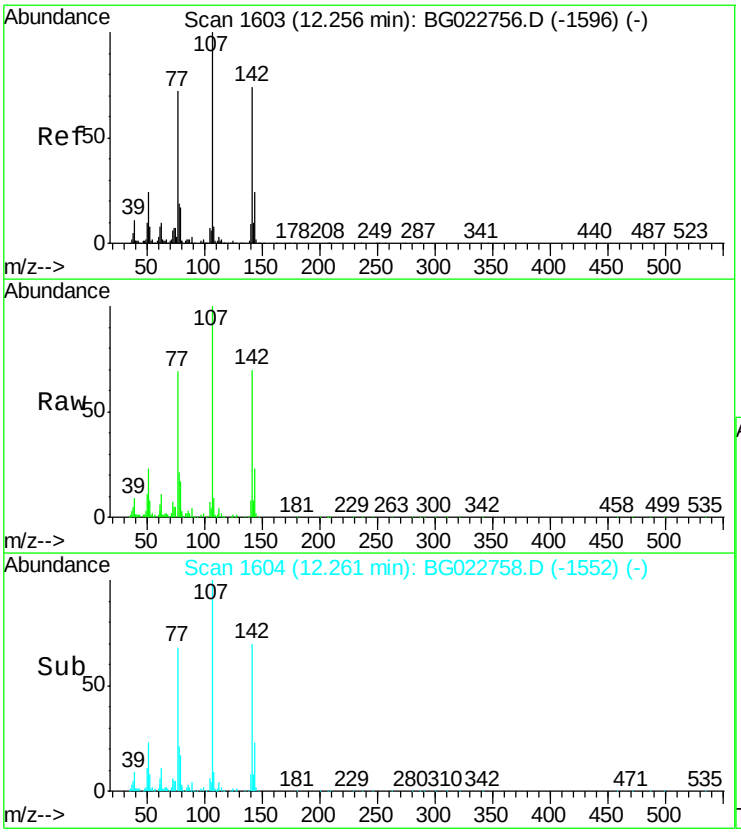
#31
Hexachlorobutadiene
Concen: 14.57 ng/ul
RT: 11.33 min Scan# 1445
Delta R.T. 0.01 min
Lab File: BG022758.D
Acq: 1 Jul 2016 13:03

Instrument :
BNA_G
ClientSampleId :
A4TX6

Tgt Ion:225 Resp: 102402

Ion	Ratio	Lower	Upper
225	100		
223	61.6	54.7	82.1
227	64.5	52.2	78.4

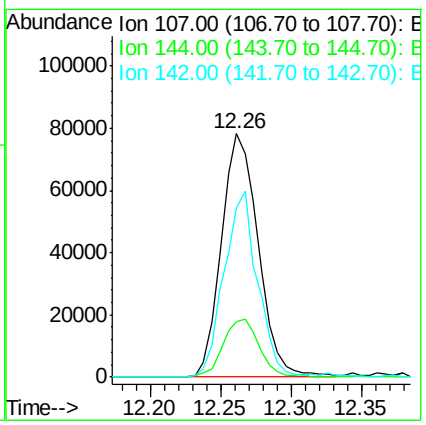


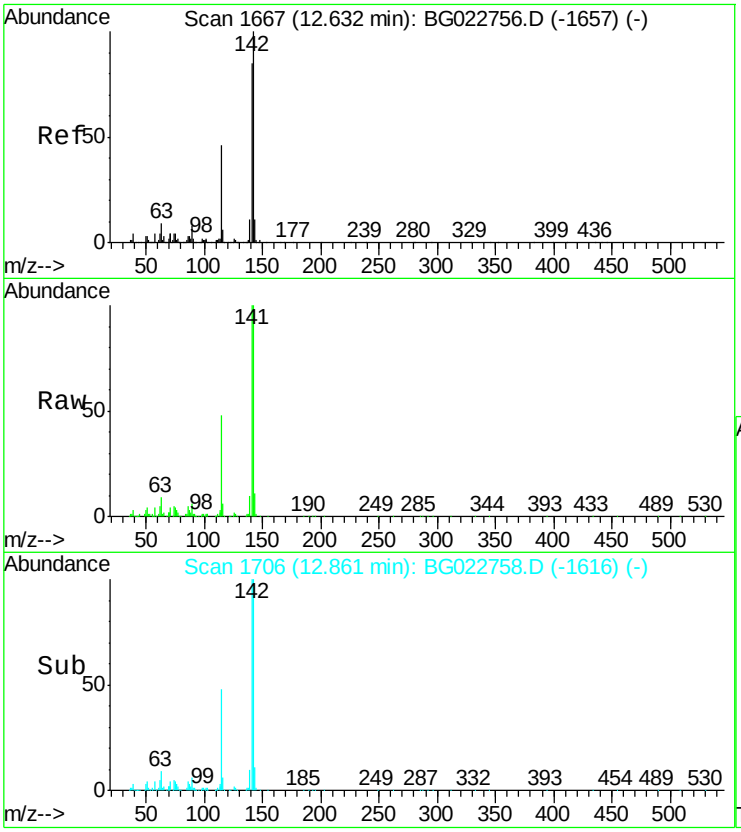


#33
4-Chloro-3-methylphenol
Concen: 12.29 ng/ul
RT: 12.26 min Scan# 1604
Delta R.T. 0.01 min
Lab File: BG022758.D
Acq: 1 Jul 2016 13:03

Tgt Ion:107 Resp: 141862

Ion	Ratio	Lower	Upper
107	100		
144	22.9	22.7	34.1
142	69.8	71.6	107.4#



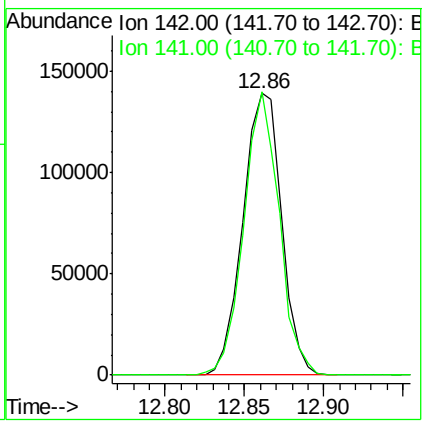


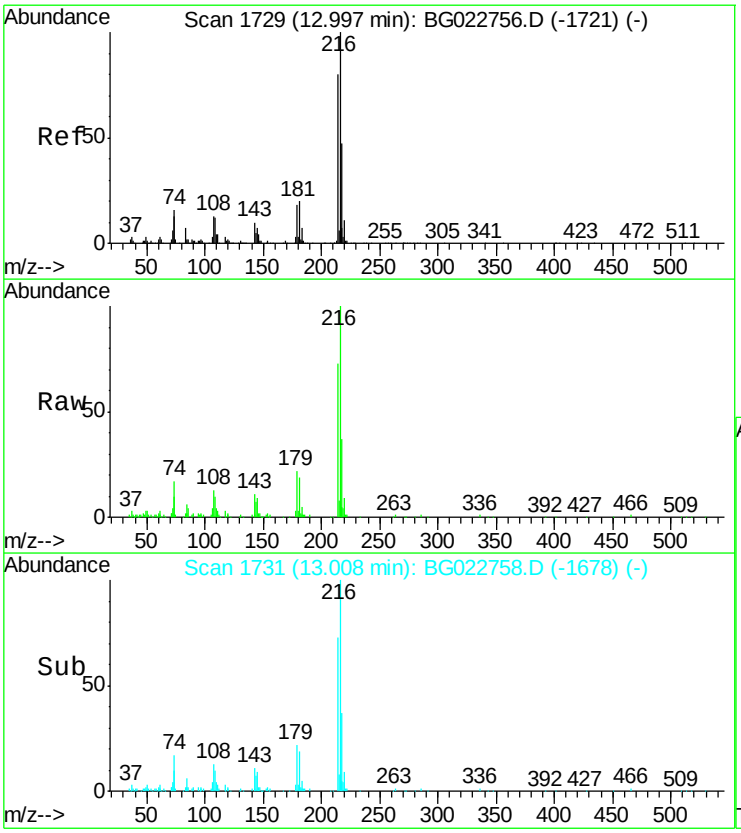
#34
2-Methylnaphthalene
Concen: 12.40 ng/ul
RT: 12.86 min Scan# 1706
Delta R.T. 0.23 min
Lab File: BG022758.D
Acq: 1 Jul 2016 13:03

Instrument :
BNA_G
ClientSampleId :
A4TX6

Tgt Ion:142 Resp: 236722

Ion	Ratio	Lower	Upper
142	100		
141	100.5	75.2	112.8

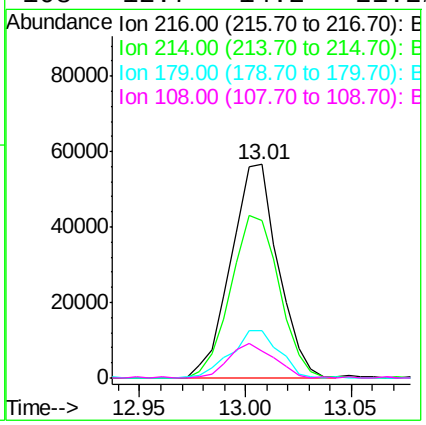


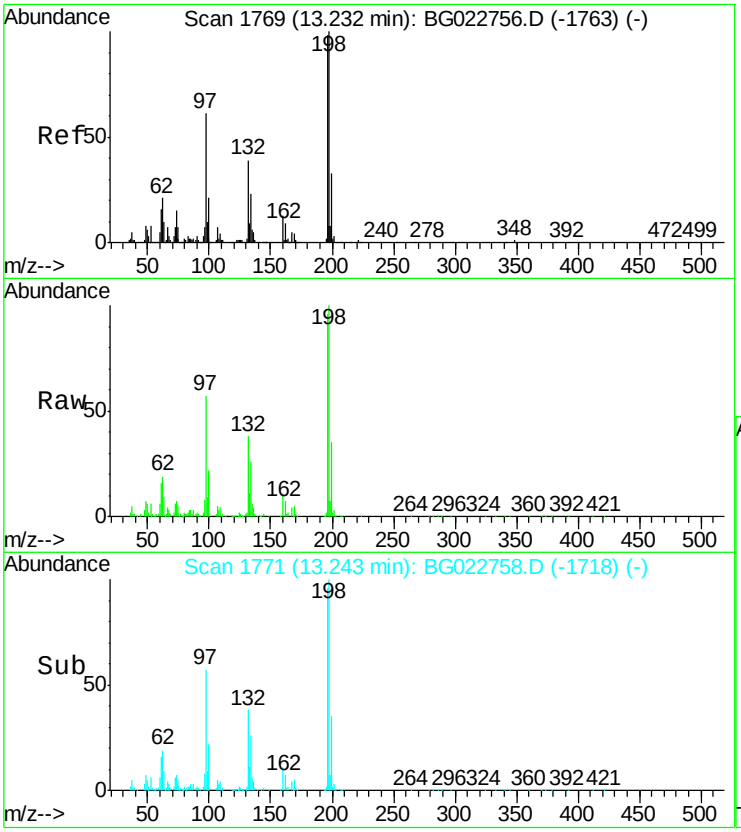


#36
1,2,4,5-Tetrachlorobenzene
Concen: 6.61 ng/ul
RT: 13.01 min Scan# 1731
Delta R.T. 0.01 min
Lab File: BG022758.D
Acq: 1 Jul 2016 13:03

Tgt Ion:216 Resp: 88272

Ion	Ratio	Lower	Upper
216	100		
214	73.4	61.7	92.5
179	21.9	17.0	25.4
108	12.7	14.2	21.2#



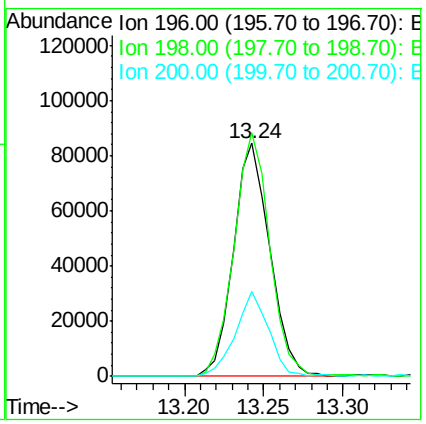


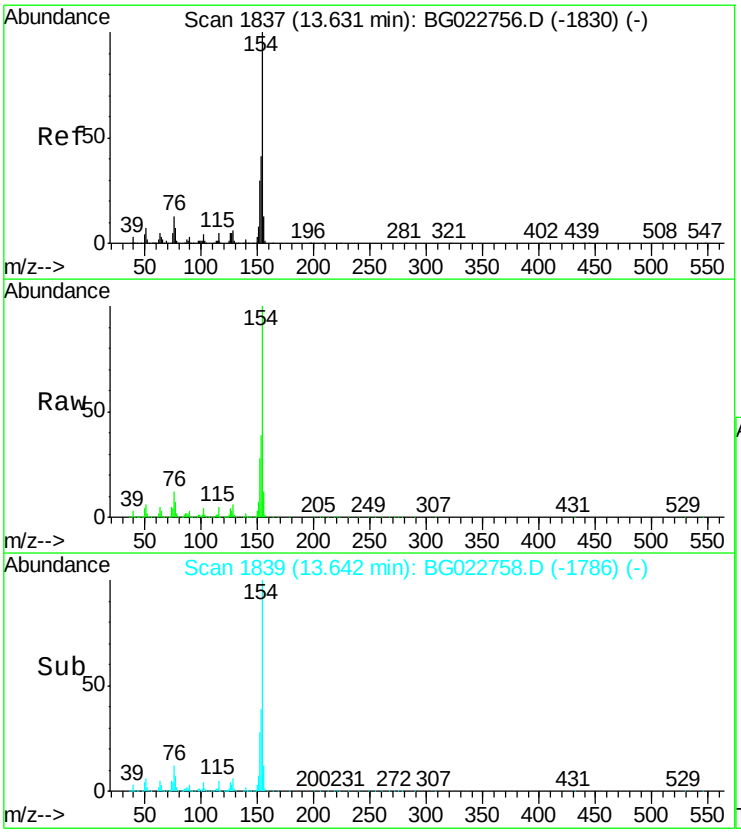
#38
2,4,6-Trichlorophenol
Concen: 14.55 ng/ul
RT: 13.24 min Scan# 1771
Delta R.T. 0.01 min
Lab File: BG022758.D
Acq: 1 Jul 2016 13:03

Instrument :
BNA_G
ClientSampleId :
A4TX6

Tgt Ion:196 Resp: 134027

Ion	Ratio	Lower	Upper
196	100		
198	104.6	77.4	116.0
200	36.7	26.6	39.8

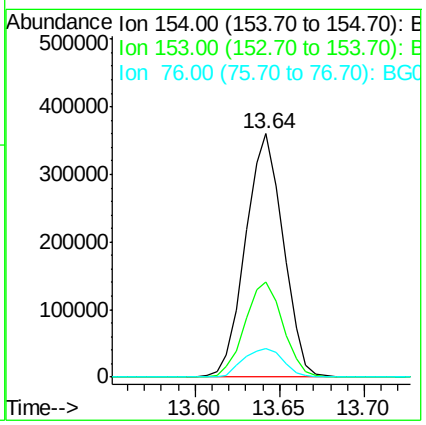


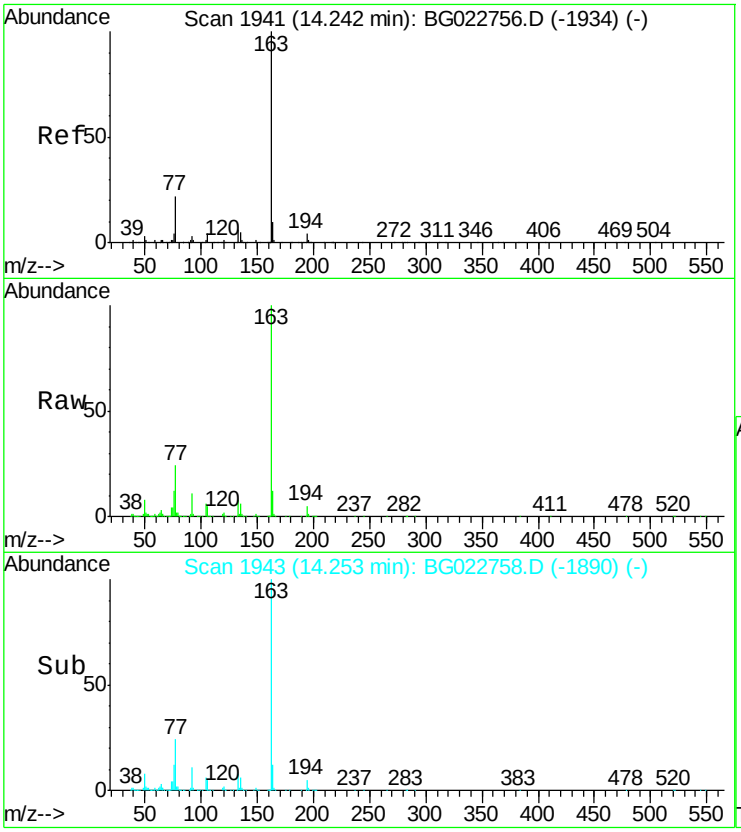


#40
1,1'-Biphenyl
Concen: 20.59 ng/ul
RT: 13.64 min Scan# 1839
Delta R.T. 0.01 min
Lab File: BG022758.D
Acq: 1 Jul 2016 13:03

Tgt Ion:154 Resp: 559428

Ion	Ratio	Lower	Upper
154	100		
153	38.8	34.6	52.0
76	11.7	11.9	17.9#



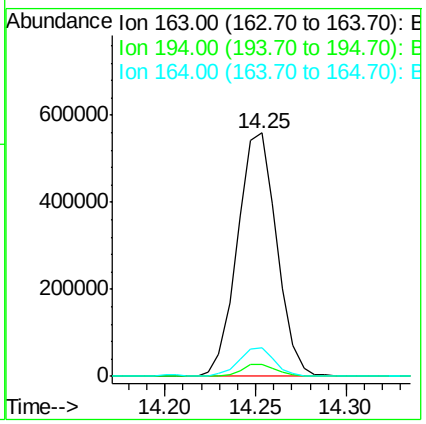


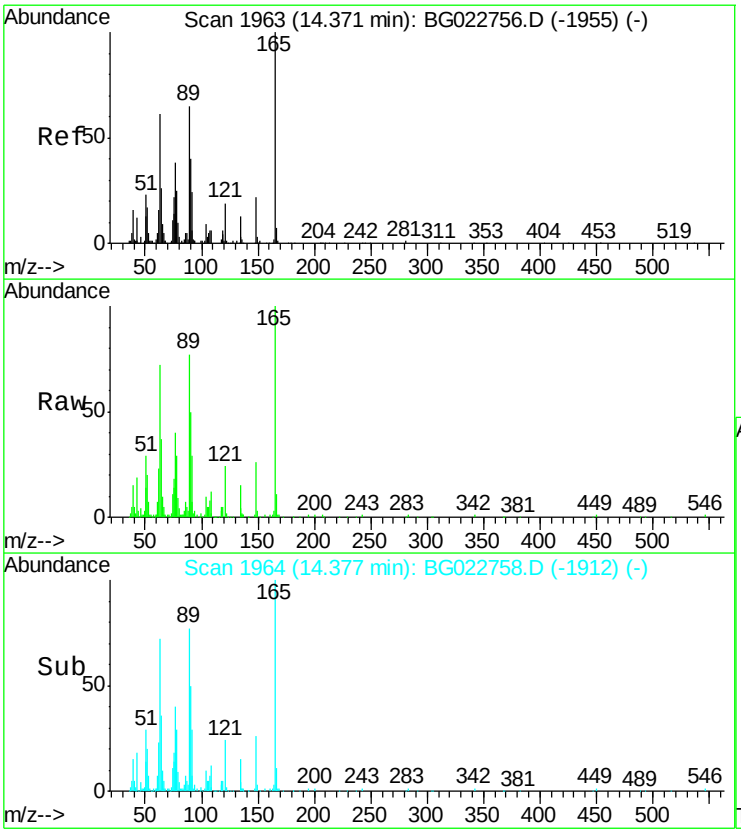
#44
Dimethylphthalate
Concen: 28.50 ng/ul
RT: 14.25 min Scan# 1943
Delta R.T. 0.01 min
Lab File: BG022758.D
Acq: 1 Jul 2016 13:03

Instrument :
BNA_G
ClientSampleId :
A4TX6

Tgt Ion:163 Resp: 844735

Ion	Ratio	Lower	Upper
163	100		
194	5.1	3.4	5.2
164	11.6	8.8	13.2

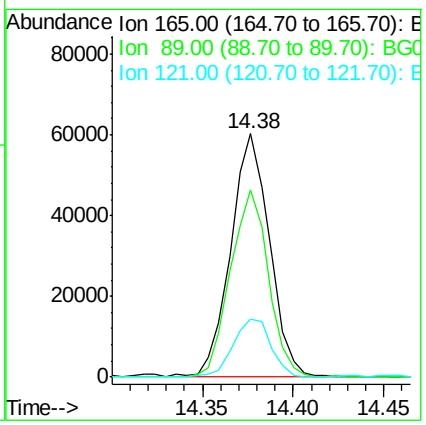


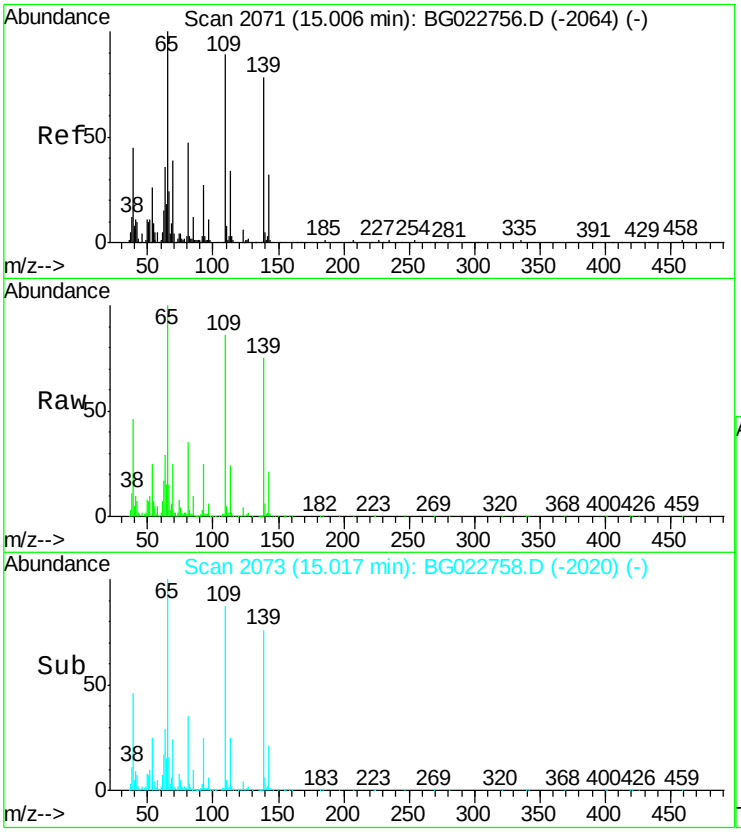


#45
2,6-Dinitrotoluene
Concen: 13.92 ng/ul
RT: 14.38 min Scan# 1964
Delta R.T. 0.01 min
Lab File: BG022758.D
Acq: 1 Jul 2016 13:03

Tgt Ion:165 Resp: 89333

Ion	Ratio	Lower	Upper
165	100		
89	76.8	41.5	62.3#
121	24.0	17.0	25.4



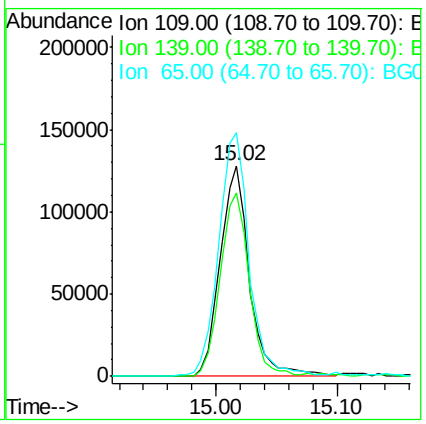


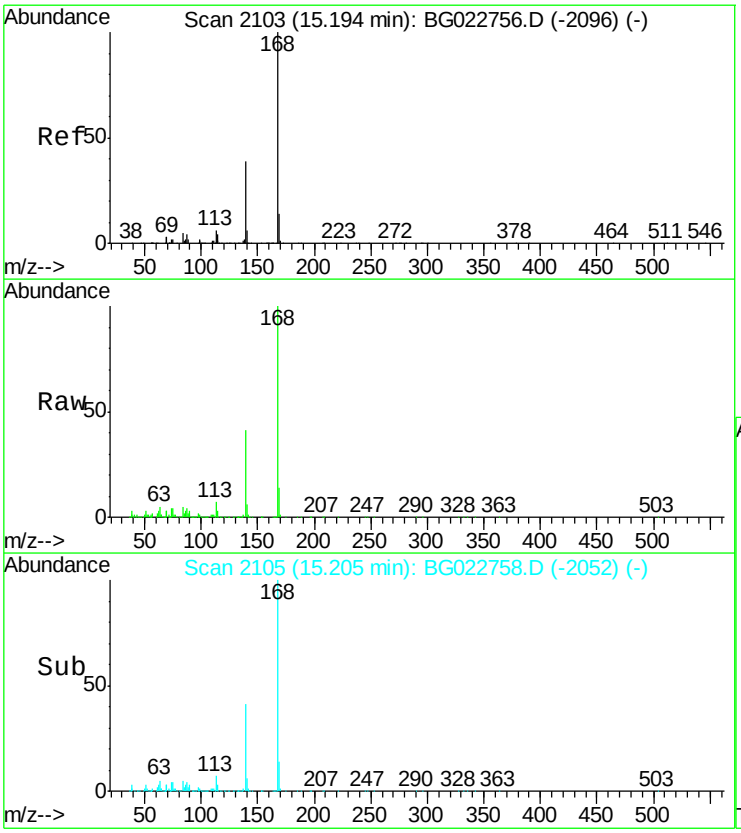
#52
4-Nitrophenol
Concen: 36.32 ng/ul
RT: 15.02 min Scan# 2073
Delta R.T. 0.01 min
Lab File: BG022758.D
Acq: 1 Jul 2016 13:03

Instrument :
BNA_G
ClientSampleId :
A4TX6

Tgt Ion:109 Resp: 210541

Ion	Ratio	Lower	Upper
109	100		
139	87.3	136.1	204.1#
65	115.8	106.0	159.0

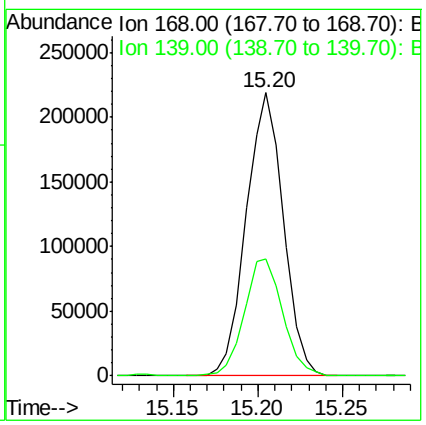


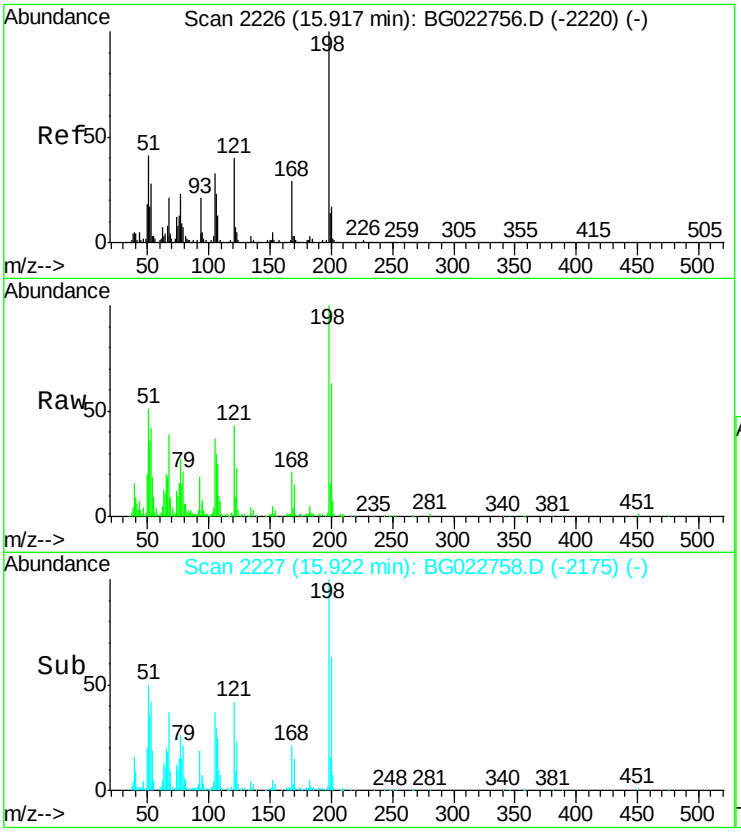


#53
Dibenzofuran
Concen: 9.50 ng/ul
RT: 15.20 min Scan# 2105
Delta R.T. 0.01 min
Lab File: BG022758.D
Acq: 1 Jul 2016 13:03

Tgt Ion:168 Resp: 333870

Ion	Ratio	Lower	Upper
168	100		
139	41.3	27.4	41.0#



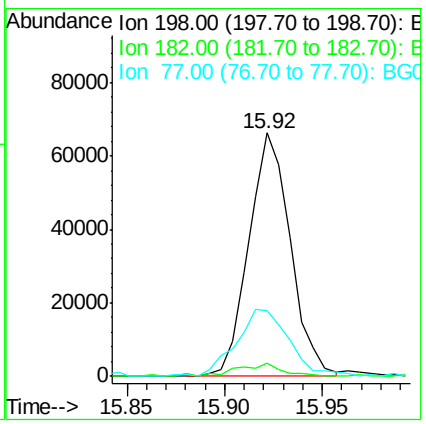


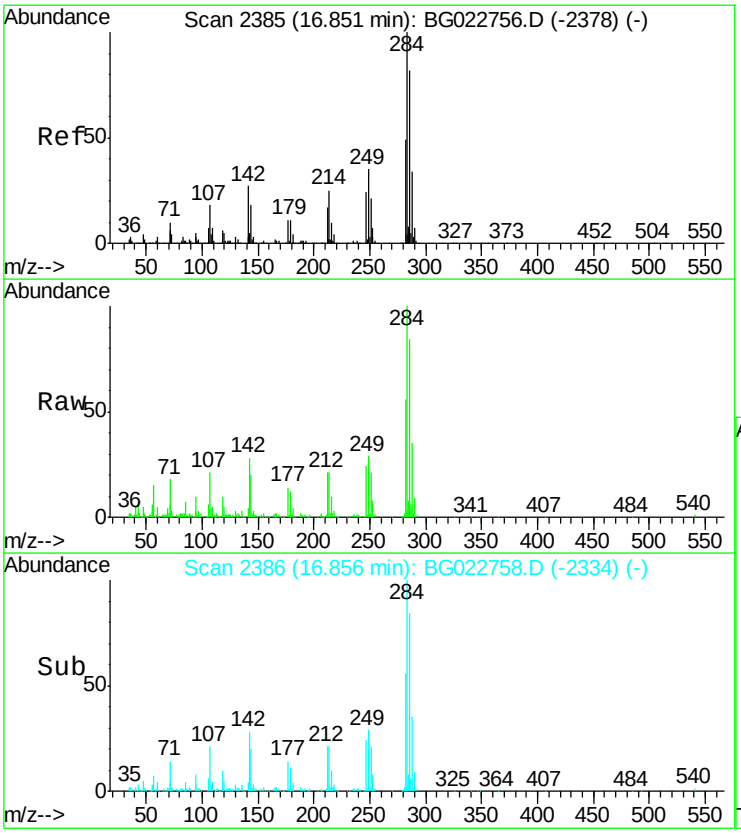
#63
4,6-Dinitro-2-methylphenol
Concen: 17.08 ng/ul
RT: 15.92 min Scan# 2227
Delta R.T. 0.01 min
Lab File: BG022758.D
Acq: 1 Jul 2016 13:03

Instrument :
BNA_G
ClientSampleId :
A4TX6

Tgt Ion:198 Resp: 97836

Ion	Ratio	Lower	Upper
198	100		
182	5.3	4.2	6.2
77	26.7	16.7	25.1#

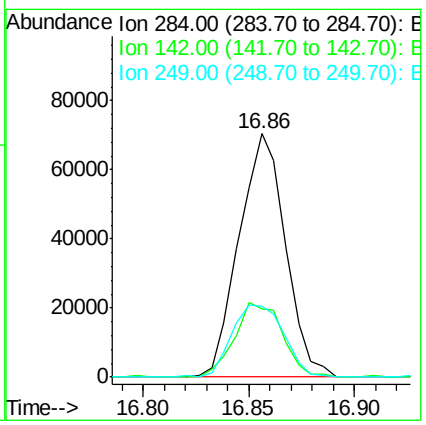


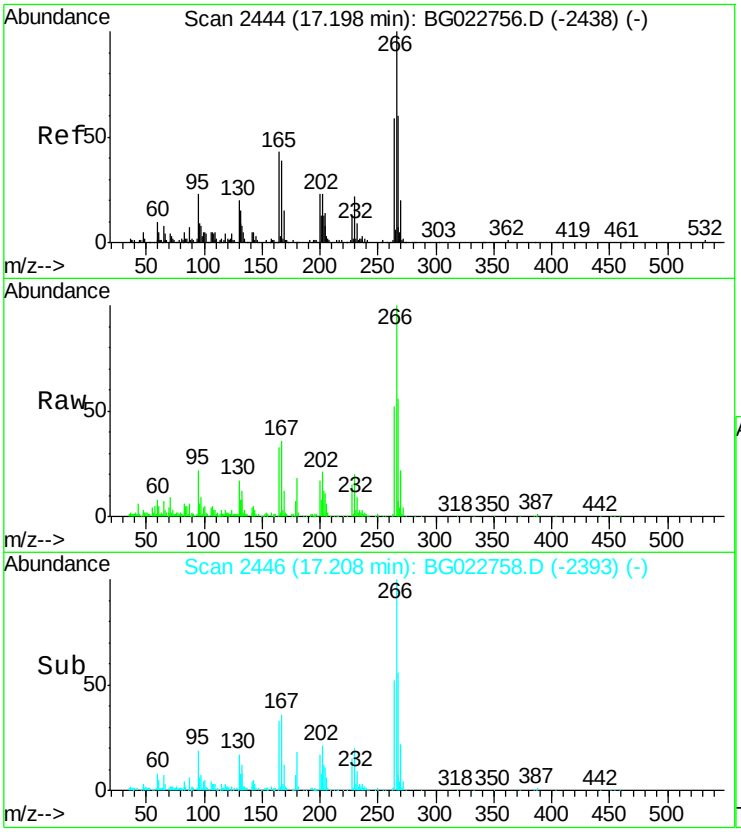


#66
Hexachlorobenzene
Concen: 9.01 ng/ul
RT: 16.86 min Scan# 2386
Delta R.T. 0.01 min
Lab File: BG022758.D
Acq: 1 Jul 2016 13:03

Tgt Ion:284 Resp: 107230

Ion	Ratio	Lower	Upper
284	100		
142	27.8	27.8	41.8#
249	28.8	24.4	36.6



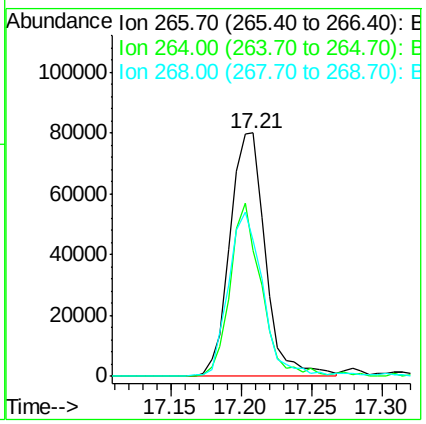


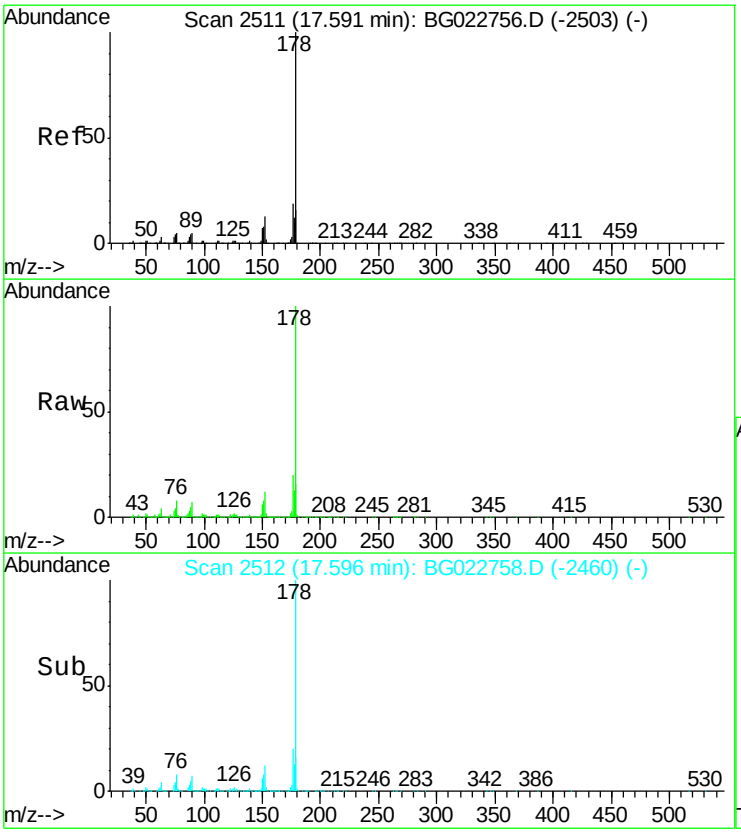
#68
Pentachlorophenol
Concen: 20.54 ng/ul
RT: 17.21 min Scan# 2446
Delta R.T. 0.01 min
Lab File: BG022758.D
Acq: 1 Jul 2016 13:03

Instrument :
BNA_G
ClientSampleId :
A4TX6

Tgt Ion:266 Resp: 140493

Ion	Ratio	Lower	Upper
266	100		
264	51.7	54.7	82.1#
268	56.1	57.8	86.8#

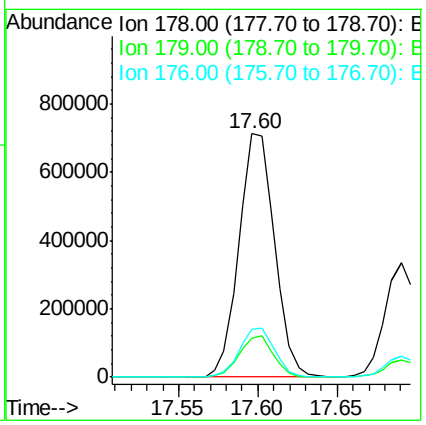


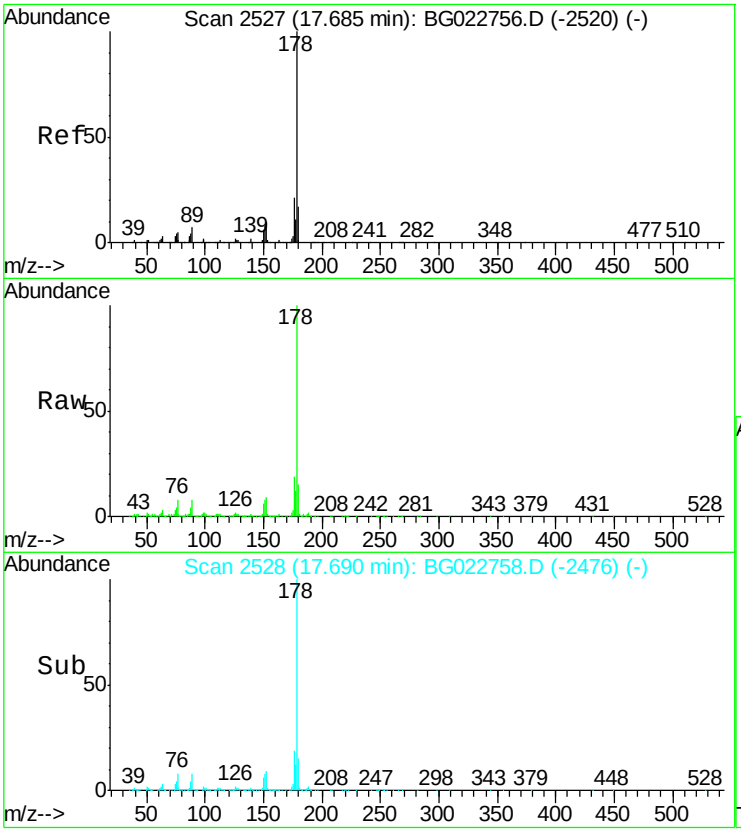


#69
Phenanthrene
Concen: 25.82 ng/ul
RT: 17.60 min Scan# 2512
Delta R.T. 0.01 min
Lab File: BG022758.D
Acq: 1 Jul 2016 13:03

Tgt Ion:178 Resp: 1109772

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.9	19.3
176	19.5	15.8	23.8



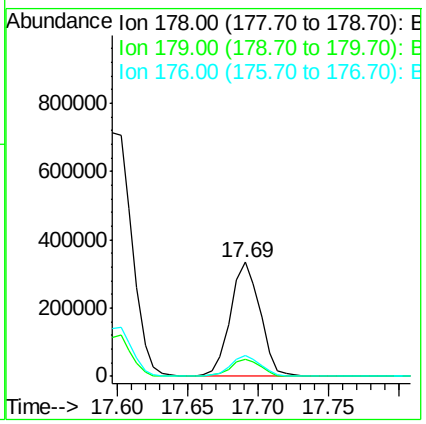


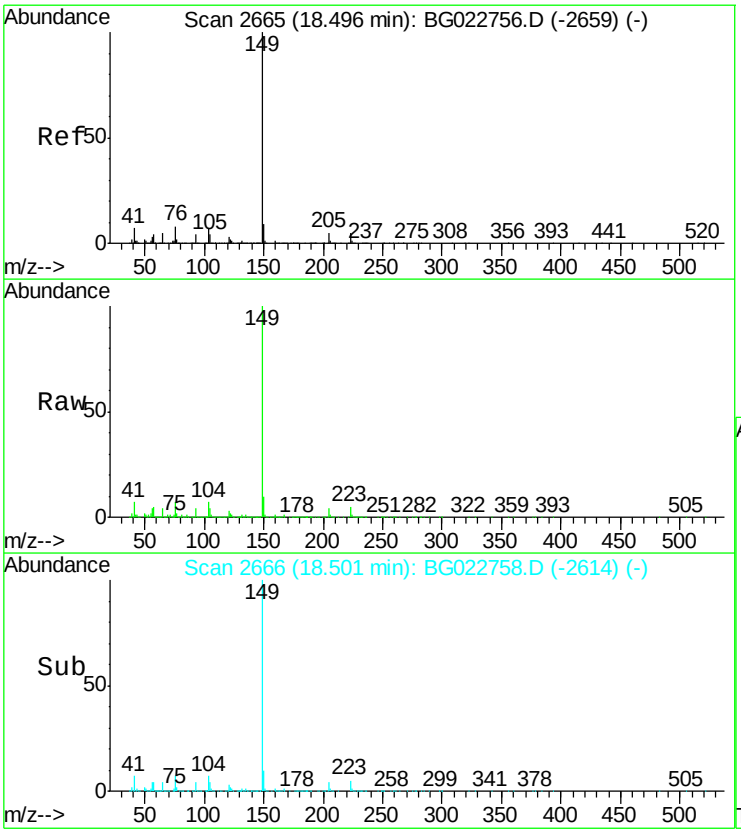
#71
Anthracene
Concen: 11.12 ng/ul
RT: 17.69 min Scan# 2528
Delta R.T. 0.01 min
Lab File: BG022758.D
Acq: 1 Jul 2016 13:03

Instrument :
BNA_G
ClientSampleId :
A4TX6

Tgt Ion:178 Resp: 491058

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.3	18.5
176	18.6	16.3	24.5

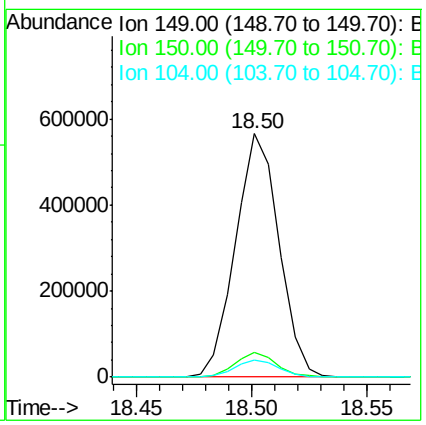


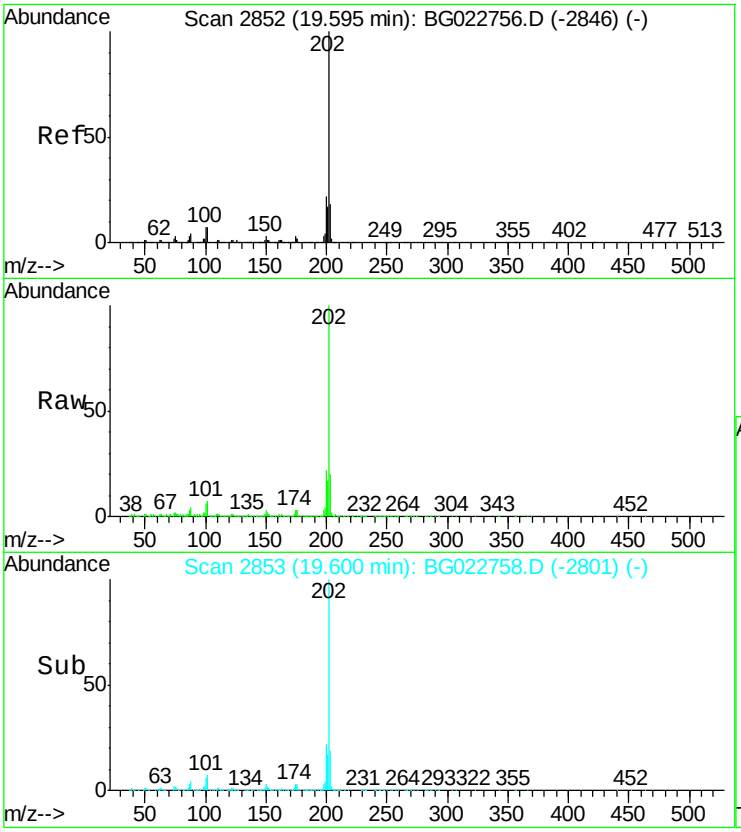


#73
Di-n-butylphthalate
Concen: 17.70 ng/ul
RT: 18.50 min Scan# 2666
Delta R.T. 0.01 min
Lab File: BG022758.D
Acq: 1 Jul 2016 13:03

Tgt Ion:149 Resp: 742590

Ion	Ratio	Lower	Upper
149	100		
150	10.3	7.1	10.7
104	6.9	3.3	4.9#



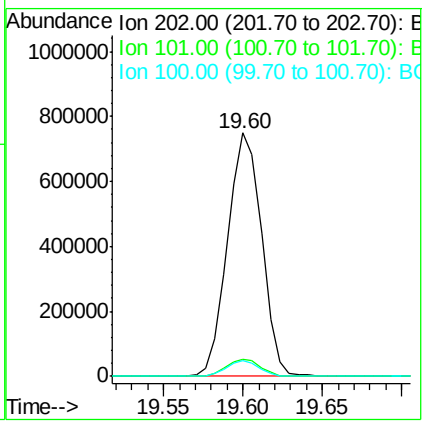


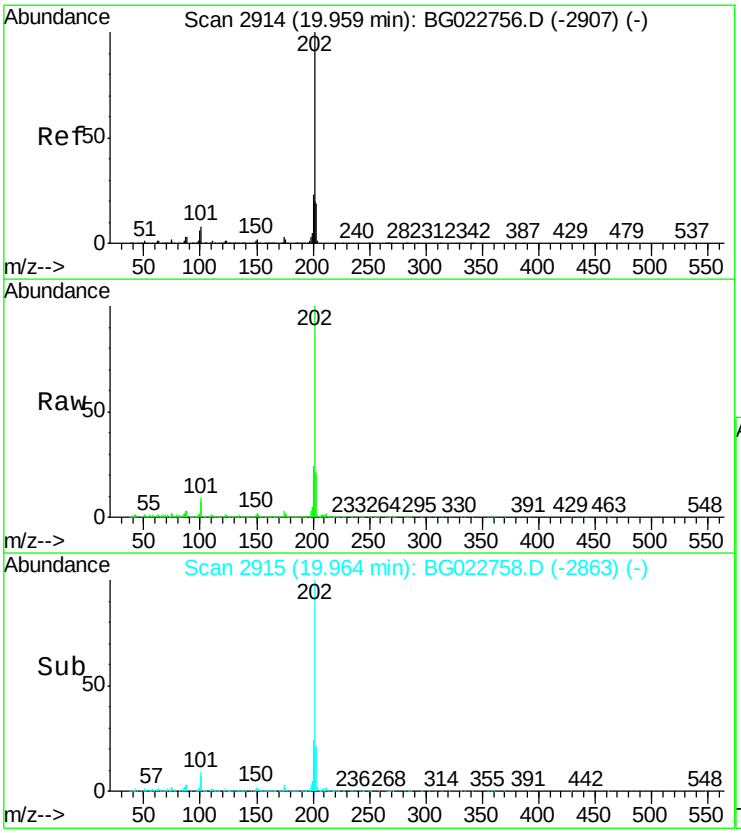
#74
Fluoranthene
Concen: 24.85 ng/ul
RT: 19.60 min Scan# 2853
Delta R.T. 0.01 min
Lab File: BG022758.D
Acq: 1 Jul 2016 13:03

Instrument :
BNA_G
ClientSampleId :
A4TX6

Tgt Ion:202 Resp: 1112691

Ion	Ratio	Lower	Upper
202	100		
101	6.9	10.6	16.0#
100	6.5	8.7	13.1#

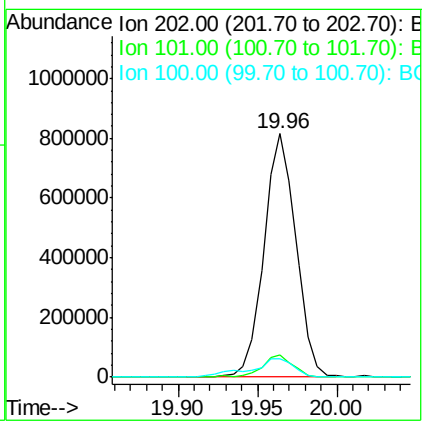


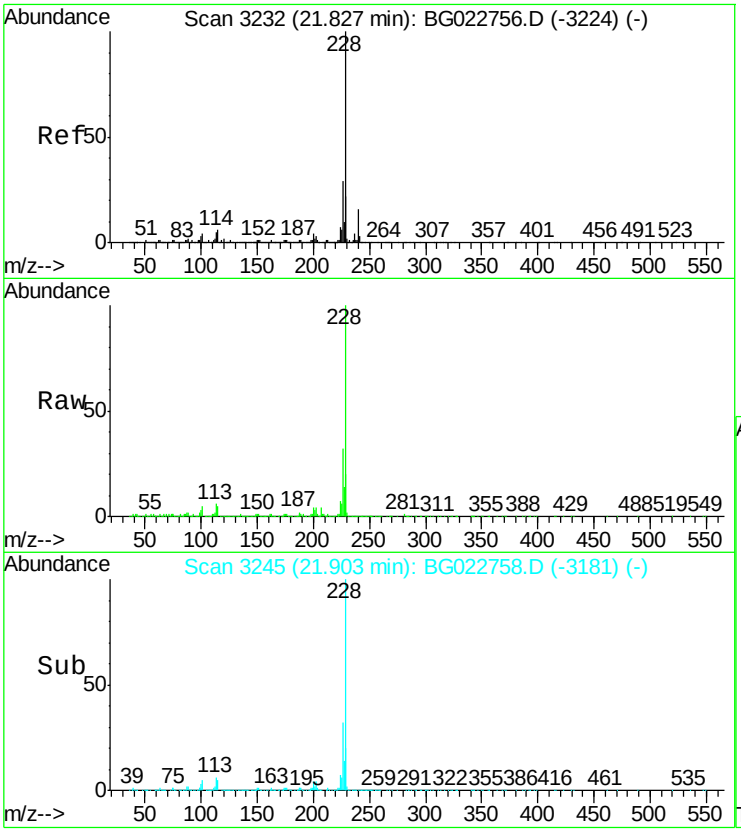


#77
Pyrene
Concen: 21.44 ng/ul
RT: 19.96 min Scan# 2915
Delta R.T. 0.01 min
Lab File: BG022758.D
Acq: 1 Jul 2016 13:03

Tgt Ion:202 Resp: 1139465

Ion	Ratio	Lower	Upper
202	100		
101	9.1	12.5	18.7#
100	7.5	10.2	15.4#



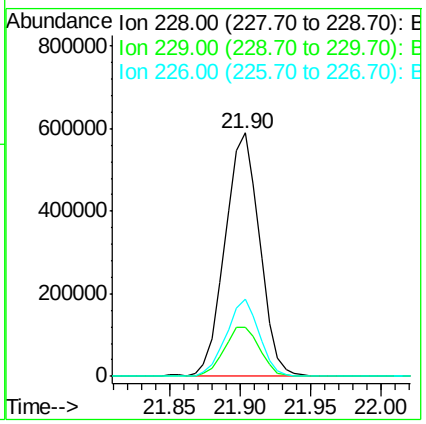


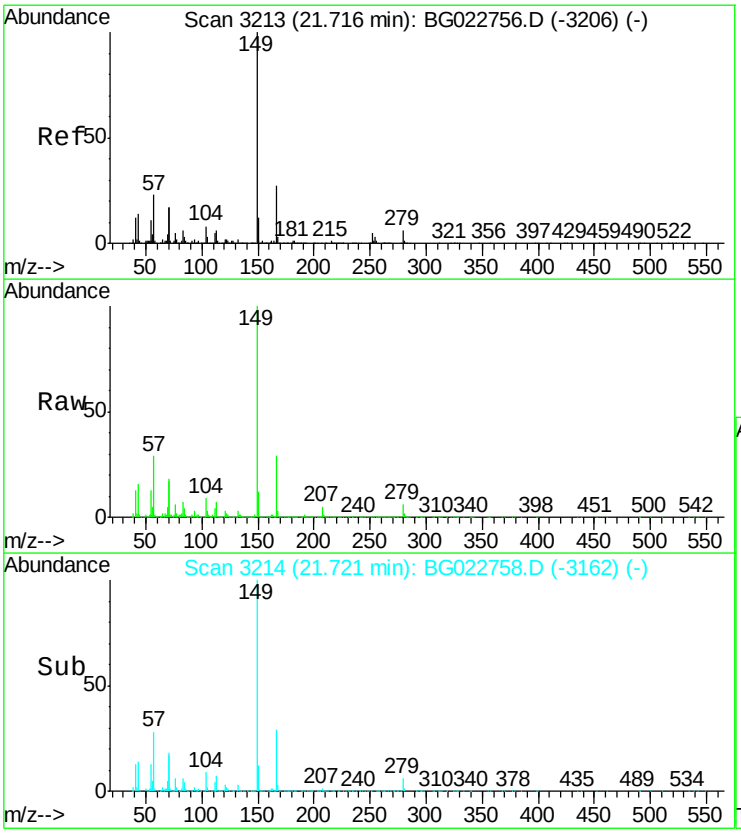
#80
Benzo(a)anthracene
Concen: 18.00 ng/ul
RT: 21.90 min Scan# 3245
Delta R.T. 0.08 min
Lab File: BG022758.D
Acq: 1 Jul 2016 13:03

Instrument :
BNA_G
ClientSampleId :
A4TX6

Tgt Ion:228 Resp: 1002519

Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.4	23.2
226	31.6	22.8	34.2

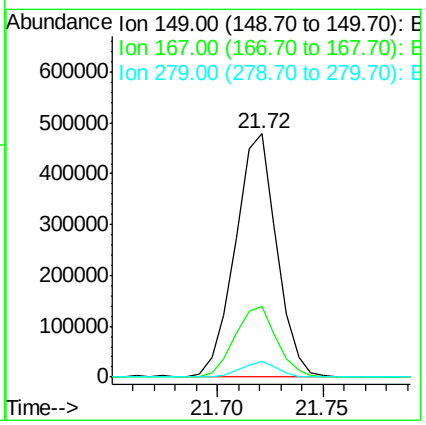


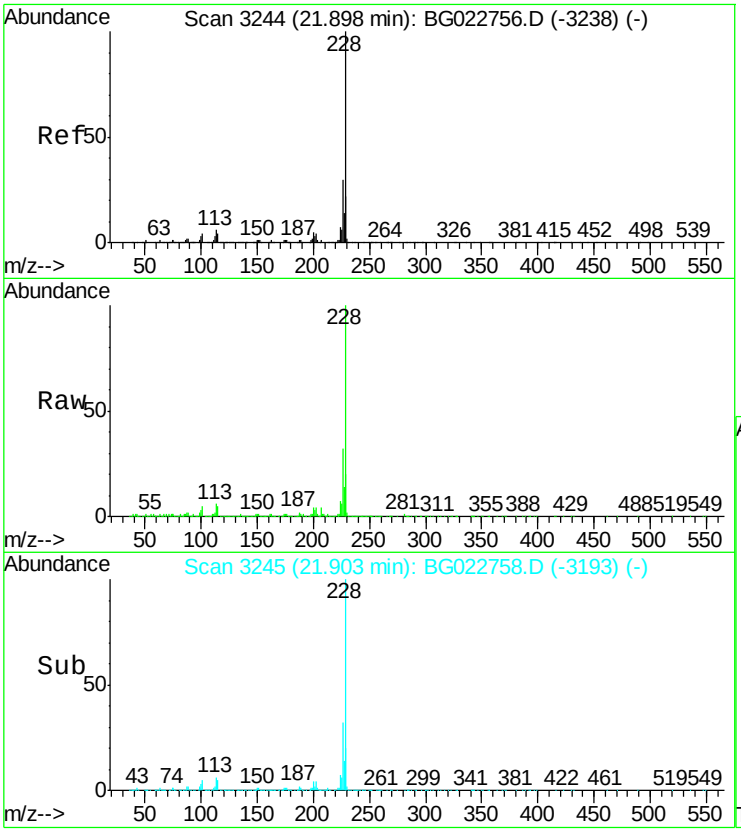


#81
Bis(2-ethylhexyl)phthalate
Concen: 24.25 ng/ul
RT: 21.72 min Scan# 3214
Delta R.T. 0.01 min
Lab File: BG022758.D
Acq: 1 Jul 2016 13:03

Tgt Ion:149 Resp: 645090

Ion	Ratio	Lower	Upper
149	100		
167	29.2	21.9	32.9
279	6.2	2.9	4.3#



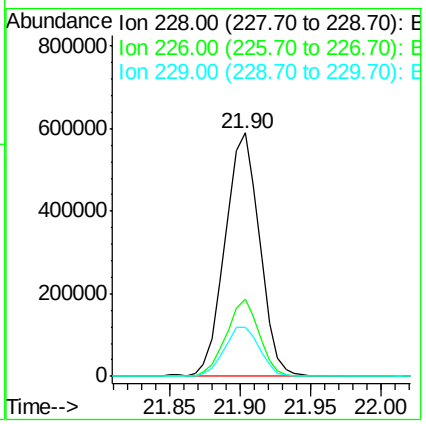


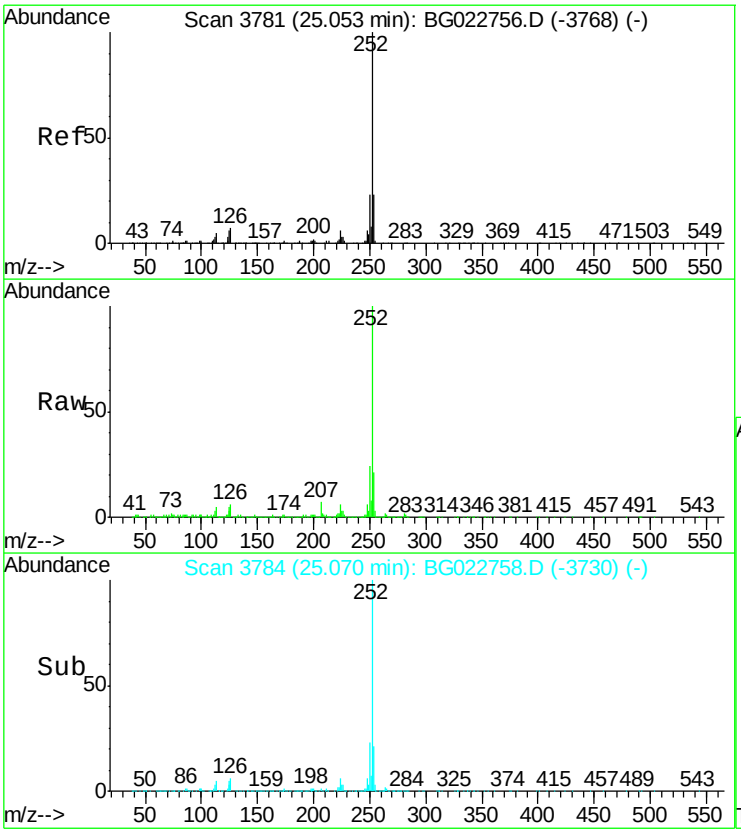
#82
Chrysene
Concen: 19.78 ng/ul
RT: 21.90 min Scan# 3245
Delta R.T. 0.01 min
Lab File: BG022758.D
Acq: 1 Jul 2016 13:03

Instrument :
BNA_G
ClientSampleId :
A4TX6

Tgt Ion:228 Resp: 1002519

Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.2	36.4
229	20.4	15.0	22.6

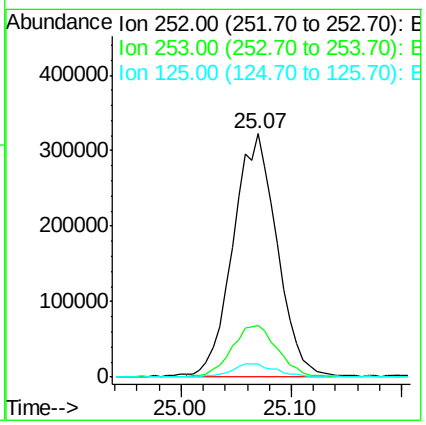


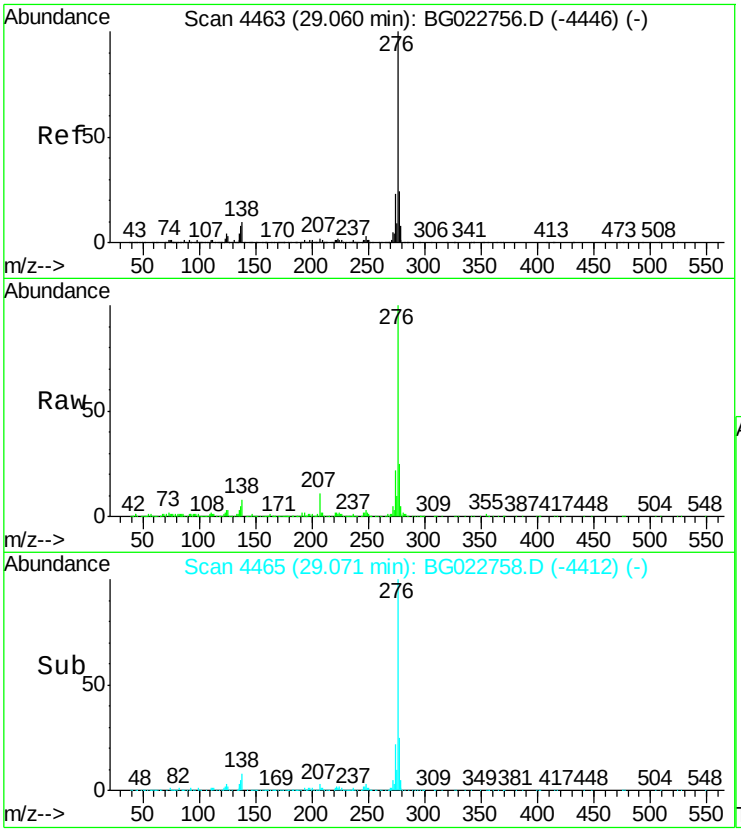


#88
Benzo(a)pyrene
Concen: 15.52 ng/ul
RT: 25.07 min Scan# 3784
Delta R.T. 0.02 min
Lab File: BG022758.D
Acq: 1 Jul 2016 13:03

Tgt Ion:252 Resp: 900289

Ion	Ratio	Lower	Upper
252	100		
253	21.1	19.0	28.4
125	5.4	12.0	18.0#



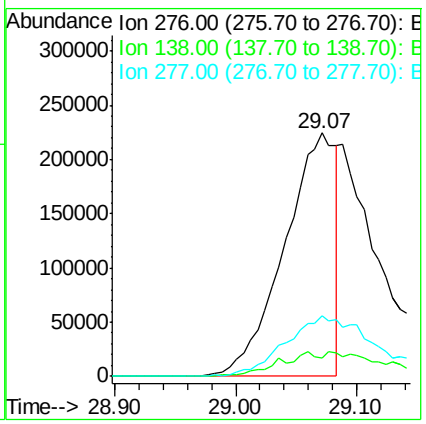


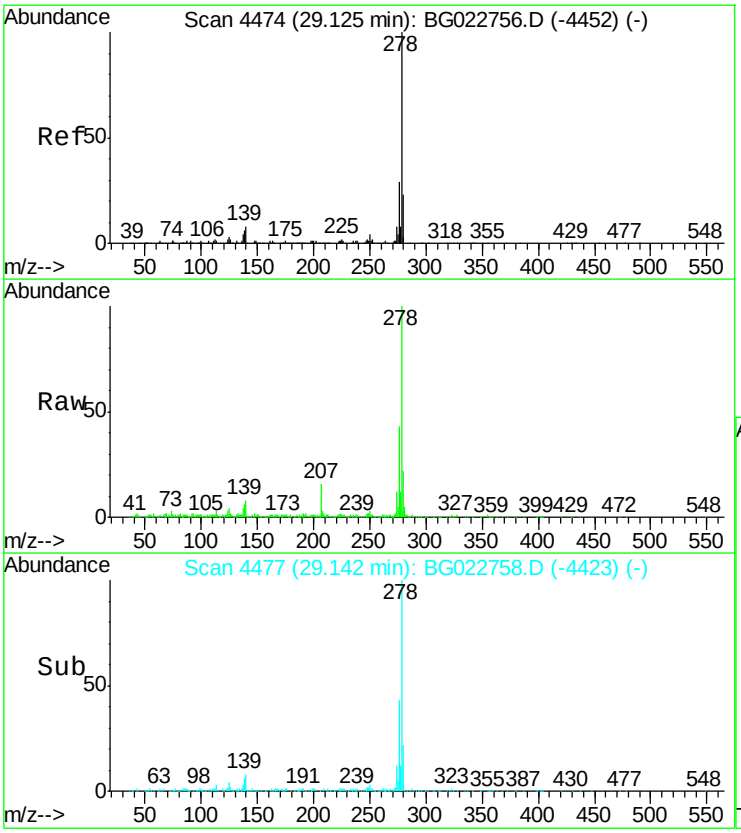
#89
Indeno(1,2,3-cd)pyrene
Concen: 10.86 ng/ul
RT: 29.07 min Scan# 4465
Delta R.T. 0.01 min
Lab File: BG022758.D
Acq: 1 Jul 2016 13:03

Instrument :
BNA_G
ClientSampleId :
A4TX6

Tgt Ion:276 Resp: 665628

Ion	Ratio	Lower	Upper
276	100		
138	7.5	20.8	31.2#
277	24.8	17.6	26.4





#90
Dibenzo(a,h)anthracene
Concen: 12.25 ng/ul
RT: 29.14 min Scan# 4477
Delta R.T. 0.02 min
Lab File: BG022758.D
Acq: 1 Jul 2016 13:03

Tgt Ion:278 Resp: 621128

Ion	Ratio	Lower	Upper
278	100		
139	8.4	16.3	24.5#
279	22.4	19.1	28.7