Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121515\
Data File : BG020157.D
Acq On : 14 Dec 2015 17:36
Operator : UM/SJ
Sample : G4787-23
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9BP4

Quant Time: Dec 15 03:50:36 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 15 03:46:07 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	15438	20.00	ng/ul	0.00
18) Naphthalene-d8	10.92	136	71882	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	51292	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	129321	20.00	ng/ul	0.00
78) Chrysene-d12	21.75	240	142046	20.00	ng/ul	0.00
86) Perylene-d12	25.02	264	134469	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	1349	4.82	ng/uL	0.00
5) Phenol-d5	7.24	99	35447	26.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	22020	27.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	26433	26.70	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	32491	27.91	ng/ul	0.00
19) Nitrobenzene-d5	9.27	128	15135	27.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	18175	29.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	33598	26.60	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	39566	27.89	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	145394	35.04	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	164813	34.14	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	24410	32.81	ng/ul	0.00
58) Fluorene-d10	15.72	176	135378	35.97	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	19300	25.17	ng/ul	0.00
71) Anthracene-d10	17.57	188	232548	39.03	ng/ul	0.00
79) Pyrene-d10	19.85	212	263916	39.86	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	275714	41.11	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	7.23	77	28654	32.51	ng/ul	93
10) 2-Chlorophenol	7.66	128	2874	2.77	ng/ul	94
23) 2-Nitrophenol	10.02	139	20998	31.41	ng/ul	94
28) Naphthalene	10.96	128	22480	5.99	ng/ul	98
30) 4-Chloroaniline	10.97	127	2969	2.05	ng/ul#	31
31) Hexachlorobutadiene	11.25	225	13771	14.24	ng/ul	100
33) 4-Chloro-3-methylphenol	12.18	107	12706	8.24	ng/ul	87
35) 1-Methylnaphthalene	12.79	142	35831	13.00	ng/ul#	98
37) 1,2,4,5-Tetrachlorobenzene	12.93	216	12133	6.30	ng/ul#	90
39) 2,4,6-Trichlorophenol	13.16	196	17373	14.07	ng/ul	99
40) 2,4,5-Trichlorophenol	13.16	196	14687	10.70	ng/ul	98
41) 1,1'-Biphenyl	13.57	154	86521	22.36	ng/ul	96
45) Dimethylphthalate	14.18	163	155643	36.73	ng/ul	99
46) 2,6-Dinitrotoluene	14.30	165	13934	15.90	ng/ul	92
53) 4-Nitrophenol	14.92	109	28084	39.24	ng/ul	93
54) Dibenzofuran	15.12	168	50386	9.82	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.84	198	13353	16.22	ng/ul#	94
67) Hexachlorobenzene	16.77	284	14004	8.59	ng/ul	94
69) Pentachlorophenol	17.12	266	18759	19.08	ng/ul	94
70) Phenanthrene	17.51	178	186011	26.30	ng/ul	98
72) Anthracene	17.60	178	79082	11.02	ng/ul	98
76) Di-n-butylphthalate	18.42	149	127656	18.22	ng/ul	99
77) Fluoranthene	19.52	202	189504	22.92	ng/ul	99

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121515\
Data File : BG020157.D
Acq On : 14 Dec 2015 17:36
Operator : UM/SJ
Sample : G4787-23
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9BP4

Quant Time: Dec 15 03:50:36 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 15 03:46:07 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Pyrene	19.88	202	198044	23.04	ng/ul	97
83) Benzo(a)anthracene	21.79	228	151818	18.32	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.62	149	103855	24.31	ng/ul	97
85) Chrysene	21.79	228	151739	19.44	ng/ul	98
91) Benzo(a)pyrene	24.86	252	126742	16.52	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.74	276	176771	19.35	ng/ul	97
93) Dibenzo(a,h)anthracene	28.81	278	90137	11.89	ng/ul	99

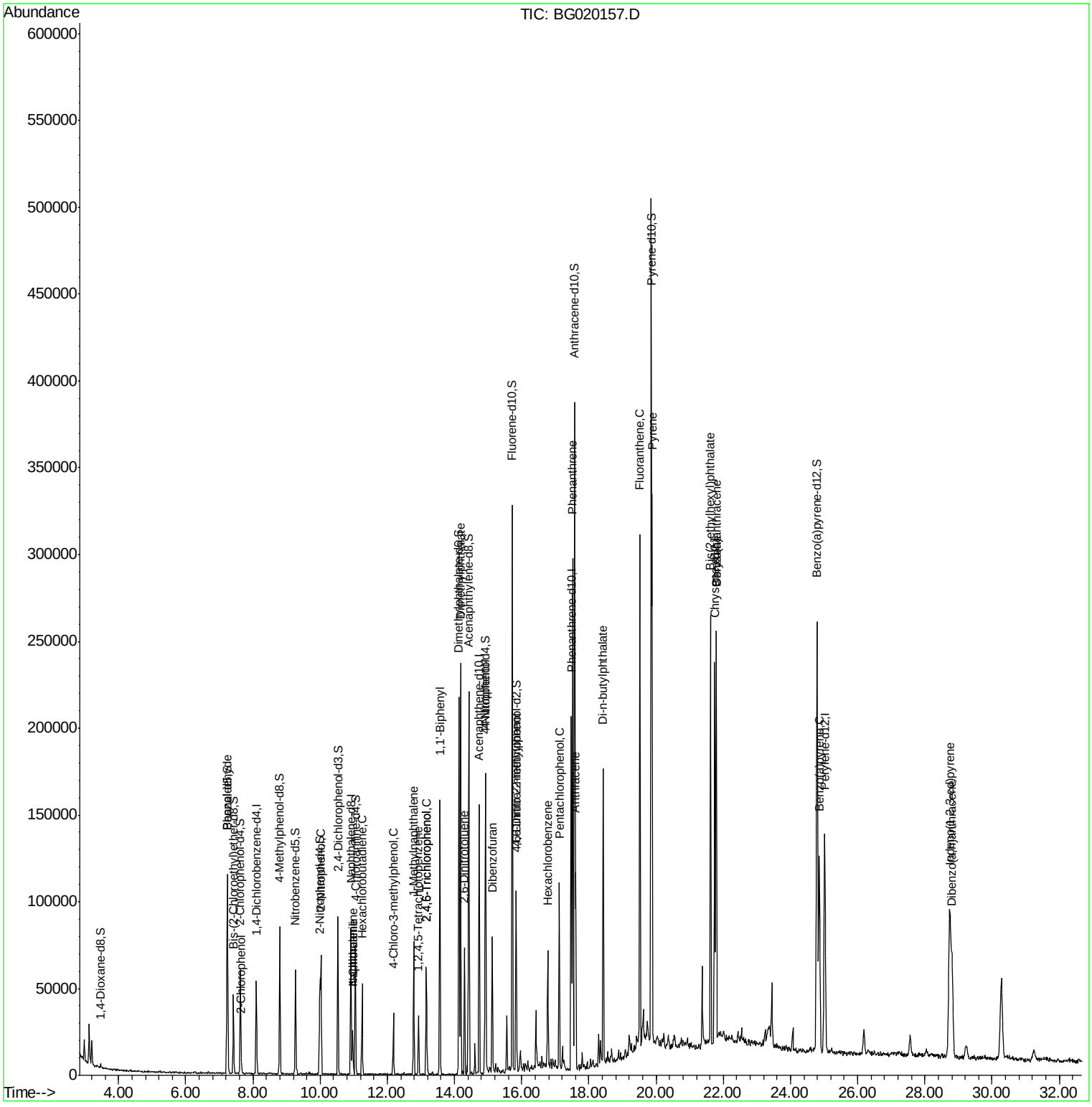
(#) = qualifier out of range (m) = manual integration (+) = signals summed

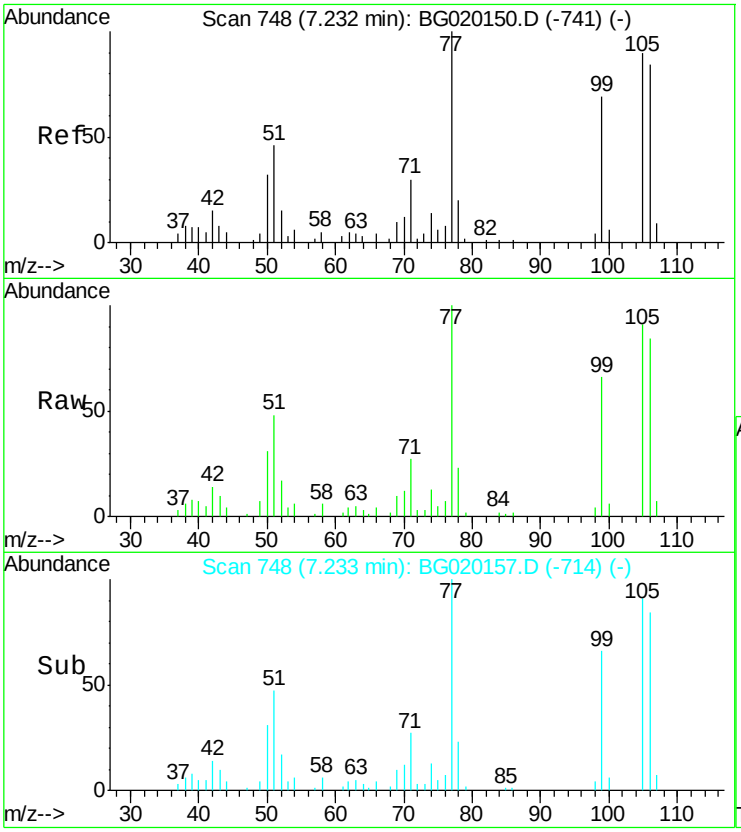
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121515\
Data File : BG020157.D
Acq On : 14 Dec 2015 17:36
Operator : UM/SJ
Sample : G4787-23
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
G9BP4

Quant Time: Dec 15 03:50:36 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 15 03:46:07 2015
Response via : Initial Calibration



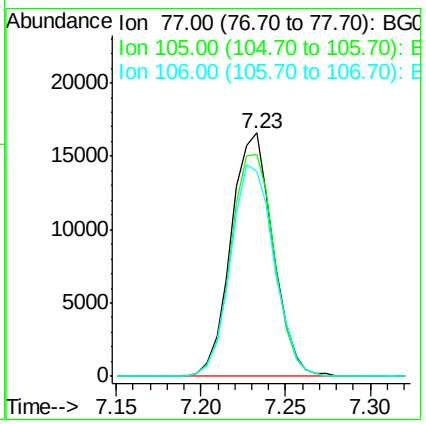


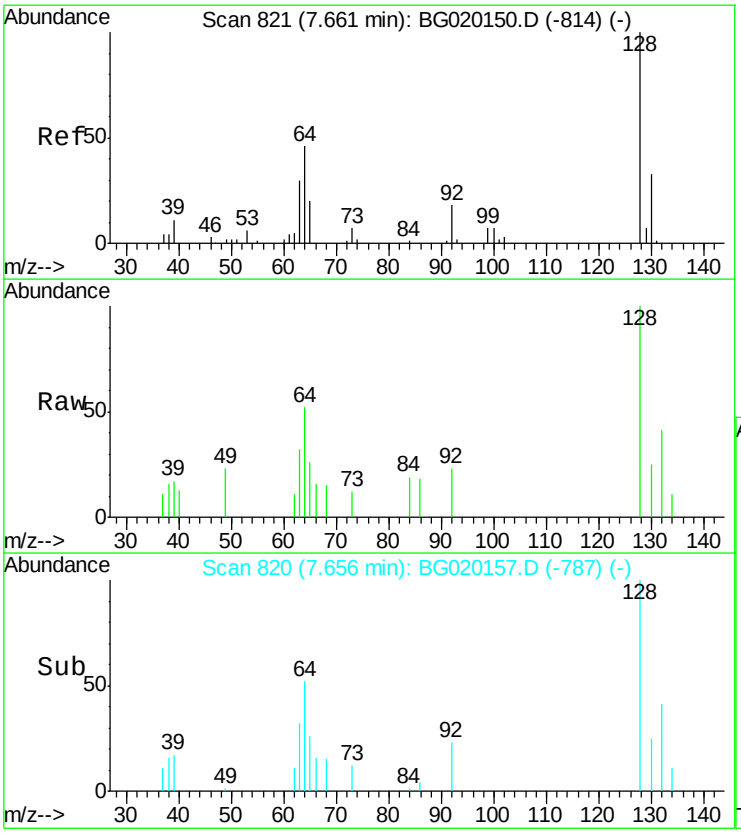
#4
Benzaldehyde
Concen: 32.51 ng/ul
RT: 7.23 min Scan# 748
Delta R.T. 0.00 min
Lab File: BG020157.D
Acq: 14 Dec 2015 17:36

Instrument :
BNA_G
ClientSampleId :
G9BP4

Tgt Ion: 77 Resp: 28654

Ion	Ratio	Lower	Upper
77	100		
105	91.2	77.8	116.6
106	84.2	72.6	109.0

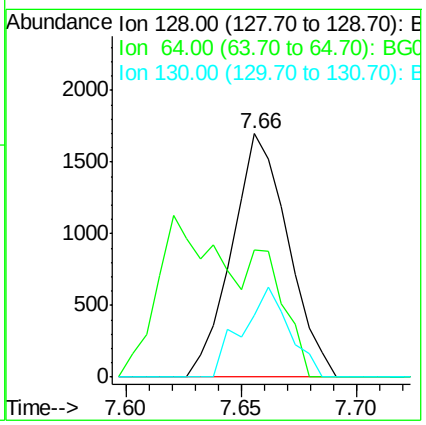


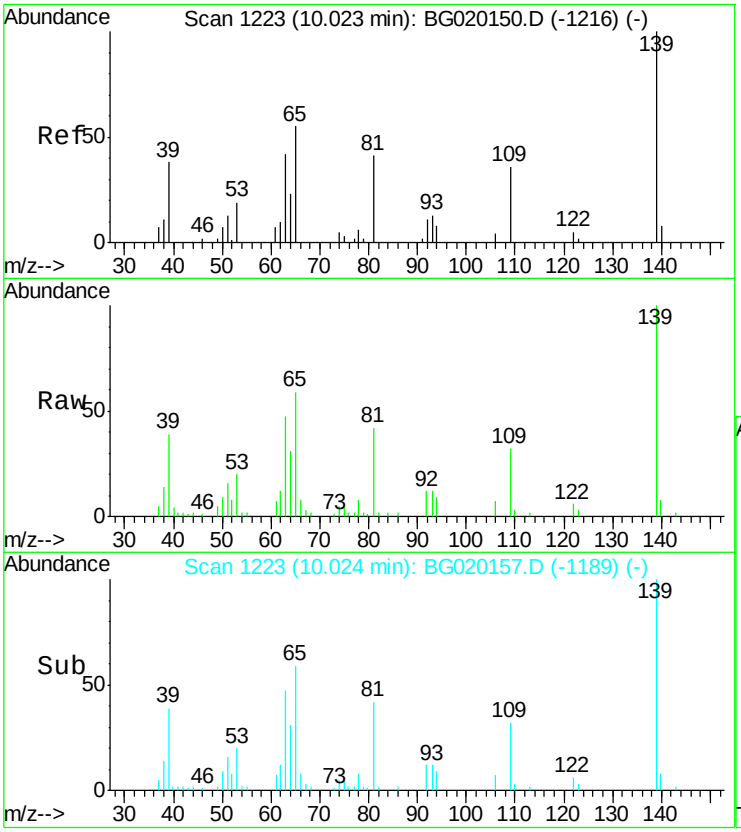


#10
2-Chlorophenol
Concen: 2.77 ng/ul
RT: 7.66 min Scan# 820
Delta R.T. -0.01 min
Lab File: BG020157.D
Acq: 14 Dec 2015 17:36

Tgt Ion:128 Resp: 2874

Ion	Ratio	Lower	Upper
128	100		
64	52.0	39.4	59.0
130	25.4	24.6	36.8



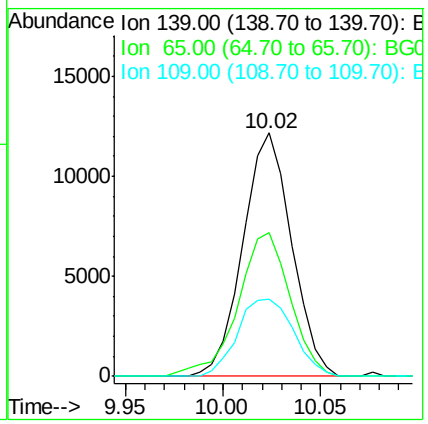


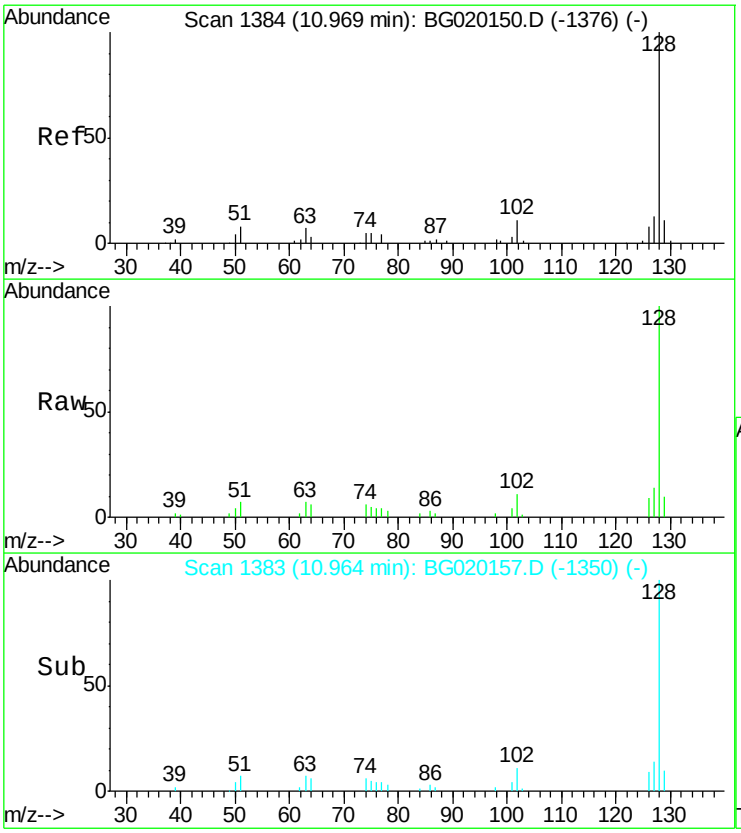
#23
2-Nitrophenol
Concen: 31.41 ng/ul
RT: 10.02 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BG020157.D
Acq: 14 Dec 2015 17:36

Instrument :
BNA_G
ClientSampleId :
G9BP4

Tgt Ion:139 Resp: 20998

Ion	Ratio	Lower	Upper
139	100		
65	59.2	45.1	67.7
109	32.0	29.6	44.4

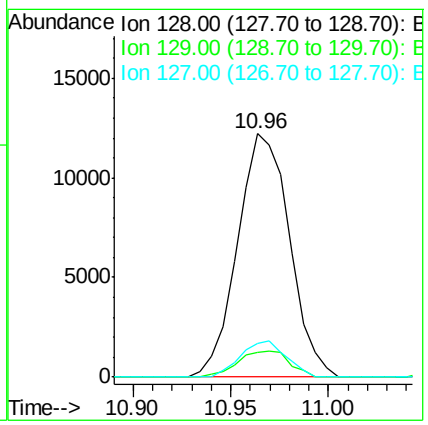


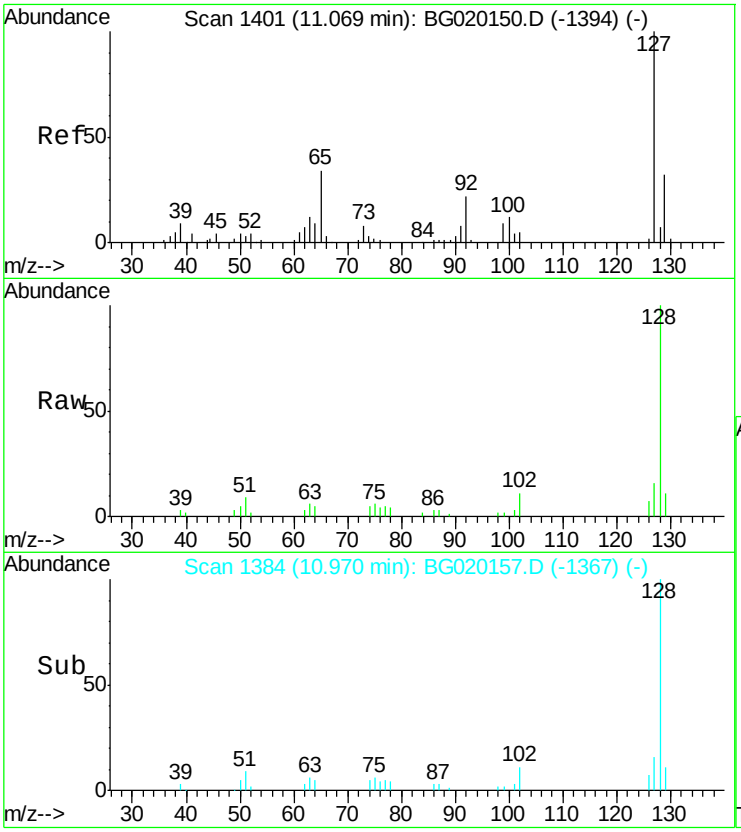


#28
Naphthalene
Concen: 5.99 ng/ul
RT: 10.96 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BG020157.D
Acq: 14 Dec 2015 17:36

Tgt Ion:128 Resp: 22480

Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.6	12.8
127	14.1	10.1	15.1



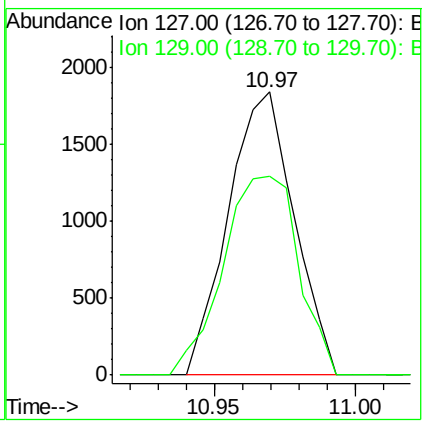


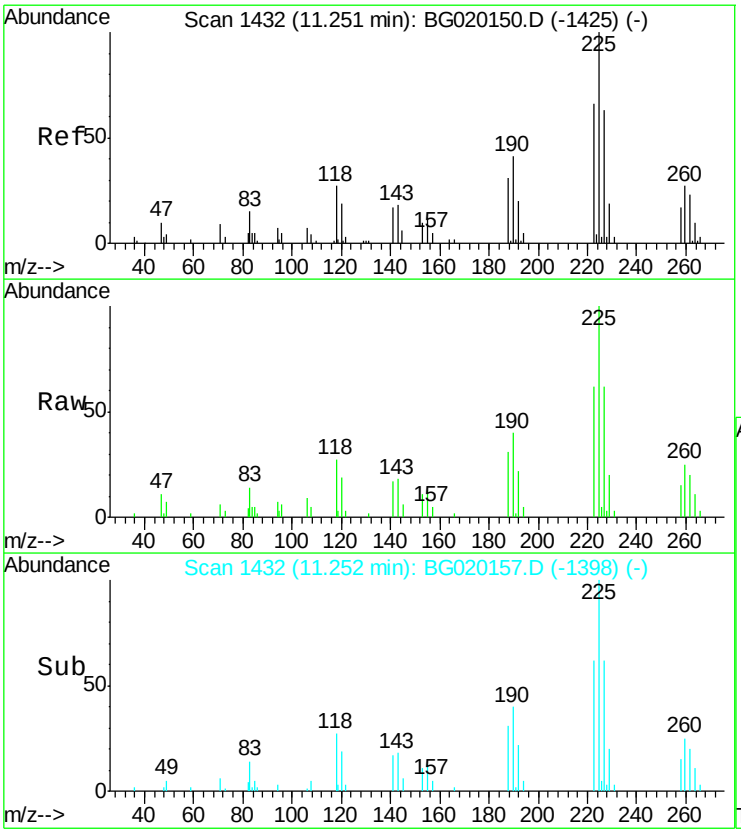
#30
4-Chloroaniline
Concen: 2.05 ng/ul
RT: 10.97 min Scan# 1384
Delta R.T. -0.10 min
Lab File: BG020157.D
Acq: 14 Dec 2015 17:36

Instrument :
BNA_G
ClientSampleId :
G9BP4

Tgt Ion:127 Resp: 2969

Ion	Ratio	Lower	Upper
127	100		
129	70.5	25.7	38.5#

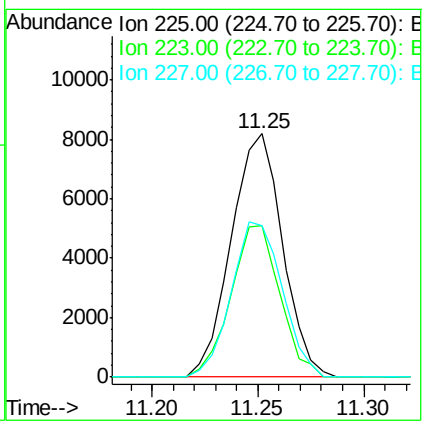


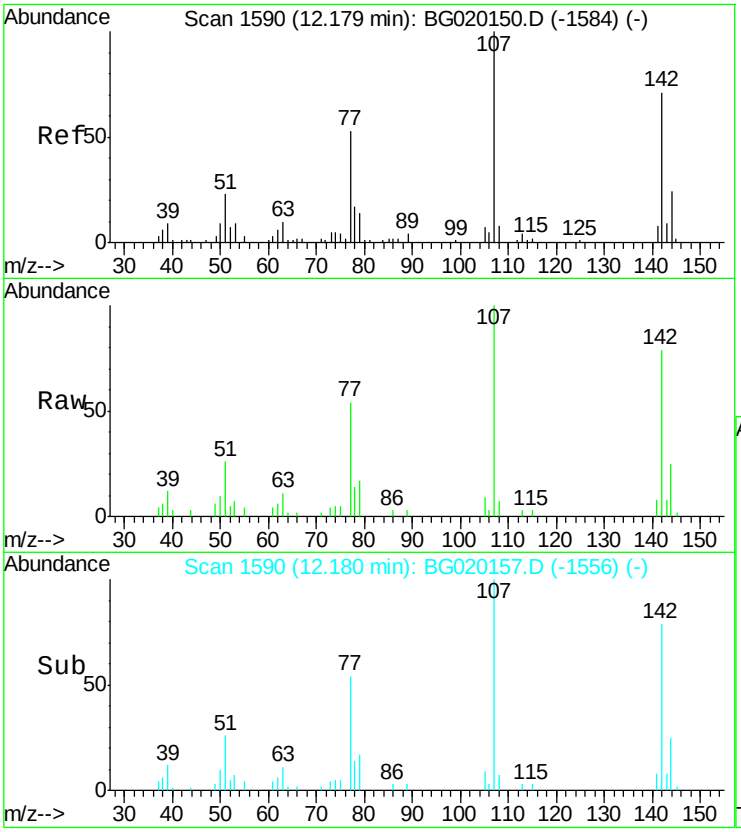


#31
Hexachlorobutadiene
Concen: 14.24 ng/ul
RT: 11.25 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BG020157.D
Acq: 14 Dec 2015 17:36

Tgt Ion:225 Resp: 13771

Ion	Ratio	Lower	Upper
225	100		
223	58.9	47.0	70.6
227	61.8	49.7	74.5



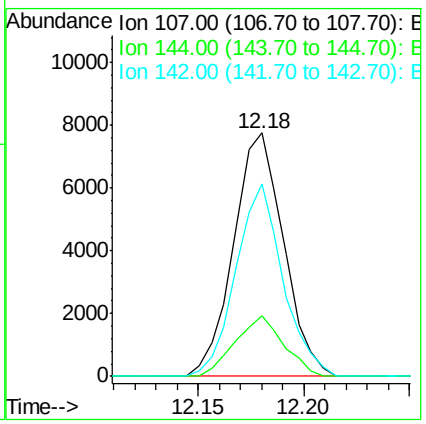


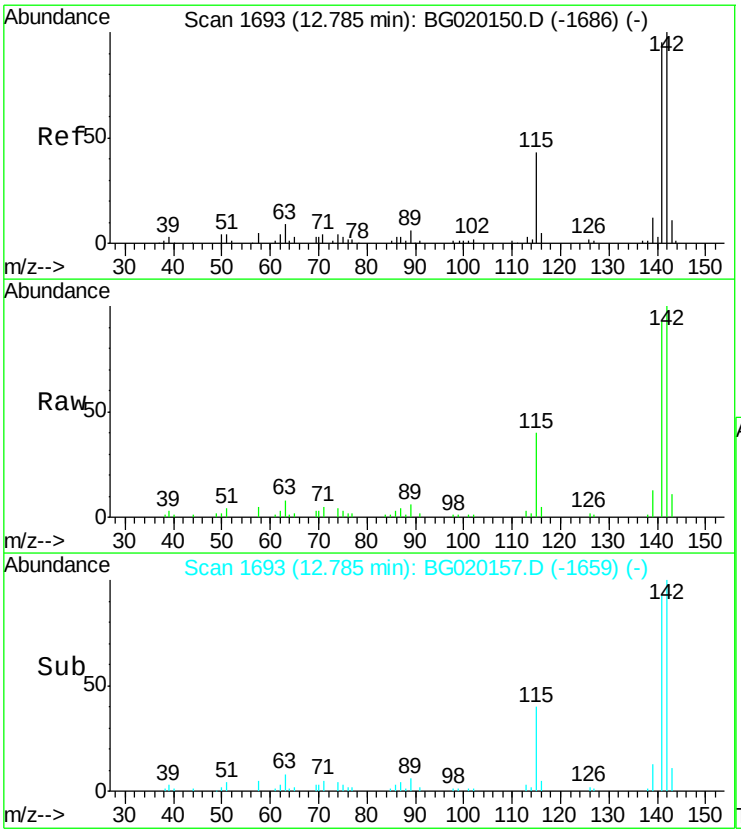
#33
4-Chloro-3-methylphenol
Concen: 8.24 ng/ul
RT: 12.18 min Scan# 1590
Delta R.T. 0.00 min
Lab File: BG020157.D
Acq: 14 Dec 2015 17:36

Instrument :
BNA_G
ClientSampleId :
G9BP4

Tgt Ion:107 Resp: 12706

Ion	Ratio	Lower	Upper
107	100		
144	24.8	18.7	28.1
142	78.9	52.8	79.2

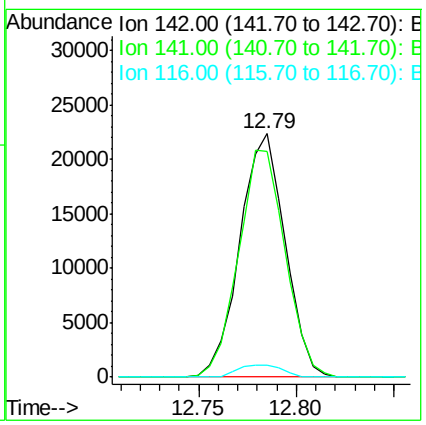


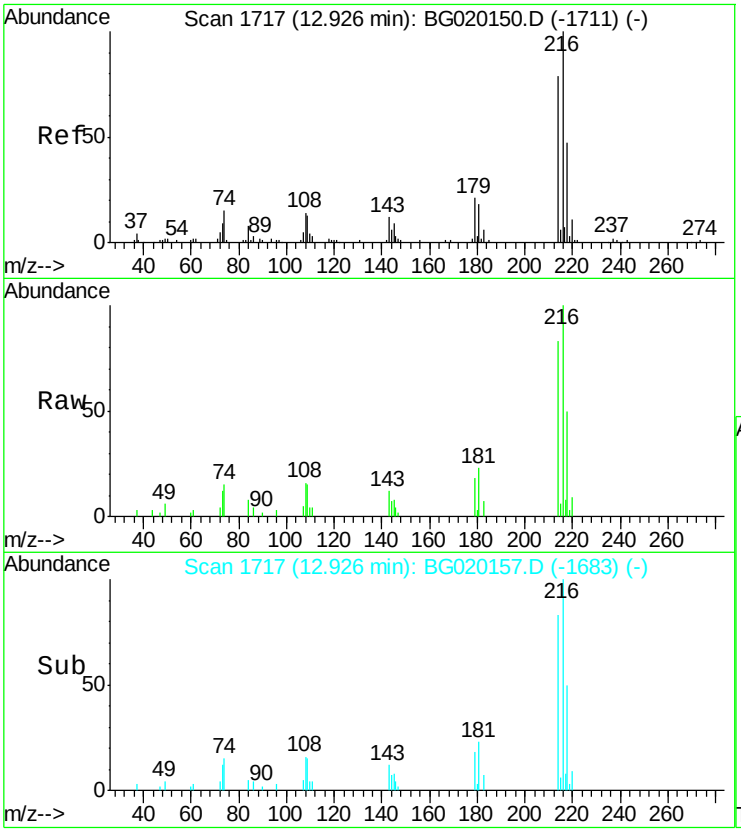


#35
1-Methylnaphthalene
Concen: 13.00 ng/ul
RT: 12.79 min Scan# 1693
Delta R.T. 0.00 min
Lab File: BG020157.D
Acq: 14 Dec 2015 17:36

Tgt Ion:142 Resp: 35831

Ion	Ratio	Lower	Upper
142	100		
141	92.8	73.0	109.6
116	4.9	3.0	4.6#



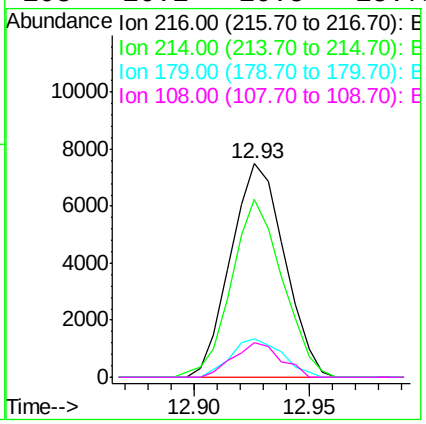


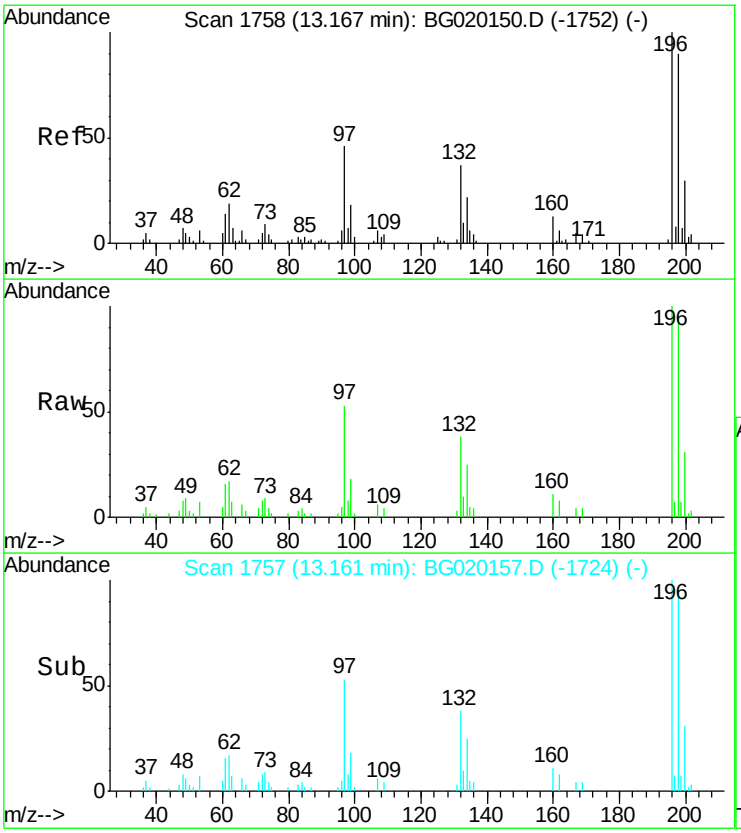
#37
1,2,4,5-Tetrachlorobenzene
Concen: 6.30 ng/ul
RT: 12.93 min Scan# 1717
Delta R.T. 0.00 min
Lab File: BG020157.D
Acq: 14 Dec 2015 17:36

Instrument :
BNA_G
ClientSampleId :
G9BP4

Tgt Ion:216 Resp: 12133

Ion	Ratio	Lower	Upper
216	100		
214	89.3	62.6	93.8
179	18.2	14.7	22.1
108	16.1	10.5	15.7#

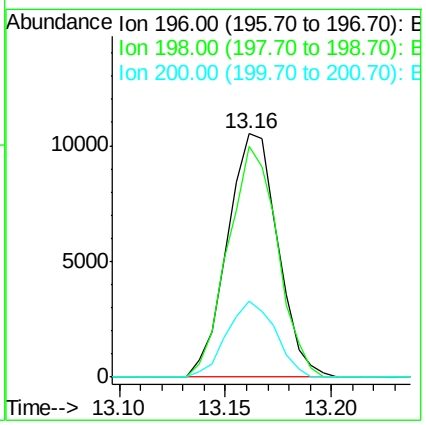


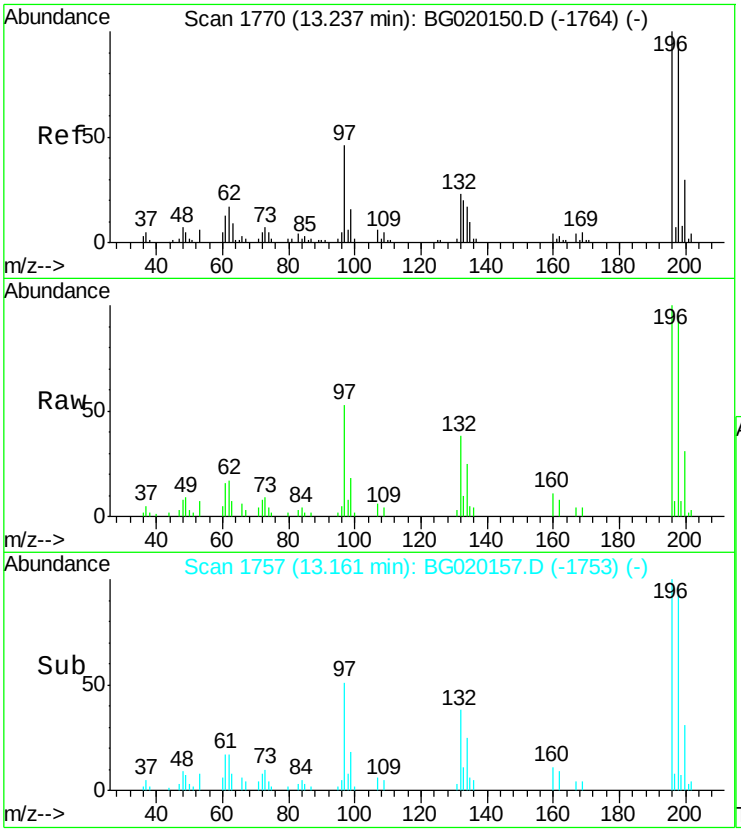


#39
2,4,6-Trichlorophenol
Concen: 14.07 ng/ul
RT: 13.16 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BG020157.D
Acq: 14 Dec 2015 17:36

Tgt Ion:196 Resp: 17373

Ion	Ratio	Lower	Upper
196	100		
198	94.8	75.9	113.9
200	31.1	25.8	38.8



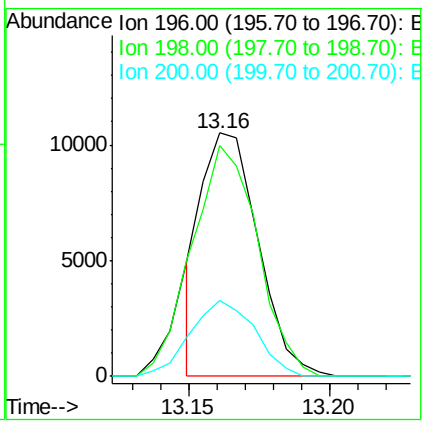


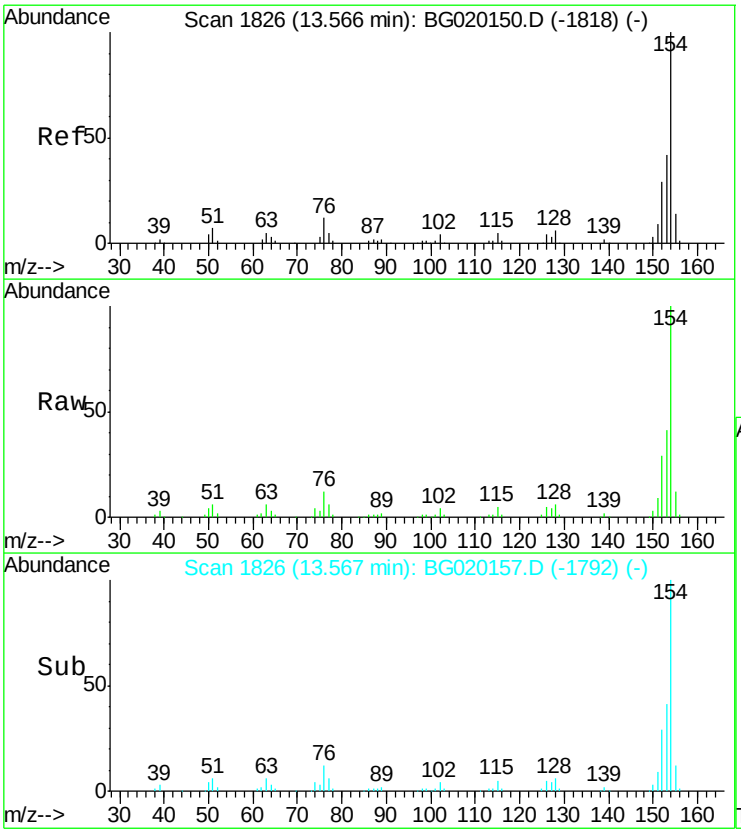
#40
2,4,5-Trichlorophenol
Concen: 10.70 ng/ul
RT: 13.16 min Scan# 1757
Delta R.T. -0.08 min
Lab File: BG020157.D
Acq: 14 Dec 2015 17:36

Instrument :
BNA_G
ClientSampleId :
G9BP4

Tgt Ion:196 Resp: 14687

Ion	Ratio	Lower	Upper
196	100		
198	94.8	74.4	111.6
200	31.1	23.8	35.8

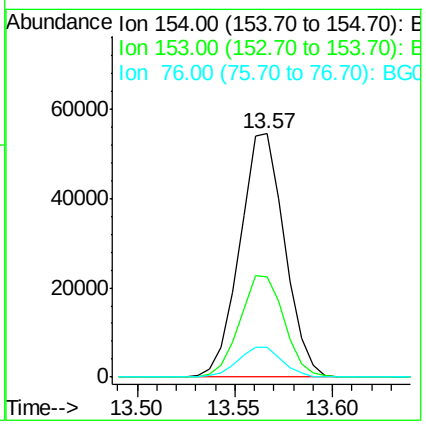


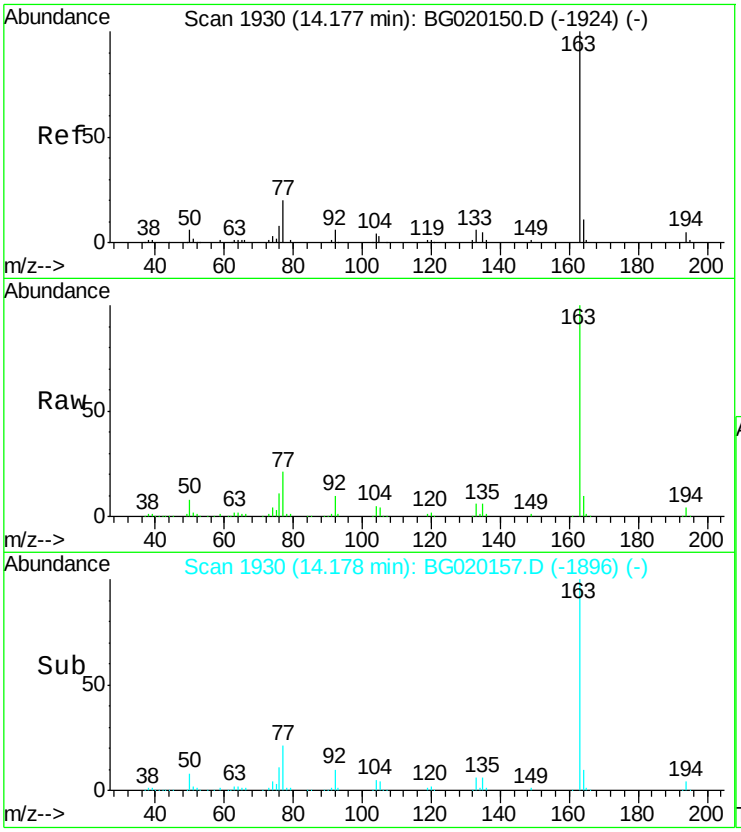


#41
1,1'-Biphenyl
Concen: 22.36 ng/ul
RT: 13.57 min Scan# 1826
Delta R.T. 0.00 min
Lab File: BG020157.D
Acq: 14 Dec 2015 17:36

Tgt Ion:154 Resp: 86521

Ion	Ratio	Lower	Upper
154	100		
153	41.3	35.5	53.3
76	12.2	10.4	15.6



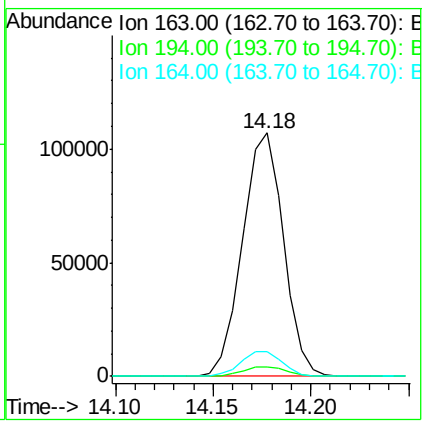


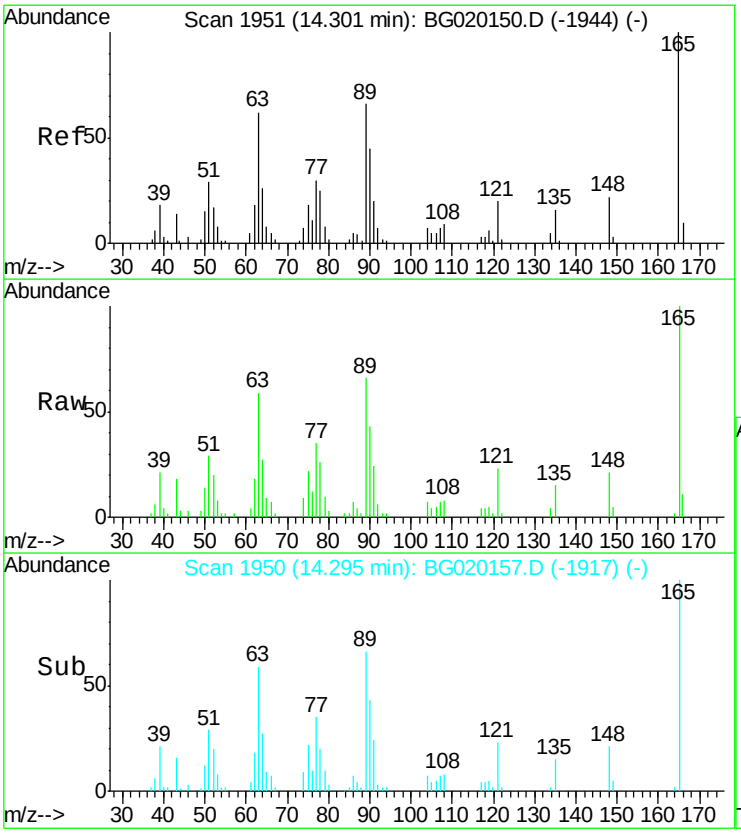
#45
Dimethylphthalate
Concen: 36.73 ng/ul
RT: 14.18 min Scan# 1930
Delta R.T. 0.00 min
Lab File: BG020157.D
Acq: 14 Dec 2015 17:36

Instrument :
BNA_G
ClientSampleId :
G9BP4

Tgt Ion:163 Resp: 155643

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.5	5.3
164	10.1	7.7	11.5

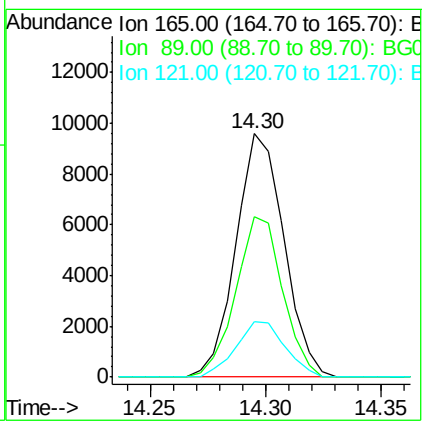


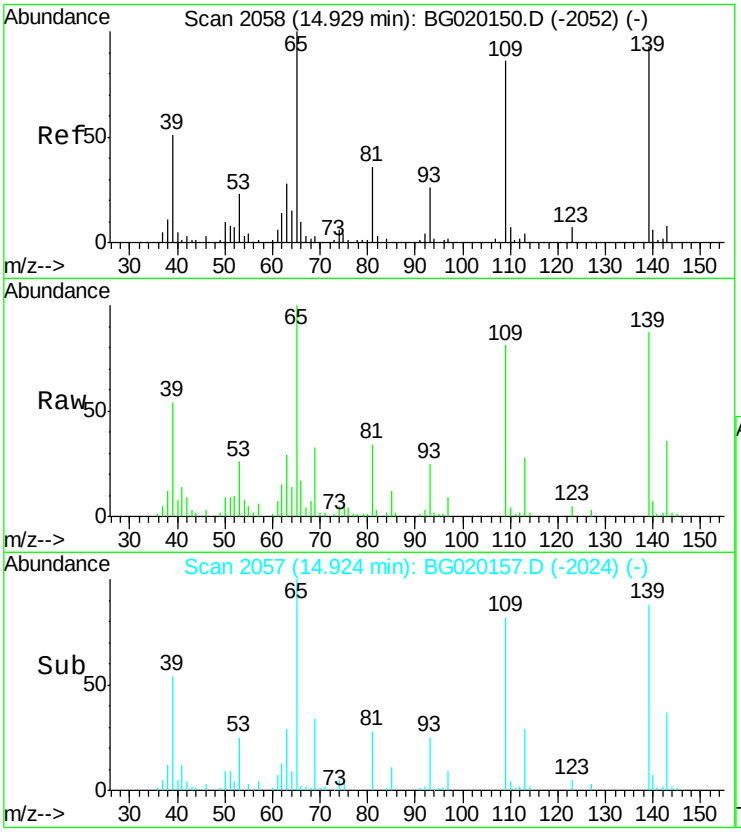


#46
2,6-Dinitrotoluene
Concen: 15.90 ng/ul
RT: 14.30 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BG020157.D
Acq: 14 Dec 2015 17:36

Tgt Ion:165 Resp: 13934

Ion	Ratio	Lower	Upper
165	100		
89	65.8	47.0	70.4
121	22.8	17.0	25.6



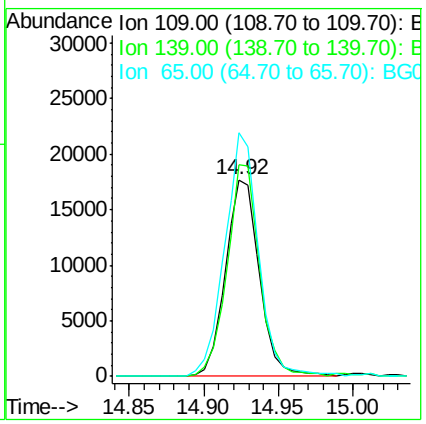


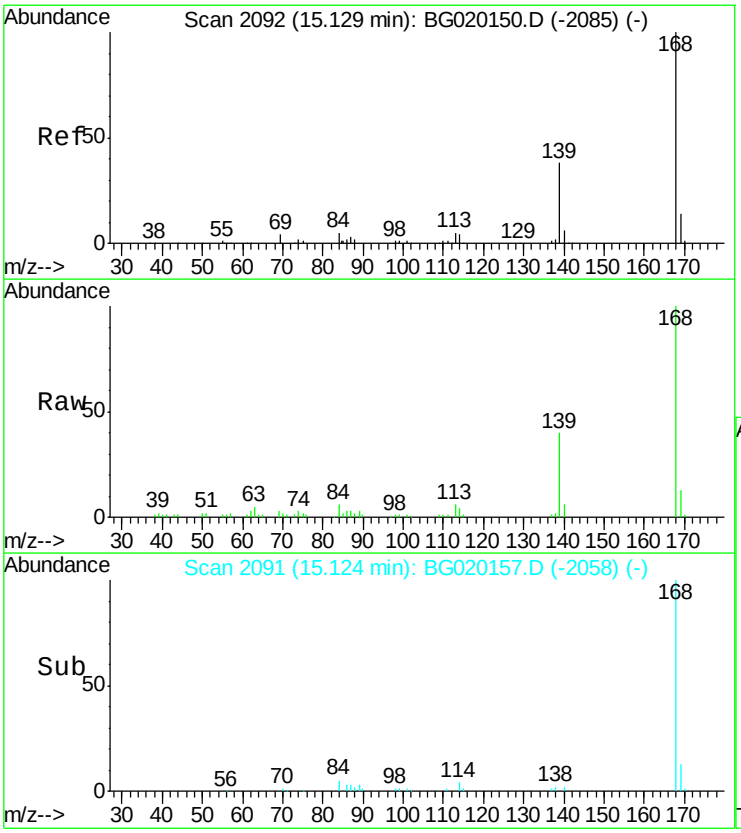
#53
4-Nitrophenol
Concen: 39.24 ng/ul
RT: 14.92 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BG020157.D
Acq: 14 Dec 2015 17:36

Instrument :
BNA_G
ClientSampleId :
G9BP4

Tgt Ion:109 Resp: 28084

Ion	Ratio	Lower	Upper
109	100		
139	107.6	80.5	120.7
65	123.8	93.4	140.2

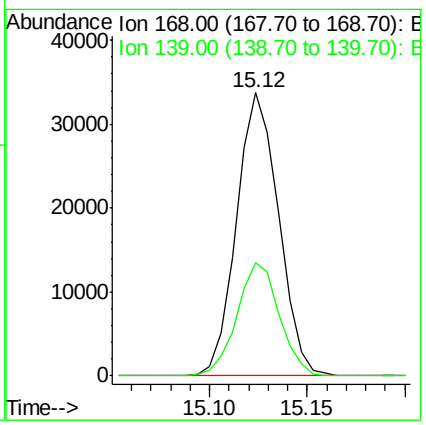


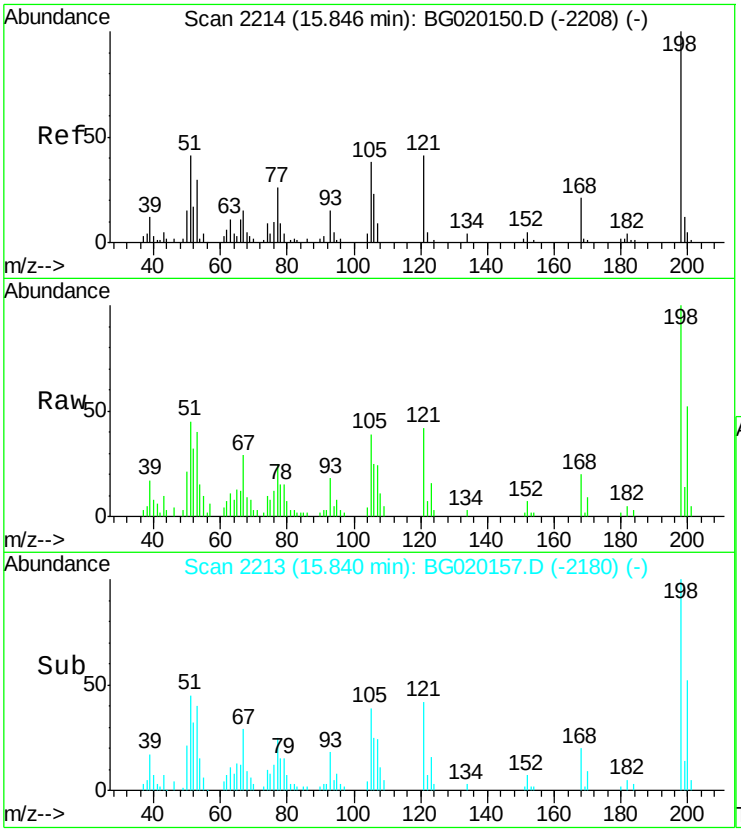


#54
Dibenzofuran
Concen: 9.82 ng/ul
RT: 15.12 min Scan# 2091
Delta R.T. -0.01 min
Lab File: BG020157.D
Acq: 14 Dec 2015 17:36

Tgt Ion:168 Resp: 50386

Ion	Ratio	Lower	Upper
168	100		
139	39.8	30.5	45.7



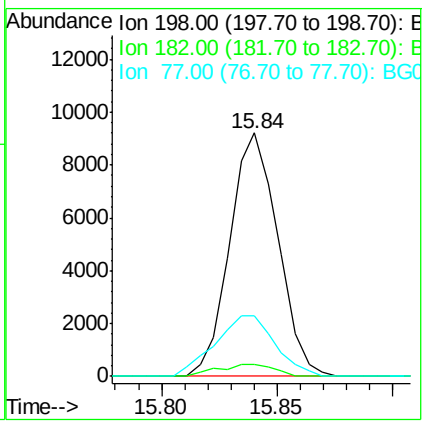


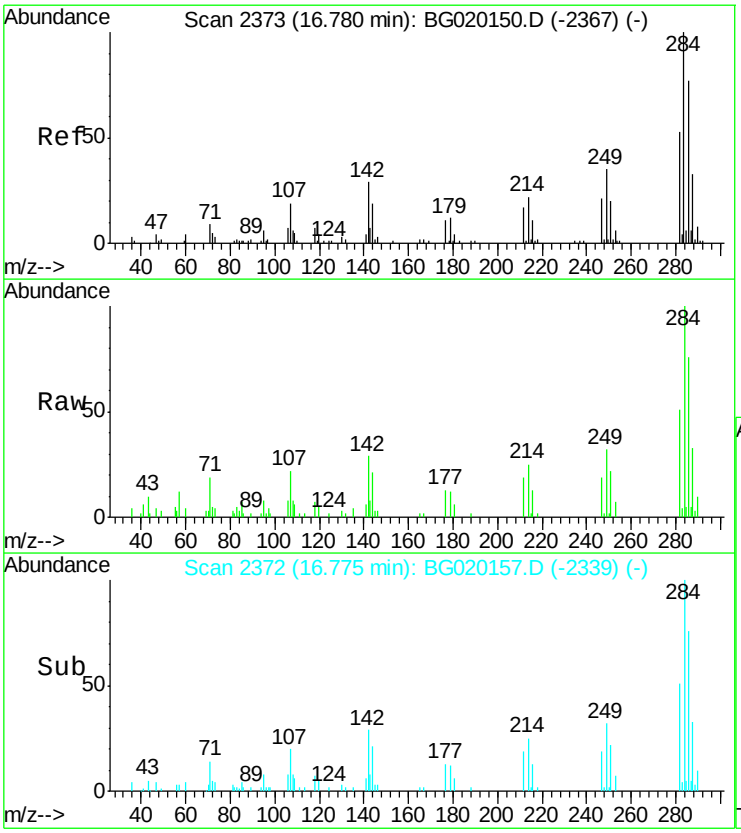
#64
4,6-Dinitro-2-methylphenol
Concen: 16.22 ng/ul
RT: 15.84 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BG020157.D
Acq: 14 Dec 2015 17:36

Instrument :
BNA_G
ClientSampleId :
G9BP4

Tgt Ion:198 Resp: 13353

Ion	Ratio	Lower	Upper
198	100		
182	5.1	2.5	3.7#
77	25.0	17.7	26.5

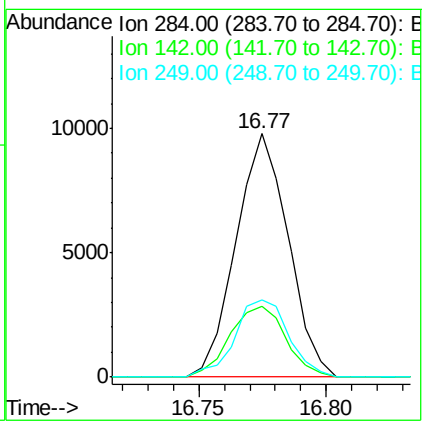


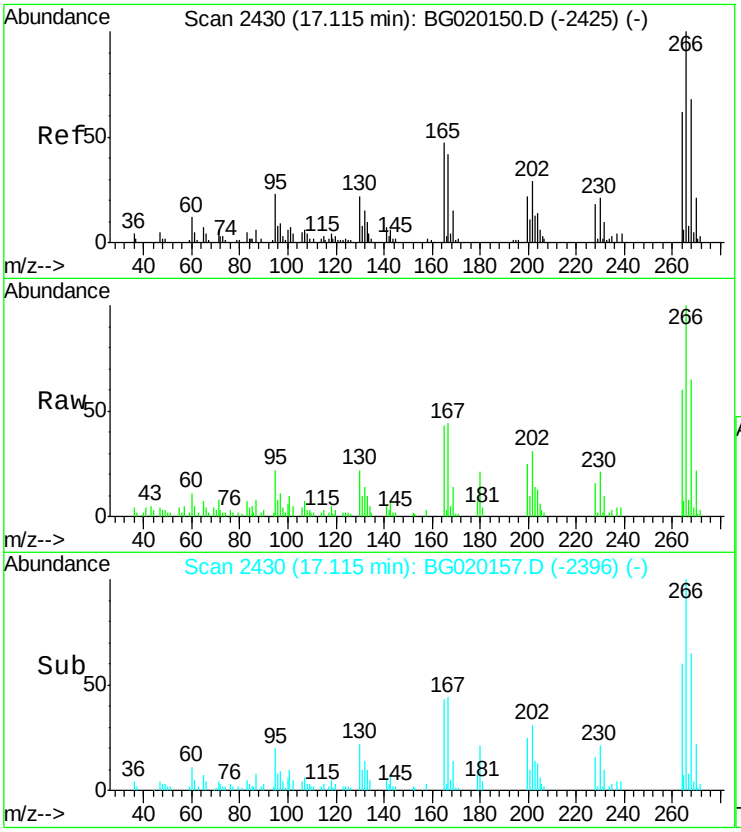


#67
Hexachlorobenzene
Concen: 8.59 ng/ul
RT: 16.77 min Scan# 2372
Delta R.T. -0.01 min
Lab File: BG020157.D
Acq: 14 Dec 2015 17:36

Tgt Ion:284 Resp: 14004

Ion	Ratio	Lower	Upper
284	100		
142	28.9	25.8	38.8
249	31.9	28.7	43.1



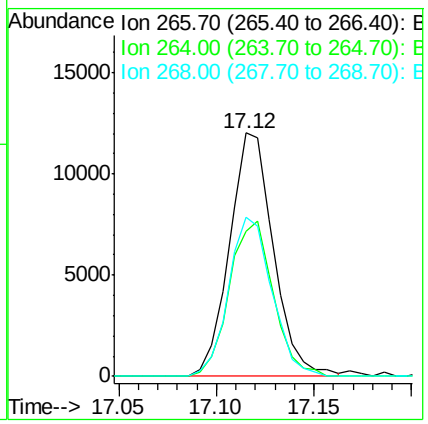


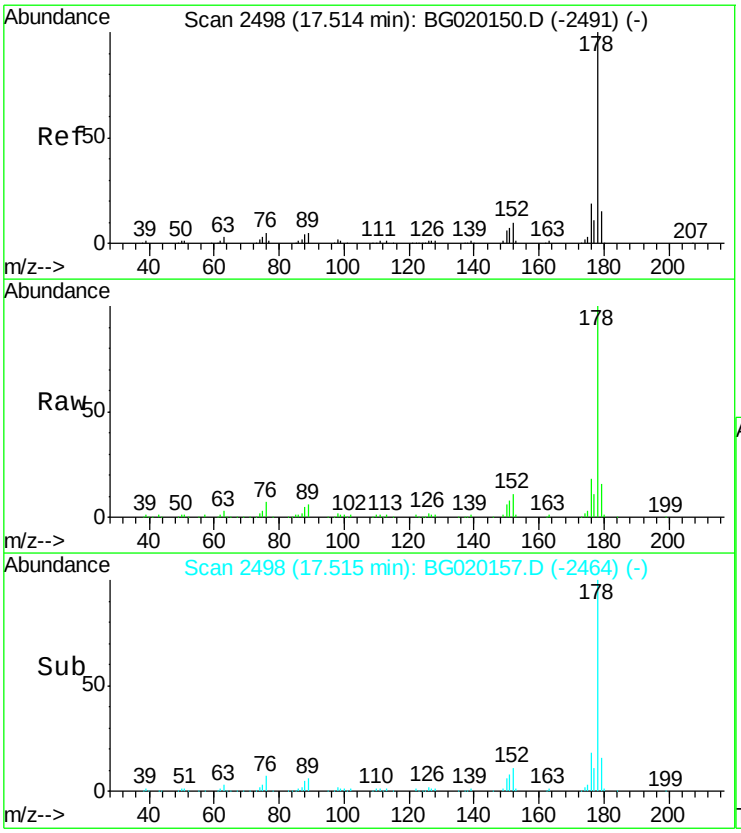
#69
Pentachlorophenol
Concen: 19.08 ng/ul
RT: 17.12 min Scan# 2430
Delta R.T. 0.00 min
Lab File: BG020157.D
Acq: 14 Dec 2015 17:36

Instrument :
BNA_G
ClientSampleId :
G9BP4

Tgt Ion:266 Resp: 18759

Ion	Ratio	Lower	Upper
266	100		
264	59.6	52.2	78.2
268	65.2	49.3	73.9

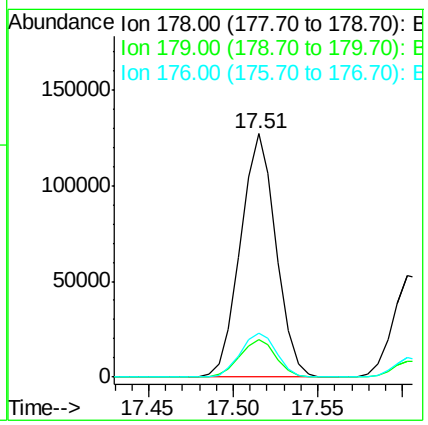


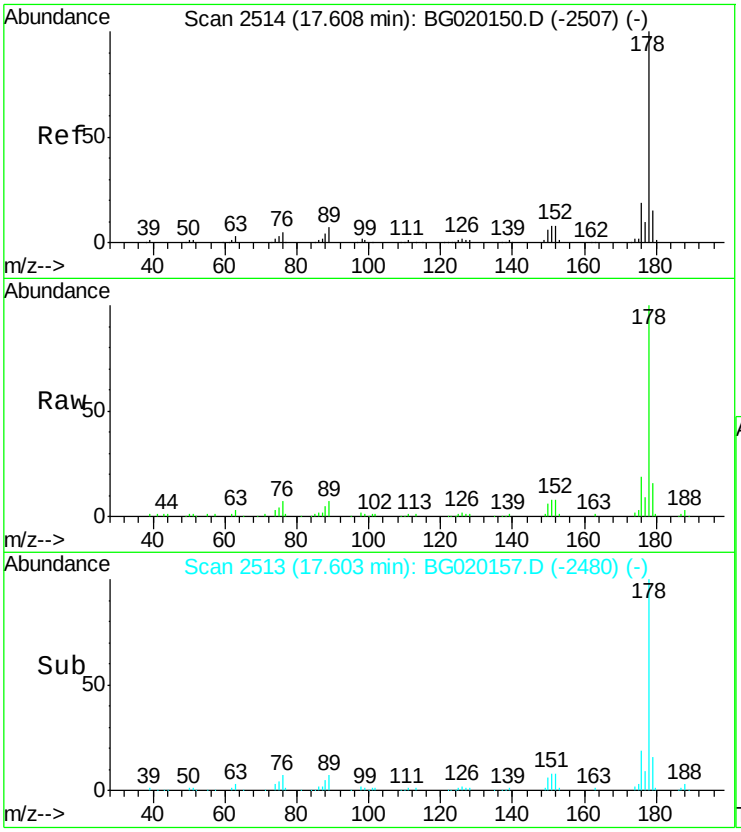


#70
Phenanthrene
Concen: 26.30 ng/ul
RT: 17.51 min Scan# 2498
Delta R.T. 0.00 min
Lab File: BG020157.D
Acq: 14 Dec 2015 17:36

Tgt Ion:178 Resp: 186011

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.9	19.3
176	18.3	15.3	22.9



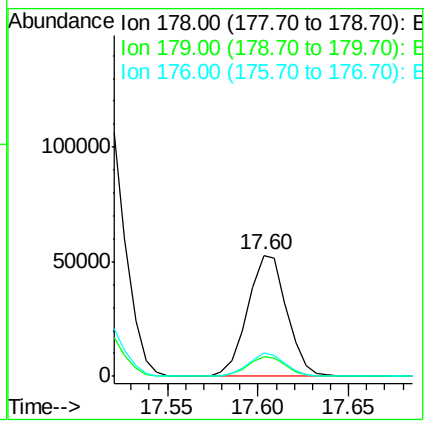


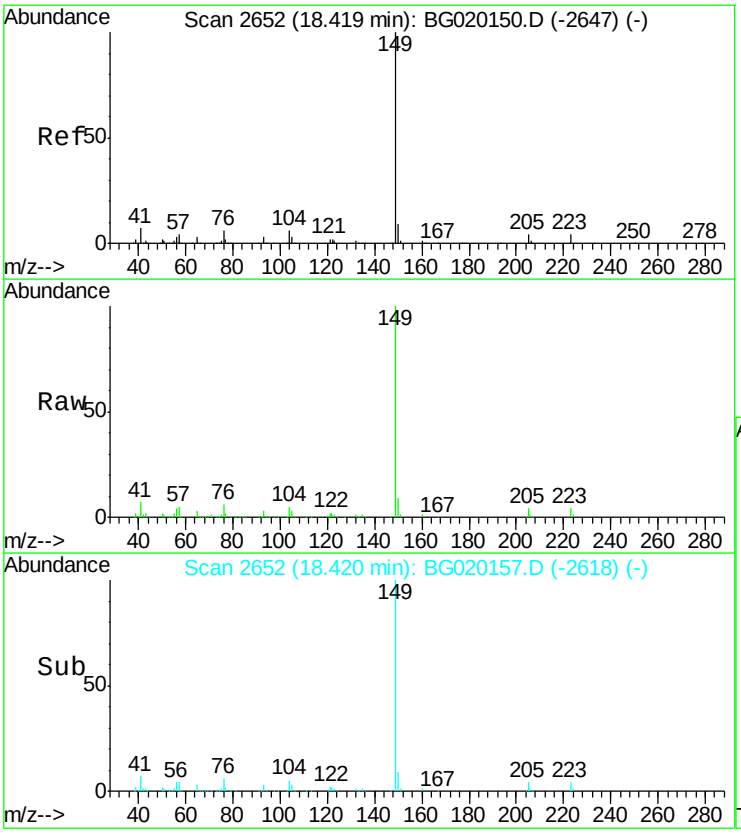
#72
Anthracene
Concen: 11.02 ng/ul
RT: 17.60 min Scan# 2513
Delta R.T. -0.01 min
Lab File: BG020157.D
Acq: 14 Dec 2015 17:36

Instrument :
BNA_G
ClientSampleId :
G9BP4

Tgt Ion:178 Resp: 79082

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.3	18.5
176	18.9	14.3	21.5

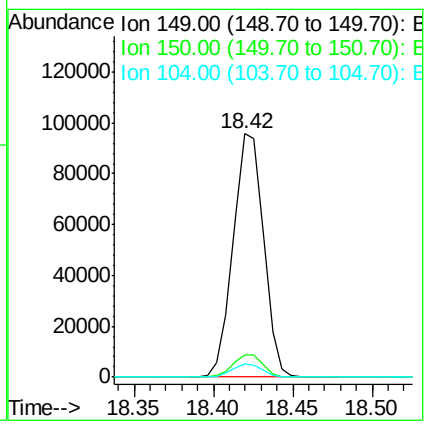


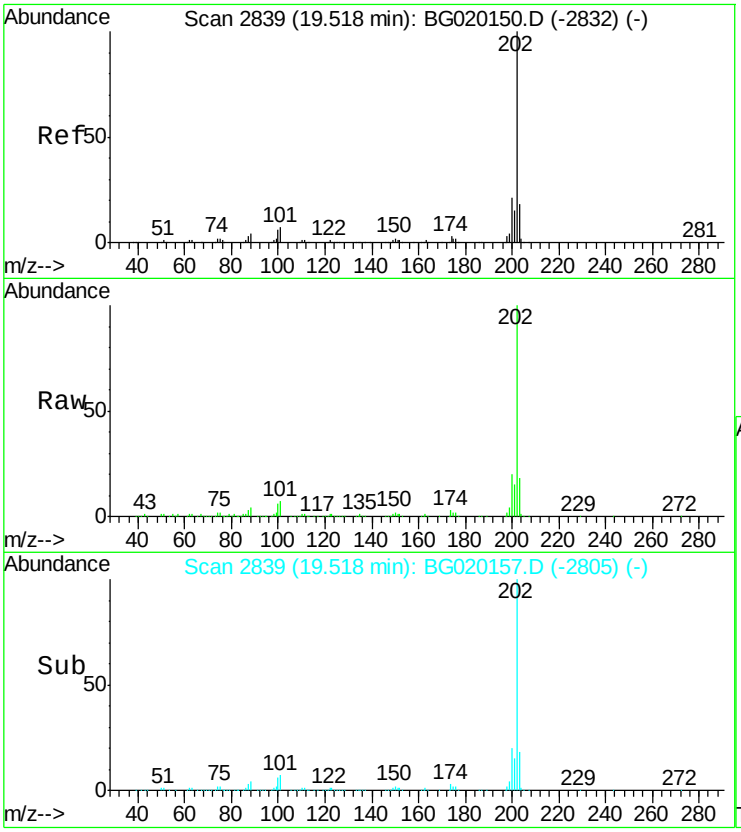


#76
Di-n-butylphthalate
Concen: 18.22 ng/ul
RT: 18.42 min Scan# 2652
Delta R.T. 0.00 min
Lab File: BG020157.D
Acq: 14 Dec 2015 17:36

Tgt Ion:149 Resp: 127656

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.7	11.5
104	5.4	4.2	6.4



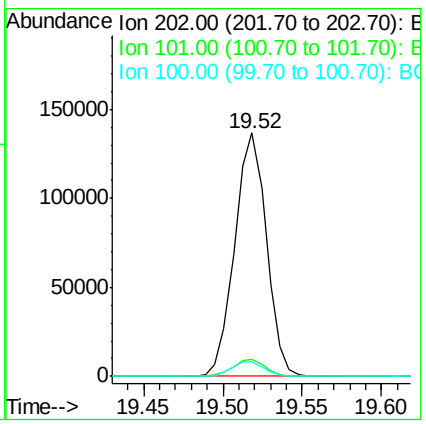


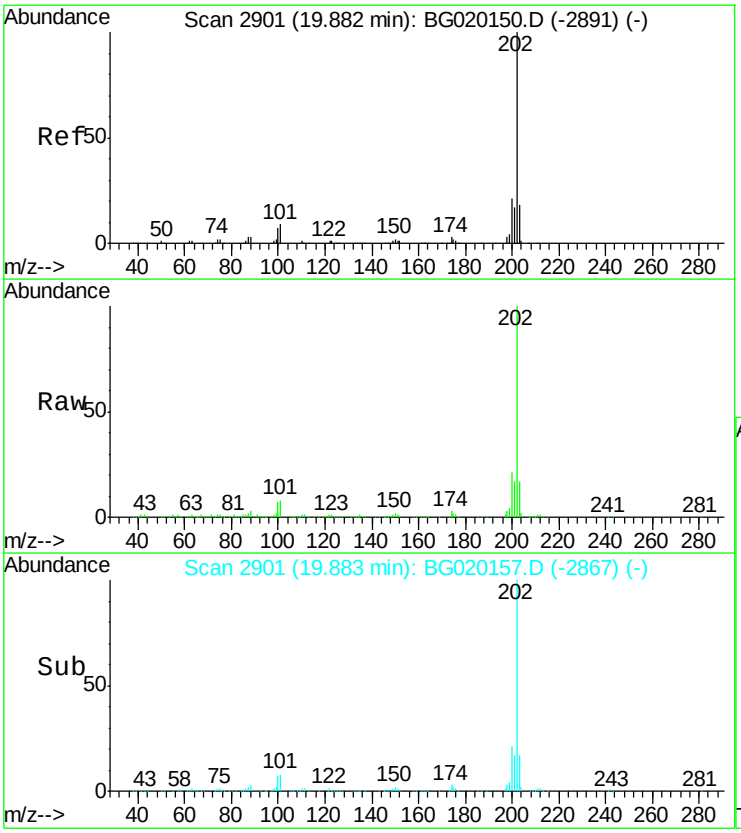
#77
Fluoranthene
Concen: 22.92 ng/ul
RT: 19.52 min Scan# 2839
Delta R.T. 0.00 min
Lab File: BG020157.D
Acq: 14 Dec 2015 17:36

Instrument :
BNA_G
ClientSampleId :
G9BP4

Tgt Ion:202 Resp: 189504

Ion	Ratio	Lower	Upper
202	100		
101	7.2	6.2	9.4
100	6.1	5.1	7.7

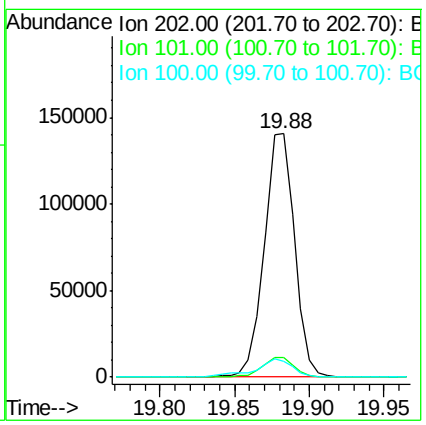


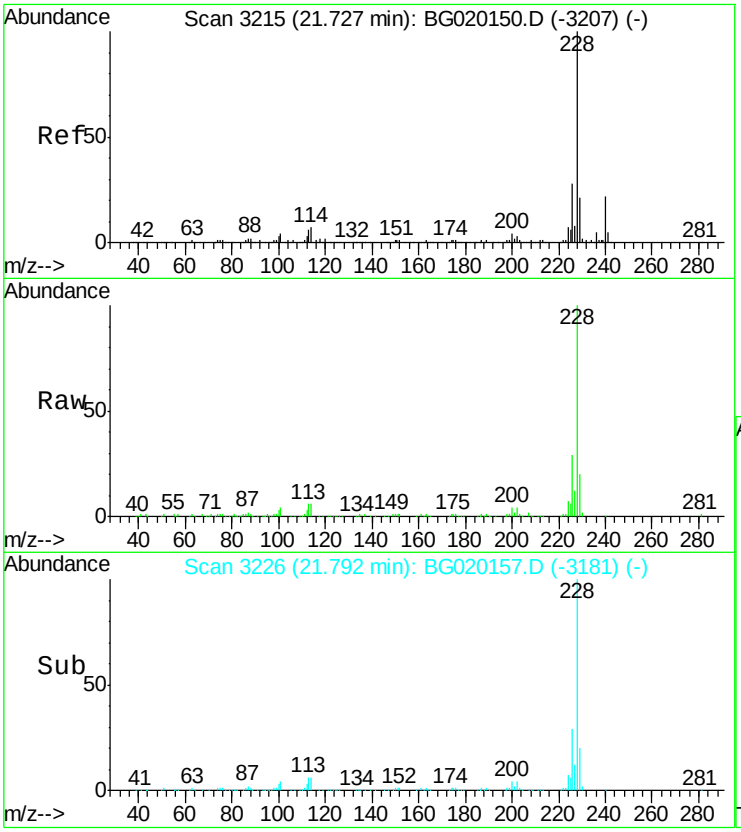


#80
Pyrene
Concen: 23.04 ng/ul
RT: 19.88 min Scan# 2901
Delta R.T. 0.00 min
Lab File: BG020157.D
Acq: 14 Dec 2015 17:36

Tgt Ion:202 Resp: 198044

Ion	Ratio	Lower	Upper
202	100		
101	7.9	7.0	10.4
100	6.6	6.4	9.6



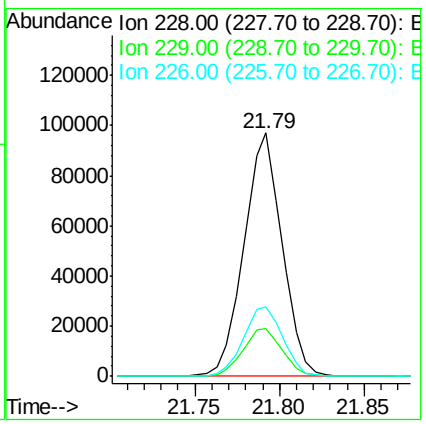


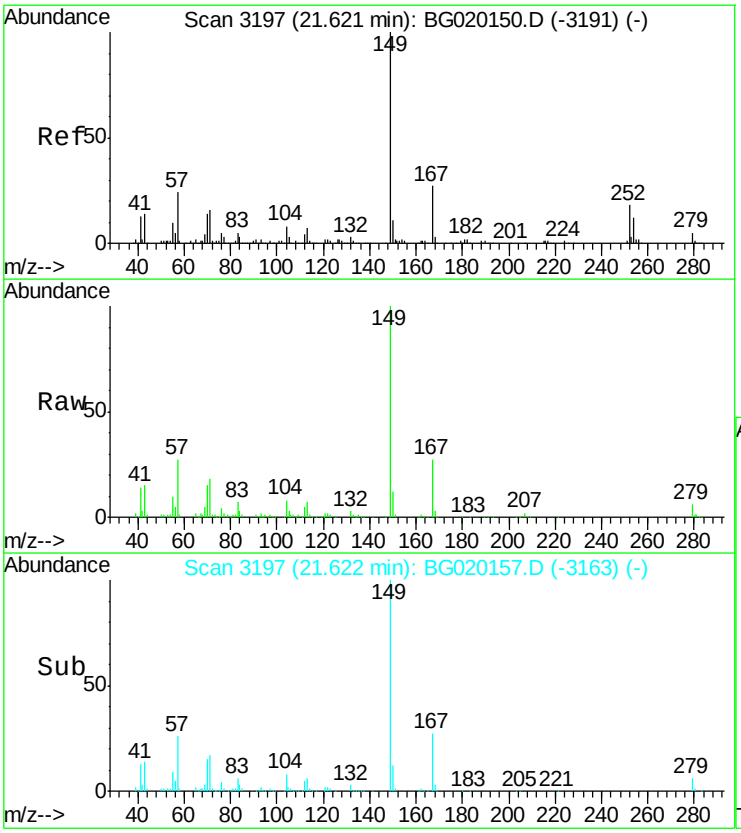
#83
Benzo(a)anthracene
Concen: 18.32 ng/ul
RT: 21.79 min Scan# 3226
Delta R.T. 0.07 min
Lab File: BG020157.D
Acq: 14 Dec 2015 17:36

Instrument :
BNA_G
ClientSampleId :
G9BP4

Tgt Ion:228 Resp: 151818

Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.8	23.8
226	28.5	21.8	32.6

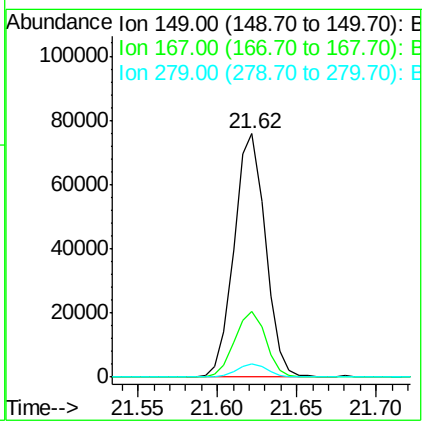


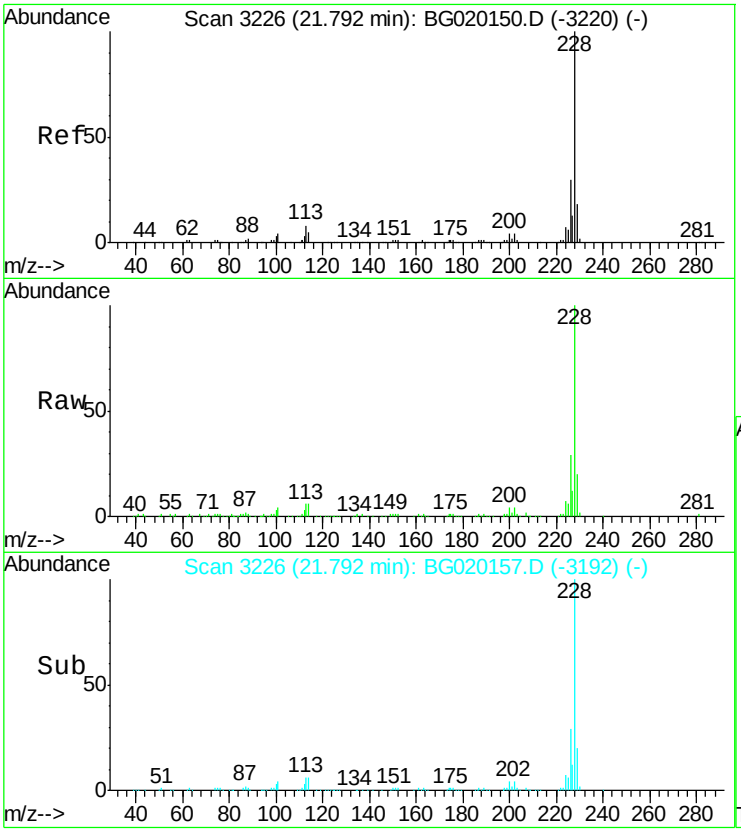


#84
Bis(2-ethylhexyl)phthalate
Concen: 24.31 ng/ul
RT: 21.62 min Scan# 3197
Delta R.T. 0.00 min
Lab File: BG020157.D
Acq: 14 Dec 2015 17:36

Tgt Ion:149 Resp: 103855

Ion	Ratio	Lower	Upper
149	100		
167	26.9	22.8	34.2
279	5.7	4.1	6.1



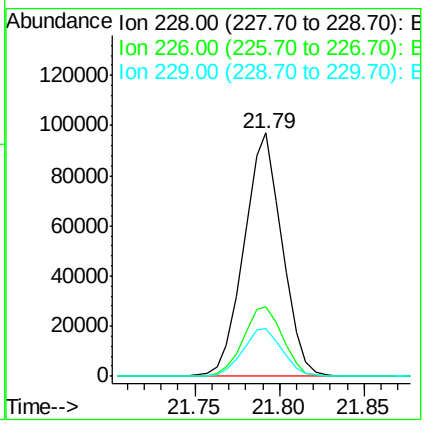


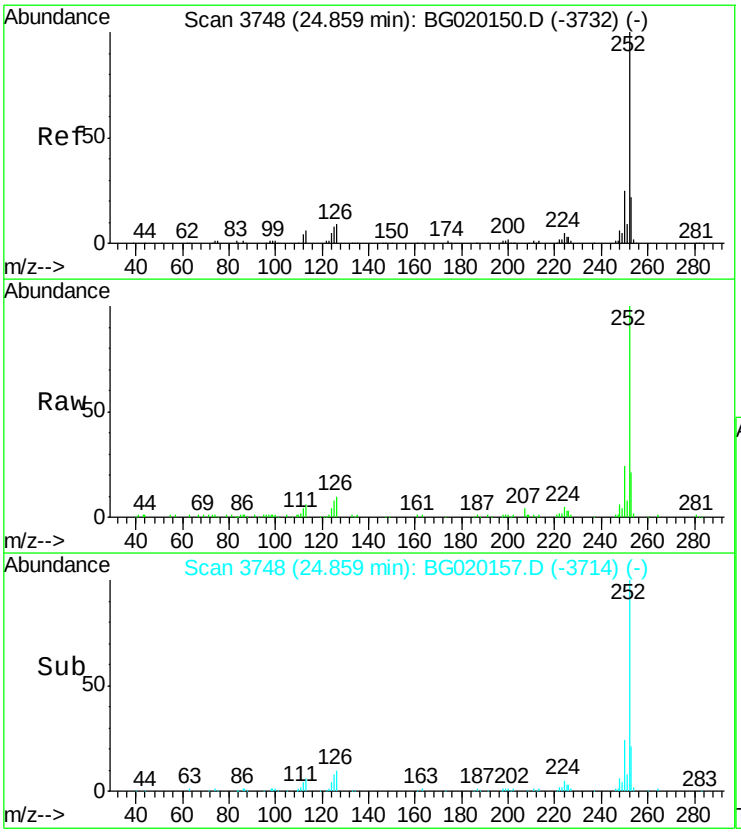
#85
Chrysene
Concen: 19.44 ng/ul
RT: 21.79 min Scan# 3226
Delta R.T. 0.00 min
Lab File: BG020157.D
Acq: 14 Dec 2015 17:36

Instrument :
BNA_G
ClientSampleId :
G9BP4

Tgt Ion:228 Resp: 151739

Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.9	35.9
229	19.7	15.6	23.4

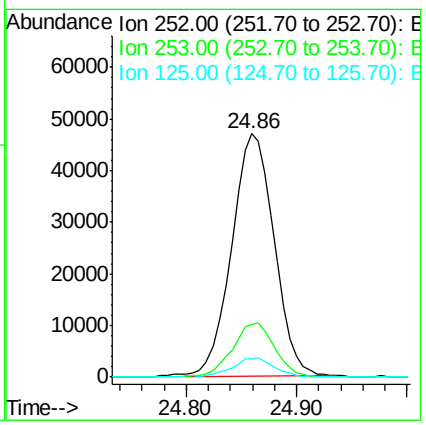


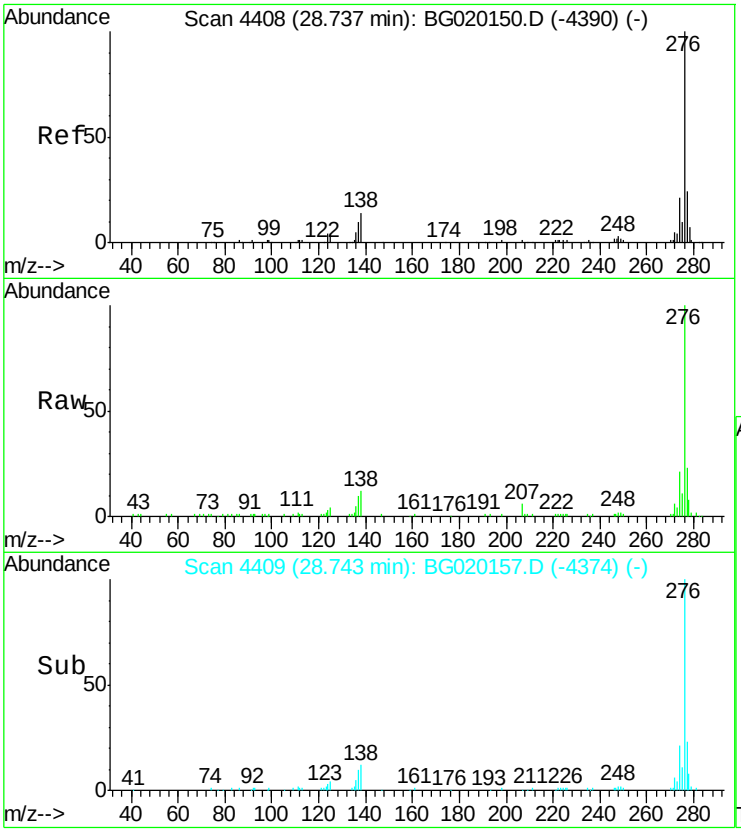


#91
Benzo(a)pyrene
Concen: 16.52 ng/ul
RT: 24.86 min Scan# 3748
Delta R.T. 0.00 min
Lab File: BG020157.D
Acq: 14 Dec 2015 17:36

Tgt Ion:252 Resp: 126742

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.0	25.4
125	7.6	6.2	9.4



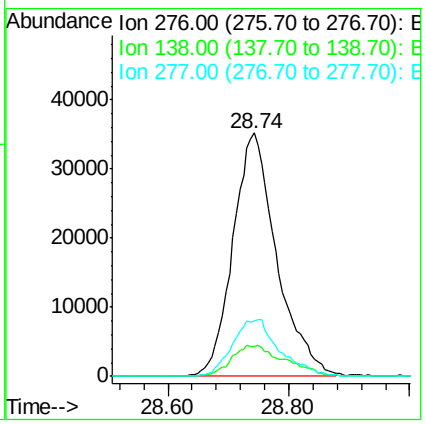


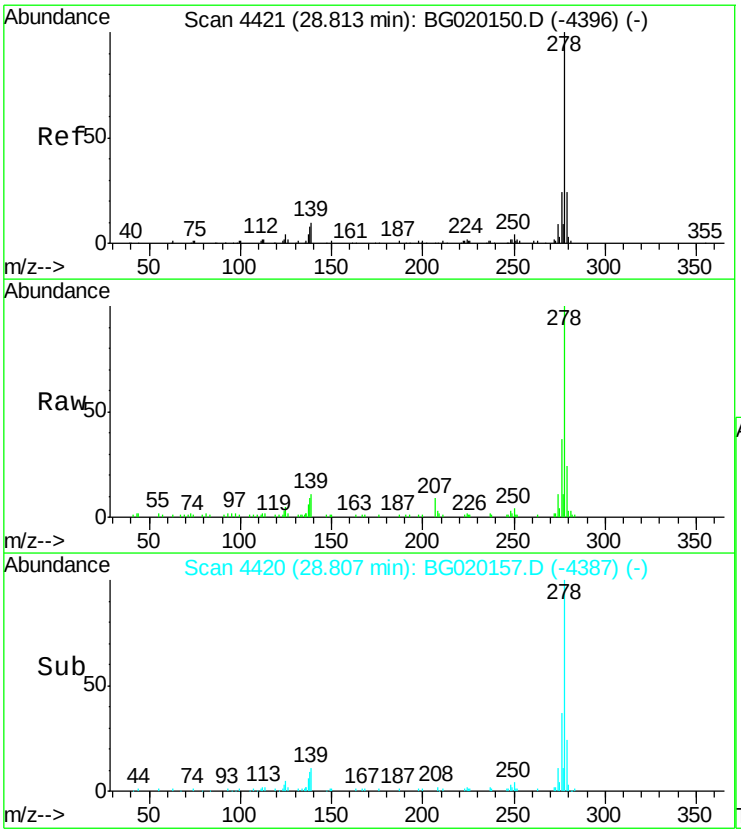
#92
Indeno(1,2,3-cd)pyrene
Concen: 19.35 ng/ul
RT: 28.74 min Scan# 4409
Delta R.T. 0.01 min
Lab File: BG020157.D
Acq: 14 Dec 2015 17:36

Instrument :
BNA_G
ClientSampleId :
G9BP4

Tgt Ion:276 Resp: 176771

Ion	Ratio	Lower	Upper
276	100		
138	12.3	11.4	17.0
277	22.8	17.4	26.0





#93
Dibenzo(a,h)anthracene
Concen: 11.89 ng/ul
RT: 28.81 min Scan# 4420
Delta R.T. -0.01 min
Lab File: BG020157.D
Acq: 14 Dec 2015 17:36

Tgt Ion:278 Resp: 90137

Ion	Ratio	Lower	Upper
278	100		
139	11.3	9.4	14.2
279	23.6	19.4	29.0