Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012617\
Data File : BG025668.D
Acq On : 26 Jan 2017 15:56
Operator : SJ/MA
Sample : I1387-02DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9Q6DL

Quant Time: Jan 27 03:37:58 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 27 03:32:12 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	63553	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	306243	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.81	164	244517	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.56	188	529184	20.00	ng/ul	0.00
75) Chrysene-d12	21.84	240	635980	20.00	ng/ul	0.00
83) Perylene-d12	25.23	264	632186	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.51	96	166	0.13	ng/uL	0.00
5) Phenol-d5	7.36	99	7675	1.41	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.50	67	26144	7.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	20096	5.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.91	113	15283	3.30	ng/ul	0.00
19) Nitrobenzene-d5	9.37	128	15671	7.22	ng/ul	0.00
22) 2-Nitrophenol-d4	10.10	143	20341	7.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.64	165	29233	5.72	ng/ul	0.00
29) 4-Chloroaniline-d4	11.15	131	712	0.12	ng/ul	0.00
43) Dimethylphthalate-d6	14.22	166	124282	7.20	ng/ul	0.02
46) Acenaphthylene-d8	14.51	160	145495	7.80	ng/ul	0.00
51) 4-Nitrophenol-d4	15.03	143	436	0.18	ng/ul	-0.01
57) Fluorene-d10	15.79	176	115563	7.10	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.96	200	2444310	748.84	ng/ul	0.02
70) Anthracene-d10	17.66	188	174618	7.75	ng/ul	0.00
76) Pyrene-d10	19.94	212	209212	7.91	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.01	264	199005	7.49	ng/ul	0.00
Target Compounds						Qvalue
17) Hexachloroethane	9.28	117	5189	2.93	ng/ul#	1
21) Isophorone	9.92	82	66685	5.11	ng/ul	98
28) Naphthalene	11.06	128	2790422	197.36	ng/ul#	94
34) 2-Methylnaphthalene	12.64	142	561009	48.60	ng/ul	100
38) 2,4,6-Trichlorophenol	13.34	196	556364	124.81	ng/ul	89
39) 2,4,5-Trichlorophenol	13.34	196	556364	119.02	ng/ul	96
40) 1,1'-Biphenyl	13.64	154	104665	6.91	ng/ul	97
49) Acenaphthene	14.87	153	179776	13.90	ng/ul	92
53) Dibenzofuran	15.21	168	256828	12.92	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	15.44	232	122449	24.76	ng/ul#	98
58) Fluorene	15.85	166	147363	9.08	ng/ul#	99
63) 4,6-Dinitro-2-methylphenol	15.96	198	5344845	1588.41	ng/ul#	55
68) Pentachlorophenol	17.21	266	296700	102.20	ng/ul	96
69) Phenanthrene	17.60	178	391710	15.23	ng/ul	99
71) Anthracene	17.60	178	391904	15.16	ng/ul	99
72) Carbazole	17.97	167	617450	28.79	ng/ul	97
74) Fluoranthene	19.60	202	42966	1.42	ng/ul#	98

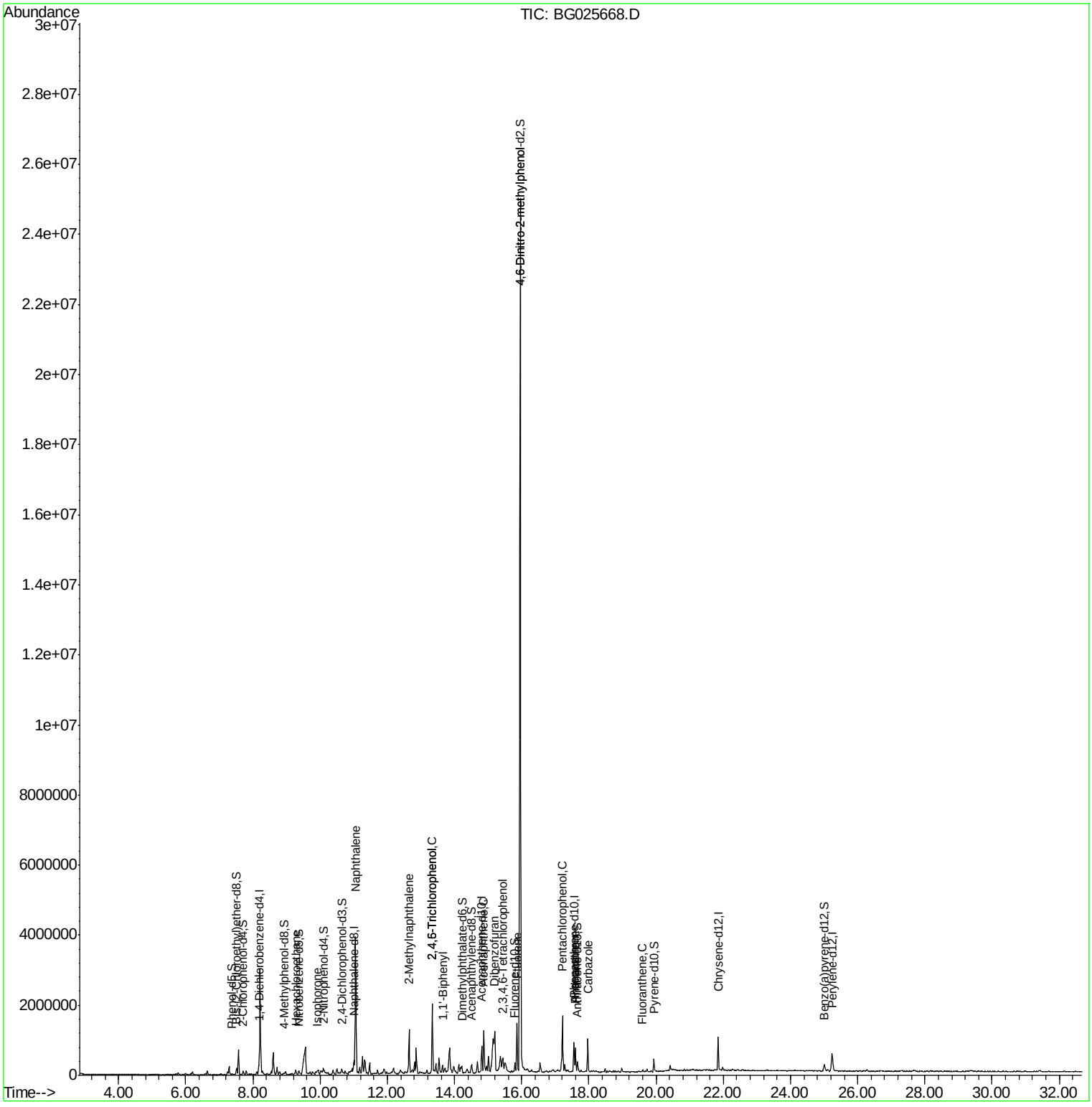
(#) = qualifier out of range (m) = manual integration (+) = signals summed

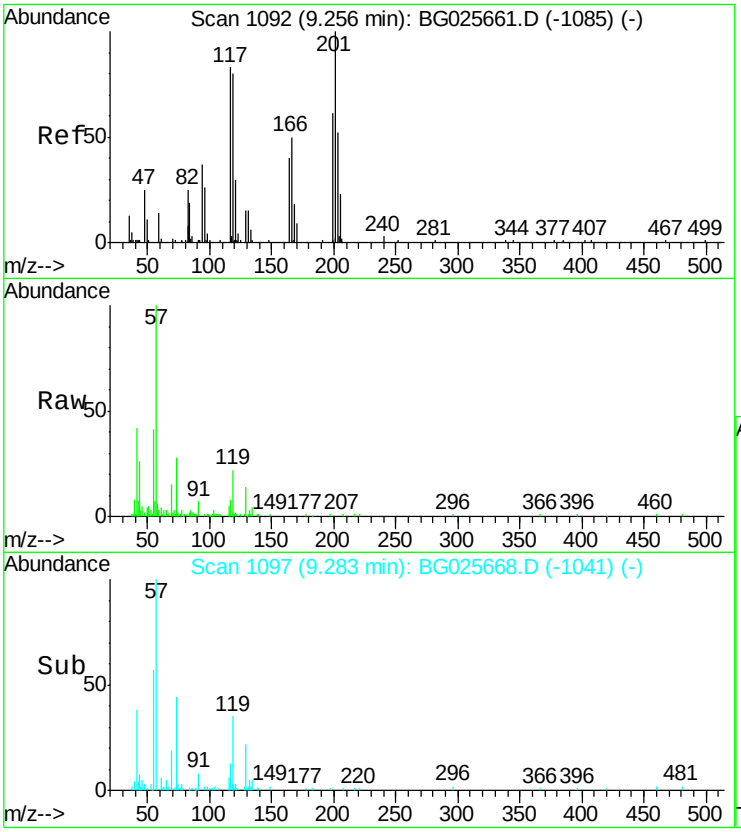
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012617\
Data File : BG025668.D
Acq On : 26 Jan 2017 15:56
Operator : SJ/MA
Sample : I1387-02DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA9Q6DL

Quant Time: Jan 27 03:37:58 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 27 03:32:12 2017
Response via : Initial Calibration



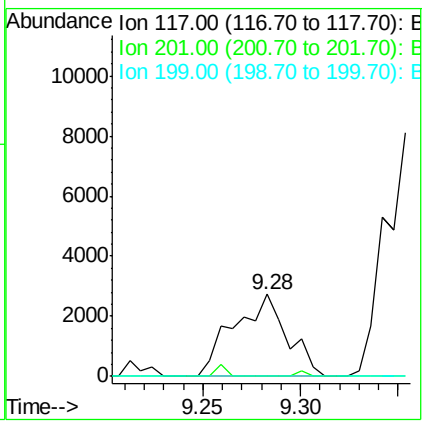


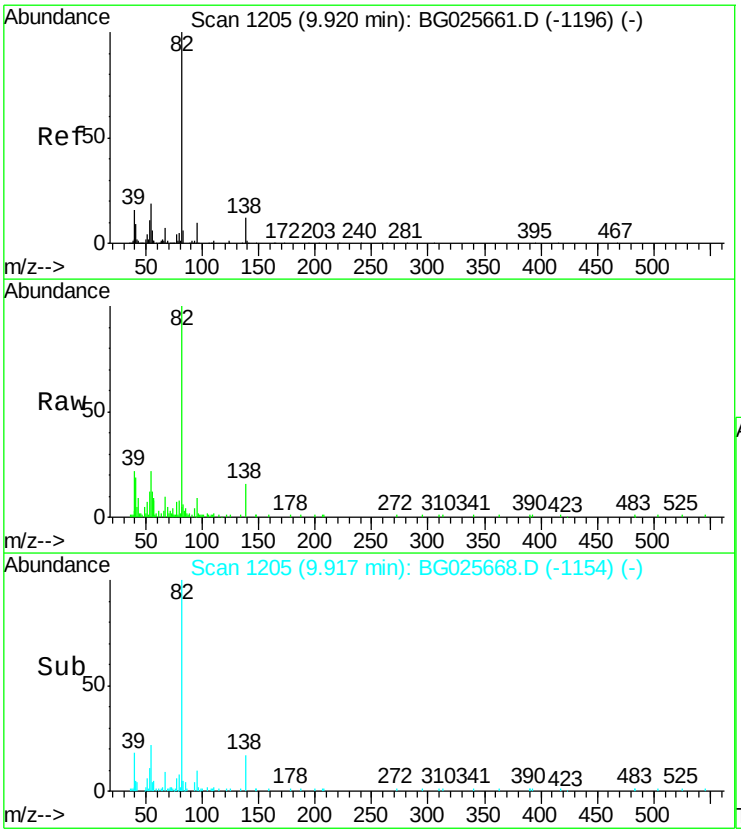
#17
Hexachloroethane
Concen: 2.93 ng/ul
RT: 9.28 min Scan# 1097
Delta R.T. 0.03 min
Lab File: BG025668.D
Acq: 26 Jan 2017 15:56

Instrument :
BNA_G
ClientSampleId :
DA9Q6DL

Tgt Ion:117 Resp: 5189

Ion	Ratio	Lower	Upper
117	100		
201	0.0	91.9	137.9#
199	0.0	64.3	96.5#

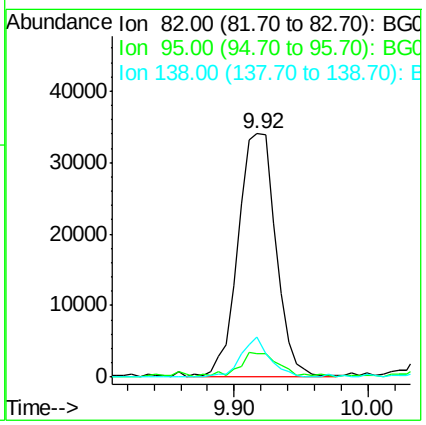


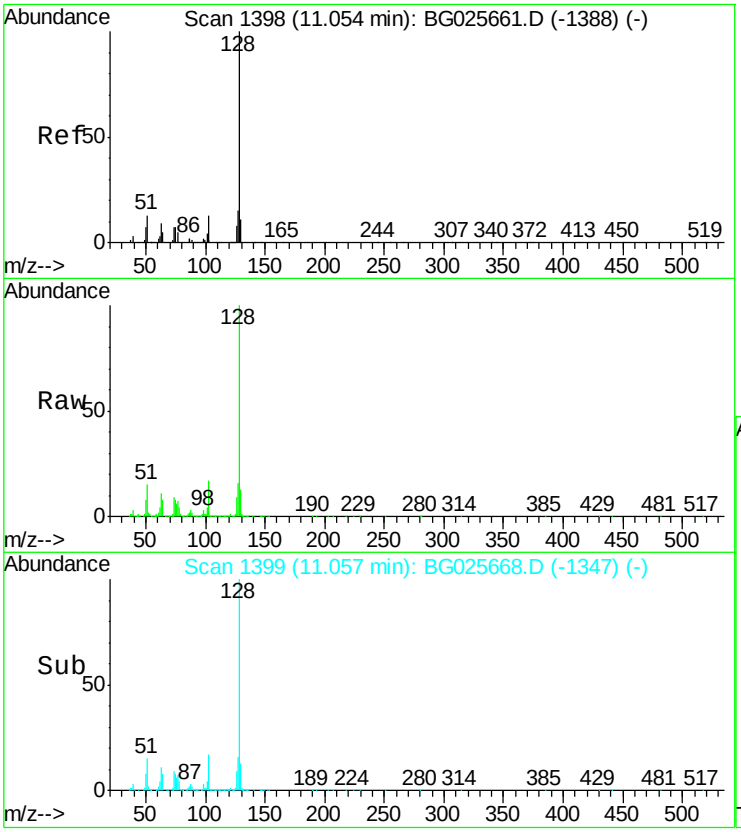


#21
Isophorone
Concen: 5.11 ng/ul
RT: 9.92 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BG025668.D
Acq: 26 Jan 2017 15:56

Tgt Ion: 82 Resp: 66685

Ion	Ratio	Lower	Upper
82	100		
95	9.4	7.8	11.6
138	16.3	12.2	18.2



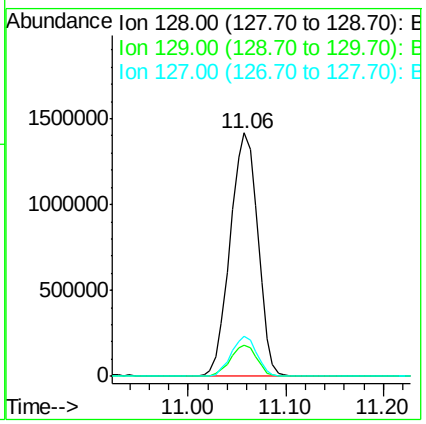


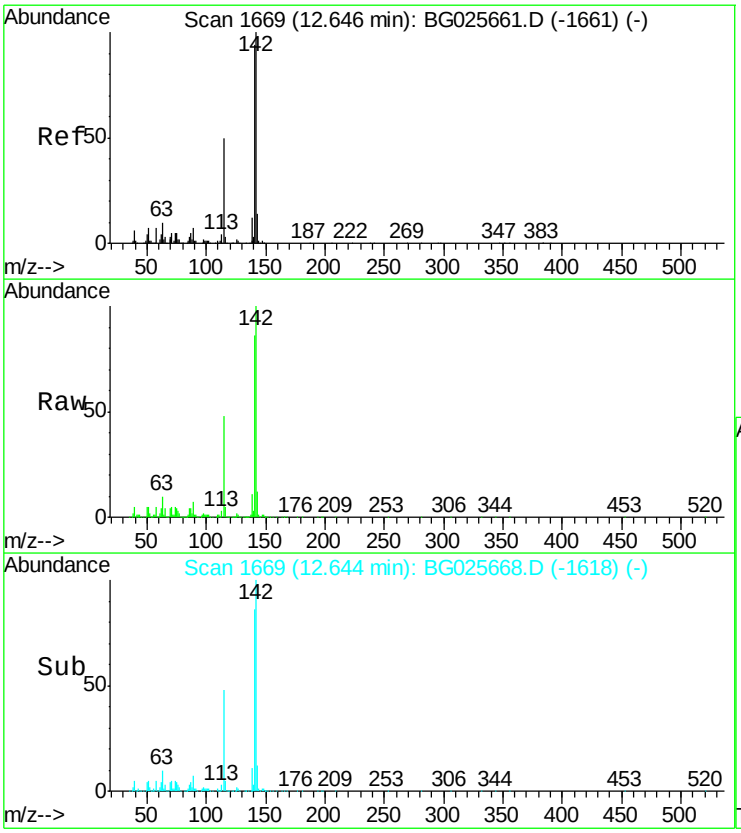
#28
Naphthalene
Concen: 197.36 ng/ul
RT: 11.06 min Scan# 1399
Delta R.T. 0.00 min
Lab File: BG025668.D
Acq: 26 Jan 2017 15:56

Instrument :
BNA_G
ClientSampleId :
DA9Q6DL

Tgt Ion:128 Resp: 2790422

Ion	Ratio	Lower	Upper
128	100		
129	13.0	9.4	14.2
127	16.2	10.3	15.5#

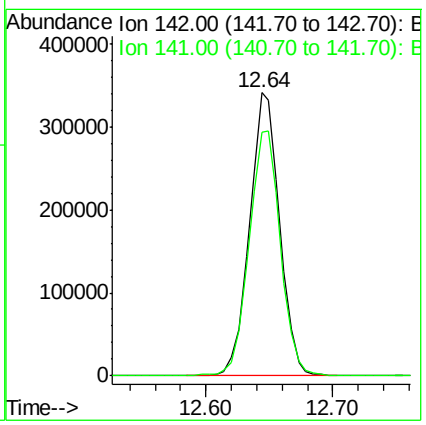


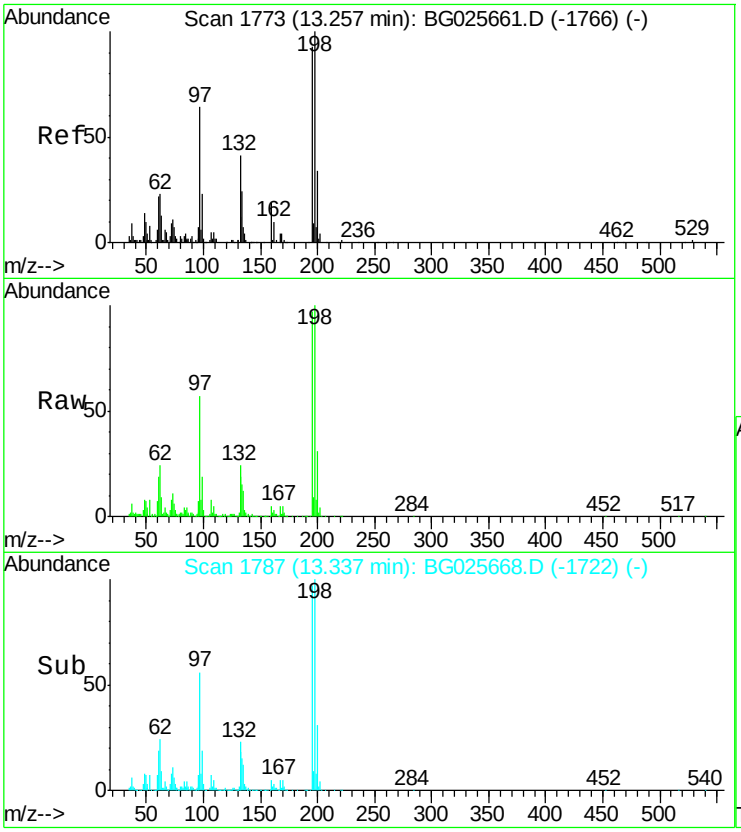


#34
2-Methylnaphthalene
Concen: 48.60 ng/ul
RT: 12.64 min Scan# 1669
Delta R.T. -0.00 min
Lab File: BG025668.D
Acq: 26 Jan 2017 15:56

Tgt Ion:142 Resp: 561009

Ion	Ratio	Lower	Upper
142	100		
141	86.0	68.6	102.8



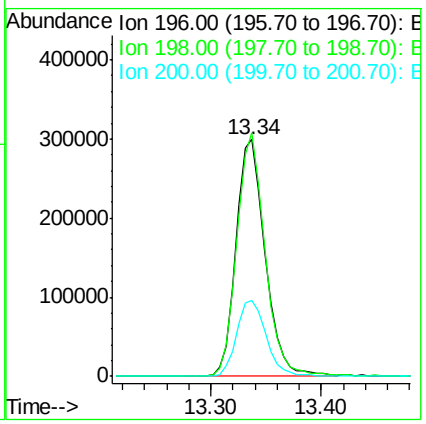


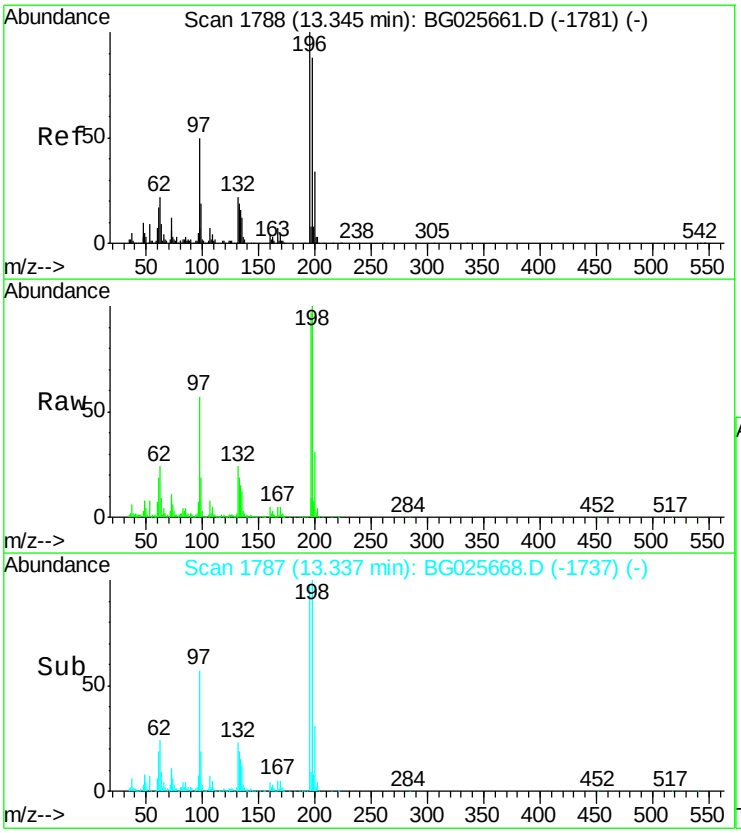
#38
2,4,6-Trichlorophenol
Concen: 124.81 ng/ul
RT: 13.34 min Scan# 1787
Delta R.T. 0.08 min
Lab File: BG025668.D
Acq: 26 Jan 2017 15:56

Instrument :
BNA_G
ClientSampleId :
DA9Q6DL

Tgt Ion:196 Resp: 556364

Ion	Ratio	Lower	Upper
196	100		
198	102.8	71.4	107.2
200	32.3	24.6	37.0

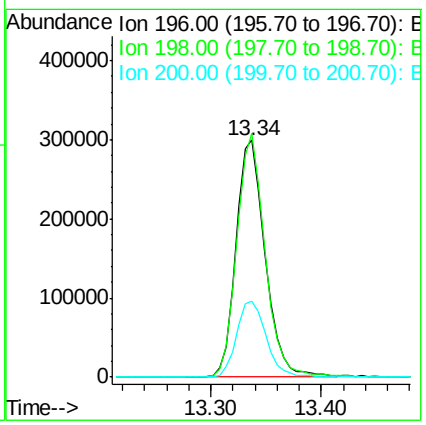


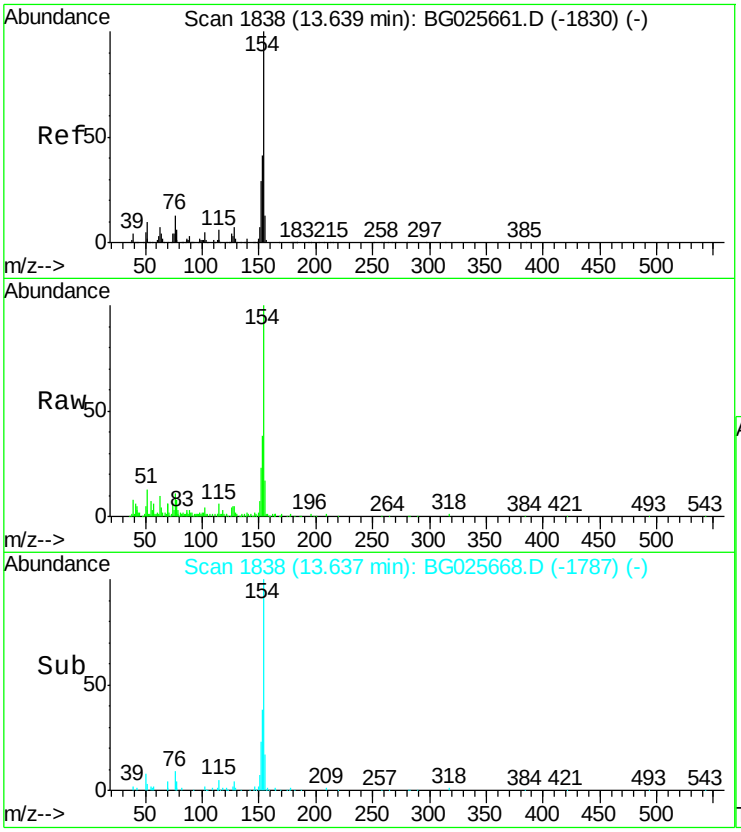


#39
2,4,5-Trichlorophenol
Concen: 119.02 ng/ul
RT: 13.34 min Scan# 1787
Delta R.T. -0.01 min
Lab File: BG025668.D
Acq: 26 Jan 2017 15:56

Tgt Ion:196 Resp: 556364

Ion	Ratio	Lower	Upper
196	100		
198	102.8	78.6	118.0
200	32.3	27.3	40.9



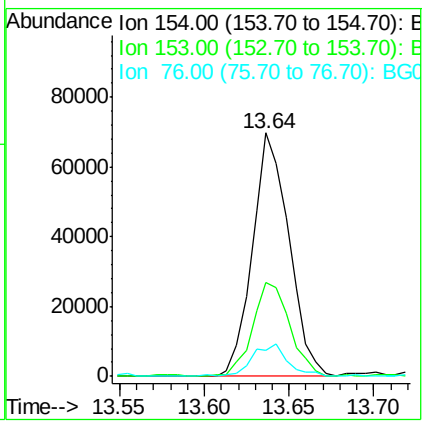


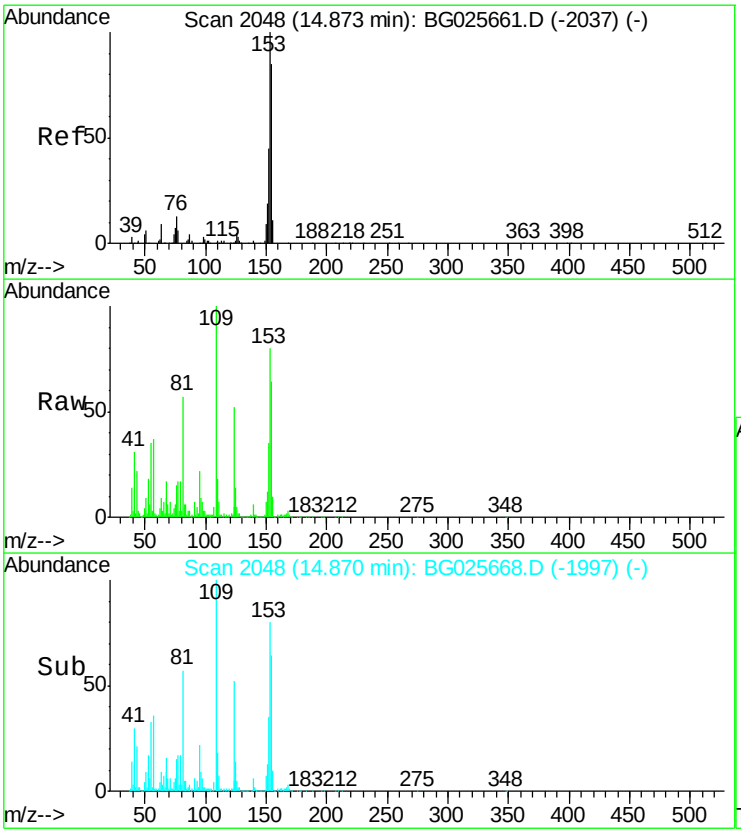
#40
1,1'-Biphenyl
Concen: 6.91 ng/ul
RT: 13.64 min Scan# 1838
Delta R.T. -0.00 min
Lab File: BG025668.D
Acq: 26 Jan 2017 15:56

Instrument :
BNA_G
ClientSampleId :
DA9Q6DL

Tgt Ion:154 Resp: 104665

Ion	Ratio	Lower	Upper
154	100		
153	38.4	32.2	48.2
76	10.8	9.6	14.4

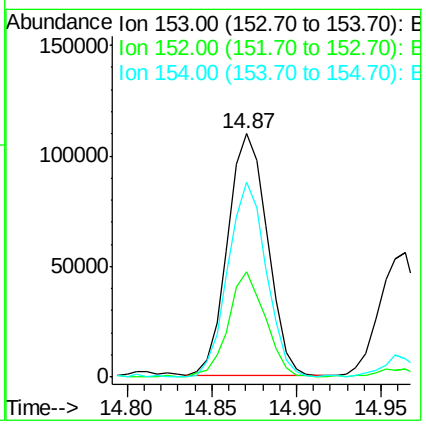


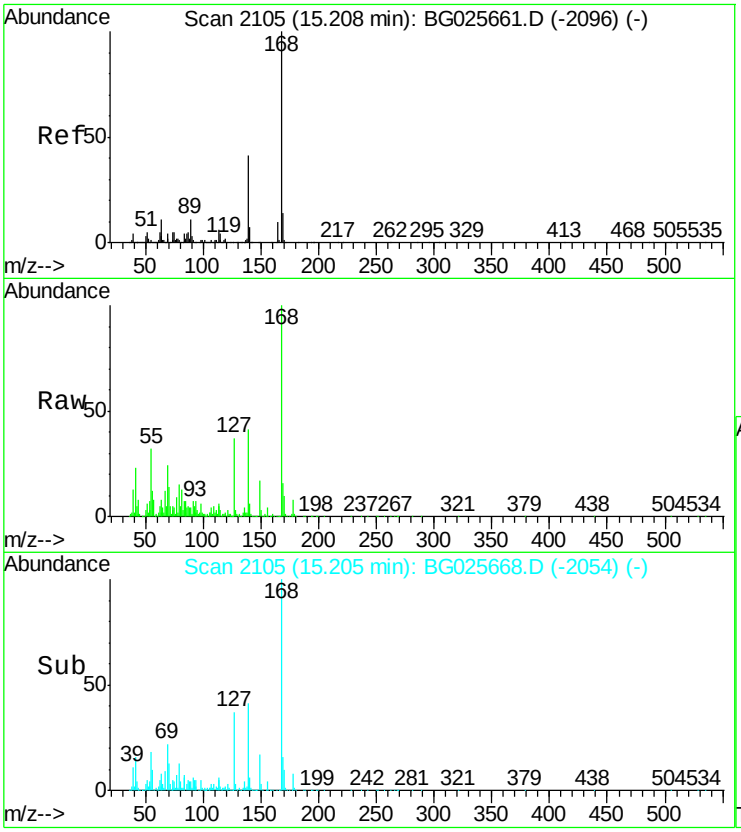


#49
Acenaphthene
Concen: 13.90 ng/ul
RT: 14.87 min Scan# 2048
Delta R.T. -0.00 min
Lab File: BG025668.D
Acq: 26 Jan 2017 15:56

Tgt Ion:153 Resp: 179776

Ion	Ratio	Lower	Upper
153	100		
152	43.5	36.5	54.7
154	80.3	72.3	108.5



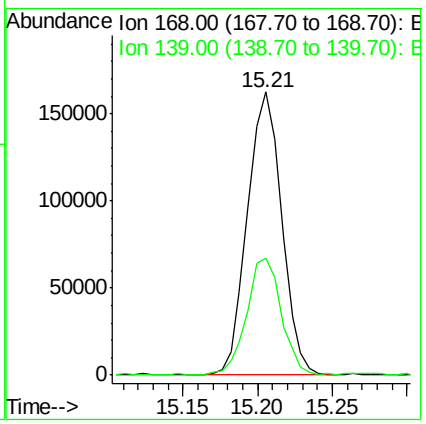


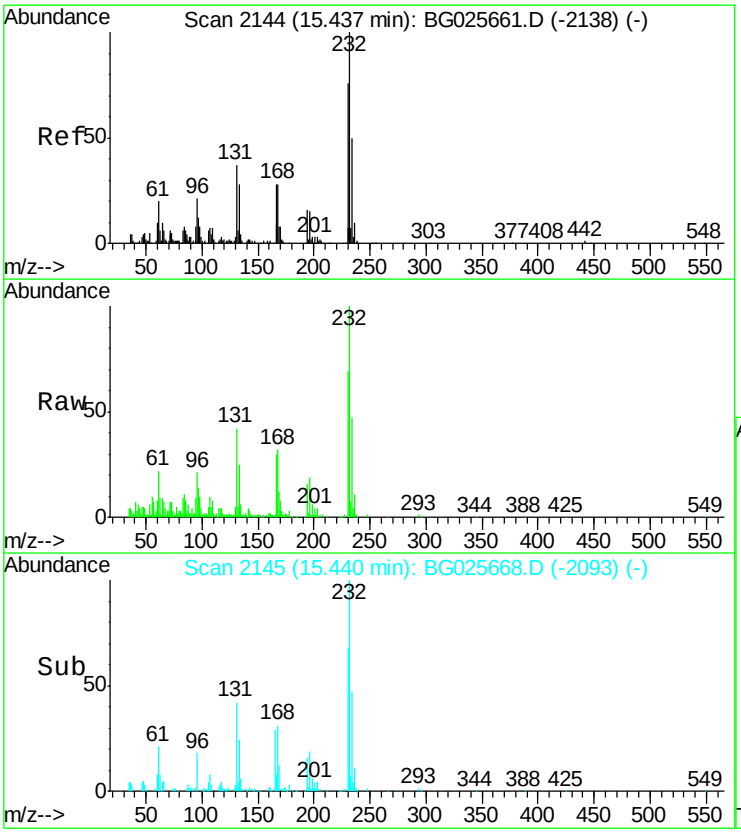
#53
Dibenzofuran
Concen: 12.92 ng/ul
RT: 15.21 min Scan# 2105
Delta R.T. -0.00 min
Lab File: BG025668.D
Acq: 26 Jan 2017 15:56

Instrument :
BNA_G
ClientSampleId :
DA9Q6DL

Tgt Ion:168 Resp: 256828

Ion	Ratio	Lower	Upper
168	100		
139	41.3	33.8	50.8

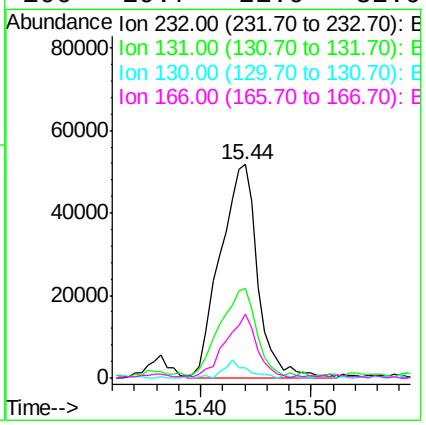


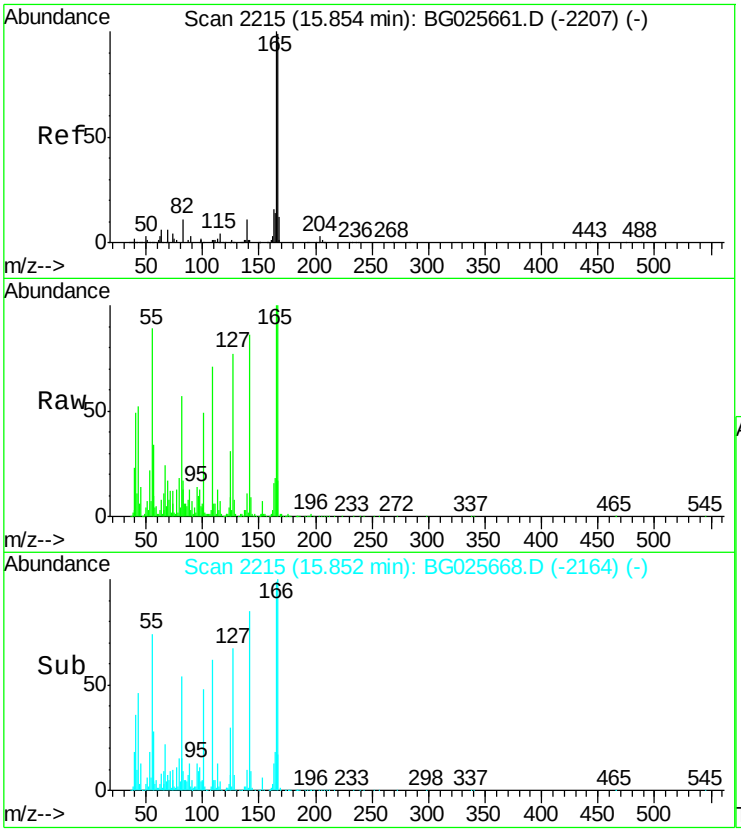


#55
2,3,4,6-Tetrachlorophenol
Concen: 24.76 ng/ul
RT: 15.44 min Scan# 2145
Delta R.T. 0.00 min
Lab File: BG025668.D
Acq: 26 Jan 2017 15:56

Tgt Ion:232 Resp: 122449

Ion	Ratio	Lower	Upper
232	100		
131	42.1	33.3	49.9
130	4.6	1.8	2.6#
166	29.7	21.9	32.9



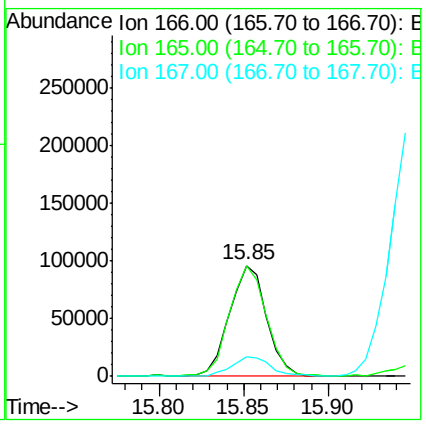


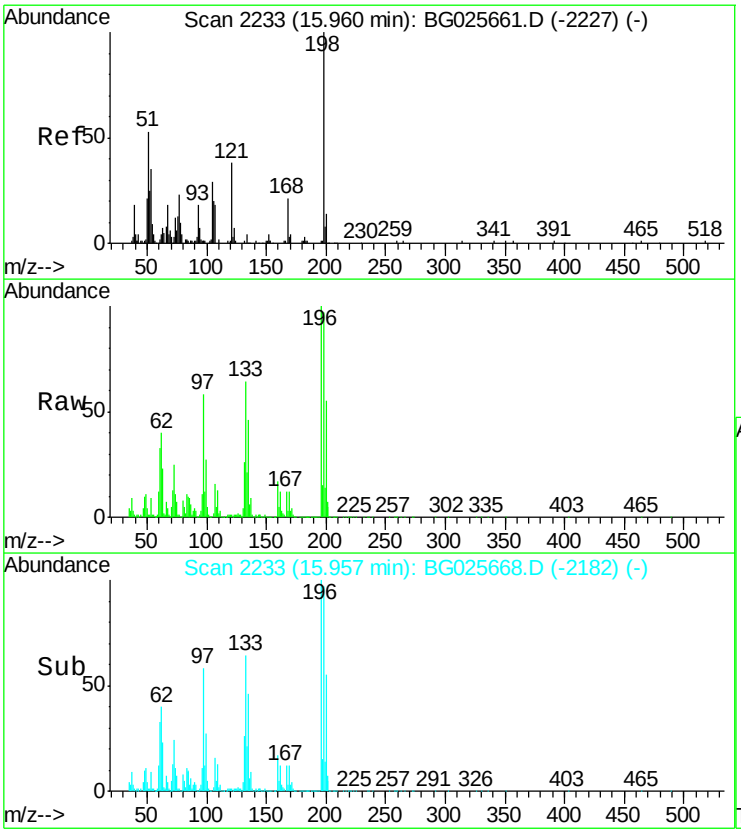
#58
Fluorene
Concen: 9.08 ng/ul
RT: 15.85 min Scan# 2215
Delta R.T. -0.00 min
Lab File: BG025668.D
Acq: 26 Jan 2017 15:56

Instrument :
BNA_G
ClientSampleId :
DA9Q6DL

Tgt Ion:166 Resp: 147363

Ion	Ratio	Lower	Upper
166	100		
165	99.6	79.7	119.5
167	17.4	11.4	17.2#

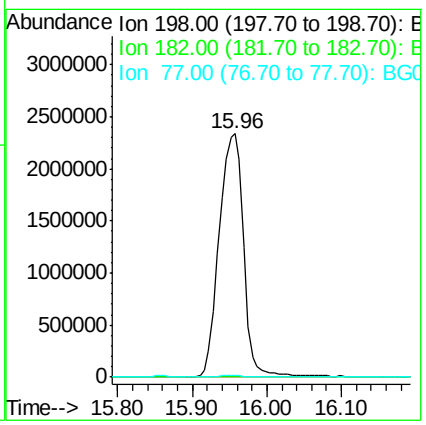


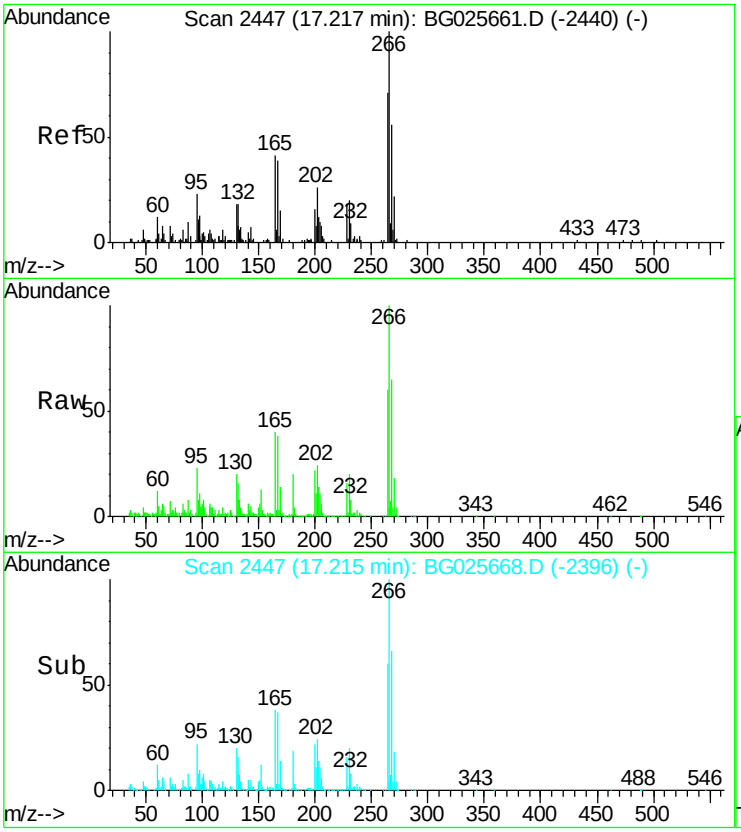


#63
4,6-Dinitro-2-methylphenol
Concen: 1588.41 ng/ul
RT: 15.96 min Scan# 2233
Delta R.T. -0.00 min
Lab File: BG025668.D
Acq: 26 Jan 2017 15:56

Tgt Ion:198 Resp: 5344845

Ion	Ratio	Lower	Upper
198	100		
182	0.2	5.8	6.4#
77	0.9	22.1	33.9#



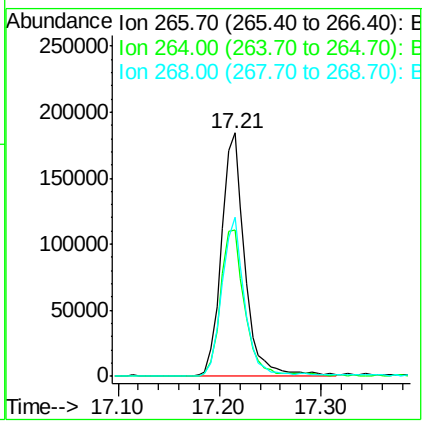


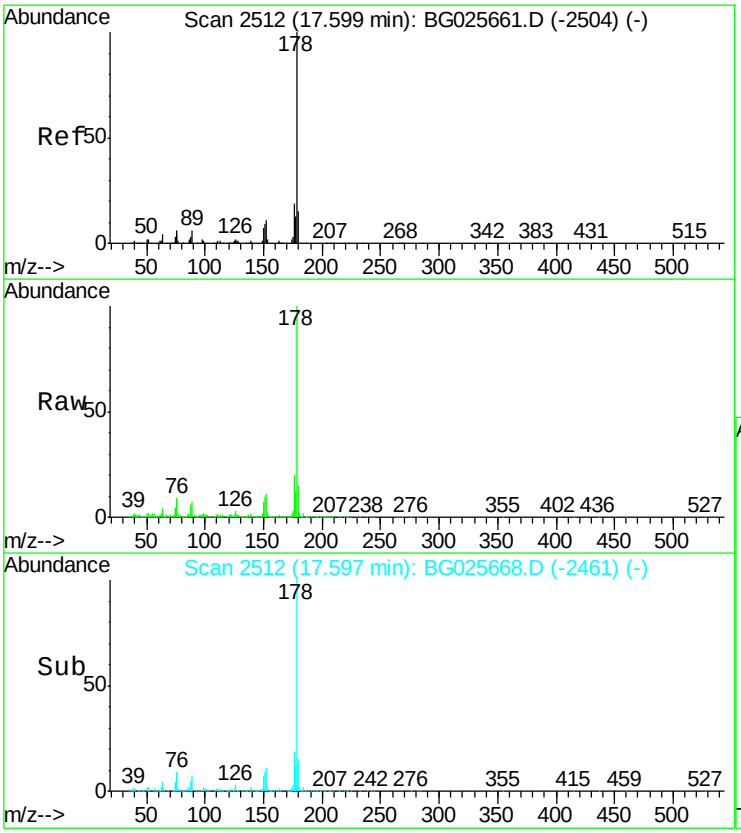
#68
Pentachlorophenol
Concen: 102.20 ng/ul
RT: 17.21 min Scan# 2447
Delta R.T. -0.00 min
Lab File: BG025668.D
Acq: 26 Jan 2017 15:56

Instrument :
BNA_G
ClientSampleId :
DA9Q6DL

Tgt Ion:266 Resp: 296700

Ion	Ratio	Lower	Upper
266	100		
264	59.9	47.1	70.7
268	65.5	56.2	84.4

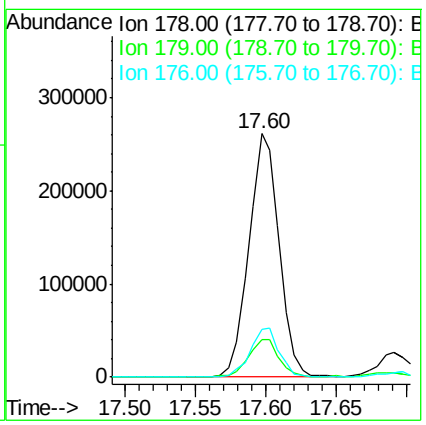


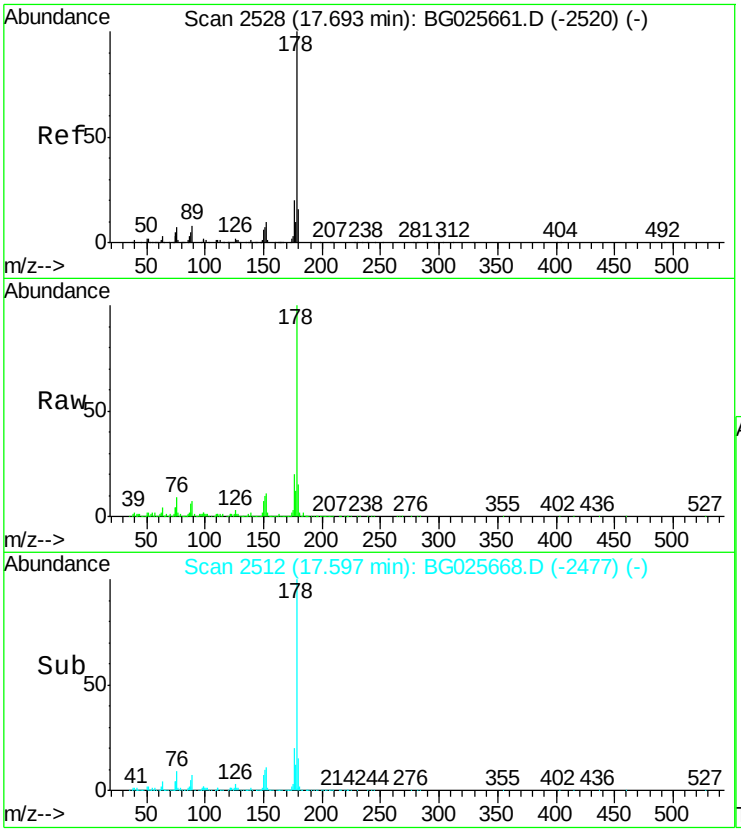


#69
Phenanthrene
Concen: 15.23 ng/ul
RT: 17.60 min Scan# 2512
Delta R.T. -0.00 min
Lab File: BG025668.D
Acq: 26 Jan 2017 15:56

Tgt Ion:178 Resp: 391710

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.4	18.6
176	19.7	16.5	24.7



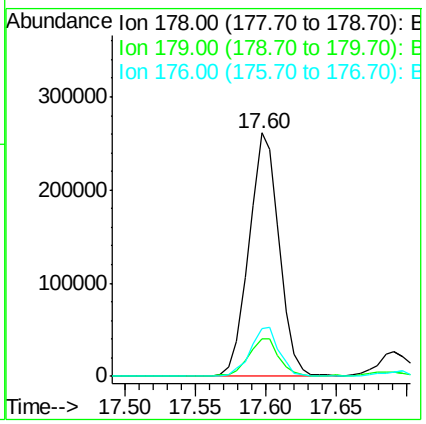


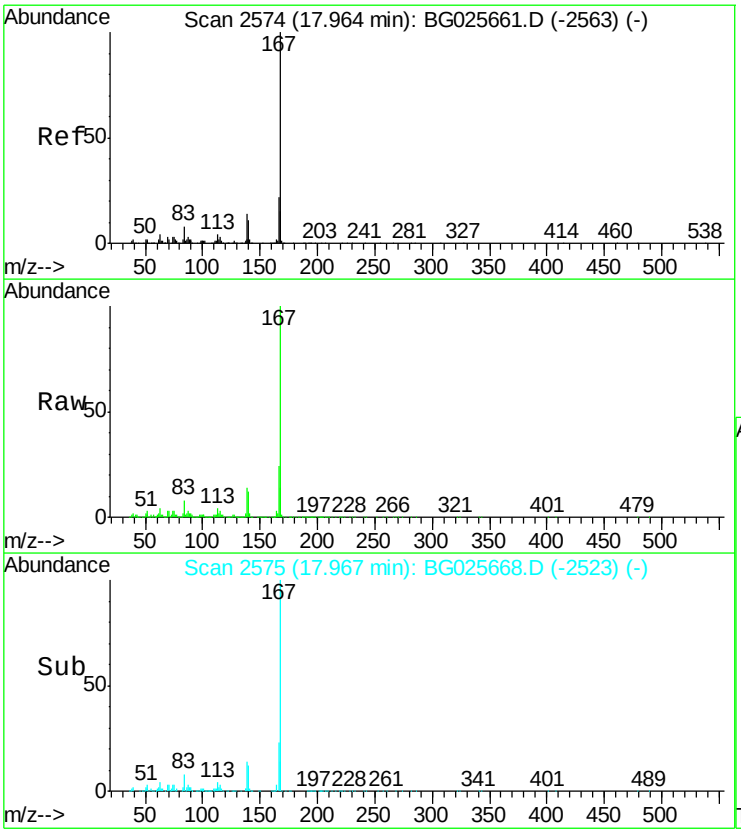
#71
Anthracene
Concen: 15.16 ng/ul
RT: 17.60 min Scan# 2512
Delta R.T. -0.10 min
Lab File: BG025668.D
Acq: 26 Jan 2017 15:56

Instrument :
BNA_G
ClientSampleId :
DA9Q6DL

Tgt Ion:178 Resp: 391904

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.6	19.0
176	19.7	15.9	23.9

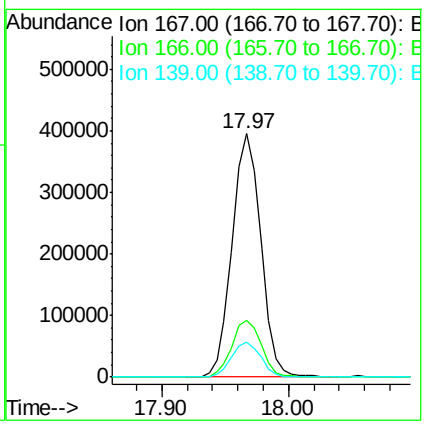


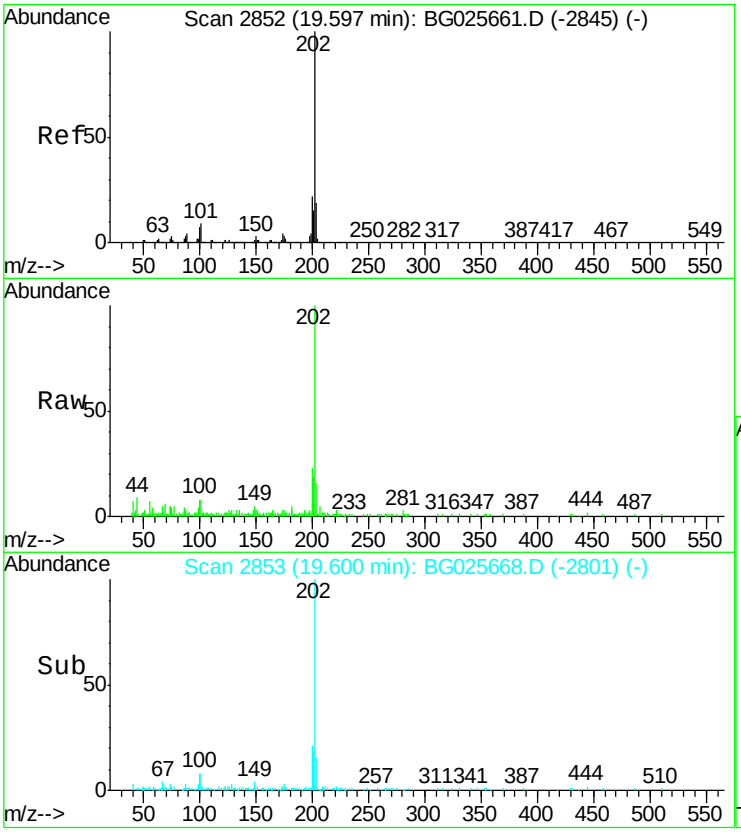


#72
Carbazole
Concen: 28.79 ng/ul
RT: 17.97 min Scan# 2575
Delta R.T. 0.00 min
Lab File: BG025668.D
Acq: 26 Jan 2017 15:56

Tgt Ion:167 Resp: 617450

Ion	Ratio	Lower	Upper
167	100		
166	23.5	17.9	26.9
139	14.2	10.5	15.7





#74
Fluoranthene
Concen: 1.42 ng/ul
RT: 19.60 min Scan# 2853
Delta R.T. 0.00 min
Lab File: BG025668.D
Acq: 26 Jan 2017 15:56

Instrument :
BNA_G
ClientSampleId :
DA9Q6DL

Tgt Ion:202 Resp: 42966

Ion	Ratio	Lower	Upper
202	100		
101	7.9	6.2	9.2
100	8.0	5.2	7.8#