Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG122615\
Data File : BG020558.D
Acq On : 27 Dec 2015 16:36
Operator : UM/SJ
Sample : G4846-22MSD
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N67MSD

Quant Time: Jan 05 03:41:22 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 28 02:38:20 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	17169	20.00	ng/ul	0.00
18) Naphthalene-d8	10.90	136	75230	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.71	164	54139	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	143323	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	175614	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	165111	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.45	96	219	0.70	ng/uL	0.00
5) Phenol-d5	7.23	99	8885	6.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	15560	19.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	18043	17.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.78	113	15186	13.10	ng/ul	0.00
19) Nitrobenzene-d5	9.25	128	11582	19.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.97	143	13252	19.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.52	165	23974	18.48	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.11	166	97007	21.74	ng/ul	0.00
47) Acenaphthylene-d8	14.41	160	101900	19.71	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	4169	5.60	ng/ul	0.00
58) Fluorene-d10	15.70	176	87177	21.60	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	14374	15.13	ng/ul	0.00
71) Anthracene-d10	17.56	188	146761	21.86	ng/ul	0.00
79) Pyrene-d10	19.84	212	176869	23.26	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	176715	21.17	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.26	94	10849	7.56	ng/ul	97
10) 2-Chlorophenol	7.64	128	17787	16.12	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.88	70	20118	21.43	ng/ul	98
28) Naphthalene	10.95	128	712037	178.05	ng/ul	97
33) 4-Chloro-3-methylphenol	12.17	107	26534	19.03	ng/ul	89
34) 2-Methylnaphthalene	12.54	142	85535	28.91	ng/ul	98
41) 1,1'-Biphenyl	13.54	154	29193	6.99	ng/ul	93
45) Dimethylphthalate	14.16	163	20393	4.50	ng/ul	98
48) Acenaphthylene	14.44	152	15922	2.93	ng/ul	97
50) Acenaphthene	14.78	153	209501	57.02	ng/ul	98
53) 4-Nitrophenol	14.93	109	4032	5.99	ng/ul	95
54) Dibenzofuran	15.11	168	117517	21.50	ng/ul	97
55) 2,4-Dinitrotoluene	15.08	165	28398	20.59	ng/ul	90
59) Fluorene	15.76	166	91507	20.66	ng/ul	99
69) Pentachlorophenol	17.11	266	14792	13.72	ng/ul	96
70) Phenanthrene	17.50	178	186502	23.39	ng/ul	98
75) Carbazole	17.86	167	58263	8.48	ng/ul	99
77) Fluoranthene	19.51	202	28278	2.82	ng/ul#	98
80) Pyrene	19.87	202	233756	23.54	ng/ul	99

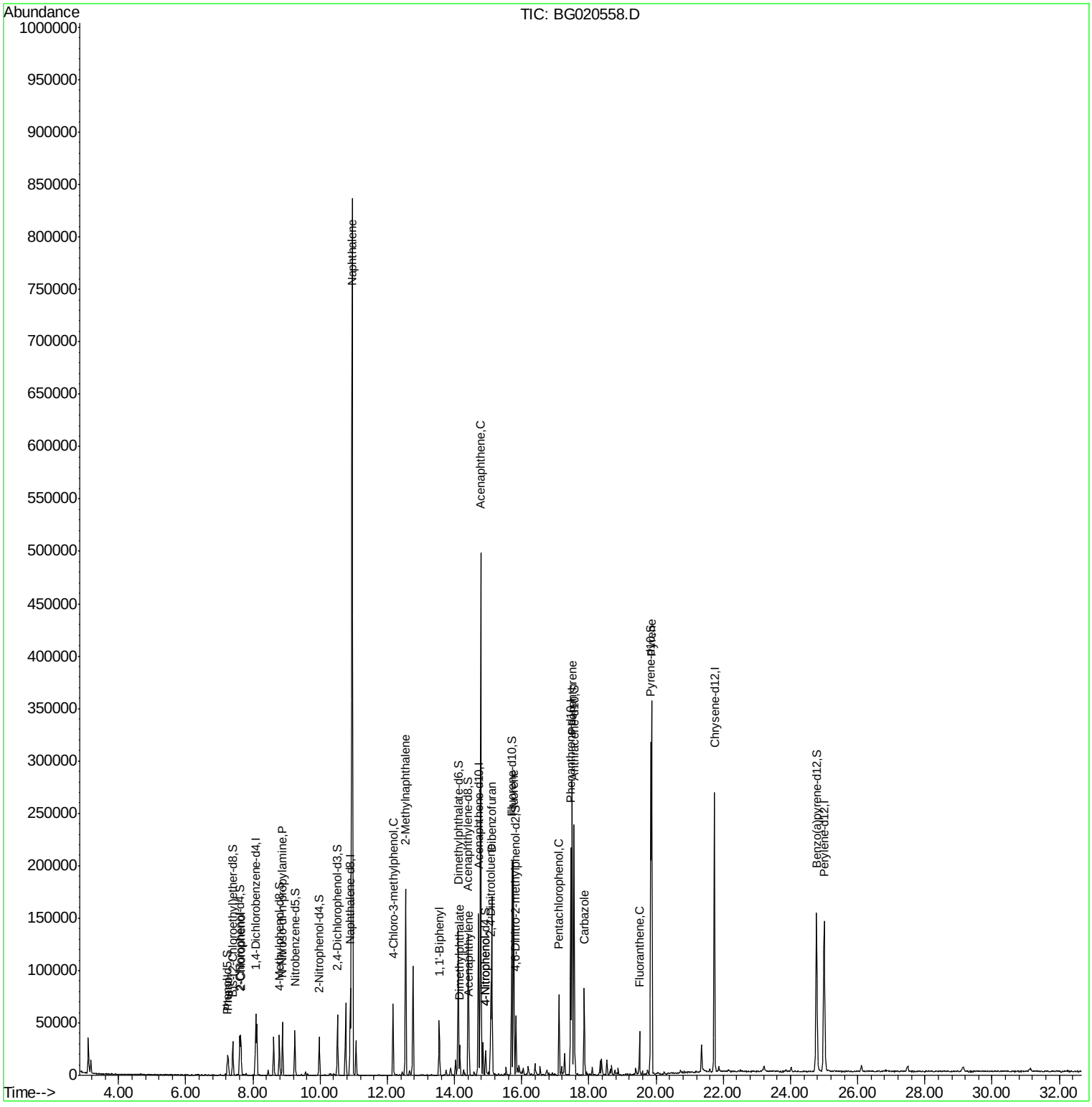
(#) = qualifier out of range (m) = manual integration (+) = signals summed

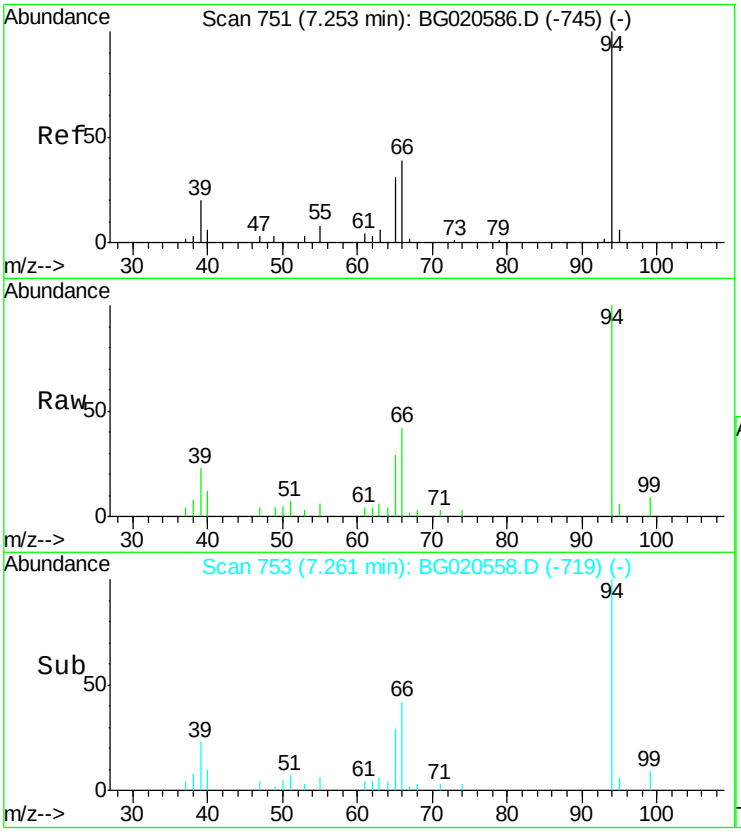
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG122615\
Data File : BG020558.D
Acq On : 27 Dec 2015 16:36
Operator : UM/SJ
Sample : G4846-22MSD
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N67MSD

Quant Time: Jan 05 03:41:22 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 28 02:38:20 2015
Response via : Initial Calibration



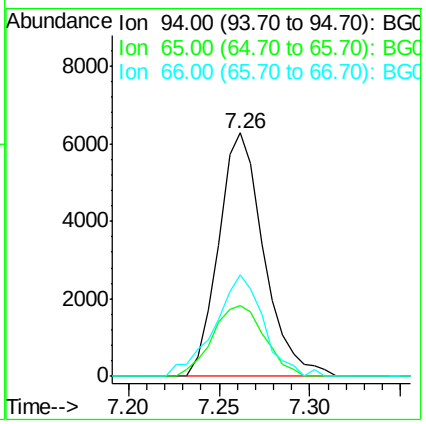


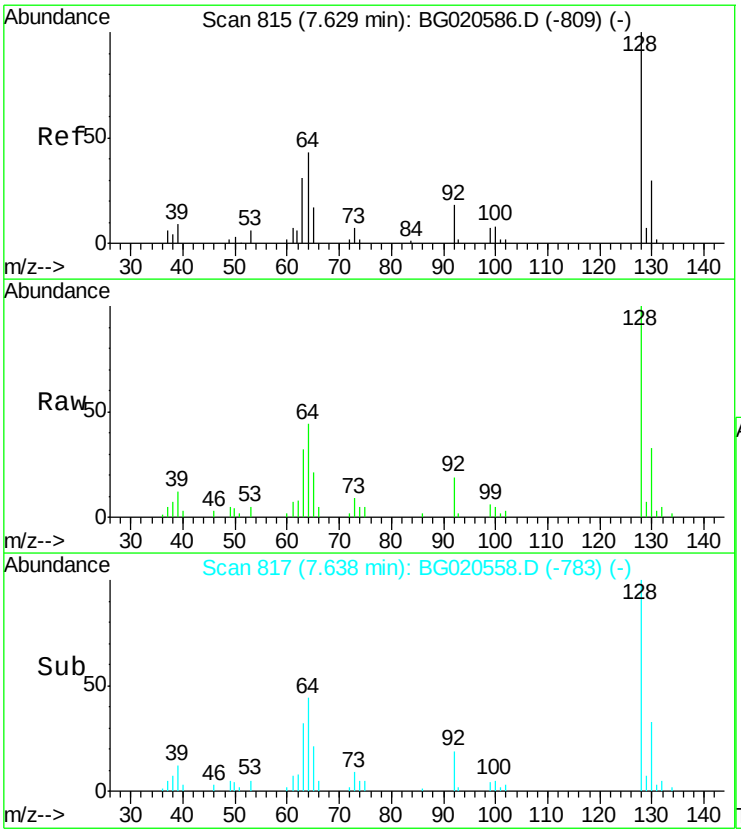
#6
Phenol
Concen: 7.56 ng/ul
RT: 7.26 min Scan# 753
Delta R.T. -0.00 min
Lab File: BG020558.D
Acq: 27 Dec 2015 16:36

Instrument :
BNA_G
ClientSampleId :
D9N67MSD

Tgt Ion: 94 Resp: 10849

Ion	Ratio	Lower	Upper
94	100		
65	29.0	26.3	39.5
66	41.6	33.3	49.9

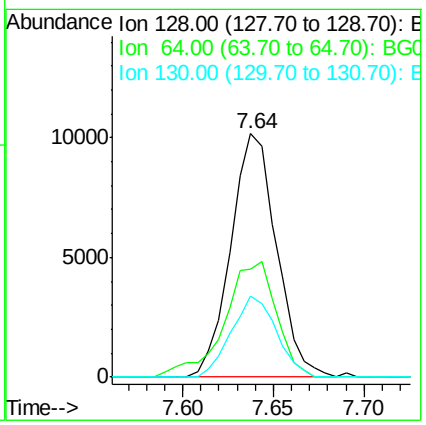


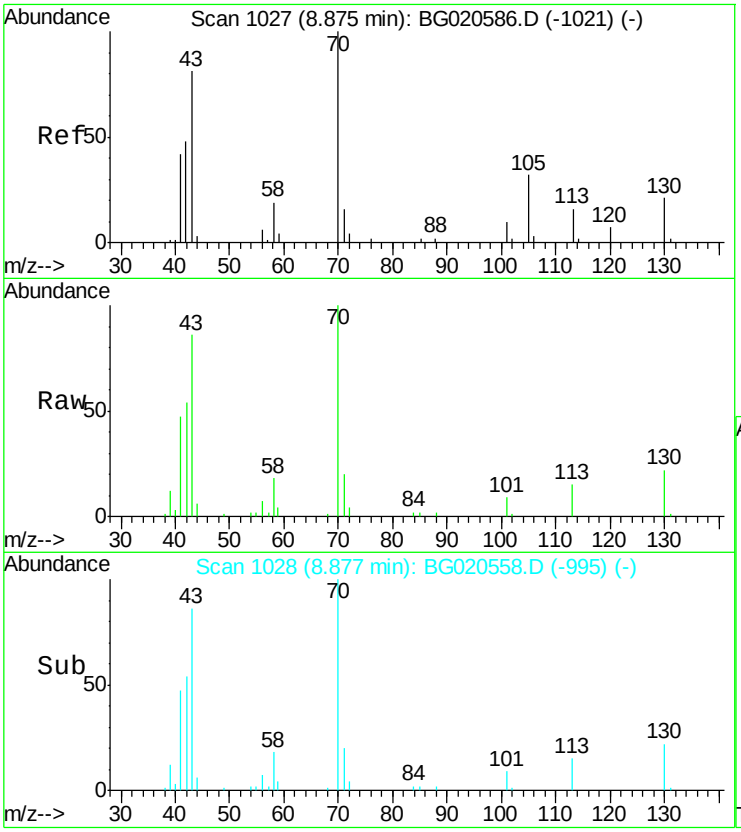


#10
2-Chlorophenol
Concen: 16.12 ng/ul
RT: 7.64 min Scan# 817
Delta R.T. -0.00 min
Lab File: BG020558.D
Acq: 27 Dec 2015 16:36

Tgt Ion:128 Resp: 17787

Ion	Ratio	Lower	Upper
128	100		
64	44.4	39.4	59.0
130	33.4	24.6	36.8



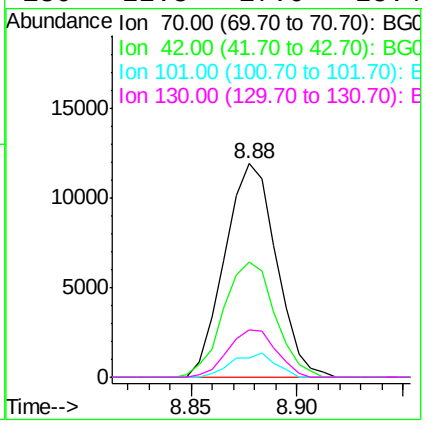


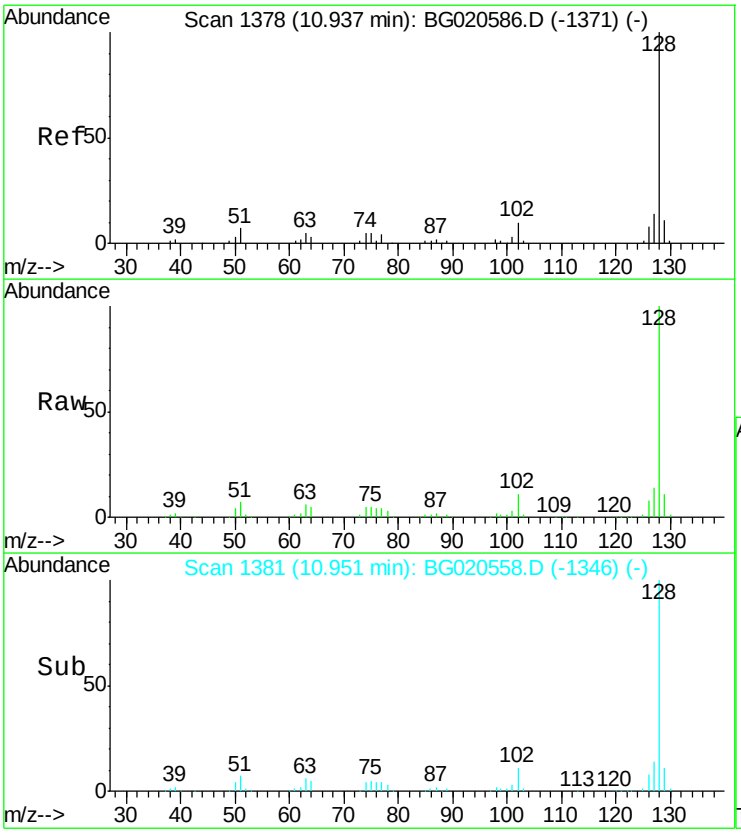
#15
N-Nitroso-di-n-propylamine
Concen: 21.43 ng/ul
RT: 8.88 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG020558.D
Acq: 27 Dec 2015 16:36

Instrument :
BNA_G
ClientSampleId :
D9N67MSD

Tgt Ion: 70 Resp: 20118

Ion	Ratio	Lower	Upper
70	100		
42	54.1	44.3	66.5
101	9.0	7.6	11.4
130	22.3	17.0	25.4

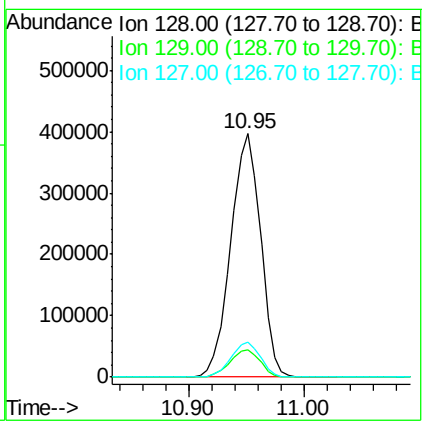


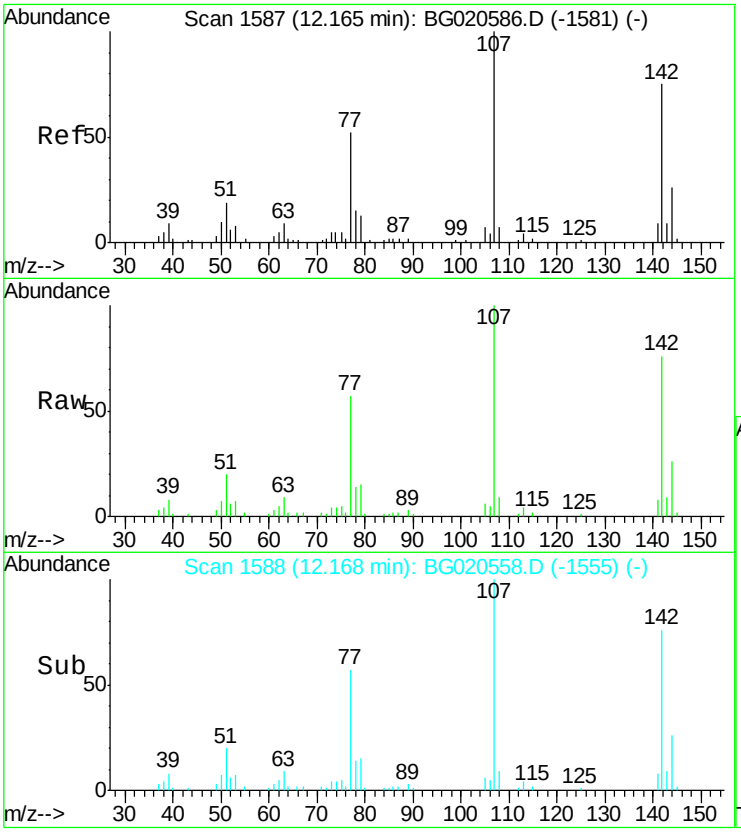


#28
Naphthalene
Concen: 178.05 ng/ul
RT: 10.95 min Scan# 1381
Delta R.T. 0.00 min
Lab File: BG020558.D
Acq: 27 Dec 2015 16:36

Tgt Ion:128 Resp: 712037

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.6	12.8
127	14.4	10.1	15.1



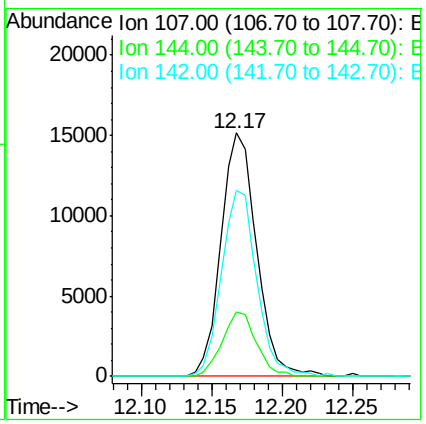


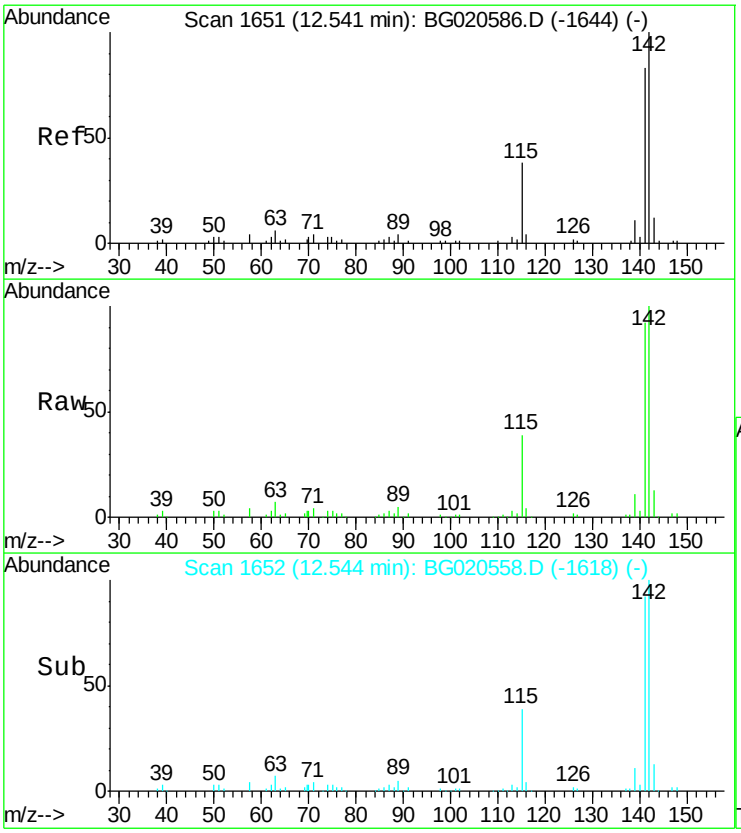
#33
4-Chloro-3-methylphenol
Concen: 19.03 ng/ul
RT: 12.17 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BG020558.D
Acq: 27 Dec 2015 16:36

Instrument :
BNA_G
ClientSampleId :
D9N67MSD

Tgt Ion:107 Resp: 26534

Ion	Ratio	Lower	Upper
107	100		
144	26.3	18.7	28.1
142	76.3	52.8	79.2

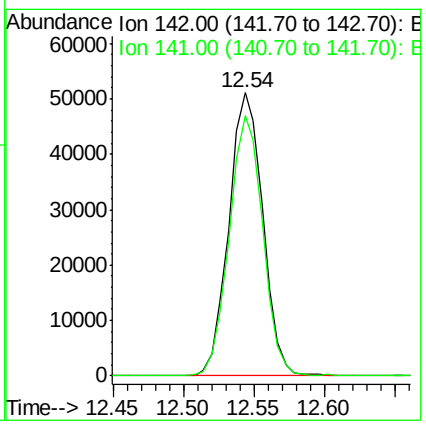


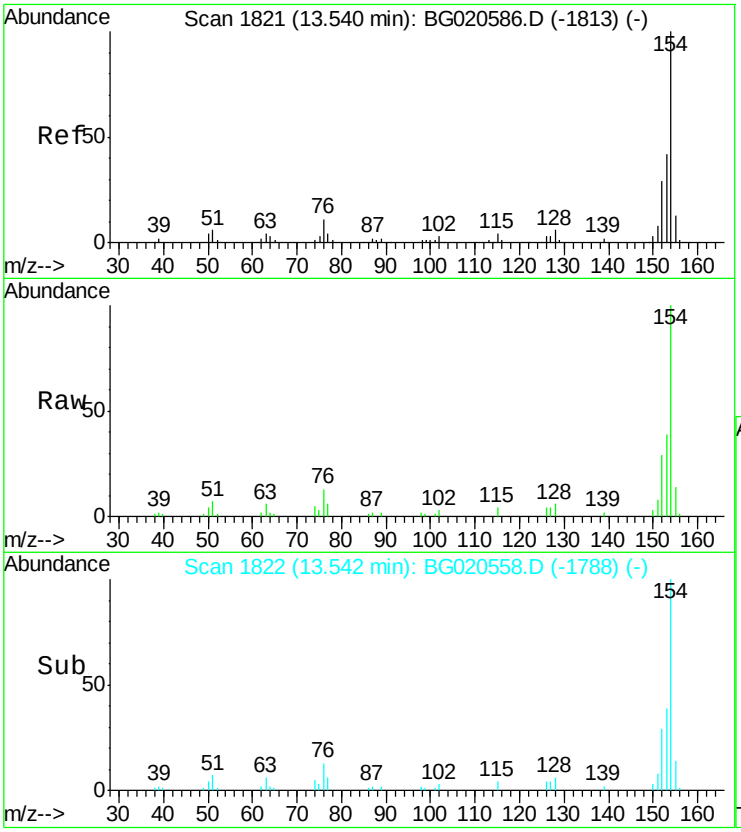


#34
2-Methylnaphthalene
Concen: 28.91 ng/ul
RT: 12.54 min Scan# 1652
Delta R.T. -0.00 min
Lab File: BG020558.D
Acq: 27 Dec 2015 16:36

Tgt Ion:142 Resp: 85535

Ion	Ratio	Lower	Upper
142	100		
141	92.1	74.9	112.3



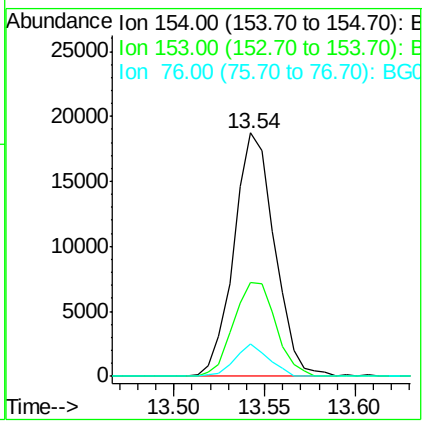


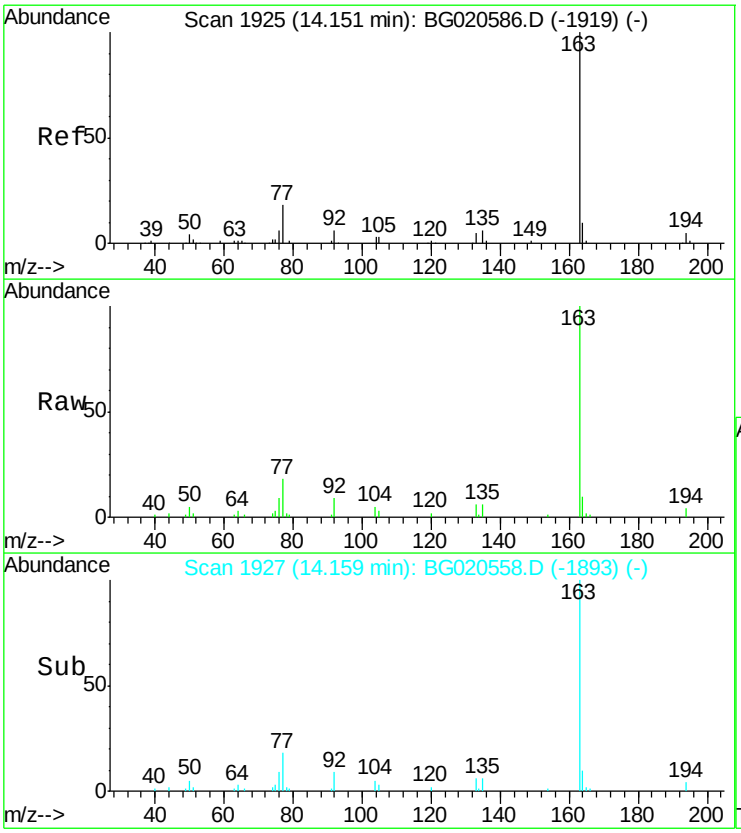
#41
1,1'-Biphenyl
Concen: 6.99 ng/ul
RT: 13.54 min Scan# 1822
Delta R.T. -0.00 min
Lab File: BG020558.D
Acq: 27 Dec 2015 16:36

Instrument :
BNA_G
ClientSampleId :
D9N67MSD

Tgt Ion:154 Resp: 29193

Ion	Ratio	Lower	Upper
154	100		
153	38.6	35.5	53.3
76	13.3	10.4	15.6

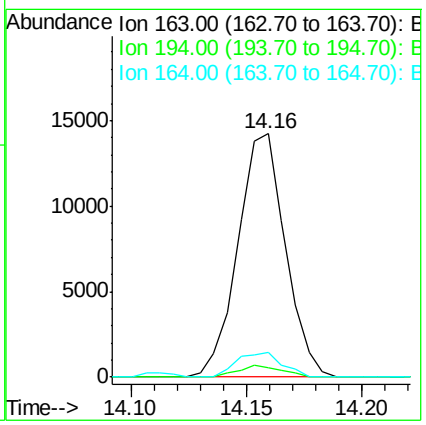


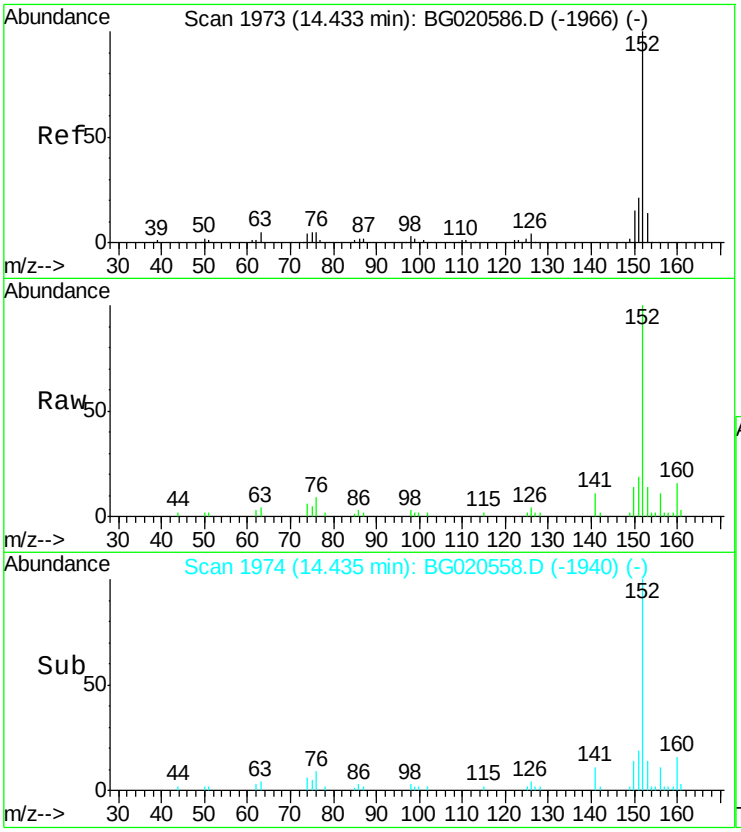


#45
Dimethylphthalate
Concen: 4.50 ng/ul
RT: 14.16 min Scan# 1927
Delta R.T. -0.00 min
Lab File: BG020558.D
Acq: 27 Dec 2015 16:36

Tgt Ion:163 Resp: 20393

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.5	5.3
164	10.1	7.7	11.5



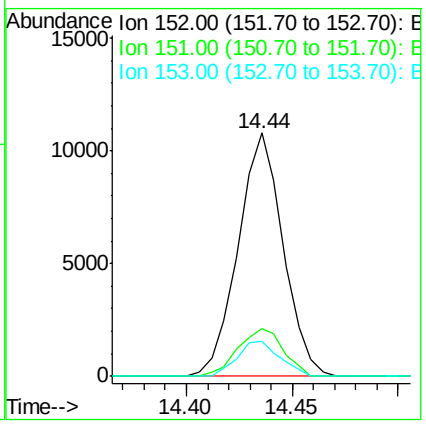


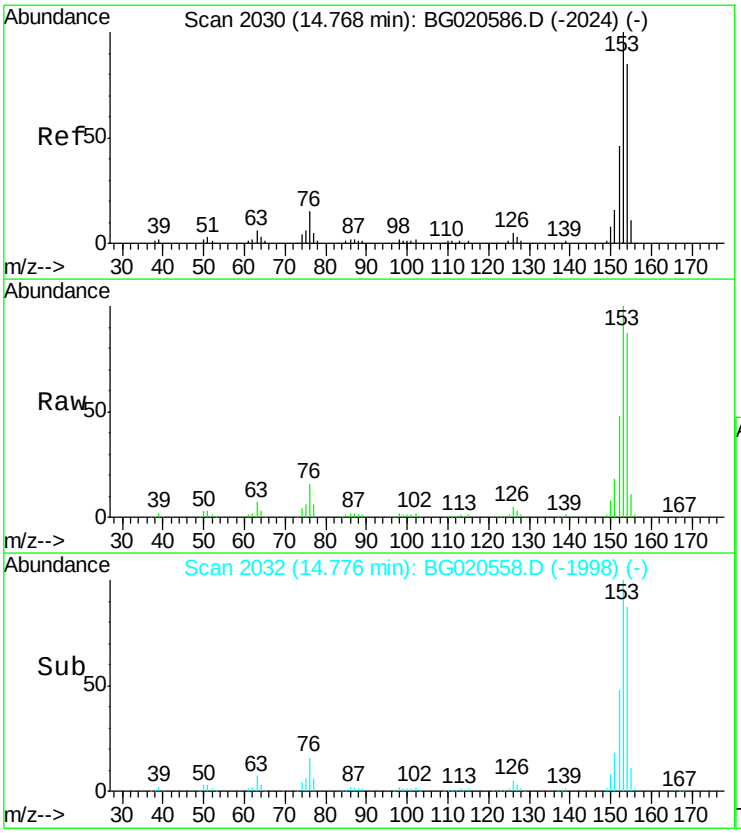
#48
Acenaphthylene
Concen: 2.93 ng/ul
RT: 14.44 min Scan# 1974
Delta R.T. -0.00 min
Lab File: BG020558.D
Acq: 27 Dec 2015 16:36

Instrument :
BNA_G
ClientSampleId :
D9N67MSD

Tgt Ion:152 Resp: 15922

Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.4	24.6
153	14.5	10.4	15.6

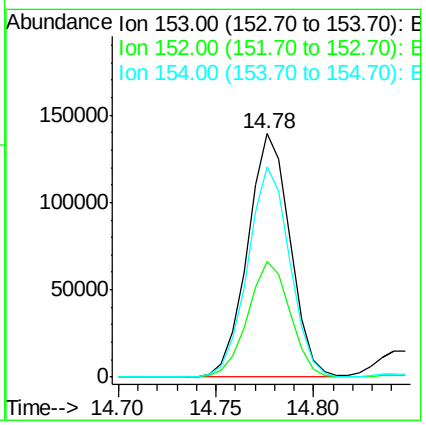


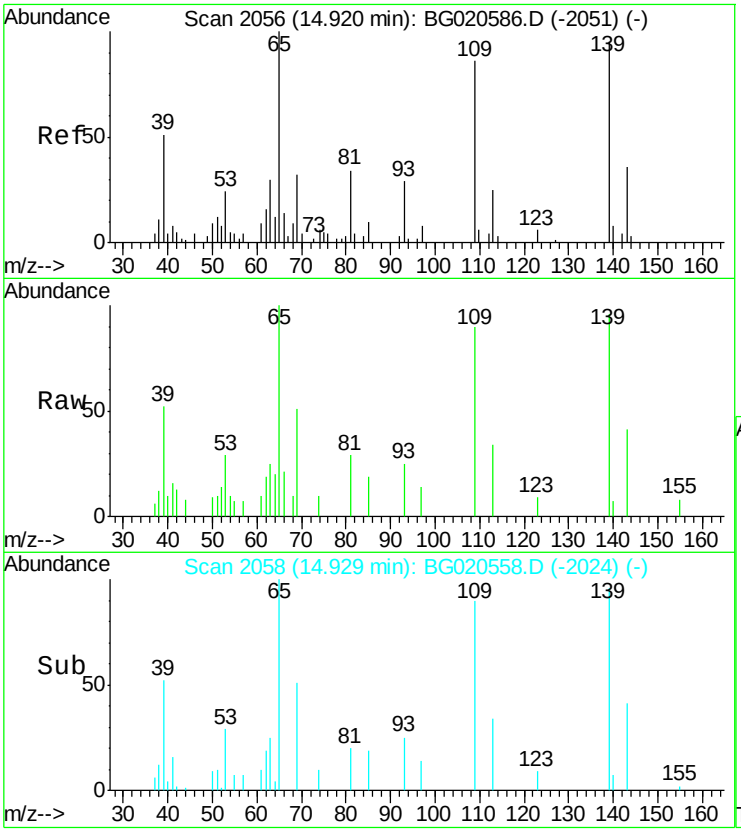


#50
Acenaphthene
Concen: 57.02 ng/ul
RT: 14.78 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BG020558.D
Acq: 27 Dec 2015 16:36

Tgt Ion:153 Resp: 209501

Ion	Ratio	Lower	Upper
153	100		
152	47.7	37.6	56.4
154	86.6	67.9	101.9



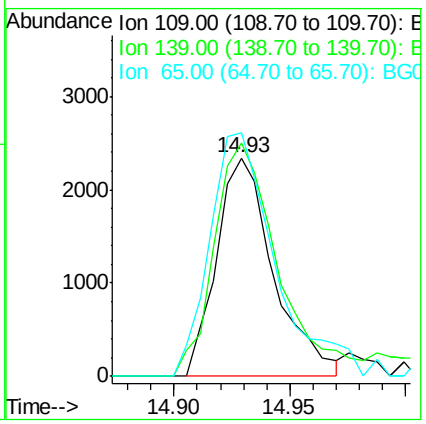


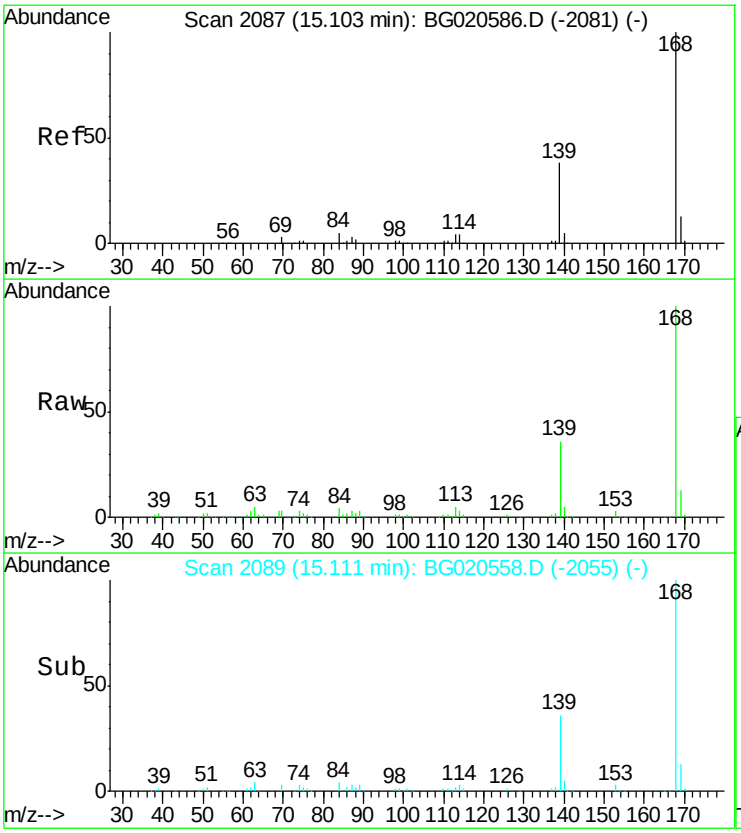
#53
4-Nitrophenol
Concen: 5.99 ng/ul
RT: 14.93 min Scan# 2058
Delta R.T. -0.00 min
Lab File: BG020558.D
Acq: 27 Dec 2015 16:36

Instrument :
BNA_G
ClientSampleId :
D9N67MSD

Tgt Ion:109 Resp: 4032

Ion	Ratio	Lower	Upper
109	100		
139	107.1	80.5	120.7
65	111.7	93.4	140.2

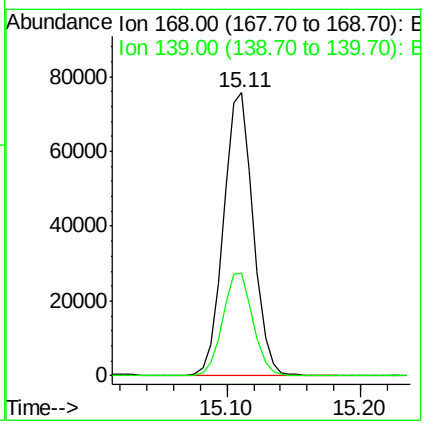


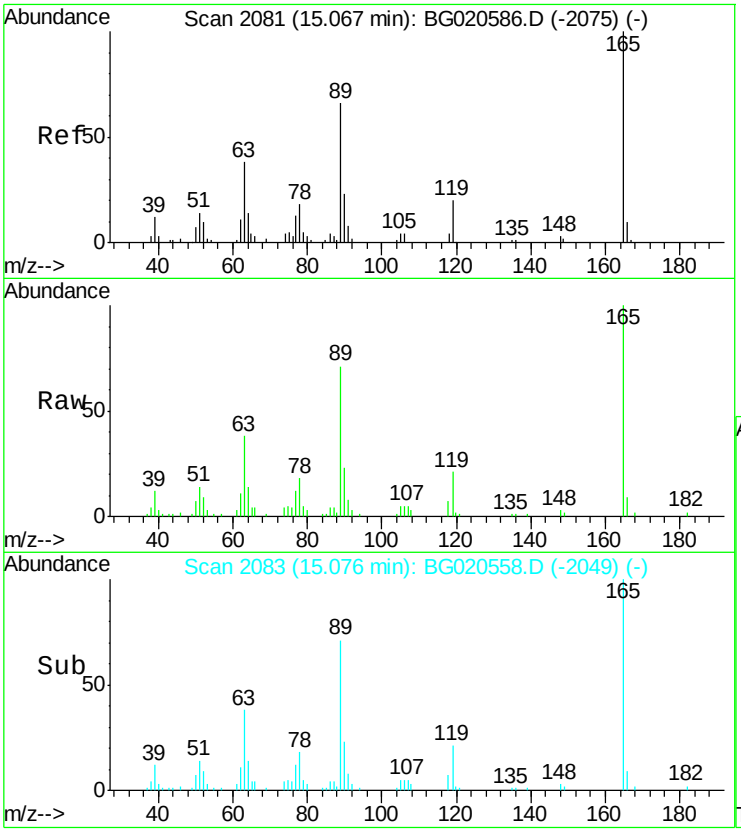


#54
Dibenzofuran
Concen: 21.50 ng/ul
RT: 15.11 min Scan# 2089
Delta R.T. -0.00 min
Lab File: BG020558.D
Acq: 27 Dec 2015 16:36

Tgt Ion:168 Resp: 117517

Ion	Ratio	Lower	Upper
168	100		
139	36.1	30.5	45.7



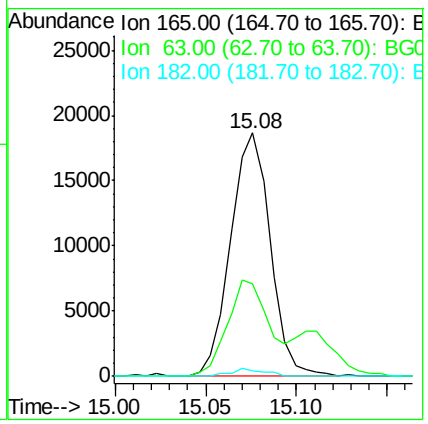


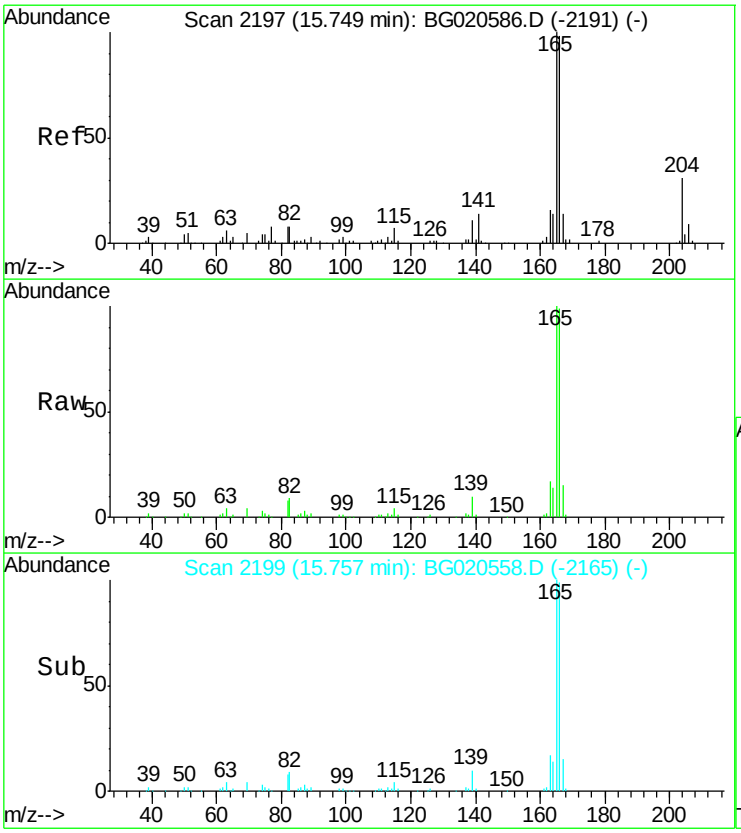
#55
2,4-Dinitrotoluene
Concen: 20.59 ng/ul
RT: 15.08 min Scan# 2083
Delta R.T. -0.00 min
Lab File: BG020558.D
Acq: 27 Dec 2015 16:36

Instrument :
BNA_G
ClientSampleId :
D9N67MSD

Tgt Ion:165 Resp: 28398

Ion	Ratio	Lower	Upper
165	100		
63	38.2	35.8	53.8
182	2.4	2.2	3.2

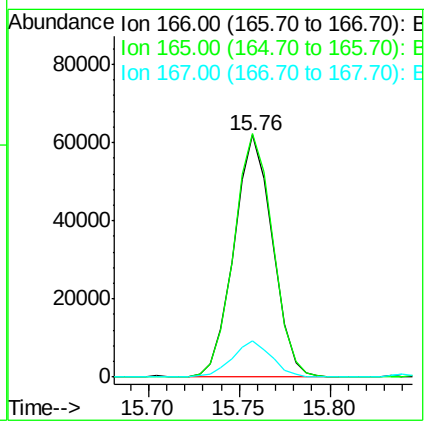


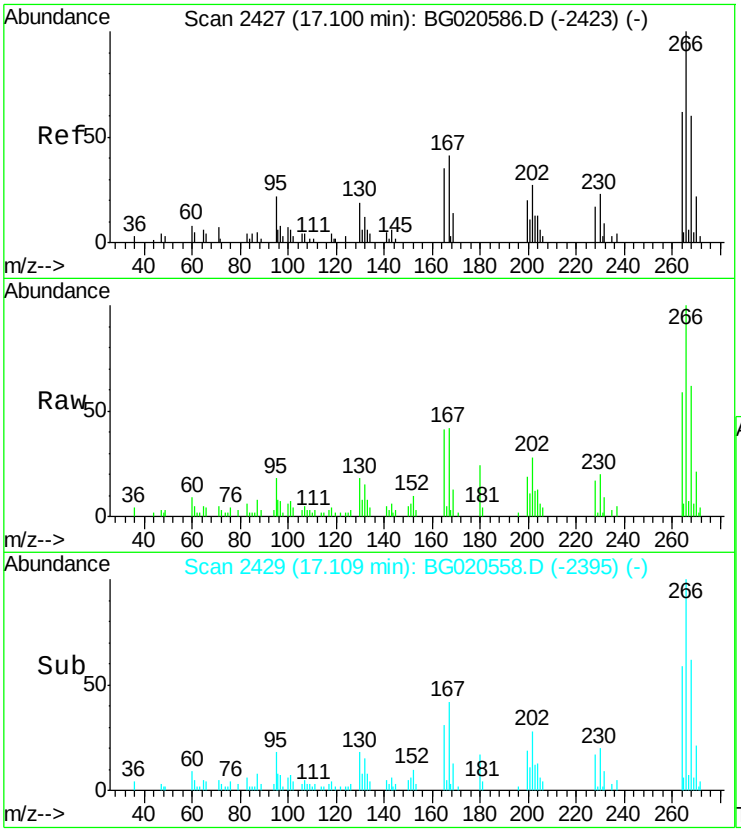


#59
Fluorene
Concen: 20.66 ng/ul
RT: 15.76 min Scan# 2199
Delta R.T. -0.00 min
Lab File: BG020558.D
Acq: 27 Dec 2015 16:36

Tgt Ion:166 Resp: 91507

Ion	Ratio	Lower	Upper
166	100		
165	100.6	81.4	122.0
167	14.8	11.2	16.8



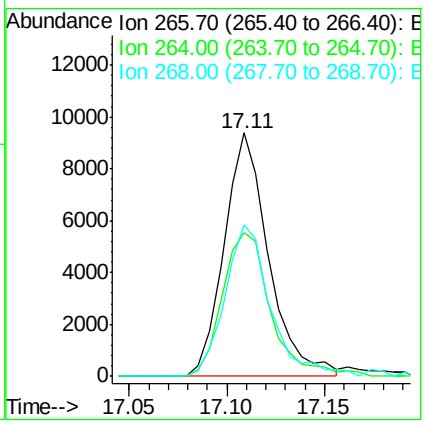


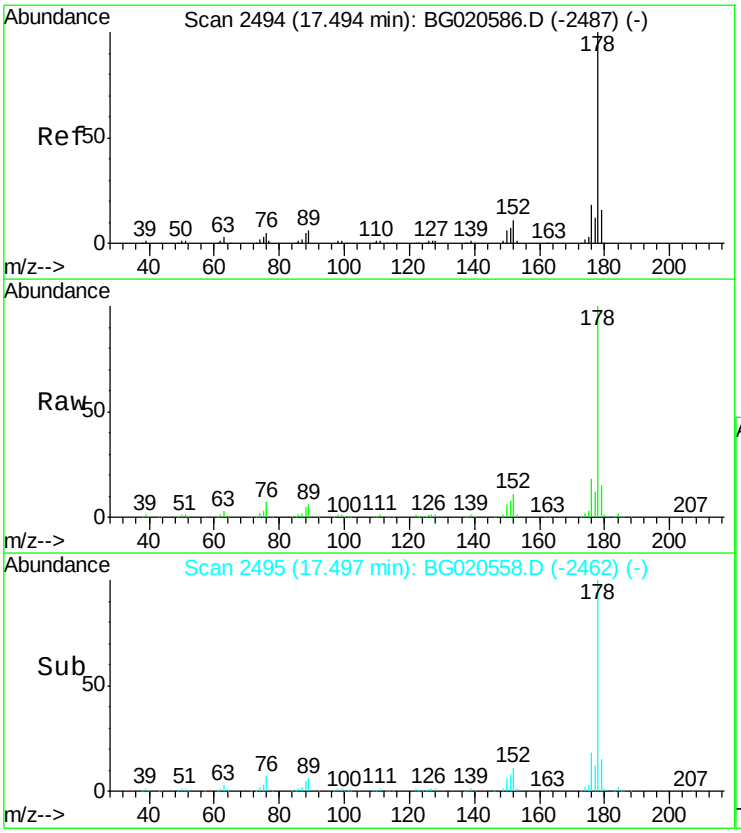
#69
Pentachlorophenol
Concen: 13.72 ng/ul
RT: 17.11 min Scan# 2429
Delta R.T. -0.00 min
Lab File: BG020558.D
Acq: 27 Dec 2015 16:36

Instrument :
BNA_G
ClientSampleId :
D9N67MSD

Tgt Ion:266 Resp: 14792

Ion	Ratio	Lower	Upper
266	100		
264	59.0	52.2	78.2
268	62.1	49.3	73.9

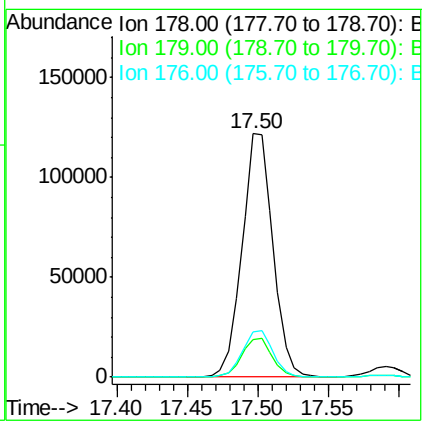


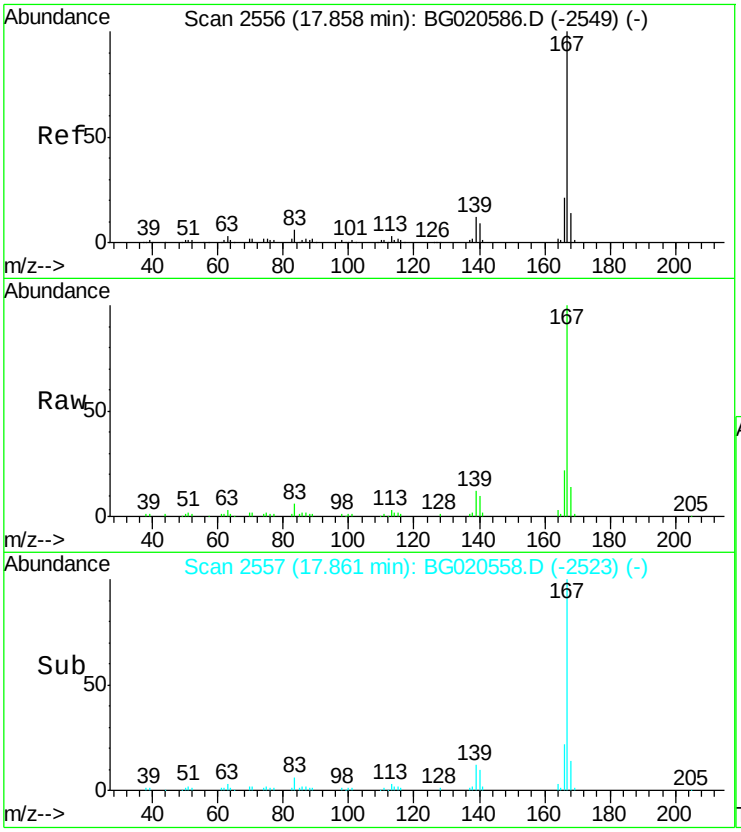


#70
Phenanthrene
Concen: 23.39 ng/ul
RT: 17.50 min Scan# 2495
Delta R.T. -0.01 min
Lab File: BG020558.D
Acq: 27 Dec 2015 16:36

Tgt Ion:178 Resp: 186502

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.9	19.3
176	18.4	15.3	22.9



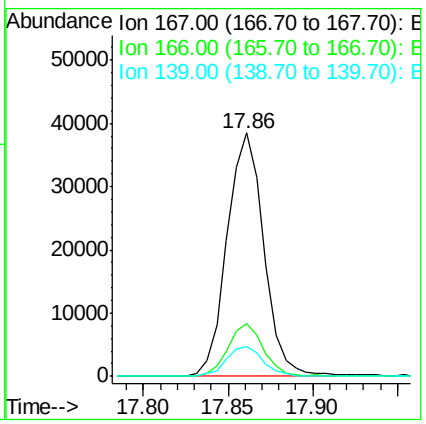


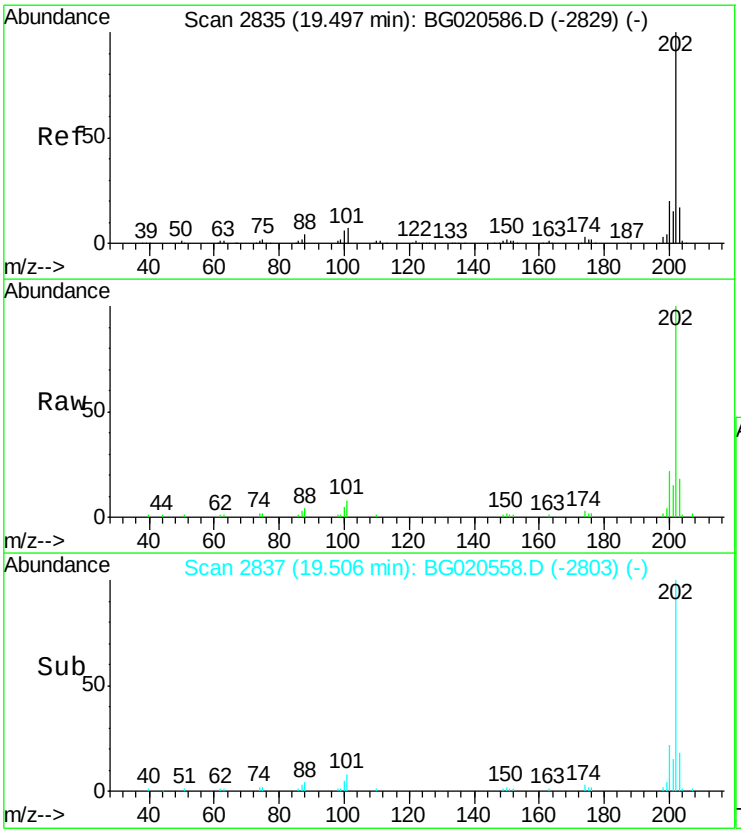
#75
Carbazole
Concen: 8.48 ng/ul
RT: 17.86 min Scan# 2557
Delta R.T. -0.00 min
Lab File: BG020558.D
Acq: 27 Dec 2015 16:36

Instrument :
BNA_G
ClientSampleId :
D9N67MSD

Tgt Ion:167 Resp: 58263

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.0	25.6
139	12.0	10.1	15.1

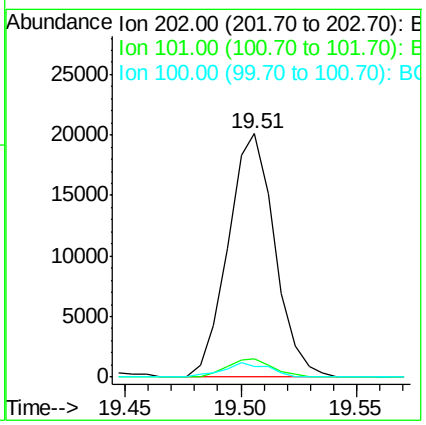


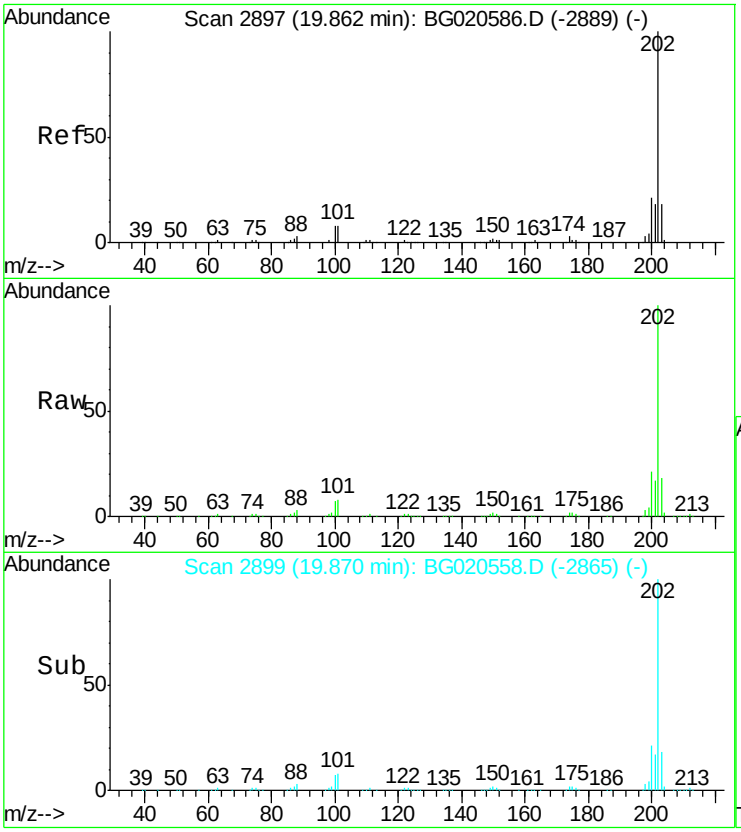


#77
Fluoranthene
Concen: 2.82 ng/ul
RT: 19.51 min Scan# 2837
Delta R.T. -0.00 min
Lab File: BG020558.D
Acq: 27 Dec 2015 16:36

Tgt Ion:202 Resp: 28278

Ion	Ratio	Lower	Upper
202	100		
101	7.7	6.2	9.4
100	4.6	5.1	7.7#





#80
Pyrene
Concen: 23.54 ng/ul
RT: 19.87 min Scan# 2899
Delta R.T. -0.00 min
Lab File: BG020558.D
Acq: 27 Dec 2015 16:36

Instrument :
BNA_G
ClientSampleId :
D9N67MSD

Tgt Ion:202 Resp: 233756

Ion	Ratio	Lower	Upper
202	100		
101	8.4	7.0	10.4
100	7.5	6.4	9.6