Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
Data File : BG020562.D
Acq On : 27 Dec 2015 19:54
Operator : UM/SJ
Sample : G4846-09
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N55

Quant Time: Dec 28 05:02:33 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 28 04:59:10 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	52099	20.00	ng/ul	0.00
18) Naphthalene-d8	10.90	136	248095	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.71	164	182477	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	457331	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	564998	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	531707	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.45	96	414	0.44	ng/uL	0.00
5) Phenol-d5	7.23	99	12688	3.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	29356	11.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	32188	10.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.78	113	24011	6.83	ng/ul	0.00
19) Nitrobenzene-d5	9.25	128	22051	11.34	ng/ul	0.00
22) 2-Nitrophenol-d4	9.97	143	25828	11.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.52	165	43102	10.07	ng/ul	0.00
29) 4-Chloroaniline-d4	11.03	131	62	0.01	ng/ul	0.00
44) Dimethylphthalate-d6	14.11	166	171924	11.43	ng/ul	0.00
47) Acenaphthylene-d8	14.41	160	192742	11.06	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	5907	2.36	ng/ul	0.00
58) Fluorene-d10	15.70	176	158760	11.67	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	28976	9.56	ng/ul	0.00
71) Anthracene-d10	17.56	188	257494	12.02	ng/ul	0.00
79) Pyrene-d10	19.84	212	303307	12.40	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	336886	12.53	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.95	128	651490	49.40	ng/ul	97
30) 4-Chloroaniline	10.95	127	90071	18.27	ng/ul#	9
34) 2-Methylnaphthalene	12.54	142	103159	10.57	ng/ul	99
35) 1-Methylnaphthalene	12.76	142	62358	6.73	ng/ul#	100
41) 1,1'-Biphenyl	13.54	154	39935	2.84	ng/ul#	96
50) Acenaphthene	14.78	153	183013	14.78	ng/ul	99
54) Dibenzofuran	15.11	168	139034	7.55	ng/ul	99
59) Fluorene	15.76	166	124215	8.32	ng/ul	97
70) Phenanthrene	17.50	178	310120	12.19	ng/ul	100
75) Carbazole	17.86	167	39451	1.80	ng/ul	97
77) Fluoranthene	19.51	202	44212	1.38	ng/ul#	97

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

Quantitation Report (Not Reviewed)

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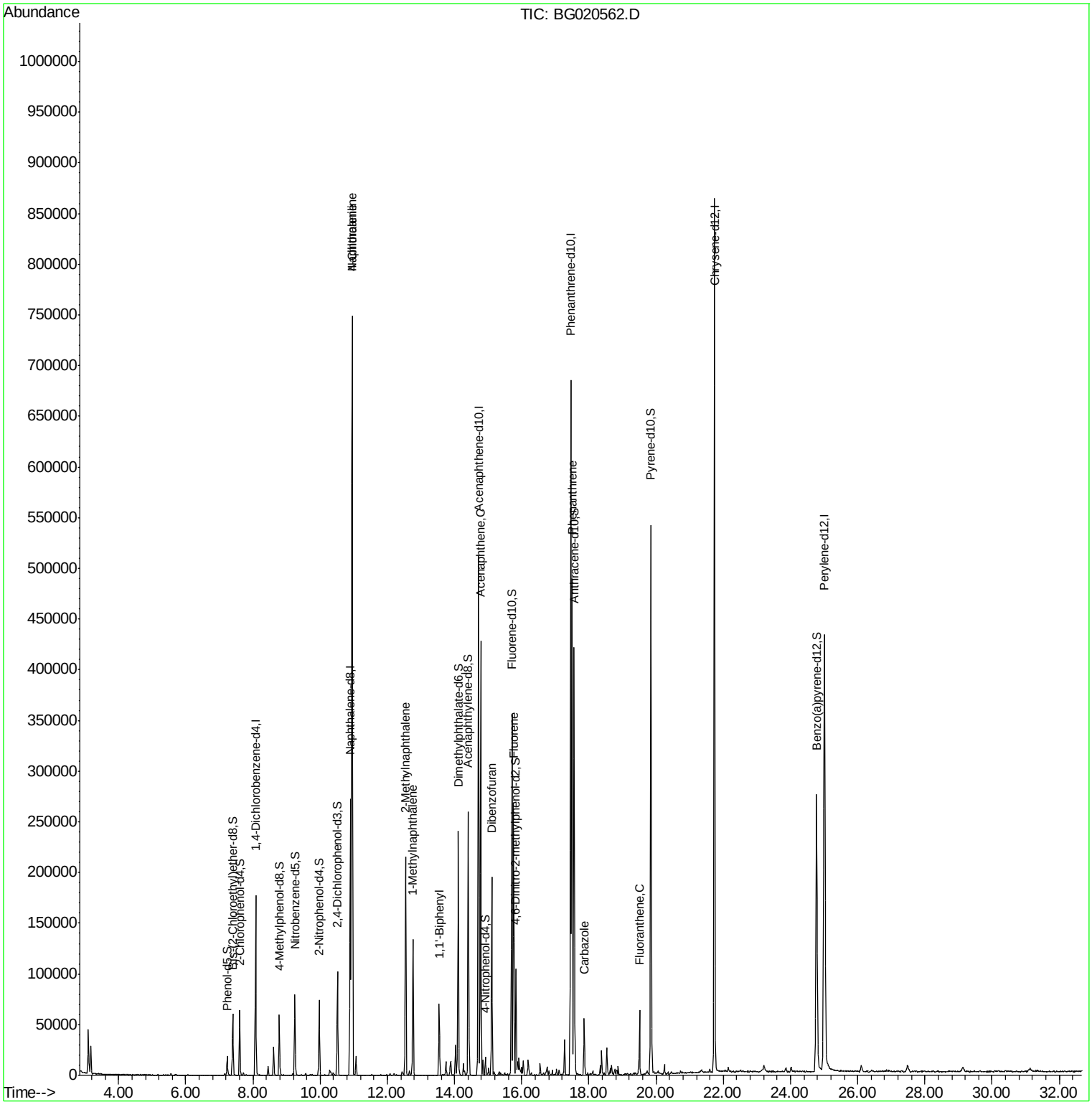
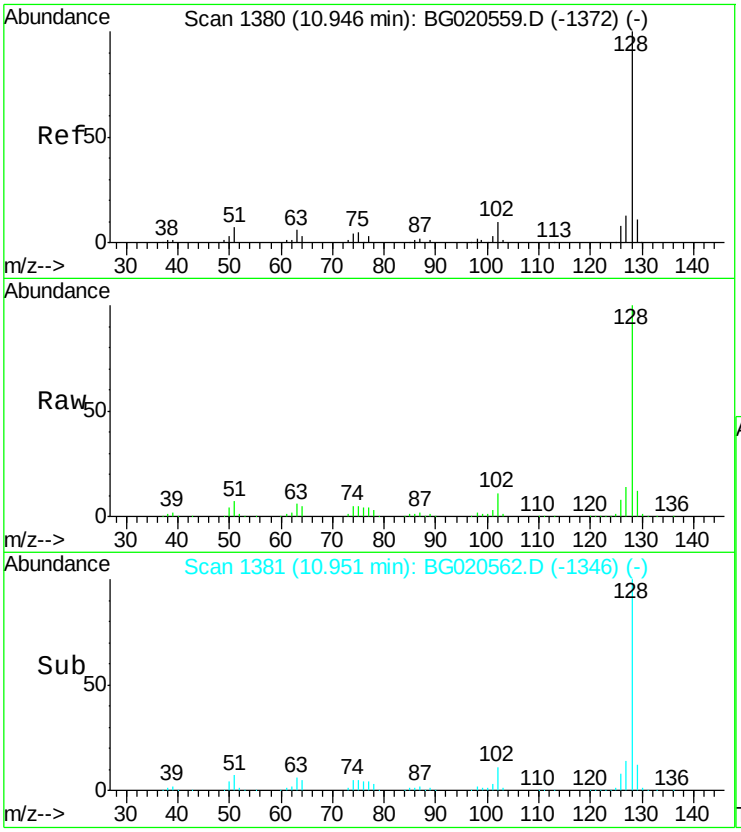
Sample : G4846-09
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N55

Quant Time: Dec 28 05:02:33 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 28 04:59:10 2015
Response via : Initial Calibration



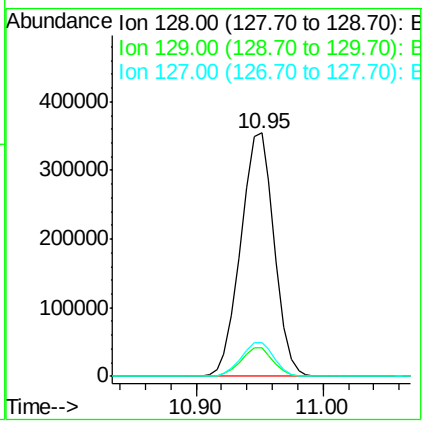


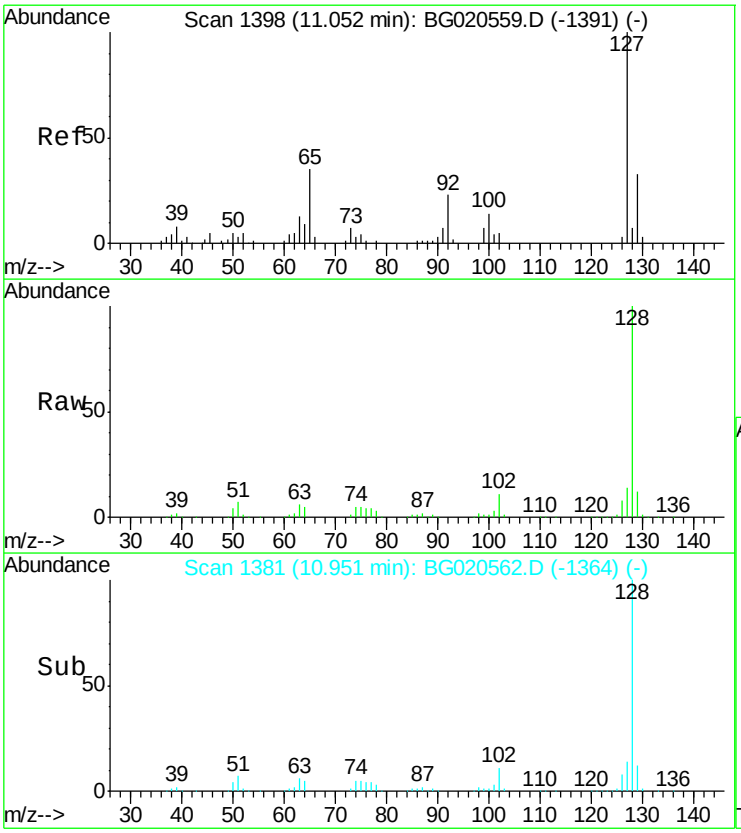
#28
Naphthalene
Concen: 49.40 ng/ul
RT: 10.95 min Scan# 1381
Delta R.T. 0.01 min
Lab File: BG020562.D
Acq: 27 Dec 2015 19:54

Instrument :
BNA_G
ClientSampleId :
D9N55

Tgt Ion:128 Resp: 651490

Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.6	12.8
127	14.1	10.1	15.1

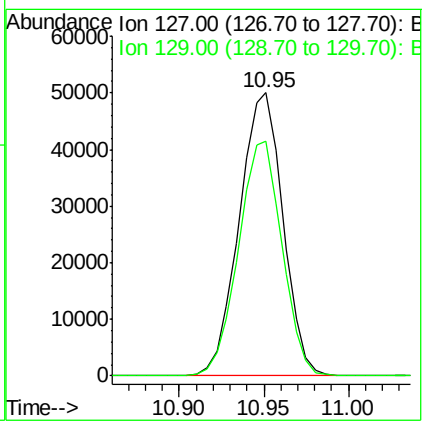


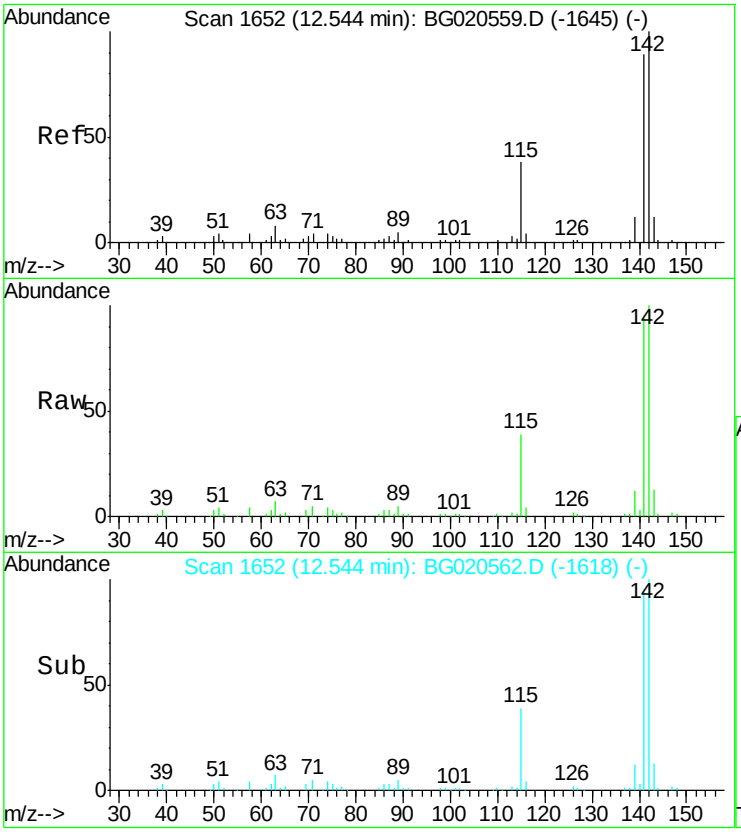


#30
4-Chloroaniline
Concen: 18.27 ng/ul
RT: 10.95 min Scan# 1381
Delta R.T. -0.10 min
Lab File: BG020562.D
Acq: 27 Dec 2015 19:54

Tgt Ion:127 Resp: 90071

Ion	Ratio	Lower	Upper
127	100		
129	82.9	25.7	38.5#



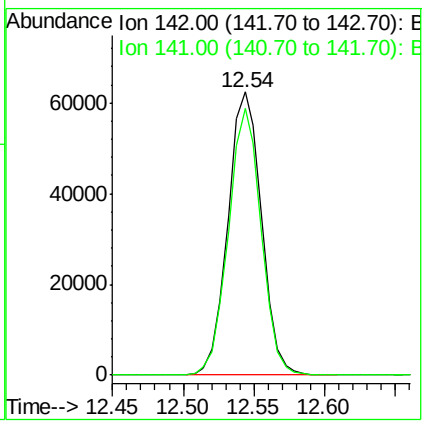


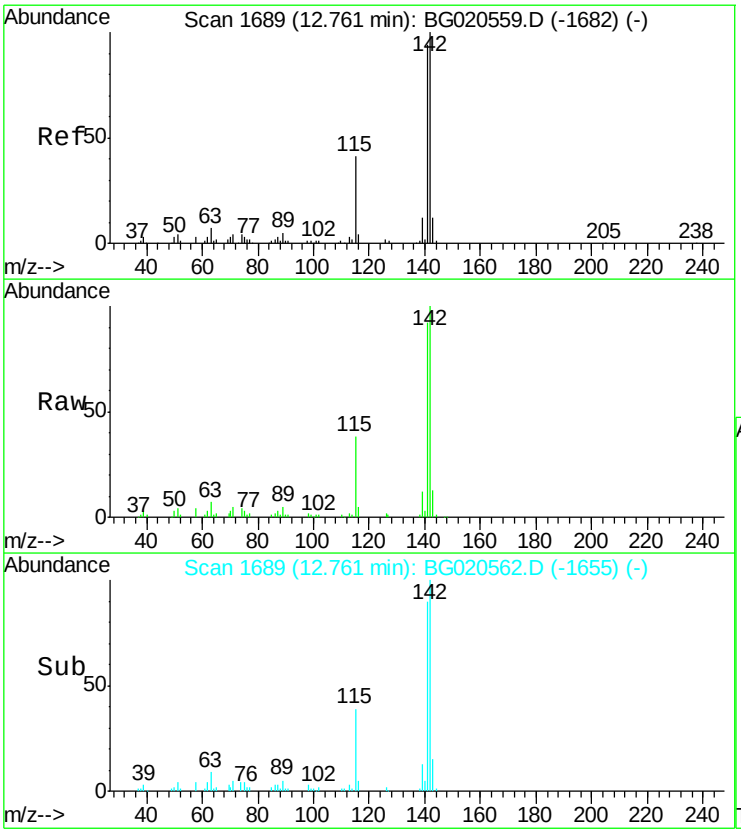
#34
2-Methylnaphthalene
Concen: 10.57 ng/ul
RT: 12.54 min Scan# 1652
Delta R.T. -0.00 min
Lab File: BG020562.D
Acq: 27 Dec 2015 19:54

Instrument :
BNA_G
ClientSampleId :
D9N55

Tgt Ion:142 Resp: 103159

Ion	Ratio	Lower	Upper
142	100		
141	94.4	74.9	112.3

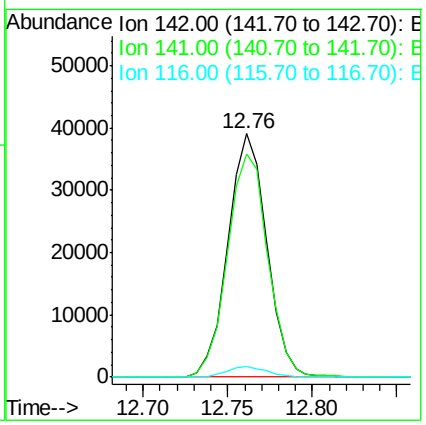


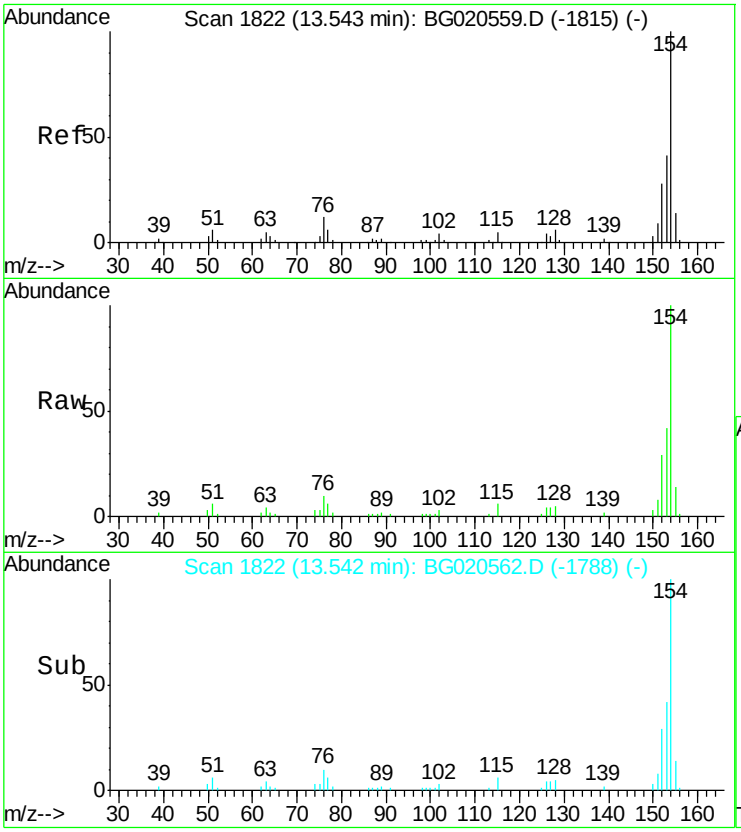


#35
1-Methylnaphthalene
Concen: 6.73 ng/ul
RT: 12.76 min Scan# 1689
Delta R.T. -0.00 min
Lab File: BG020562.D
Acq: 27 Dec 2015 19:54

Tgt Ion:142 Resp: 62358

Ion	Ratio	Lower	Upper
142	100		
141	91.6	73.0	109.6
116	4.6	3.0	4.6#



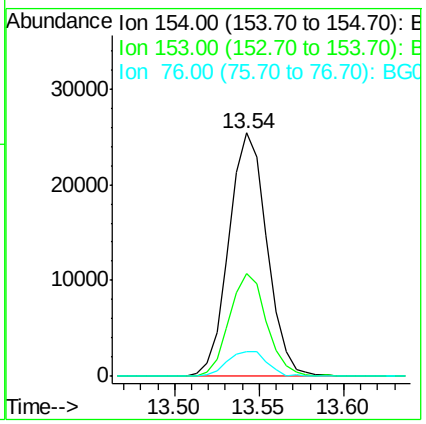


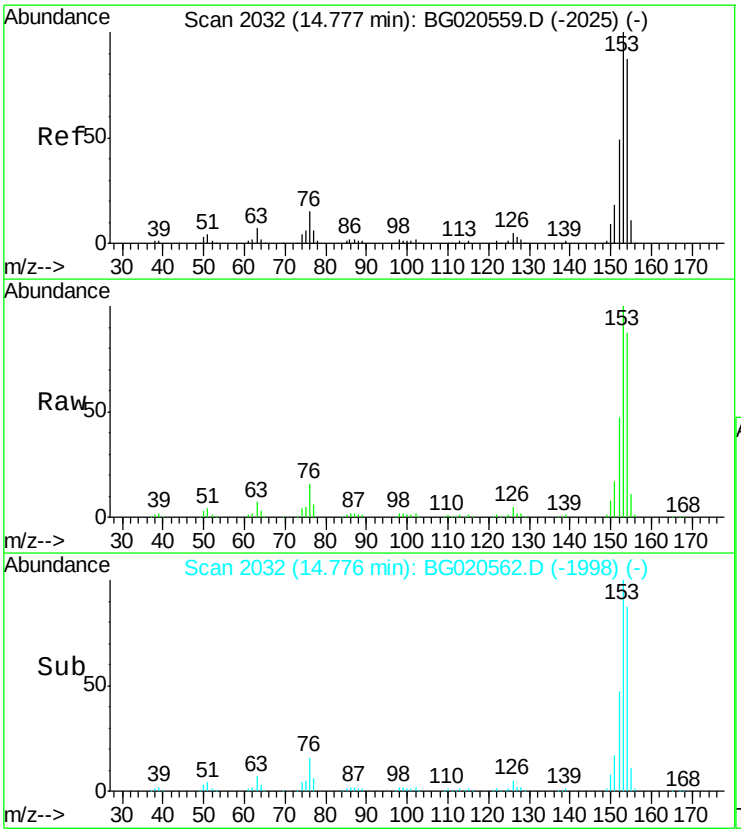
#41
1,1'-Biphenyl
Concen: 2.84 ng/ul
RT: 13.54 min Scan# 1822
Delta R.T. -0.00 min
Lab File: BG020562.D
Acq: 27 Dec 2015 19:54

Instrument :
BNA_G
ClientSampleId :
D9N55

Tgt Ion:154 Resp: 39935

Ion	Ratio	Lower	Upper
154	100		
153	42.5	35.5	53.3
76	10.3	10.4	15.6#

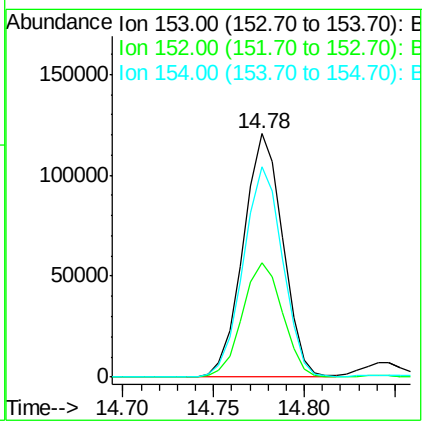


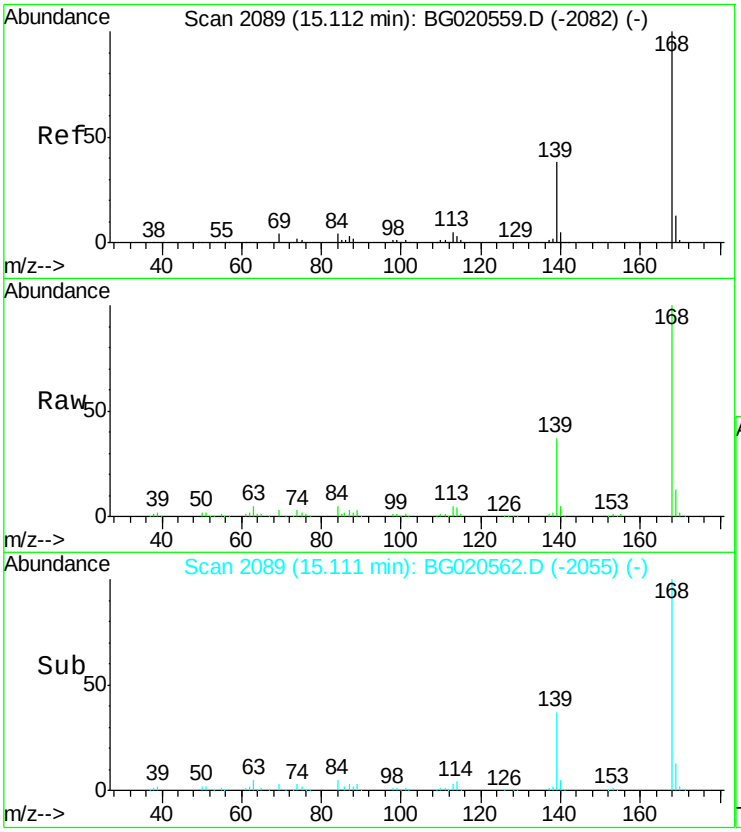


#50
Acenaphthene
Concen: 14.78 ng/ul
RT: 14.78 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BG020562.D
Acq: 27 Dec 2015 19:54

Tgt Ion:153 Resp: 183013

Ion	Ratio	Lower	Upper
153	100		
152	46.7	37.6	56.4
154	86.5	67.9	101.9



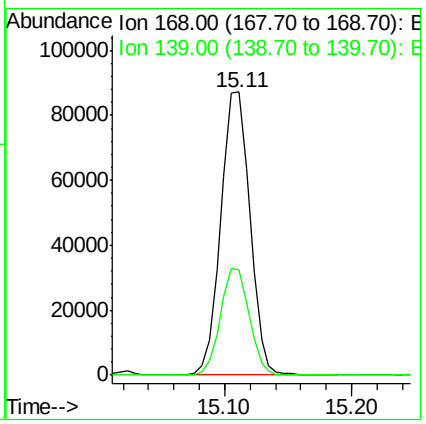


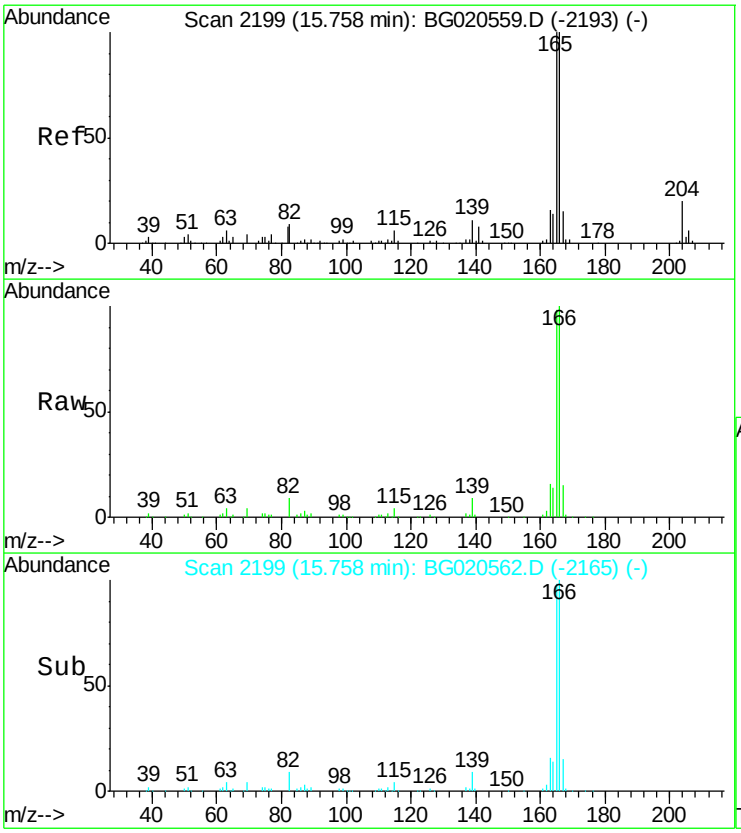
#54
Dibenzofuran
Concen: 7.55 ng/ul
RT: 15.11 min Scan# 2089
Delta R.T. -0.00 min
Lab File: BG020562.D
Acq: 27 Dec 2015 19:54

Instrument :
BNA_G
ClientSampleId :
D9N55

Tgt Ion:168 Resp: 139034

Ion	Ratio	Lower	Upper
168	100		
139	37.4	30.5	45.7

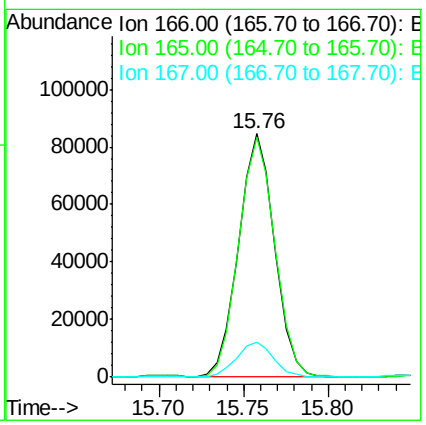


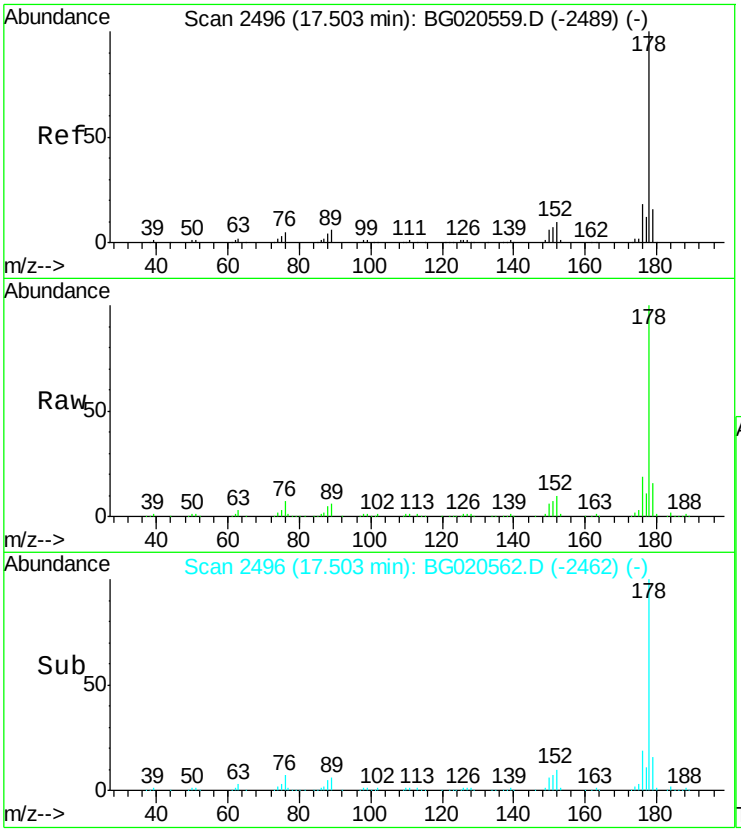


#59
Fluorene
Concen: 8.32 ng/ul
RT: 15.76 min Scan# 2199
Delta R.T. -0.00 min
Lab File: BG020562.D
Acq: 27 Dec 2015 19:54

Tgt Ion:166 Resp: 124215

Ion	Ratio	Lower	Upper
166	100		
165	98.3	81.4	122.0
167	14.6	11.2	16.8



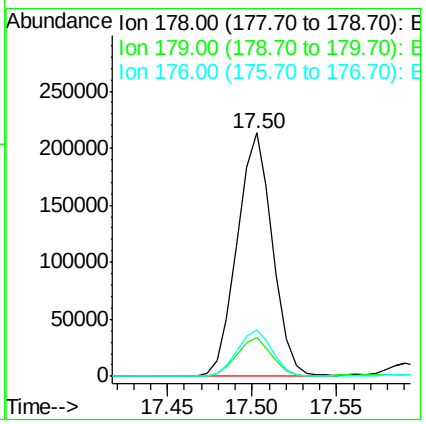


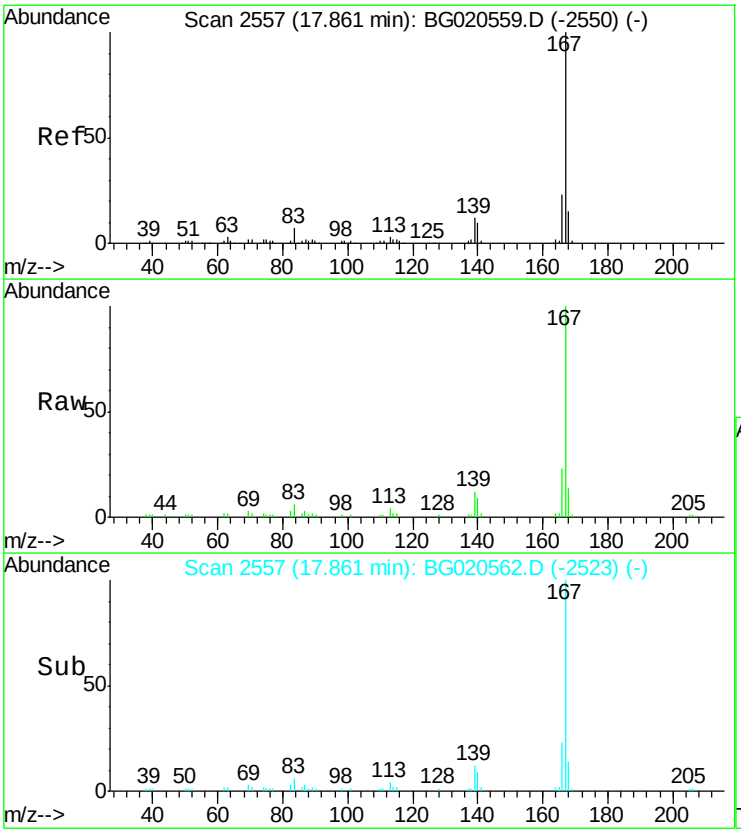
#70
Phenanthrene
Concen: 12.19 ng/ul
RT: 17.50 min Scan# 2496
Delta R.T. -0.00 min
Lab File: BG020562.D
Acq: 27 Dec 2015 19:54

Instrument :
BNA_G
ClientSampleId :
D9N55

Tgt Ion:178 Resp: 310120

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.9	19.3
176	19.0	15.3	22.9

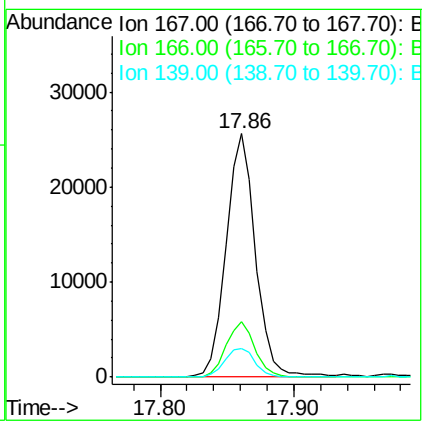


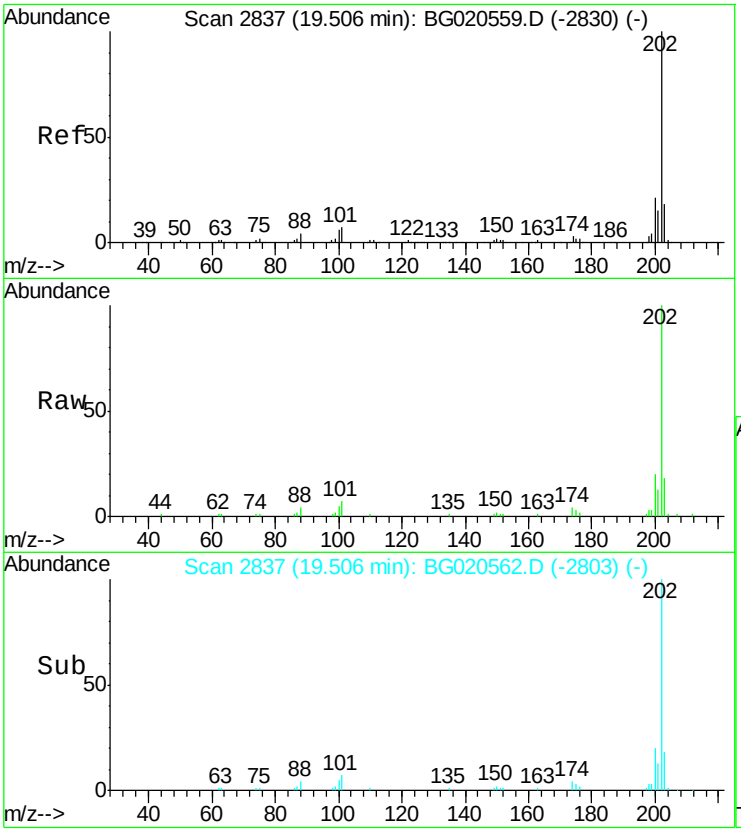


#75
Carbazole
Concen: 1.80 ng/ul
RT: 17.86 min Scan# 2557
Delta R.T. -0.00 min
Lab File: BG020562.D
Acq: 27 Dec 2015 19:54

Tgt Ion:167 Resp: 39451

Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.0	25.6
139	11.5	10.1	15.1





#77
Fluoranthene
Concen: 1.38 ng/ul
RT: 19.51 min Scan# 2837
Delta R.T. -0.00 min
Lab File: BG020562.D
Acq: 27 Dec 2015 19:54

Instrument :
BNA_G
ClientSampleId :
D9N55

Tgt Ion:202 Resp: 44212

Ion	Ratio	Lower	Upper
202	100		
101	7.1	6.2	9.4
100	5.0	5.1	7.7#