Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110915\
Data File : BG019537.D
Acq On : 9 Nov 2015 17:47
Operator : UM/NP
Sample : G4245-18DL 50X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY53DL

Quant Time: Nov 10 00:17:51 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 10 00:14:14 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	29023	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	122131	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.80	164	100363	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	305696	20.00	ng/ul	0.00
78) Chrysene-d12	21.82	240	420155	20.00	ng/ul	0.00
86) Perylene-d12	25.17	264	389898	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.32	99	626	0.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	1464	0.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	741	0.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	783	0.37	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	688	0.77	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	293	0.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	1227	0.53	ng/ul	0.00
29) 4-Chloroaniline-d4	11.14	131	1028	0.44	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	7804	0.94	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	7424	0.81	ng/ul	0.00
52) 4-Nitrophenol-d4	14.98	143	168	0.13	ng/ul	0.00
58) Fluorene-d10	15.79	176	7017	0.92	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.91	200	527	0.27	ng/ul	0.00
71) Anthracene-d10	17.65	188	12554	0.90	ng/ul	0.00
79) Pyrene-d10	19.92	212	13629	0.74	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.93	264	12590	0.64	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	832	1.21	ng/uL#	26
28) Naphthalene	11.05	128	721647	118.09	ng/ul	96
30) 4-Chloroaniline	11.05	127	97793	39.89	ng/ul#	2
34) 2-Methylnaphthalene	12.65	142	15588	3.17	ng/ul	88
35) 1-Methylnaphthalene	12.86	142	43618	9.39	ng/ul#	87
41) 1,1'-Biphenyl	13.64	154	17428	2.46	ng/ul#	85
50) Acenaphthene	14.87	153	48340	7.62	ng/ul	98
54) Dibenzofuran	15.20	168	51752	5.54	ng/ul	96
59) Fluorene	15.85	166	31380	3.85	ng/ul	95
70) Phenanthrene	17.59	178	53829	3.49	ng/ul#	95
75) Carbazole	17.95	167	75311	6.00	ng/ul	96

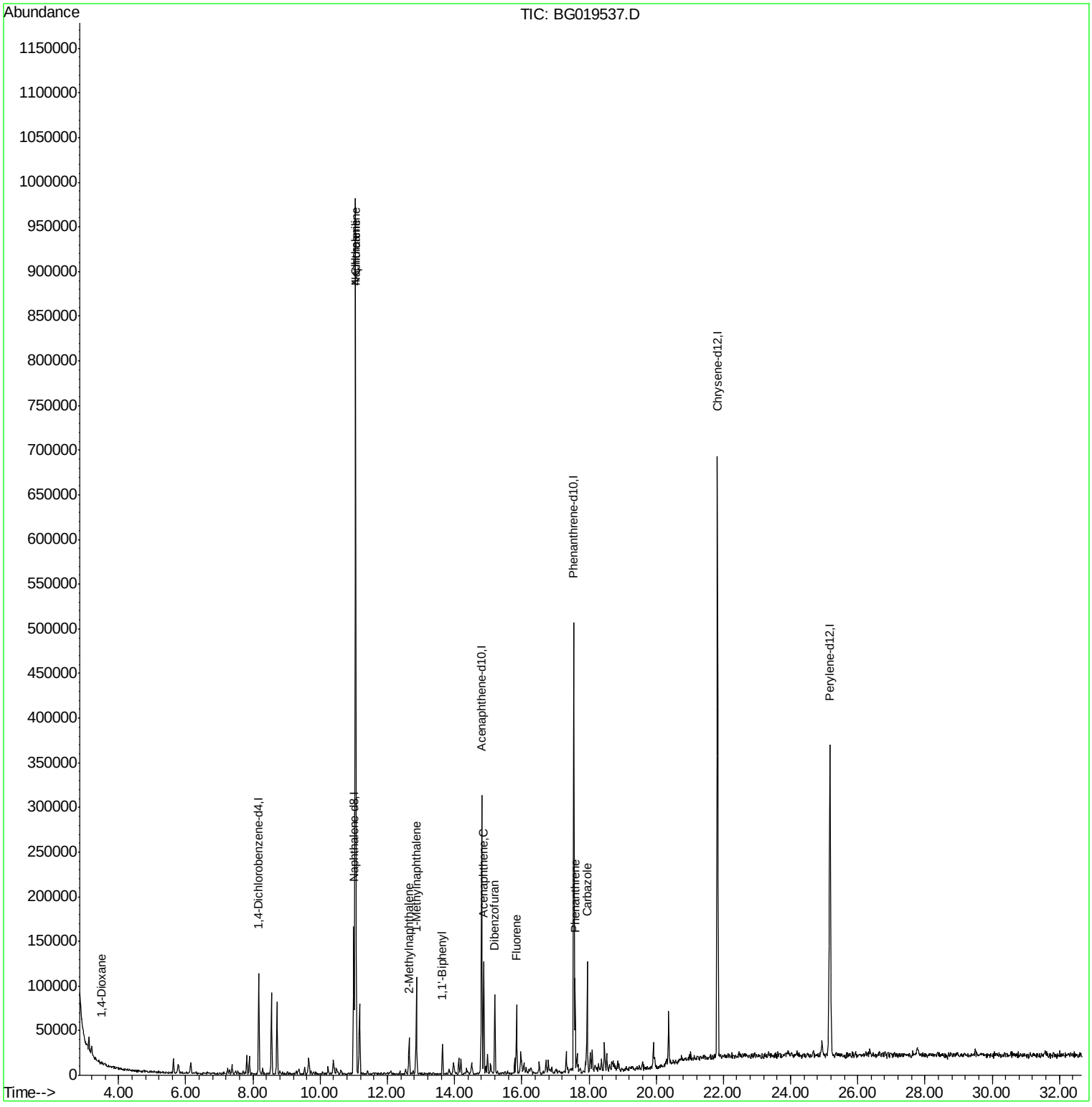
(#) = qualifier out of range (m) = manual integration (+) = signals summed

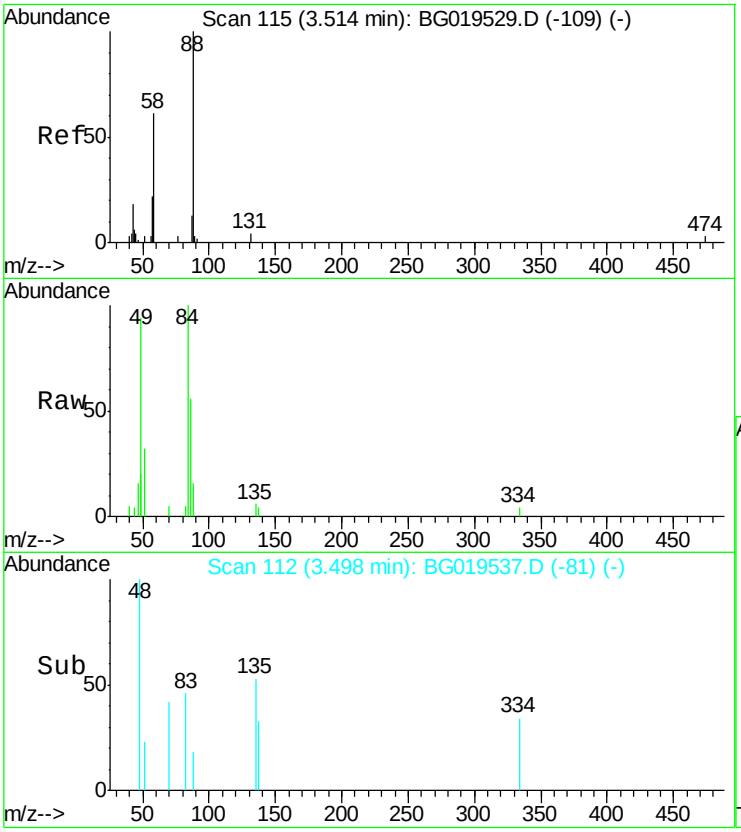
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110915\
Data File : BG019537.D
Acq On : 9 Nov 2015 17:47
Operator : UM/NP
Sample : G4245-18DL 50X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BCY53DL

Quant Time: Nov 10 00:17:51 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 10 00:14:14 2015
Response via : Initial Calibration



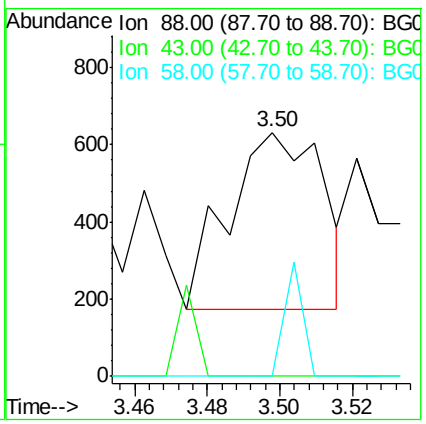


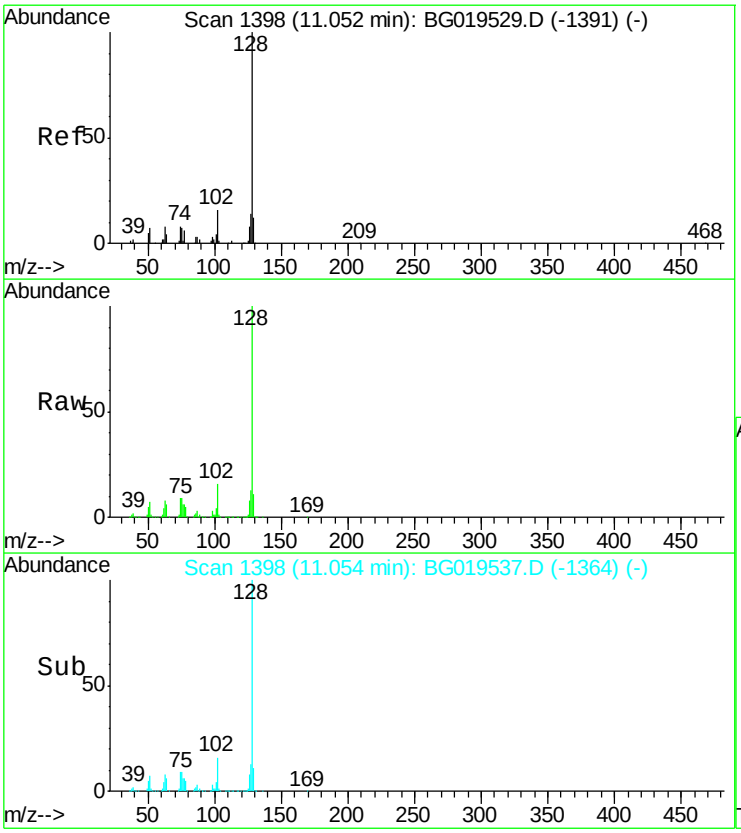
#2
1,4-Dioxane
Concen: 1.21 ng/uL
RT: 3.50 min Scan# 112
Delta R.T. -0.02 min
Lab File: BG019537.D
Acq: 9 Nov 2015 17:47

Instrument :
BNA_G
ClientSampleId :
BCY53DL

Tgt Ion: 88 Resp: 832

Ion	Ratio	Lower	Upper
88	100		
43	0.0	29.8	44.8#
58	0.0	50.3	75.5#

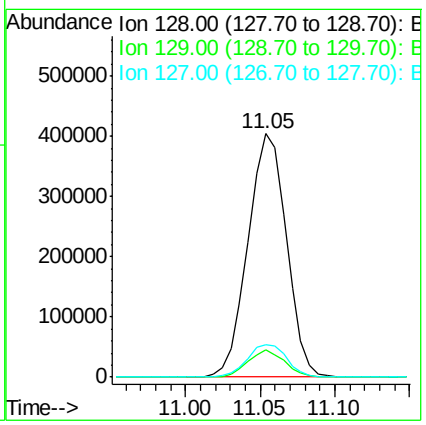


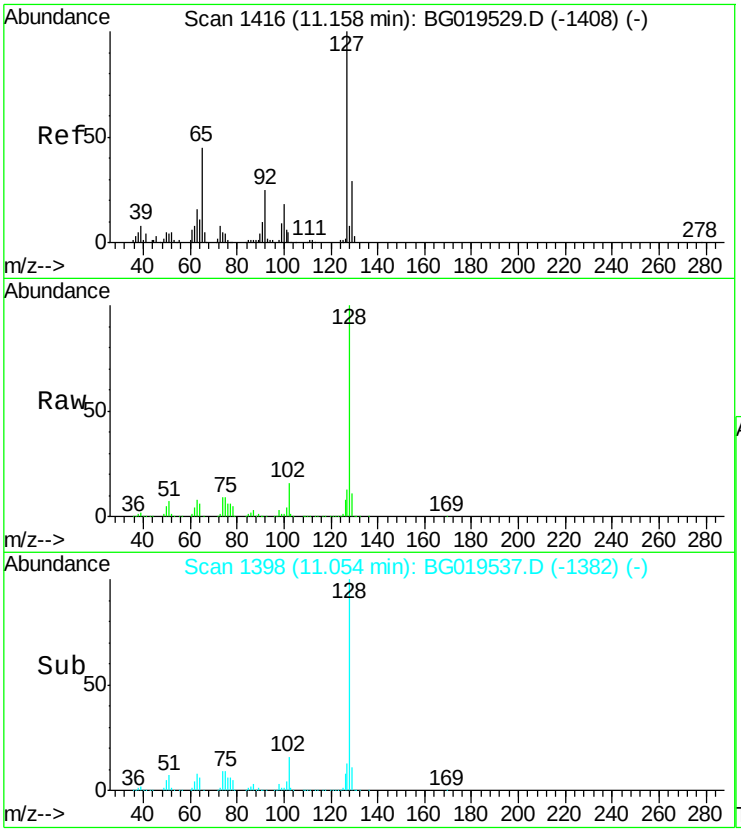


#28
Naphthalene
Concen: 118.09 ng/ul
RT: 11.05 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BG019537.D
Acq: 9 Nov 2015 17:47

Tgt Ion:128 Resp: 721647

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	13.2	13.1	19.7



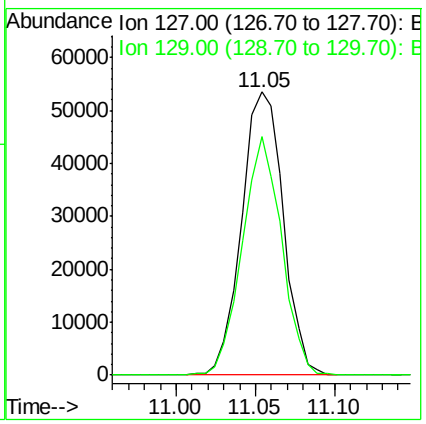


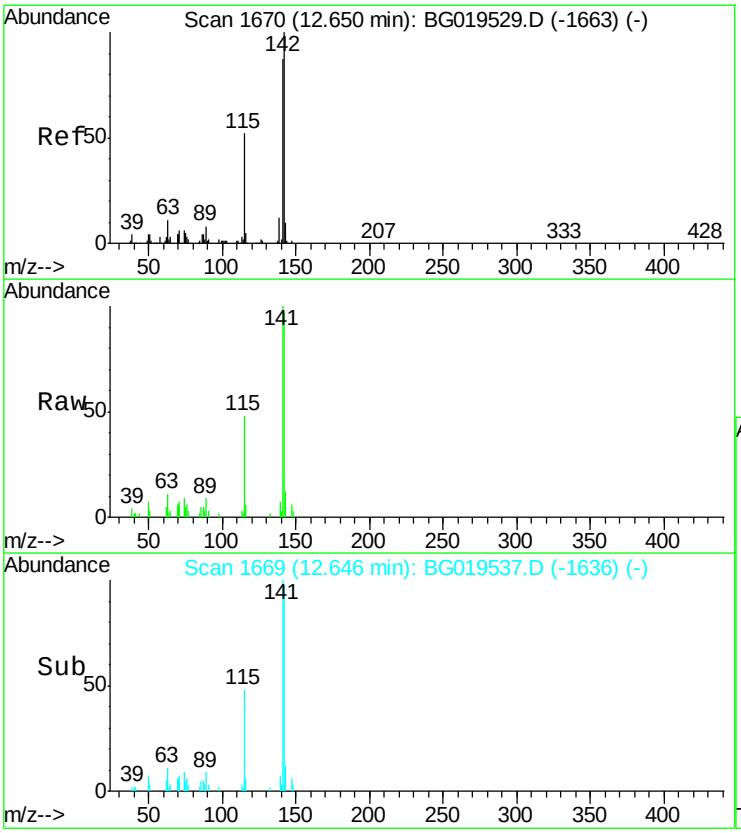
#30
4-Chloroaniline
Concen: 39.89 ng/ul
RT: 11.05 min Scan# 1398
Delta R.T. -0.10 min
Lab File: BG019537.D
Acq: 9 Nov 2015 17:47

Instrument :
BNA_G
ClientSampleId :
BCY53DL

Tgt Ion:127 Resp: 97793

Ion	Ratio	Lower	Upper
127	100		
129	84.1	24.6	36.8#

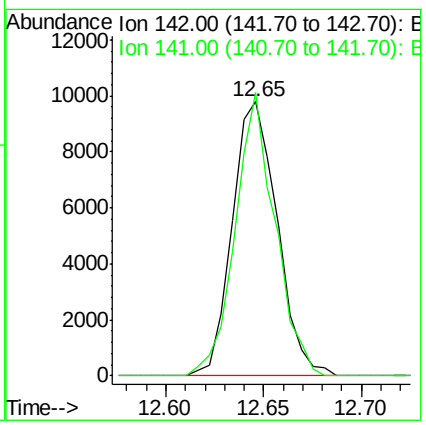


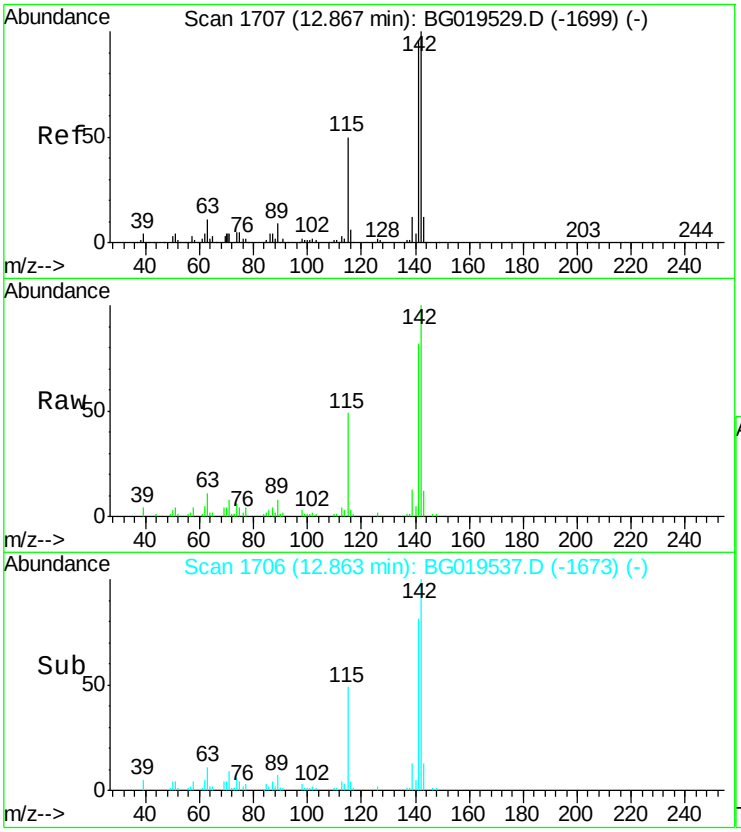


#34
2-Methylnaphthalene
Concen: 3.17 ng/ul
RT: 12.65 min Scan# 1669
Delta R.T. -0.00 min
Lab File: BG019537.D
Acq: 9 Nov 2015 17:47

Tgt Ion:142 Resp: 15588

Ion	Ratio	Lower	Upper
142	100		
141	103.2	73.4	110.2



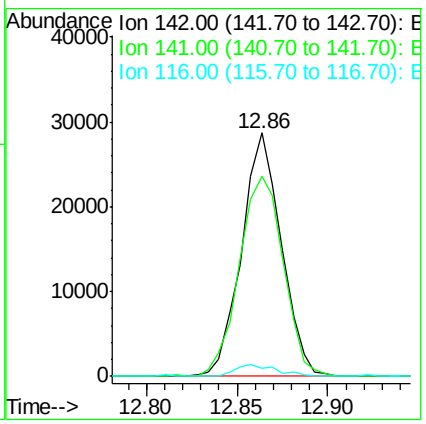


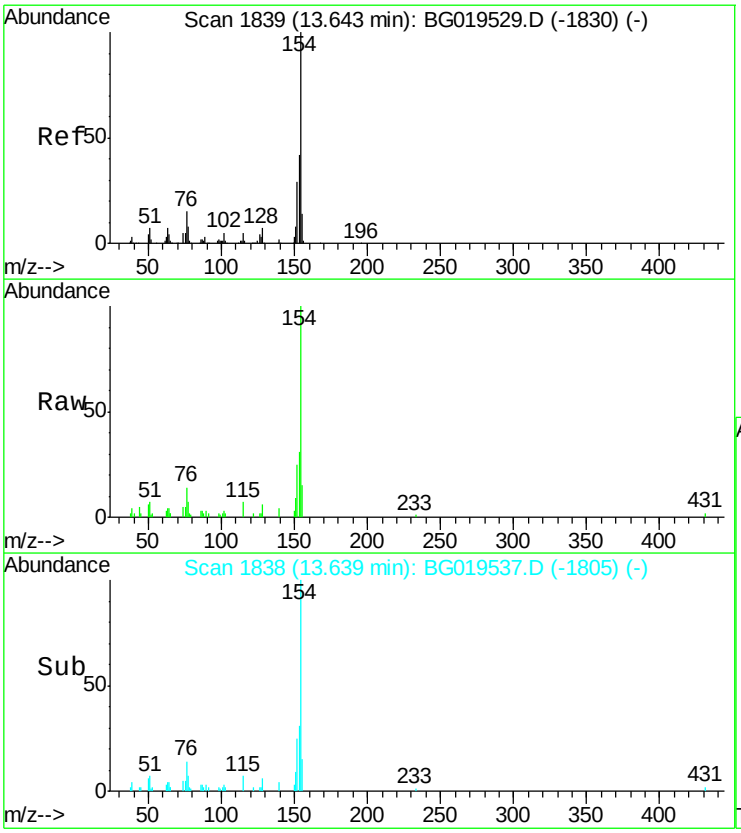
#35
1-Methylnaphthalene
Concen: 9.39 ng/ul
RT: 12.86 min Scan# 1706
Delta R.T. -0.00 min
Lab File: BG019537.D
Acq: 9 Nov 2015 17:47

Instrument :
BNA_G
ClientSampleId :
BCY53DL

Tgt Ion:142 Resp: 43618

Ion	Ratio	Lower	Upper
142	100		
141	82.4	76.5	114.7
116	3.4	5.4	8.0#

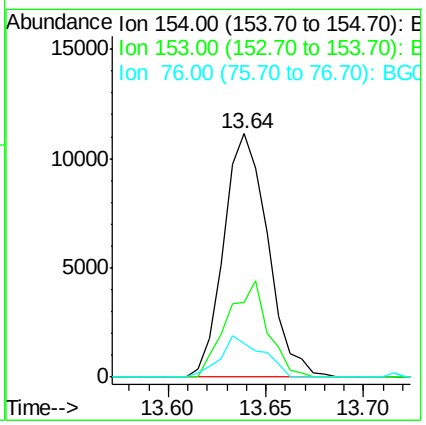


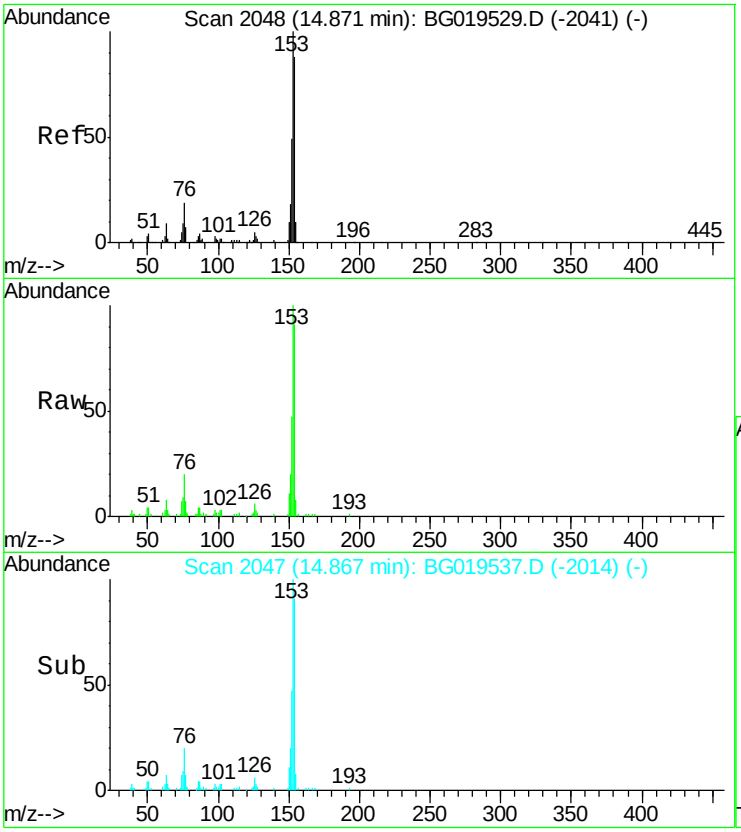


#41
1,1'-Biphenyl
Concen: 2.46 ng/ul
RT: 13.64 min Scan# 1838
Delta R.T. -0.00 min
Lab File: BG019537.D
Acq: 9 Nov 2015 17:47

Tgt Ion:154 Resp: 17428

Ion	Ratio	Lower	Upper
154	100		
153	30.8	32.8	49.2#
76	13.7	7.7	11.5#



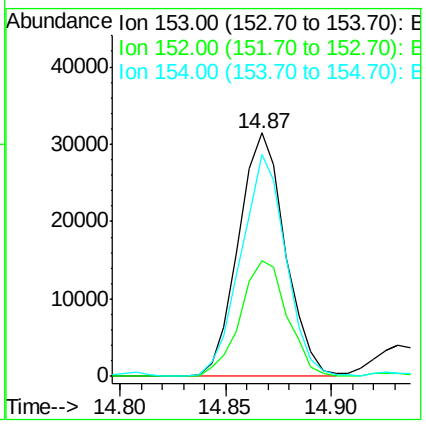


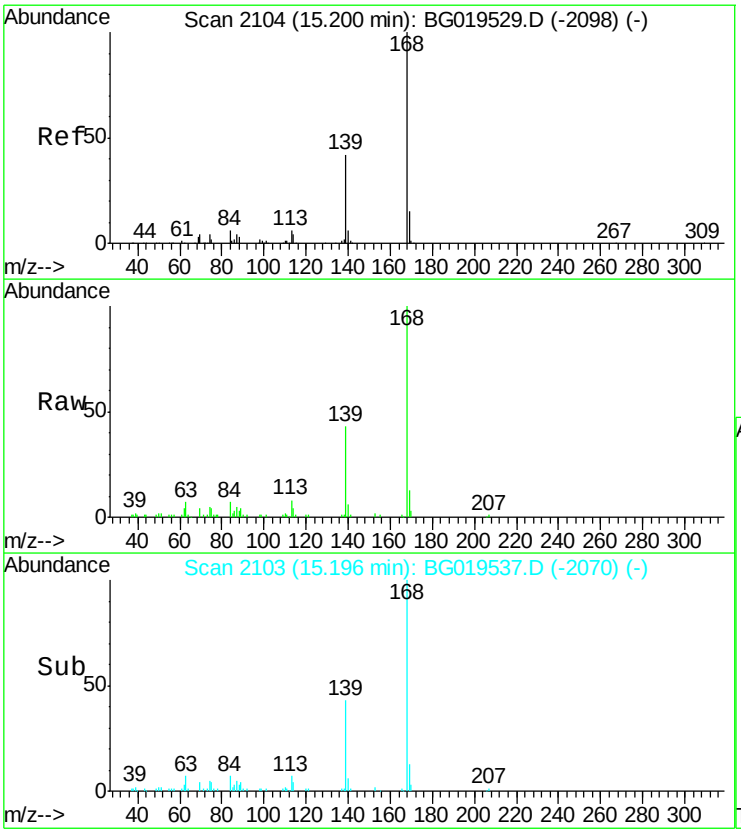
#50
Acenaphthene
Concen: 7.62 ng/ul
RT: 14.87 min Scan# 2047
Delta R.T. -0.00 min
Lab File: BG019537.D
Acq: 9 Nov 2015 17:47

Instrument :
BNA_G
ClientSampleId :
BCY53DL

Tgt Ion:153 Resp: 48340

Ion	Ratio	Lower	Upper
153	100		
152	47.2	38.8	58.2
154	90.9	71.5	107.3

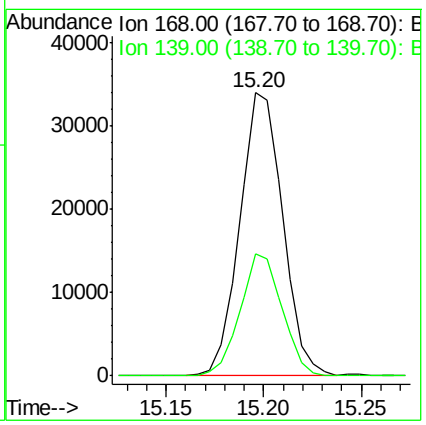


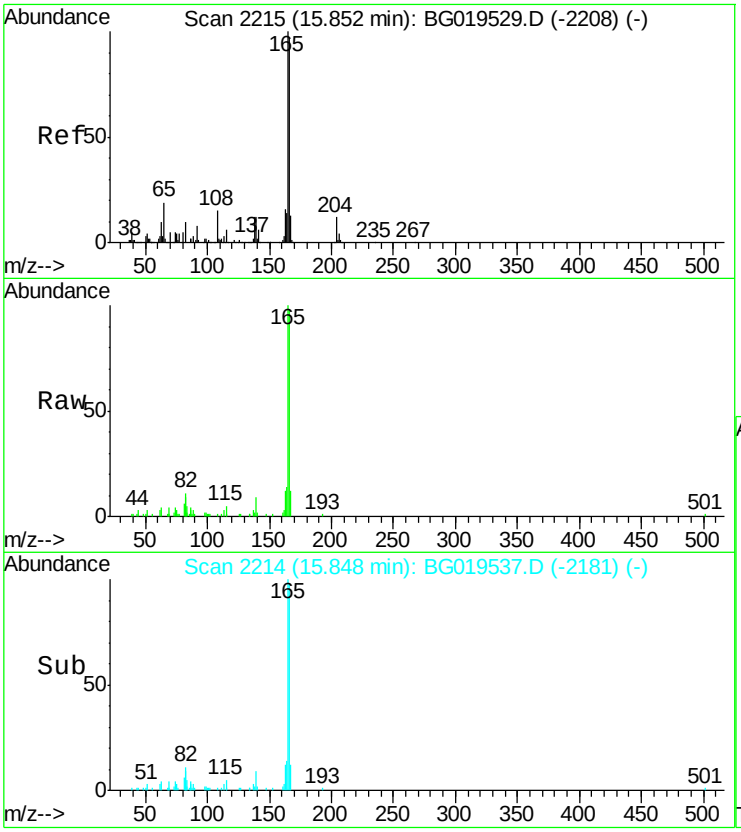


#54
Dibenzofuran
Concen: 5.54 ng/ul
RT: 15.20 min Scan# 2103
Delta R.T. -0.00 min
Lab File: BG019537.D
Acq: 9 Nov 2015 17:47

Tgt Ion:168 Resp: 51752

Ion	Ratio	Lower	Upper
168	100		
139	43.3	32.4	48.6



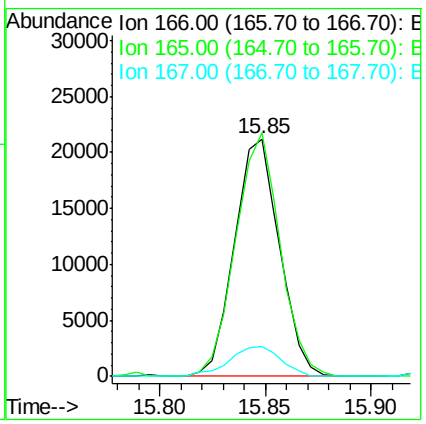


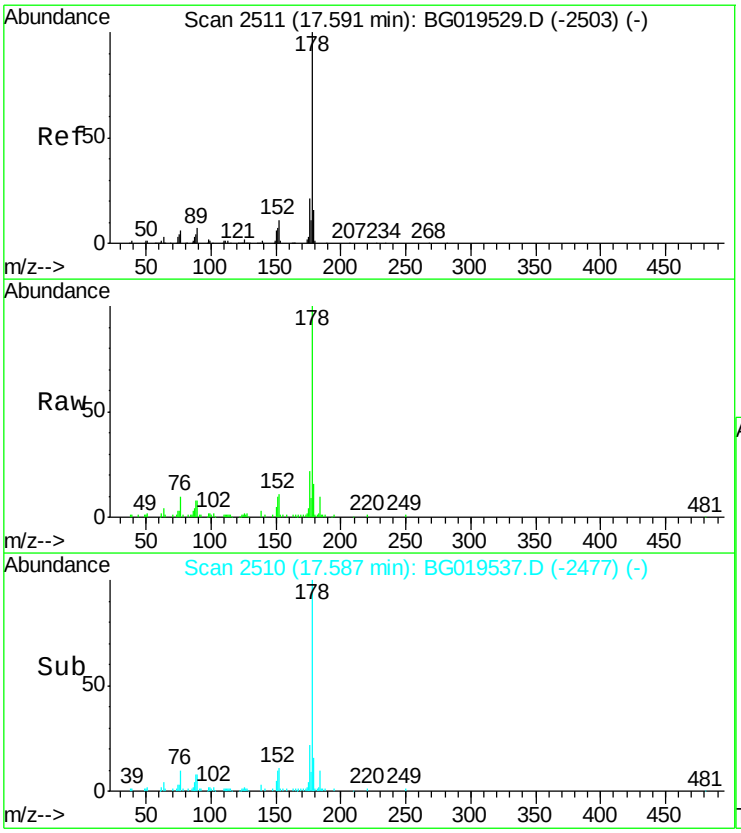
#59
Fluorene
Concen: 3.85 ng/ul
RT: 15.85 min Scan# 2214
Delta R.T. -0.00 min
Lab File: BG019537.D
Acq: 9 Nov 2015 17:47

Instrument :
BNA_G
ClientSampleId :
BCY53DL

Tgt Ion:166 Resp: 31380

Ion	Ratio	Lower	Upper
166	100		
165	102.5	77.6	116.4
167	12.6	9.6	14.4

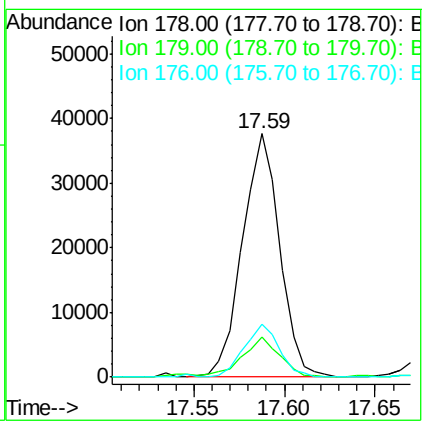


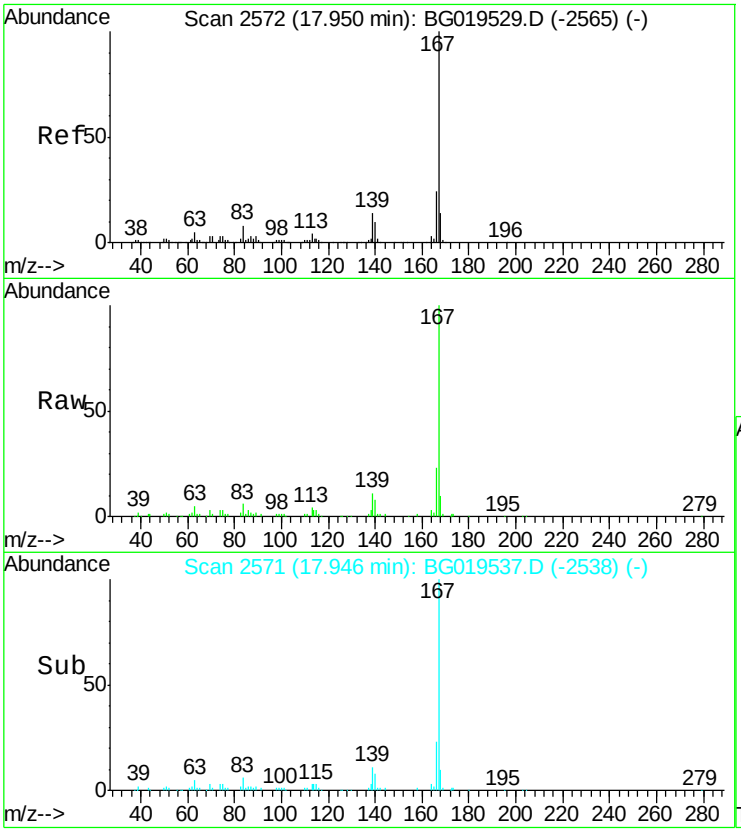


#70
Phenanthrene
Concen: 3.49 ng/ul
RT: 17.59 min Scan# 2510
Delta R.T. -0.00 min
Lab File: BG019537.D
Acq: 9 Nov 2015 17:47

Tgt Ion:178 Resp: 53829

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.6	18.8
176	21.6	14.3	21.5#





#75
Carbazole
Concen: 6.00 ng/ul
RT: 17.95 min Scan# 2571
Delta R.T. -0.00 min
Lab File: BG019537.D
Acq: 9 Nov 2015 17:47

Instrument :
BNA_G
ClientSampleId :
BCY53DL

Tgt Ion:167 Resp: 75311

Ion	Ratio	Lower	Upper
167	100		
166	23.5	16.8	25.2
139	11.3	9.8	14.6