Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110915\
Data File : BG019531.D
Acq On : 9 Nov 2015 13:58
Operator : UM/NP
Sample : G4245-16DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY51DL

Quant Time: Nov 10 00:16:40 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	33246	20.00	ng/ul	0.00
18) Naphthalene-d8	11.01	136	137660	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.81	164	111060	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	297969	20.00	ng/ul	0.00
78) Chrysene-d12	21.83	240	392369	20.00	ng/ul	0.00
86) Perylene-d12	25.17	264	373715	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.48	96	201	0.29	ng/uL	0.00
5) Phenol-d5	7.32	99	4221	1.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	16444	8.50	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	9653	5.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	8208	3.38	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	9035	8.93	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	9195	7.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.62	165	17233	6.61	ng/ul	0.00
29) 4-Chloroaniline-d4	11.15	131	4700	1.78	ng/ul	0.01
44) Dimethylphthalate-d6	14.20	166	75171	8.21	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	77217	7.61	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	2228	1.53	ng/ul	0.01
58) Fluorene-d10	15.79	176	65081	7.68	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	9571	4.96	ng/ul	0.00
71) Anthracene-d10	17.64	188	109881	8.09	ng/ul	0.00
79) Pyrene-d10	19.92	212	130325	7.59	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.94	264	148024	7.89	ng/ul	-0.01
Target Compounds						Qvalue
4) Benzaldehyde	7.30	77	2501	1.26	ng/ul#	1
17) Hexachloroethane	9.29	117	3692	3.60	ng/ul#	1
28) Naphthalene	11.08	128	4435397	643.95	ng/ul#	74
30) 4-Chloroaniline	11.08	127	919547	332.79	ng/ul#	8
34) 2-Methylnaphthalene	12.65	142	227640	41.13	ng/ul	98
35) 1-Methylnaphthalene	12.87	142	475473	90.79	ng/ul#	97
41) 1,1'-Biphenyl	13.64	154	180971	23.05	ng/ul#	94
50) Acenaphthene	14.87	153	461117	65.73	ng/ul	99
54) Dibenzofuran	15.20	168	583937	56.52	ng/ul	99
59) Fluorene	15.85	166	361372	40.09	ng/ul#	97
61) 4-Nitroaniline	15.85	138	5046	2.69	ng/ul#	1
70) Phenanthrene	17.59	178	695712	46.26	ng/ul	97
72) Anthracene	17.68	178	55379	3.61	ng/ul	99
75) Carbazole	17.95	167	605025	49.46	ng/ul	96
77) Fluoranthene	19.59	202	88365	4.54	ng/ul#	94
80) Pyrene	19.95	202	54683	2.48	ng/ul#	92

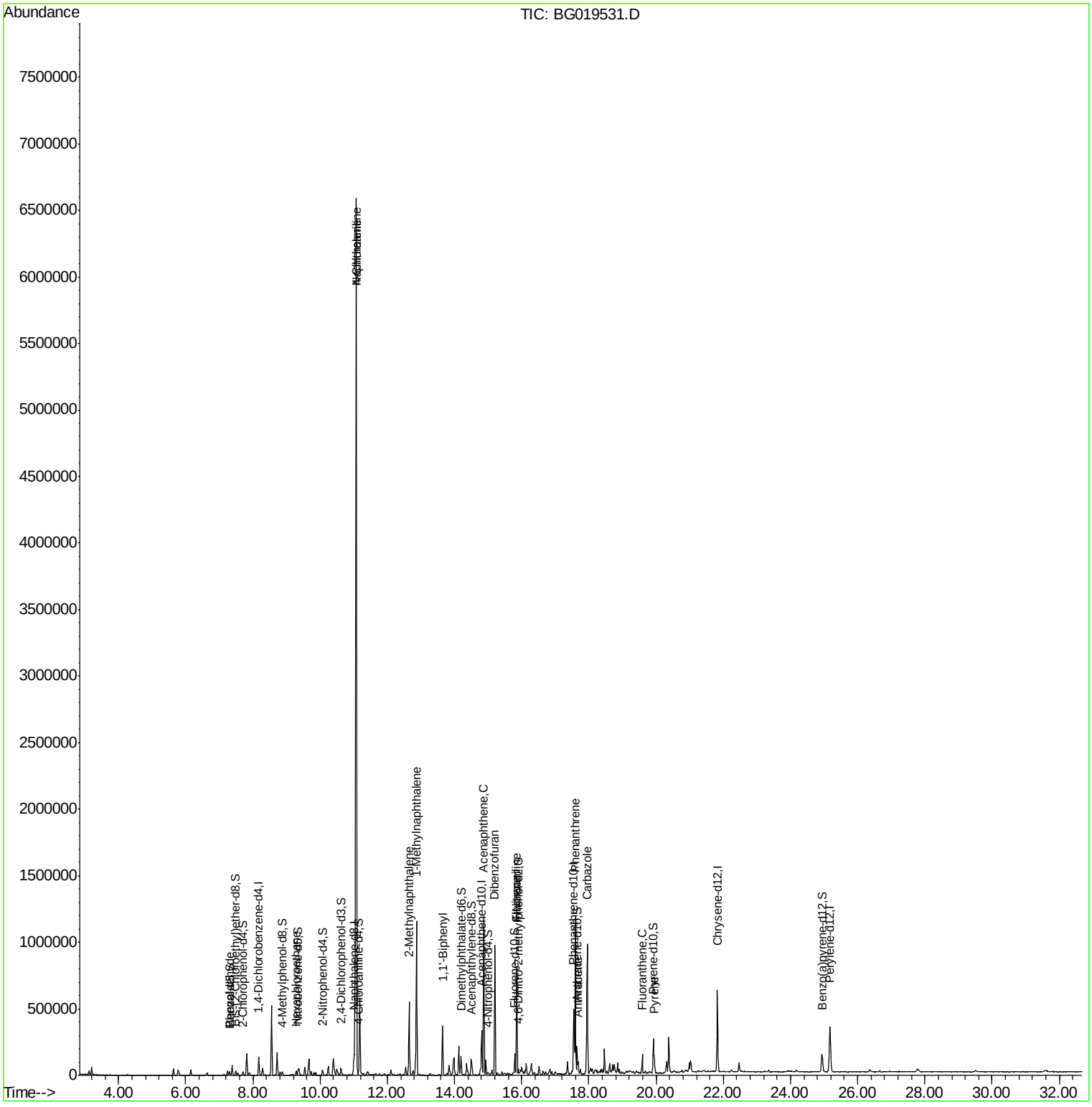
(#) = qualifier out of range (m) = manual integration (+) = signals summed

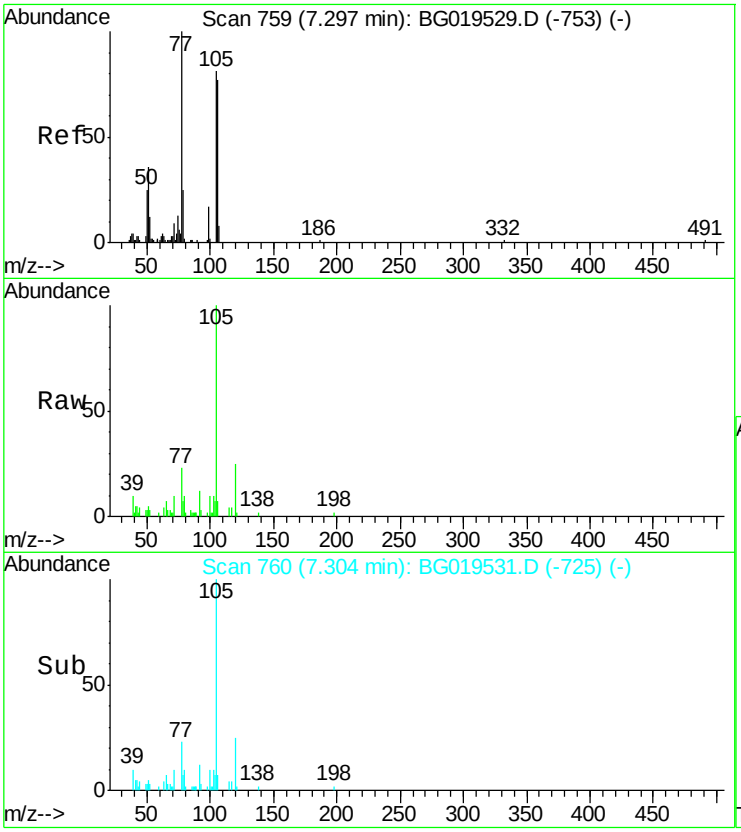
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110915\
Data File : BG019531.D
Acq On : 9 Nov 2015 13:58
Operator : UM/NP
Sample : G4245-16DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BCY51DL

Quant Time: Nov 10 00:16:40 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



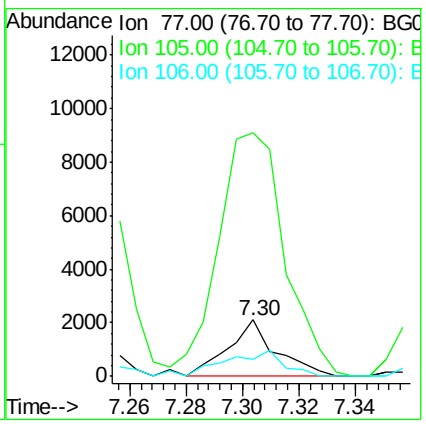


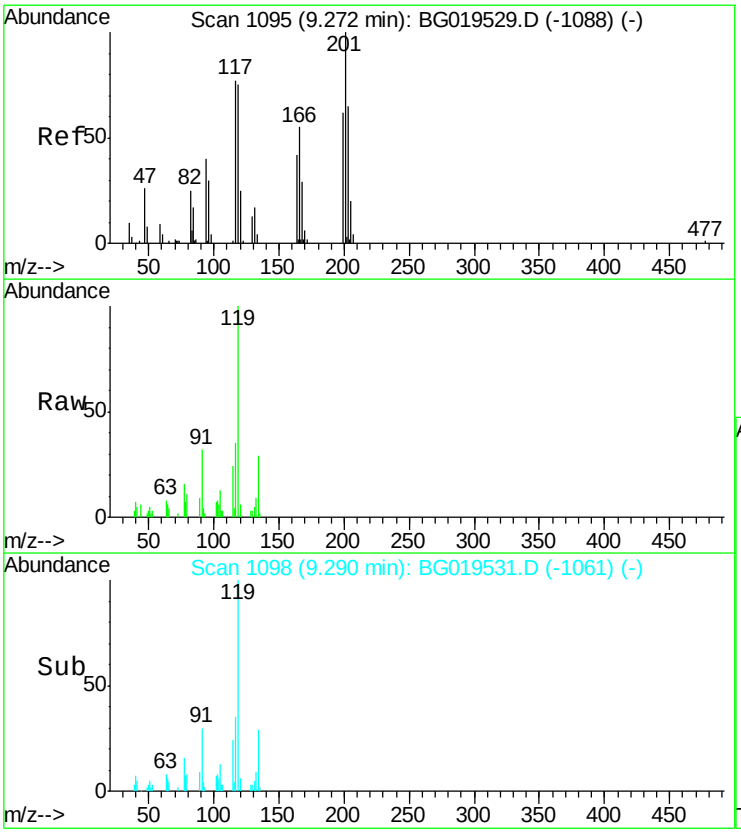
#4
Benzaldehyde
Concen: 1.26 ng/ul
RT: 7.30 min Scan# 760
Delta R.T. 0.01 min
Lab File: BG019531.D
Acq: 9 Nov 2015 13:58

Instrument :
BNA_G
ClientSampleId :
BCY51DL

Tgt Ion: 77 Resp: 2501

Ion	Ratio	Lower	Upper
77	100		
105	430.4	61.6	92.4#
106	31.2	56.4	84.6#

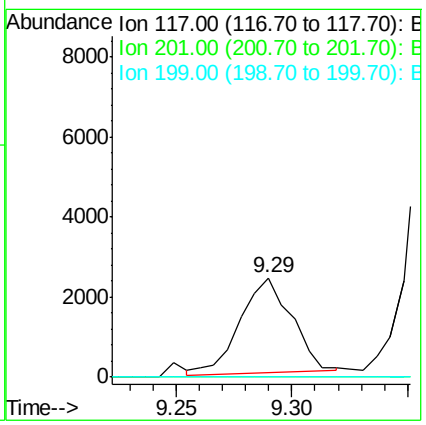


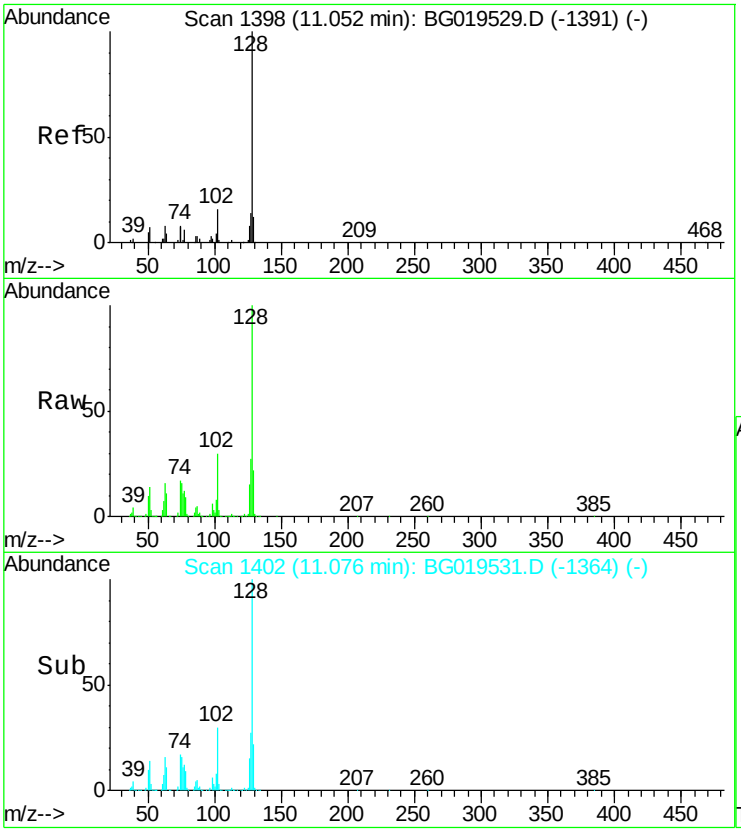


#17
Hexachloroethane
Concen: 3.60 ng/ul
RT: 9.29 min Scan# 1098
Delta R.T. 0.02 min
Lab File: BG019531.D
Acq: 9 Nov 2015 13:58

Tgt Ion:117 Resp: 3692

Ion	Ratio	Lower	Upper
117	100		
201	0.0	101.4	152.0#
199	0.0	71.7	107.5#



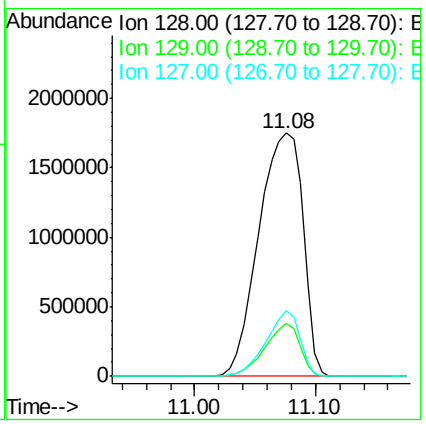


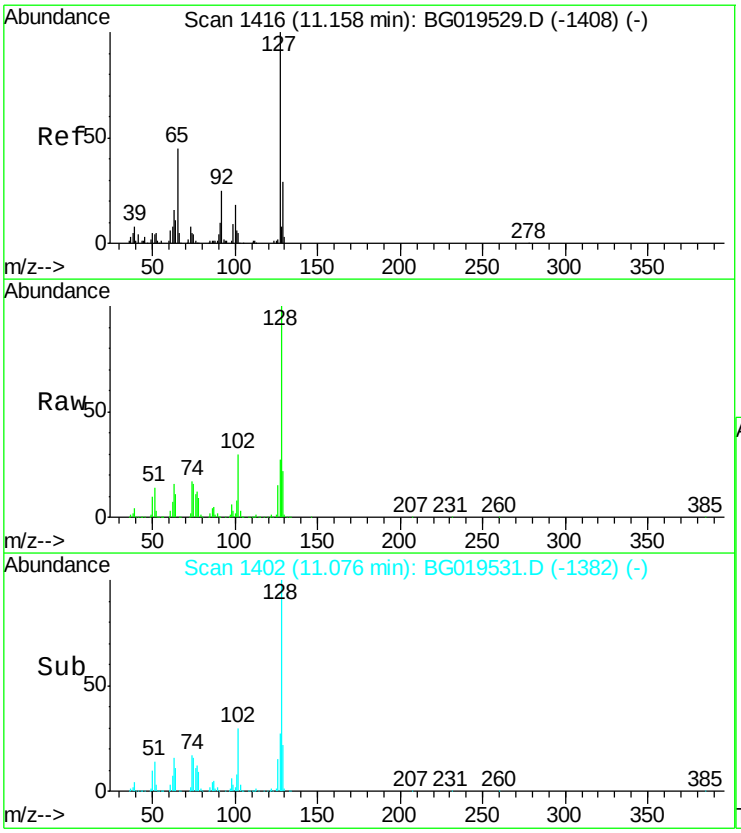
#28
Naphthalene
Concen: 643.95 ng/ul
RT: 11.08 min Scan# 1402
Delta R.T. 0.02 min
Lab File: BG019531.D
Acq: 9 Nov 2015 13:58

Instrument :
BNA_G
ClientSampleId :
BCY51DL

Tgt Ion:128 Resp: 4435397

Ion	Ratio	Lower	Upper
128	100		
129	21.8	8.9	13.3#
127	26.8	13.1	19.7#

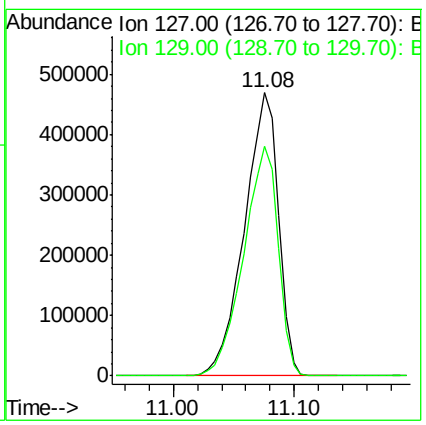


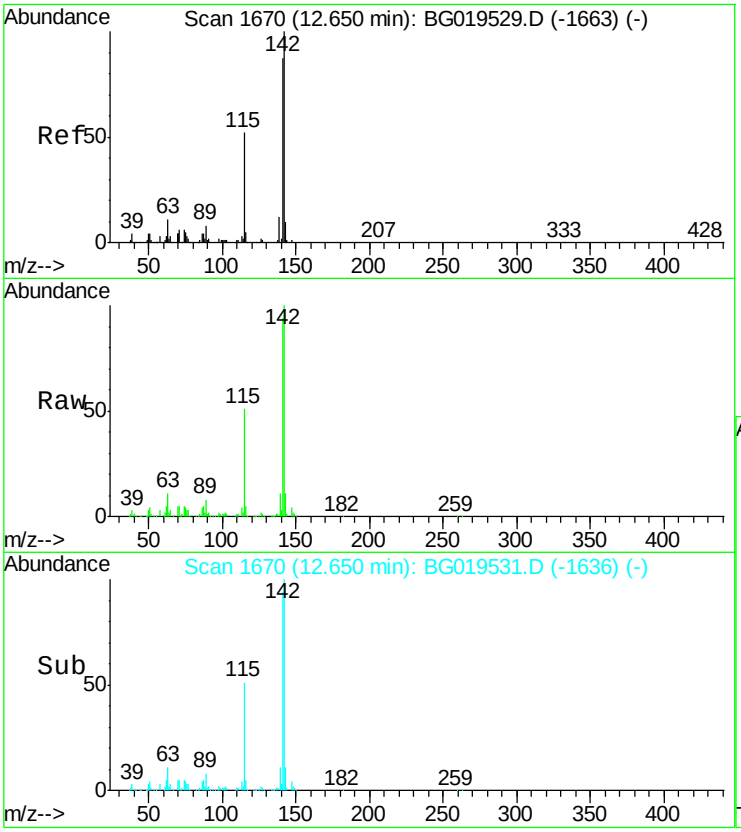


#30
4-Chloroaniline
Concen: 332.79 ng/ul
RT: 11.08 min Scan# 1402
Delta R.T. -0.08 min
Lab File: BG019531.D
Acq: 9 Nov 2015 13:58

Tgt Ion:127 Resp: 919547

Ion	Ratio	Lower	Upper
127	100		
129	81.3	24.6	36.8#



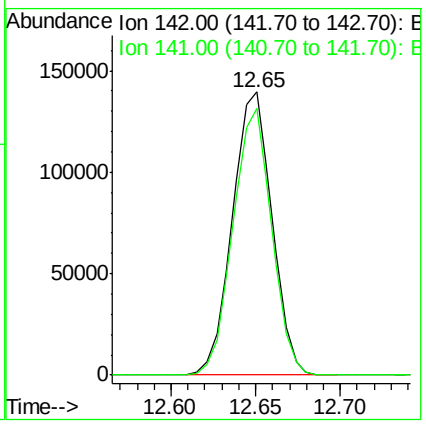


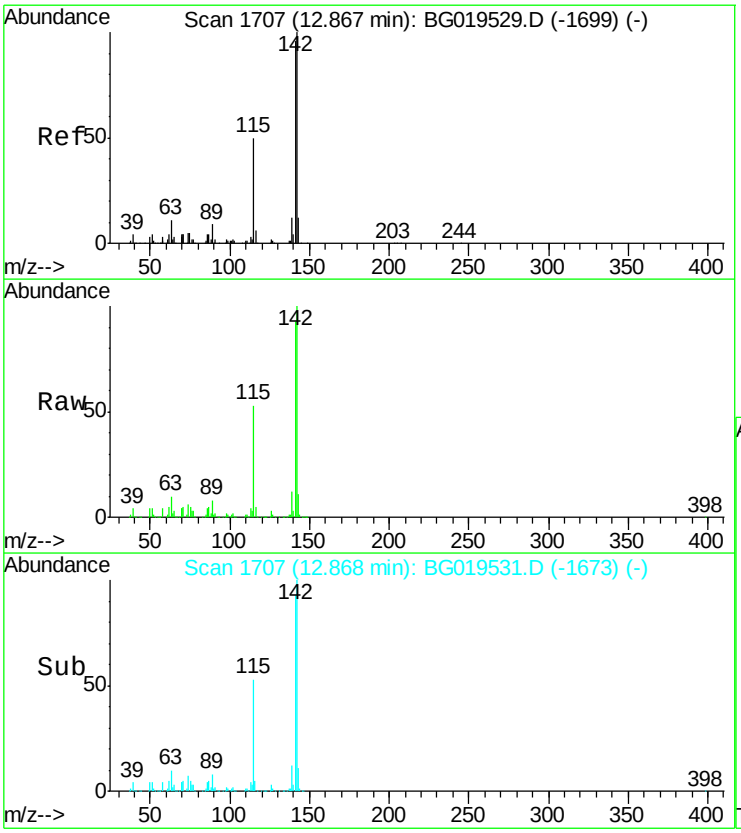
#34
2-Methylnaphthalene
Concen: 41.13 ng/ul
RT: 12.65 min Scan# 1670
Delta R.T. 0.00 min
Lab File: BG019531.D
Acq: 9 Nov 2015 13:58

Instrument :
BNA_G
ClientSampleId :
BCY51DL

Tgt Ion:142 Resp: 227640

Ion	Ratio	Lower	Upper
142	100		
141	94.0	73.4	110.2

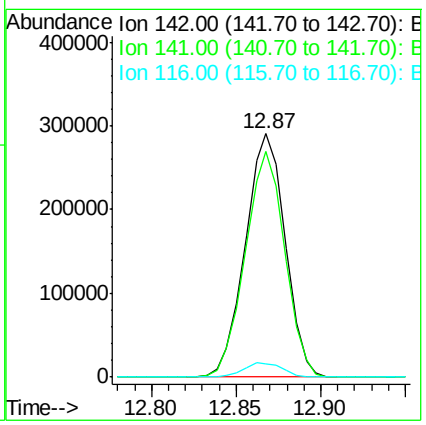


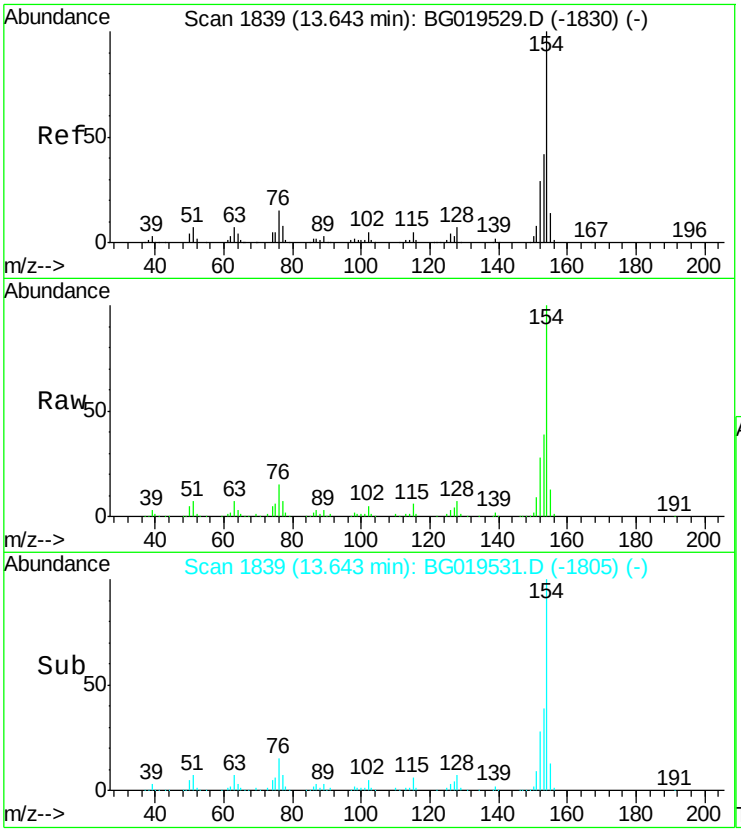


#35
1-Methylnaphthalene
Concen: 90.79 ng/ul
RT: 12.87 min Scan# 1707
Delta R.T. 0.00 min
Lab File: BG019531.D
Acq: 9 Nov 2015 13:58

Tgt Ion:142 Resp: 475473

Ion	Ratio	Lower	Upper
142	100		
141	92.6	76.5	114.7
116	5.2	5.4	8.0#



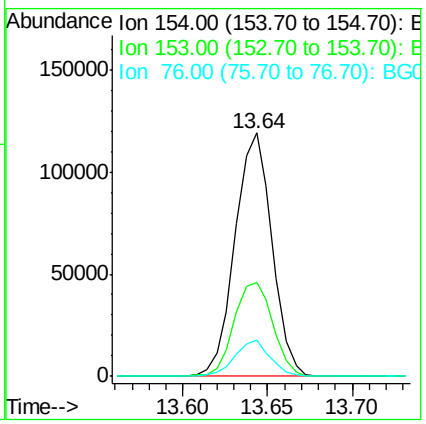


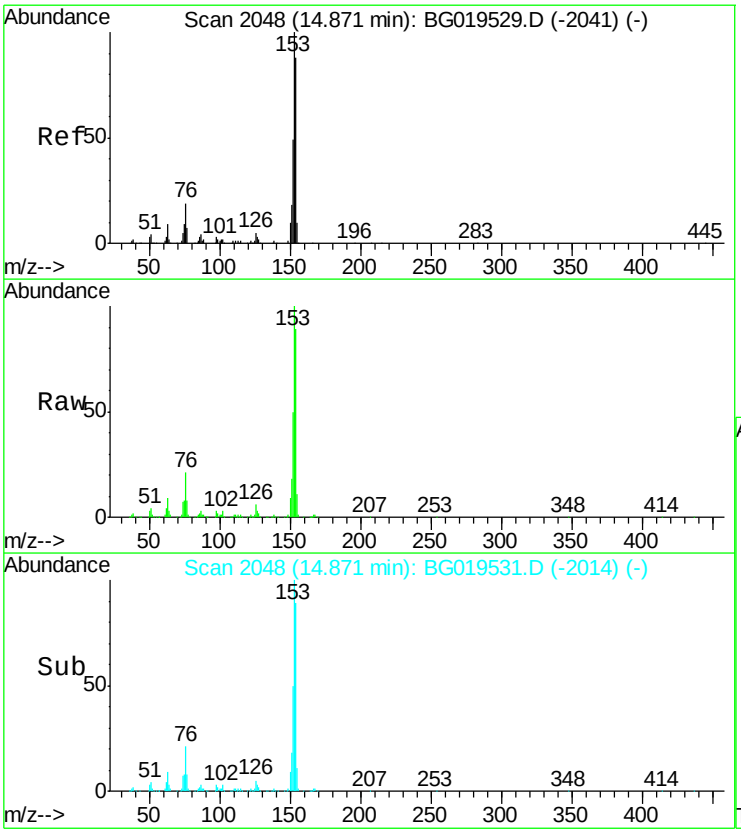
#41
1,1'-Biphenyl
Concen: 23.05 ng/ul
RT: 13.64 min Scan# 1839
Delta R.T. 0.00 min
Lab File: BG019531.D
Acq: 9 Nov 2015 13:58

Instrument :
BNA_G
ClientSampleId :
BCY51DL

Tgt Ion:154 Resp: 180971

Ion	Ratio	Lower	Upper
154	100		
153	38.5	32.8	49.2
76	15.1	7.7	11.5#

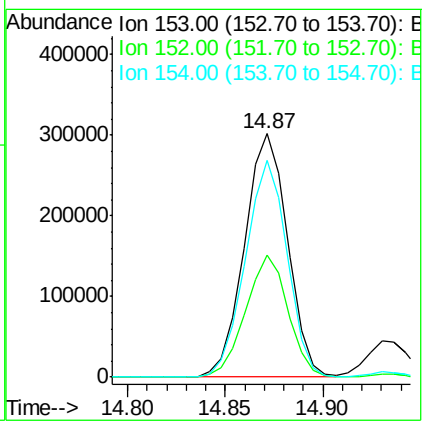


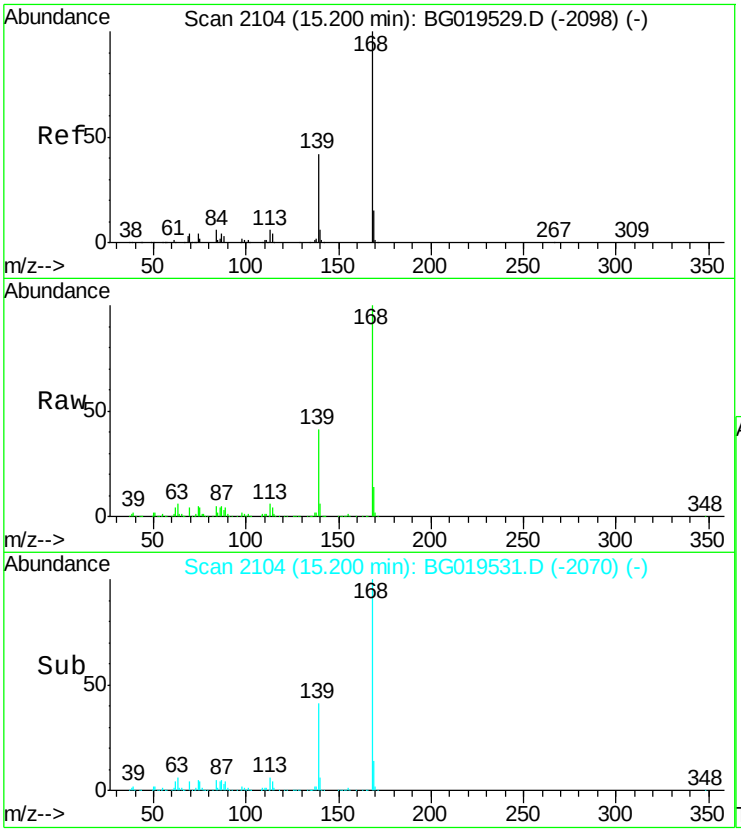


#50
Acenaphthene
Concen: 65.73 ng/ul
RT: 14.87 min Scan# 2048
Delta R.T. 0.00 min
Lab File: BG019531.D
Acq: 9 Nov 2015 13:58

Tgt Ion:153 Resp: 461117

Ion	Ratio	Lower	Upper
153	100		
152	50.3	38.8	58.2
154	89.2	71.5	107.3



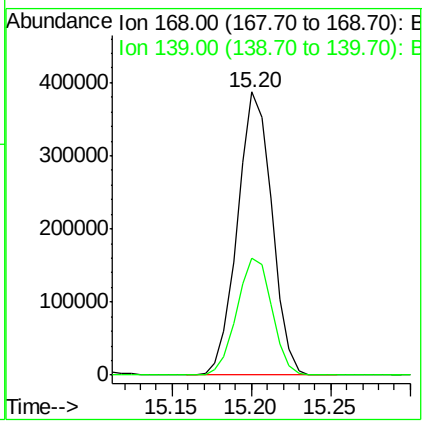


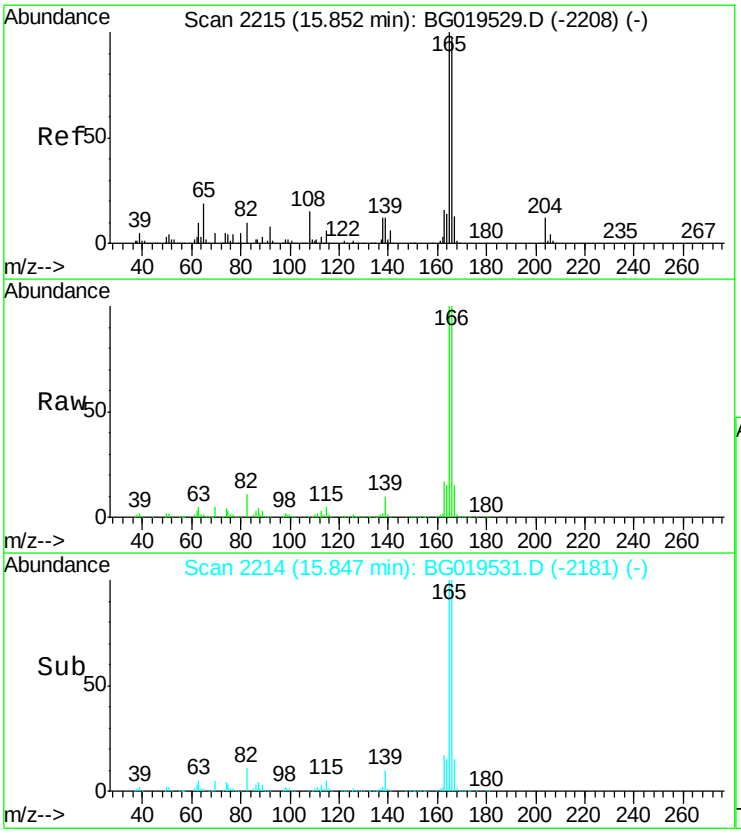
#54
Dibenzofuran
Concen: 56.52 ng/ul
RT: 15.20 min Scan# 2104
Delta R.T. 0.00 min
Lab File: BG019531.D
Acq: 9 Nov 2015 13:58

Instrument :
BNA_G
ClientSampleId :
BCY51DL

Tgt Ion:168 Resp: 583937

Ion	Ratio	Lower	Upper
168	100		
139	41.2	32.4	48.6

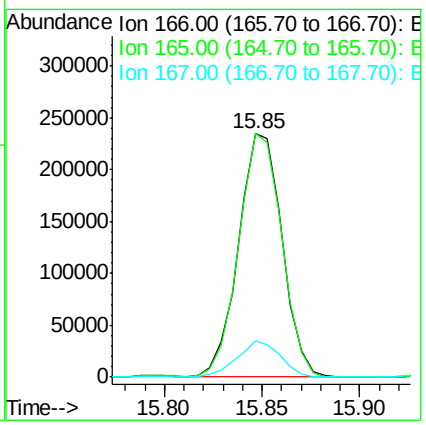


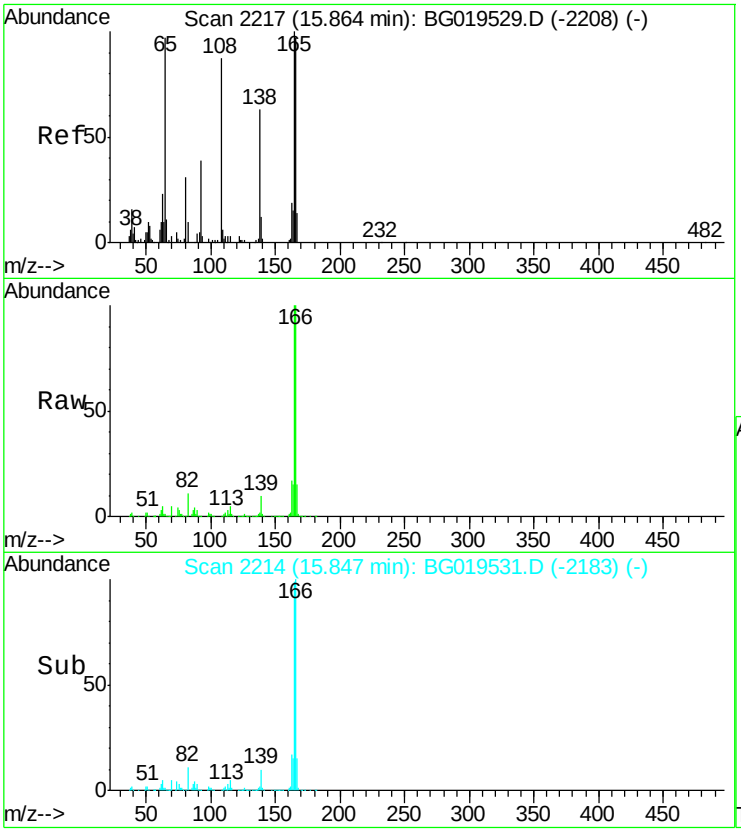


#59
Fluorene
Concen: 40.09 ng/ul
RT: 15.85 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BG019531.D
Acq: 9 Nov 2015 13:58

Tgt Ion:166 Resp: 361372

Ion	Ratio	Lower	Upper
166	100		
165	99.9	77.6	116.4
167	14.9	9.6	14.4#



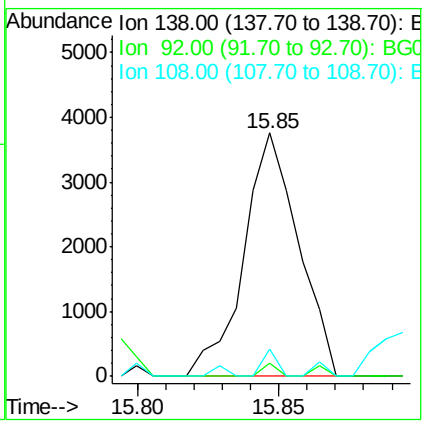


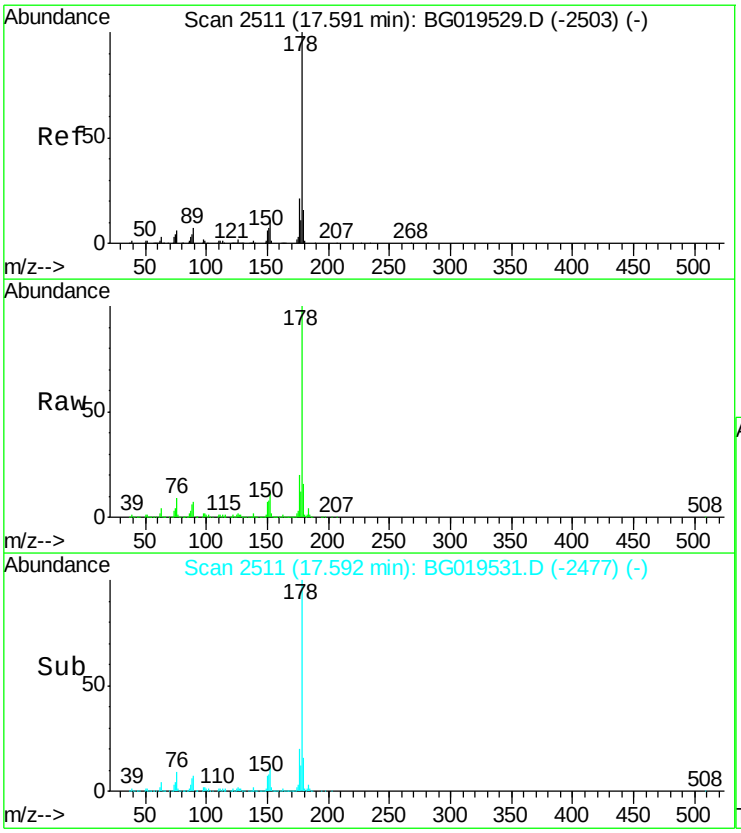
#61
4-Nitroaniline
Concen: 2.69 ng/ul
RT: 15.85 min Scan# 2214
Delta R.T. -0.02 min
Lab File: BG019531.D
Acq: 9 Nov 2015 13:58

Instrument :
BNA_G
ClientSampleId :
BCY51DL

Tgt Ion:138 Resp: 5046

Ion	Ratio	Lower	Upper
138	100		
92	5.3	53.9	80.9#
108	11.1	122.5	183.7#

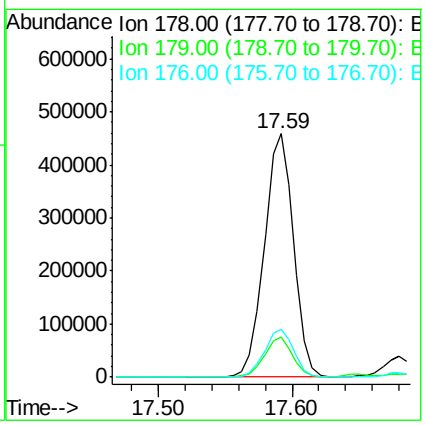


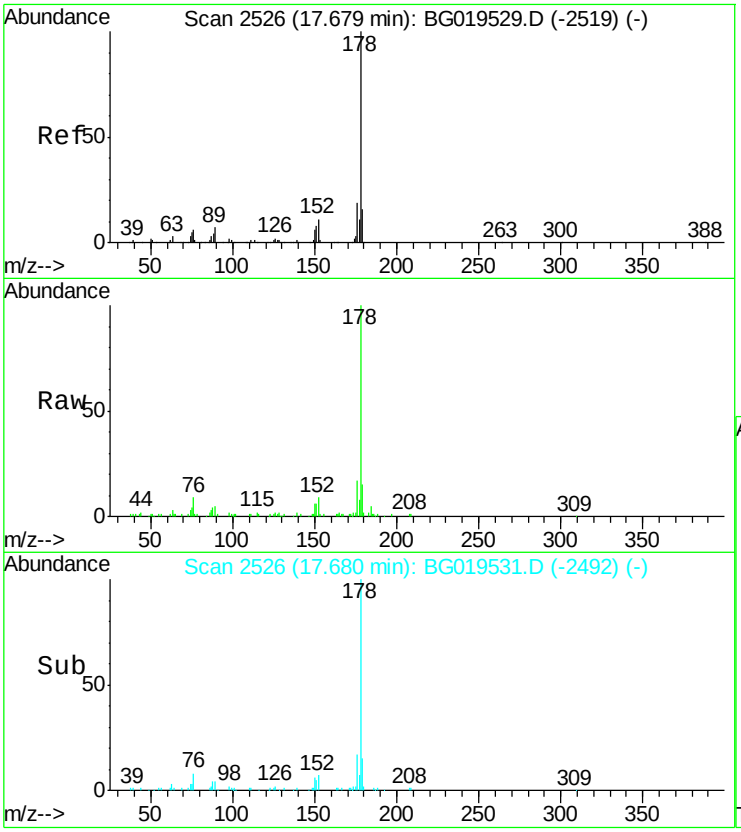


#70
Phenanthrene
Concen: 46.26 ng/ul
RT: 17.59 min Scan# 2511
Delta R.T. 0.00 min
Lab File: BG019531.D
Acq: 9 Nov 2015 13:58

Tgt Ion:178 Resp: 695712

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.6	18.8
176	19.5	14.3	21.5



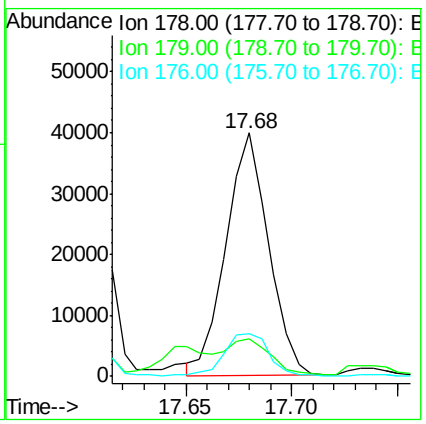


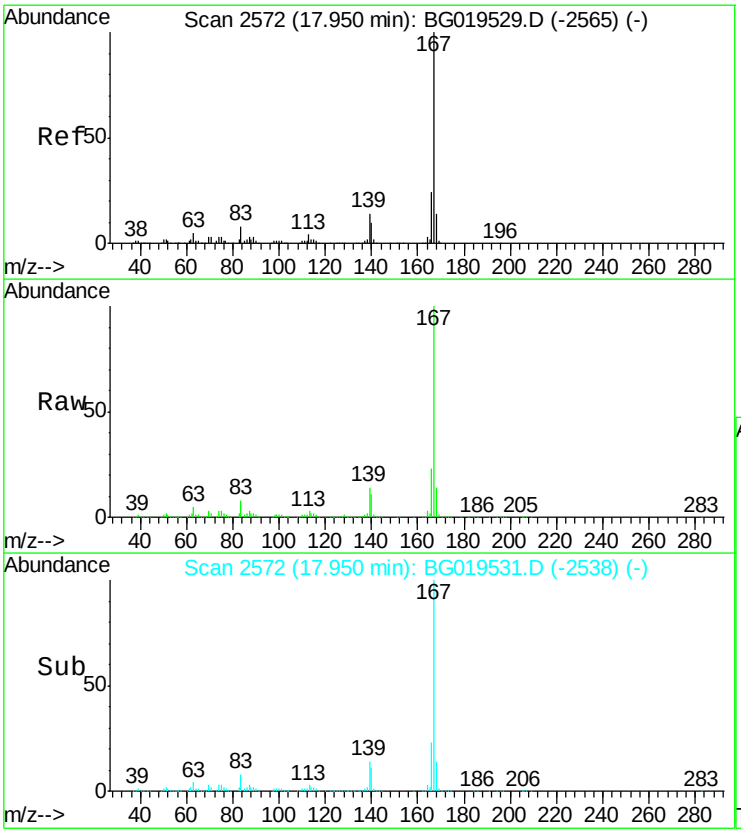
#72
Anthracene
Concen: 3.61 ng/ul
RT: 17.68 min Scan# 2526
Delta R.T. 0.00 min
Lab File: BG019531.D
Acq: 9 Nov 2015 13:58

Instrument :
BNA_G
ClientSampleId :
BCY51DL

Tgt Ion:178 Resp: 55379

Ion	Ratio	Lower	Upper
178	100		
179	15.2	11.6	17.4
176	17.3	14.2	21.4

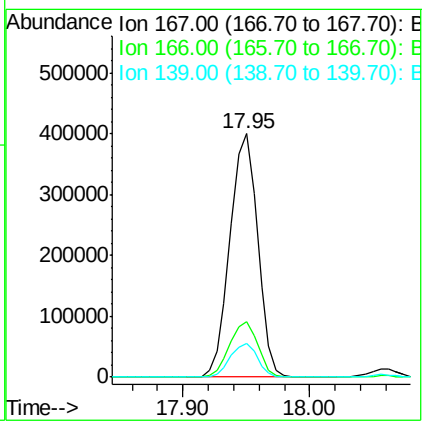


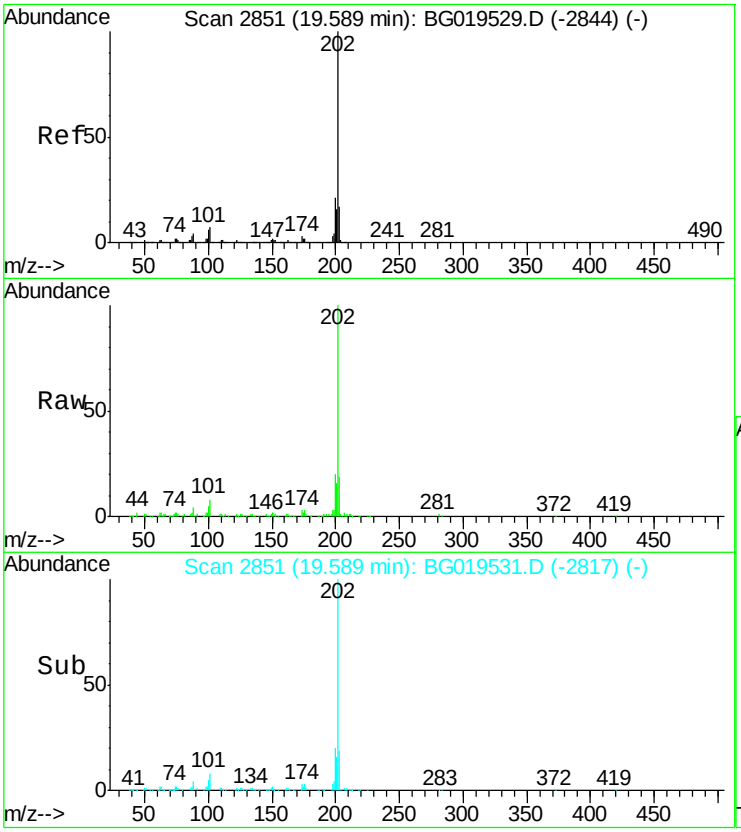


#75
Carbazole
Concen: 49.46 ng/ul
RT: 17.95 min Scan# 2572
Delta R.T. 0.00 min
Lab File: BG019531.D
Acq: 9 Nov 2015 13:58

Tgt Ion:167 Resp: 605025

Ion	Ratio	Lower	Upper
167	100		
166	22.9	16.8	25.2
139	13.8	9.8	14.6



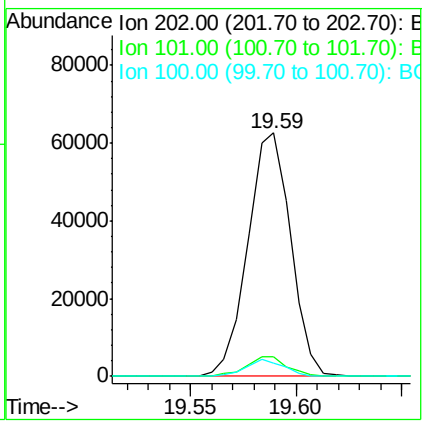


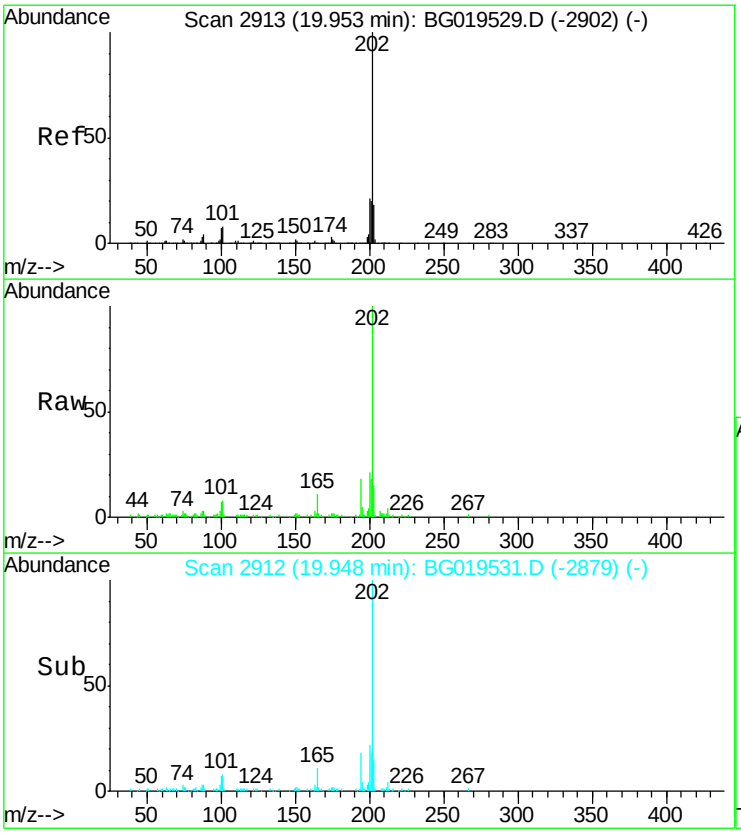
#77
Fluoranthene
Concen: 4.54 ng/ul
RT: 19.59 min Scan# 2851
Delta R.T. 0.00 min
Lab File: BG019531.D
Acq: 9 Nov 2015 13:58

Instrument :
BNA_G
ClientSampleId :
BCY51DL

Tgt Ion:202 Resp: 88365

Ion	Ratio	Lower	Upper
202	100		
101	8.1	4.0	6.0#
100	5.3	3.6	5.4





#80
Pyrene
Concen: 2.48 ng/ul
RT: 19.95 min Scan# 2912
Delta R.T. -0.01 min
Lab File: BG019531.D
Acq: 9 Nov 2015 13:58

Tgt Ion:202 Resp: 54683

Ion	Ratio	Lower	Upper
202	100		
101	7.7	4.3	6.5#
100	7.3	3.6	5.4#