Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110915\
Data File : BG019532.D
Acq On : 9 Nov 2015 14:36
Operator : UM/NP
Sample : G4245-16DL2 50X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY51DL2

Quant Time: Nov 10 00:16:53 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	35606	20.00	ng/ul	0.00
18) Naphthalene-d8	11.01	136	146156	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.81	164	115179	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	324227	20.00	ng/ul	0.00
78) Chrysene-d12	21.82	240	431251	20.00	ng/ul	0.00
86) Perylene-d12	25.18	264	398469	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	304	0.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	1982	0.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	1081	0.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	806	0.31	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	465	0.43	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	927	0.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	1703	0.62	ng/ul	0.00
29) 4-Chloroaniline-d4	11.15	131	613	0.22	ng/ul	0.01
44) Dimethylphthalate-d6	14.20	166	8671	0.91	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	8592	0.82	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.79	176	7203	0.82	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.91	200	200	0.10	ng/ul	0.00
71) Anthracene-d10	17.64	188	14463	0.98	ng/ul	0.00
79) Pyrene-d10	19.92	212	14767	0.78	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.94	264	16012	0.80	ng/ul	-0.01
Target Compounds						Qvalue
28) Naphthalene	11.06	128	697715	95.41	ng/ul	96
30) 4-Chloroaniline	11.05	127	96971	33.05	ng/ul#	1
34) 2-Methylnaphthalene	12.65	142	25180	4.28	ng/ul	98
35) 1-Methylnaphthalene	12.86	142	50596	9.10	ng/ul	95
41) 1,1'-Biphenyl	13.64	154	17952	2.20	ng/ul#	98
50) Acenaphthene	14.87	153	51408	7.07	ng/ul	97
54) Dibenzofuran	15.20	168	63704	5.95	ng/ul	91
59) Fluorene	15.85	166	40000	4.28	ng/ul#	97
70) Phenanthrene	17.59	178	78565	4.80	ng/ul	95
72) Anthracene	17.59	178	78565	4.71	ng/ul	96
75) Carbazole	17.94	167	67716	5.09	ng/ul	98

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

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ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
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BCY51DL2

Quant Time: Nov 10 00:16:53 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
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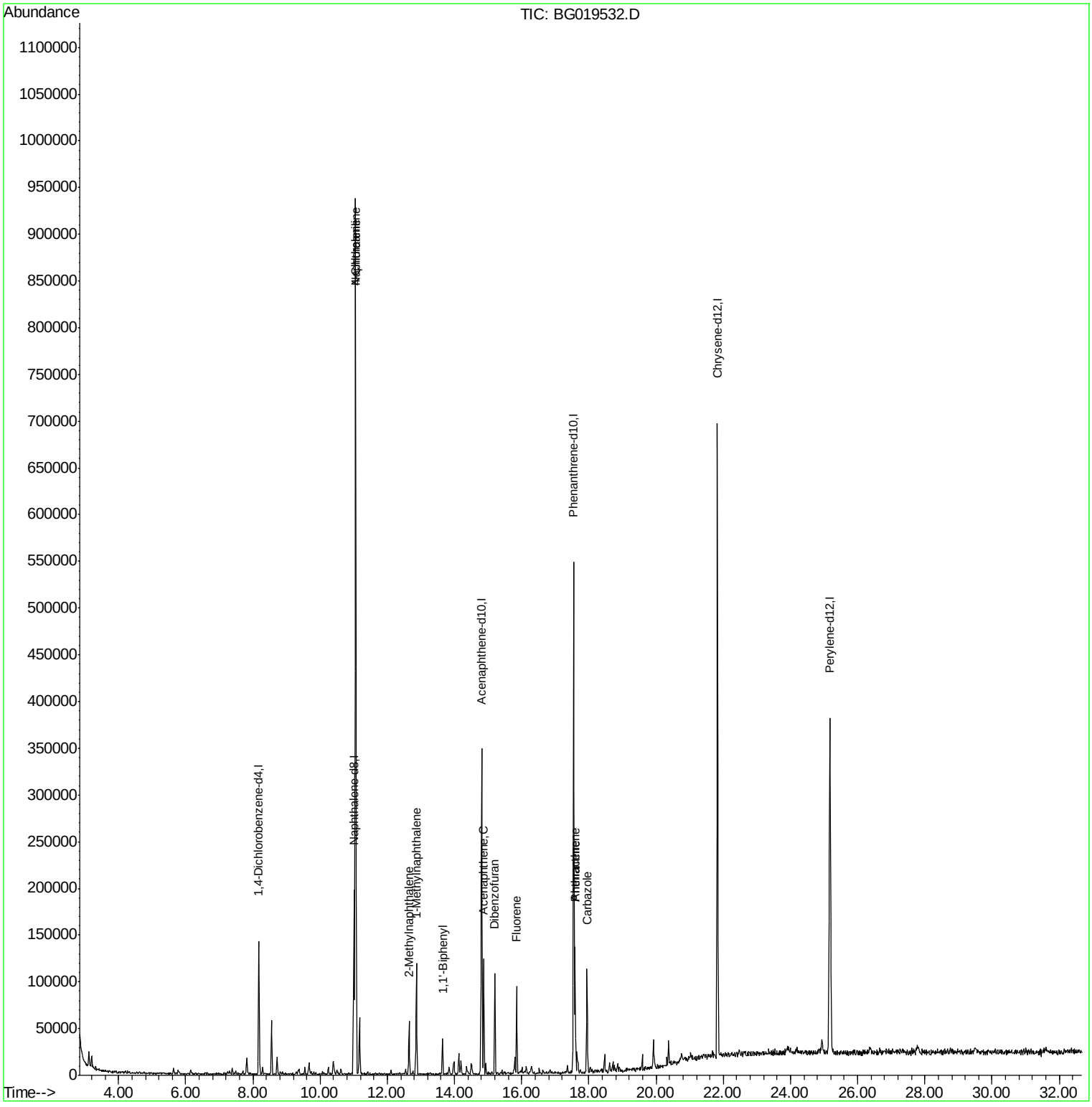
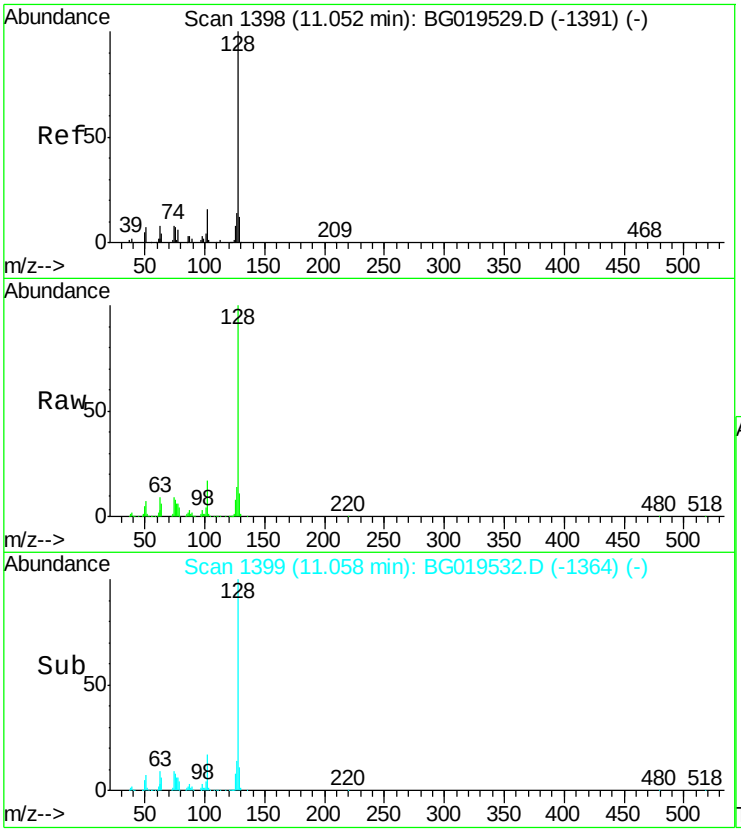


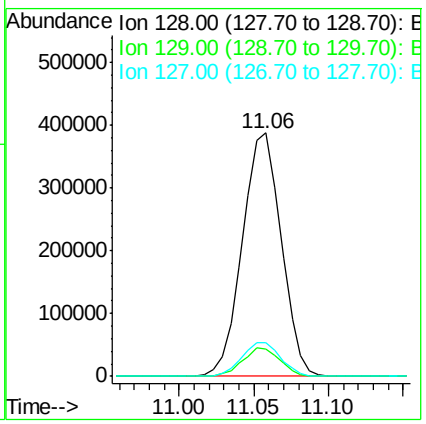


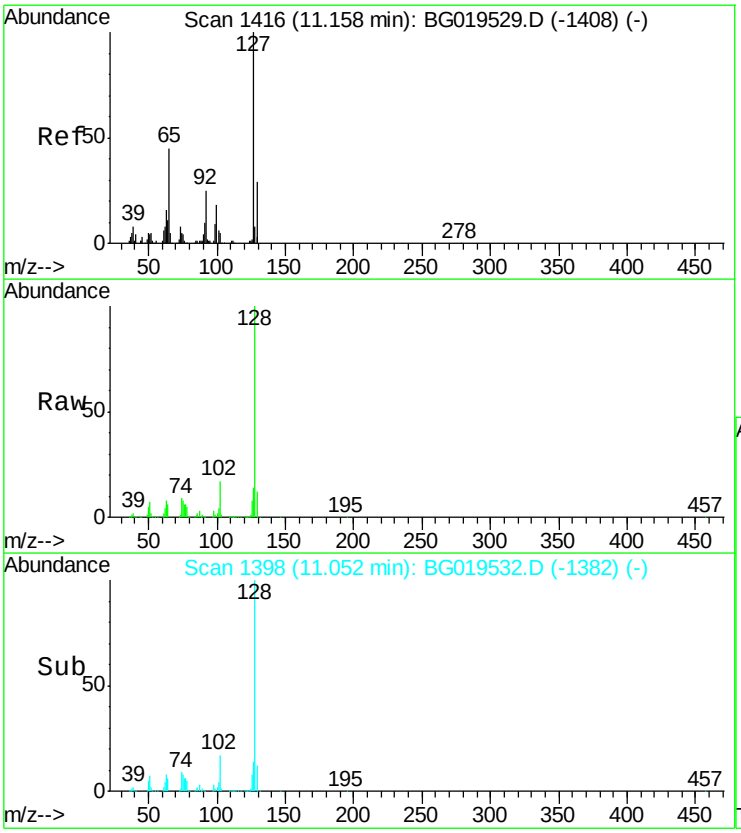
#28
Naphthalene
Concen: 95.41 ng/ul
RT: 11.06 min Scan# 1399
Delta R.T. 0.01 min
Lab File: BG019532.D
Acq: 9 Nov 2015 14:36

Instrument :
BNA_G
ClientSampleId :
BCY51DL2

Tgt Ion:128 Resp: 697715

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	13.8	13.1	19.7

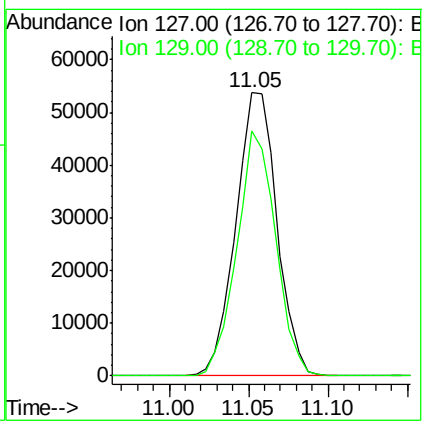


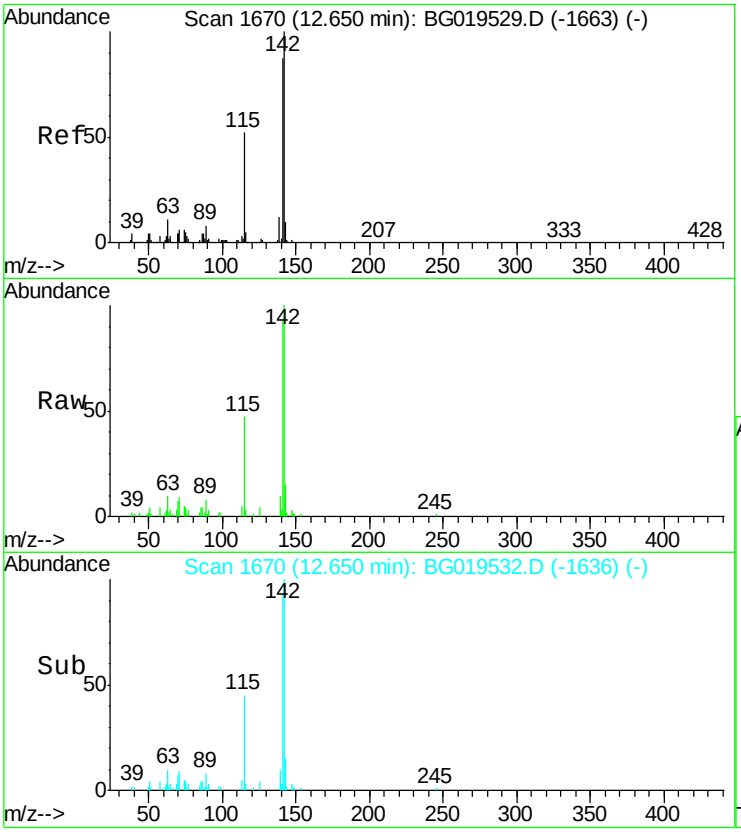


#30
4-Chloroaniline
Concen: 33.05 ng/ul
RT: 11.05 min Scan# 1398
Delta R.T. -0.11 min
Lab File: BG019532.D
Acq: 9 Nov 2015 14:36

Tgt Ion:127 Resp: 96971

Ion	Ratio	Lower	Upper
127	100		
129	86.5	24.6	36.8#



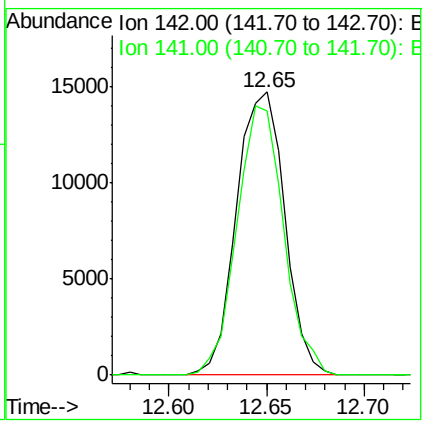


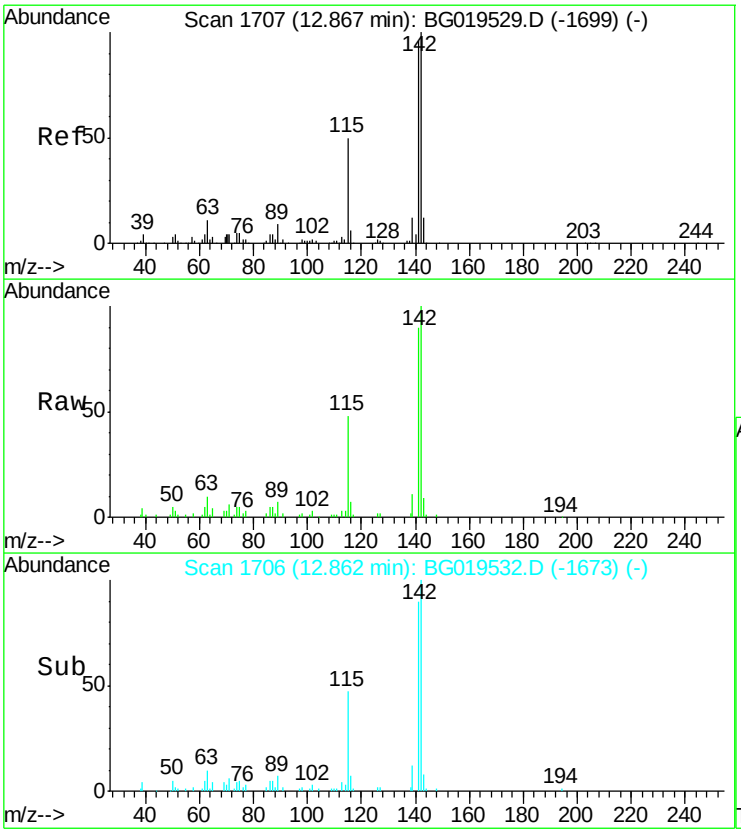
#34
2-Methylnaphthalene
Concen: 4.28 ng/ul
RT: 12.65 min Scan# 1670
Delta R.T. 0.00 min
Lab File: BG019532.D
Acq: 9 Nov 2015 14:36

Instrument :
BNA_G
ClientSampleId :
BCY51DL2

Tgt Ion:142 Resp: 25180

Ion	Ratio	Lower	Upper
142	100		
141	93.3	73.4	110.2

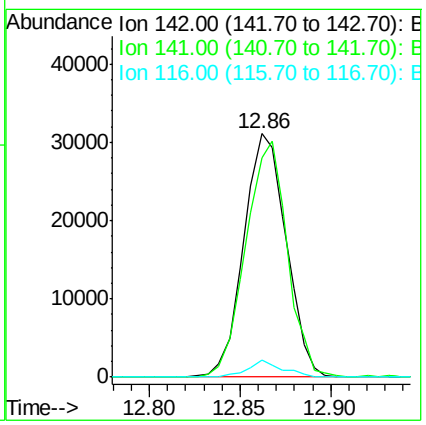


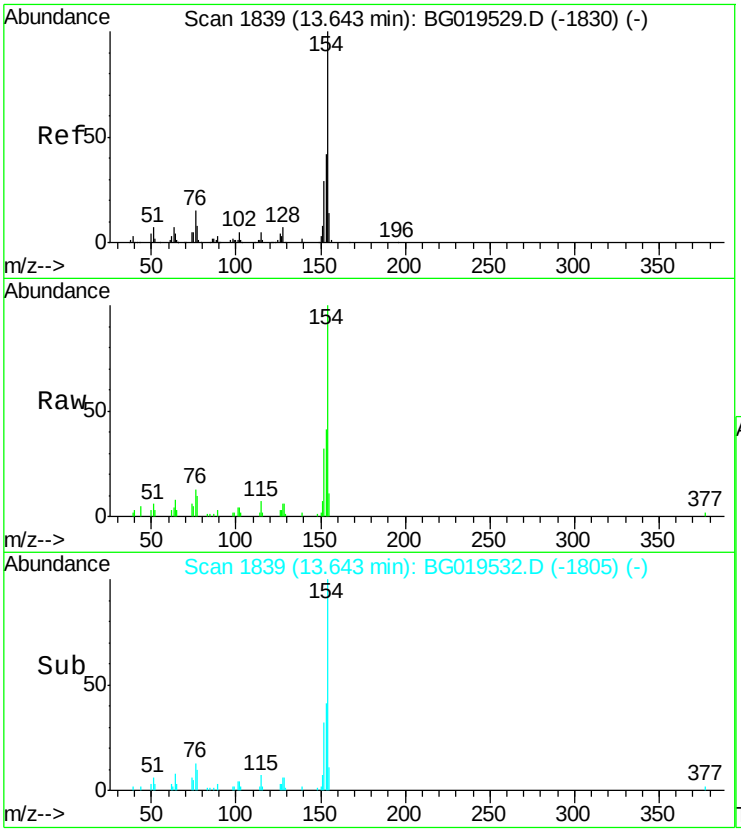


#35
1-Methylnaphthalene
Concen: 9.10 ng/ul
RT: 12.86 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BG019532.D
Acq: 9 Nov 2015 14:36

Tgt Ion:142 Resp: 50596

Ion	Ratio	Lower	Upper
142	100		
141	90.1	76.5	114.7
116	7.0	5.4	8.0



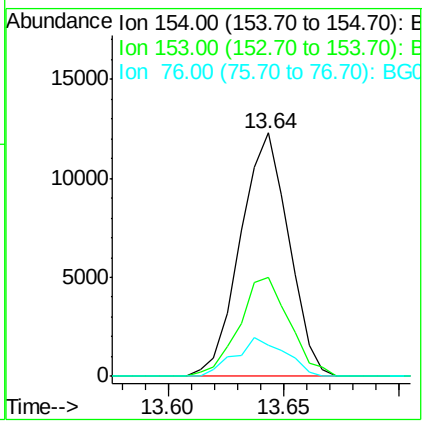


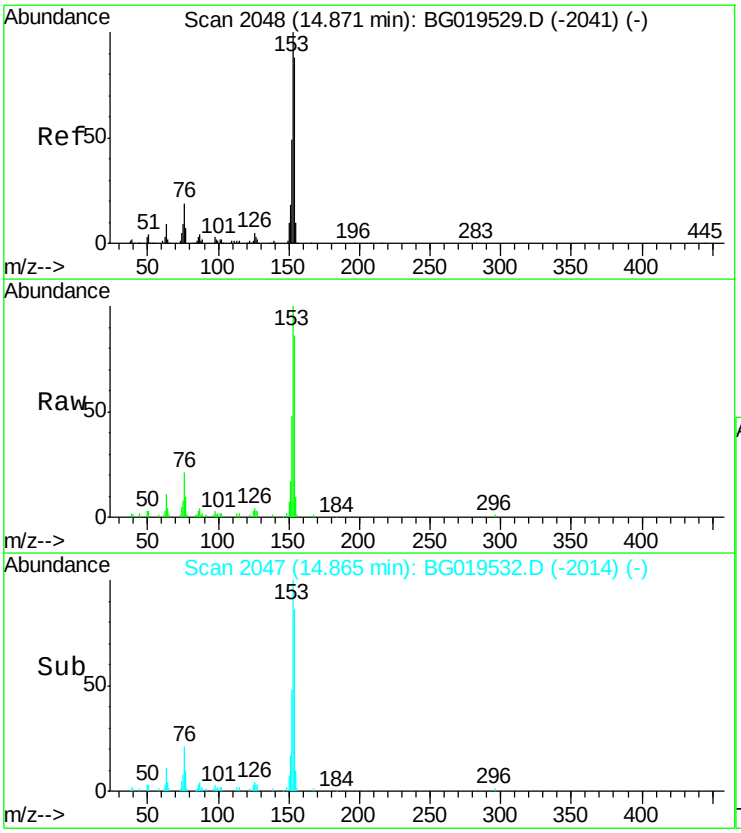
#41
1,1'-Biphenyl
Concen: 2.20 ng/ul
RT: 13.64 min Scan# 1839
Delta R.T. 0.00 min
Lab File: BG019532.D
Acq: 9 Nov 2015 14:36

Instrument :
BNA_G
ClientSampleId :
BCY51DL2

Tgt Ion:154 Resp: 17952

Ion	Ratio	Lower	Upper
154	100		
153	40.7	32.8	49.2
76	12.7	7.7	11.5#

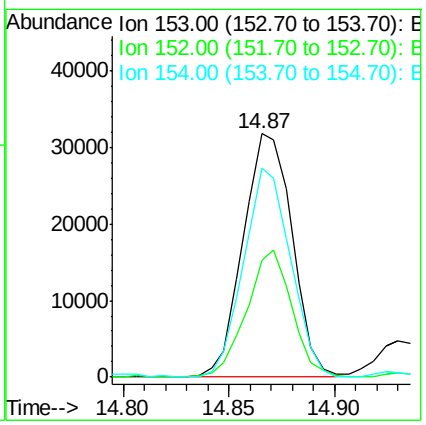


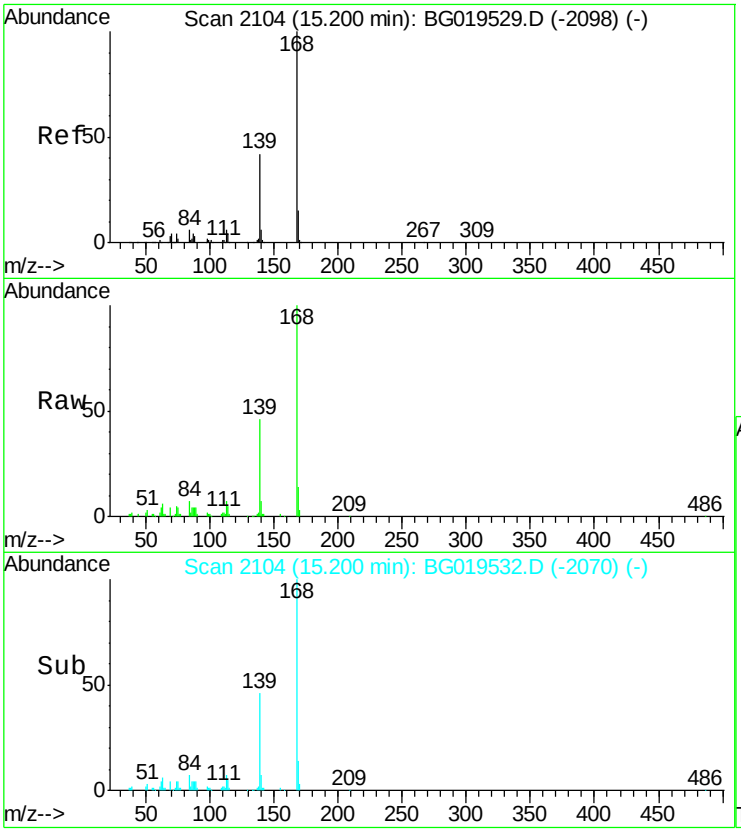


#50
Acenaphthene
Concen: 7.07 ng/ul
RT: 14.87 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BG019532.D
Acq: 9 Nov 2015 14:36

Tgt Ion:153 Resp: 51408

Ion	Ratio	Lower	Upper
153	100		
152	48.2	38.8	58.2
154	85.8	71.5	107.3



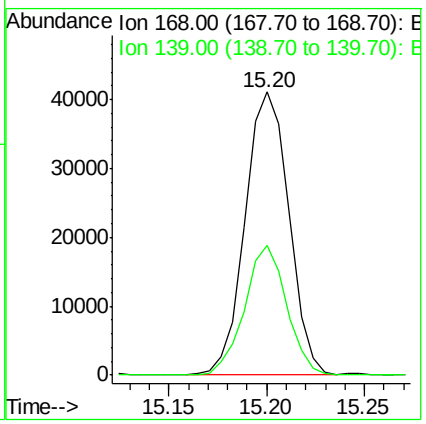


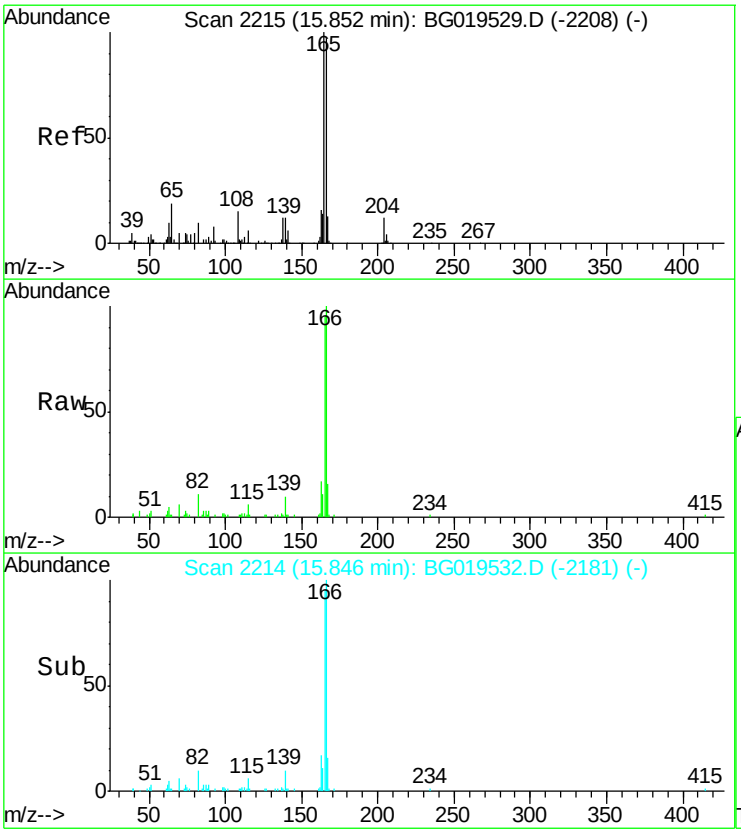
#54
Dibenzofuran
Concen: 5.95 ng/ul
RT: 15.20 min Scan# 2104
Delta R.T. 0.00 min
Lab File: BG019532.D
Acq: 9 Nov 2015 14:36

Instrument :
BNA_G
ClientSampleId :
BCY51DL2

Tgt Ion:168 Resp: 63704

Ion	Ratio	Lower	Upper
168	100		
139	45.9	32.4	48.6

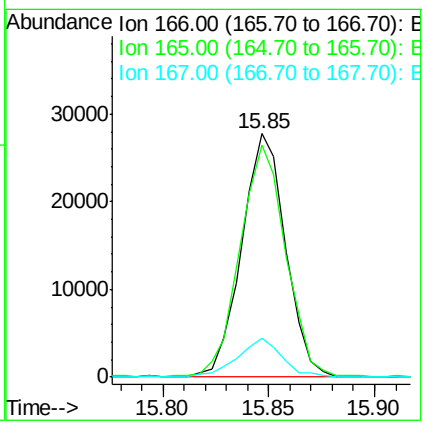


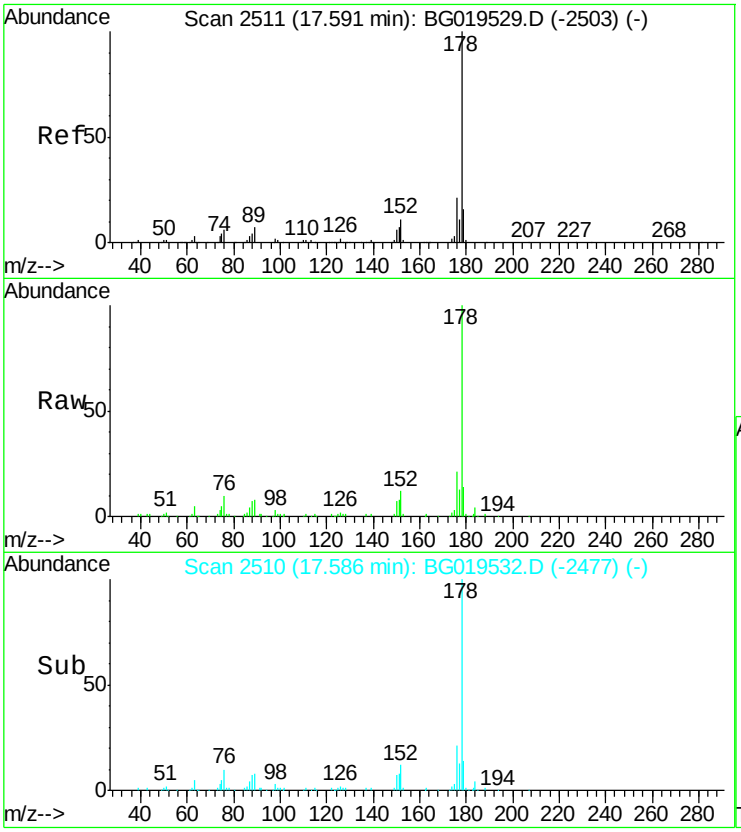


#59
Fluorene
Concen: 4.28 ng/ul
RT: 15.85 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BG019532.D
Acq: 9 Nov 2015 14:36

Tgt Ion:166 Resp: 40000

Ion	Ratio	Lower	Upper
166	100		
165	95.4	77.6	116.4
167	16.0	9.6	14.4#



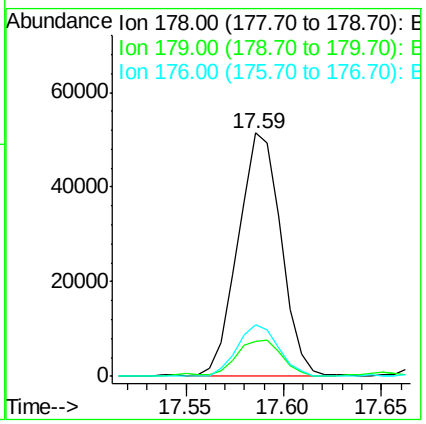


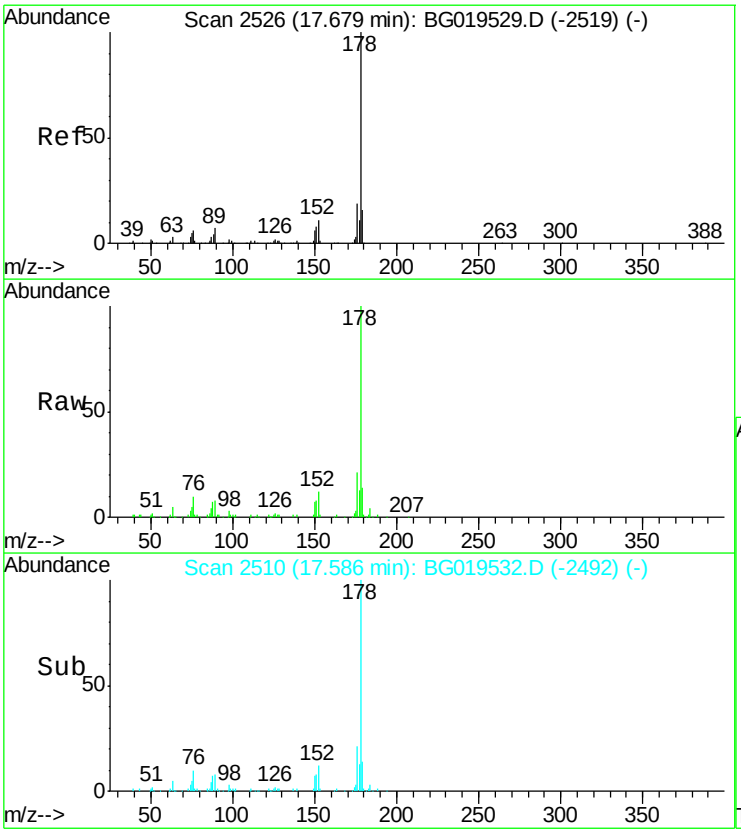
#70
Phenanthrene
Concen: 4.80 ng/ul
RT: 17.59 min Scan# 2510
Delta R.T. -0.01 min
Lab File: BG019532.D
Acq: 9 Nov 2015 14:36

Instrument :
BNA_G
ClientSampleId :
BCY51DL2

Tgt Ion:178 Resp: 78565

Ion	Ratio	Lower	Upper
178	100		
179	14.2	12.6	18.8
176	21.1	14.3	21.5

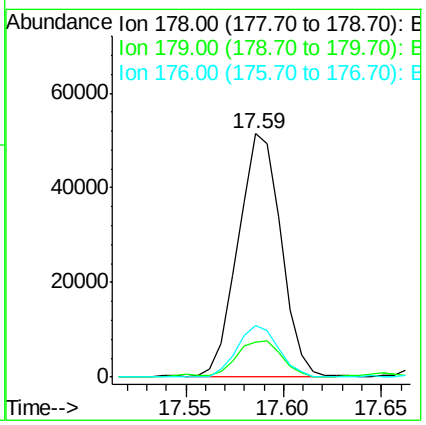


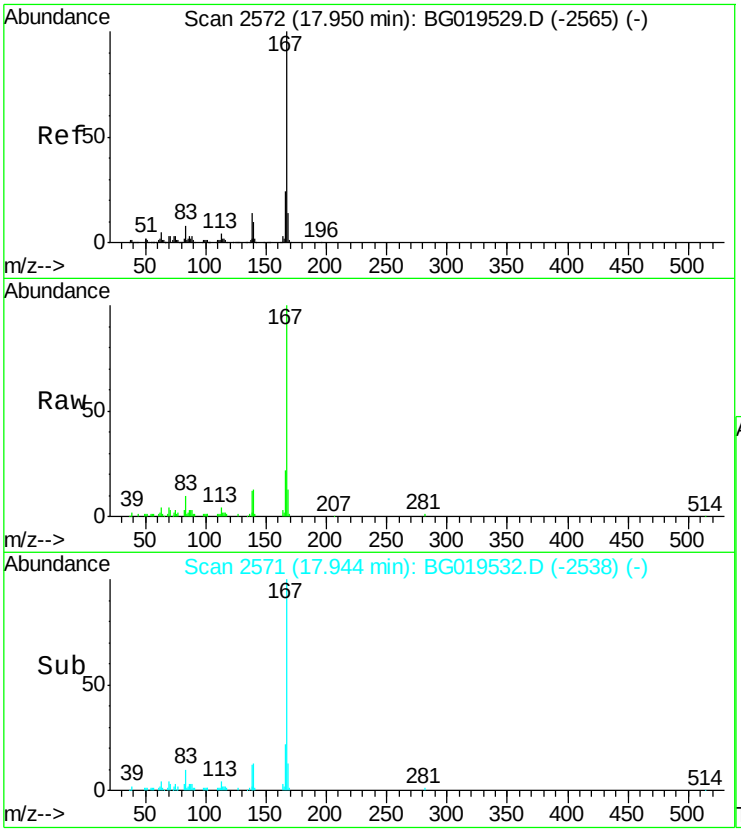


#72
Anthracene
Concen: 4.71 ng/ul
RT: 17.59 min Scan# 2510
Delta R.T. -0.09 min
Lab File: BG019532.D
Acq: 9 Nov 2015 14:36

Tgt Ion:178 Resp: 78565

Ion	Ratio	Lower	Upper
178	100		
179	14.2	11.6	17.4
176	21.1	14.2	21.4





#75
Carbazole
Concen: 5.09 ng/ul
RT: 17.94 min Scan# 2571
Delta R.T. -0.01 min
Lab File: BG019532.D
Acq: 9 Nov 2015 14:36

Instrument :
BNA_G
ClientSampleId :
BCY51DL2

Tgt Ion:167 Resp: 67716

Ion	Ratio	Lower	Upper
167	100		
166	22.4	16.8	25.2
139	12.3	9.8	14.6