Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120114\
Data File : BG015556.D
Acq On : 1 Dec 2014 10:57
Operator : TP/JJ
Sample : F4757-14DL2 100X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F3W35DL2

Quant Time: Dec 02 01:09:17 2014
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG112514.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 02 00:56:15 2014
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	94494	20.00	ng/ul	0.00
16) Naphthalene-d8	10.55	136	357824	20.00	ng/ul	0.00
33) Acenaphthene-d10	14.40	164	270695	20.00	ng/ul	0.00
59) Phenanthrene-d10	17.15	188	648411	20.00	ng/ul	0.00
73) Chrysene-d12	21.33	240	875883	20.00	ng/ul	0.00
81) Perylene-d12	23.62	264	811843	20.00	ng/ul	0.00
System Monitoring Compounds						
3) Phenol-d5	6.94	99	847	0.08	ng/ul	0.00
5) Bis-(2-Chloroethyl)ether-d	7.11	67	1778	0.28	ng/ul	0.00
7) 2-Chlorophenol-d4	7.30	132	1385	0.22	ng/ul	0.00
11) 4-Methylphenol-d8	8.46	113	768	0.11	ng/ul	-0.01
17) Nitrobenzene-d5	8.92	128	901	0.31	ng/ul	0.00
20) 2-Nitrophenol-d4	9.64	143	1003	0.33	ng/ul	0.00
24) 2,4-Dichlorophenol-d3	10.18	165	1458	0.26	ng/ul	0.00
27) 4-Chloroaniline-d4	10.70	131	493	0.07	ng/ul	0.01
41) Dimethylphthalate-d6	13.82	166	8760	0.46	ng/ul	0.00
44) Acenaphthylene-d8	14.09	160	7561	0.33	ng/ul	0.00
49) 4-Nitrophenol-d4	14.59	143	273	0.08	ng/ul	0.00
55) Fluorene-d10	15.40	176	8549	0.48	ng/ul	0.00
60) 4,6-Dinitro-2-methylphenol	15.51	200	649	0.19	ng/ul	0.00
68) Anthracene-d10	17.25	188	12115	0.40	ng/ul	0.00
74) Pyrene-d10	19.54	212	13375	0.36	ng/ul	0.00
85) Benzo(a)pyrene-d12	23.47	264	10696	0.29	ng/ul	0.00
Target Compounds						Qvalue
26) Naphthalene	10.61	128	931612	50.76	ng/ul	97
32) 2-Methylnaphthalene	12.22	142	139260	10.07	ng/ul	95
38) 1,1'-Biphenyl	13.23	154	27793	1.43	ng/ul	97
47) Acenaphthene	14.46	153	86269	5.27	ng/ul	89
51) Dibenzofuran	14.80	168	78262	3.25	ng/ul	92
56) Fluorene	15.45	166	43318	2.21	ng/ul	92
67) Phenanthrene	17.19	178	64020	1.93	ng/ul	96
70) Carbazole	17.55	167	72557	2.24	ng/ul	98

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

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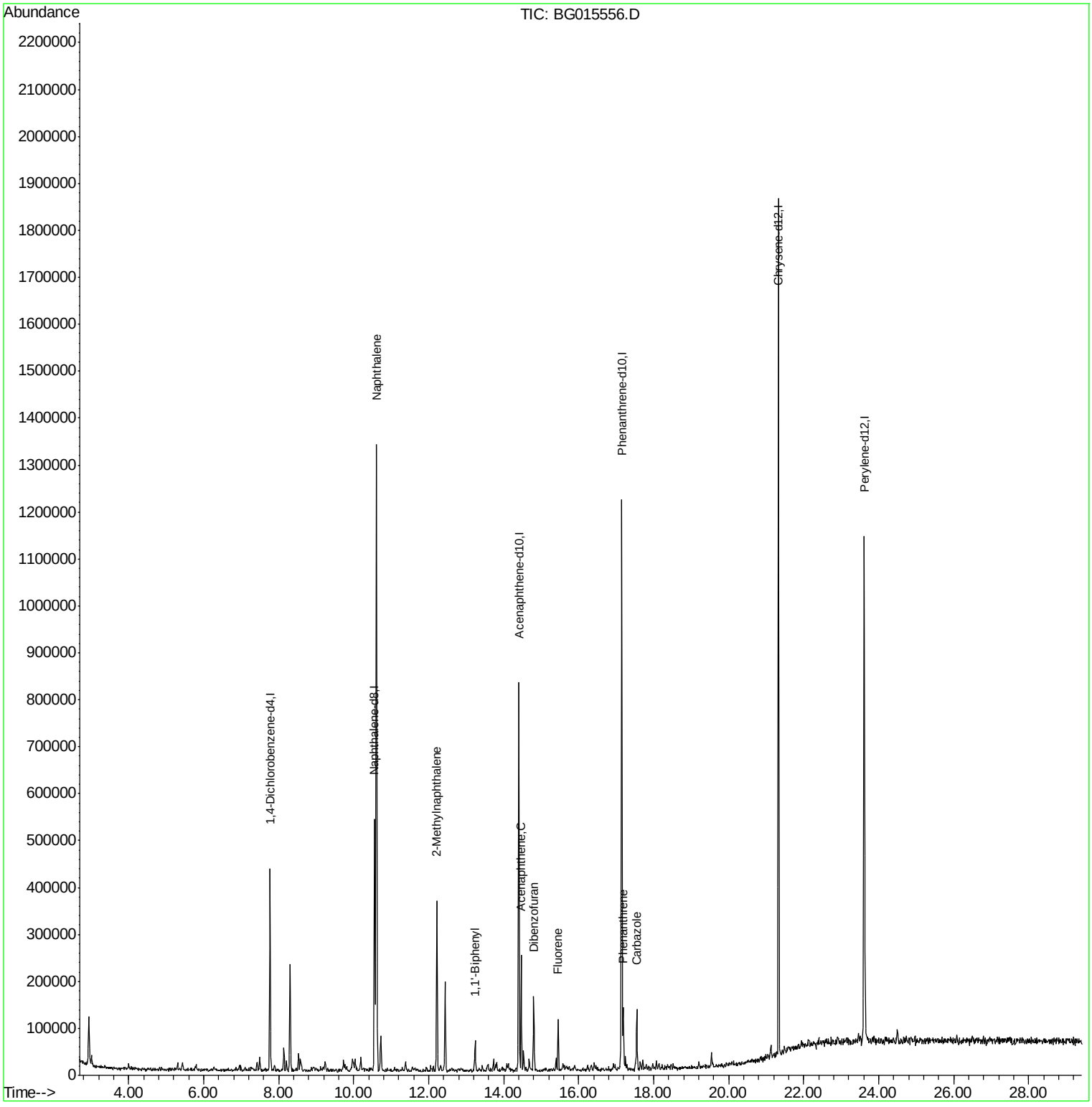
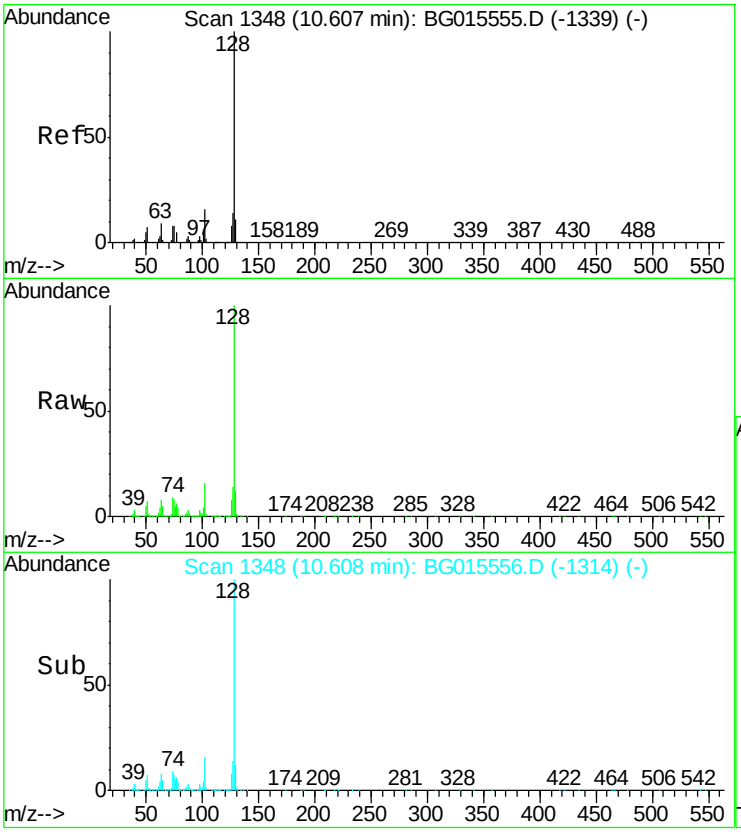


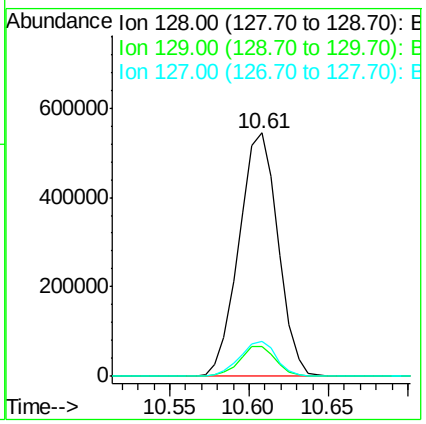


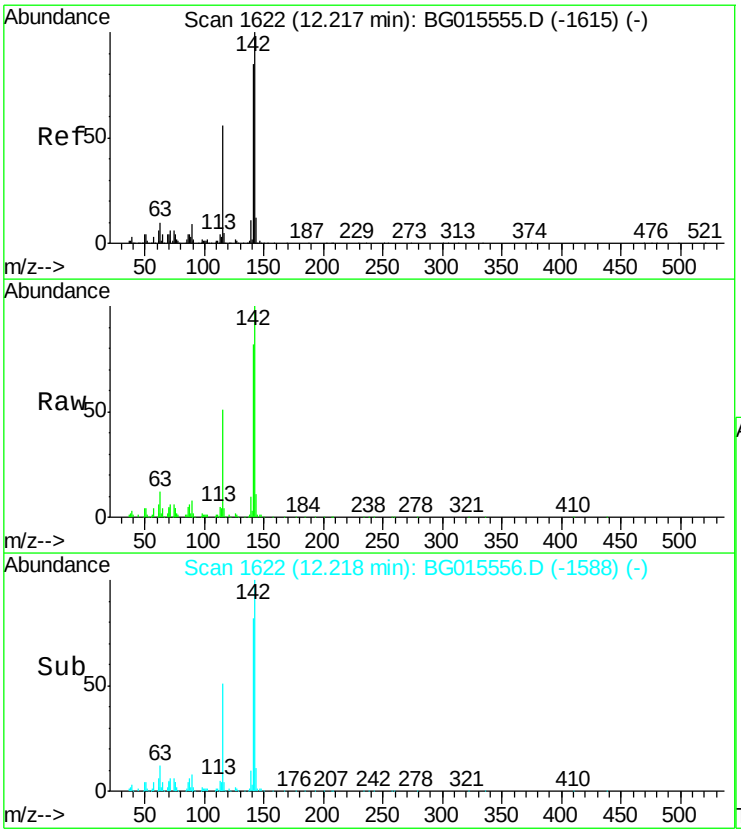
#26
Naphthalene
Concen: 50.76 ng/ul
RT: 10.61 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BG015556.D
Acq: 1 Dec 2014 10:57

Instrument :
BNA_G
ClientSampleId :
F3W35DL2

Tgt Ion:128 Resp: 931612

Ion	Ratio	Lower	Upper
128	100		
129	12.1	10.3	15.5
127	14.2	10.2	15.2

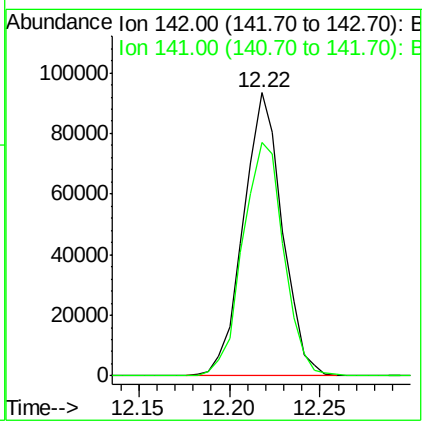


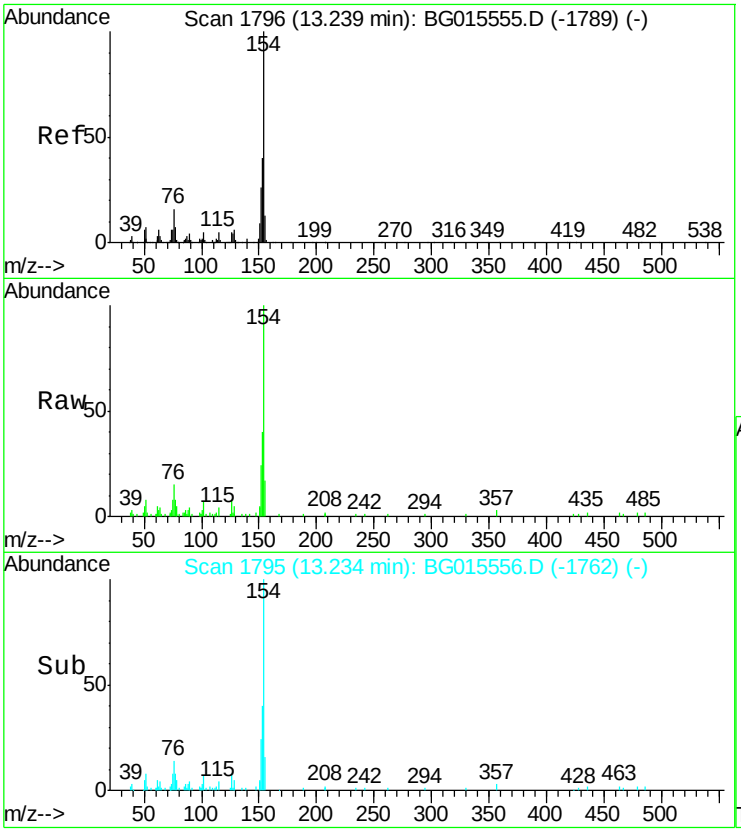


#32
2-Methylnaphthalene
Concen: 10.07 ng/ul
RT: 12.22 min Scan# 1622
Delta R.T. 0.00 min
Lab File: BG015556.D
Acq: 1 Dec 2014 10:57

Tgt Ion:142 Resp: 139260

Ion	Ratio	Lower	Upper
142	100		
141	82.4	69.7	104.5



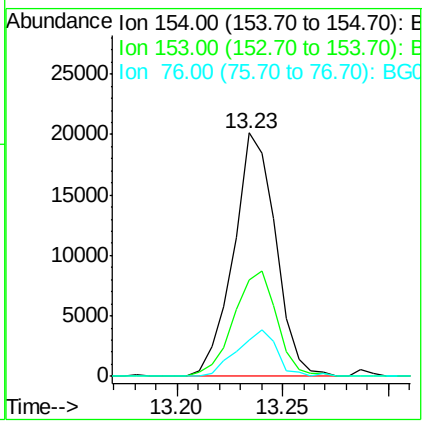


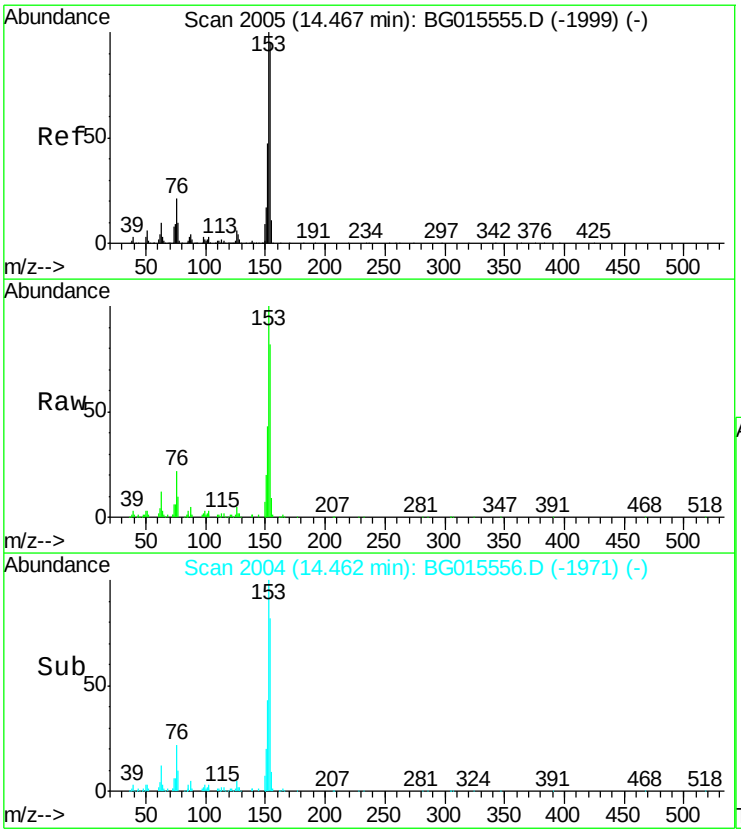
#38
1,1'-Biphenyl
Concen: 1.43 ng/ul
RT: 13.23 min Scan# 1795
Delta R.T. -0.00 min
Lab File: BG015556.D
Acq: 1 Dec 2014 10:57

Instrument :
BNA_G
ClientSampleId :
F3W35DL2

Tgt Ion:154 Resp: 27793

Ion	Ratio	Lower	Upper
154	100		
153	39.8	31.2	46.8
76	15.1	15.0	22.4

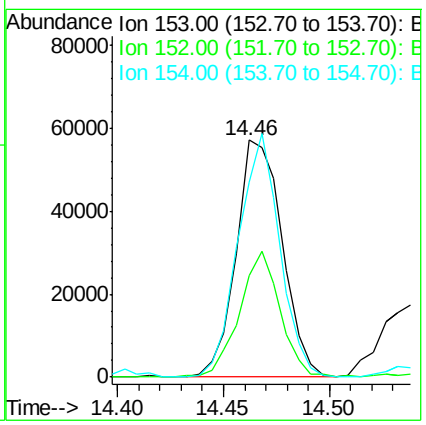


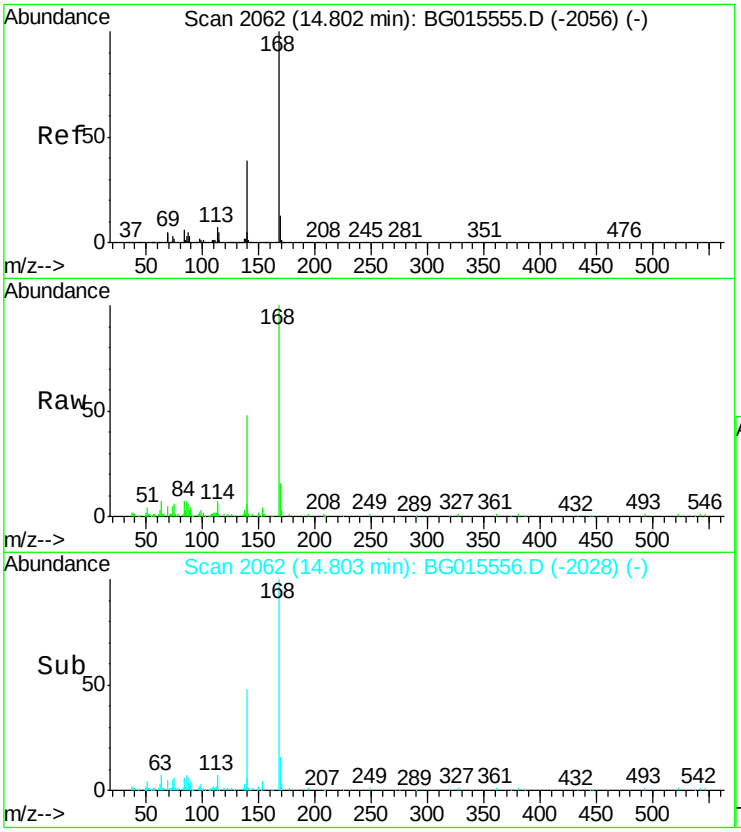


#47
Acenaphthene
Concen: 5.27 ng/ul
RT: 14.46 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BG015556.D
Acq: 1 Dec 2014 10:57

Tgt Ion:153 Resp: 86269

Ion	Ratio	Lower	Upper
153	100		
152	42.8	38.6	58.0
154	82.5	76.2	114.4



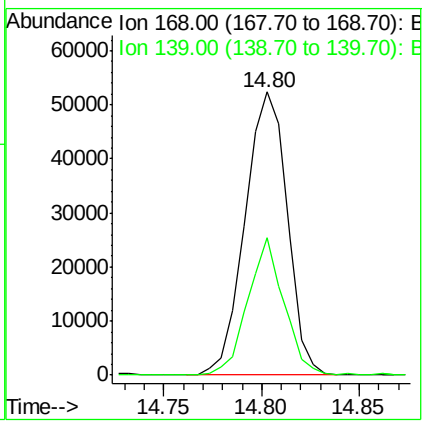


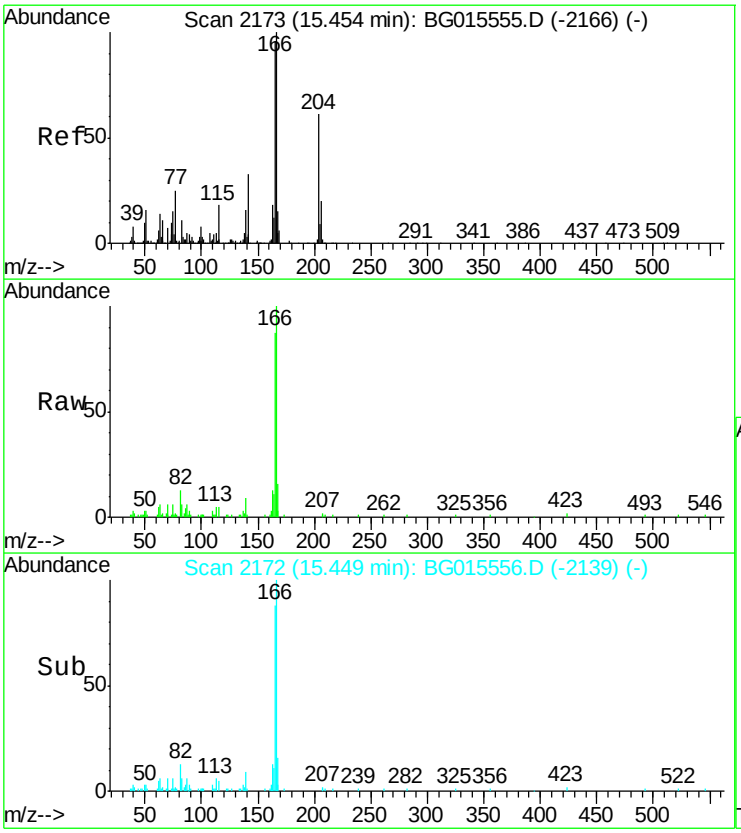
#51
Dibenzofuran
Concen: 3.25 ng/ul
RT: 14.80 min Scan# 2062
Delta R.T. 0.00 min
Lab File: BG015556.D
Acq: 1 Dec 2014 10:57

Instrument :
BNA_G
ClientSampleId :
F3W35DL2

Tgt Ion:168 Resp: 78262

Ion	Ratio	Lower	Upper
168	100		
139	48.5	34.9	52.3

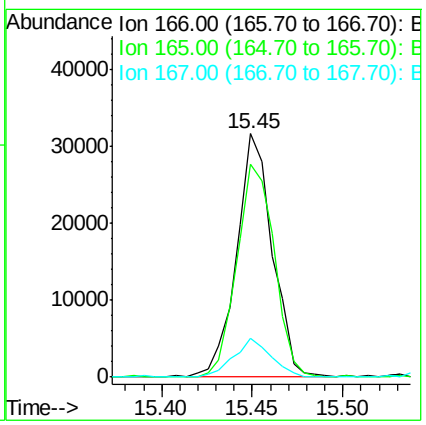


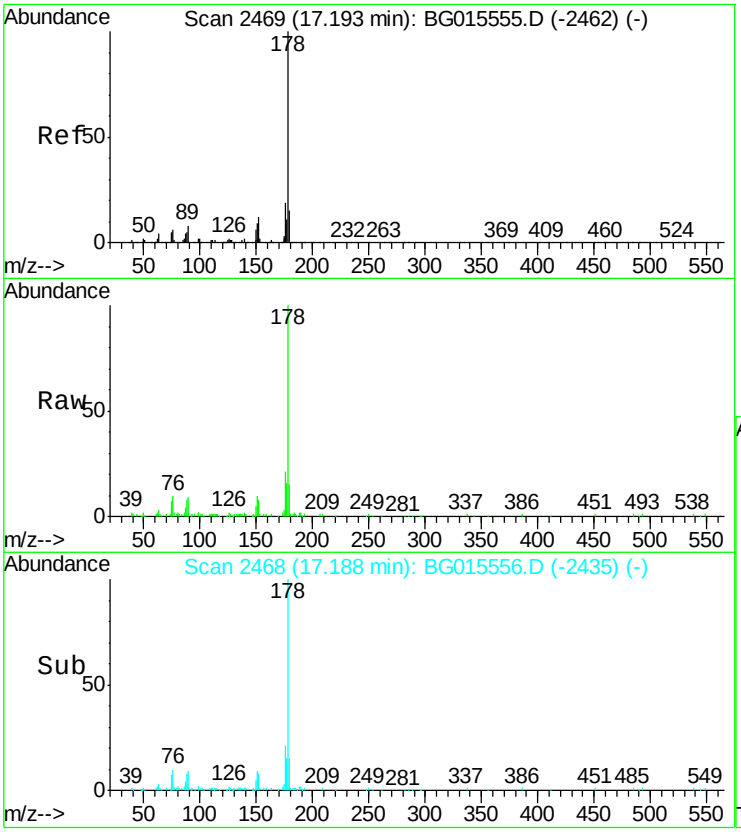


#56
Fluorene
Concen: 2.21 ng/ul
RT: 15.45 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BG015556.D
Acq: 1 Dec 2014 10:57

Tgt Ion:166 Resp: 43318

Ion	Ratio	Lower	Upper
166	100		
165	87.2	77.0	115.6
167	15.9	12.8	19.2



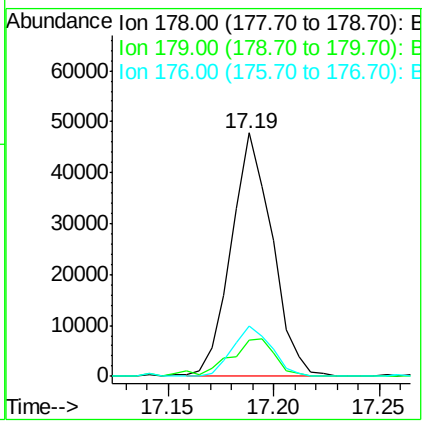


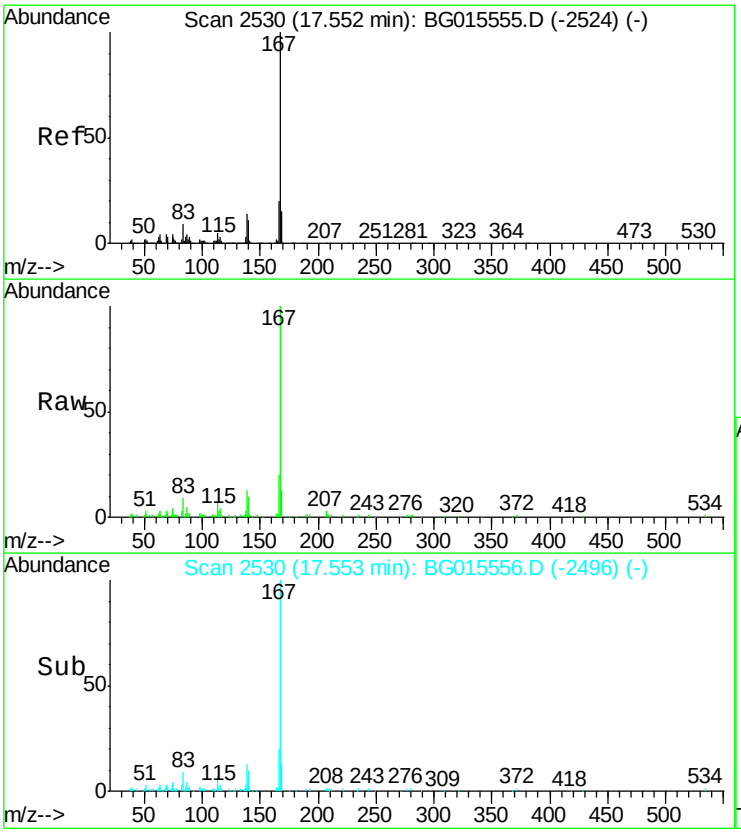
#67
Phenanthrene
Concen: 1.93 ng/ul
RT: 17.19 min Scan# 2468
Delta R.T. -0.00 min
Lab File: BG015556.D
Acq: 1 Dec 2014 10:57

Instrument :
BNA_G
ClientSampleId :
F3W35DL2

Tgt Ion:178 Resp: 64020

Ion	Ratio	Lower	Upper
178	100		
179	14.7	12.5	18.7
176	20.8	14.5	21.7





#70
Carbazole
Concen: 2.24 ng/ul
RT: 17.55 min Scan# 2530
Delta R.T. 0.00 min
Lab File: BG015556.D
Acq: 1 Dec 2014 10:57

Tgt Ion:167 Resp: 72557

Ion	Ratio	Lower	Upper
167	100		
166	19.8	15.1	22.7
139	12.9	10.7	16.1