Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025290.D
Acq On : 18 Dec 2016 1:24
Operator : UM/SJ
Sample : H5938-02DL 20X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA824DL

Quant Time: Dec 18 04:03:12 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 18 03:57:56 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	68501	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	276738	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.85	164	202290	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	453629	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	577001	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	584539	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.57	96	160	0.12	ng/uL	-0.02
5) Phenol-d5	7.41	99	7862	1.33	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.55	67	5649	1.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	6002	1.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	6379	1.29	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	3952	2.02	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	3399	1.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	7282	1.55	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	16063	3.48	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	24769	1.78	ng/ul	0.00
46) Acenaphthylene-d8	14.55	160	27971	1.84	ng/ul	0.00
51) 4-Nitrophenol-d4	15.07	143	1570	0.66	ng/ul	-0.02
57) Fluorene-d10	15.85	176	29278	2.24	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.98	200	1348	0.48	ng/ul	0.00
70) Anthracene-d10	17.70	188	36200	1.89	ng/ul	0.00
76) Pyrene-d10	19.98	212	45230	1.90	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	41962	1.77	ng/ul	-0.01
Target Compounds						Qvalue
28) Naphthalene	11.11	128	156661	12.18	ng/ul	96
34) 2-Methylnaphthalene	12.70	142	276660	27.25	ng/ul	100
40) 1,1'-Biphenyl	13.69	154	64263	5.24	ng/ul	96
44) Dimethylphthalate	14.30	163	23205	1.70	ng/ul#	87
49) Acenaphthene	14.92	153	16389	1.61	ng/ul#	70
53) Dibenzofuran	15.25	168	45510	2.83	ng/ul	93
58) Fluorene	15.90	166	47906	3.67	ng/ul#	86
69) Phenanthrene	17.65	178	28334	1.31	ng/ul#	95

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

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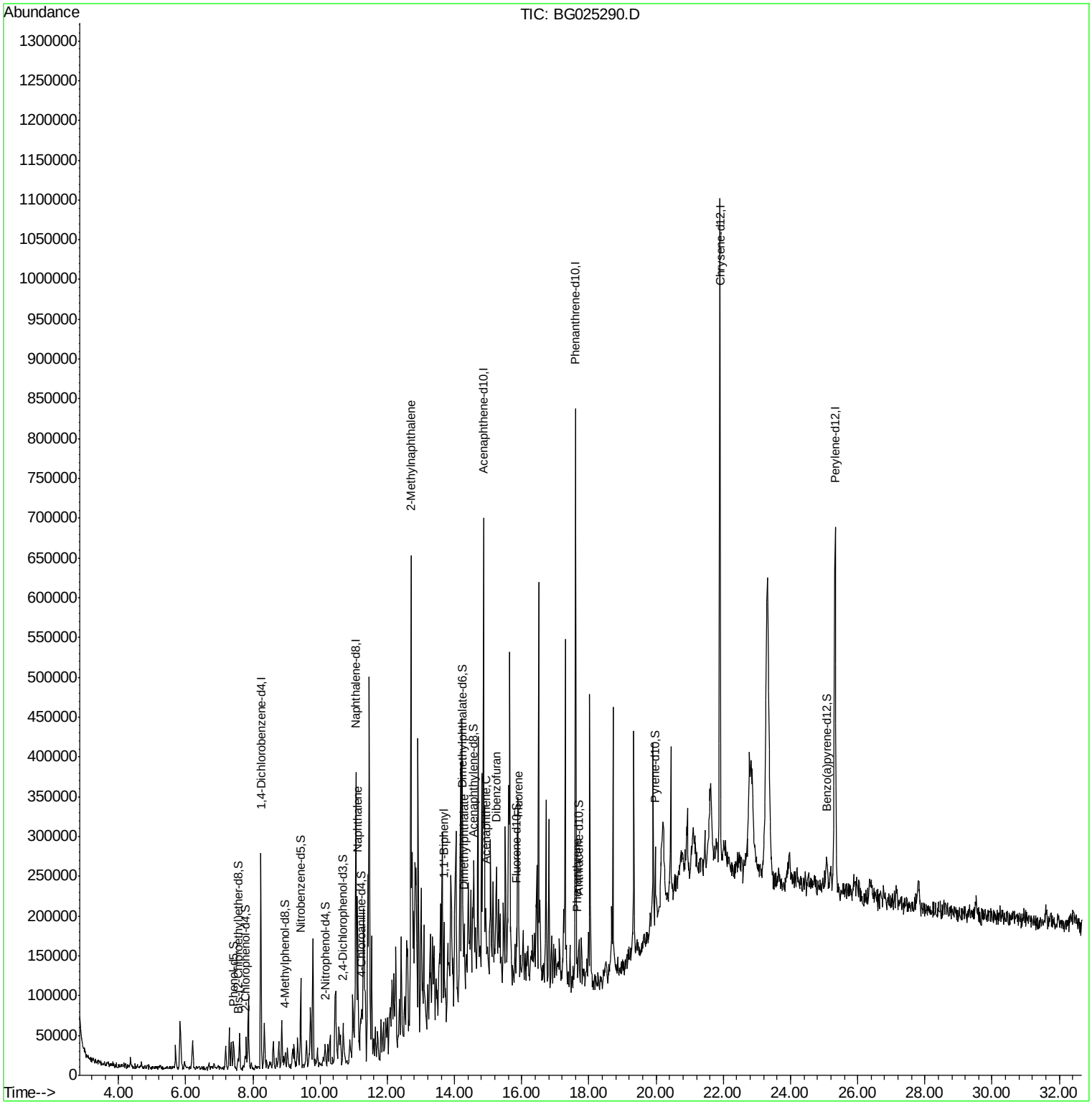
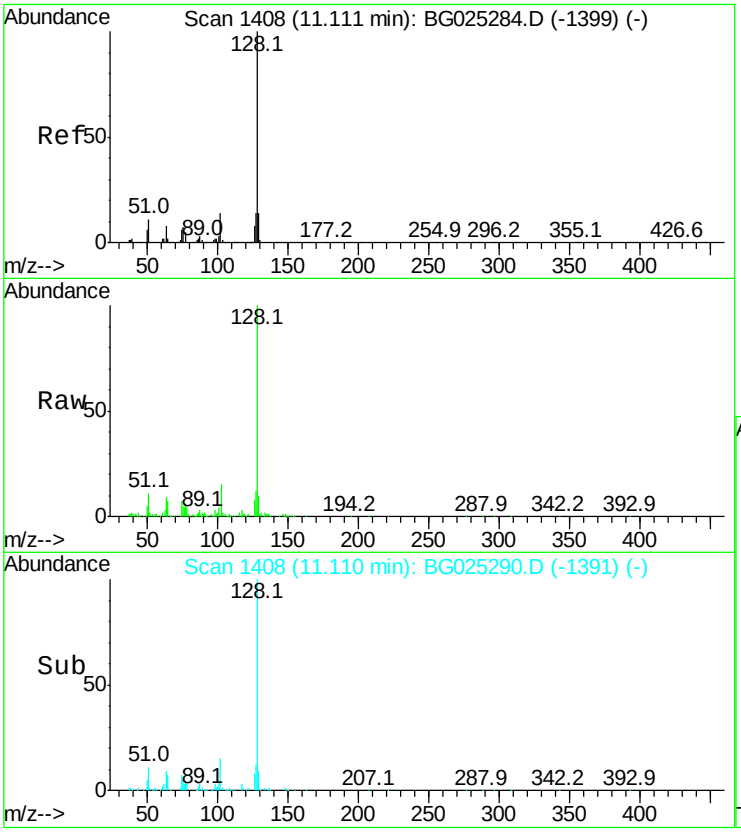


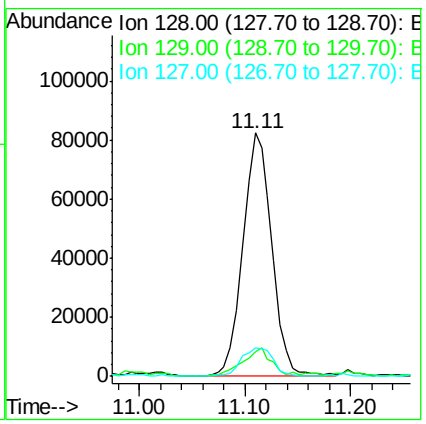


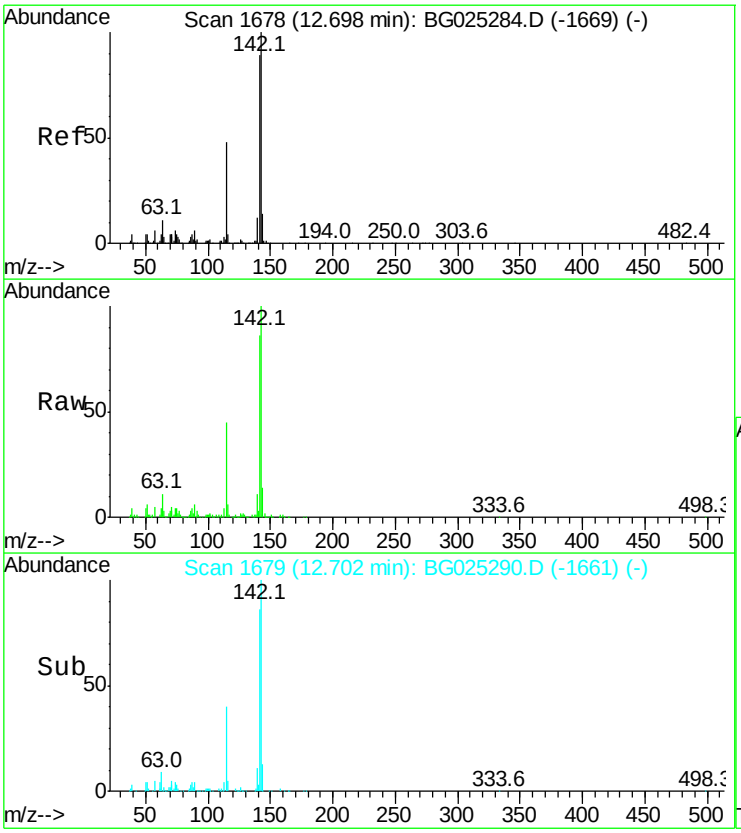
#28
Naphthalene
Concen: 12.18 ng/ul
RT: 11.11 min Scan# 1408
Delta R.T. -0.00 min
Lab File: BG025290.D
Acq: 18 Dec 2016 1:24

Instrument :
BNA_G
ClientSampleId :
DA824DL

Tgt Ion:128 Resp: 156661

Ion	Ratio	Lower	Upper
128	100		
129	10.0	9.4	14.2
127	11.9	10.3	15.5

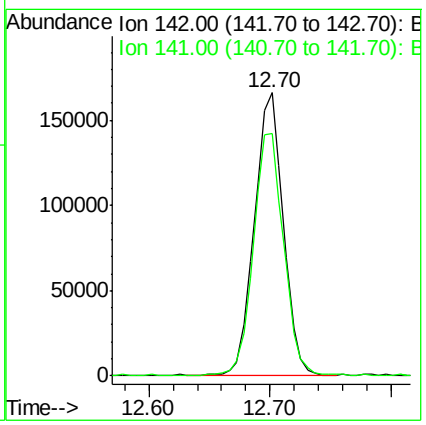


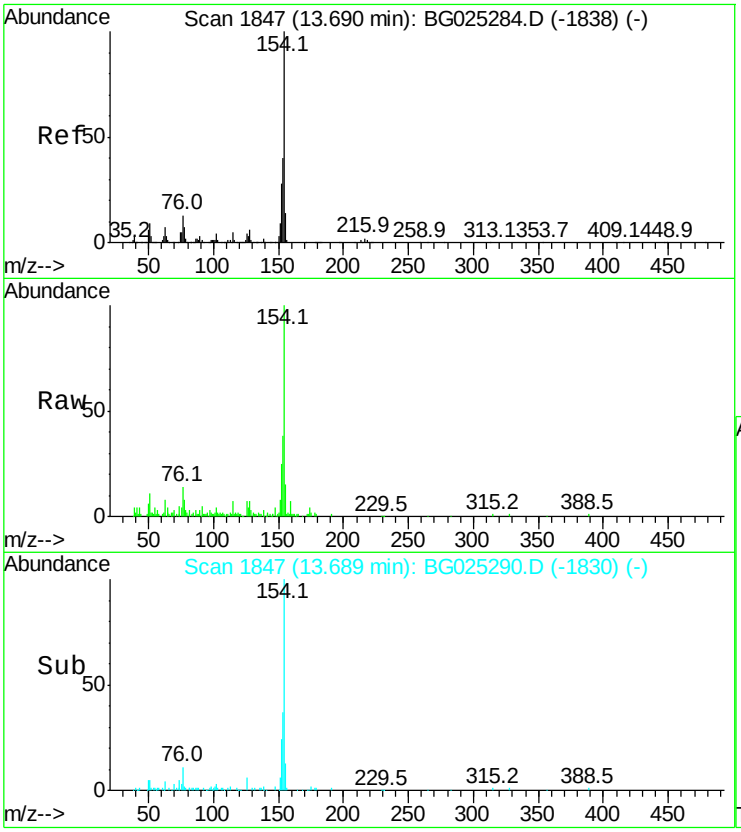


#34
2-Methylnaphthalene
Concen: 27.25 ng/ul
RT: 12.70 min Scan# 1679
Delta R.T. 0.00 min
Lab File: BG025290.D
Acq: 18 Dec 2016 1:24

Tgt Ion:142 Resp: 276660

Ion	Ratio	Lower	Upper
142	100		
141	85.7	68.6	102.8



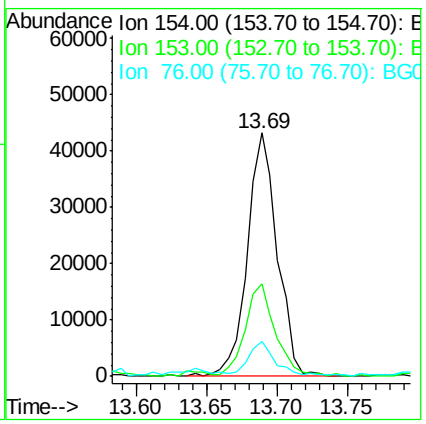


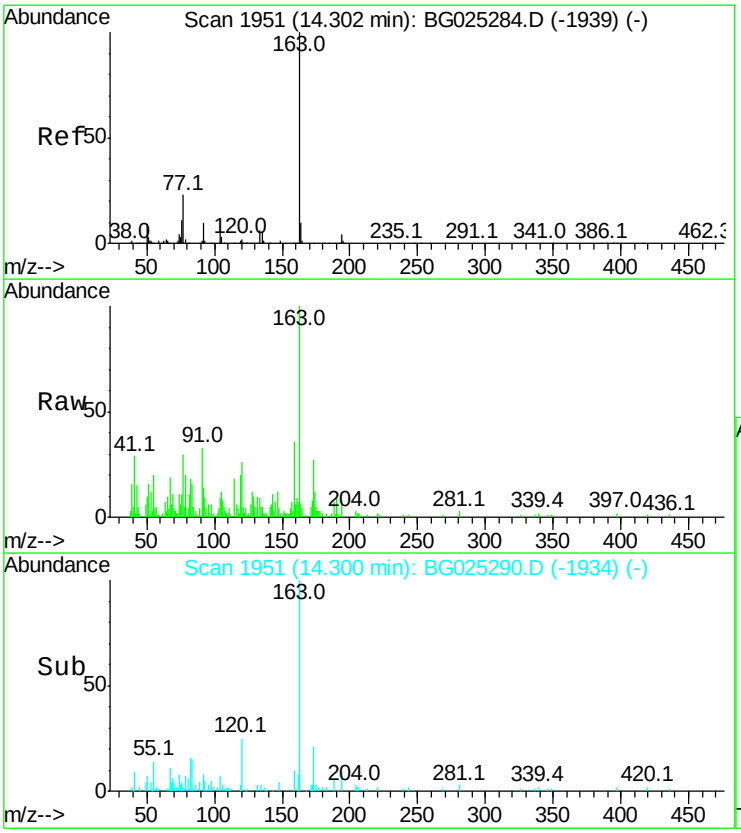
#40
1,1'-Biphenyl
Concen: 5.24 ng/ul
RT: 13.69 min Scan# 1847
Delta R.T. -0.00 min
Lab File: BG025290.D
Acq: 18 Dec 2016 1:24

Instrument :
BNA_G
ClientSampleId :
DA824DL

Tgt Ion:154 Resp: 64263

Ion	Ratio	Lower	Upper
154	100		
153	37.8	32.2	48.2
76	14.4	9.6	14.4

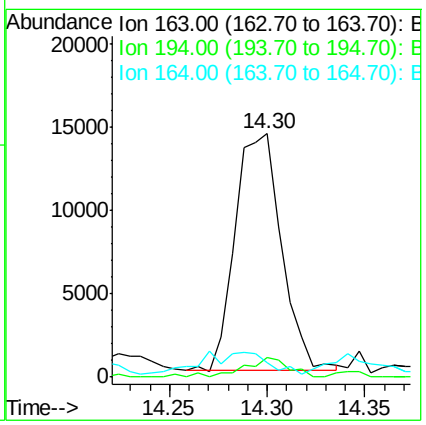


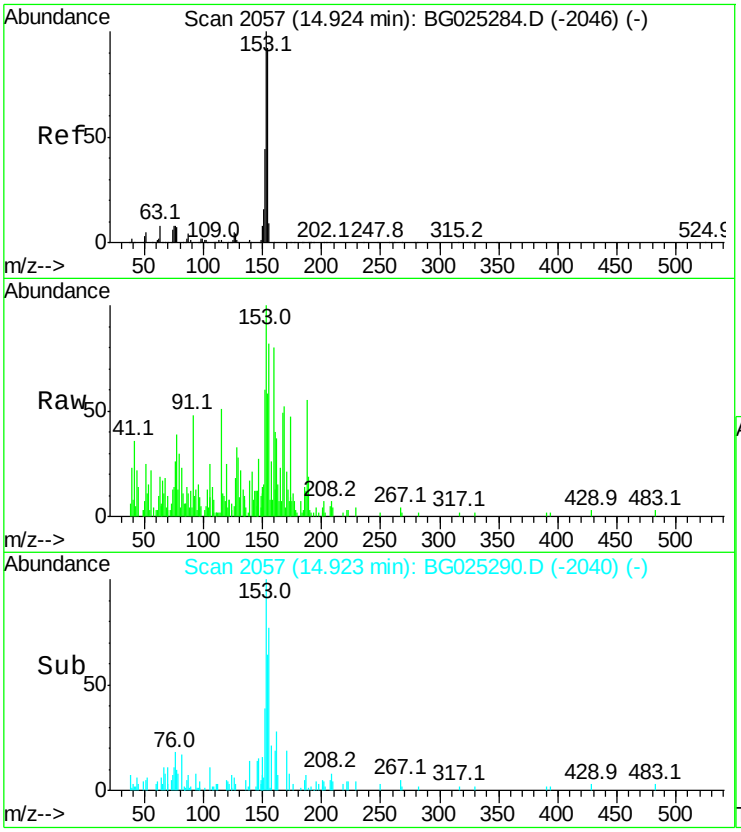


#44
Dimethylphthalate
Concen: 1.70 ng/ul
RT: 14.30 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BG025290.D
Acq: 18 Dec 2016 1:24

Tgt Ion:163 Resp: 23205

Ion	Ratio	Lower	Upper
163	100		
194	7.9	3.4	5.0#
164	5.8	9.0	13.4#



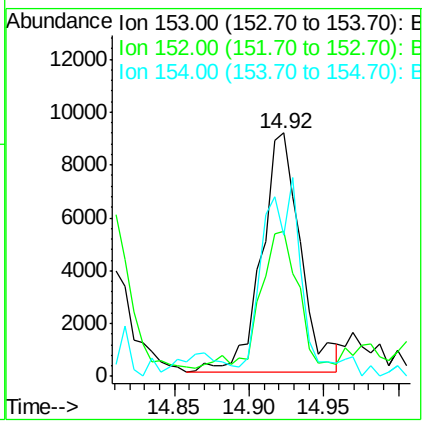


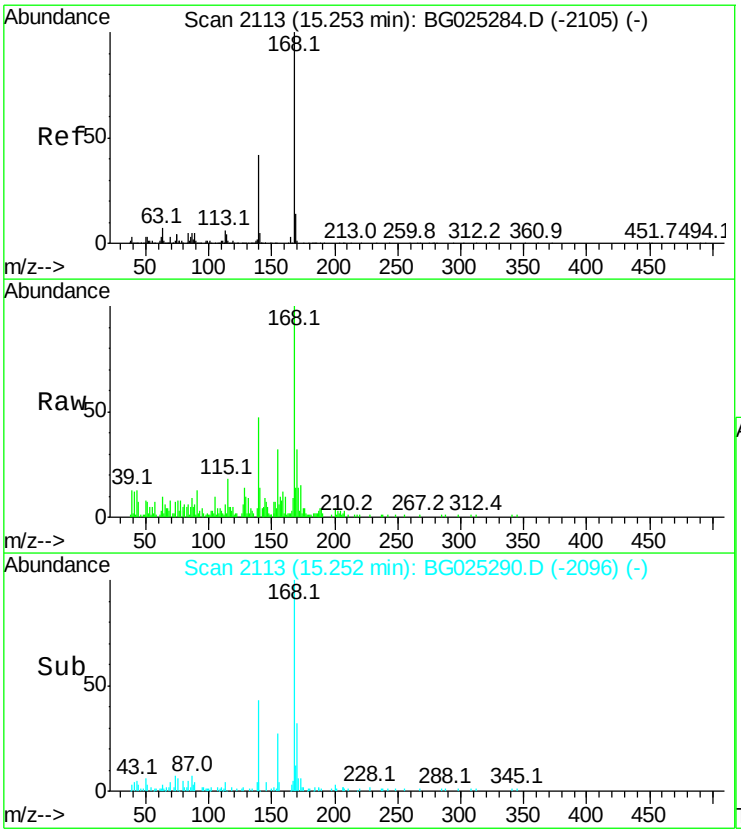
#49
Acenaphthene
Concen: 1.61 ng/ul
RT: 14.92 min Scan# 2057
Delta R.T. -0.00 min
Lab File: BG025290.D
Acq: 18 Dec 2016 1:24

Instrument :
BNA_G
ClientSampleId :
DA824DL

Tgt Ion:153 Resp: 16389

Ion	Ratio	Lower	Upper
153	100		
152	59.8	36.5	54.7#
154	57.9	72.3	108.5#

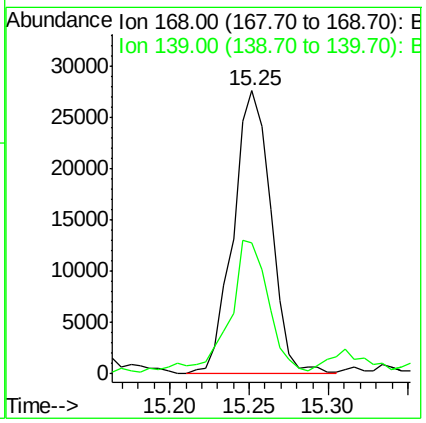


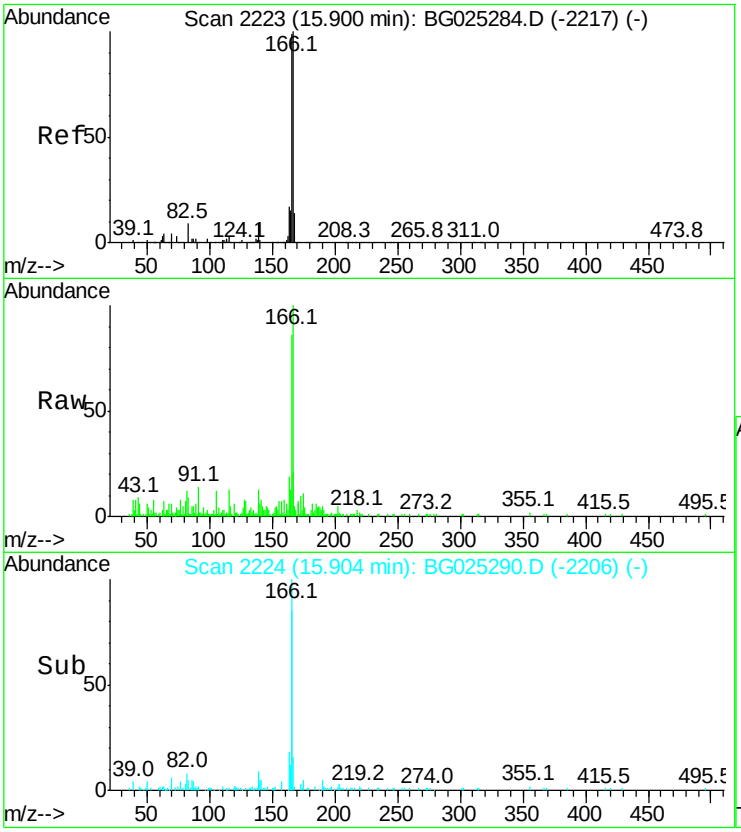


#53
Dibenzofuran
Concen: 2.83 ng/ul
RT: 15.25 min Scan# 2113
Delta R.T. -0.00 min
Lab File: BG025290.D
Acq: 18 Dec 2016 1:24

Tgt Ion:168 Resp: 45510

Ion	Ratio	Lower	Upper
168	100		
139	46.5	33.8	50.8



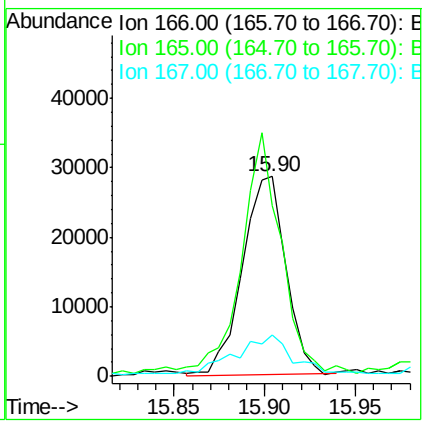


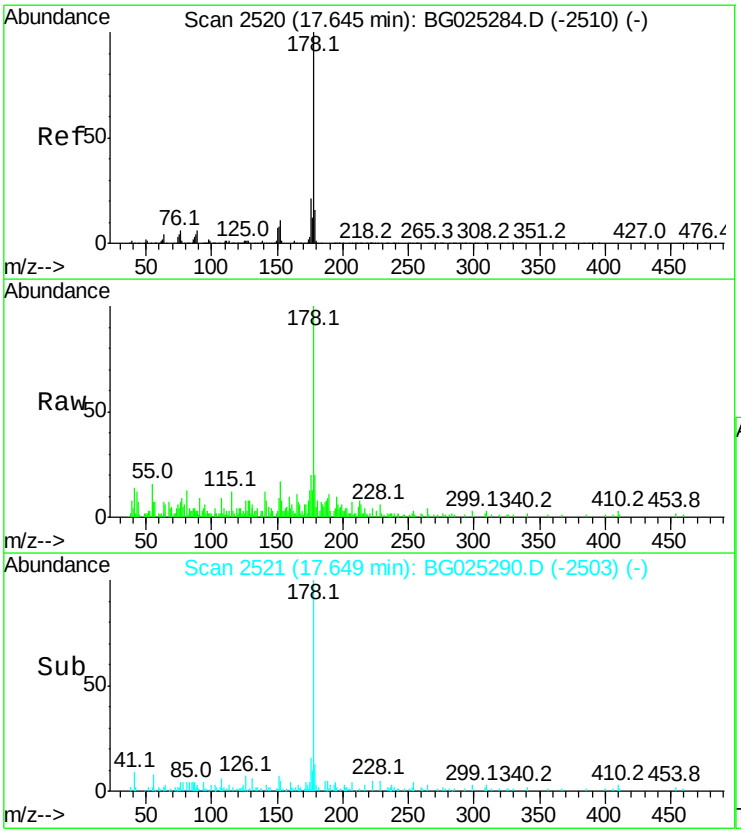
#58
Fluorene
Concen: 3.67 ng/ul
RT: 15.90 min Scan# 2224
Delta R.T. 0.00 min
Lab File: BG025290.D
Acq: 18 Dec 2016 1:24

Instrument :
BNA_G
ClientSampleId :
DA824DL

Tgt Ion:166 Resp: 47906

Ion	Ratio	Lower	Upper
166	100		
165	85.6	79.7	119.5
167	20.5	11.4	17.2#





#69
Phenanthrene
Concen: 1.31 ng/ul
RT: 17.65 min Scan# 2521
Delta R.T. 0.00 min
Lab File: BG025290.D
Acq: 18 Dec 2016 1:24

Tgt Ion:178 Resp: 28334

Ion	Ratio	Lower	Upper
178	100		
179	19.7	12.4	18.6#
176	20.1	16.5	24.7