Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122815\
Data File : BG020579.D
Acq On : 29 Dec 2015 1:04
Operator : UM/SJ
Sample : G4847-02DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N68DL

Quant Time: Dec 29 05:10:22 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 29 05:04:12 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	12278	20.00	ng/ul	0.00
18) Naphthalene-d8	10.89	136	54056	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	43389	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.45	188	135861	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	186252	20.00	ng/ul	0.00
86) Perylene-d12	24.98	264	175803	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	7.23	99	372	0.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	1492	2.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	1779	2.35	ng/ul	0.01
13) 4-Methylphenol-d8	8.78	113	681	0.82	ng/ul	0.00
19) Nitrobenzene-d5	9.24	128	1133	2.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.97	143	1253	2.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.52	165	2220	2.38	ng/ul	0.01
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.10	166	12785	3.57	ng/ul	0.00
47) Acenaphthylene-d8	14.40	160	13781	3.33	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.69	176	12040	3.72	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	423	0.47	ng/ul	0.00
71) Anthracene-d10	17.55	188	23308	3.66	ng/ul	0.00
79) Pyrene-d10	19.84	212	28242	3.50	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.75	264	28106	3.16	ng/ul	-0.01
Target Compounds						Qvalue
28) Naphthalene	10.93	128	117069	40.74	ng/ul	99
30) 4-Chloroaniline	10.93	127	15518	14.45	ng/ul#	3
34) 2-Methylnaphthalene	12.54	142	12686	5.97	ng/ul	93
35) 1-Methylnaphthalene	12.76	142	6079	3.01	ng/ul#	94
50) Acenaphthene	14.77	153	12606	4.28	ng/ul	96
54) Dibenzofuran	15.10	168	9560	2.18	ng/ul	91
59) Fluorene	15.75	166	8039	2.26	ng/ul#	95
70) Phenanthrene	17.49	178	17499	2.31	ng/ul	98
72) Anthracene	17.49	178	17499	2.26	ng/ul	96

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

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Quant Title : SVOA CALIBRATION
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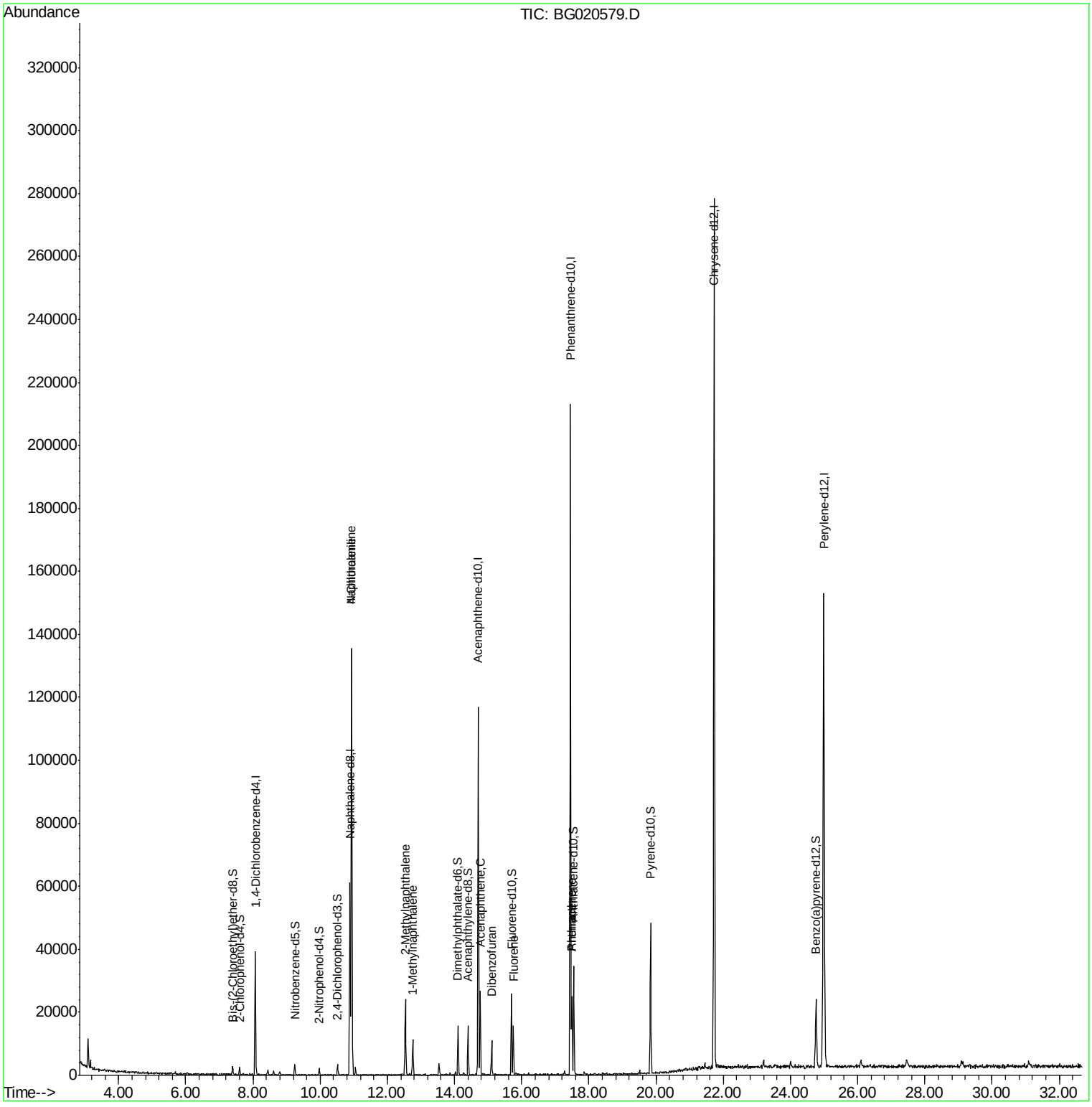
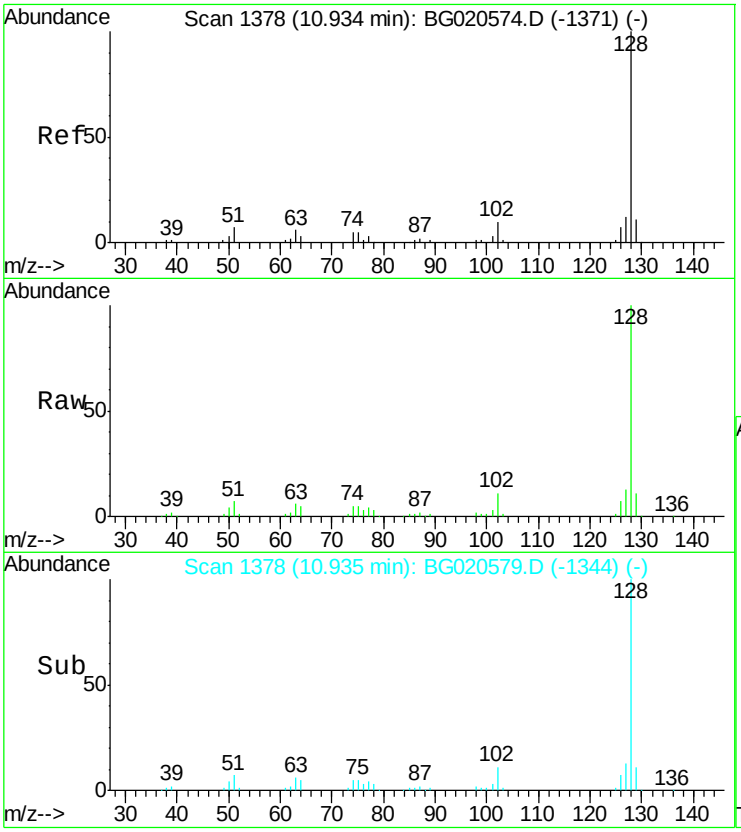


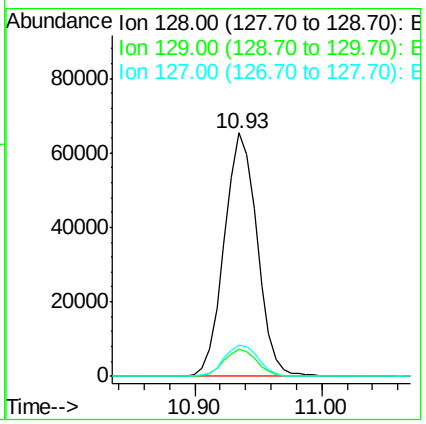


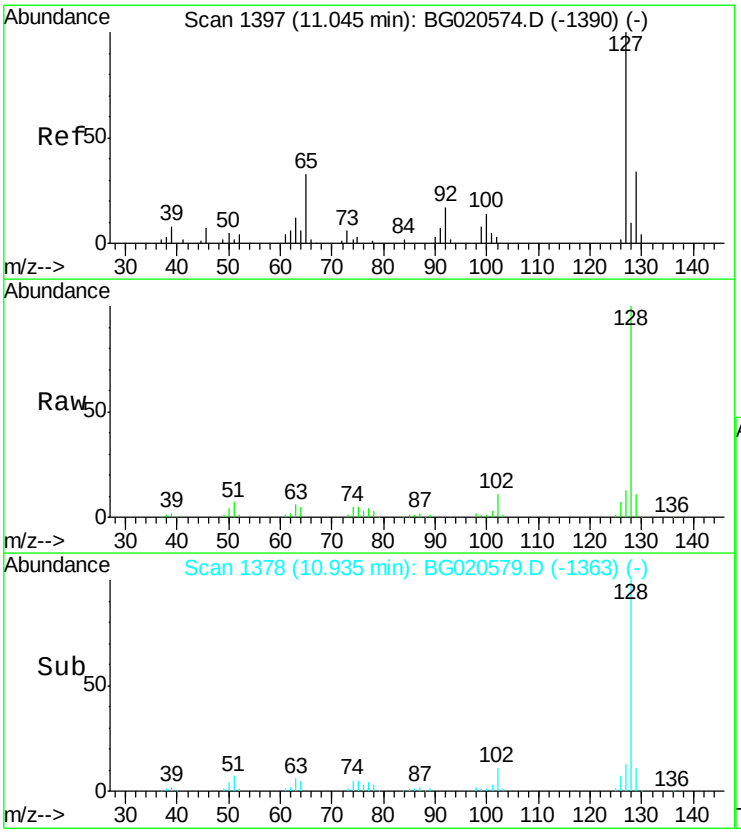
#28
Naphthalene
Concen: 40.74 ng/ul
RT: 10.93 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BG020579.D
Acq: 29 Dec 2015 1:04

Instrument :
BNA_G
ClientSampleId :
D9N68DL

Tgt Ion:128 Resp: 117069

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.6	12.8
127	13.0	10.1	15.1

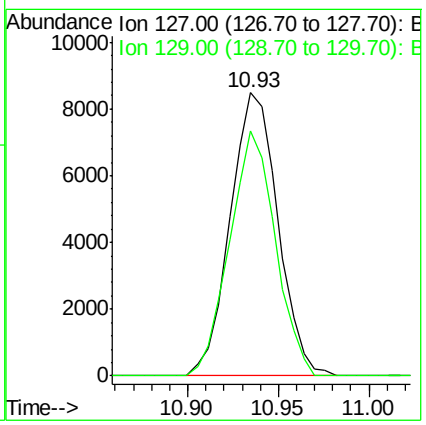


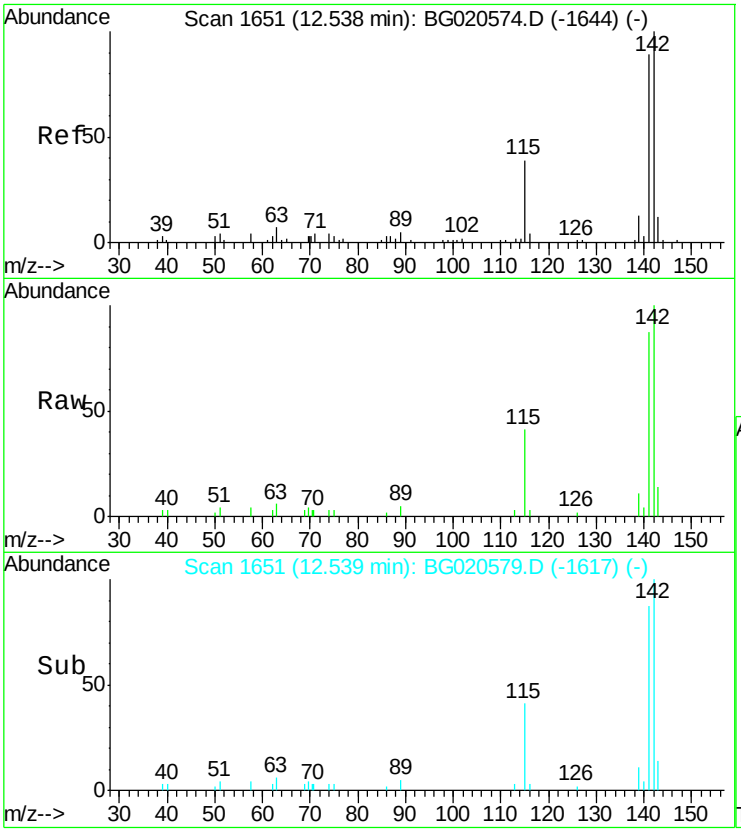


#30
4-Chloroaniline
Concen: 14.45 ng/ul
RT: 10.93 min Scan# 1378
Delta R.T. -0.11 min
Lab File: BG020579.D
Acq: 29 Dec 2015 1:04

Tgt Ion:127 Resp: 15518

Ion	Ratio	Lower	Upper
127	100		
129	86.4	25.7	38.5#



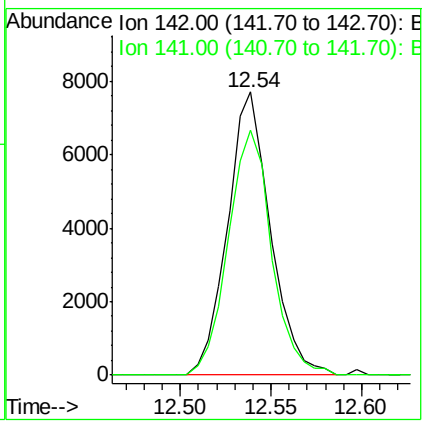


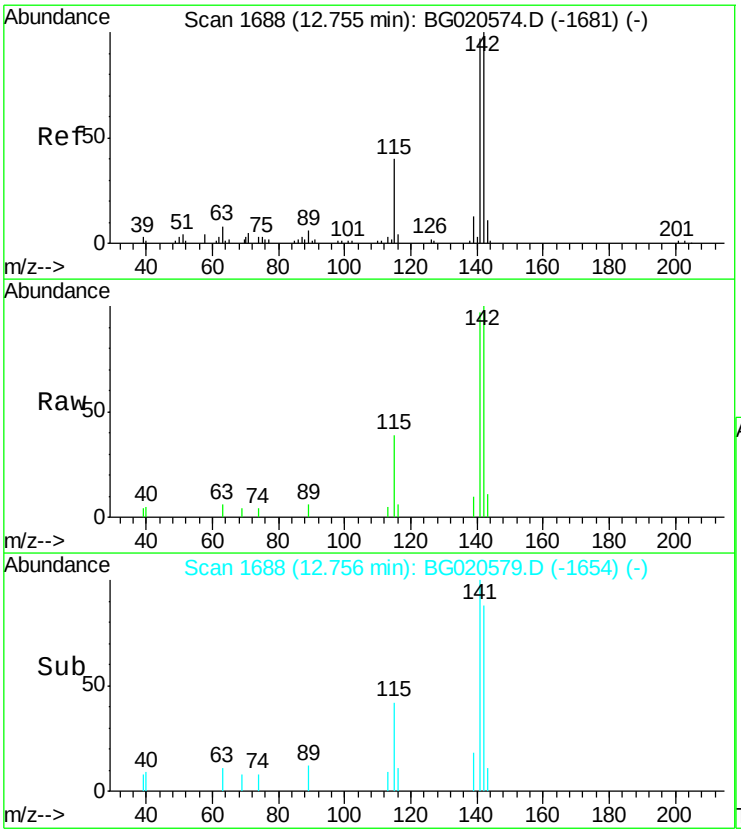
#34
2-Methylnaphthalene
Concen: 5.97 ng/ul
RT: 12.54 min Scan# 1651
Delta R.T. 0.00 min
Lab File: BG020579.D
Acq: 29 Dec 2015 1:04

Instrument :
BNA_G
ClientSampleId :
D9N68DL

Tgt Ion:142 Resp: 12686

Ion	Ratio	Lower	Upper
142	100		
141	86.6	74.9	112.3

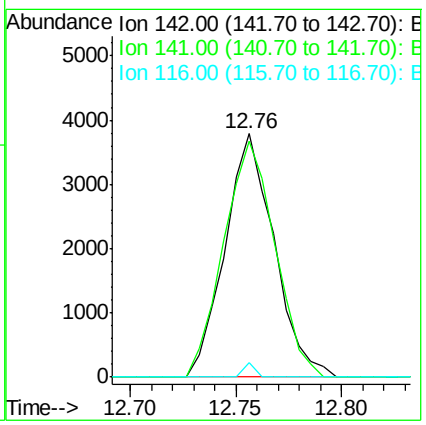


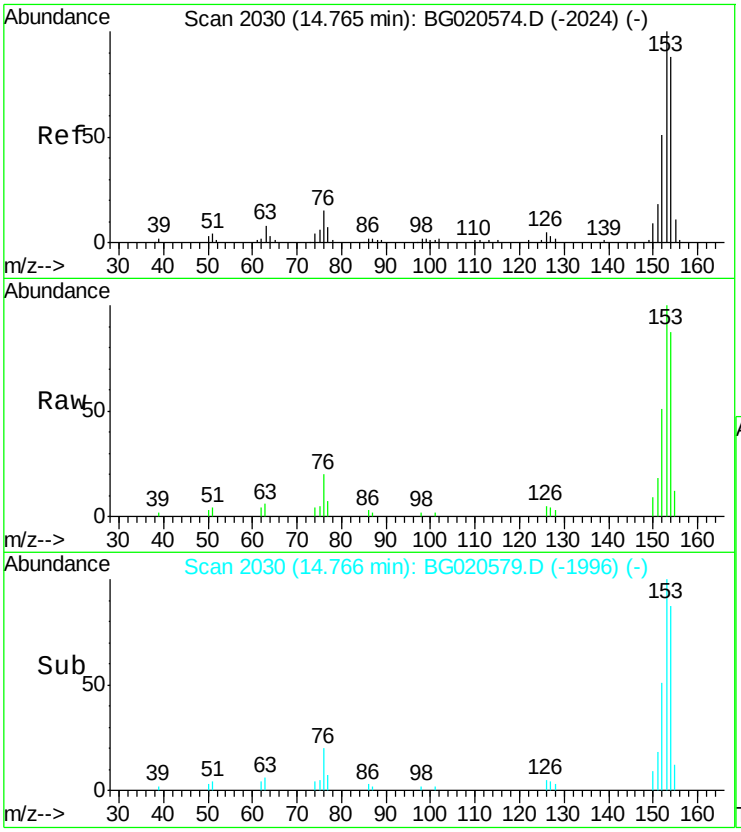


#35
1-Methylnaphthalene
Concen: 3.01 ng/ul
RT: 12.76 min Scan# 1688
Delta R.T. 0.00 min
Lab File: BG020579.D
Acq: 29 Dec 2015 1:04

Tgt Ion:142 Resp: 6079

Ion	Ratio	Lower	Upper
142	100		
141	96.7	73.0	109.6
116	6.1	3.0	4.6#



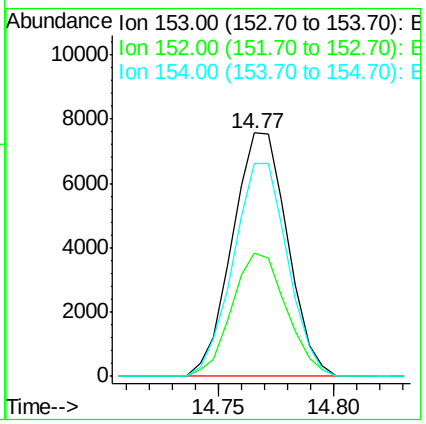


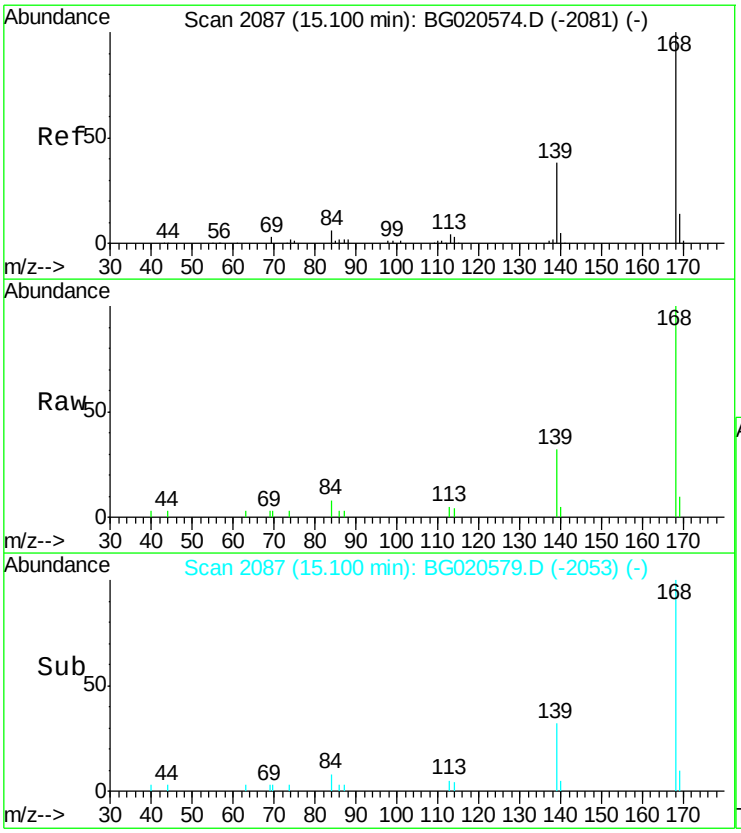
#50
Acenaphthene
Concen: 4.28 ng/ul
RT: 14.77 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BG020579.D
Acq: 29 Dec 2015 1:04

Instrument :
BNA_G
ClientSampleId :
D9N68DL

Tgt Ion:153 Resp: 12606

Ion	Ratio	Lower	Upper
153	100		
152	50.9	37.6	56.4
154	87.3	67.9	101.9

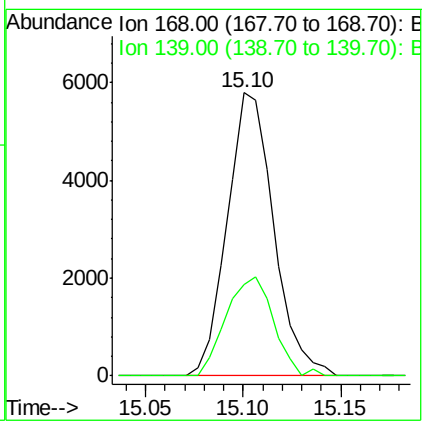


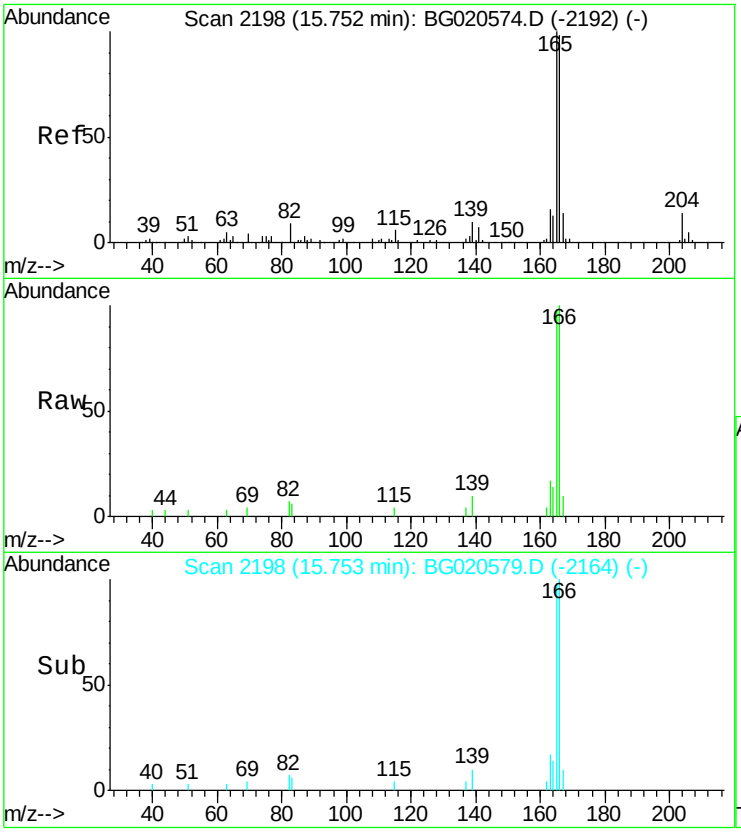


#54
Dibenzofuran
Concen: 2.18 ng/ul
RT: 15.10 min Scan# 2087
Delta R.T. 0.00 min
Lab File: BG020579.D
Acq: 29 Dec 2015 1:04

Tgt Ion:168 Resp: 9560

Ion	Ratio	Lower	Upper
168	100		
139	32.4	30.5	45.7



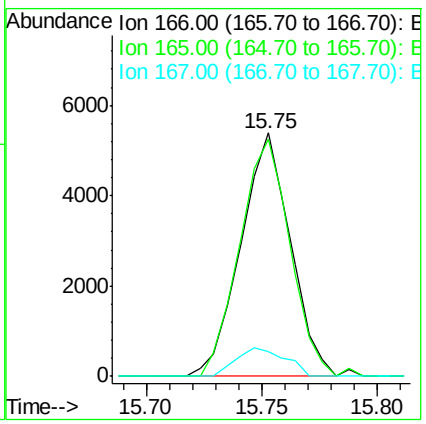


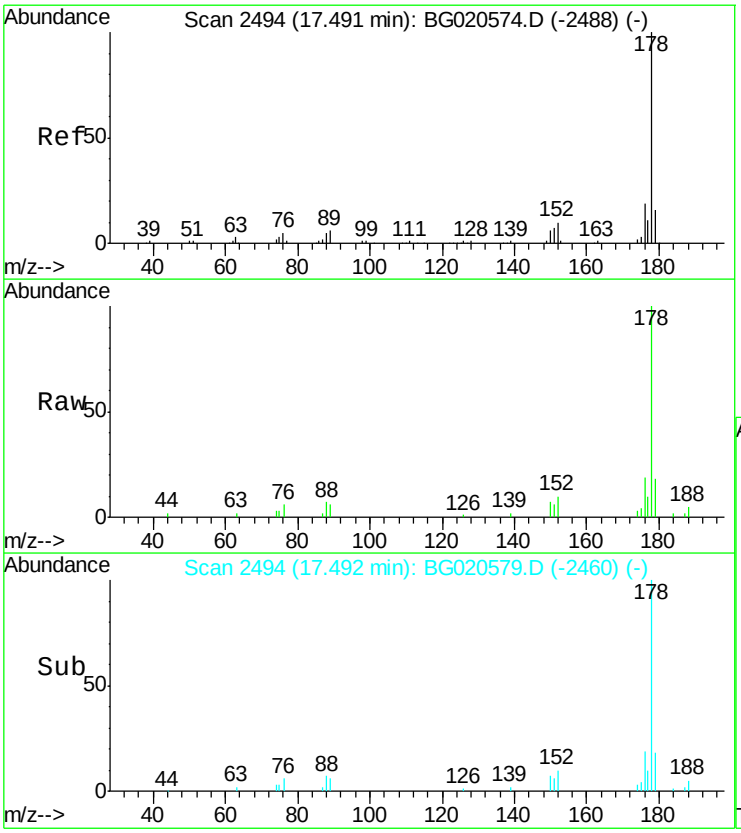
#59
Fluorene
Concen: 2.26 ng/ul
RT: 15.75 min Scan# 2198
Delta R.T. 0.00 min
Lab File: BG020579.D
Acq: 29 Dec 2015 1:04

Instrument :
BNA_G
ClientSampleId :
D9N68DL

Tgt Ion:166 Resp: 8039

Ion	Ratio	Lower	Upper
166	100		
165	97.6	81.4	122.0
167	10.2	11.2	16.8#

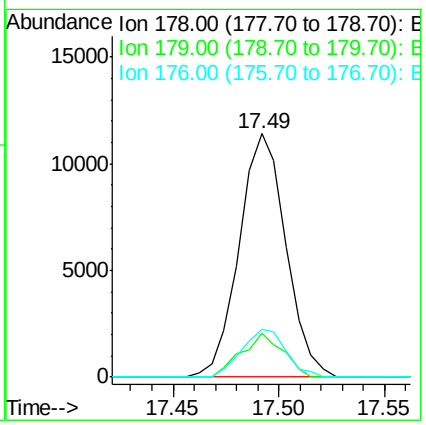


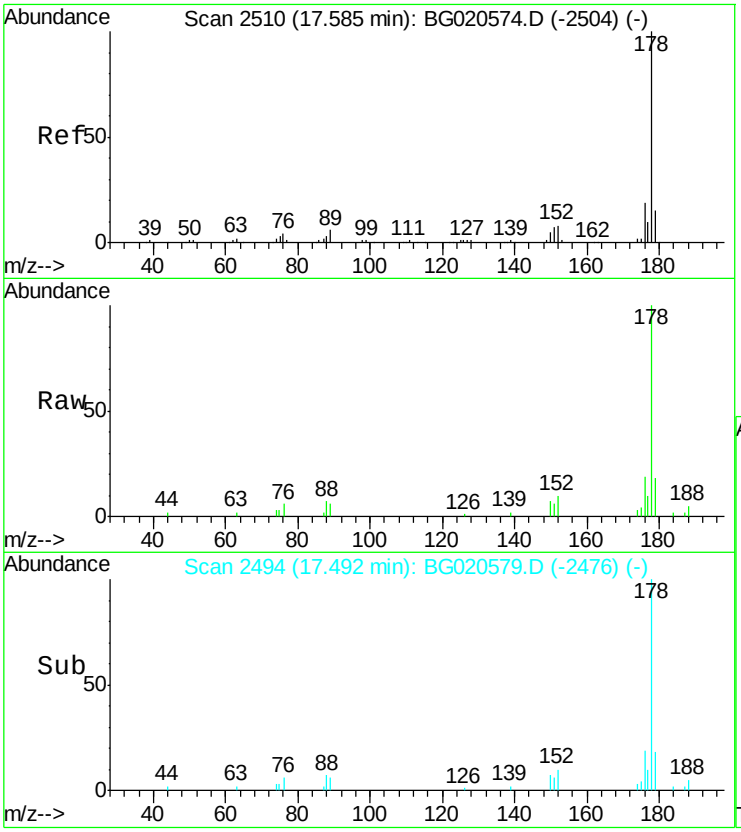


#70
Phenanthrene
Concen: 2.31 ng/ul
RT: 17.49 min Scan# 2494
Delta R.T. 0.00 min
Lab File: BG020579.D
Acq: 29 Dec 2015 1:04

Tgt Ion:178 Resp: 17499

Ion	Ratio	Lower	Upper
178	100		
179	17.8	12.9	19.3
176	19.4	15.3	22.9





#72
Anthracene
Concen: 2.26 ng/ul
RT: 17.49 min Scan# 2494
Delta R.T. -0.09 min
Lab File: BG020579.D
Acq: 29 Dec 2015 1:04

Instrument :
BNA_G
ClientSampleId :
D9N68DL

Tgt Ion:178 Resp: 17499

Ion	Ratio	Lower	Upper
178	100		
179	17.8	12.3	18.5
176	19.4	14.3	21.5