Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
Data File : BG020549.D
Acq On : 27 Dec 2015 10:42
Operator : UM/SJ
Sample : G4846-13
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N59

Quant Time: Dec 28 02:49:57 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 28 02:38:20 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	20110	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	88652	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.72	164	61594	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	152765	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	186837	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	163914	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.44	96	525	1.44	ng/uL	0.00
5) Phenol-d5	7.23	99	13209	8.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	35732	37.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	38272	30.92	ng/ul	0.00
13) 4-Methylphenol-d8	8.78	113	26169	19.27	ng/ul	0.00
19) Nitrobenzene-d5	9.25	128	25846	37.19	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	30327	38.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.52	165	50456	33.00	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	1456	0.83	ng/ul	0.02
44) Dimethylphthalate-d6	14.12	166	182420	35.93	ng/ul	0.00
47) Acenaphthylene-d8	14.41	160	205958	35.02	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	5900	6.97	ng/ul	0.00
58) Fluorene-d10	15.70	176	173895	37.88	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	27070	26.74	ng/ul	0.00
71) Anthracene-d10	17.56	188	275657	38.52	ng/ul	0.00
79) Pyrene-d10	19.84	212	320511	39.62	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	342338	41.31	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.99	128	4668955	990.73	ng/ul#	69
34) 2-Methylnaphthalene	12.56	142	874572	250.81	ng/ul	98
41) 1,1'-Biphenyl	13.55	154	258509	54.38	ng/ul	96
48) Acenaphthylene	14.44	152	118948	19.24	ng/ul	98
50) Acenaphthene	14.79	153	1002390	239.82	ng/ul	96
54) Dibenzofuran	15.12	168	868678	139.69	ng/ul	97
59) Fluorene	15.77	166	705264	139.95	ng/ul	98
70) Phenanthrene	17.51	178	1415044	166.48	ng/ul	94
72) Anthracene	17.59	178	88172	10.14	ng/ul	98
75) Carbazole	17.86	167	176232	24.06	ng/ul	98
77) Fluoranthene	19.51	202	241006	22.55	ng/ul	99
80) Pyrene	19.87	202	135565	12.83	ng/ul	98

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

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Instrument :
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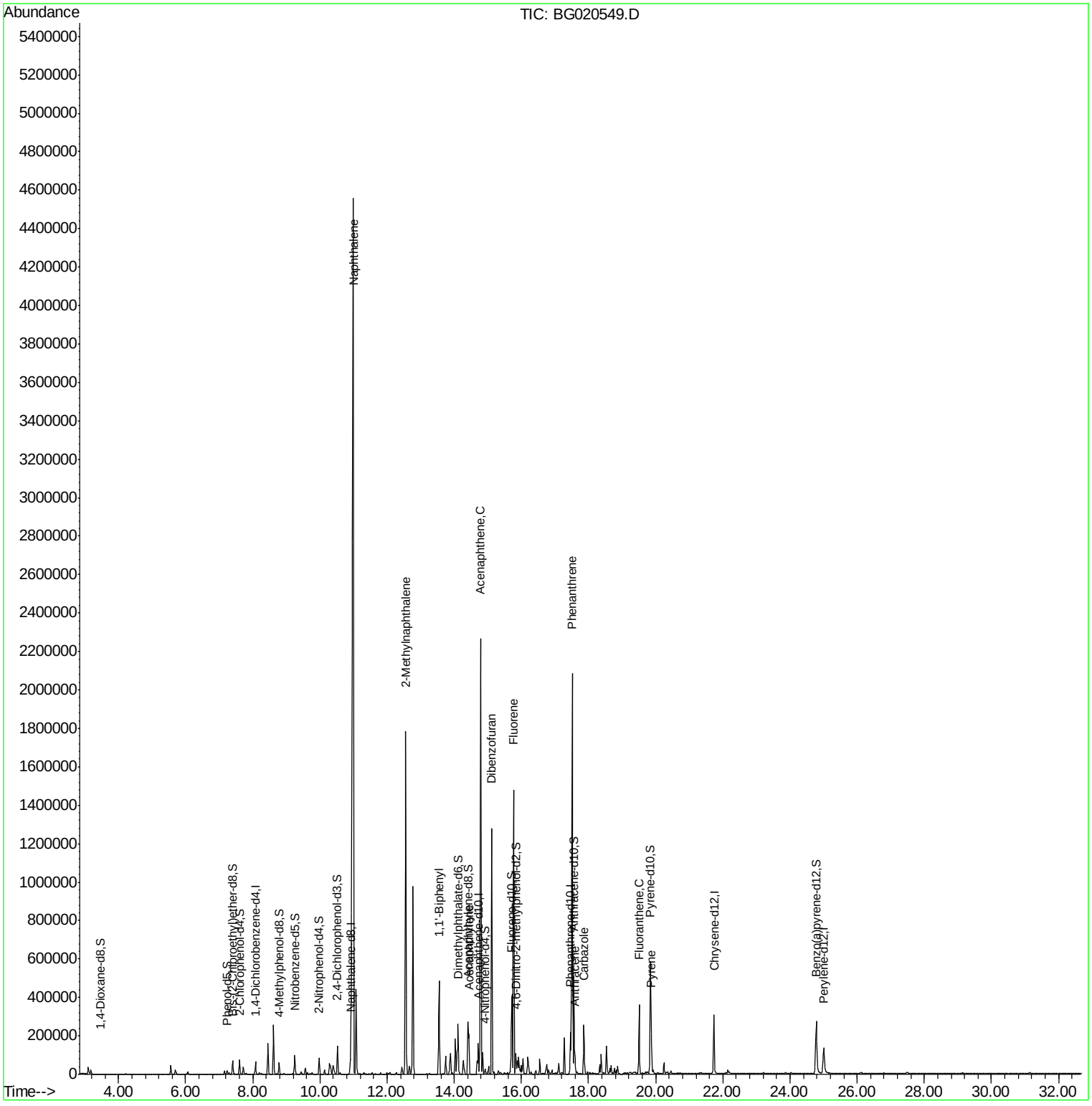
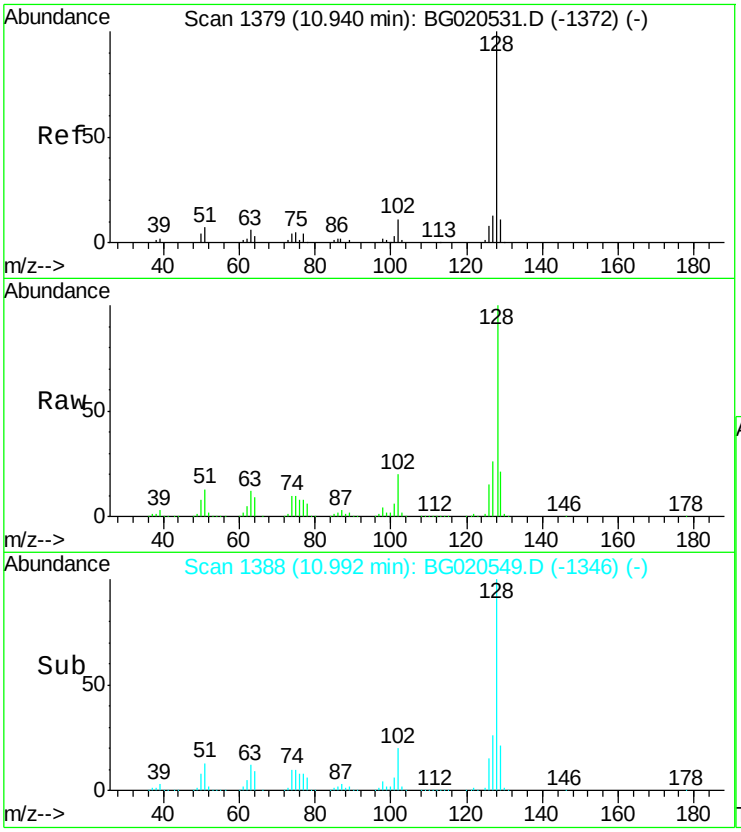


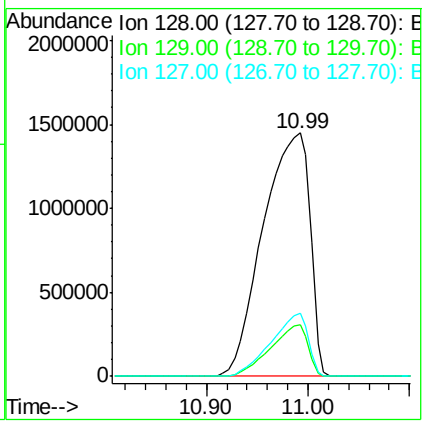


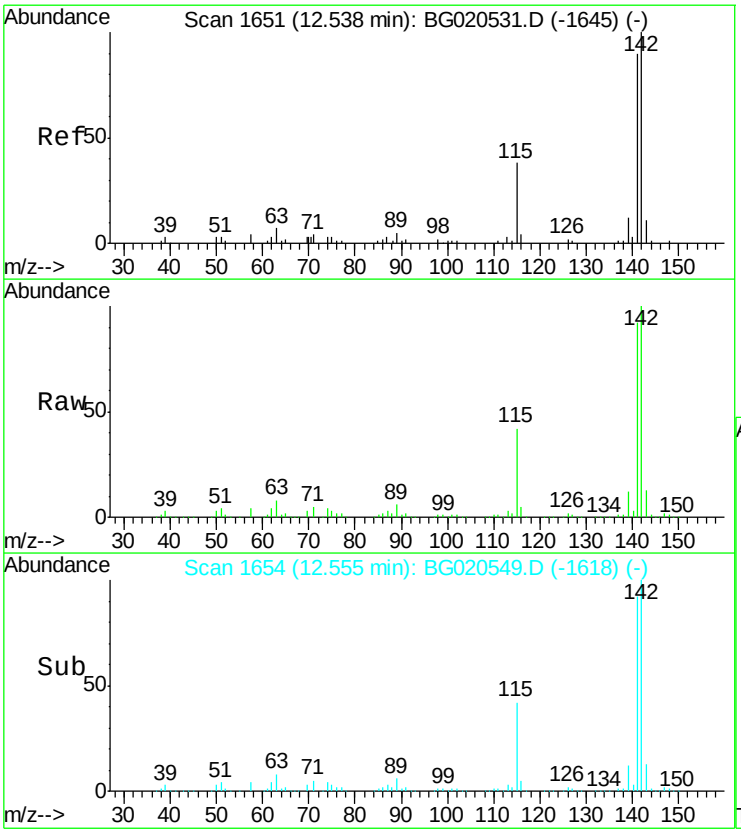
#28
Naphthalene
Concen: 990.73 ng/ul
RT: 10.99 min Scan# 1388
Delta R.T. 0.05 min
Lab File: BG020549.D
Acq: 27 Dec 2015 10:42

Instrument :
BNA_G
ClientSampleId :
D9N59

Tgt Ion:128 Resp: 4668955

Ion	Ratio	Lower	Upper
128	100		
129	21.0	8.6	12.8#
127	25.9	10.1	15.1#

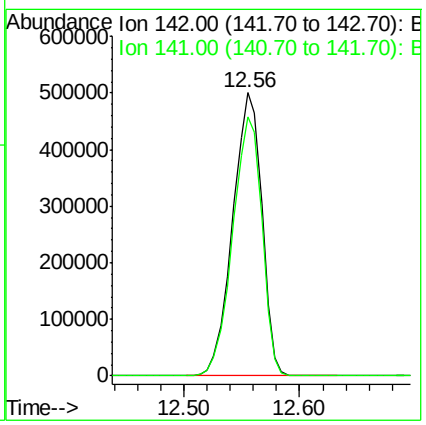


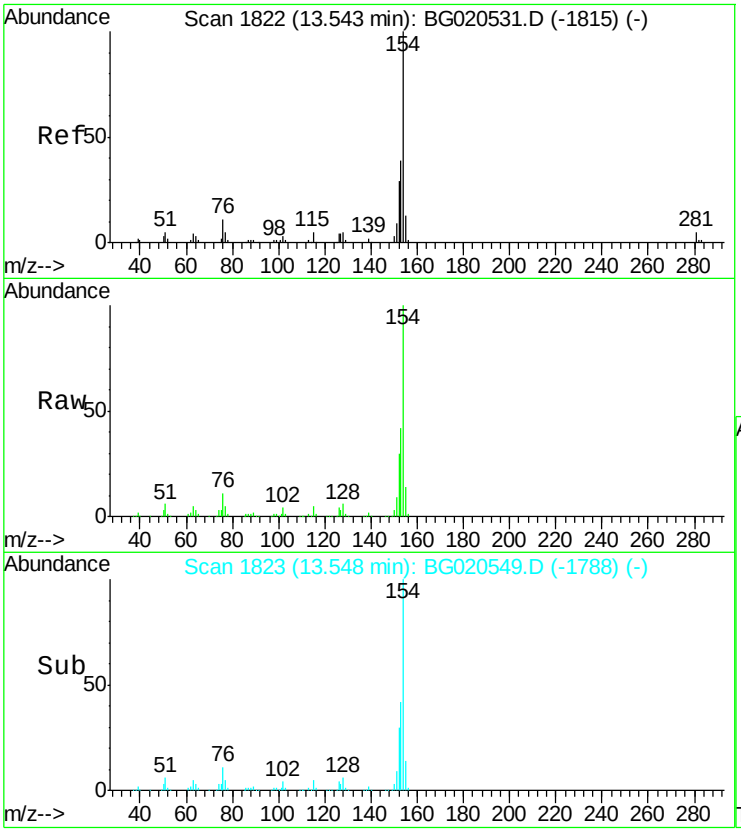


#34
2-Methylnaphthalene
Concen: 250.81 ng/ul
RT: 12.56 min Scan# 1654
Delta R.T. 0.01 min
Lab File: BG020549.D
Acq: 27 Dec 2015 10:42

Tgt Ion:142 Resp: 874572

Ion	Ratio	Lower	Upper
142	100		
141	91.5	74.9	112.3



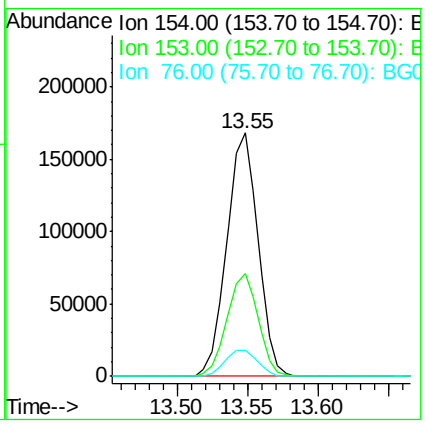


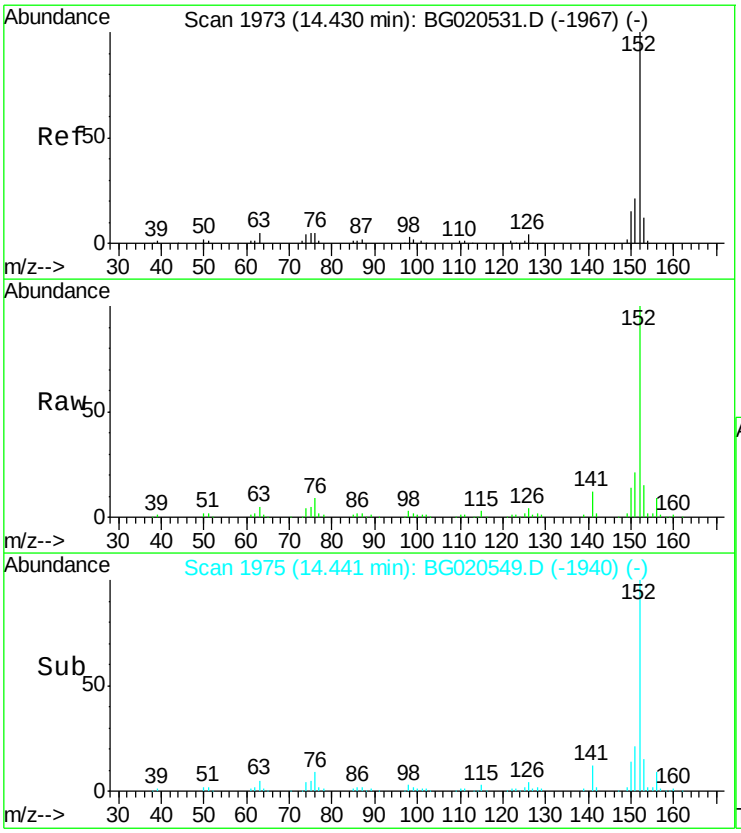
#41
1,1'-Biphenyl
Concen: 54.38 ng/ul
RT: 13.55 min Scan# 1823
Delta R.T. 0.00 min
Lab File: BG020549.D
Acq: 27 Dec 2015 10:42

Instrument :
BNA_G
ClientSampleId :
D9N59

Tgt Ion:154 Resp: 258509

Ion	Ratio	Lower	Upper
154	100		
153	42.3	35.5	53.3
76	10.6	10.4	15.6

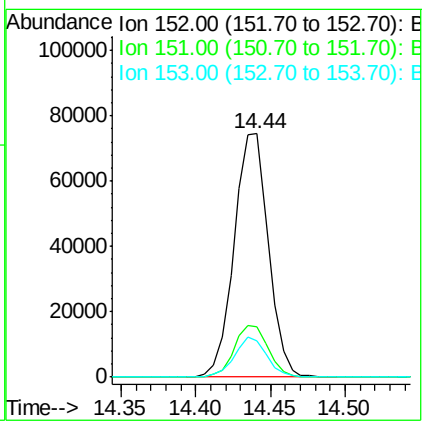


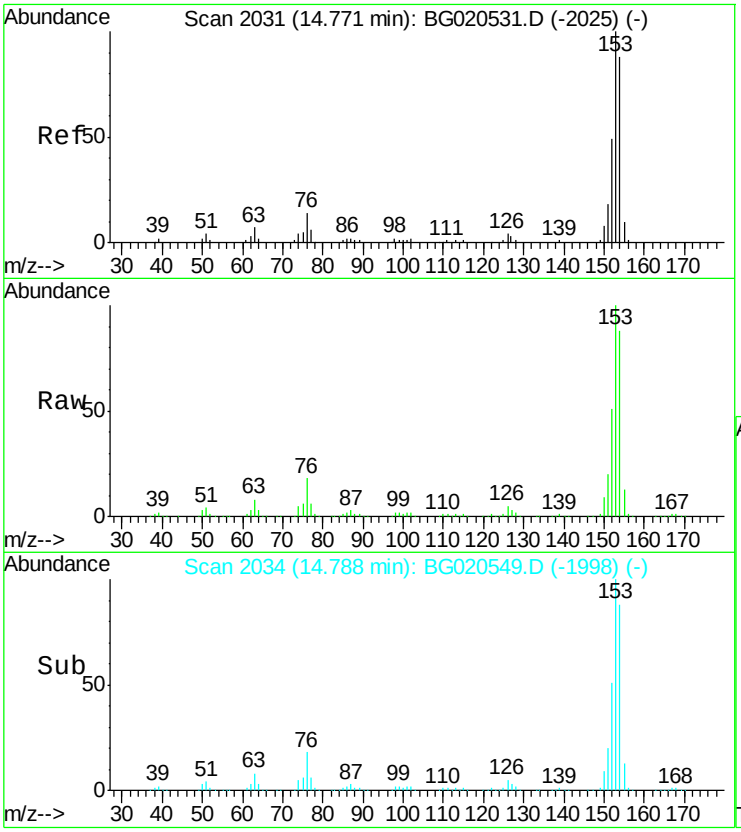


#48
Acenaphthylene
Concen: 19.24 ng/ul
RT: 14.44 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BG020549.D
Acq: 27 Dec 2015 10:42

Tgt Ion:152 Resp: 118948

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.4	24.6
153	15.1	10.4	15.6



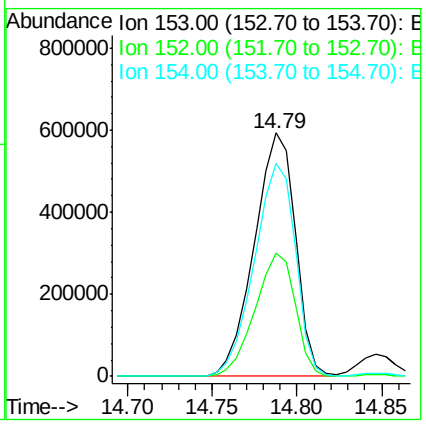


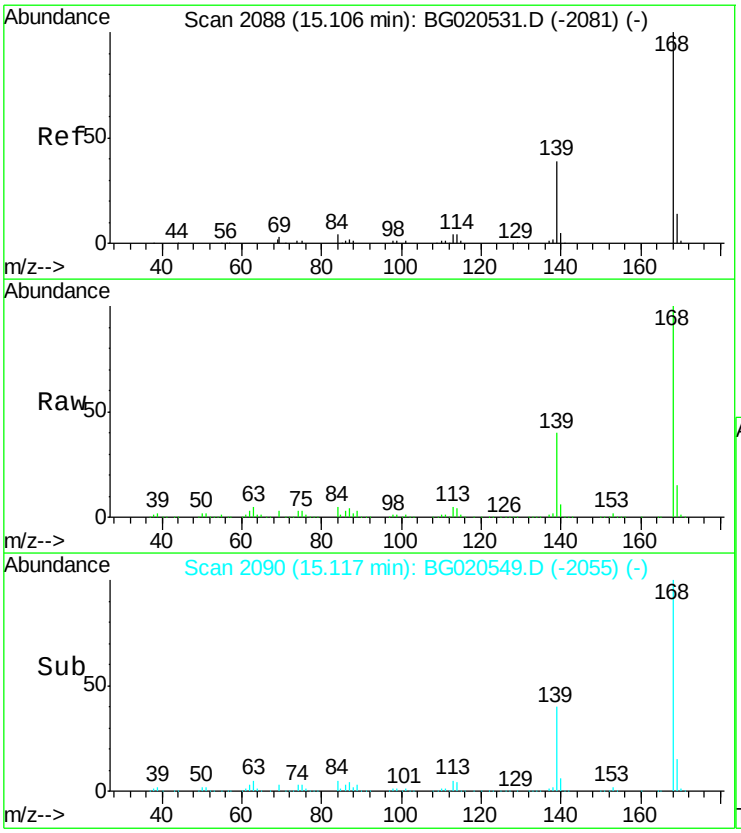
#50
Acenaphthene
Concen: 239.82 ng/ul
RT: 14.79 min Scan# 2034
Delta R.T. 0.01 min
Lab File: BG020549.D
Acq: 27 Dec 2015 10:42

Instrument :
BNA_G
ClientSampleId :
D9N59

Tgt Ion:153 Resp: 1002390

Ion	Ratio	Lower	Upper
153	100		
152	50.8	37.6	56.4
154	87.6	67.9	101.9

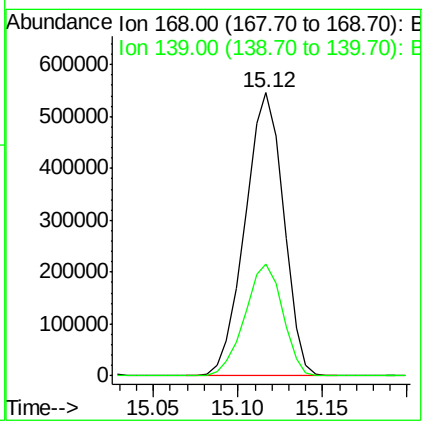


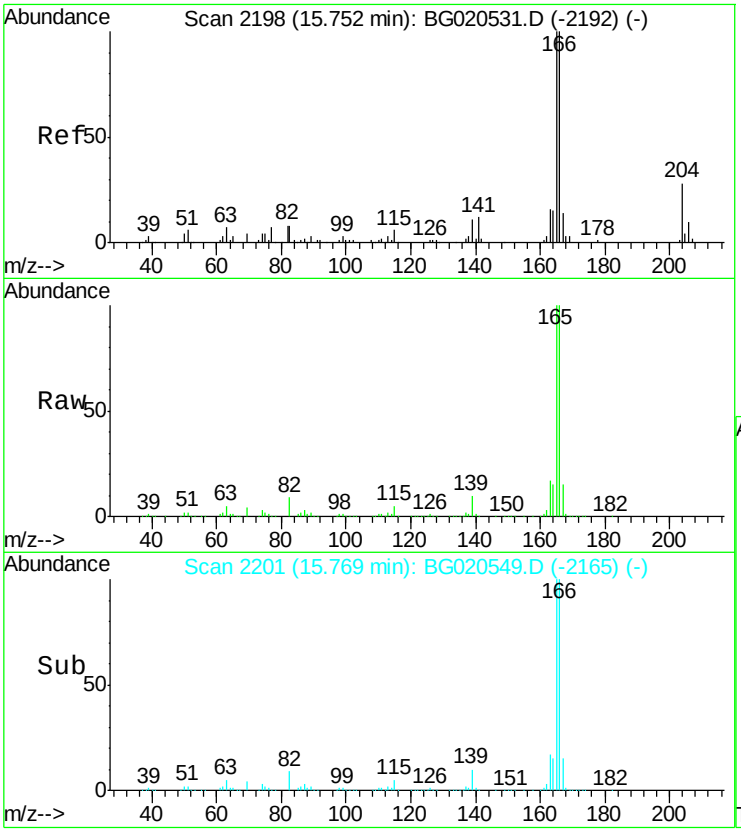


#54
Dibenzofuran
Concen: 139.69 ng/ul
RT: 15.12 min Scan# 2090
Delta R.T. 0.00 min
Lab File: BG020549.D
Acq: 27 Dec 2015 10:42

Tgt Ion:168 Resp: 868678

Ion	Ratio	Lower	Upper
168	100		
139	39.7	30.5	45.7



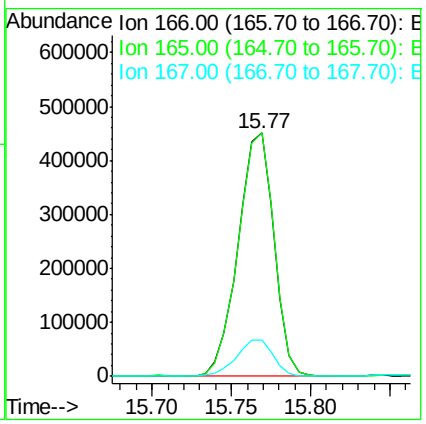


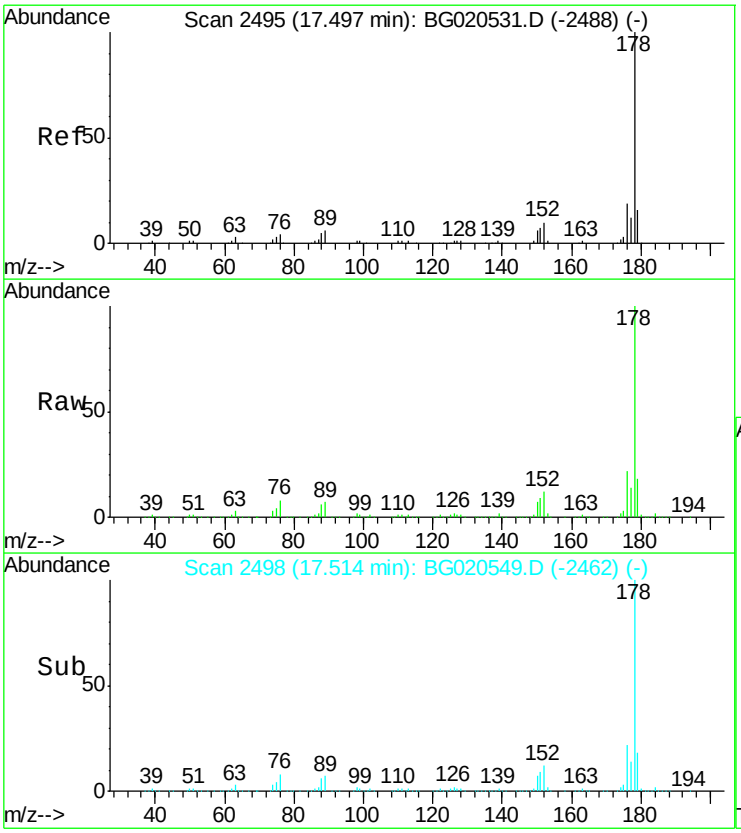
#59
Fluorene
Concen: 139.95 ng/ul
RT: 15.77 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BG020549.D
Acq: 27 Dec 2015 10:42

Instrument :
BNA_G
ClientSampleId :
D9N59

Tgt Ion:166 Resp: 705264

Ion	Ratio	Lower	Upper
166	100		
165	99.9	81.4	122.0
167	15.1	11.2	16.8

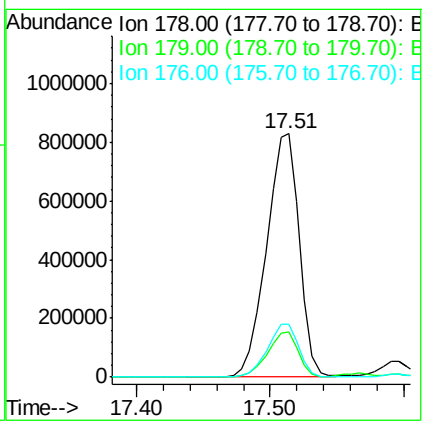


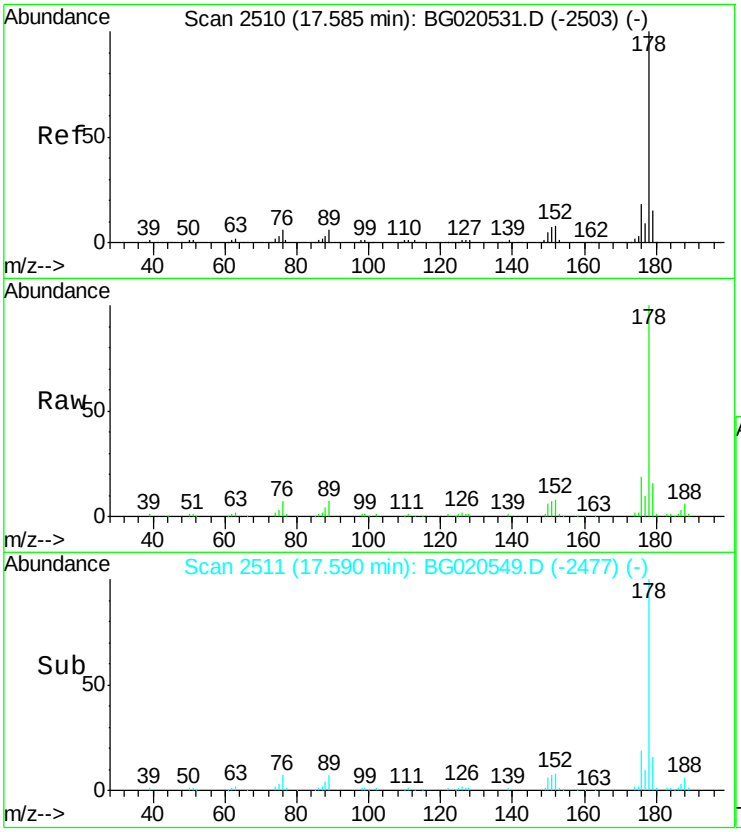


#70
Phenanthrene
Concen: 166.48 ng/ul
RT: 17.51 min Scan# 2498
Delta R.T. 0.01 min
Lab File: BG020549.D
Acq: 27 Dec 2015 10:42

Tgt Ion:178 Resp: 1415044

Ion	Ratio	Lower	Upper
178	100		
179	18.4	12.9	19.3
176	22.0	15.3	22.9



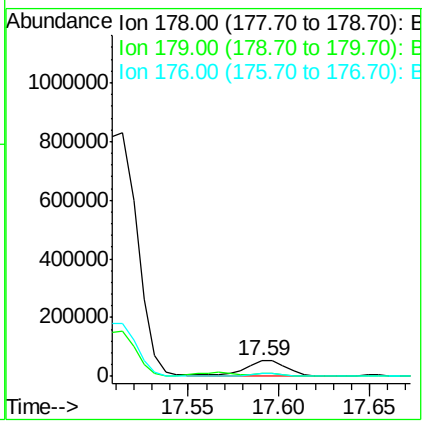


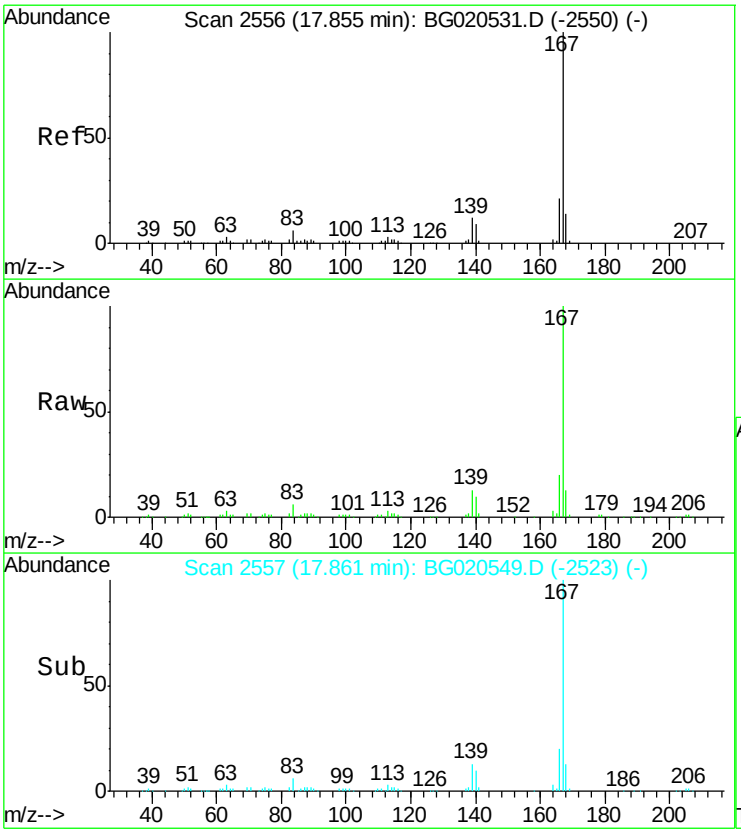
#72
Anthracene
Concen: 10.14 ng/ul
RT: 17.59 min Scan# 2511
Delta R.T. -0.00 min
Lab File: BG020549.D
Acq: 27 Dec 2015 10:42

Instrument :
BNA_G
ClientSampleId :
D9N59

Tgt Ion:178 Resp: 88172

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.3	18.5
176	18.9	14.3	21.5

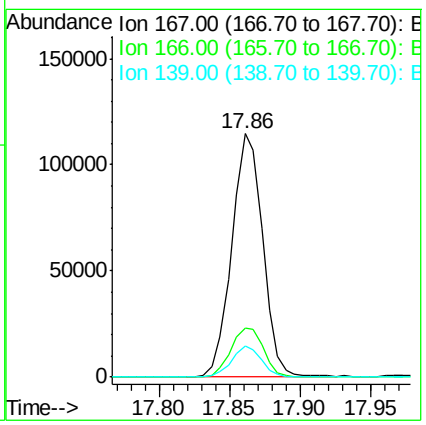


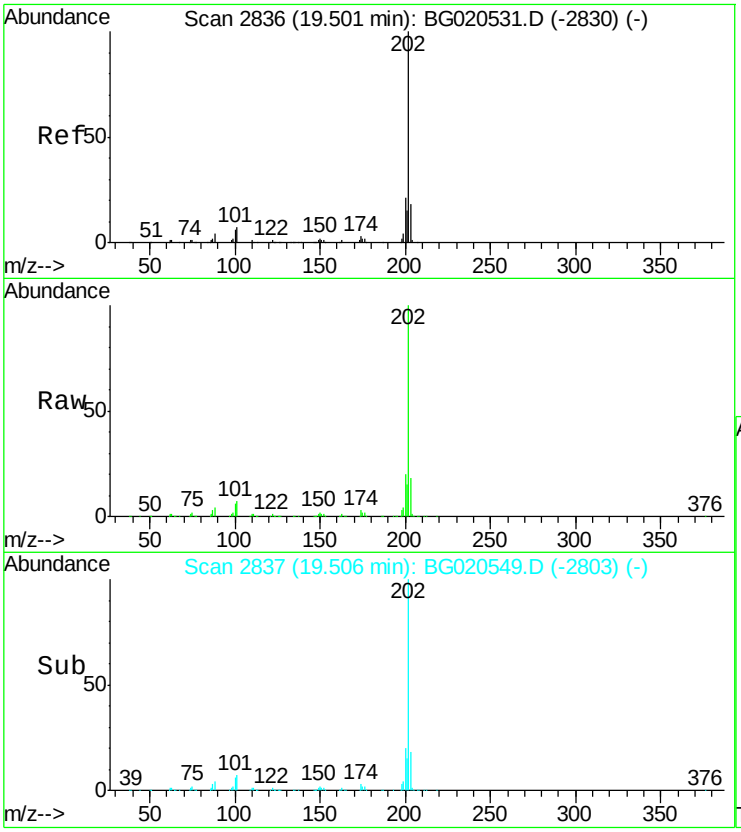


#75
Carbazole
Concen: 24.06 ng/ul
RT: 17.86 min Scan# 2557
Delta R.T. -0.00 min
Lab File: BG020549.D
Acq: 27 Dec 2015 10:42

Tgt Ion:167 Resp: 176232

Ion	Ratio	Lower	Upper
167	100		
166	20.3	17.0	25.6
139	12.8	10.1	15.1



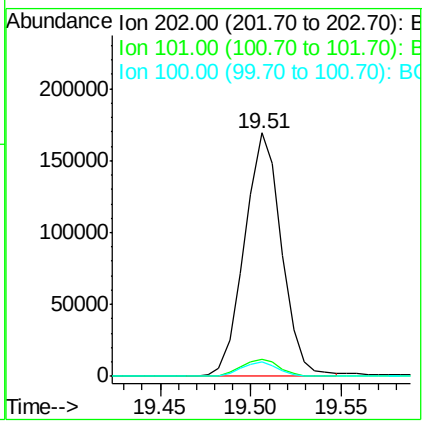


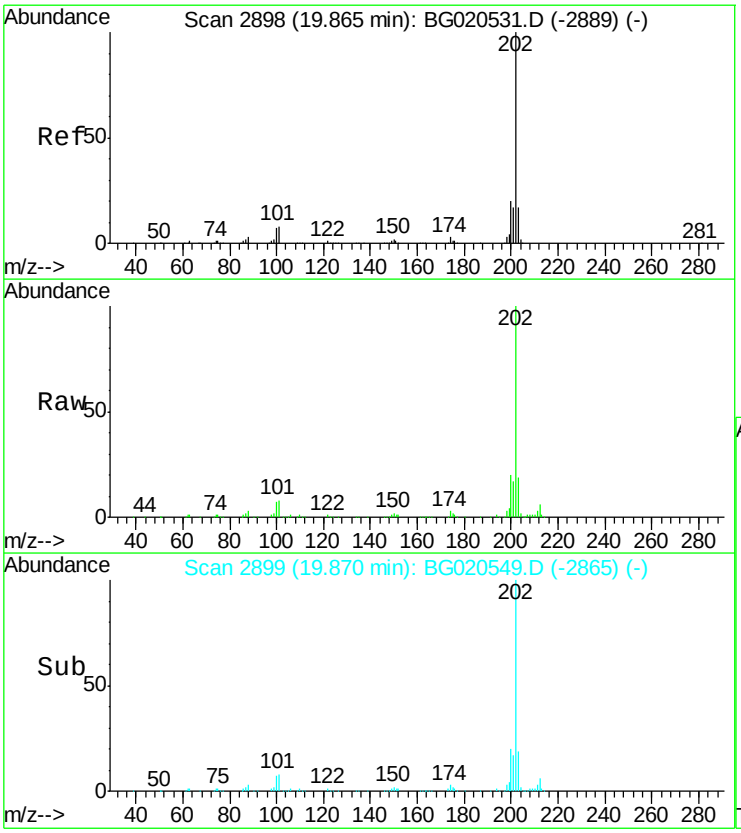
#77
Fluoranthene
Concen: 22.55 ng/ul
RT: 19.51 min Scan# 2837
Delta R.T. -0.00 min
Lab File: BG020549.D
Acq: 27 Dec 2015 10:42

Instrument :
BNA_G
ClientSampleId :
D9N59

Tgt Ion:202 Resp: 241006

Ion	Ratio	Lower	Upper
202	100		
101	7.2	6.2	9.4
100	6.2	5.1	7.7





#80
Pyrene
Concen: 12.83 ng/ul
RT: 19.87 min Scan# 2899
Delta R.T. -0.00 min
Lab File: BG020549.D
Acq: 27 Dec 2015 10:42

Tgt Ion:202 Resp: 135565

Ion	Ratio	Lower	Upper
202	100		
101	7.9	7.0	10.4
100	7.1	6.4	9.6