Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122015\
Data File : BG020367.D
Acq On : 21 Dec 2015 7:04
Operator : UM/SJ
Sample : G4848-15
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N61

Quant Time: Dec 21 07:50:02 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 21 07:46:34 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	21576	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	92286	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	66107	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	149398	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	188594	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	179443	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.46	96	1208	3.09	ng/uL	0.00
5) Phenol-d5	7.25	99	33981	17.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	22882	20.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	28306	20.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	29909	18.38	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	15803	21.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	17937	22.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	31764	19.59	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	41177	22.61	ng/ul	0.00
44) Dimethylphthalate-d6	14.12	166	109211	20.42	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	130502	20.98	ng/ul	0.00
52) 4-Nitrophenol-d4	14.93	143	13587	14.17	ng/ul	0.00
58) Fluorene-d10	15.72	176	99645	20.55	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.85	200	12458	14.07	ng/ul	0.01
71) Anthracene-d10	17.58	188	150211	21.82	ng/ul	0.00
79) Pyrene-d10	19.85	212	178988	20.36	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	201063	22.46	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.97	128	1626943	337.59	ng/ul#	93
30) 4-Chloroaniline	10.97	127	242707	130.54	ng/ul#	10
34) 2-Methylnaphthalene	12.57	142	578635	157.19	ng/ul	98
35) 1-Methylnaphthalene	12.78	142	290153	81.99	ng/ul#	96
41) 1,1'-Biphenyl	13.56	154	270161	54.17	ng/ul	97
45) Dimethylphthalate	14.17	163	34471	6.31	ng/ul#	98
48) Acenaphthylene	14.45	152	60630	9.17	ng/ul#	94
50) Acenaphthene	14.80	153	1120278	251.92	ng/ul	96
53) 4-Nitrophenol	14.80	109	2601	2.82	ng/ul#	1
54) Dibenzofuran	15.13	168	1134379	171.48	ng/ul	94
55) 2,4-Dinitrotoluene	15.07	165	2116	1.28	ng/ul#	43
59) Fluorene	15.78	166	1049590	197.58	ng/ul	99
61) 4-Nitroaniline	15.78	138	13987	11.80	ng/ul#	13
65) N-Nitrosodiphenylamine	15.97	169	5342	1.29	ng/ul#	1
70) Phenanthrene	17.61	178	352964	43.19	ng/ul	100
72) Anthracene	17.61	178	352964	42.59	ng/ul	98
75) Carbazole	17.87	167	225123	32.33	ng/ul	100
77) Fluoranthene	19.54	202	2554106	267.43	ng/ul#	88
80) Pyrene	19.89	202	1963660	172.03	ng/ul#	94
83) Benzo(a)anthracene	21.73	228	568777	51.69	ng/ul	97
85) Chrysene	21.79	228	443343	42.78	ng/ul	98
88) Benzo(b)fluoranthene	23.98	252	278568	25.79	ng/ul	97
89) Benzo(k)fluoranthene	23.98	252	278568	26.88	ng/ul	99

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122015\
Data File : BG020367.D
Acq On : 21 Dec 2015 7:04
Operator : UM/SJ
Sample : G4848-15
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N61

Quant Time: Dec 21 07:50:02 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 21 07:46:34 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Benzo(a)pyrene	24.86	252	158625	15.49	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.75	276	43305	3.55	ng/ul	97
93) Dibenzo(a,h)anthracene	28.79	278	12268	1.21	ng/ul	99
94) Benzo(g,h,i)perylene	29.91	276	32604	3.26	ng/ul#	93

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122015\
Data File : BG020367.D
Acq On : 21 Dec 2015 7:04
Operator : UM/SJ
Sample : G4848-15
Misc :
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Instrument : BNA_G
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Quant Time: Dec 21 07:50:02 2015
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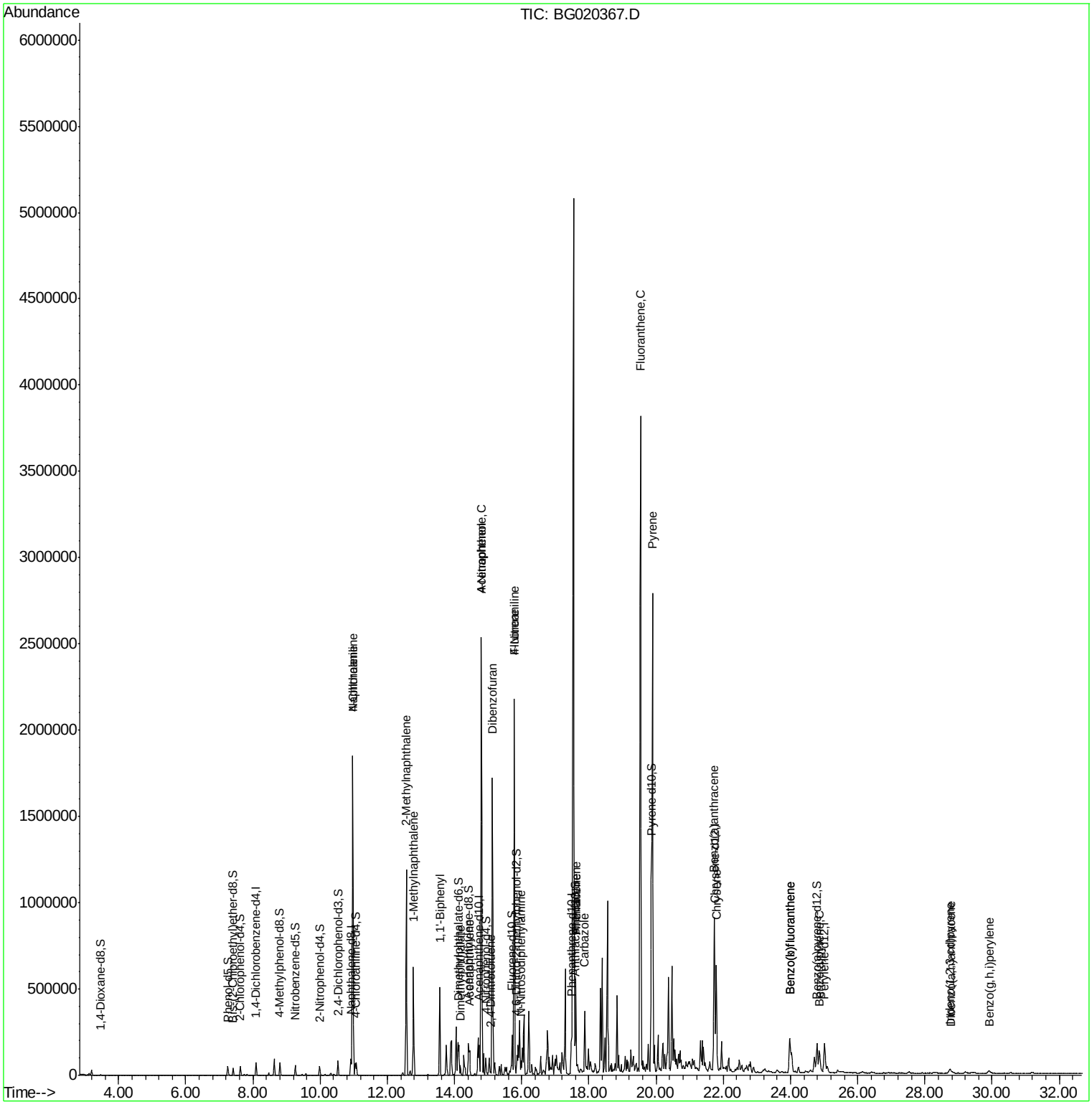
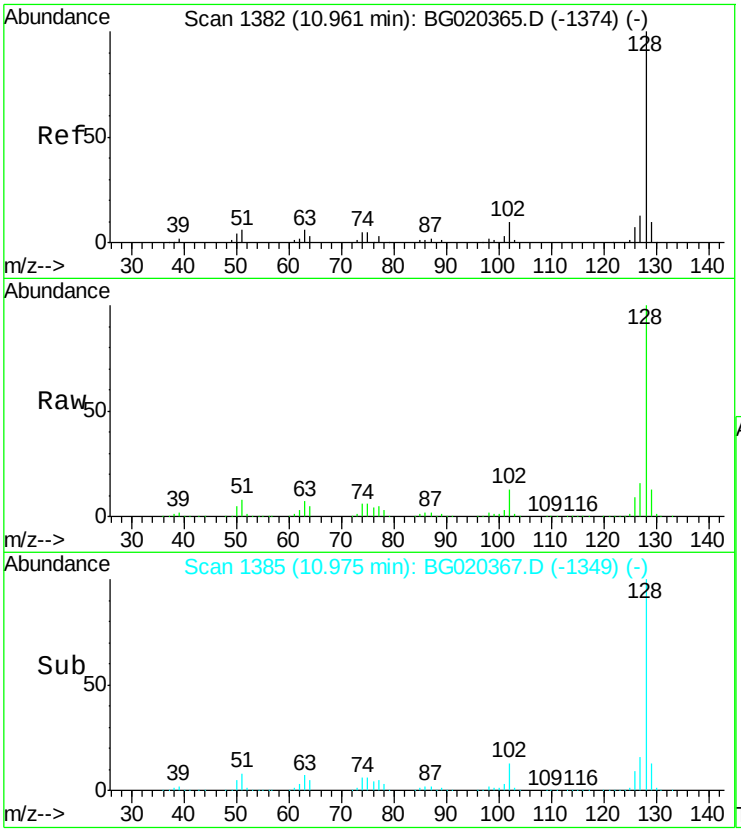
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 21 07:46:34 2015
Response via : Initial Calibration



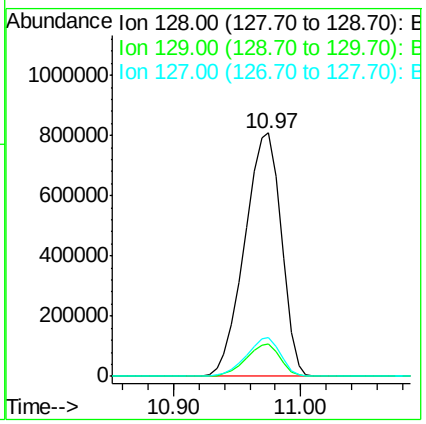


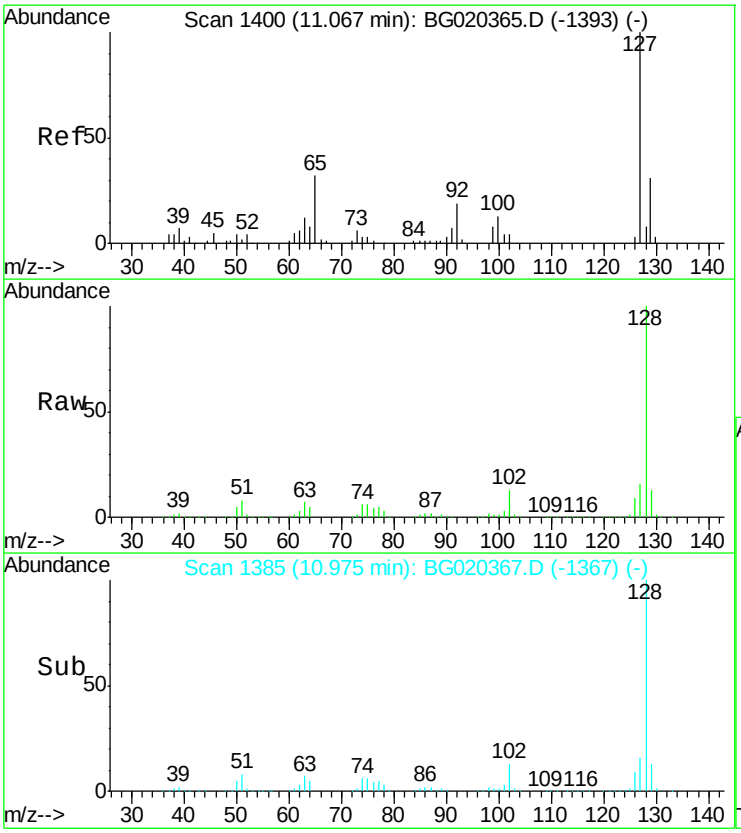
#28
Naphthalene
Concen: 337.59 ng/ul
RT: 10.97 min Scan# 1385
Delta R.T. 0.01 min
Lab File: BG020367.D
Acq: 21 Dec 2015 7:04

Instrument :
BNA_G
ClientSampleId :
D9N61

Tgt Ion:128 Resp: 1626943

Ion	Ratio	Lower	Upper
128	100		
129	13.1	8.6	12.8#
127	15.9	10.1	15.1#

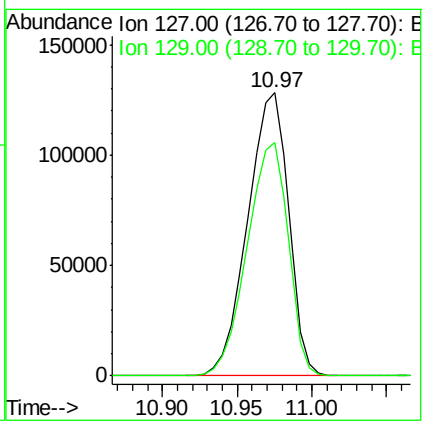


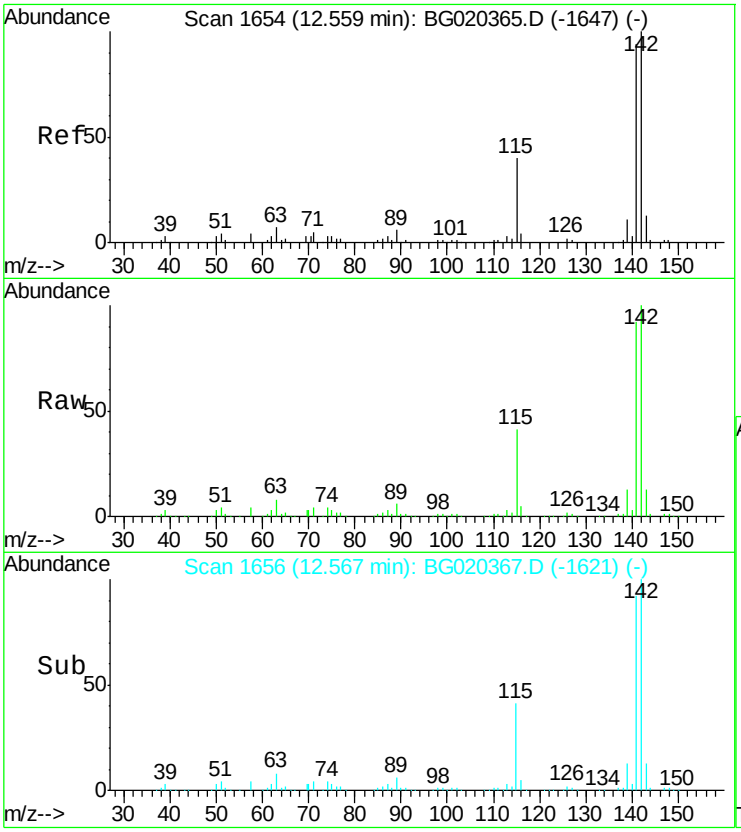


#30
4-Chloroaniline
Concen: 130.54 ng/ul
RT: 10.97 min Scan# 1385
Delta R.T. -0.09 min
Lab File: BG020367.D
Acq: 21 Dec 2015 7:04

Tgt Ion:127 Resp: 242707

Ion	Ratio	Lower	Upper
127	100		
129	82.5	25.7	38.5#



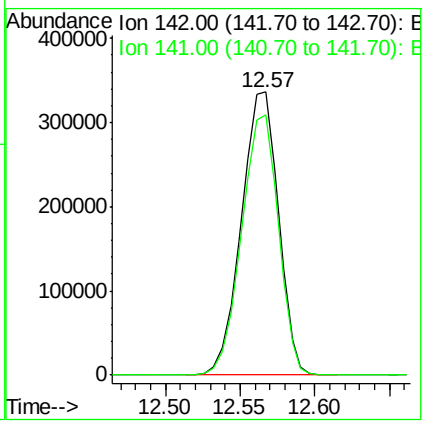


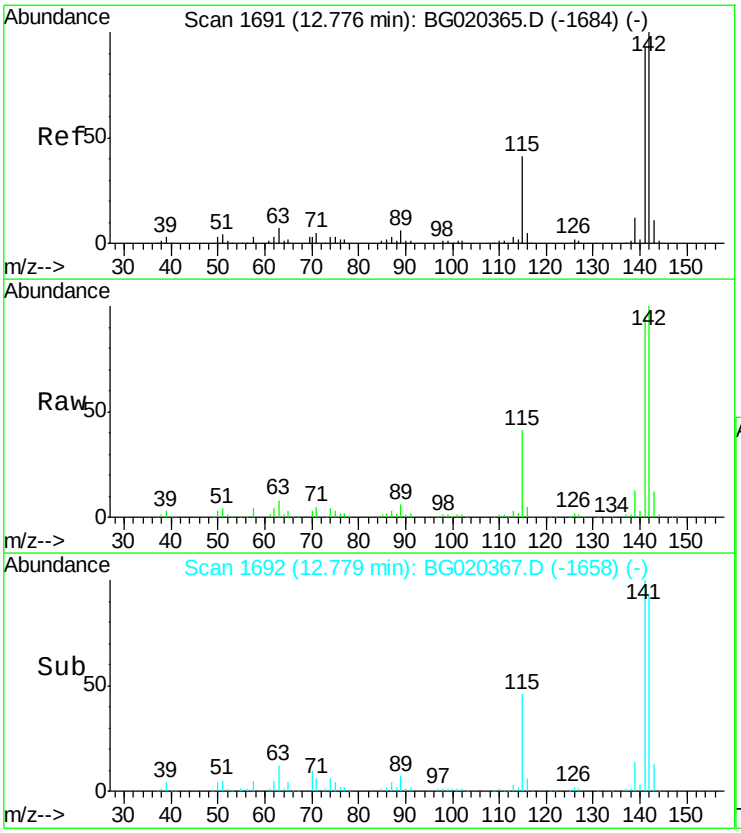
#34
2-Methylnaphthalene
Concen: 157.19 ng/ul
RT: 12.57 min Scan# 1656
Delta R.T. 0.01 min
Lab File: BG020367.D
Acq: 21 Dec 2015 7:04

Instrument :
BNA_G
ClientSampleId :
D9N61

Tgt Ion:142 Resp: 578635

Ion	Ratio	Lower	Upper
142	100		
141	92.0	74.9	112.3

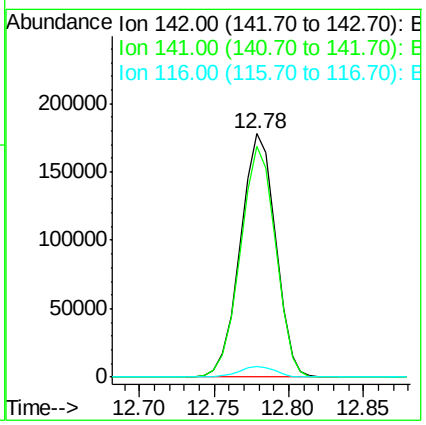


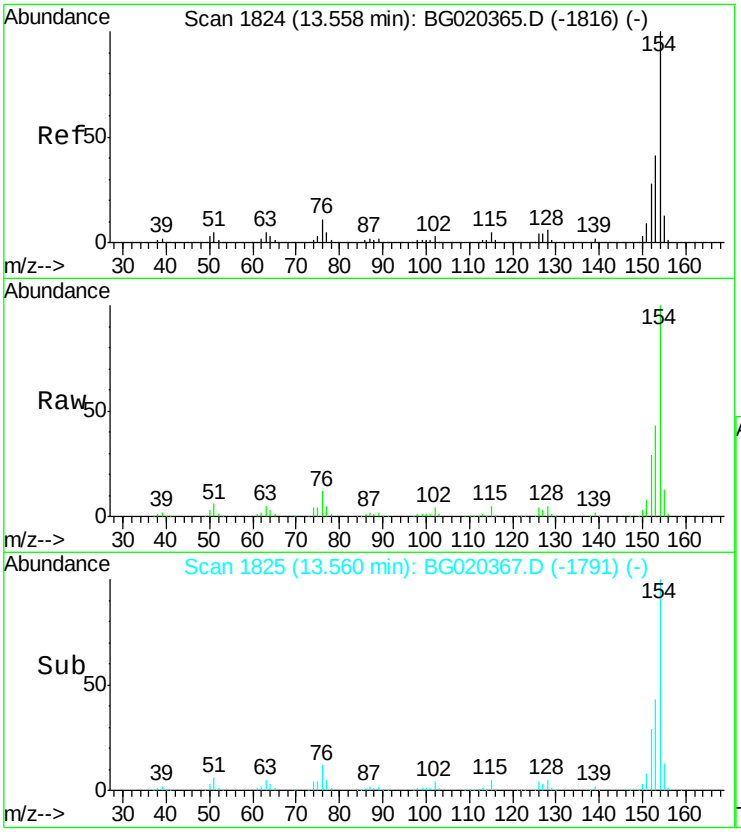


#35
1-Methylnaphthalene
Concen: 81.99 ng/ul
RT: 12.78 min Scan# 1692
Delta R.T. 0.00 min
Lab File: BG020367.D
Acq: 21 Dec 2015 7:04

Tgt Ion:142 Resp: 290153

Ion	Ratio	Lower	Upper
142	100		
141	94.8	73.0	109.6
116	4.6	3.0	4.6#



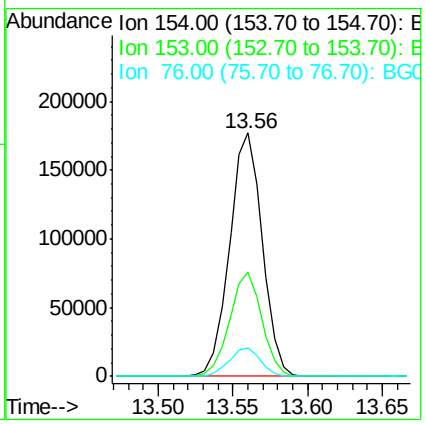


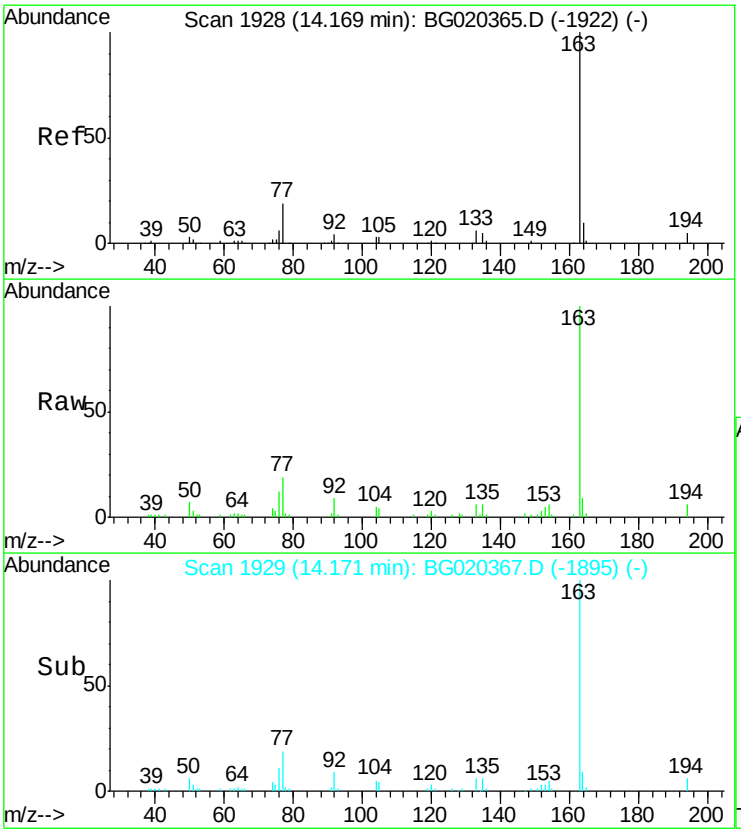
#41
1,1'-Biphenyl
Concen: 54.17 ng/ul
RT: 13.56 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BG020367.D
Acq: 21 Dec 2015 7:04

Instrument :
BNA_G
ClientSampleId :
D9N61

Tgt Ion:154 Resp: 270161

Ion	Ratio	Lower	Upper
154	100		
153	42.6	35.5	53.3
76	11.5	10.4	15.6

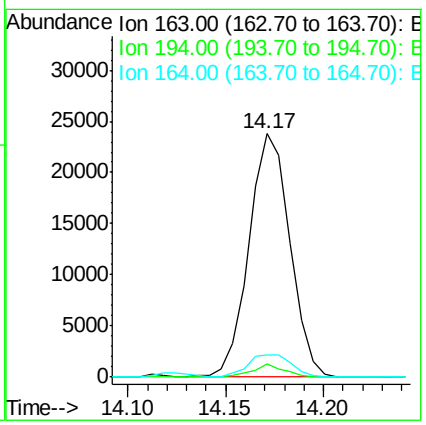


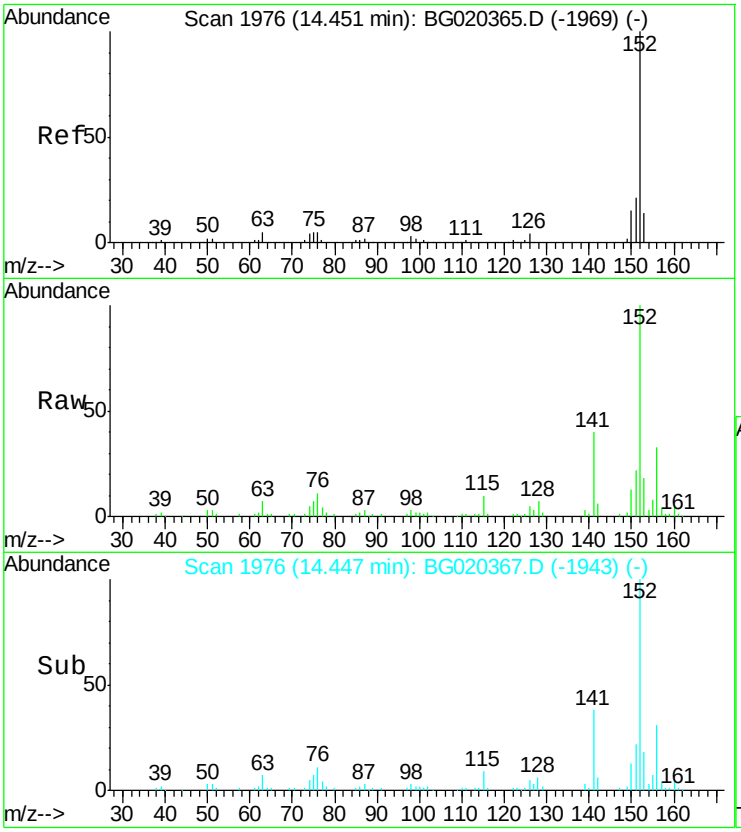


#45
Dimethylphthalate
Concen: 6.31 ng/ul
RT: 14.17 min Scan# 1929
Delta R.T. 0.00 min
Lab File: BG020367.D
Acq: 21 Dec 2015 7:04

Tgt Ion:163 Resp: 34471

Ion	Ratio	Lower	Upper
163	100		
194	5.5	3.5	5.3#
164	9.3	7.7	11.5



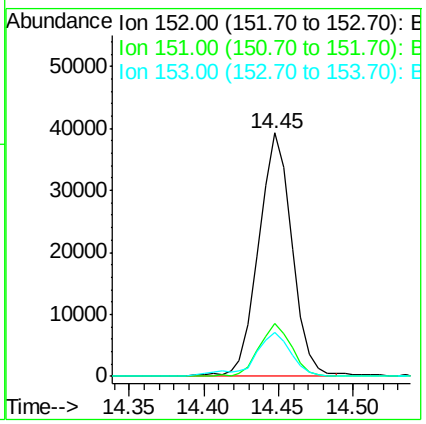


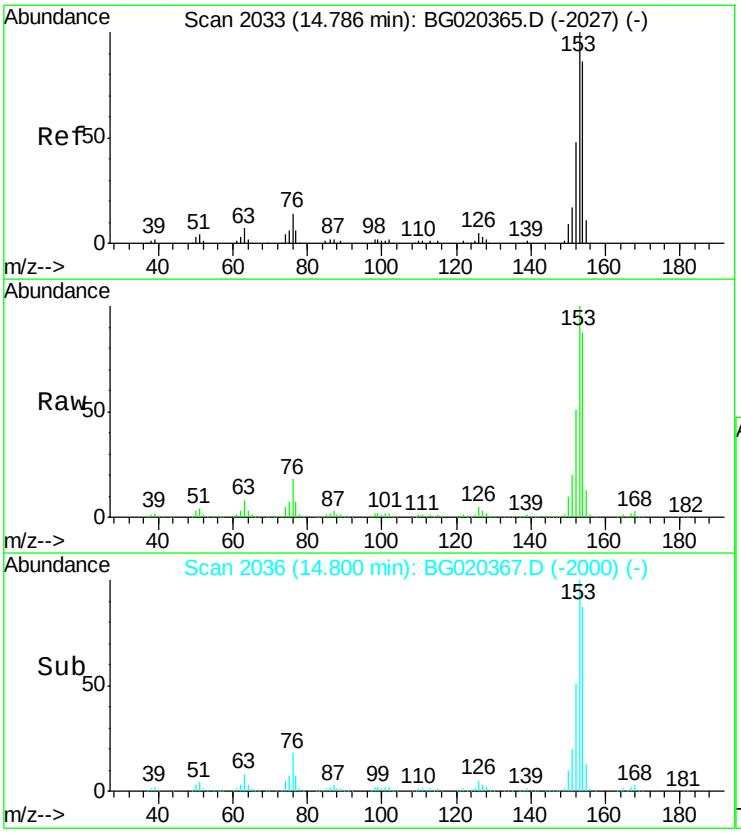
#48
Acenaphthylene
Concen: 9.17 ng/ul
RT: 14.45 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG020367.D
Acq: 21 Dec 2015 7:04

Instrument :
BNA_G
ClientSampleId :
D9N61

Tgt Ion:152 Resp: 60630

Ion	Ratio	Lower	Upper
152	100		
151	21.6	16.4	24.6
153	18.0	10.4	15.6#

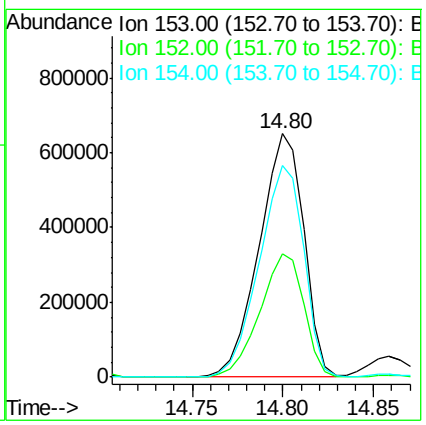


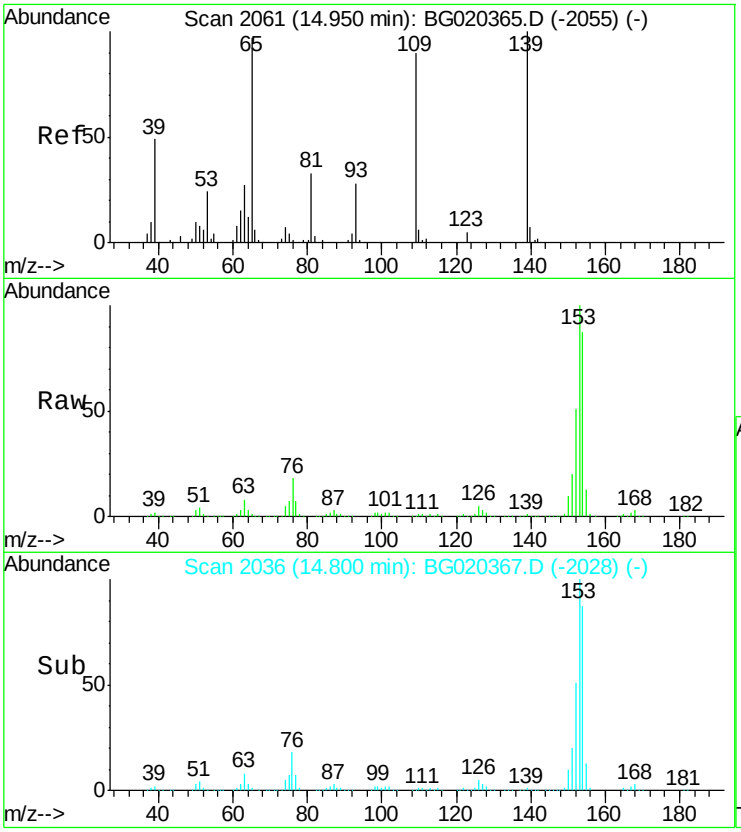


#50
Acenaphthene
Concen: 251.92 ng/ul
RT: 14.80 min Scan# 2036
Delta R.T. 0.01 min
Lab File: BG020367.D
Acq: 21 Dec 2015 7:04

Tgt Ion:153 Resp: 1120278

Ion	Ratio	Lower	Upper
153	100		
152	50.8	37.6	56.4
154	87.1	67.9	101.9



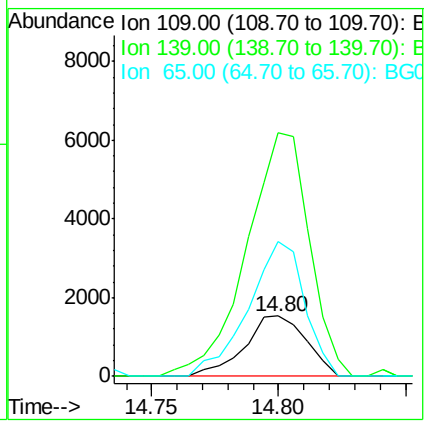


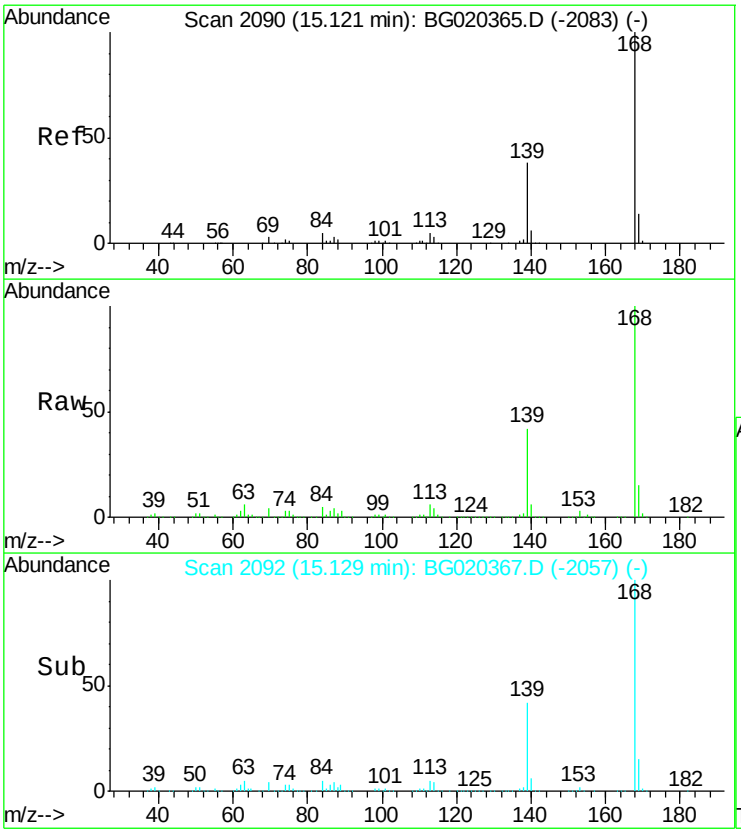
#53
4-Nitrophenol
Concen: 2.82 ng/ul
RT: 14.80 min Scan# 2036
Delta R.T. -0.15 min
Lab File: BG020367.D
Acq: 21 Dec 2015 7:04

Instrument :
BNA_G
ClientSampleId :
D9N61

Tgt Ion:109 Resp: 2601

Ion	Ratio	Lower	Upper
109	100		
139	402.8	80.5	120.7#
65	222.7	93.4	140.2#

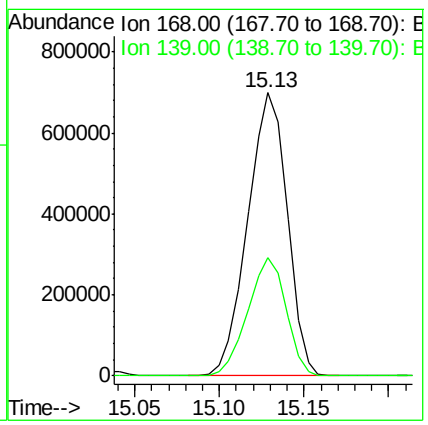


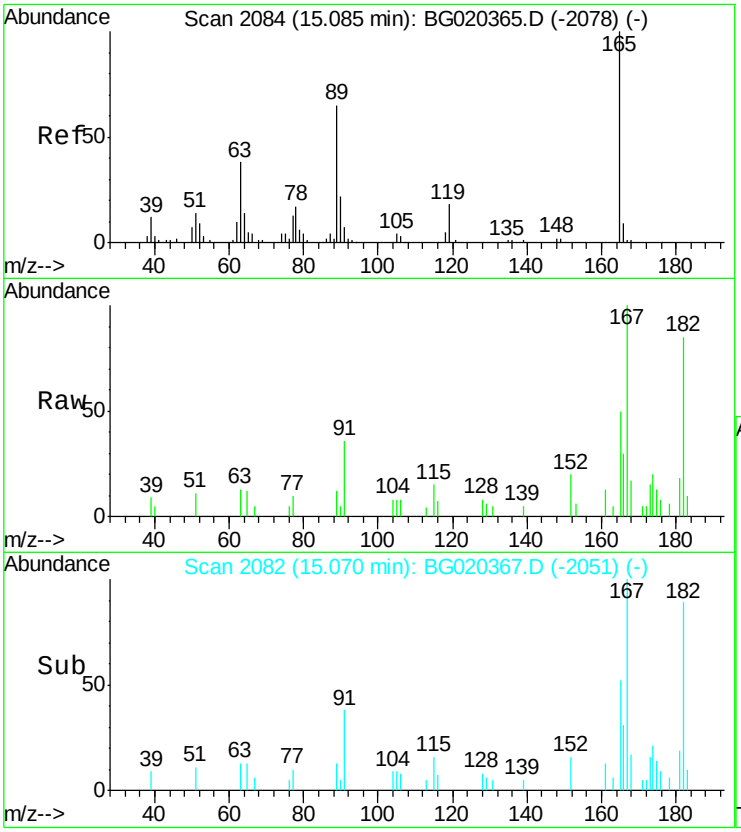


#54
Dibenzofuran
Concen: 171.48 ng/ul
RT: 15.13 min Scan# 2092
Delta R.T. 0.01 min
Lab File: BG020367.D
Acq: 21 Dec 2015 7:04

Tgt Ion:168 Resp: 1134379

Ion	Ratio	Lower	Upper
168	100		
139	41.9	30.5	45.7



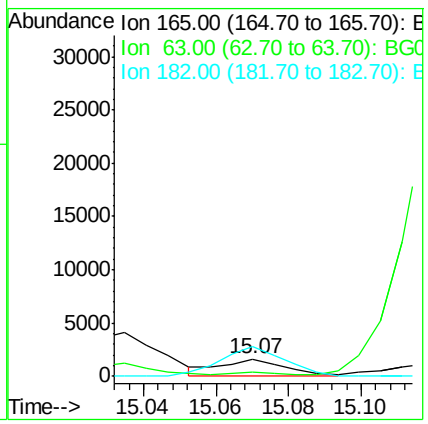


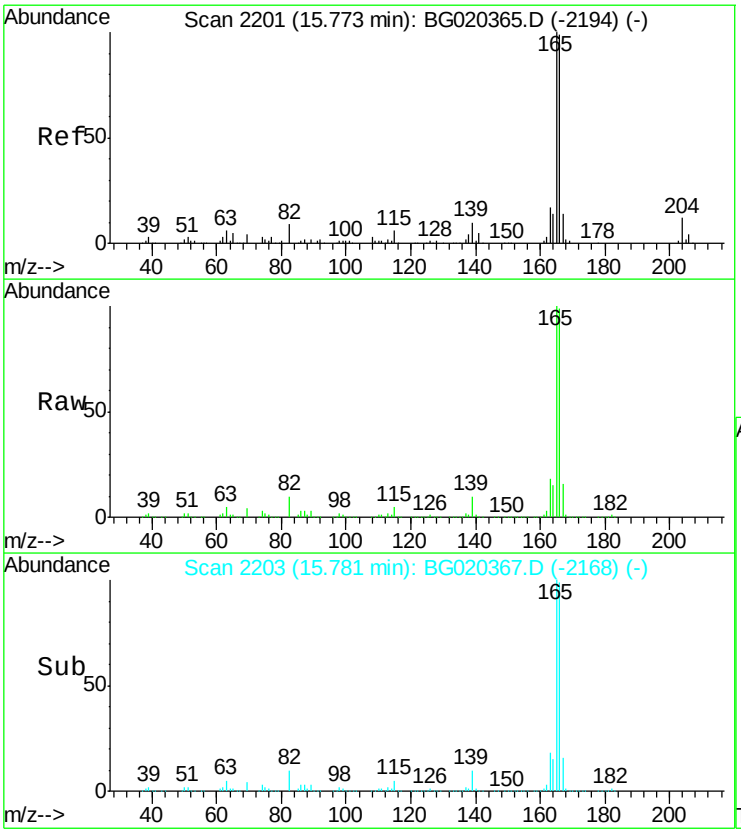
#55
2,4-Dinitrotoluene
Concen: 1.28 ng/ul
RT: 15.07 min Scan# 2082
Delta R.T. -0.02 min
Lab File: BG020367.D
Acq: 21 Dec 2015 7:04

Instrument :
BNA_G
ClientSampleId :
D9N61

Tgt Ion:165 Resp: 2116

Ion	Ratio	Lower	Upper
165	100		
63	25.4	35.8	53.8#
182	171.1	2.2	3.2#

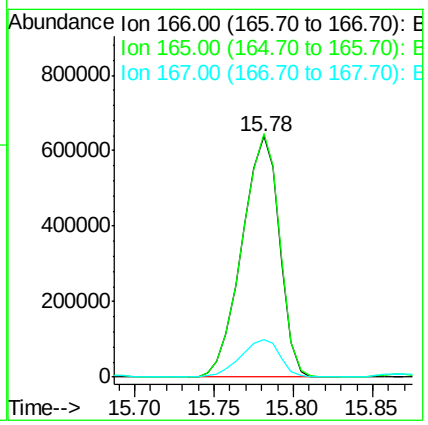


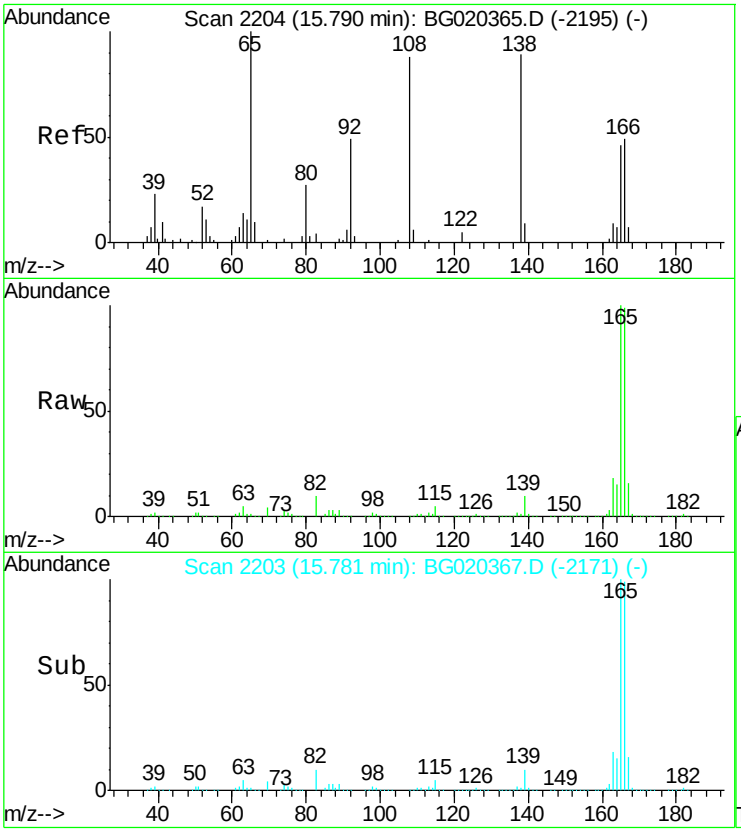


#59
Fluorene
Concen: 197.58 ng/ul
RT: 15.78 min Scan# 2203
Delta R.T. 0.01 min
Lab File: BG020367.D
Acq: 21 Dec 2015 7:04

Tgt Ion:166 Resp: 1049590

Ion	Ratio	Lower	Upper
166	100		
165	101.1	81.4	122.0
167	15.8	11.2	16.8



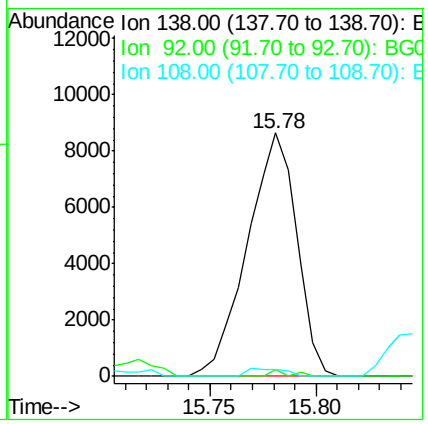


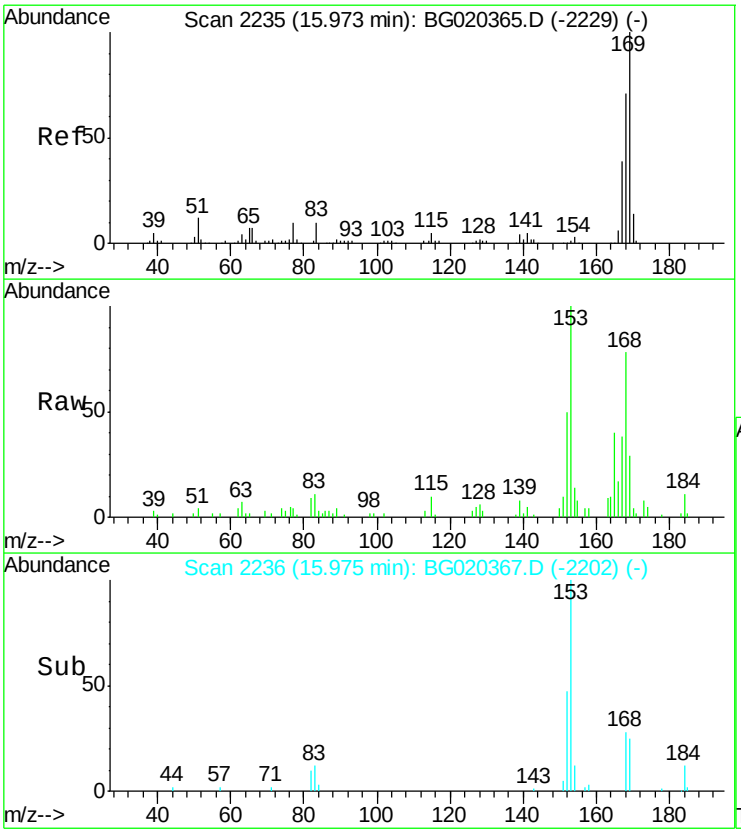
#61
4-Nitroaniline
Concen: 11.80 ng/ul
RT: 15.78 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BG020367.D
Acq: 21 Dec 2015 7:04

Instrument :
BNA_G
ClientSampleId :
D9N61

Tgt Ion:138 Resp: 13987

Ion	Ratio	Lower	Upper
138	100		
92	2.6	45.2	67.8#
108	3.0	75.4	113.0#

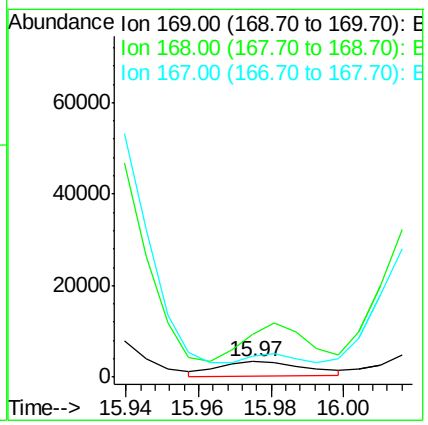


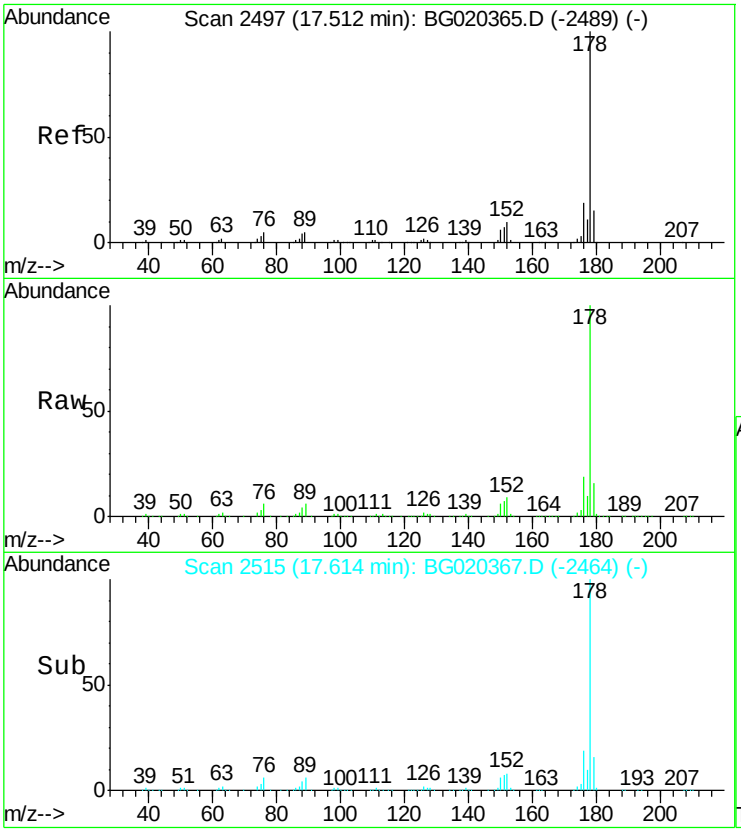


#65
N-Nitrosodiphenylamine
Concen: 1.29 ng/ul
RT: 15.97 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BG020367.D
Acq: 21 Dec 2015 7:04

Tgt Ion:169 Resp: 5342

Ion	Ratio	Lower	Upper
169	100		
168	272.5	54.3	81.5#
167	132.3	31.8	47.8#



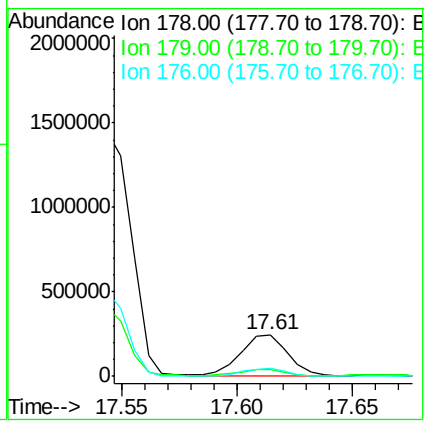


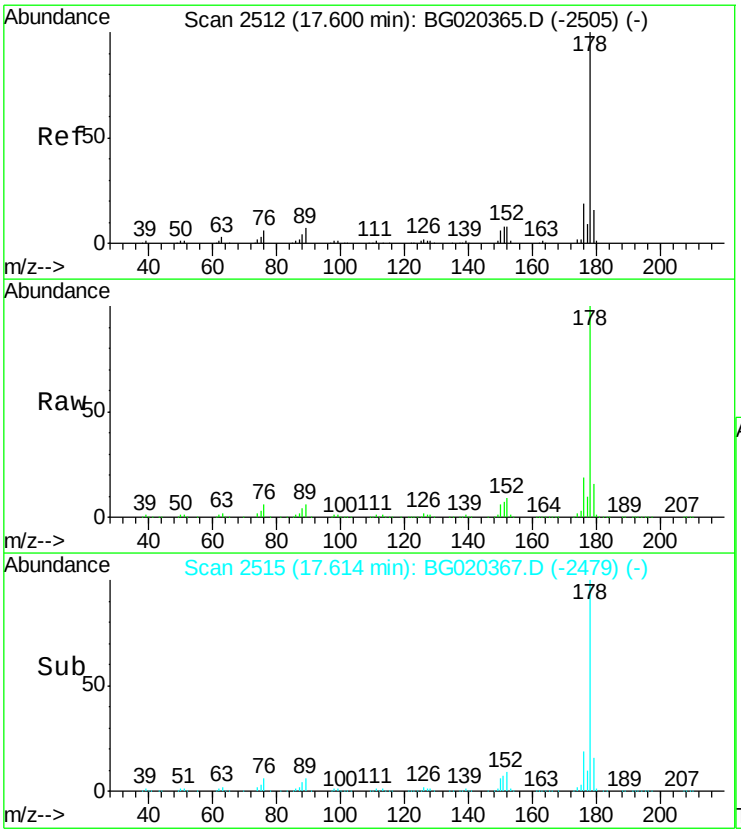
#70
Phenanthrene
Concen: 43.19 ng/ul
RT: 17.61 min Scan# 2515
Delta R.T. 0.10 min
Lab File: BG020367.D
Acq: 21 Dec 2015 7:04

Instrument :
BNA_G
ClientSampleId :
D9N61

Tgt Ion:178 Resp: 352964

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.9	19.3
176	19.0	15.3	22.9

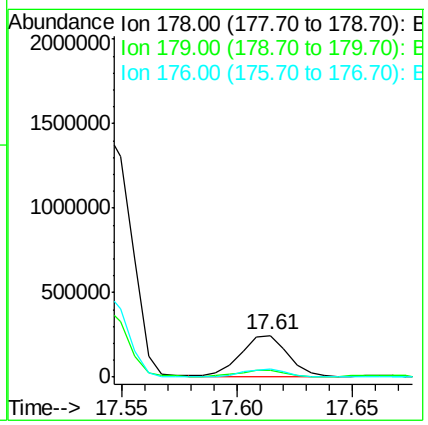


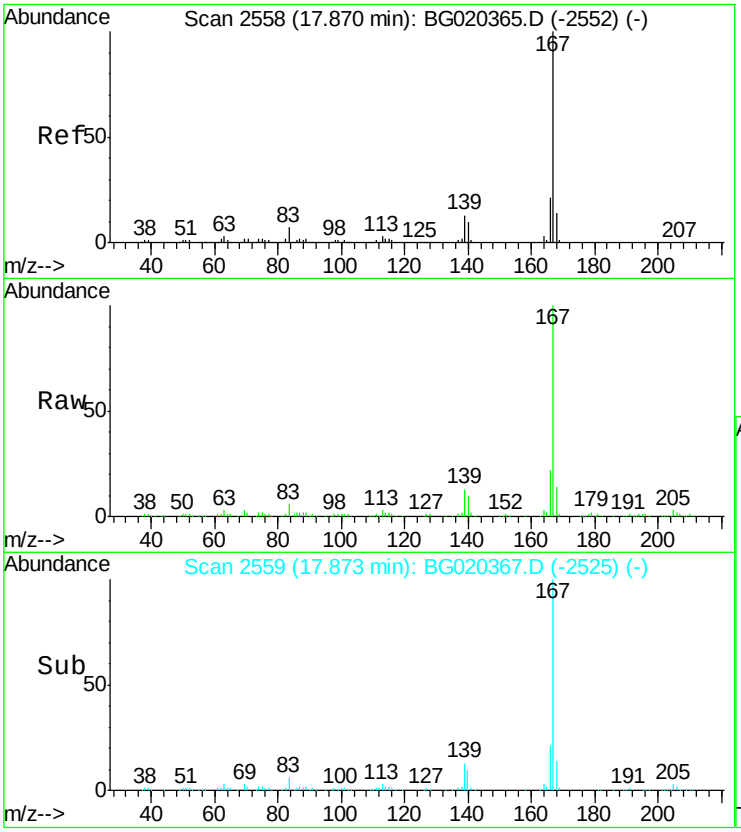


#72
Anthracene
Concen: 42.59 ng/ul
RT: 17.61 min Scan# 2515
Delta R.T. 0.01 min
Lab File: BG020367.D
Acq: 21 Dec 2015 7:04

Tgt Ion:178 Resp: 352964

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.3	18.5
176	19.0	14.3	21.5



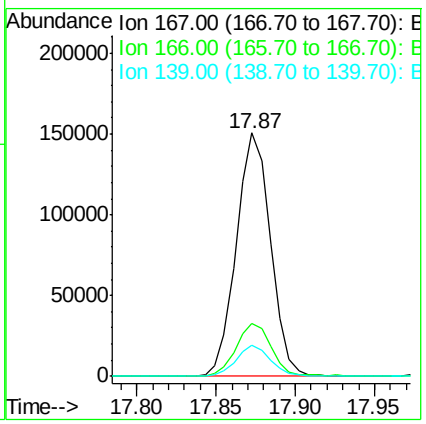


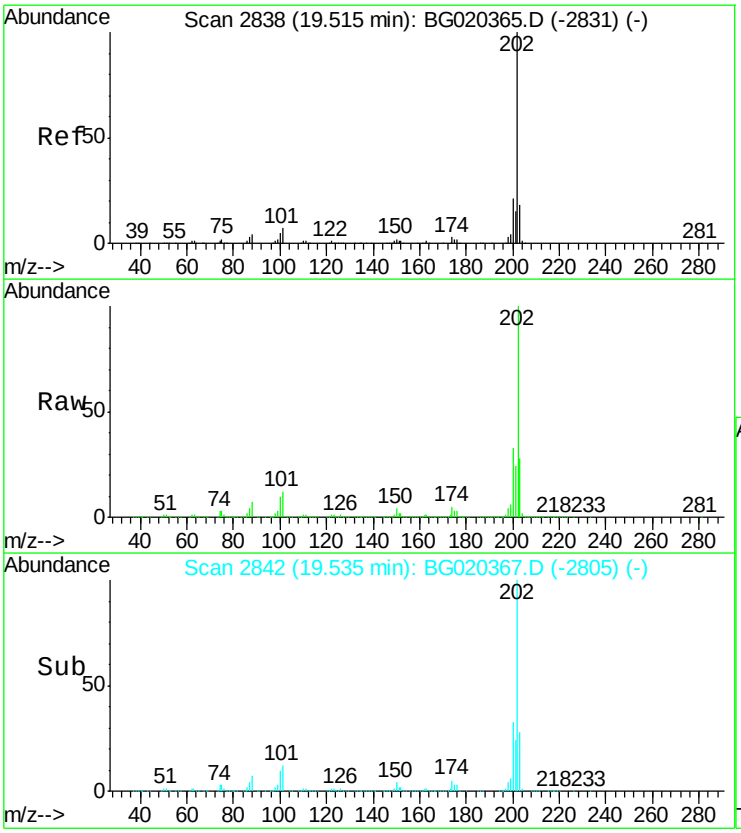
#75
Carbazole
Concen: 32.33 ng/ul
RT: 17.87 min Scan# 2559
Delta R.T. 0.00 min
Lab File: BG020367.D
Acq: 21 Dec 2015 7:04

Instrument :
BNA_G
ClientSampleId :
D9N61

Tgt Ion:167 Resp: 225123

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.0	25.6
139	12.7	10.1	15.1

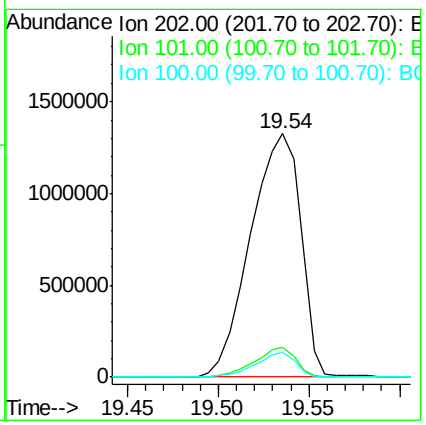


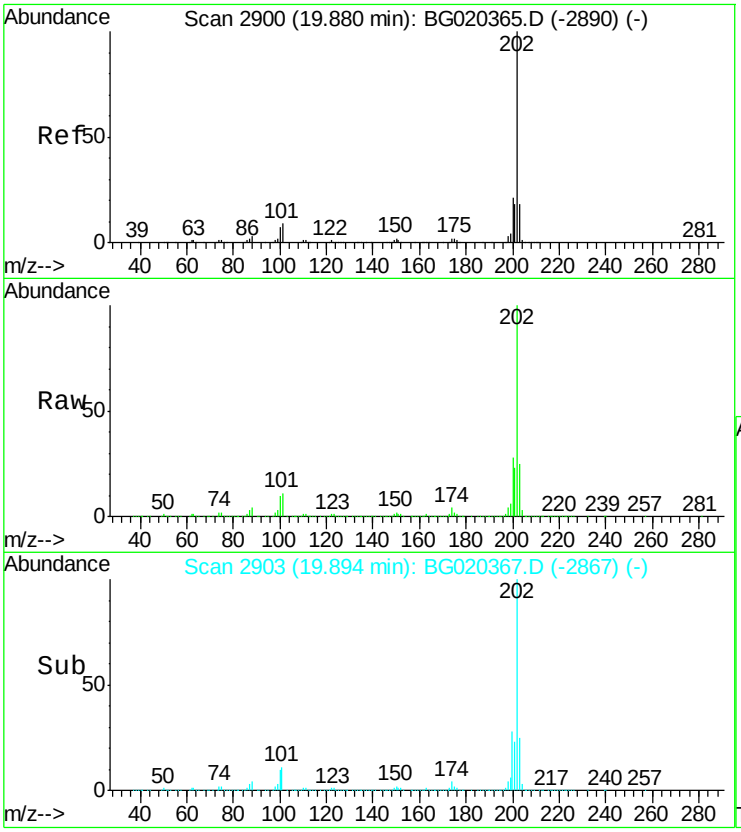


#77
Fluoranthene
Concen: 267.43 ng/ul
RT: 19.54 min Scan# 2842
Delta R.T. 0.02 min
Lab File: BG020367.D
Acq: 21 Dec 2015 7:04

Tgt Ion:202 Resp: 2554106

Ion	Ratio	Lower	Upper
202	100		
101	12.2	6.2	9.4#
100	10.1	5.1	7.7#



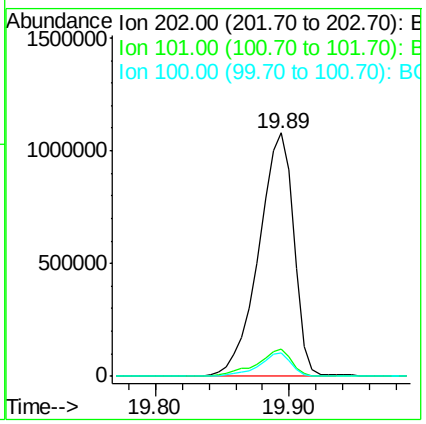


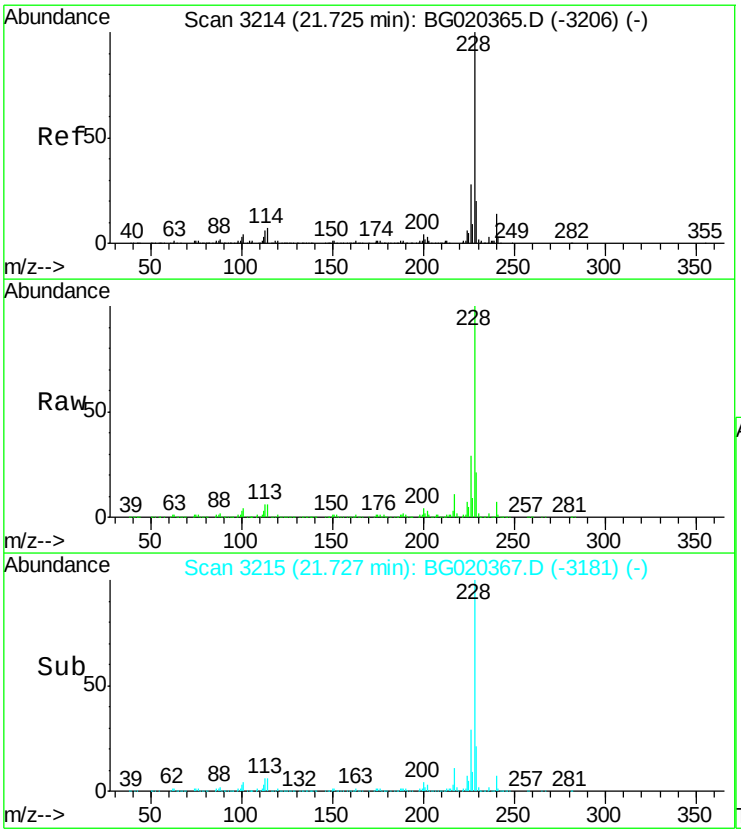
#80
Pyrene
Concen: 172.03 ng/ul
RT: 19.89 min Scan# 2903
Delta R.T. 0.01 min
Lab File: BG020367.D
Acq: 21 Dec 2015 7:04

Instrument :
BNA_G
ClientSampleId :
D9N61

Tgt Ion:202 Resp: 1963660

Ion	Ratio	Lower	Upper
202	100		
101	11.4	7.0	10.4#
100	9.8	6.4	9.6#

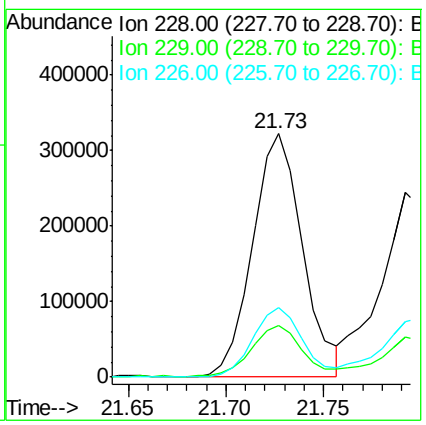


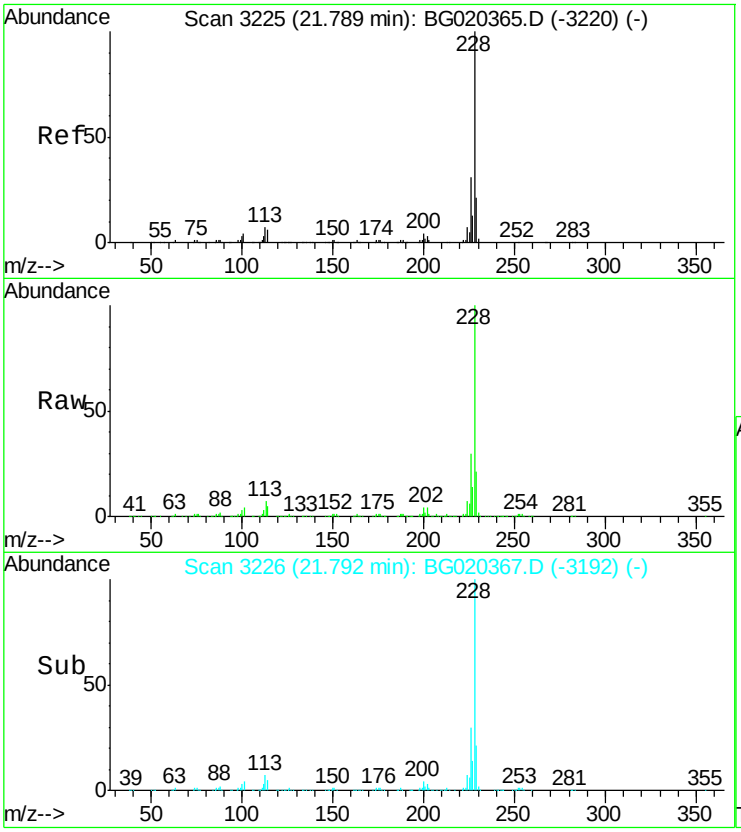


#83
Benzo(a)anthracene
Concen: 51.69 ng/ul
RT: 21.73 min Scan# 3215
Delta R.T. 0.00 min
Lab File: BG020367.D
Acq: 21 Dec 2015 7:04

Tgt Ion:228 Resp: 568777

Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.8	23.8
226	28.5	21.8	32.6



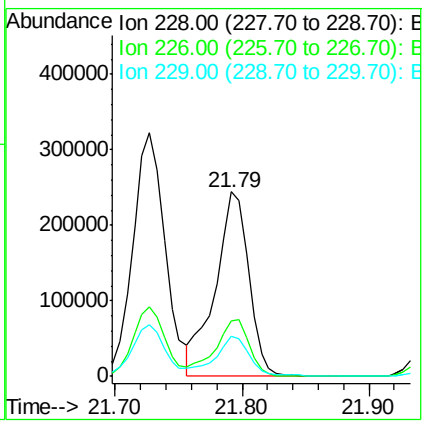


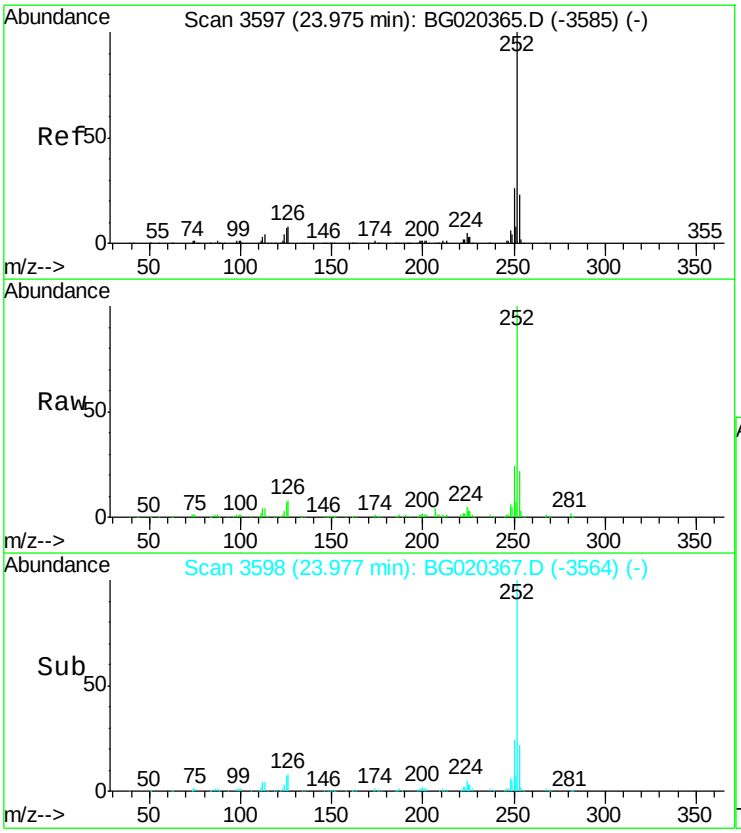
#85
Chrysene
Concen: 42.78 ng/ul
RT: 21.79 min Scan# 3226
Delta R.T. 0.00 min
Lab File: BG020367.D
Acq: 21 Dec 2015 7:04

Instrument :
BNA_G
ClientSampleId :
D9N61

Tgt Ion:228 Resp: 443343

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.9	35.9
229	21.5	15.6	23.4

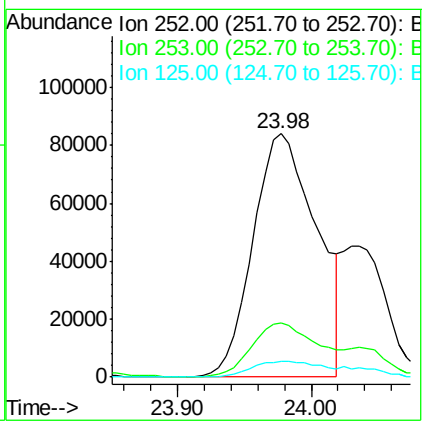


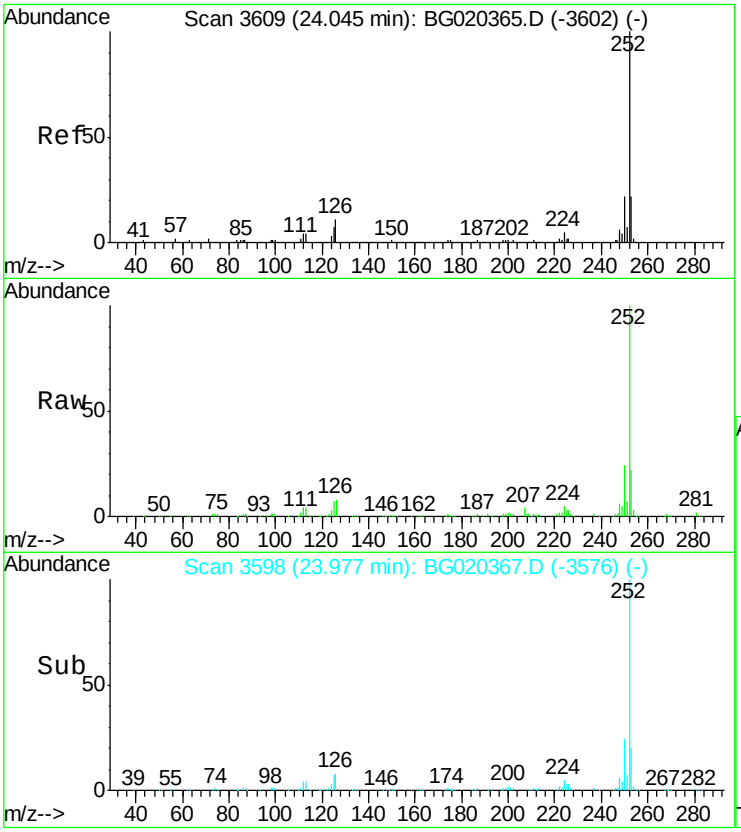


#88
Benzo(b)fluoranthene
Concen: 25.79 ng/ul
RT: 23.98 min Scan# 3598
Delta R.T. 0.00 min
Lab File: BG020367.D
Acq: 21 Dec 2015 7:04

Tgt Ion:252 Resp: 278568

Ion	Ratio	Lower	Upper
252	100		
253	22.5	16.7	25.1
125	6.5	6.2	9.2



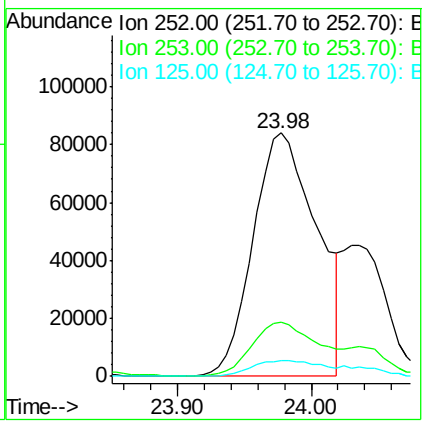


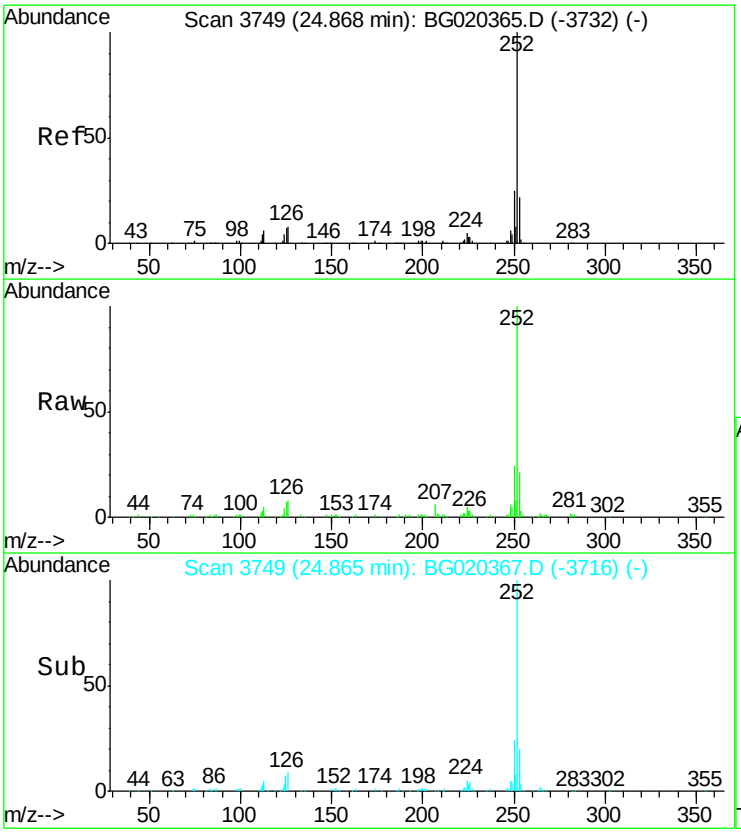
#89
Benzo(k)fluoranthene
Concen: 26.88 ng/ul
RT: 23.98 min Scan# 3598
Delta R.T. -0.07 min
Lab File: BG020367.D
Acq: 21 Dec 2015 7:04

Instrument :
BNA_G
ClientSampleId :
D9N61

Tgt Ion:252 Resp: 278568

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	6.5	5.8	8.6

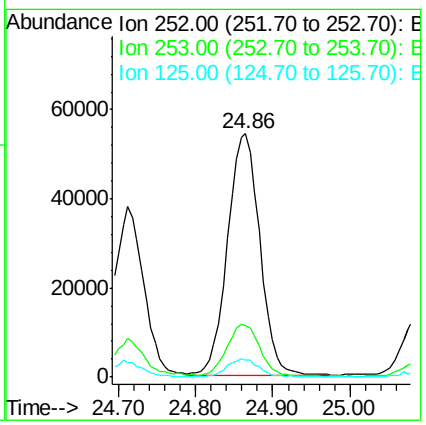


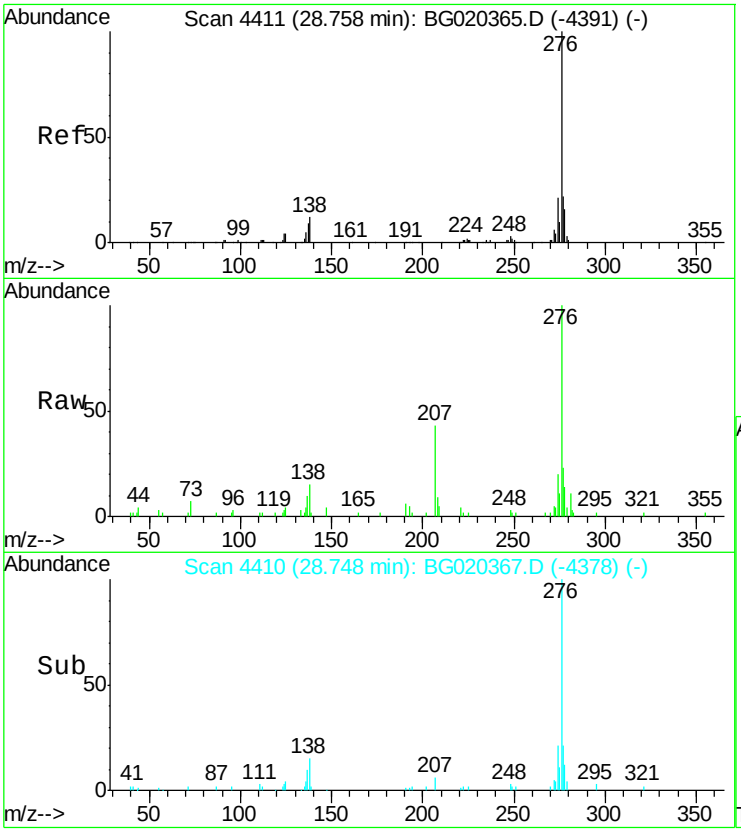


#91
Benzo(a)pyrene
Concen: 15.49 ng/ul
RT: 24.86 min Scan# 3749
Delta R.T. -0.00 min
Lab File: BG020367.D
Acq: 21 Dec 2015 7:04

Tgt Ion:252 Resp: 158625

Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.0	25.4
125	6.9	6.2	9.4



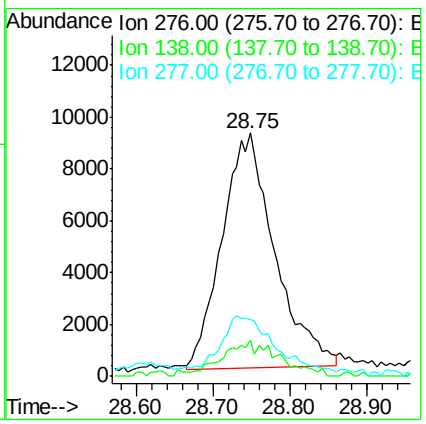


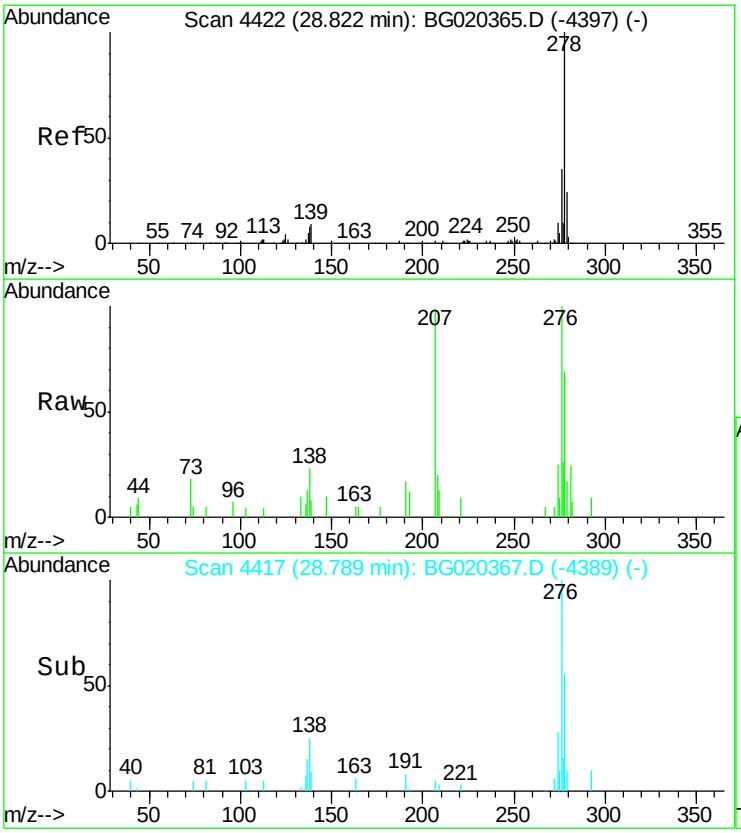
#92
Indeno(1,2,3-cd)pyrene
Concen: 3.55 ng/ul
RT: 28.75 min Scan# 4410
Delta R.T. -0.01 min
Lab File: BG020367.D
Acq: 21 Dec 2015 7:04

Instrument :
BNA_G
ClientSampleId :
D9N61

Tgt Ion:276 Resp: 43305

Ion	Ratio	Lower	Upper
276	100		
138	14.9	11.4	17.0
277	23.3	17.4	26.0

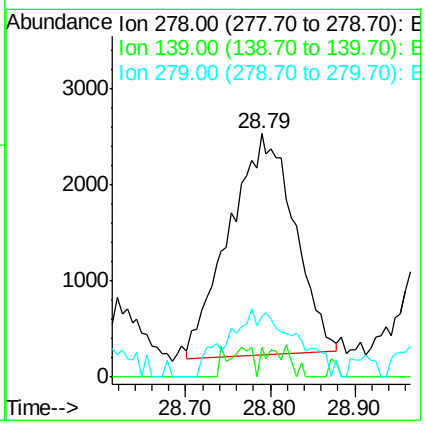


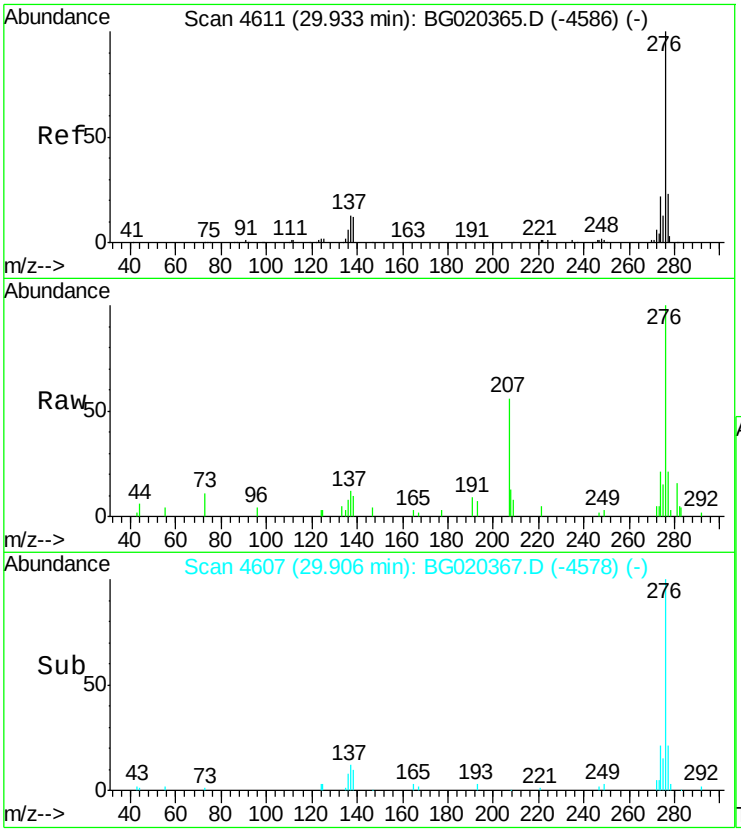


#93
Dibenzo(a,h)anthracene
Concen: 1.21 ng/ul
RT: 28.79 min Scan# 4417
Delta R.T. -0.03 min
Lab File: BG020367.D
Acq: 21 Dec 2015 7:04

Tgt Ion:278 Resp: 12268

Ion	Ratio	Lower	Upper
278	100		
139	12.3	9.4	14.2
279	24.9	19.4	29.0





#94
Benzo(g,h,i)perylene
Concen: 3.26 ng/ul
RT: 29.91 min Scan# 4607
Delta R.T. -0.03 min
Lab File: BG020367.D
Acq: 21 Dec 2015 7:04

Instrument :
BNA_G
ClientSampleId :
D9N61

Tgt Ion:276 Resp: 32604

Ion	Ratio	Lower	Upper
276	100		
138	10.3	10.8	16.2#
277	21.4	19.9	29.9