Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
Data File : BG021192.D
Acq On : 1 Mar 2016 20:25
Operator : UM/SJ
Sample : H1578-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CEB-1(10-12)20160224

Quant Time: Mar 01 23:56:19 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 29 17:40:25 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	10919	20.00	ng		-0.02
21) Naphthalene-d8	10.96	136	54091	20.00	ng		-0.01
38) Acenaphthene-d10	14.75	164	33144	20.00	ng		-0.01
63) Phenanthrene-d10	17.49	188	75701	20.00	ng		-0.01
75) Chrysene-d12	21.76	240	77702	20.00	ng		-0.01
86) Perylene-d12	25.02	264	71924	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	98136	142.88	ng		-0.01
7) Phenol-d6	7.30	99	176675	156.43	ng		0.00
23) Nitrobenzene-d5	9.31	82	129347	101.19	ng		-0.01
41) 2,4,6-Tribromophenol	16.23	330	42815	124.16	ng		-0.01
44) 2-Fluorobiphenyl	13.38	172	195946	83.95	ng		-0.01
78) Terphenyl-d14	20.08	244	261969	81.68	ng		-0.01
Target Compounds							Qvalue
4) n-Nitrosodimethylamine	3.82	42	1180	2.40	ng	#	1
31) Naphthalene	11.00	128	15675	5.56	ng		97
32) Benzoic acid	10.15	122	78	5.78	ng	#	72
49) Dimethylphthalate	14.19	163	40853	13.83	ng		99
51) Acenaphthene	14.82	154	7293	3.32	ng		96
54) Dibenzofuran	15.15	168	12106	4.12	ng		91
55) 4-Nitrophenol	15.15	139	5597	9.84	ng	#	9
57) Fluorene	15.79	166	14703	5.25	ng		94
70) Phenanthrene	17.53	178	180771	44.25	ng		99
71) Anthracene	17.62	178	35693	8.54	ng		97
72) Carbazole	17.88	167	18359	4.95	ng	#	94
73) Di-n-butylphthalate	18.43	149	46678	8.96	ng	#	98
74) Fluoranthene	19.53	202	206787	43.08	ng		99
77) Pyrene	19.89	202	169050	36.47	ng		99
79) Butylbenzylphthalate	20.80	149	2724220	1151.59	ng	#	84
80) Benzo(a)anthracene	21.73	228	87644	19.05	ng		99
82) Chrysene	21.80	228	79060	18.13	ng		99
83) Bis(2-ethylhexyl)phthalate	21.63	149	761307	219.57	ng	#	90
85) Indeno(1,2,3-cd)pyrene	28.74	276	46819	9.37	ng	#	100
87) Benzo(b)fluoranthene	23.98	252	96881	21.42	ng	#	95
88) Benzo(k)fluoranthene	23.98	252	96881	21.38	ng	#	94
89) Benzo(a)pyrene	24.86	252	72158	16.50	ng	#	92
90) Dibenzo(a,h)anthracene	28.79	278	13209	3.05	ng	#	86
91) Benzo(g,h,i)perylene	29.90	276	43734	10.46	ng	#	92

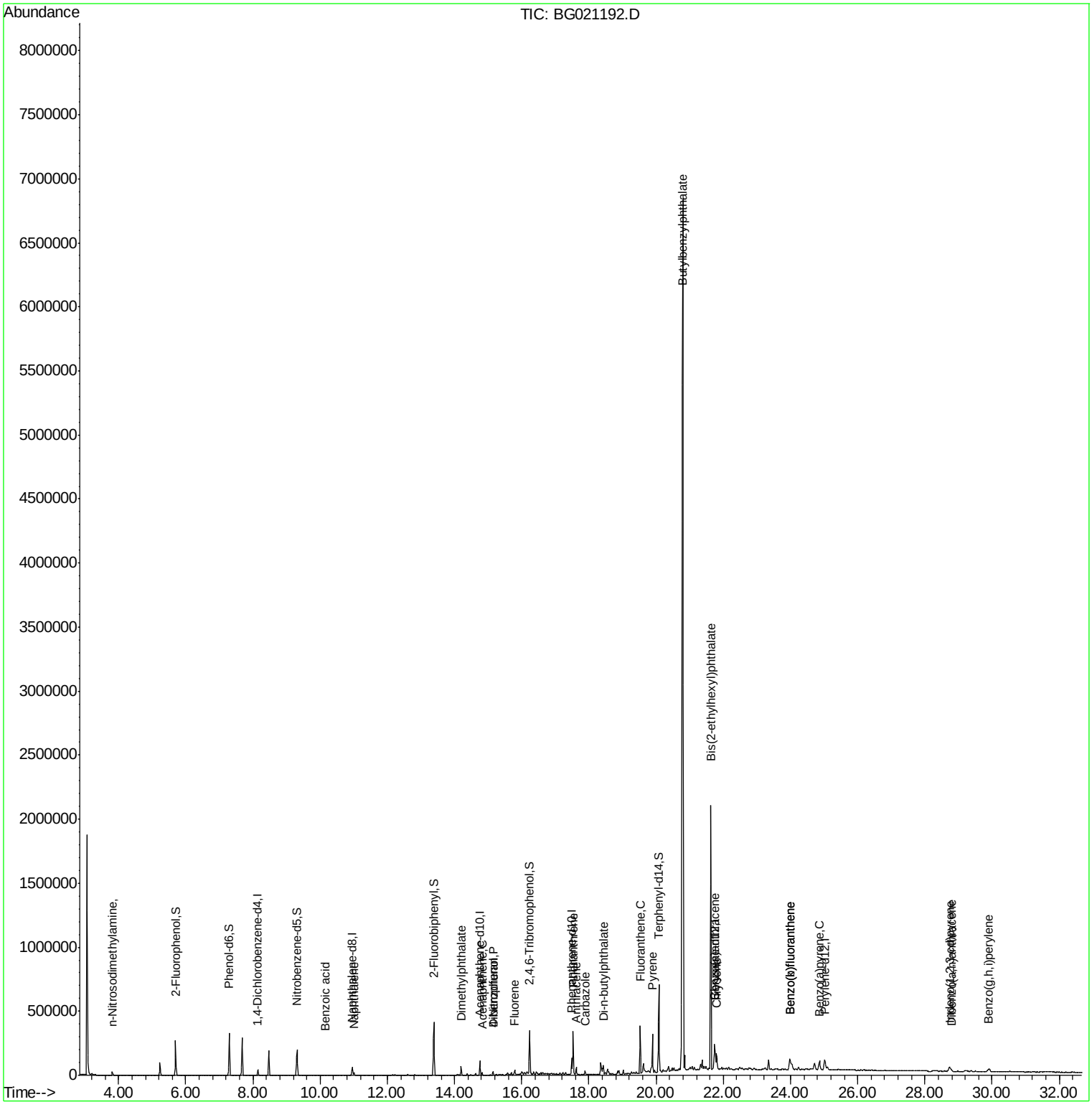
(#) = qualifier out of range (m) = manual integration (+) = signals summed

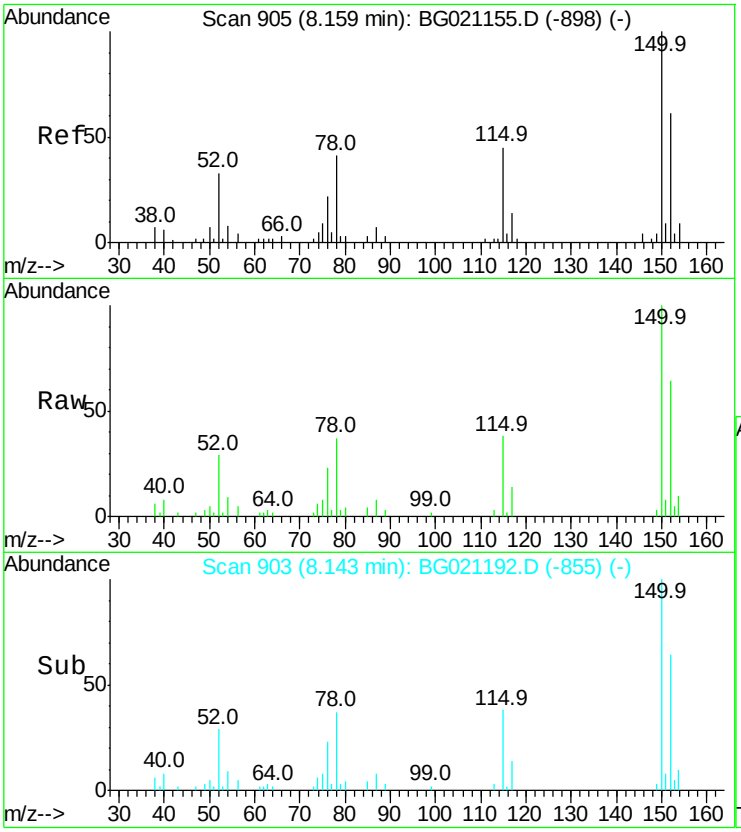
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
Data File : BG021192.D
Acq On : 1 Mar 2016 20:25
Operator : UM/SJ
Sample : H1578-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CEB-1(10-12)20160224

Quant Time: Mar 01 23:56:19 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 29 17:40:25 2016
Response via : Initial Calibration



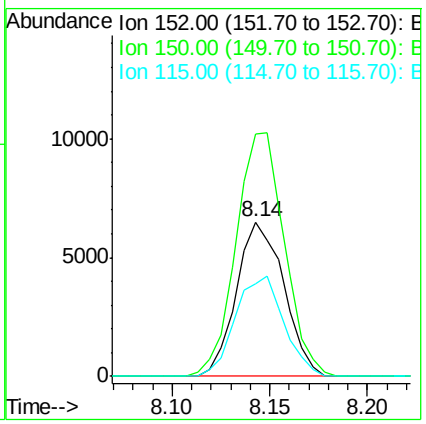


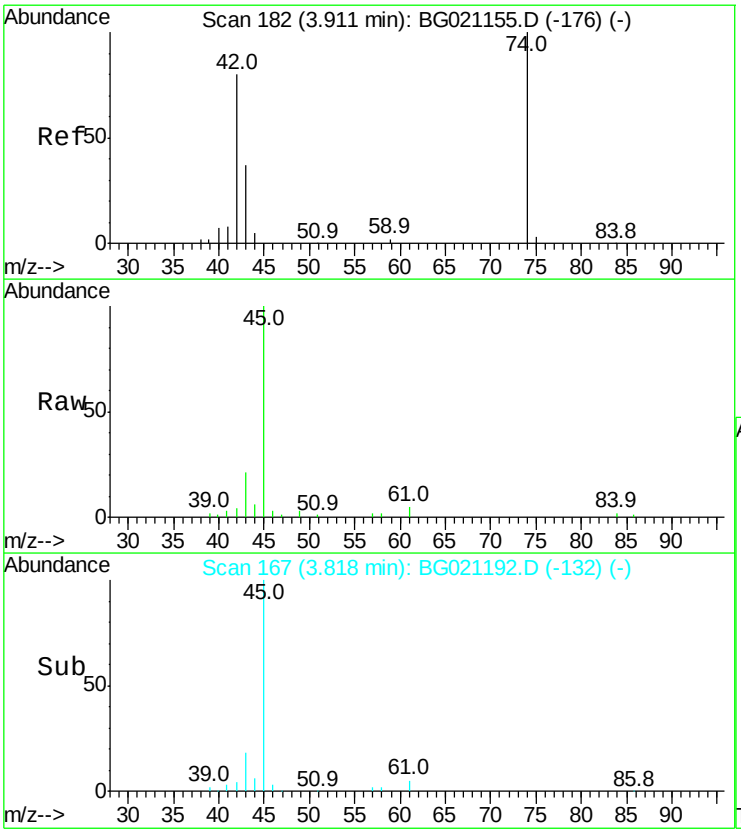
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.14 min Scan# 903
Delta R.T. -0.02 min
Lab File: BG021192.D
Acq: 1 Mar 2016 20:25

Instrument :
BNA_G
ClientSampleId :
CEB-1(10-12)20160224

Tgt Ion:152 Resp: 10919

Ion	Ratio	Lower	Upper
152	100		
150	157.0	123.4	185.2
115	60.2	43.3	64.9

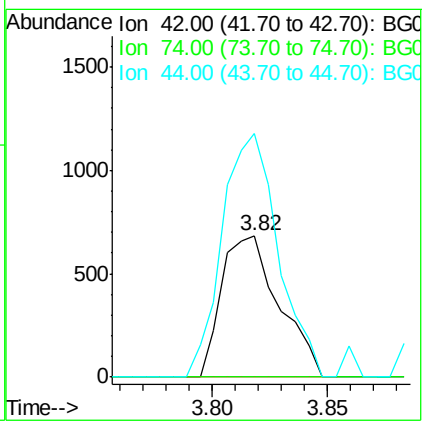


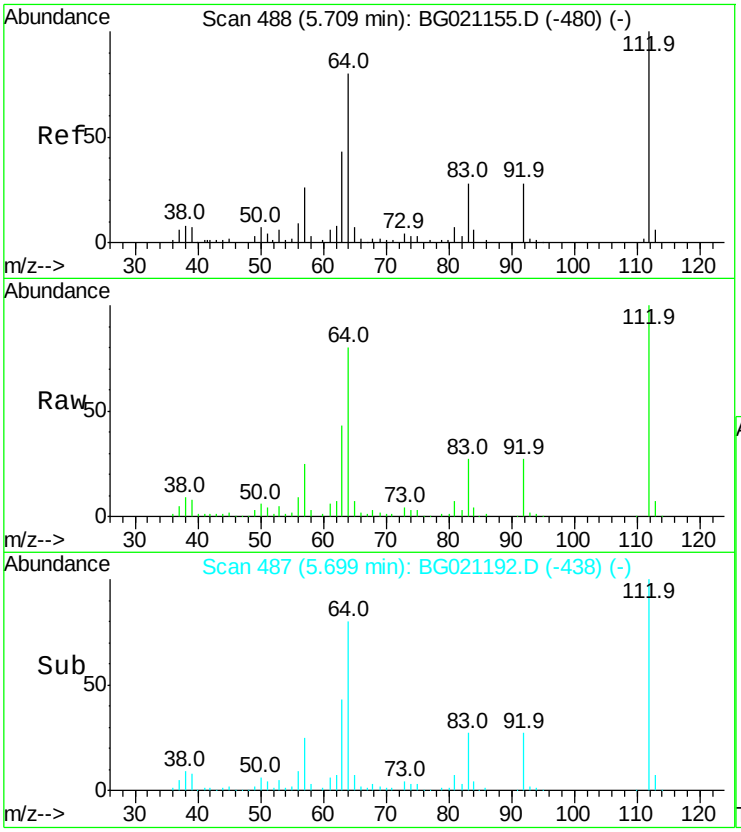


#4
n-Nitrosodimethylamine
Concen: 2.40 ng
RT: 3.82 min Scan# 167
Delta R.T. -0.09 min
Lab File: BG021192.D
Acq: 1 Mar 2016 20:25

Tgt Ion: 42 Resp: 1180

Ion	Ratio	Lower	Upper
42	100		
74	0.0	102.3	153.5#
44	172.2	4.8	7.2#



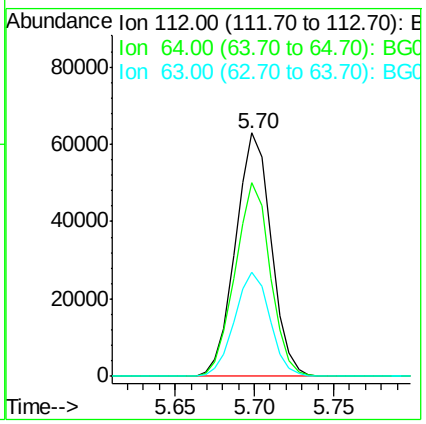


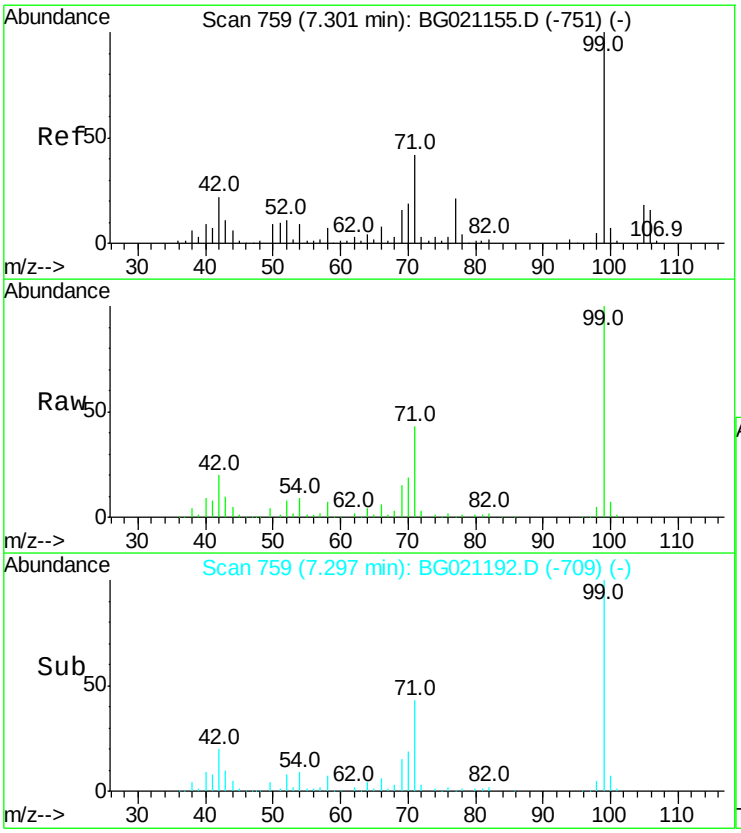
#5
2-Fluorophenol
Concen: 142.88 ng
RT: 5.70 min Scan# 487
Delta R.T. -0.01 min
Lab File: BG021192.D
Acq: 1 Mar 2016 20:25

Instrument :
BNA_G
ClientSampleId :
CEB-1(10-12)20160224

Tgt Ion:112 Resp: 98136

Ion	Ratio	Lower	Upper
112	100		
64	79.5	42.6	63.8#
63	42.6	21.7	32.5#

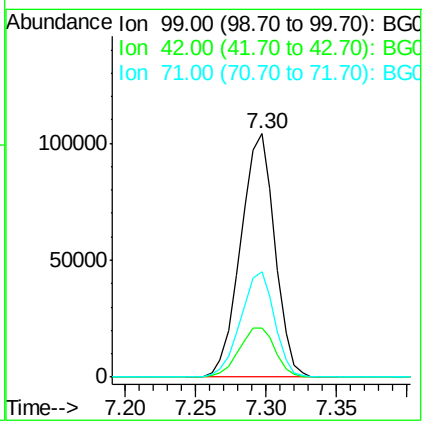


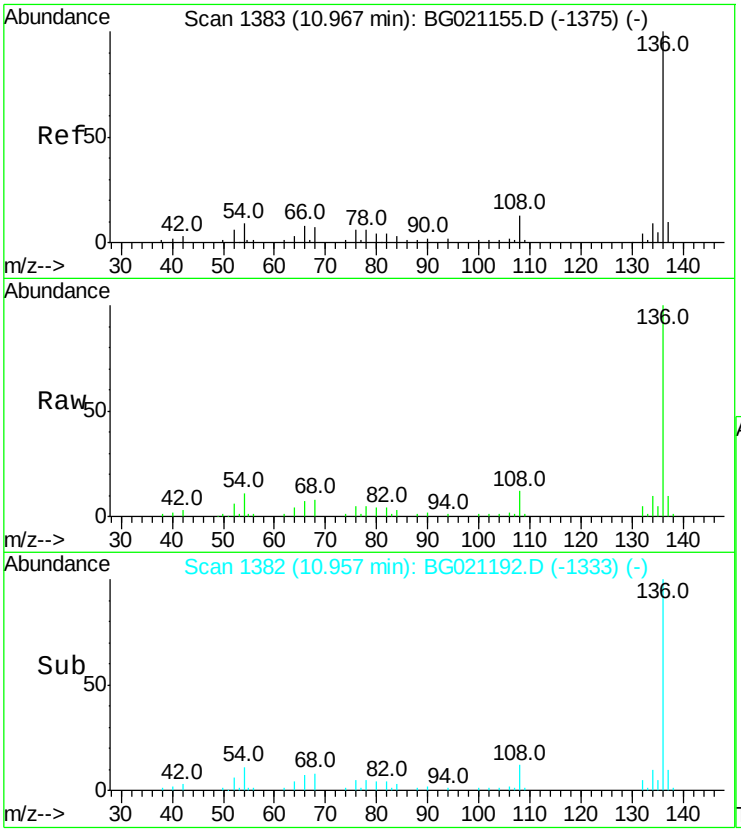


#7
Phenol-d6
Concen: 156.43 ng
RT: 7.30 min Scan# 759
Delta R.T. -0.00 min
Lab File: BG021192.D
Acq: 1 Mar 2016 20:25

Tgt Ion: 99 Resp: 176675

Ion	Ratio	Lower	Upper
99	100		
42	20.3	13.2	19.8#
71	43.4	25.2	37.8#



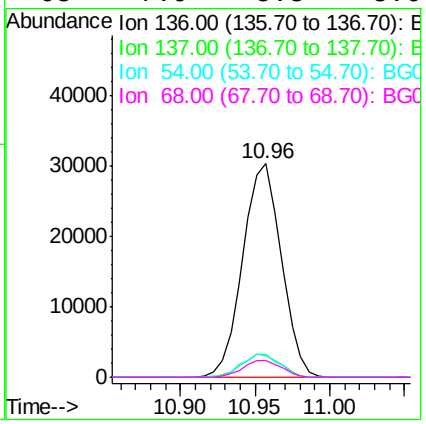


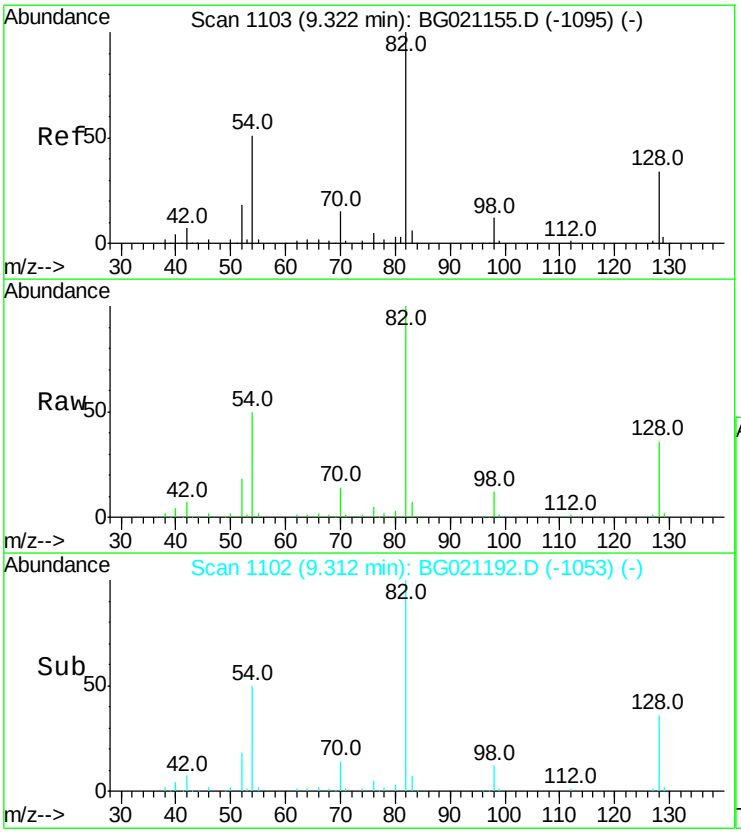
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.96 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BG021192.D
Acq: 1 Mar 2016 20:25

Instrument :
BNA_G
ClientSampleId :
CEB-1(10-12)20160224

Tgt Ion:136 Resp: 54091

Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.8	13.2
54	10.6	6.9	10.3#
68	7.9	5.8	8.6

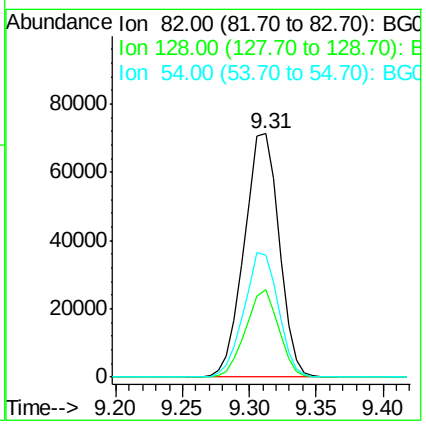


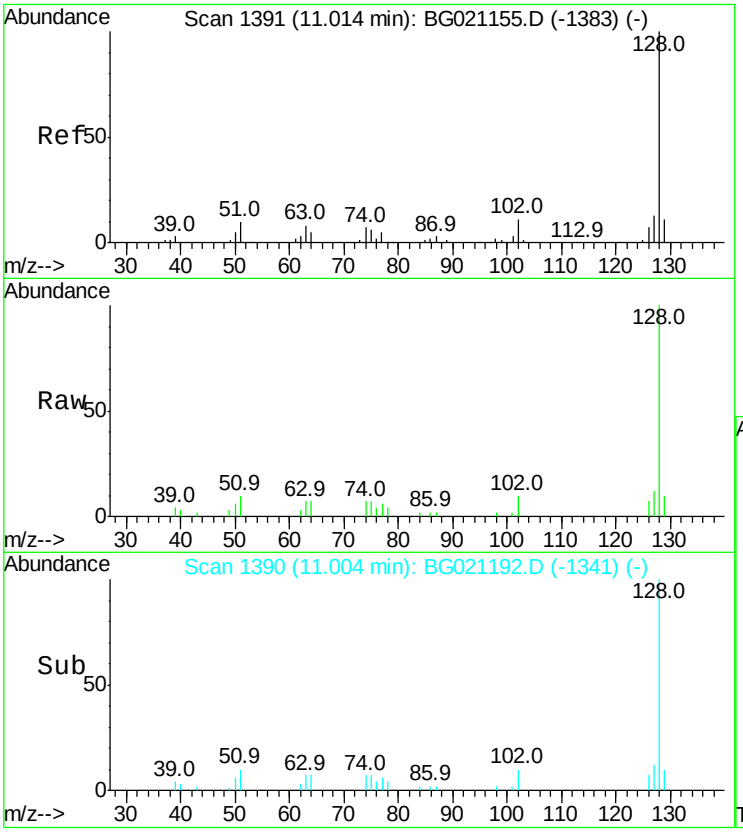


#23
Nitrobenzene-d5
Concen: 101.19 ng
RT: 9.31 min Scan# 1102
Delta R.T. -0.01 min
Lab File: BG021192.D
Acq: 1 Mar 2016 20:25

Tgt Ion: 82 Resp: 129347

Ion	Ratio	Lower	Upper
82	100		
128	35.8	36.3	54.5#
54	50.1	37.6	56.4



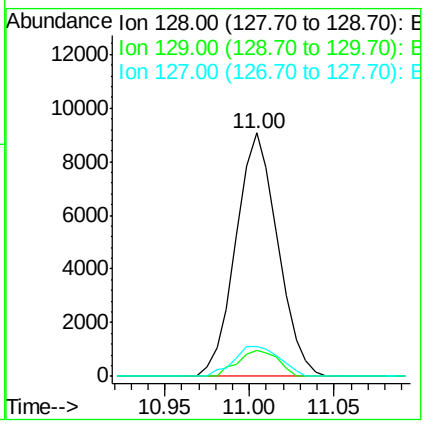


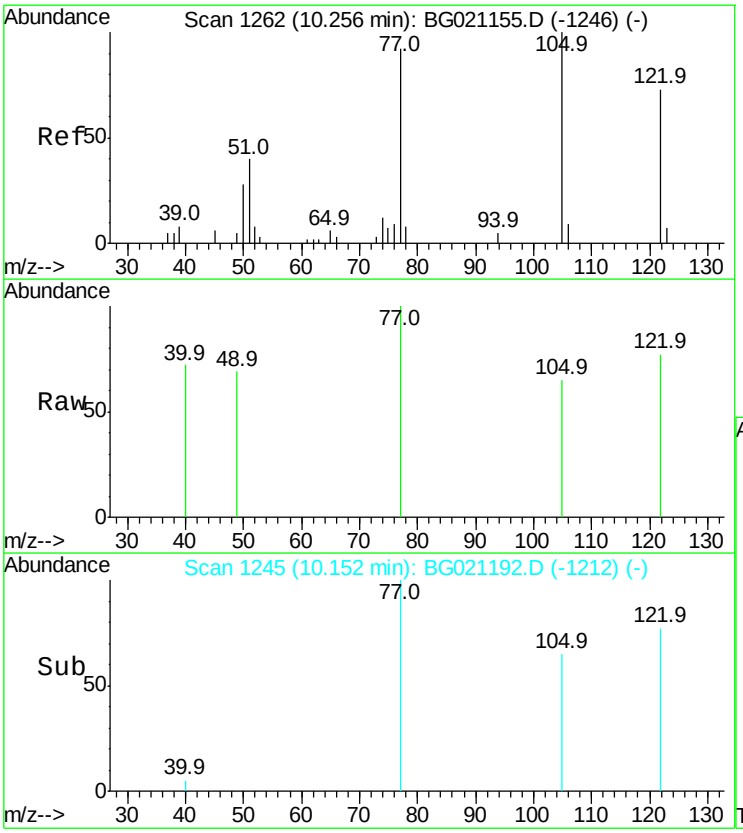
#31
Naphthalene
Concen: 5.56 ng
RT: 11.00 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BG021192.D
Acq: 1 Mar 2016 20:25

Instrument :
BNA_G
ClientSampleId :
CEB-1(10-12)20160224

Tgt Ion:128 Resp: 15675

Ion	Ratio	Lower	Upper
128	100		
129	10.5	9.4	14.2
127	12.3	10.8	16.2

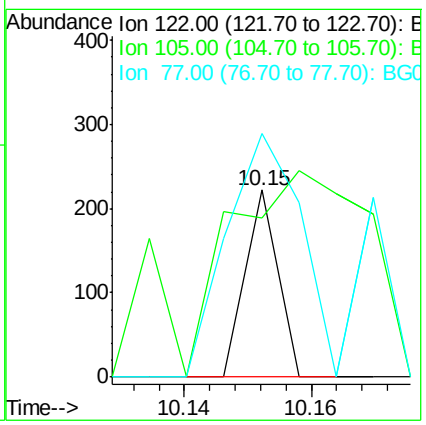


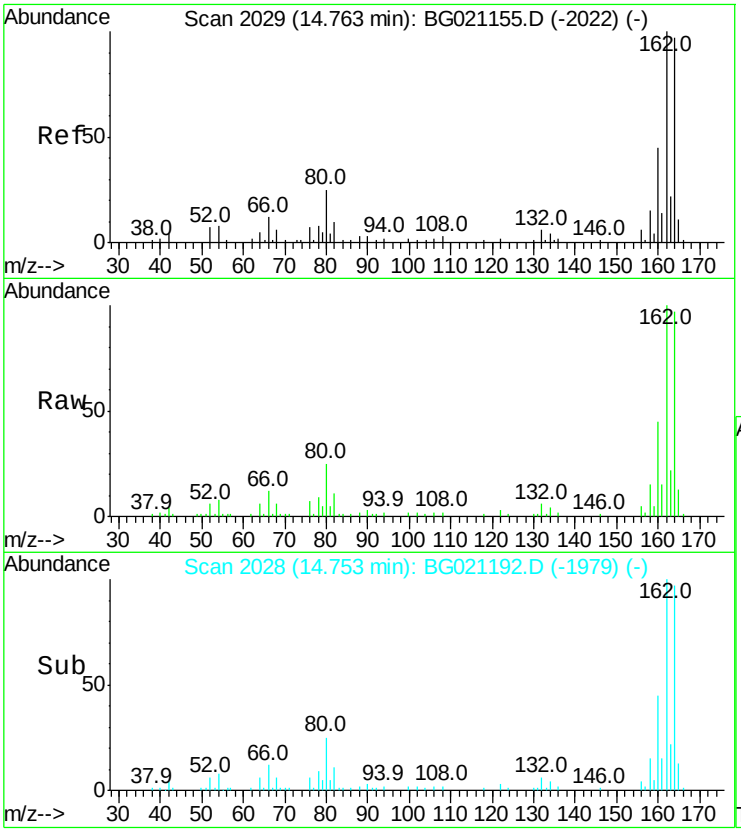


#32
Benzoic acid
Concen: 5.78 ng
RT: 10.15 min Scan# 1245
Delta R.T. -0.10 min
Lab File: BG021192.D
Acq: 1 Mar 2016 20:25

Tgt Ion:122 Resp: 78

Ion	Ratio	Lower	Upper
122	100		
105	85.1	98.7	138.7#
77	130.2	84.5	124.5#



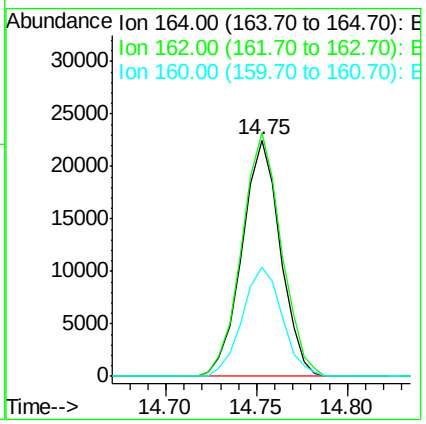


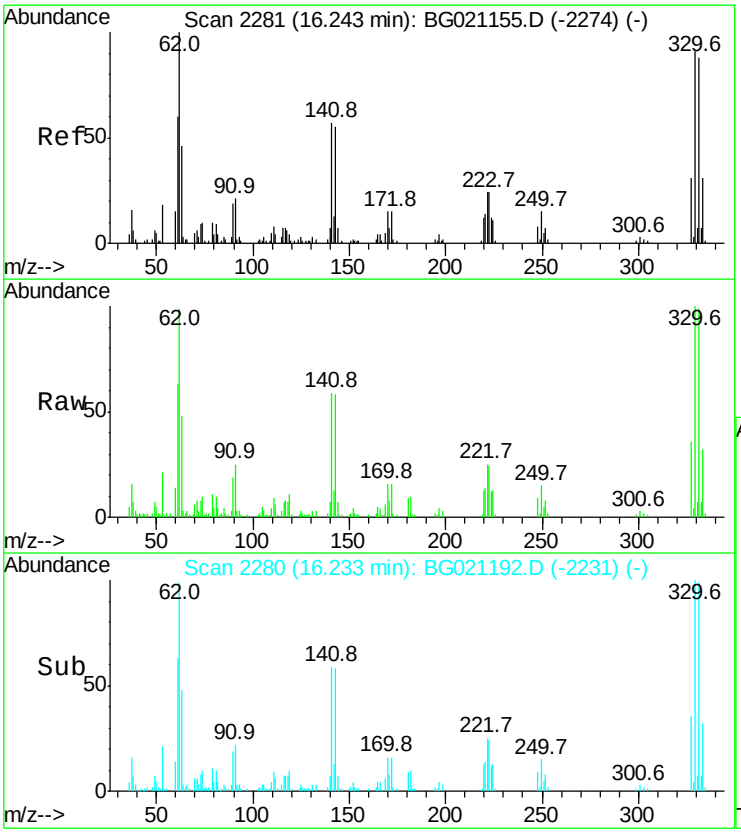
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BG021192.D
Acq: 1 Mar 2016 20:25

Instrument :
BNA_G
ClientSampleId :
CEB-1(10-12)20160224

Tgt Ion:164 Resp: 33144

Ion	Ratio	Lower	Upper
164	100		
162	103.2	80.6	120.8
160	46.4	36.5	54.7

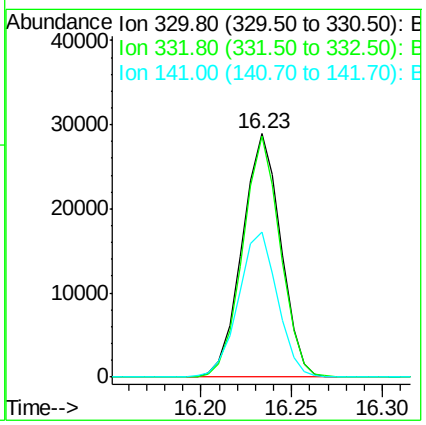


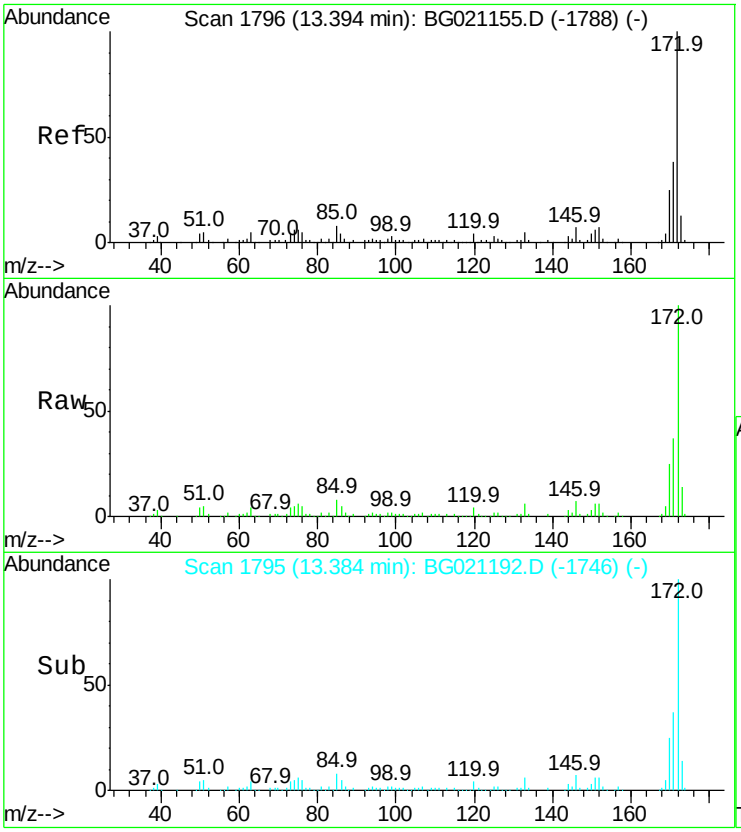


#41
2,4,6-Tribromophenol
Concen: 124.16 ng
RT: 16.23 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BG021192.D
Acq: 1 Mar 2016 20:25

Tgt Ion:330 Resp: 42815

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.4	116.0
141	60.3	35.3	52.9#



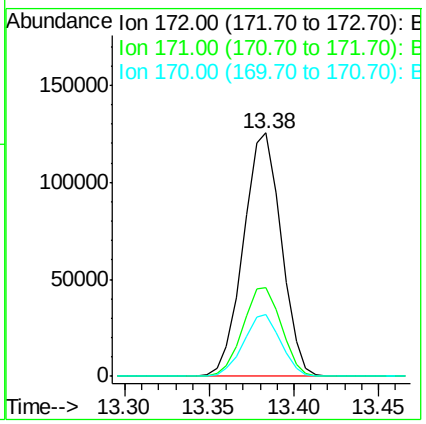


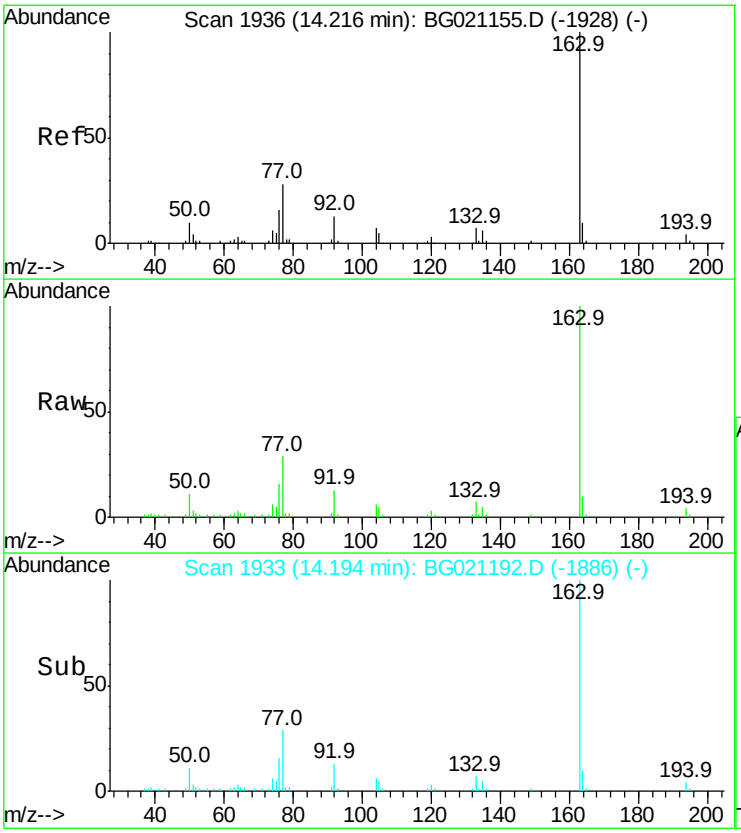
#44
2-Fluorobiphenyl
Concen: 83.95 ng
RT: 13.38 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BG021192.D
Acq: 1 Mar 2016 20:25

Instrument :
BNA_G
ClientSampleId :
CEB-1(10-12)20160224

Tgt Ion:172 Resp: 195946

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.0
170	25.2	19.8	29.8

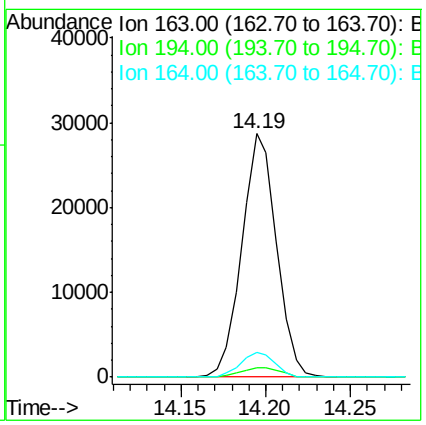


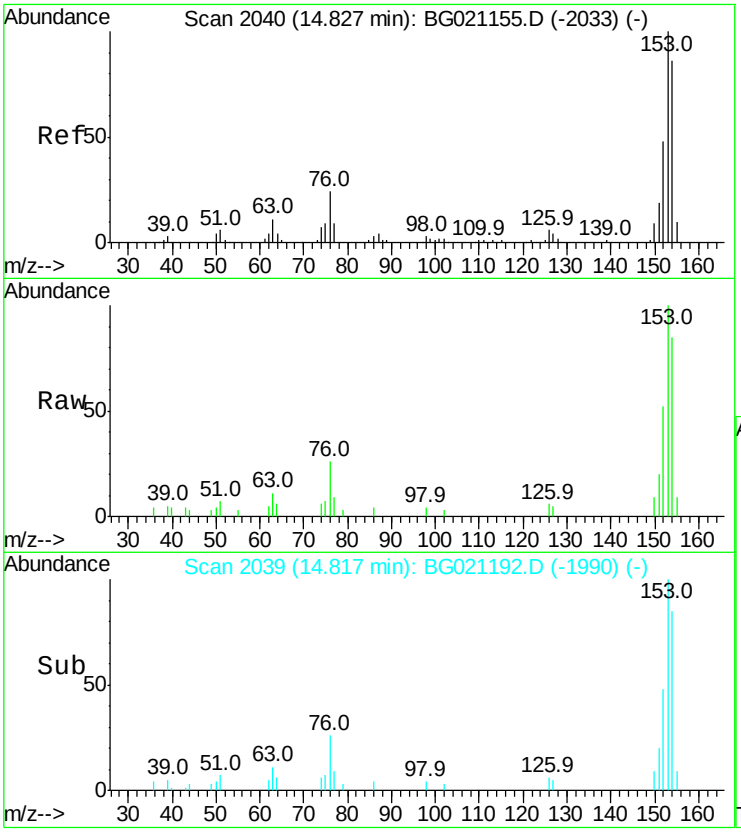


#49
Dimethylphthalate
Concen: 13.83 ng
RT: 14.19 min Scan# 1933
Delta R.T. -0.02 min
Lab File: BG021192.D
Acq: 1 Mar 2016 20:25

Tgt Ion:163 Resp: 40853

Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.8	4.2
164	10.1	7.9	11.9



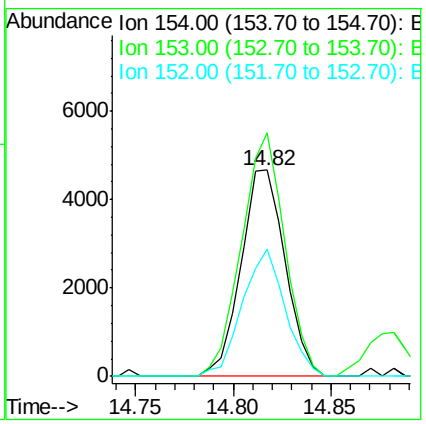


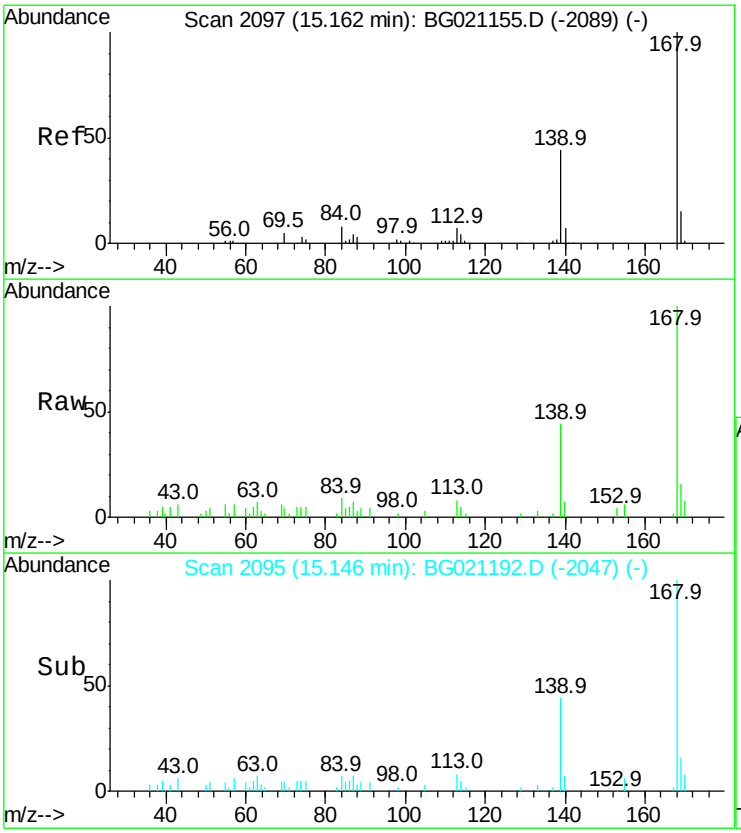
#51
Acenaphthene
Concen: 3.32 ng
RT: 14.82 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BG021192.D
Acq: 1 Mar 2016 20:25

Instrument :
BNA_G
ClientSampleId :
CEB-1(10-12)20160224

Tgt Ion:154 Resp: 7293

Ion	Ratio	Lower	Upper
154	100		
153	118.0	94.2	141.2
152	61.5	42.9	64.3

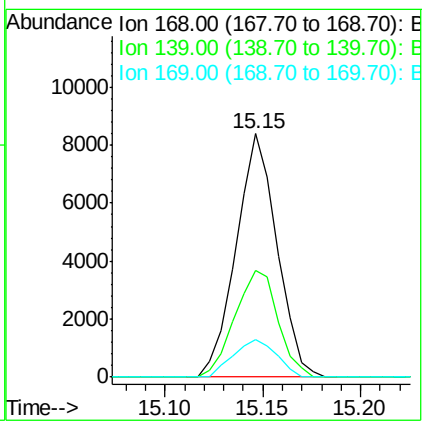


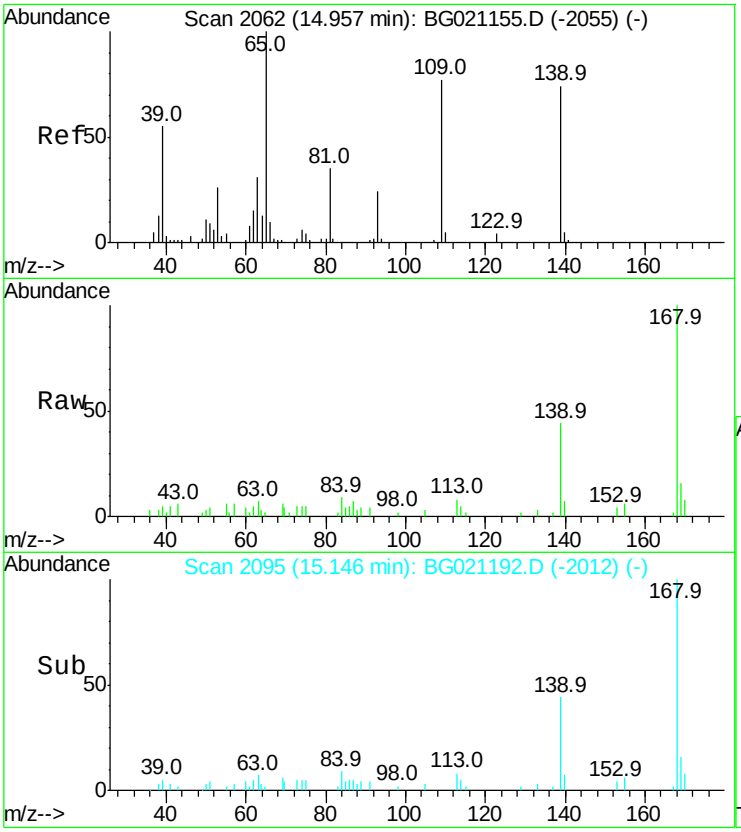


#54
Dibenzofuran
Concen: 4.12 ng
RT: 15.15 min Scan# 2095
Delta R.T. -0.02 min
Lab File: BG021192.D
Acq: 1 Mar 2016 20:25

Tgt Ion:168 Resp: 12106

Ion	Ratio	Lower	Upper
168	100		
139	43.8	29.8	44.8
169	15.6	11.4	17.2



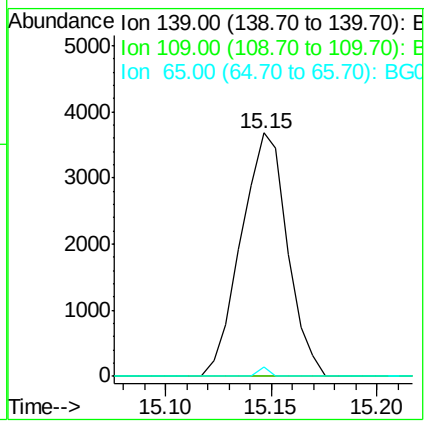


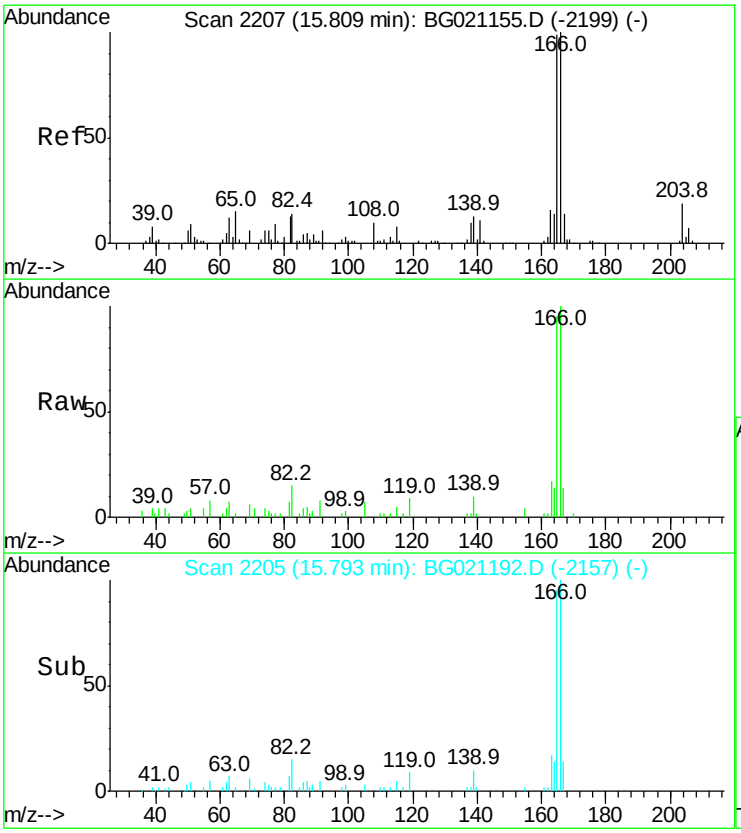
#55
4-Nitrophenol
Concen: 9.84 ng
RT: 15.15 min Scan# 2095
Delta R.T. 0.19 min
Lab File: BG021192.D
Acq: 1 Mar 2016 20:25

Instrument :
BNA_G
ClientSampleId :
CEB-1(10-12)20160224

Tgt Ion:139 Resp: 5597

Ion	Ratio	Lower	Upper
139	100		
109	0.0	54.1	94.1#
65	4.1	73.4	113.4#

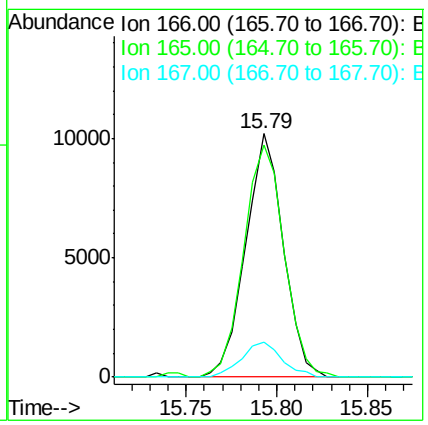


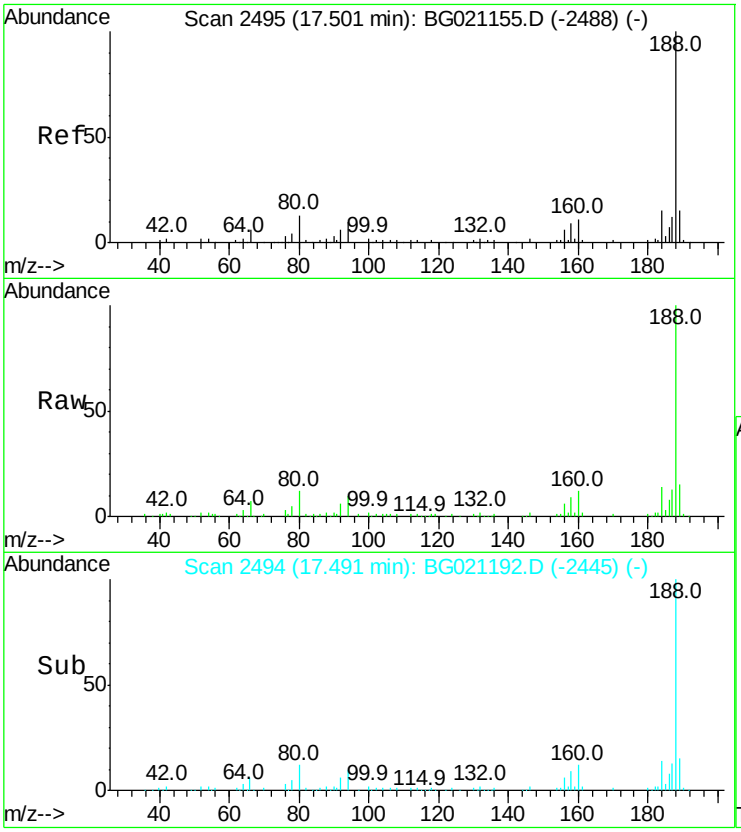


#57
Fluorene
Concen: 5.25 ng
RT: 15.79 min Scan# 2205
Delta R.T. -0.02 min
Lab File: BG021192.D
Acq: 1 Mar 2016 20:25

Tgt Ion:166 Resp: 14703

Ion	Ratio	Lower	Upper
166	100		
165	95.4	81.3	121.9
167	14.1	10.6	16.0



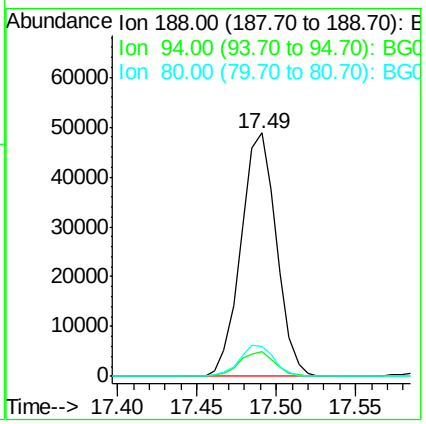


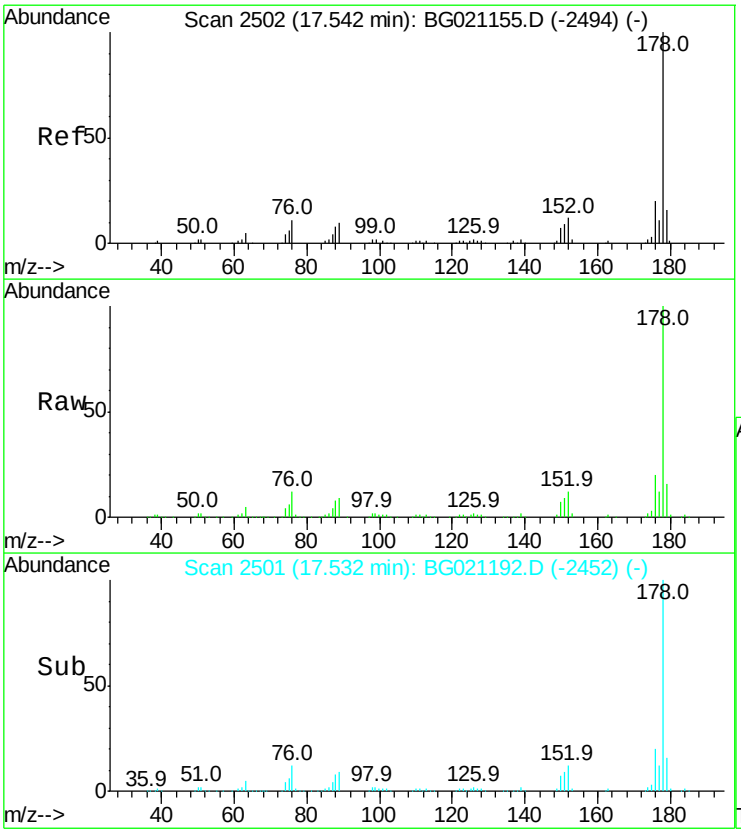
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2494
Delta R.T. -0.01 min
Lab File: BG021192.D
Acq: 1 Mar 2016 20:25

Instrument :
BNA_G
ClientSampleId :
CEB-1(10-12)20160224

Tgt Ion:188 Resp: 75701

Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.2	12.4
80	12.3	9.2	13.8

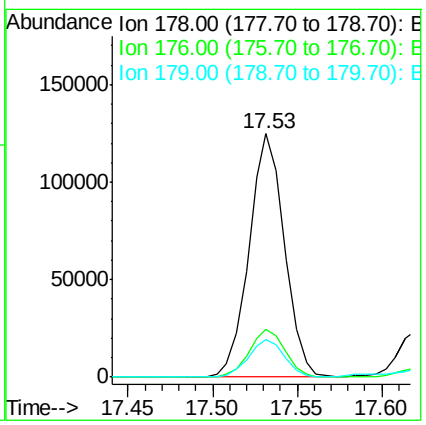


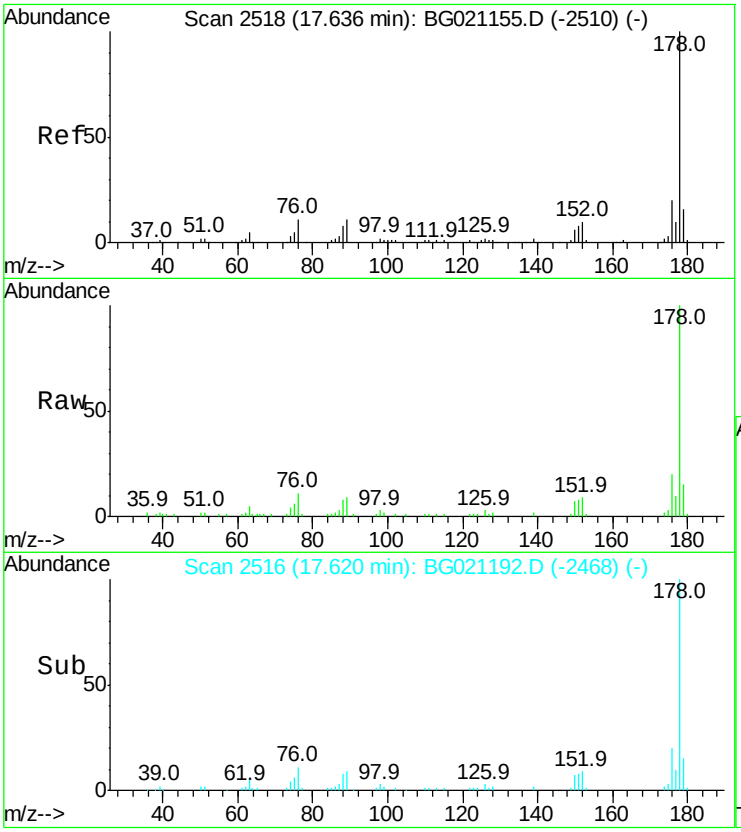


#70
Phenanthrene
Concen: 44.25 ng
RT: 17.53 min Scan# 2501
Delta R.T. -0.01 min
Lab File: BG021192.D
Acq: 1 Mar 2016 20:25

Tgt Ion:178 Resp: 180771

Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.2	24.4
179	15.5	12.9	19.3



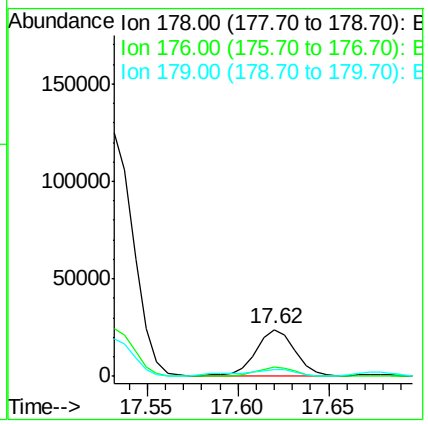


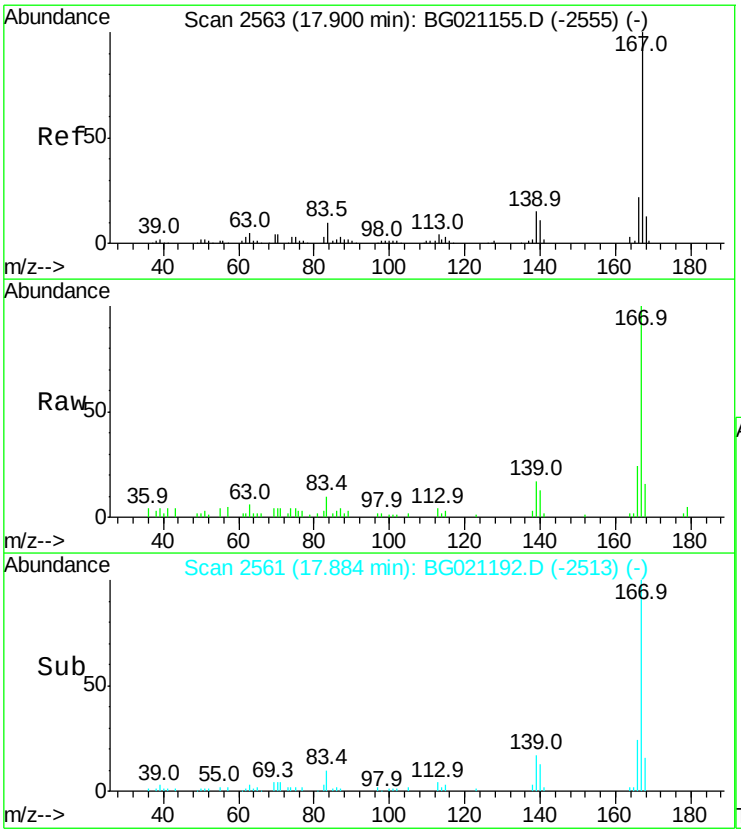
#71
Anthracene
Concen: 8.54 ng
RT: 17.62 min Scan# 2516
Delta R.T. -0.02 min
Lab File: BG021192.D
Acq: 1 Mar 2016 20:25

Instrument :
BNA_G
ClientSampleId :
CEB-1(10-12)20160224

Tgt Ion:178 Resp: 35693

Ion	Ratio	Lower	Upper
178	100		
176	19.7	14.8	22.2
179	14.5	12.6	19.0

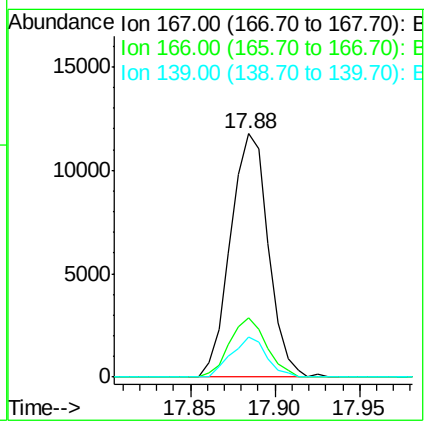


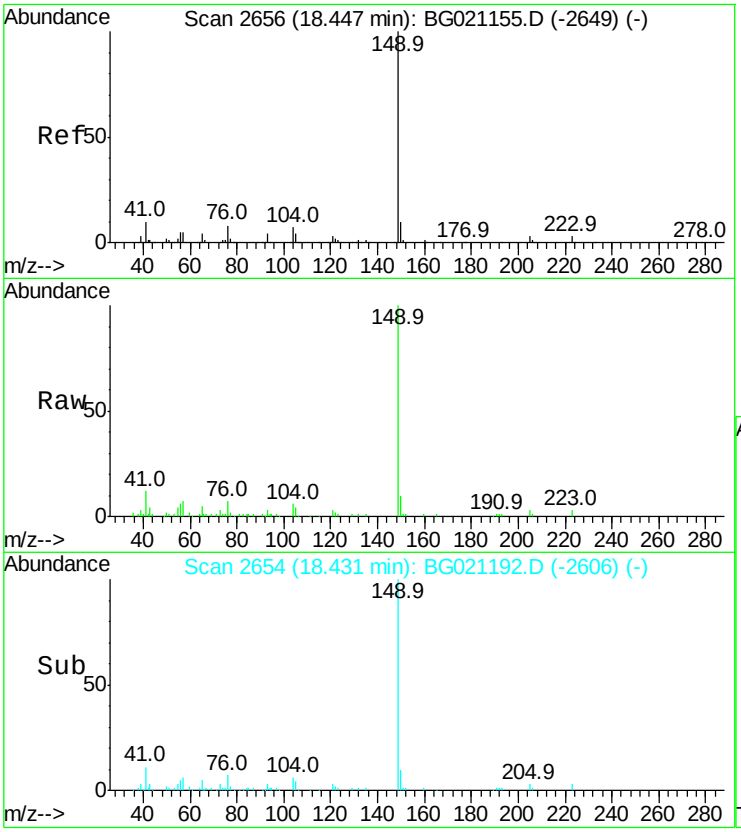


#72
Carbazole
Concen: 4.95 ng
RT: 17.88 min Scan# 2561
Delta R.T. -0.02 min
Lab File: BG021192.D
Acq: 1 Mar 2016 20:25

Tgt Ion:167 Resp: 18359

Ion	Ratio	Lower	Upper
167	100		
166	24.1	17.5	26.3
139	16.6	10.3	15.5#



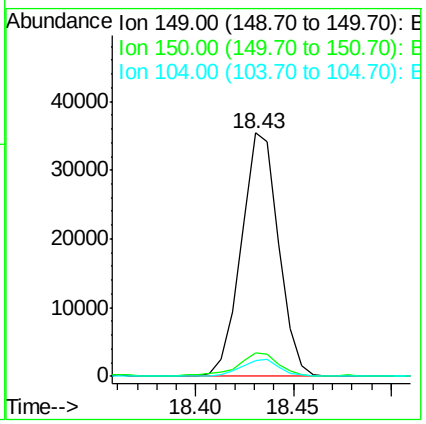


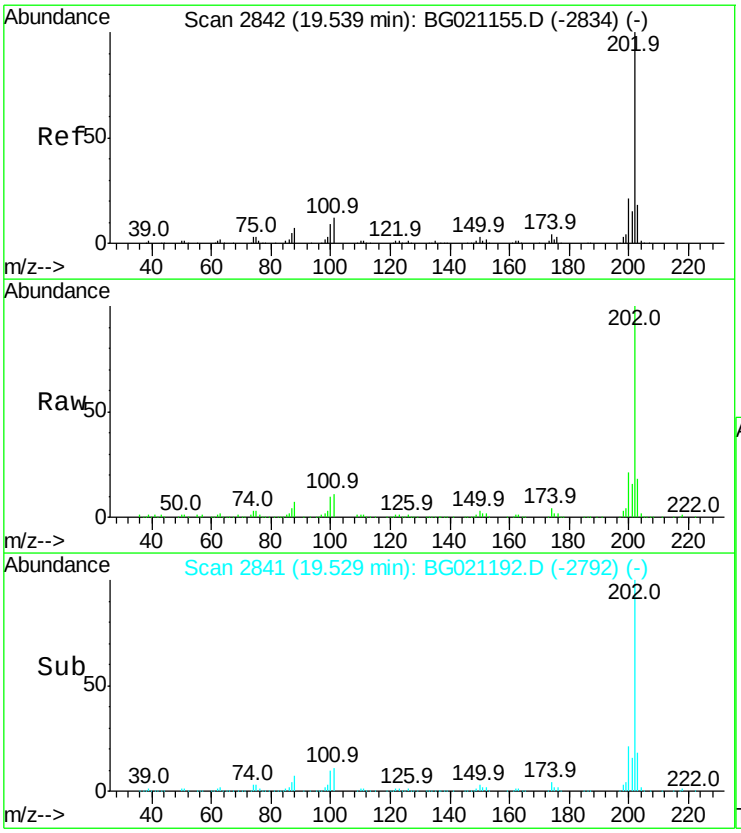
#73
Di-n-butylphthalate
Concen: 8.96 ng
RT: 18.43 min Scan# 2654
Delta R.T. -0.02 min
Lab File: BG021192.D
Acq: 1 Mar 2016 20:25

Instrument :
BNA_G
ClientSampleId :
CEB-1(10-12)20160224

Tgt Ion:149 Resp: 46678

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.6	11.4
104	6.4	4.1	6.1#

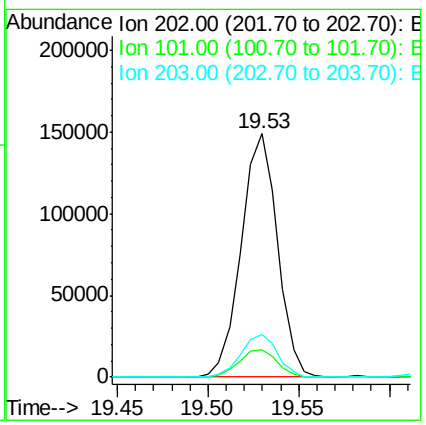


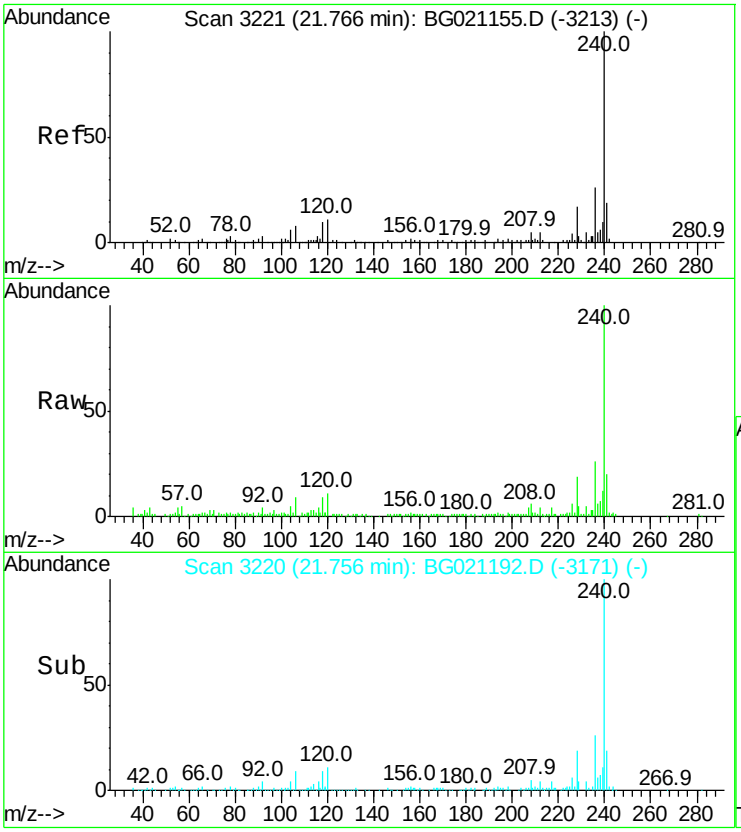


#74
Fluoranthene
Concen: 43.08 ng
RT: 19.53 min Scan# 2841
Delta R.T. -0.01 min
Lab File: BG021192.D
Acq: 1 Mar 2016 20:25

Tgt Ion:202 Resp: 206787

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	32.5
203	17.7	0.0	37.6



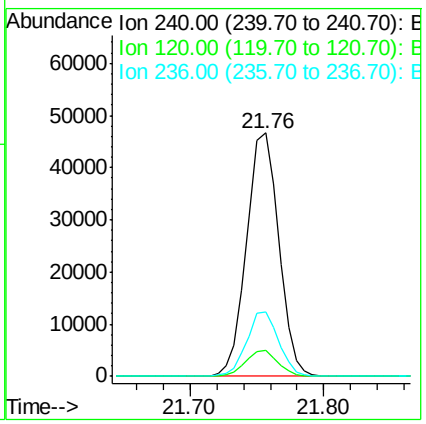


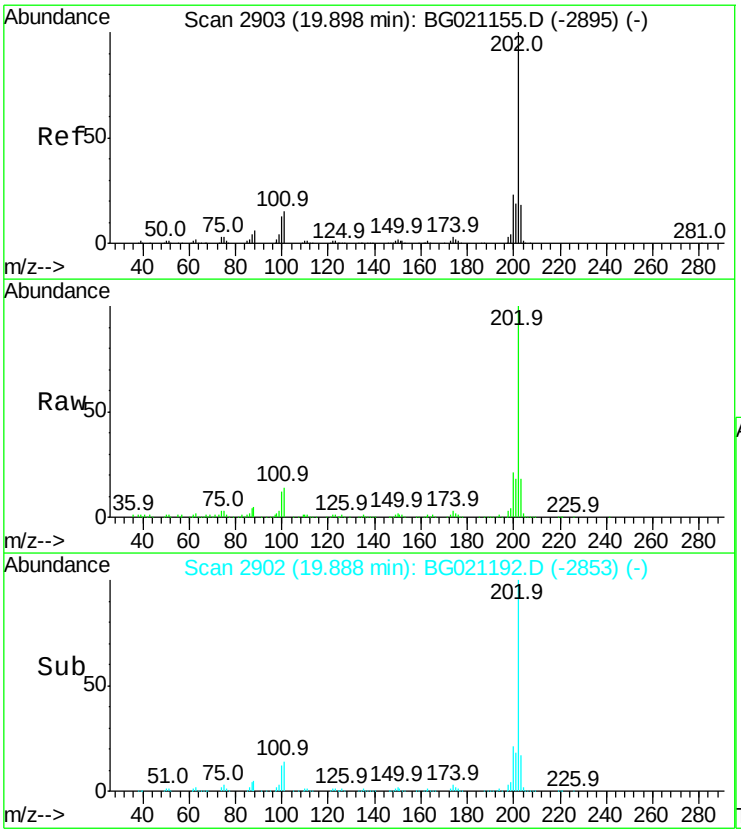
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 3220
Delta R.T. -0.01 min
Lab File: BG021192.D
Acq: 1 Mar 2016 20:25

Instrument :
BNA_G
ClientSampleId :
CEB-1(10-12)20160224

Tgt Ion:240 Resp: 77702

Ion	Ratio	Lower	Upper
240	100		
120	10.6	7.5	11.3
236	26.4	20.5	30.7

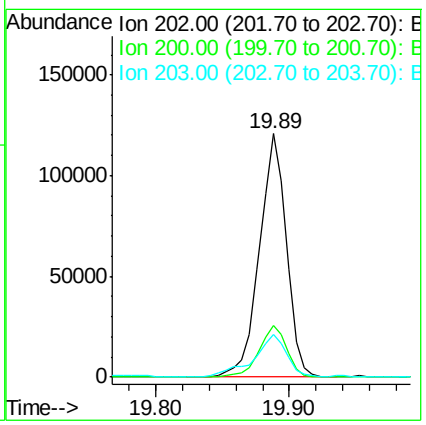


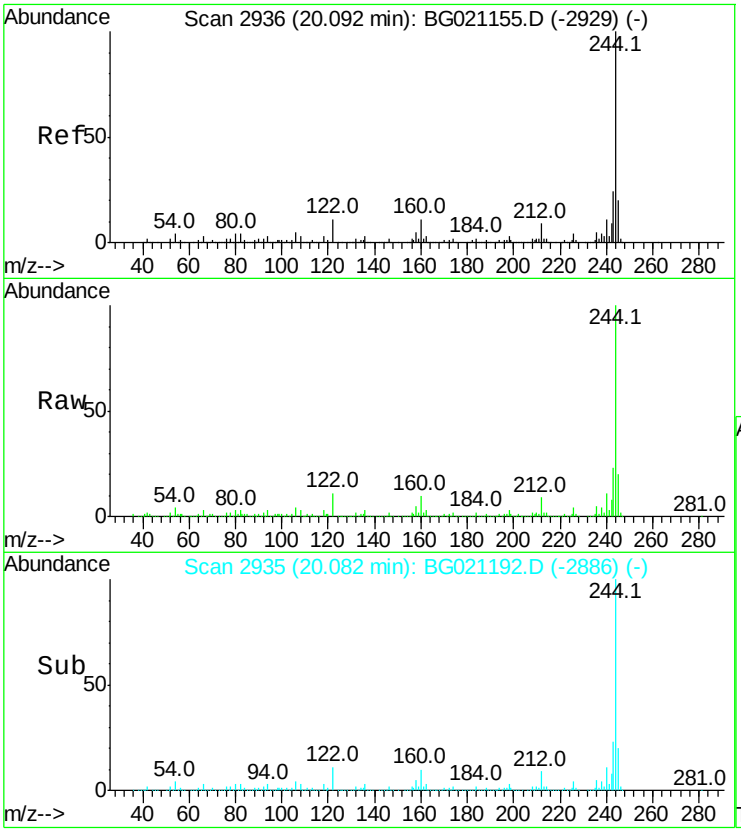


#77
Pyrene
Concen: 36.47 ng
RT: 19.89 min Scan# 2902
Delta R.T. -0.01 min
Lab File: BG021192.D
Acq: 1 Mar 2016 20:25

Tgt Ion:202 Resp: 169050

Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.6	25.0
203	17.6	13.8	20.8



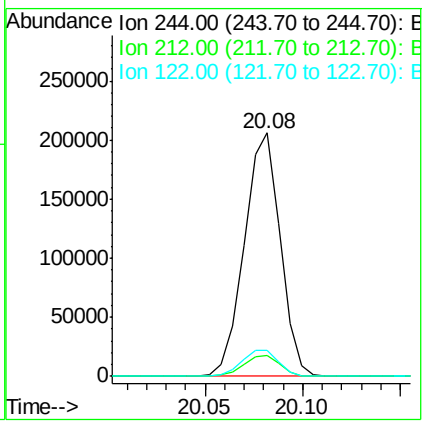


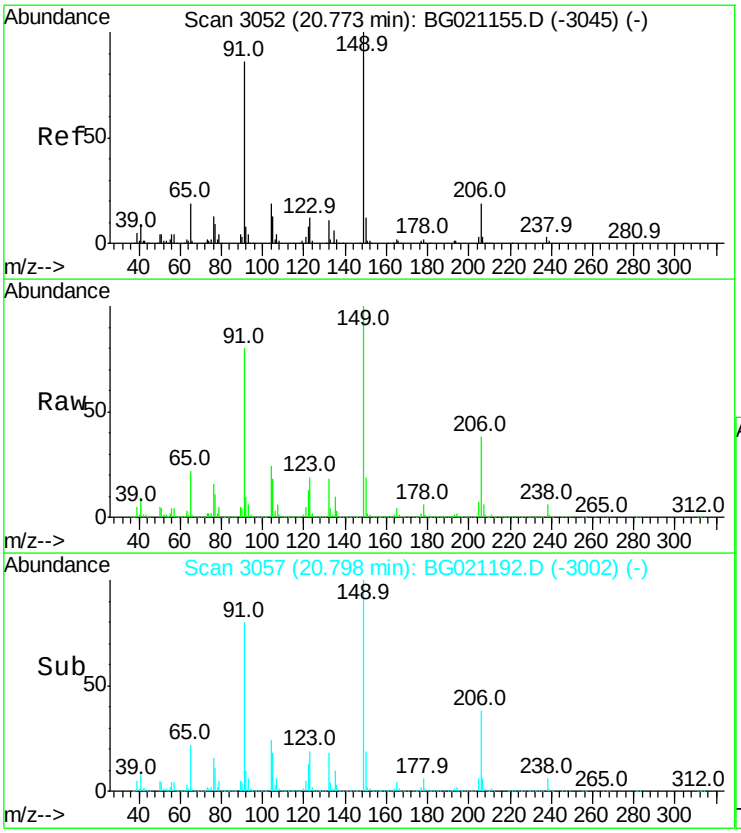
#78
Terphenyl-d14
Concen: 81.68 ng
RT: 20.08 min Scan# 2935
Delta R.T. -0.01 min
Lab File: BG021192.D
Acq: 1 Mar 2016 20:25

Instrument :
BNA_G
ClientSampleId :
CEB-1(10-12)20160224

Tgt Ion:244 Resp: 261969

Ion	Ratio	Lower	Upper
244	100		
212	8.8	5.8	8.6#
122	10.8	8.3	12.5

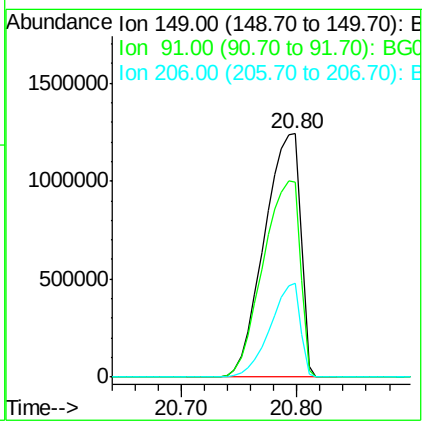


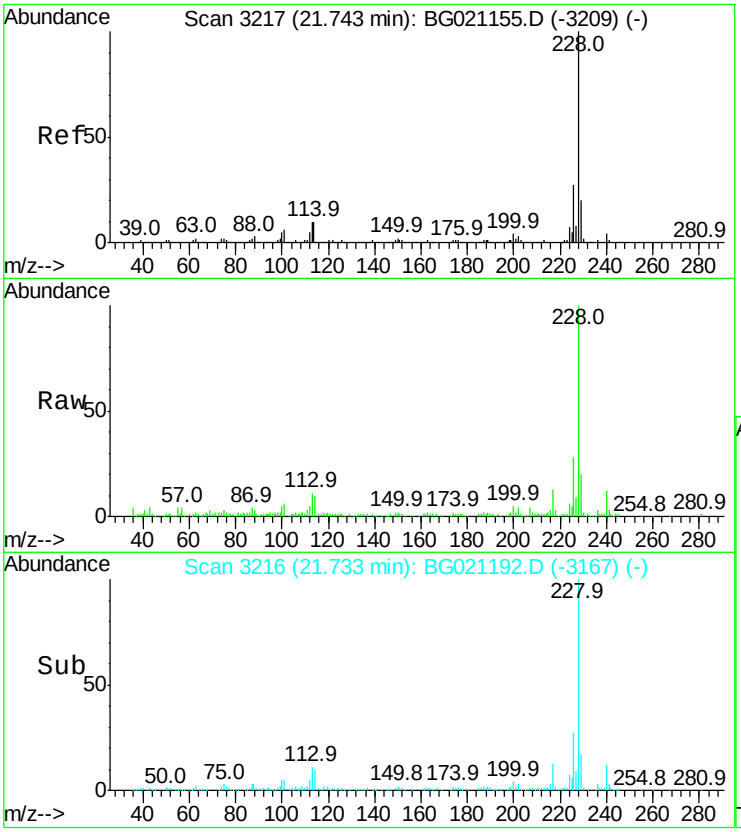


#79
Butylbenzylphthalate
Concen: 1151.59 ng
RT: 20.80 min Scan# 3057
Delta R.T. 0.03 min
Lab File: BG021192.D
Acq: 1 Mar 2016 20:25

Tgt Ion:149 Resp: 2724220

Ion	Ratio	Lower	Upper
149	100		
91	80.3	58.6	87.8
206	38.5	14.2	21.4#



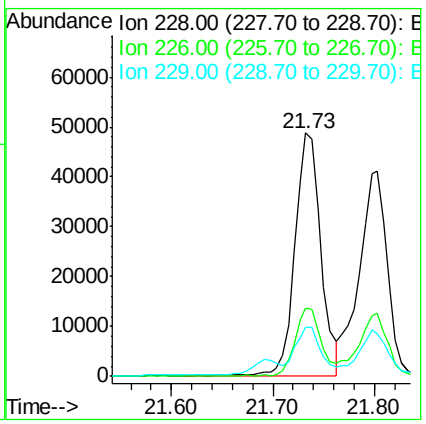


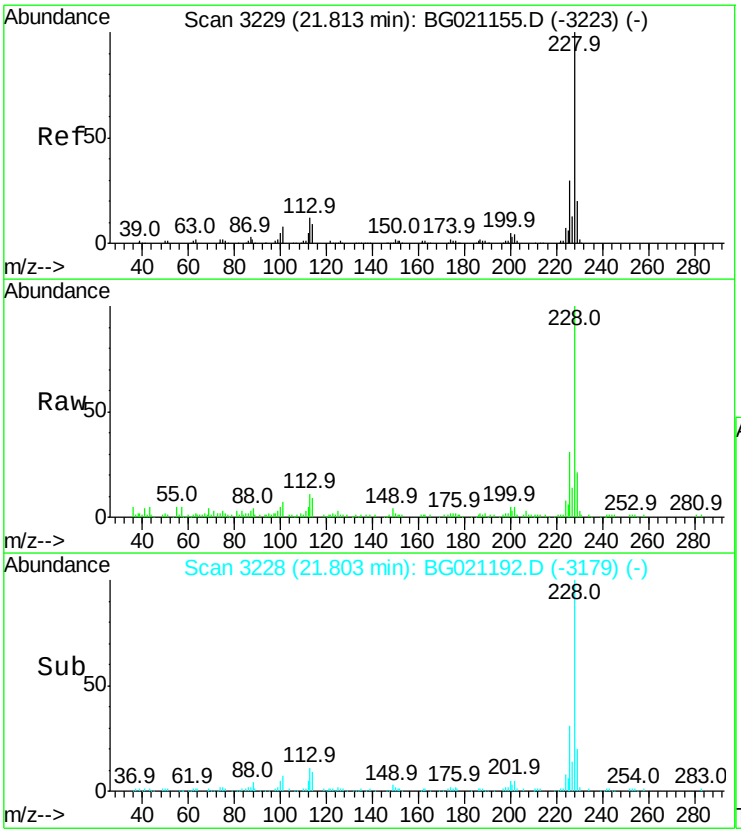
#80
Benzo(a)anthracene
Concen: 19.05 ng
RT: 21.73 min Scan# 3216
Delta R.T. -0.01 min
Lab File: BG021192.D
Acq: 1 Mar 2016 20:25

Instrument :
BNA_G
ClientSampleId :
CEB-1(10-12)20160224

Tgt Ion:228 Resp: 87644

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.7	34.1
229	20.1	15.5	23.3

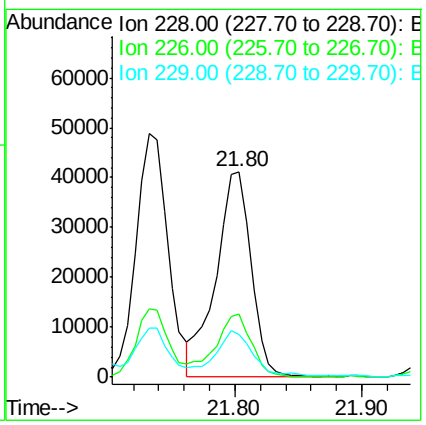


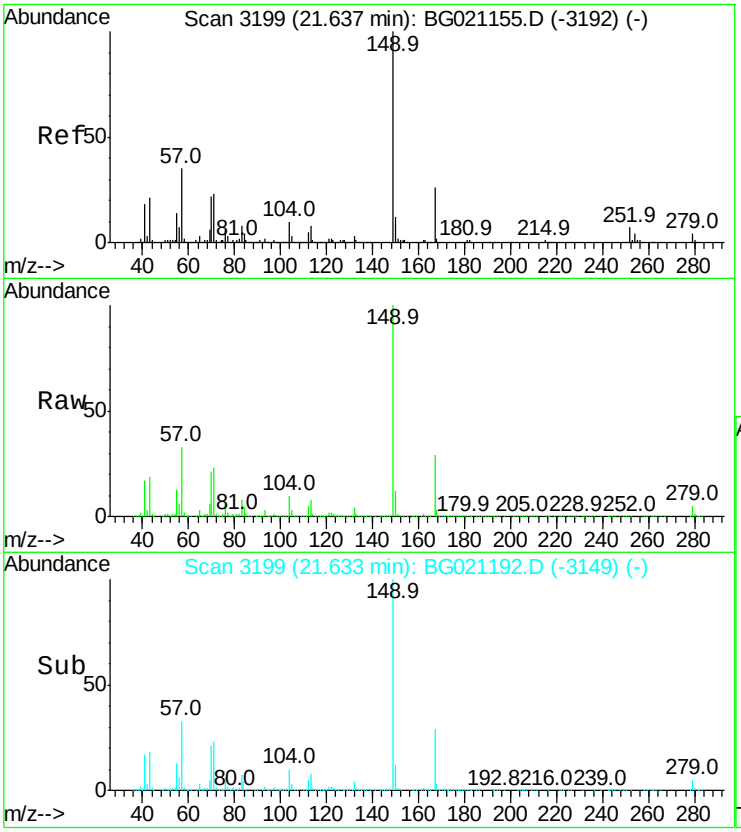


#82
Chrysene
Concen: 18.13 ng
RT: 21.80 min Scan# 3228
Delta R.T. -0.01 min
Lab File: BG021192.D
Acq: 1 Mar 2016 20:25

Tgt Ion:228 Resp: 79060

Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.7	35.5
229	20.8	16.7	25.1



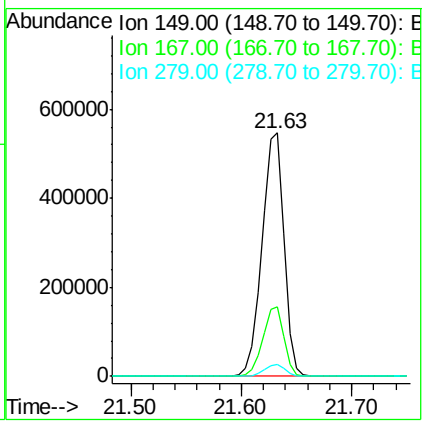


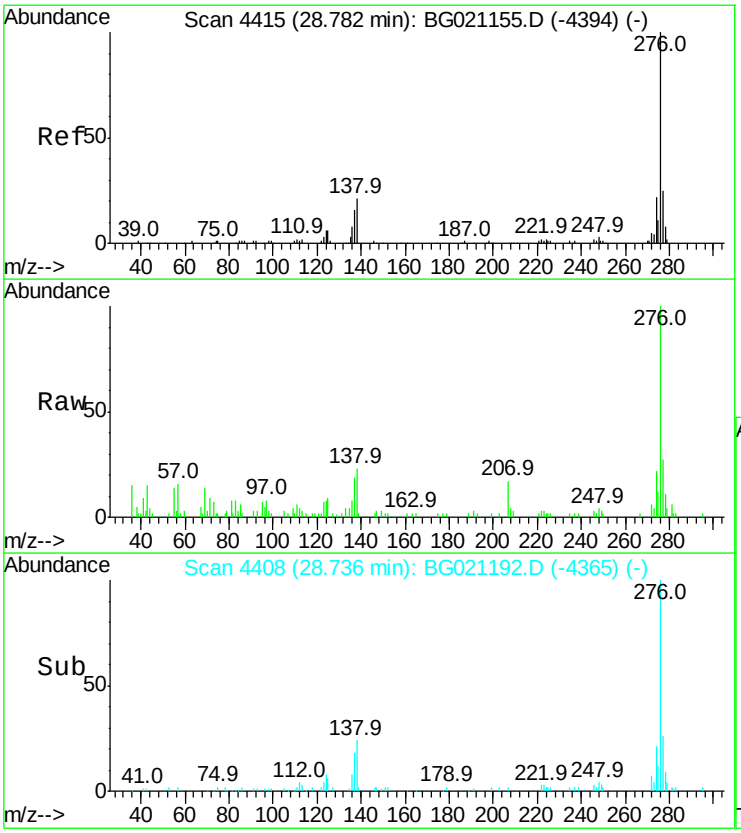
#83
Bis(2-ethylhexyl)phthalate
Concen: 219.57 ng
RT: 21.63 min Scan# 3199
Delta R.T. -0.00 min
Lab File: BG021192.D
Acq: 1 Mar 2016 20:25

Instrument :
BNA_G
ClientSampleId :
CEB-1(10-12)20160224

Tgt Ion:149 Resp: 761307

Ion	Ratio	Lower	Upper
149	100		
167	28.8	18.9	28.3#
279	5.1	3.0	4.6#

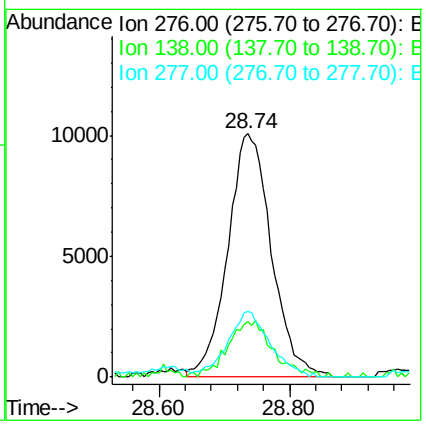


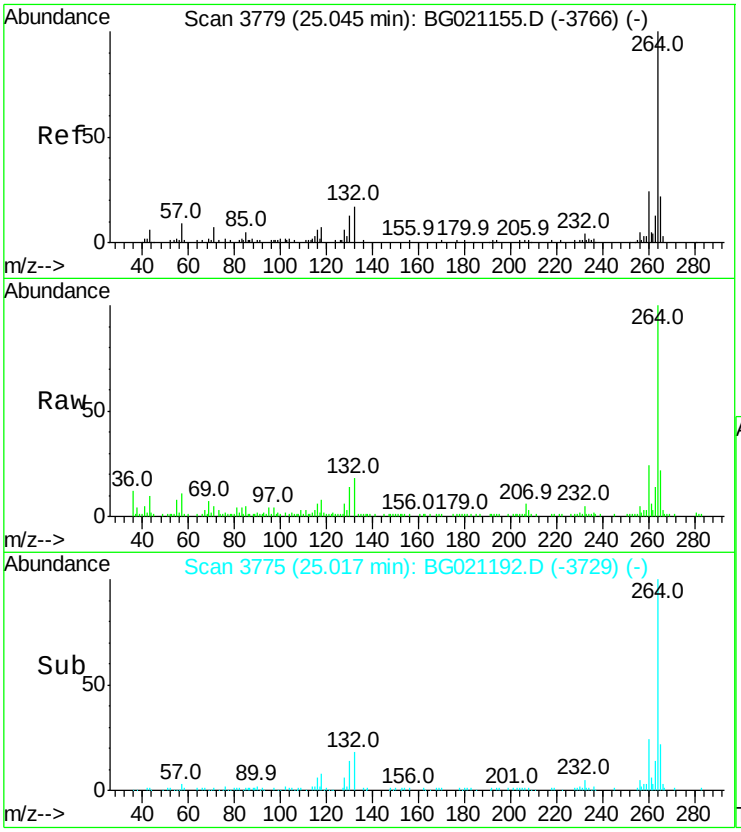


#85
Indeno(1,2,3-cd)pyrene
Concen: 9.37 ng
RT: 28.74 min Scan# 4408
Delta R.T. -0.05 min
Lab File: BG021192.D
Acq: 1 Mar 2016 20:25

Tgt Ion:276 Resp: 46819

Ion	Ratio	Lower	Upper
276	100		
138	24.1	0.0	0.0#
277	26.4	0.0	0.0#



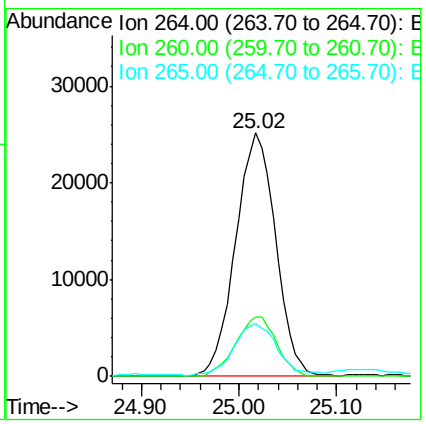


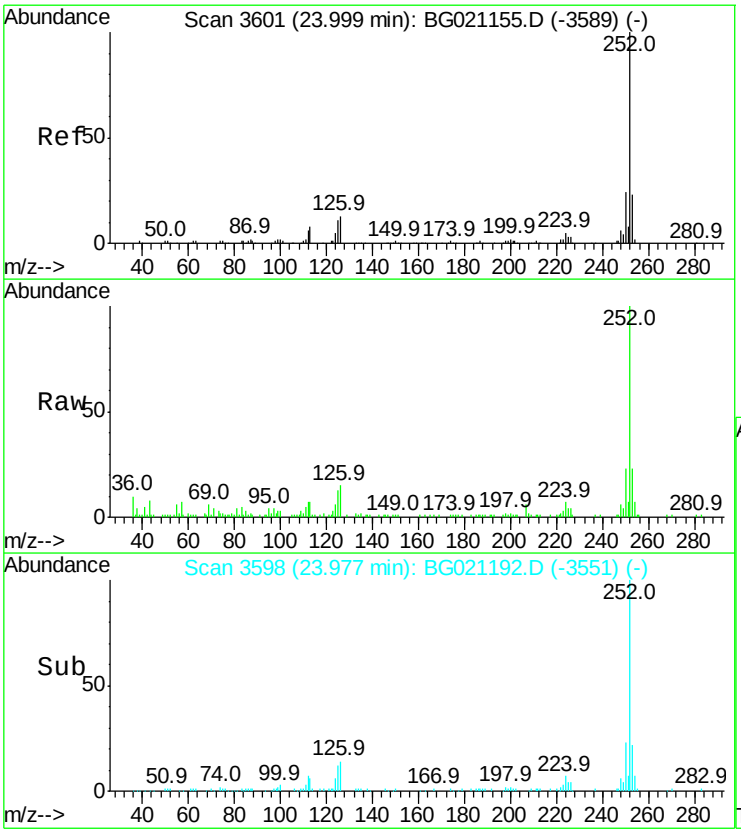
#86
Perylene-d12
Concen: 20.00 ng
RT: 25.02 min Scan# 3775
Delta R.T. -0.03 min
Lab File: BG021192.D
Acq: 1 Mar 2016 20:25

Instrument :
BNA_G
ClientSampleId :
CEB-1(10-12)20160224

Tgt Ion:264 Resp: 71924

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.5	27.7
265	21.9	18.6	28.0

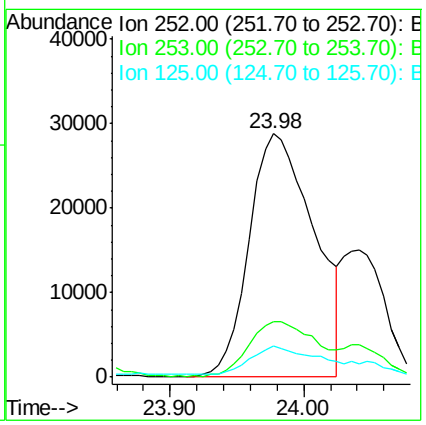


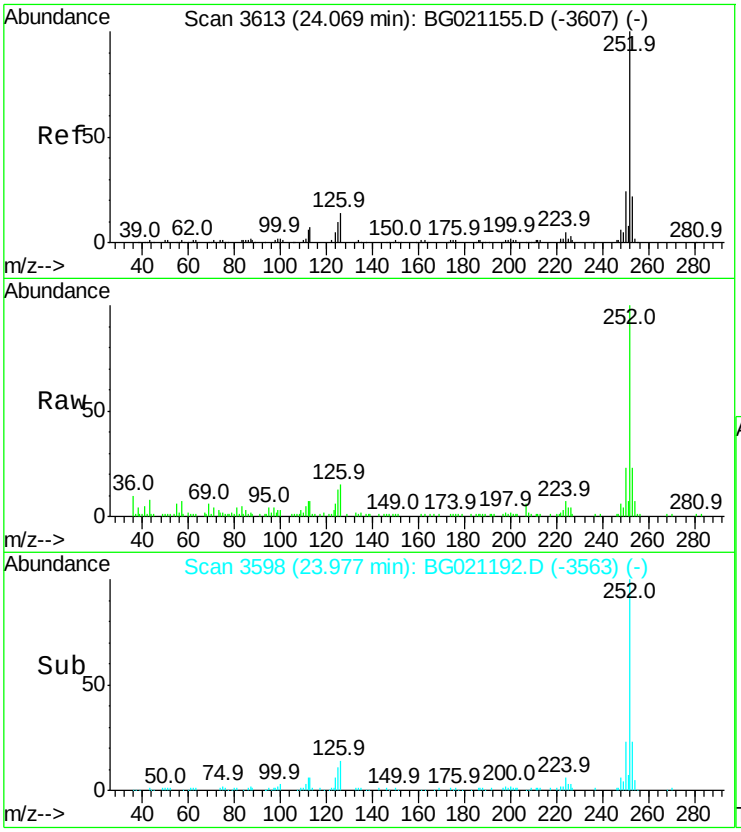


#87
Benzo(b)fluoranthene
Concen: 21.42 ng
RT: 23.98 min Scan# 3598
Delta R.T. -0.02 min
Lab File: BG021192.D
Acq: 1 Mar 2016 20:25

Tgt Ion:252 Resp: 96881

Ion	Ratio	Lower	Upper
252	100		
253	23.0	16.8	25.2
125	12.8	8.2	12.2#



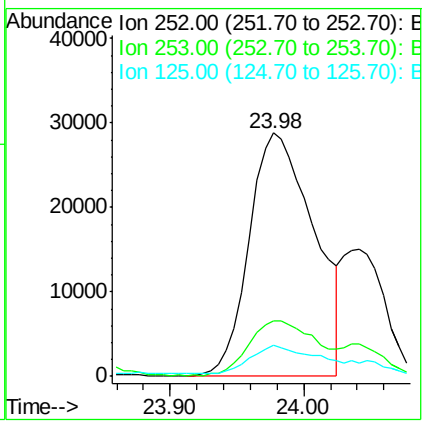


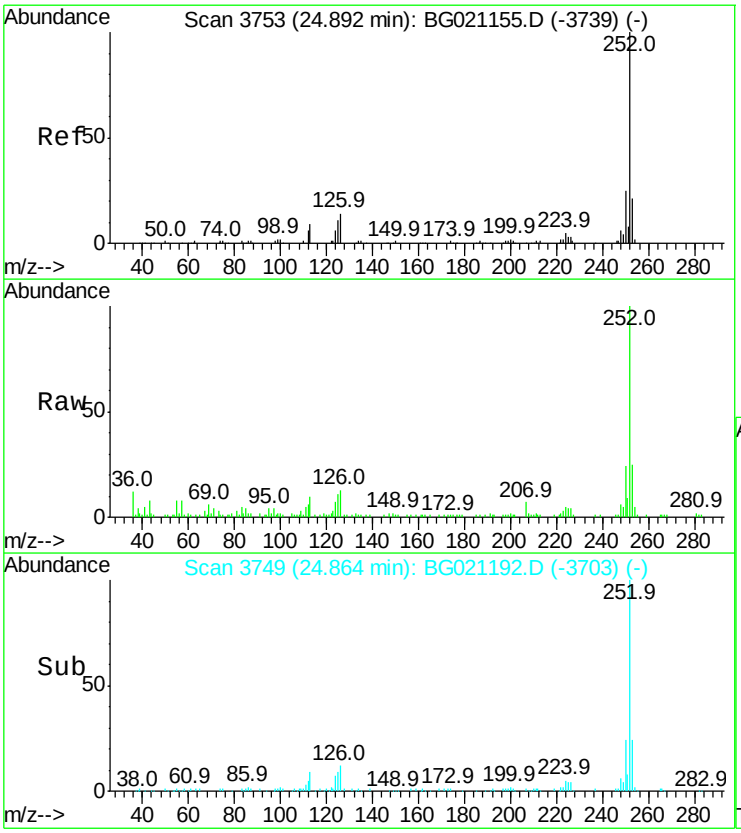
#88
Benzo(k)fluoranthene
Concen: 21.38 ng
RT: 23.98 min Scan# 3598
Delta R.T. -0.09 min
Lab File: BG021192.D
Acq: 1 Mar 2016 20:25

Instrument :
BNA_G
ClientSampleId :
CEB-1(10-12)20160224

Tgt Ion:252 Resp: 96881

Ion	Ratio	Lower	Upper
252	100		
253	23.0	16.4	24.6
125	12.8	8.2	12.2#

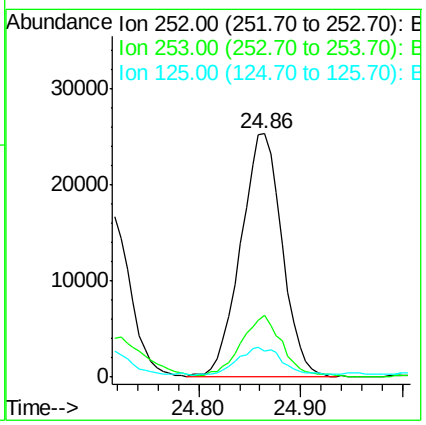


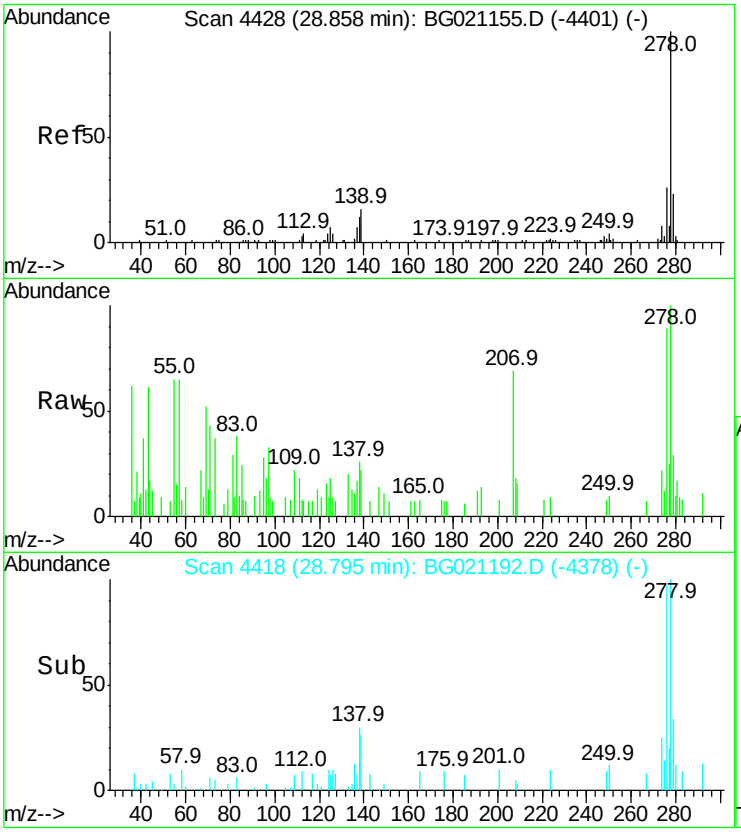


#89
Benzo(a)pyrene
Concen: 16.50 ng
RT: 24.86 min Scan# 3749
Delta R.T. -0.03 min
Lab File: BG021192.D
Acq: 1 Mar 2016 20:25

Tgt Ion:252 Resp: 72158

Ion	Ratio	Lower	Upper
252	100		
253	25.4	15.8	23.8#
125	10.5	8.4	12.6



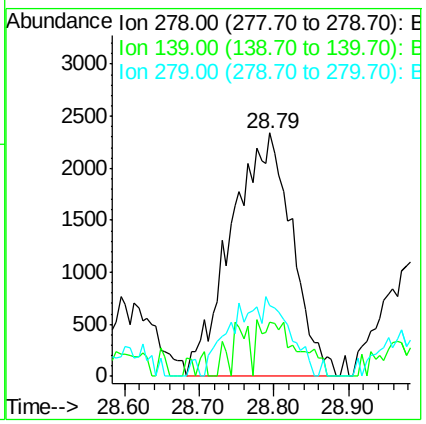


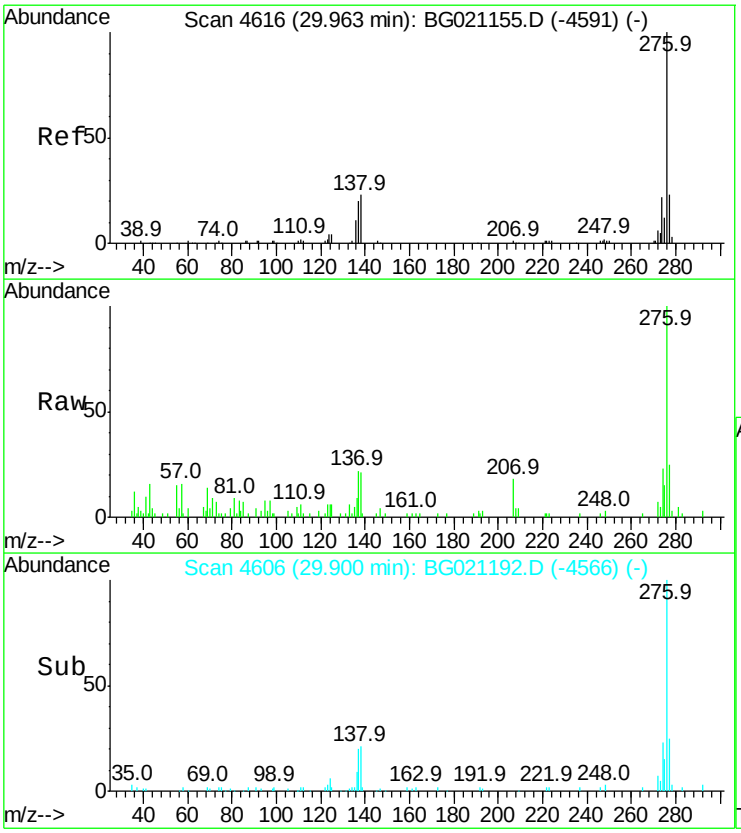
#90
Dibenzo(a,h)anthracene
Concen: 3.05 ng
RT: 28.79 min Scan# 4418
Delta R.T. -0.06 min
Lab File: BG021192.D
Acq: 1 Mar 2016 20:25

Instrument :
BNA_G
ClientSampleId :
CEB-1(10-12)20160224

Tgt Ion:278 Resp: 13209

Ion	Ratio	Lower	Upper
278	100		
139	22.1	10.6	15.8#
279	29.1	19.7	29.5





#91
Benzo(g,h,i)perylene
Concen: 10.46 ng
RT: 29.90 min Scan# 4606
Delta R.T. -0.06 min
Lab File: BG021192.D
Acq: 1 Mar 2016 20:25

Tgt Ion:276 Resp: 43734

Ion	Ratio	Lower	Upper
276	100		
277	25.4	16.6	25.0#
138	21.0	14.6	21.8