Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
Data File : BG021194.D
Acq On : 1 Mar 2016 21:44
Operator : UM/SJ
Sample : H1578-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CEB-8(2.5-5)20160224

Quant Time: Mar 01 23:56:50 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	8.15	152	12251	20.00	ng		-0.01
21) Naphthalene-d8	10.96	136	60158	20.00	ng		-0.01
38) Acenaphthene-d10	14.75	164	37376	20.00	ng		-0.01
63) Phenanthrene-d10	17.49	188	81240	20.00	ng		-0.01
75) Chrysene-d12	21.75	240	82910	20.00	ng		-0.02
86) Perylene-d12	25.02	264	78529	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	10585	13.74	ng		-0.01
7) Phenol-d6	7.29	99	116807	92.18	ng		0.00
23) Nitrobenzene-d5	9.31	82	107254	75.44	ng		-0.01
41) 2,4,6-Tribromophenol	16.23	330	1926	4.95	ng		-0.01
44) 2-Fluorobiphenyl	13.38	172	178577	67.85	ng		-0.01
78) Terphenyl-d14	20.08	244	229736	67.13	ng		-0.01
Target Compounds							Qvalue
31) Naphthalene	11.01	128	8974	2.86	ng		99
49) Dimethylphthalate	14.20	163	29995	9.01	ng		99
51) Acenaphthene	14.82	154	5395	2.18	ng		90
55) 4-Nitrophenol	15.15	139	2366	3.69	ng	#	7
57) Fluorene	15.79	166	8359	2.65	ng	#	96
70) Phenanthrene	17.53	178	112343	25.62	ng		99
71) Anthracene	17.62	178	20915	4.66	ng		99
74) Fluoranthene	19.53	202	129550	25.15	ng		98
77) Pyrene	19.89	202	132558	26.80	ng		98
80) Benzo(a)anthracene	21.73	228	60663	12.36	ng		99
82) Chrysene	21.80	228	59105	12.71	ng		99
85) Indeno(1,2,3-cd)pyrene	28.75	276	30432	5.71	ng	#	100
87) Benzo(b)fluoranthene	23.98	252	63699	12.90	ng	#	92
88) Benzo(k)fluoranthene	23.98	252	63699	12.88	ng	#	92
89) Benzo(a)pyrene	24.86	252	52227	10.94	ng	#	96
91) Benzo(g,h,i)perylene	29.92	276	29991	6.57	ng	#	87

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
Data File : BG021194.D
Acq On : 1 Mar 2016 21:44
Operator : UM/SJ
Sample : H1578-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CEB-8(2.5-5)20160224

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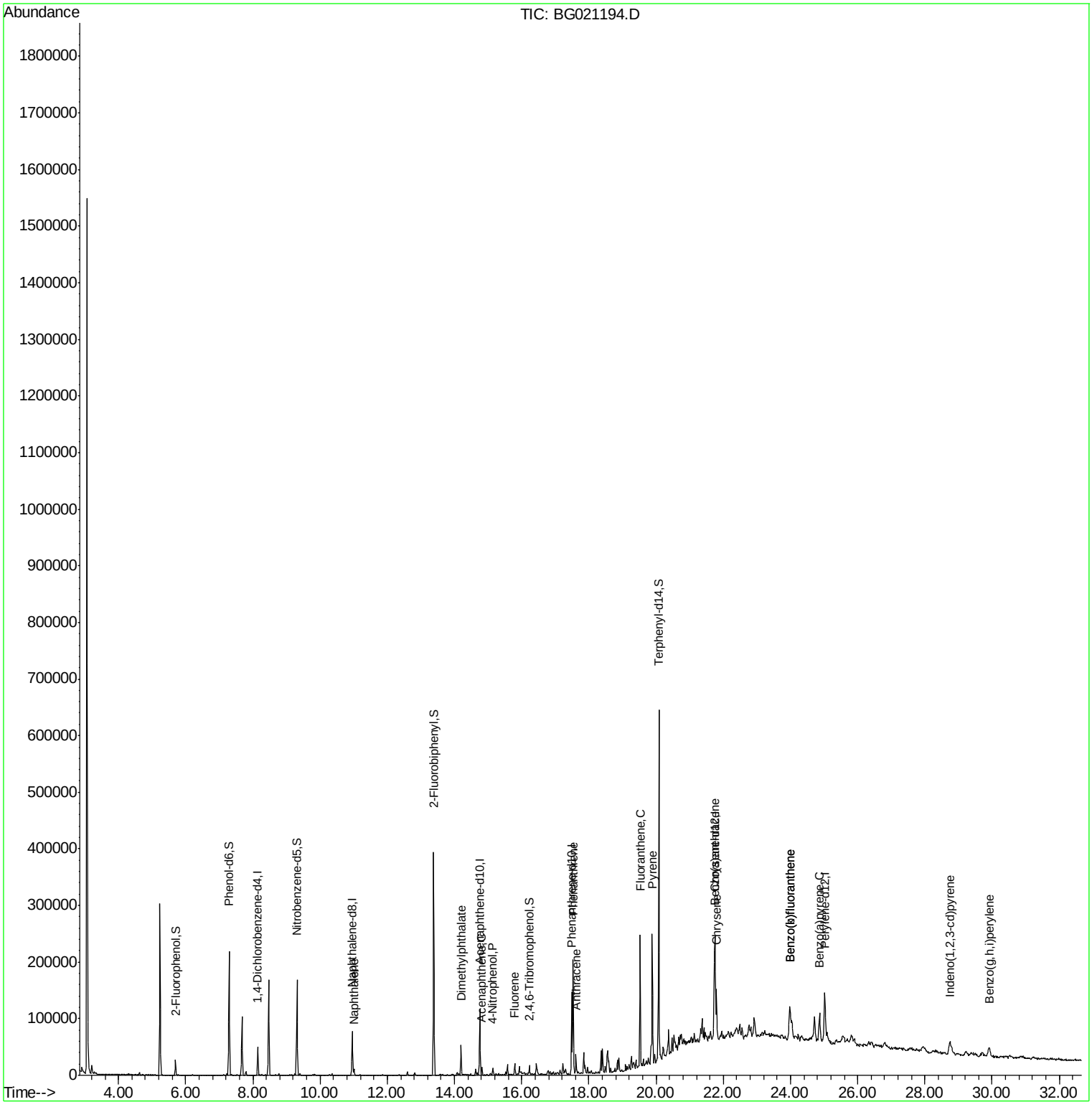
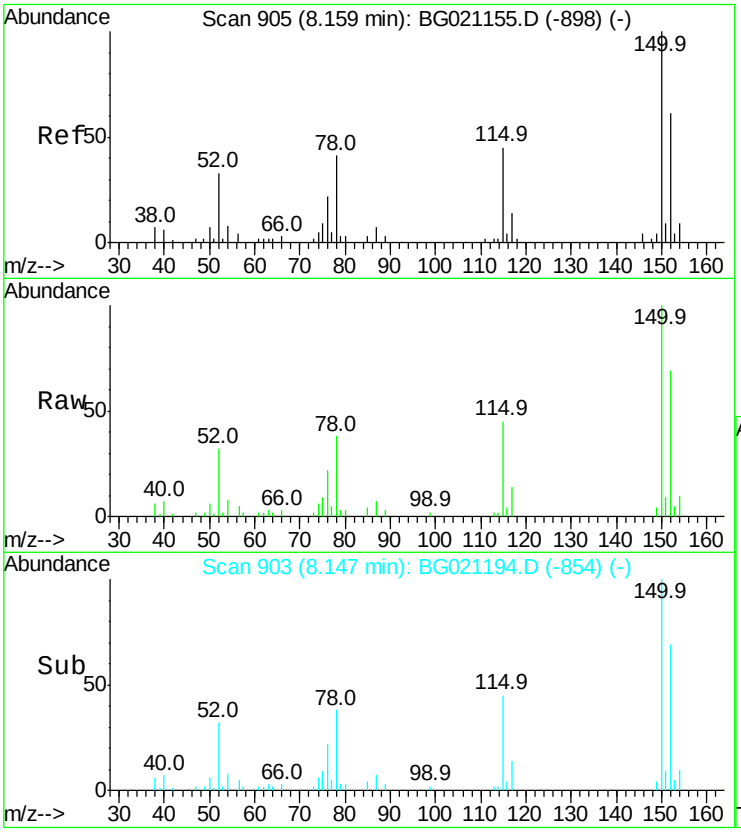
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 29 17:40:25 2016
Response via : Initial Calibration



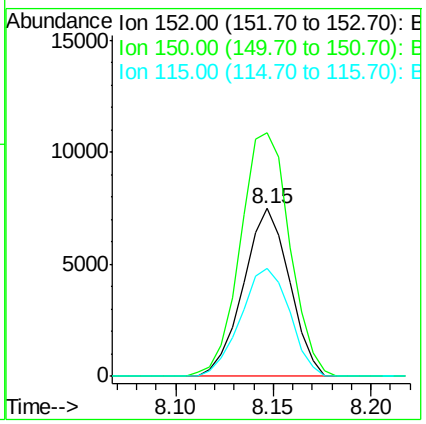


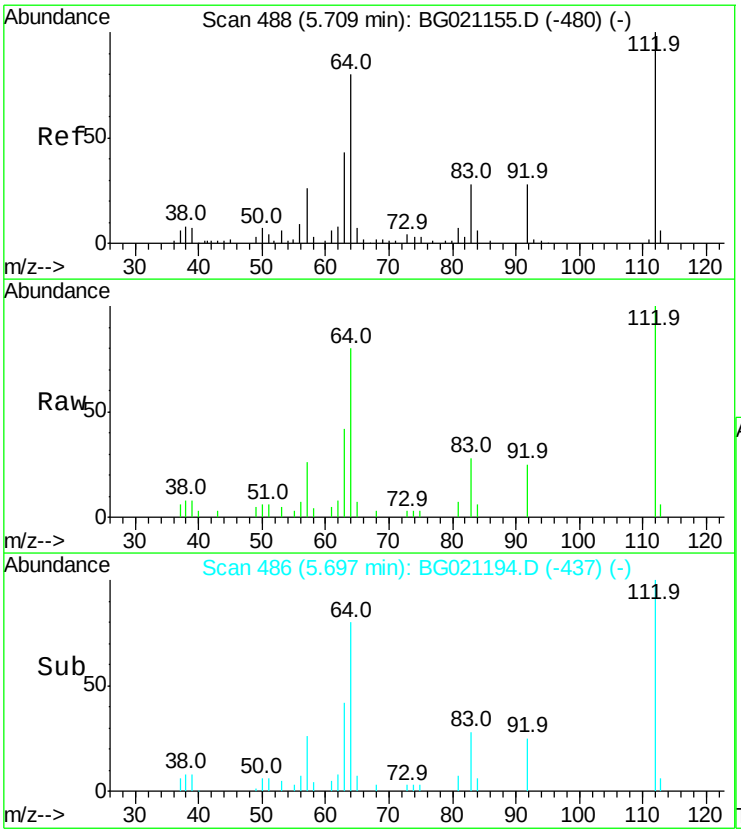
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 903
Delta R.T. -0.01 min
Lab File: BG021194.D
Acq: 1 Mar 2016 21:44

Instrument :
BNA_G
ClientSampleId :
CEB-8(2.5-5)20160224

Tgt Ion:152 Resp: 12251

Ion	Ratio	Lower	Upper
152	100		
150	145.2	123.4	185.2
115	64.6	43.3	64.9

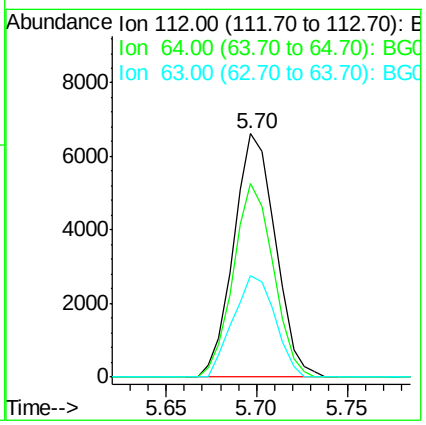


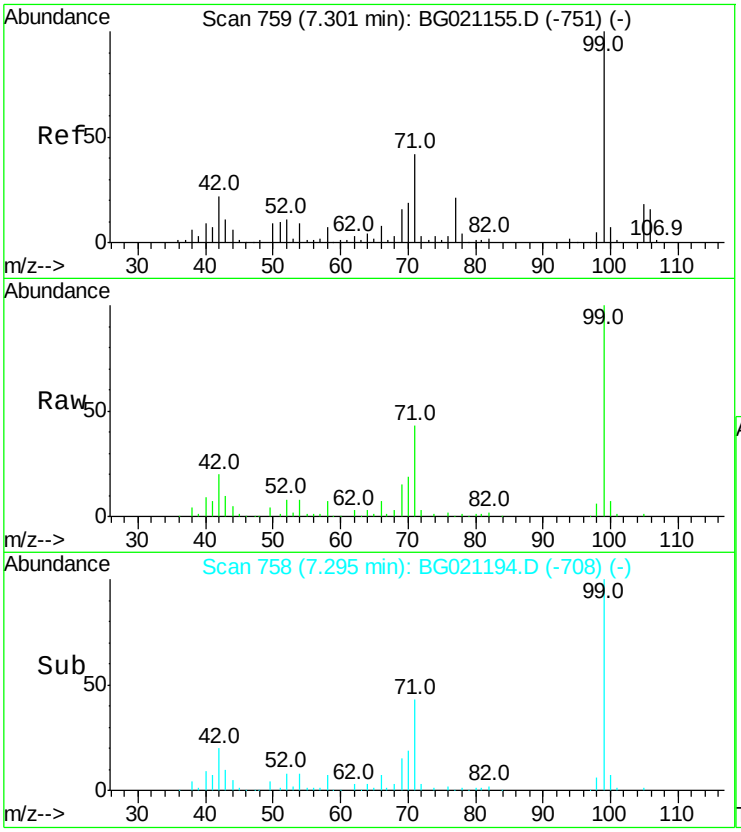


#5
2-Fluorophenol
Concen: 13.74 ng
RT: 5.70 min Scan# 486
Delta R.T. -0.01 min
Lab File: BG021194.D
Acq: 1 Mar 2016 21:44

Tgt Ion:112 Resp: 10585

Ion	Ratio	Lower	Upper
112	100		
64	79.8	42.6	63.8#
63	41.5	21.7	32.5#



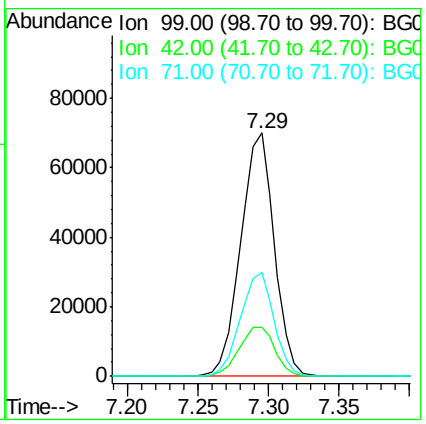


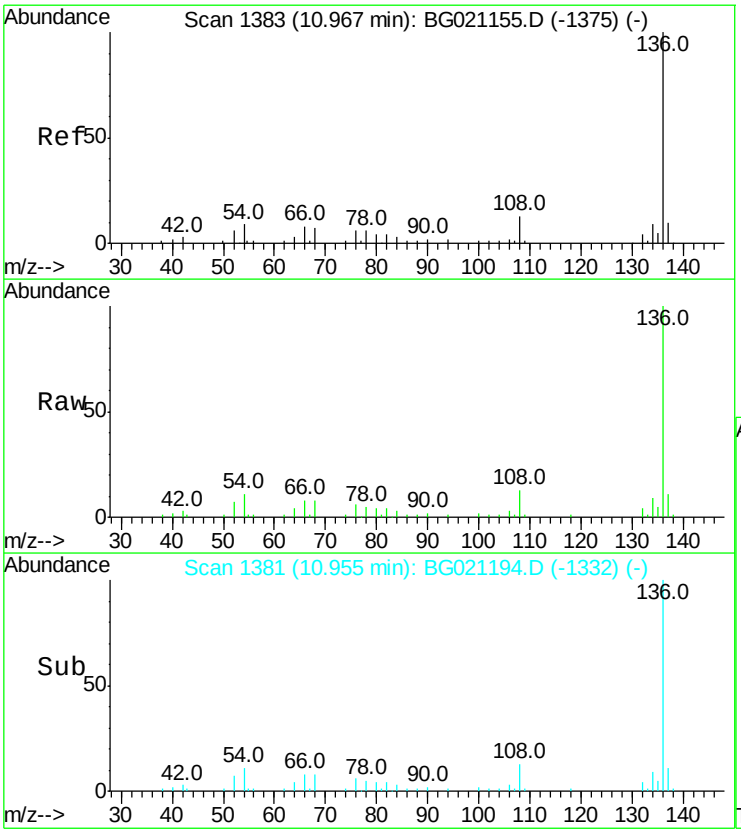
#7
Phenol-d6
Concen: 92.18 ng
RT: 7.29 min Scan# 758
Delta R.T. -0.01 min
Lab File: BG021194.D
Acq: 1 Mar 2016 21:44

Instrument :
BNA_G
ClientSampleId :
CEB-8(2.5-5)20160224

Tgt Ion: 99 Resp: 116807

Ion	Ratio	Lower	Upper
99	100		
42	20.4	13.2	19.8#
71	42.5	25.2	37.8#

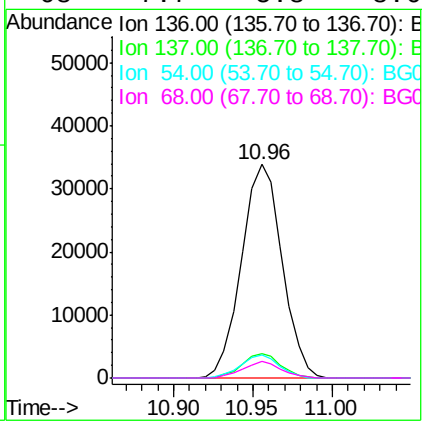


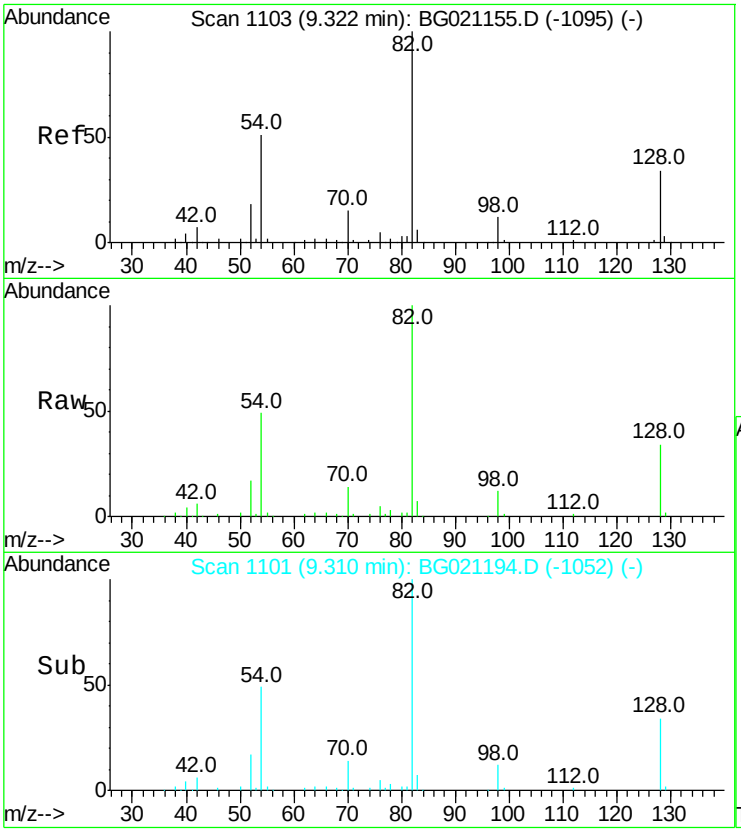


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.96 min Scan# 1381
Delta R.T. -0.01 min
Lab File: BG021194.D
Acq: 1 Mar 2016 21:44

Tgt Ion:136 Resp: 60158

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	10.7	6.9	10.3#
68	7.7	5.8	8.6



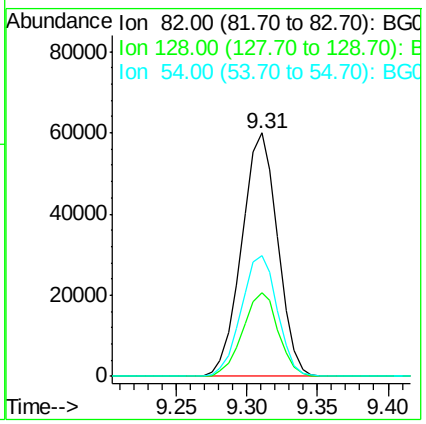


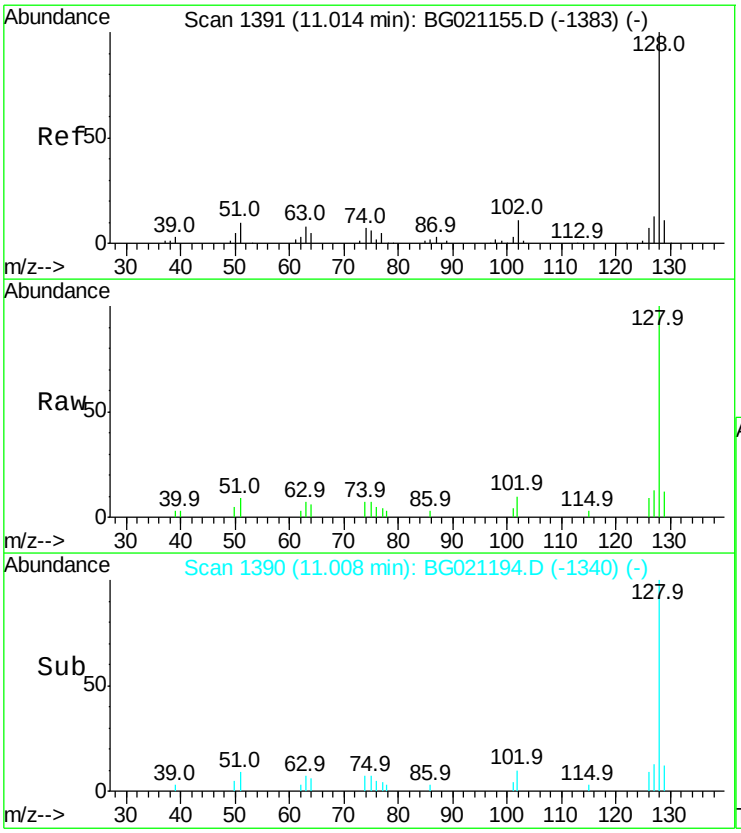
#23
Nitrobenzene-d5
Concen: 75.44 ng
RT: 9.31 min Scan# 1101
Delta R.T. -0.01 min
Lab File: BG021194.D
Acq: 1 Mar 2016 21:44

Instrument :
BNA_G
ClientSampleId :
CEB-8(2.5-5)20160224

Tgt Ion: 82 Resp: 107254

Ion	Ratio	Lower	Upper
82	100		
128	34.3	36.3	54.5#
54	49.4	37.6	56.4

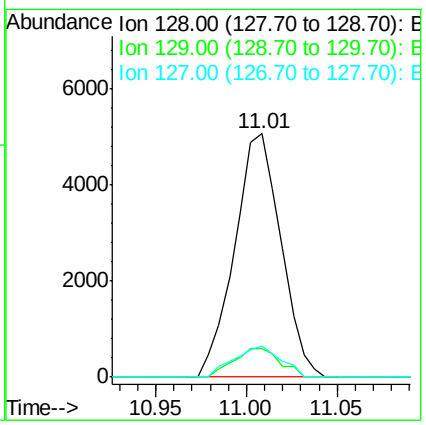


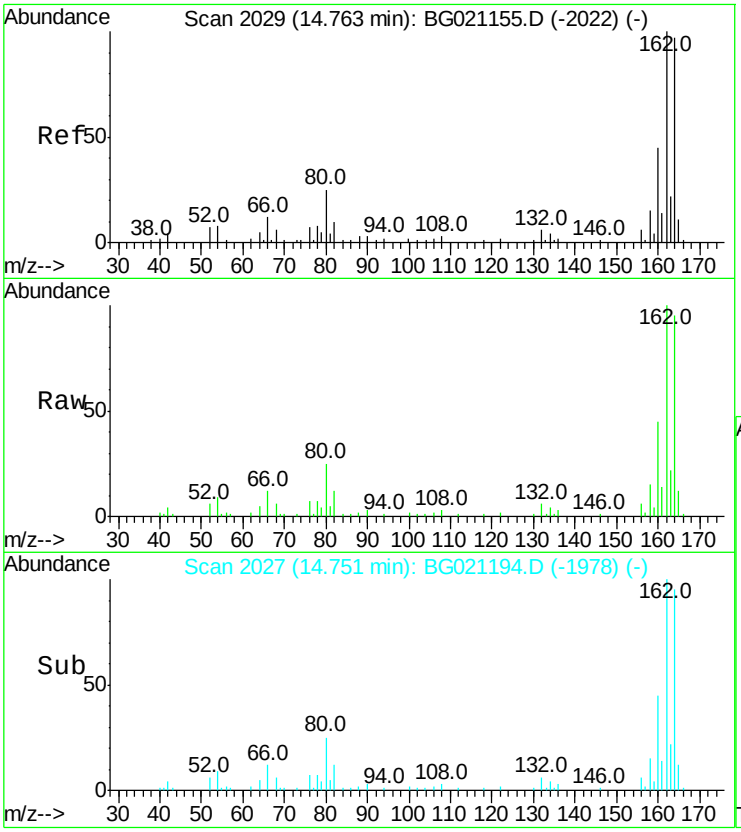


#31
Naphthalene
Concen: 2.86 ng
RT: 11.01 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BG021194.D
Acq: 1 Mar 2016 21:44

Tgt Ion:128 Resp: 8974

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.4	14.2
127	12.7	10.8	16.2



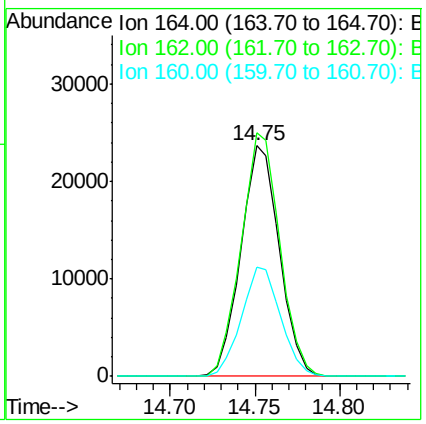


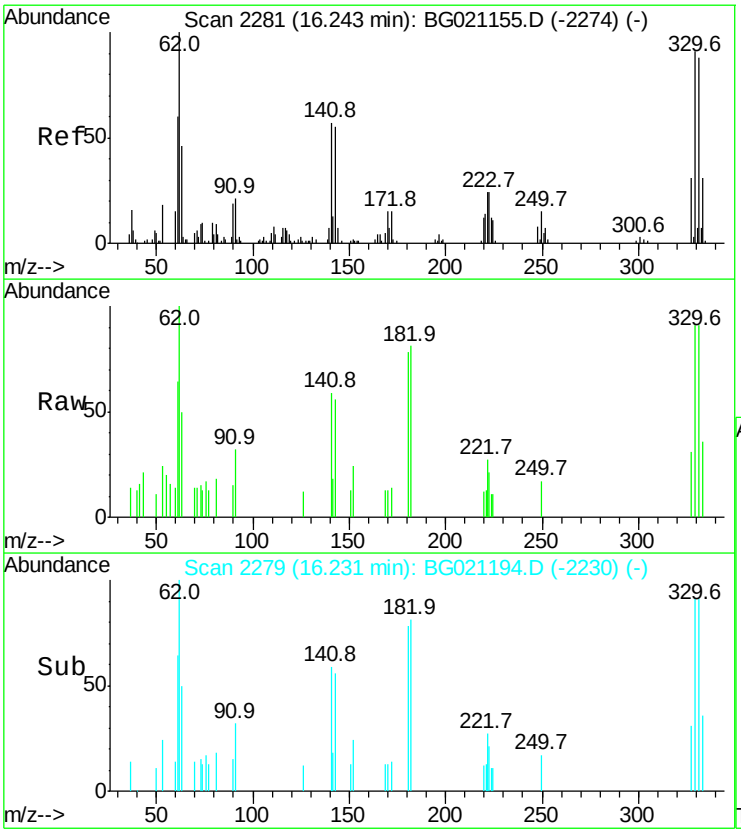
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BG021194.D
Acq: 1 Mar 2016 21:44

Instrument :
BNA_G
ClientSampleId :
CEB-8(2.5-5)20160224

Tgt Ion:164 Resp: 37376

Ion	Ratio	Lower	Upper
164	100		
162	105.7	80.6	120.8
160	47.5	36.5	54.7

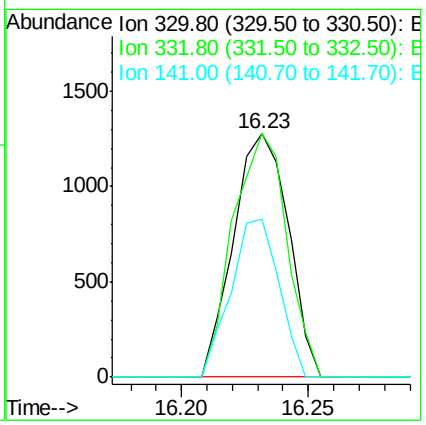


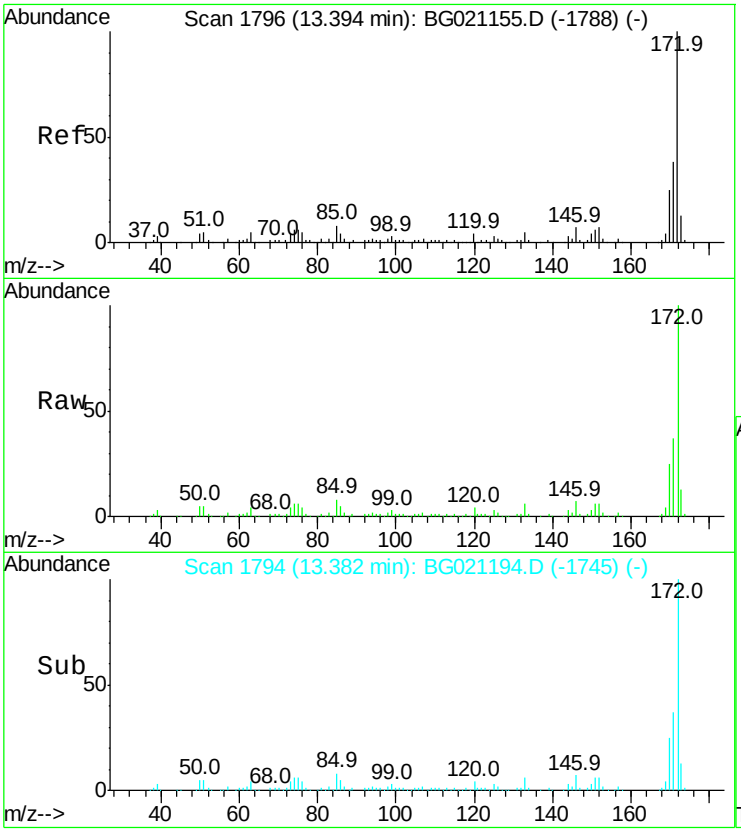


#41
2,4,6-Tribromophenol
Concen: 4.95 ng
RT: 16.23 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BG021194.D
Acq: 1 Mar 2016 21:44

Tgt Ion:330 Resp: 1926

Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.4	116.0
141	56.6	35.3	52.9#



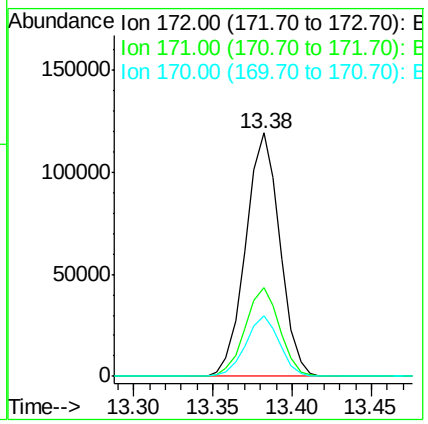


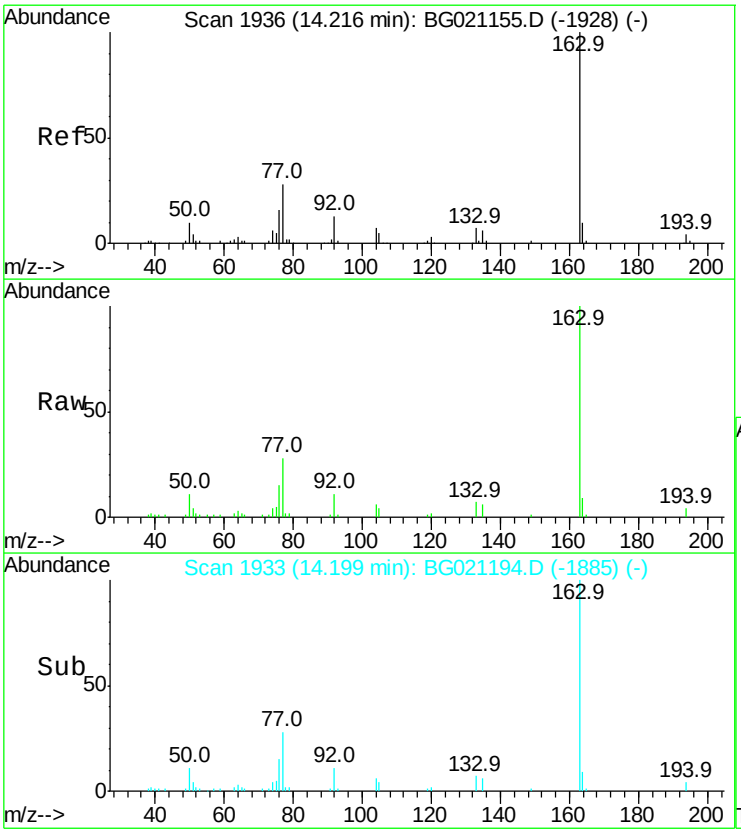
#44
2-Fluorobiphenyl
Concen: 67.85 ng
RT: 13.38 min Scan# 1794
Delta R.T. -0.01 min
Lab File: BG021194.D
Acq: 1 Mar 2016 21:44

Instrument :
BNA_G
ClientSampleId :
CEB-8(2.5-5)20160224

Tgt Ion:172 Resp: 178577

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.4	44.0
170	24.8	19.8	29.8

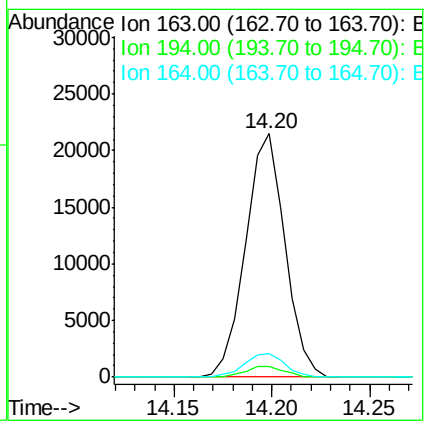


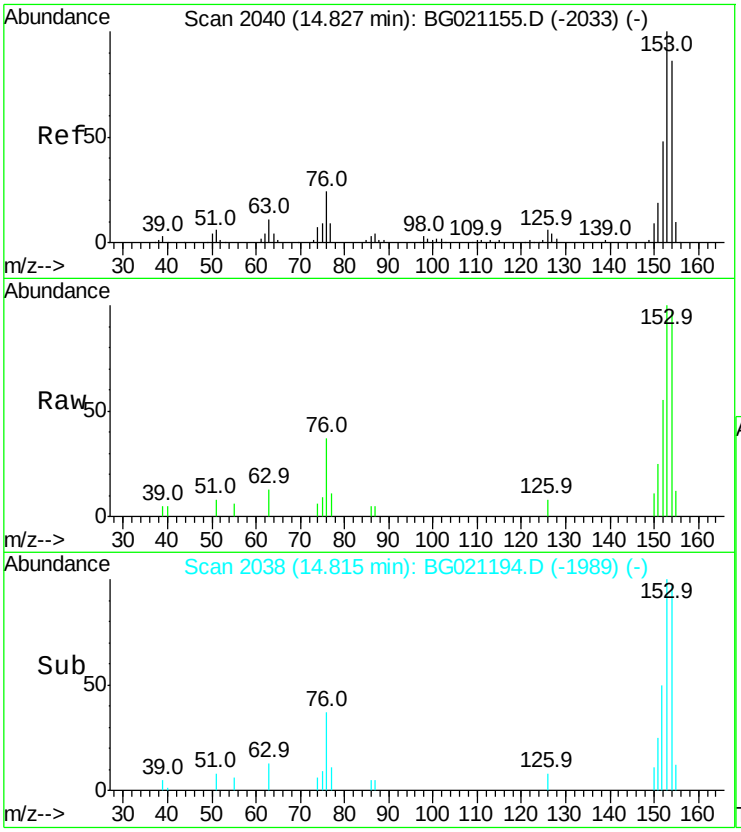


#49
Dimethylphthalate
Concen: 9.01 ng
RT: 14.20 min Scan# 1933
Delta R.T. -0.02 min
Lab File: BG021194.D
Acq: 1 Mar 2016 21:44

Tgt Ion:163 Resp: 29995

Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.8	4.2
164	9.5	7.9	11.9



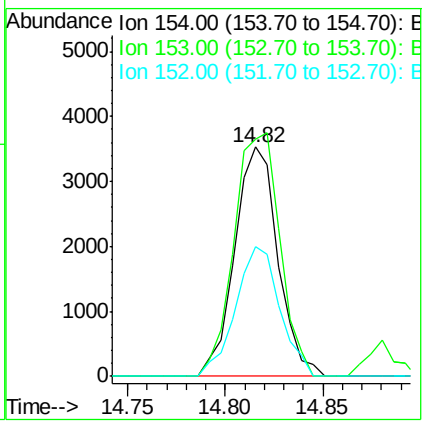


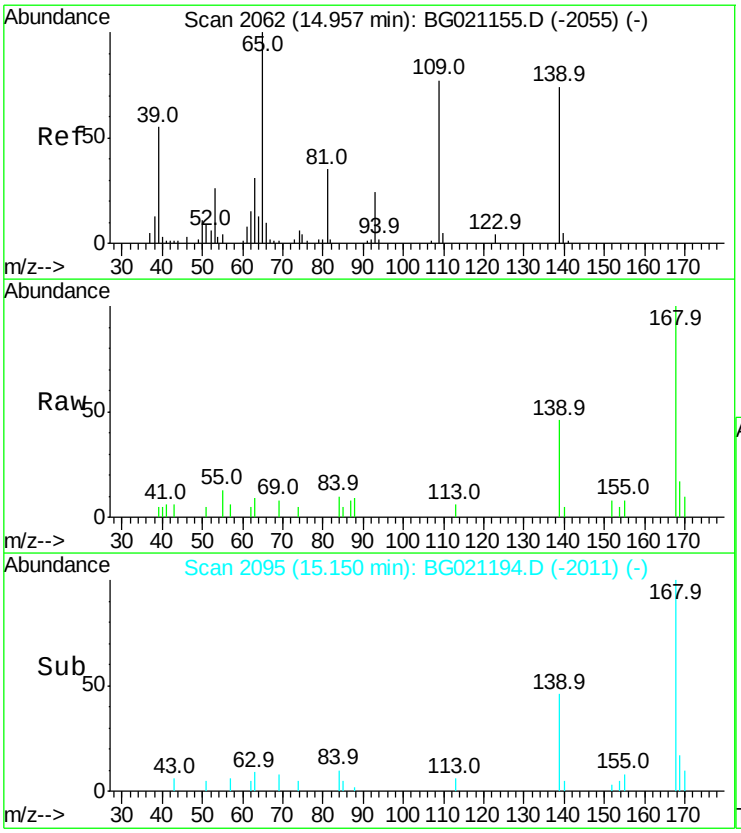
#51
Acenaphthene
Concen: 2.18 ng
RT: 14.82 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BG021194.D
Acq: 1 Mar 2016 21:44

Instrument :
BNA_G
ClientSampleId :
CEB-8(2.5-5)20160224

Tgt Ion:154 Resp: 5395

Ion	Ratio	Lower	Upper
154	100		
153	103.5	94.2	141.2
152	56.8	42.9	64.3

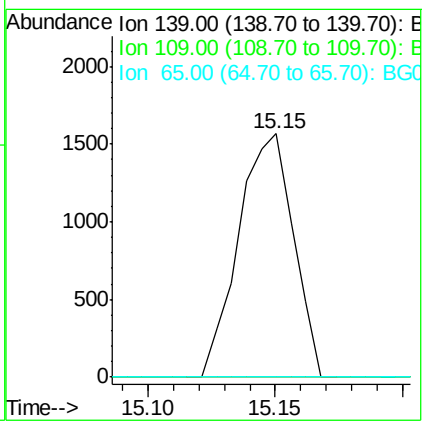


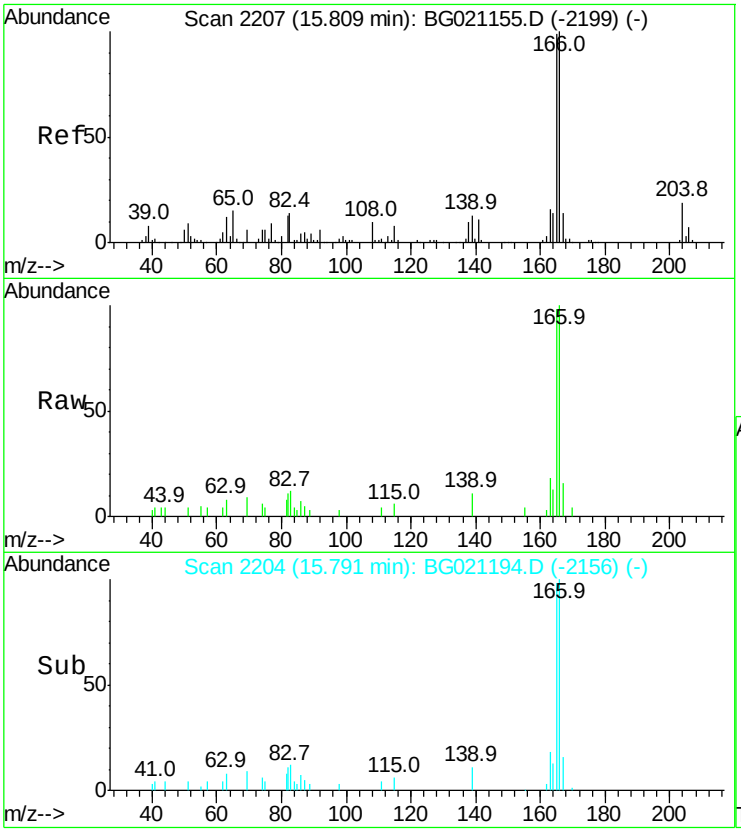


#55
4-Nitrophenol
Concen: 3.69 ng
RT: 15.15 min Scan# 2095
Delta R.T. 0.19 min
Lab File: BG021194.D
Acq: 1 Mar 2016 21:44

Tgt Ion:139 Resp: 2366

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



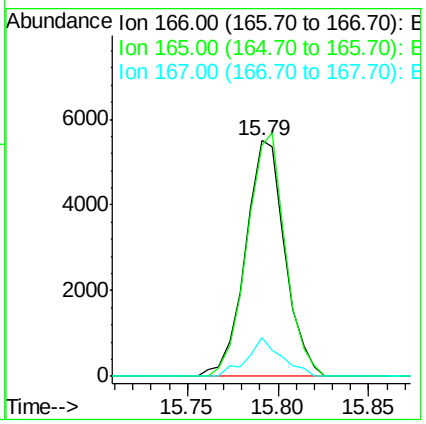


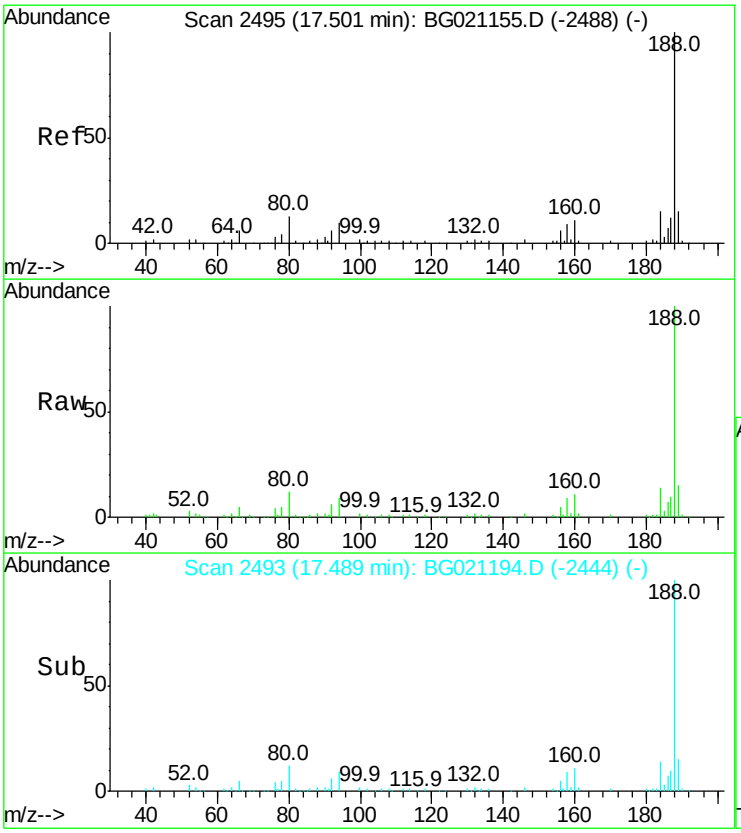
#57
Fluorene
Concen: 2.65 ng
RT: 15.79 min Scan# 2204
Delta R.T. -0.02 min
Lab File: BG021194.D
Acq: 1 Mar 2016 21:44

Instrument :
BNA_G
ClientSampleId :
CEB-8(2.5-5)20160224

Tgt Ion:166 Resp: 8359

Ion	Ratio	Lower	Upper
166	100		
165	98.2	81.3	121.9
167	16.4	10.6	16.0#

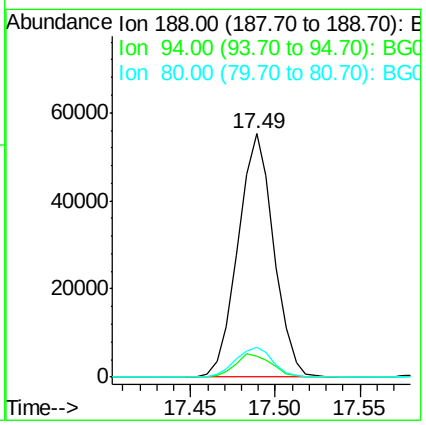


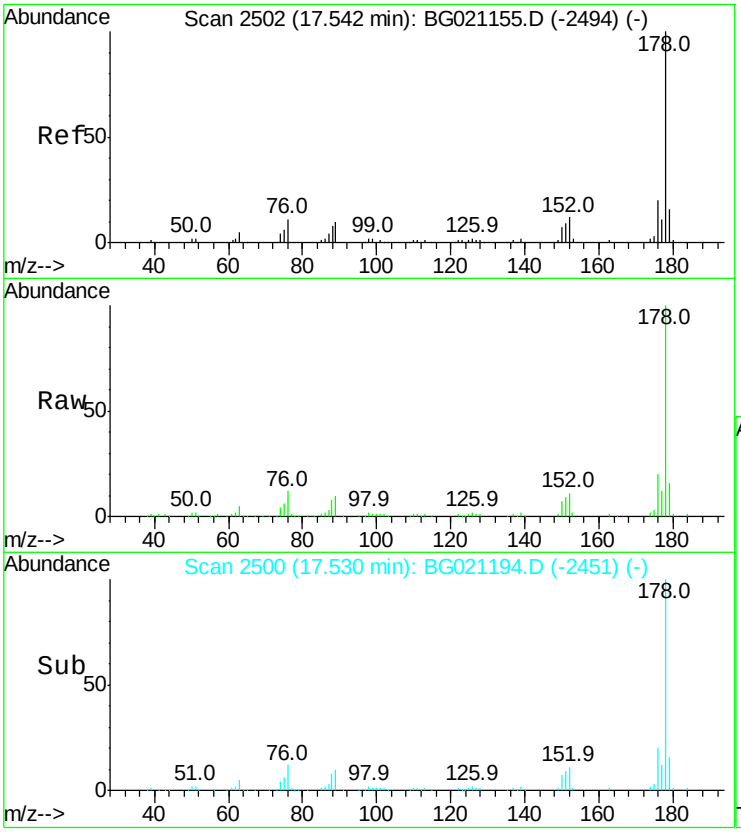


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2493
Delta R.T. -0.01 min
Lab File: BG021194.D
Acq: 1 Mar 2016 21:44

Tgt Ion:188 Resp: 81240

Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.2	12.4
80	12.1	9.2	13.8



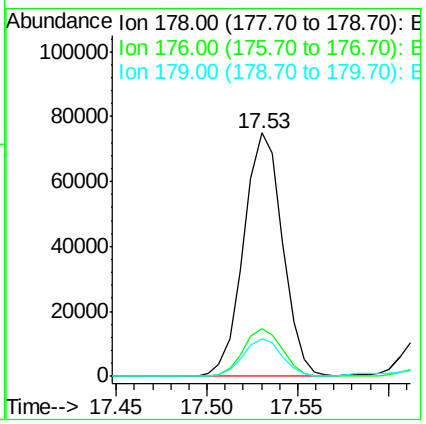


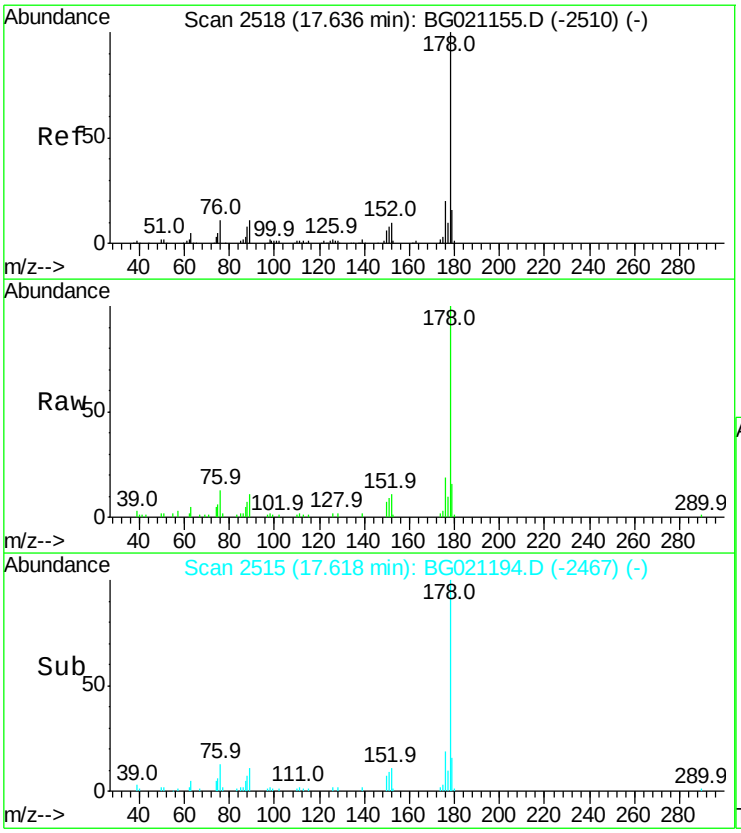
#70
Phenanthrene
Concen: 25.62 ng
RT: 17.53 min Scan# 2500
Delta R.T. -0.01 min
Lab File: BG021194.D
Acq: 1 Mar 2016 21:44

Instrument :
BNA_G
ClientSampleId :
CEB-8(2.5-5)20160224

Tgt Ion:178 Resp: 112343

Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.2	24.4
179	15.6	12.9	19.3

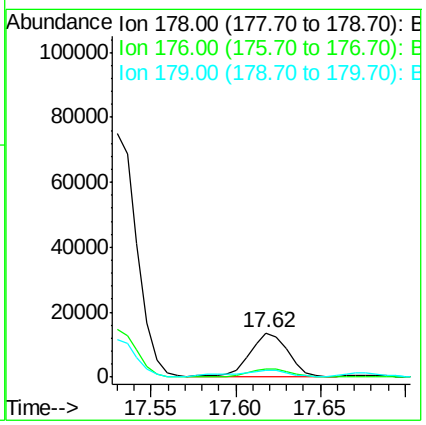


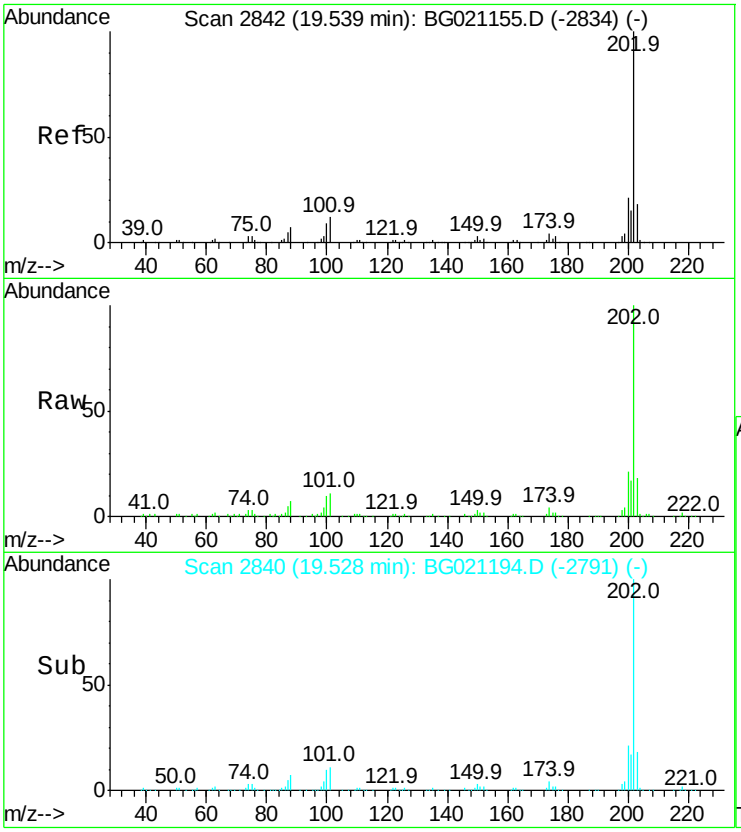


#71
Anthracene
Concen: 4.66 ng
RT: 17.62 min Scan# 2515
Delta R.T. -0.02 min
Lab File: BG021194.D
Acq: 1 Mar 2016 21:44

Tgt Ion:178 Resp: 20915

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.8	22.2
179	16.2	12.6	19.0



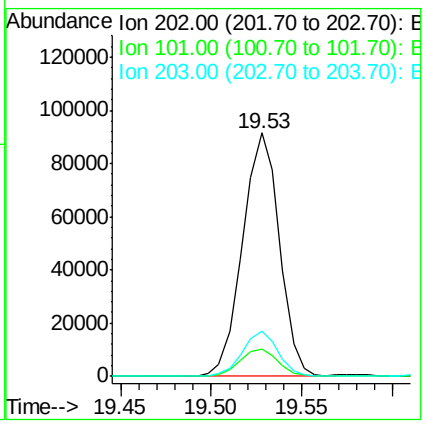


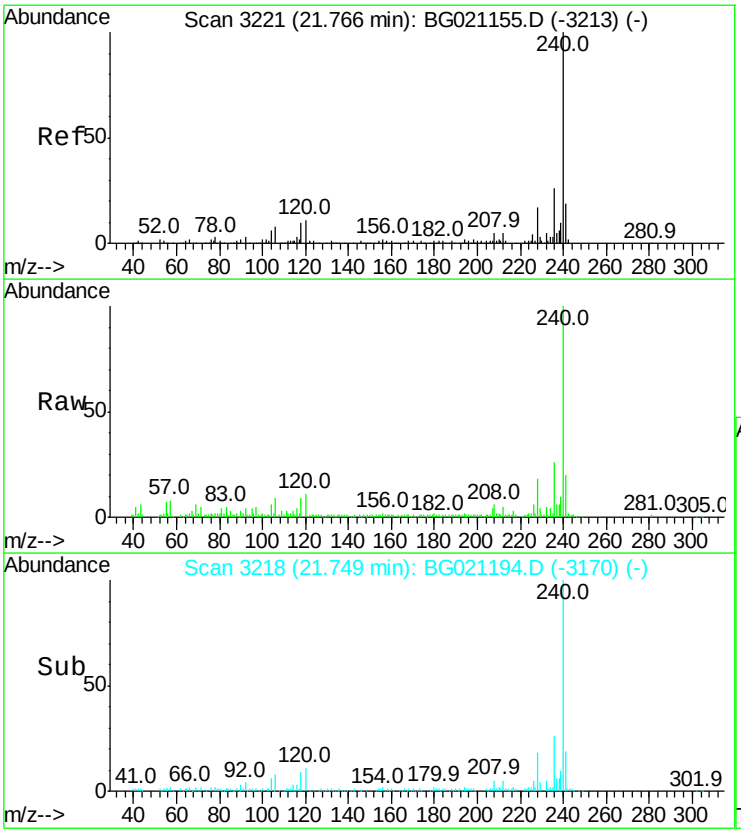
#74
Fluoranthene
Concen: 25.15 ng
RT: 19.53 min Scan# 2840
Delta R.T. -0.01 min
Lab File: BG021194.D
Acq: 1 Mar 2016 21:44

Instrument :
BNA_G
ClientSampleId :
CEB-8(2.5-5)20160224

Tgt Ion:202 Resp: 129550

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	32.5
203	18.5	0.0	37.6

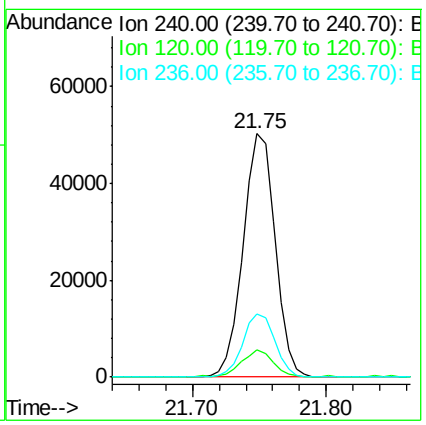


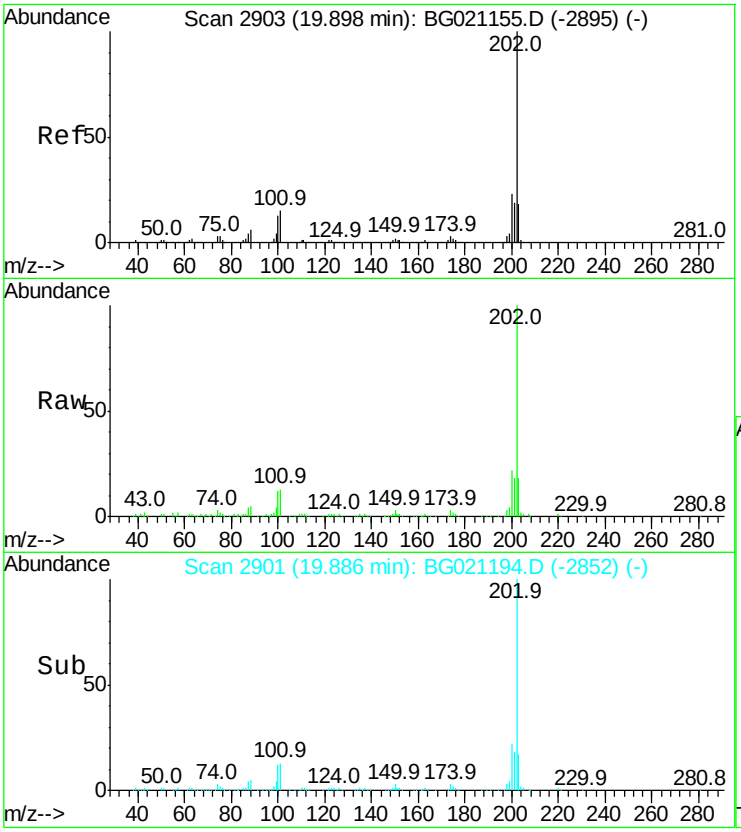


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.75 min Scan# 3218
Delta R.T. -0.02 min
Lab File: BG021194.D
Acq: 1 Mar 2016 21:44

Tgt Ion:240 Resp: 82910

Ion	Ratio	Lower	Upper
240	100		
120	11.0	7.5	11.3
236	26.2	20.5	30.7



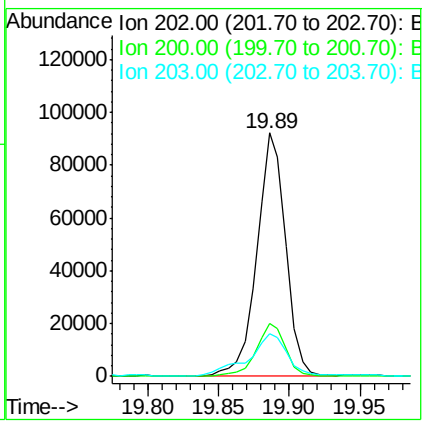


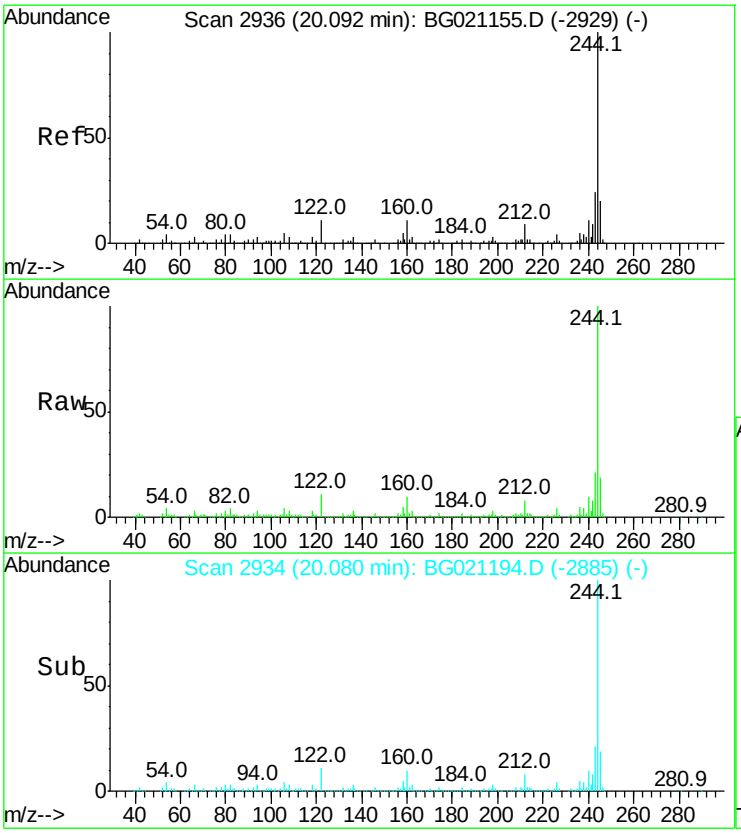
#77
Pyrene
Concen: 26.80 ng
RT: 19.89 min Scan# 2901
Delta R.T. -0.01 min
Lab File: BG021194.D
Acq: 1 Mar 2016 21:44

Instrument :
BNA_G
ClientSampleId :
CEB-8(2.5-5)20160224

Tgt Ion:202 Resp: 132558

Ion	Ratio	Lower	Upper
202	100		
200	21.9	16.6	25.0
203	17.6	13.8	20.8

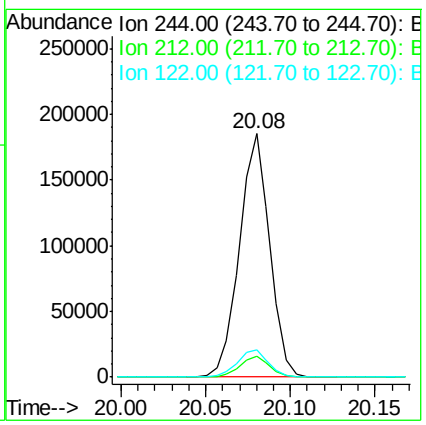


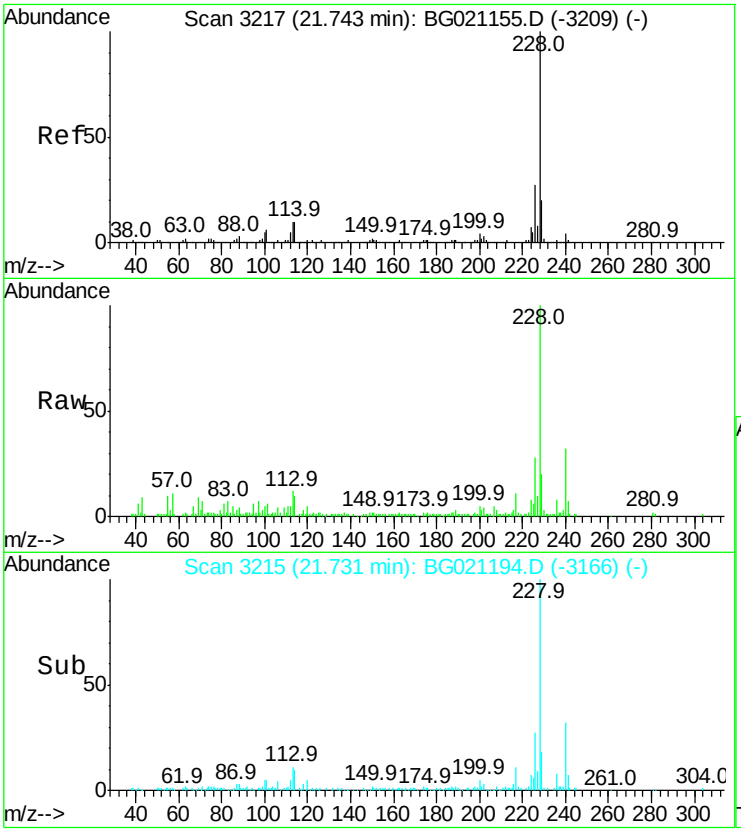


#78
Terphenyl-d14
Concen: 67.13 ng
RT: 20.08 min Scan# 2934
Delta R.T. -0.01 min
Lab File: BG021194.D
Acq: 1 Mar 2016 21:44

Tgt Ion:244 Resp: 229736

Ion	Ratio	Lower	Upper
244	100		
212	8.5	5.8	8.6
122	11.0	8.3	12.5



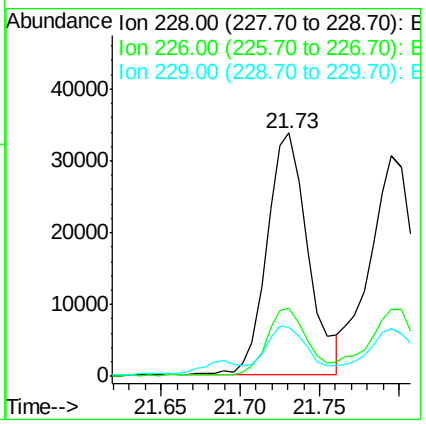


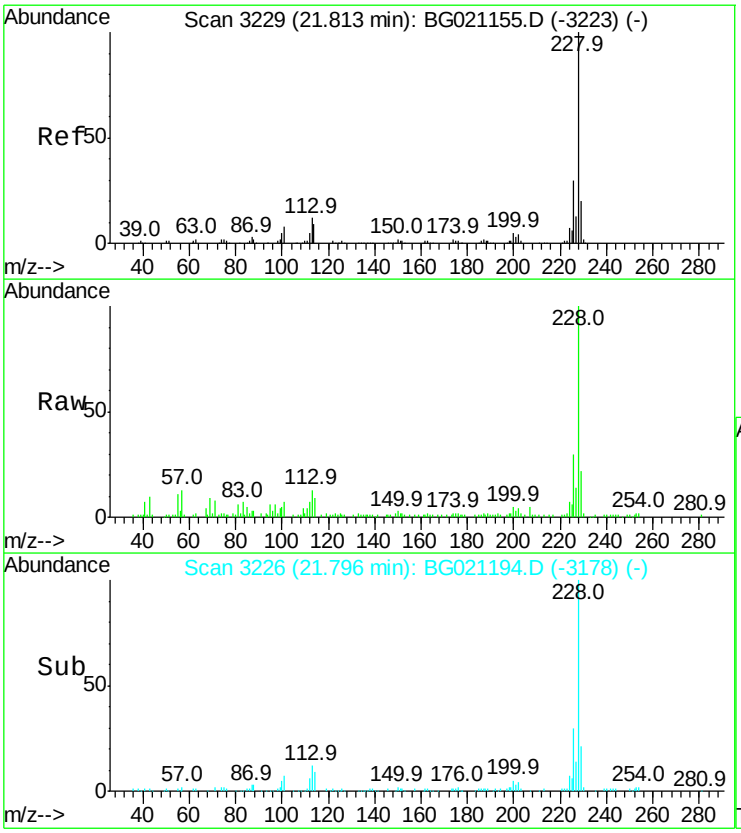
#80
Benzo(a)anthracene
Concen: 12.36 ng
RT: 21.73 min Scan# 3215
Delta R.T. -0.01 min
Lab File: BG021194.D
Acq: 1 Mar 2016 21:44

Instrument :
BNA_G
ClientSampleId :
CEB-8(2.5-5)20160224

Tgt Ion:228 Resp: 60663

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.7	34.1
229	20.2	15.5	23.3

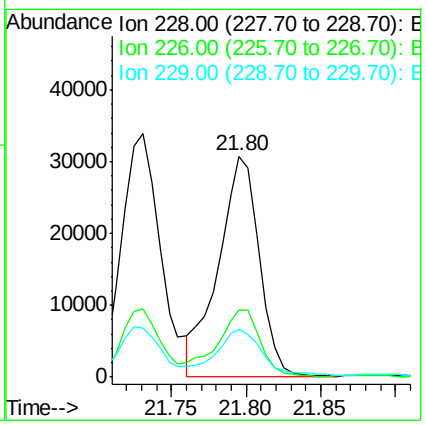


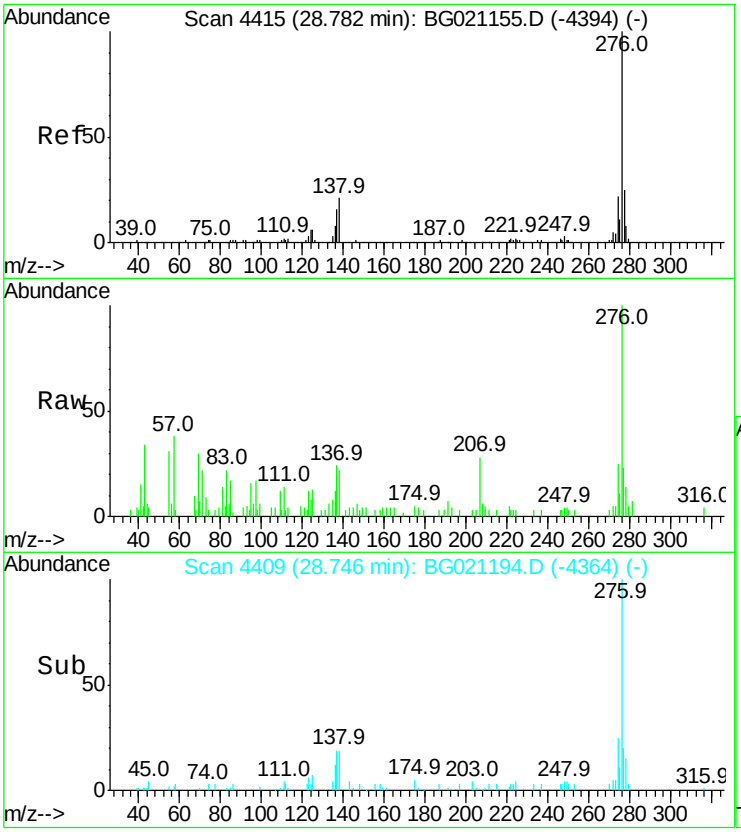


#82
Chrysene
Concen: 12.71 ng
RT: 21.80 min Scan# 3226
Delta R.T. -0.02 min
Lab File: BG021194.D
Acq: 1 Mar 2016 21:44

Tgt Ion:228 Resp: 59105

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.7	35.5
229	21.5	16.7	25.1



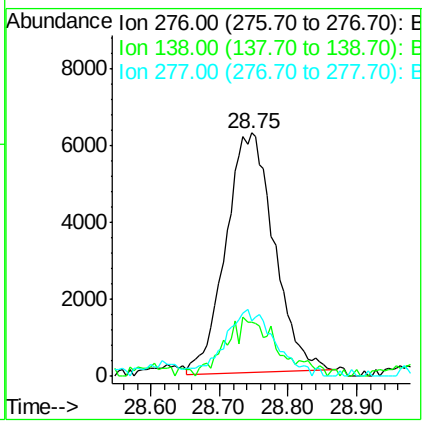


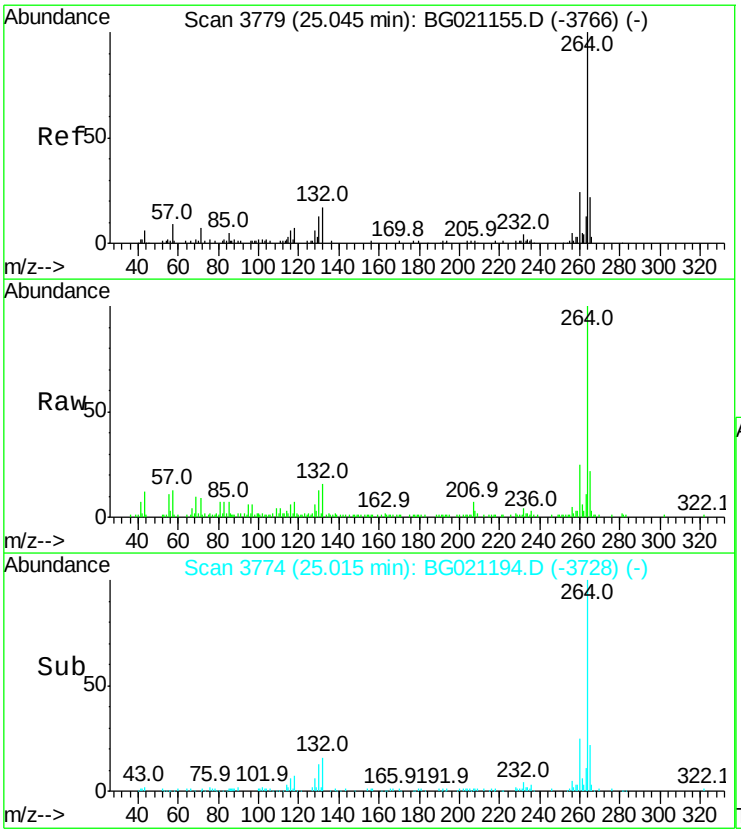
#85
Indeno(1,2,3-cd)pyrene
Concen: 5.71 ng
RT: 28.75 min Scan# 4409
Delta R.T. -0.04 min
Lab File: BG021194.D
Acq: 1 Mar 2016 21:44

Instrument :
BNA_G
ClientSampleId :
CEB-8(2.5-5)20160224

Tgt Ion:276 Resp: 30432

Ion	Ratio	Lower	Upper
276	100		
138	11.3	0.0	0.0#
277	28.1	0.0	0.0#

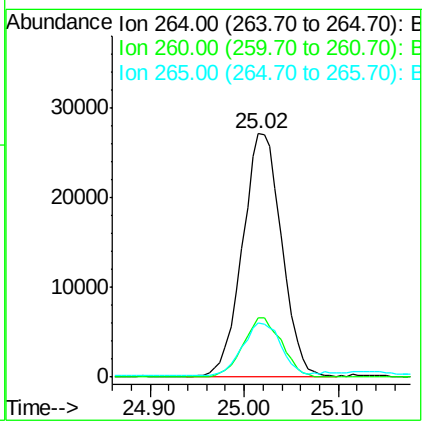


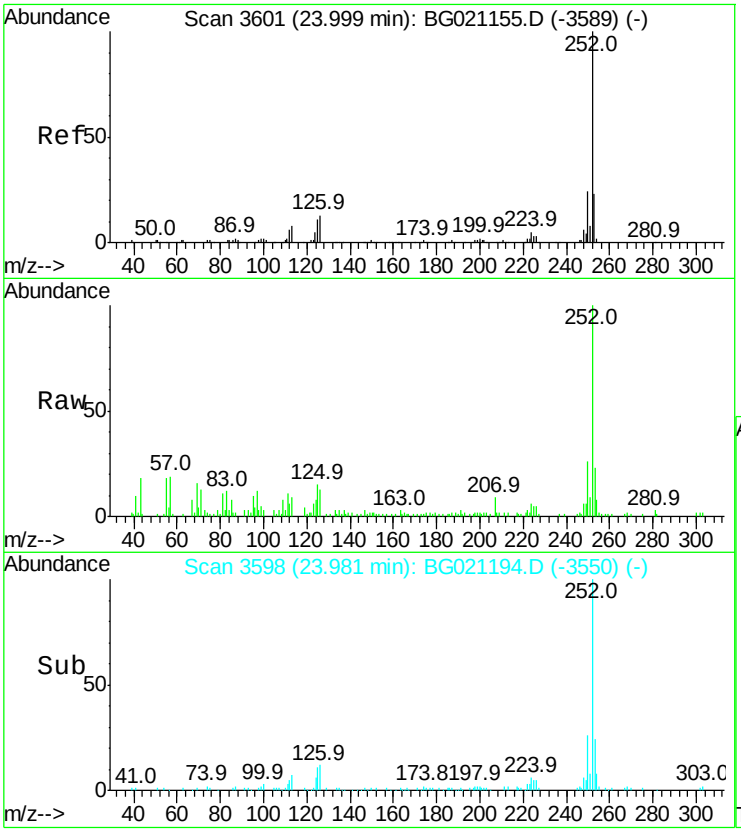


#86
Perylene-d12
Concen: 20.00 ng
RT: 25.02 min Scan# 3774
Delta R.T. -0.03 min
Lab File: BG021194.D
Acq: 1 Mar 2016 21:44

Tgt Ion:264 Resp: 78529

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.5	27.7
265	22.3	18.6	28.0



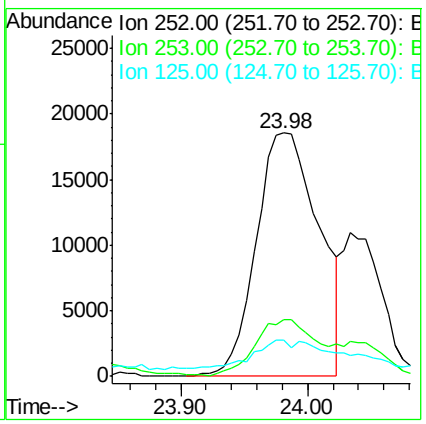


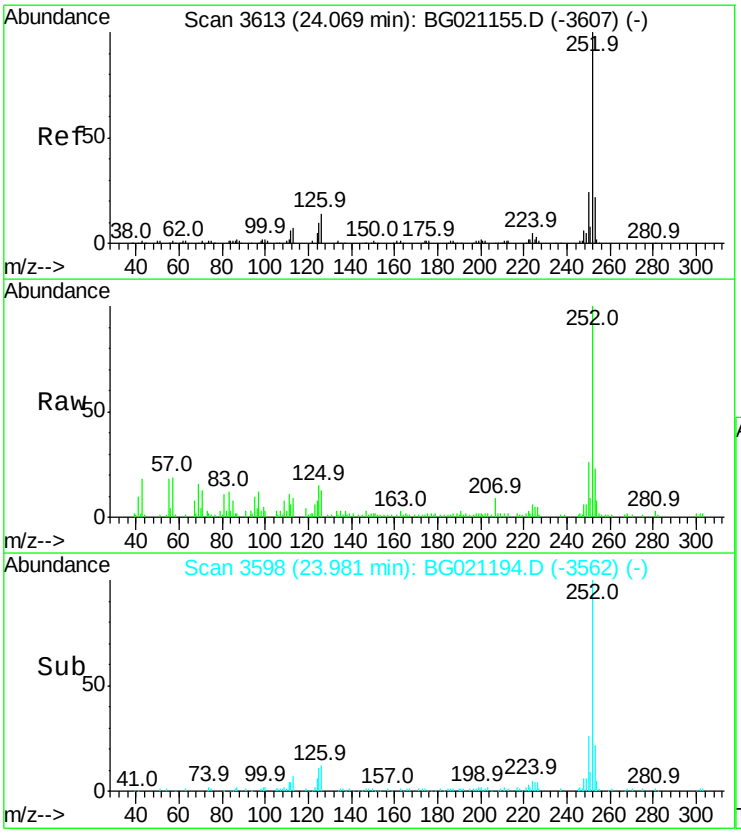
#87
Benzo(b)fluoranthene
Concen: 12.90 ng
RT: 23.98 min Scan# 3598
Delta R.T. -0.02 min
Lab File: BG021194.D
Acq: 1 Mar 2016 21:44

Instrument :
BNA_G
ClientSampleId :
CEB-8(2.5-5)20160224

Tgt Ion:252 Resp: 63699

Ion	Ratio	Lower	Upper
252	100		
253	23.4	16.8	25.2
125	14.8	8.2	12.2#

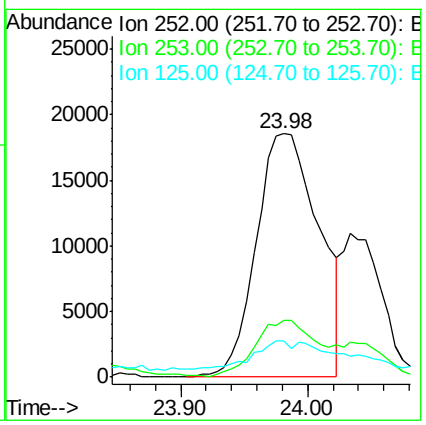


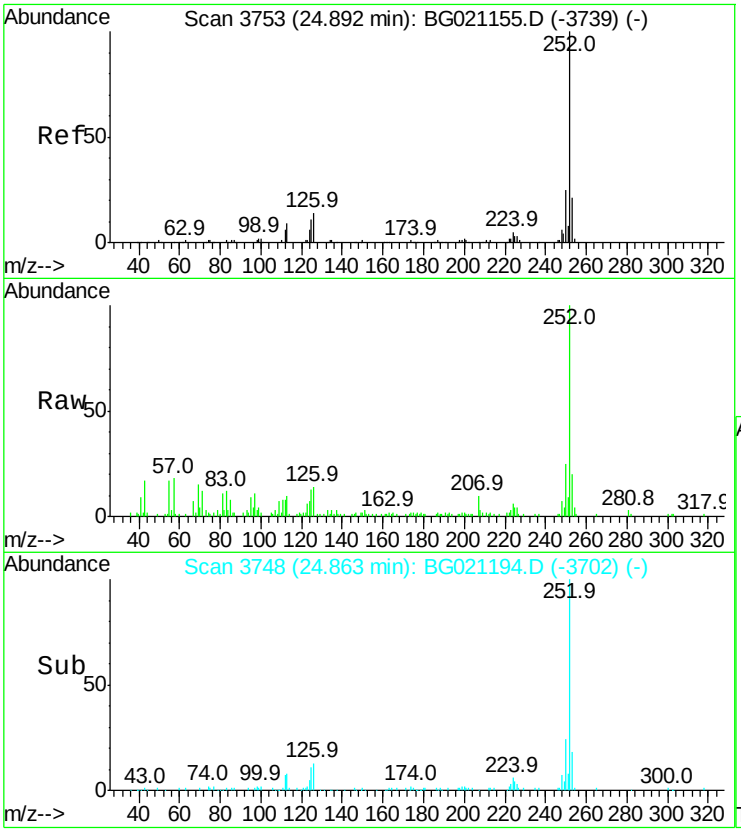


#88
Benzo(k)fluoranthene
Concen: 12.88 ng
RT: 23.98 min Scan# 3598
Delta R.T. -0.09 min
Lab File: BG021194.D
Acq: 1 Mar 2016 21:44

Tgt Ion:252 Resp: 63699

Ion	Ratio	Lower	Upper
252	100		
253	23.4	16.4	24.6
125	14.8	8.2	12.2#



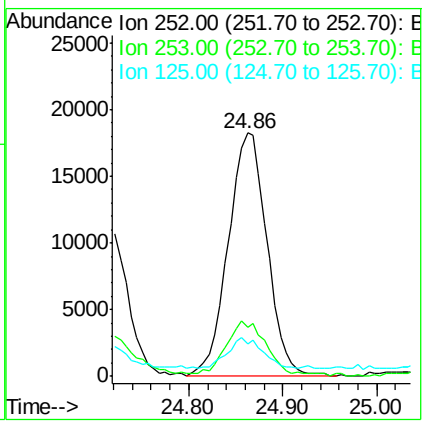


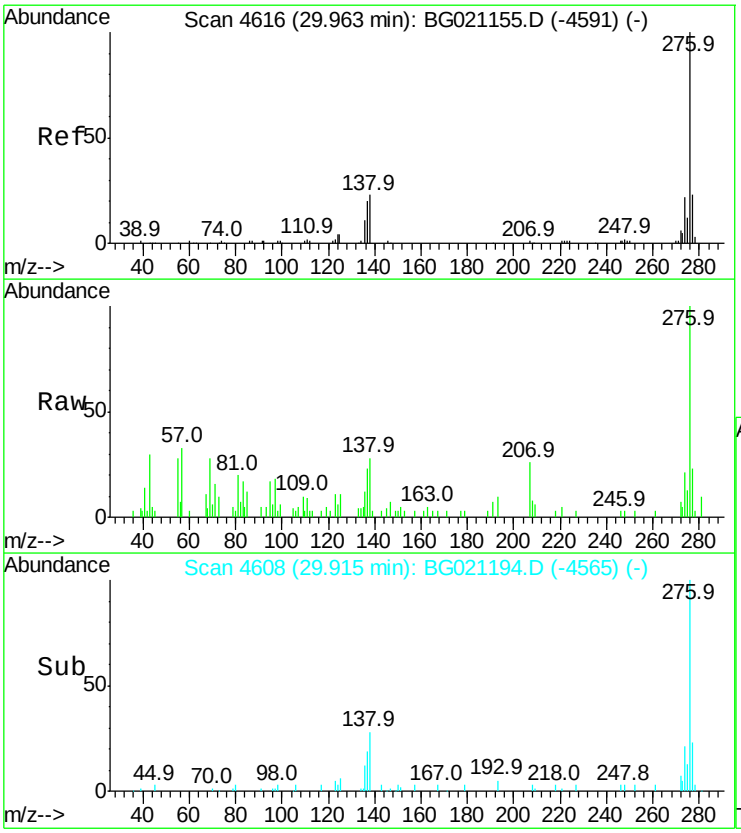
#89
Benzo(a)pyrene
Concen: 10.94 ng
RT: 24.86 min Scan# 3748
Delta R.T. -0.03 min
Lab File: BG021194.D
Acq: 1 Mar 2016 21:44

Instrument :
BNA_G
ClientSampleId :
CEB-8(2.5-5)20160224

Tgt Ion:252 Resp: 52227

Ion	Ratio	Lower	Upper
252	100		
253	20.4	15.8	23.8
125	13.5	8.4	12.6#





#91
Benzo(g,h,i)perylene
Concen: 6.57 ng
RT: 29.92 min Scan# 4608
Delta R.T. -0.05 min
Lab File: BG021194.D
Acq: 1 Mar 2016 21:44

Tgt Ion:276 Resp: 29991

Ion	Ratio	Lower	Upper
276	100		
277	23.2	16.6	25.0
138	28.1	14.6	21.8#