Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042320\
Data File : BG045148.D
Acq On : 23 Apr 2020 19:09
Operator : CG/JU
Sample : L2351-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Apr 24 01:50:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 23 13:58:55 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	107409	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	430631	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	288336	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	546878	20.00	ng	0.00
76) Chrysene-d12	21.66	240	486041	20.00	ng	0.00
87) Perylene-d12	24.84	264	541660	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	547052	84.09	ng	0.00
7) Phenol-d6	7.18	99	876470	90.67	ng	0.00
23) Nitrobenzene-d5	9.17	82	606117	64.22	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	325879	73.16	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	1370084	69.67	ng	0.00
79) Terphenyl-d14	20.01	244	1673602	75.05	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.17	77	1861	Below Cal	#	18
19) n-Nitroso-di-n-propylamine	9.17	70	81552	11.930	ng #	82
32) Benzoic acid	10.07	122	61	6.384	ng #	1
38) 1-Methylnaphthalene	12.69	142	53112	3.077	ng	99
49) Acenaphthylene	14.37	152	168047	6.161	ng	97
50) Dimethylphthalate	14.09	163	213559	9.096	ng	99
52) Acenaphthene	14.71	154	95290	5.163	ng	92
55) Dibenzofuran	15.04	168	145570	5.410	ng #	96
56) 4-Nitrophenol	15.04	139	57636	12.907	ng #	4
58) Fluorene	15.69	166	153810	6.999	ng	97
67) 4-Bromophenyl-phenylether	16.13	248	23024	3.263	ng #	1
69) Atrazine	16.84	200	142	Below Cal	#	1
71) Phenanthrene	17.43	178	966811	34.403	ng	99
72) Anthracene	17.52	178	352525	12.505	ng	97
73) Carbazole	17.79	167	81279	2.841	ng	97
74) Di-n-butylphthalate	18.35	149	1270	Below Cal	#	31
75) Fluoranthene	19.44	202	954963	26.354	ng	98
77) Benzidine	19.57	184	1296	Below Cal	#	1
78) Pyrene	19.80	202	955178	28.506	ng	98
81) Benzo(a)anthracene	21.64	228	537230	17.054	ng	95
83) Chrysene	21.70	228	512977	16.948	ng	98
86) Indeno(1,2,3-cd)pyrene	28.46	276	444225	11.054	ng	99
88) Benzo(b)fluoranthene	23.84	252	765826	22.571	ng	99
89) Benzo(k)fluoranthene	23.84	252	765826	23.734	ng	99
90) Benzo(a)pyrene	24.69	252	680432	21.241	ng	98
91) Dibenzo(a,h)anthracene	28.51	278	115261	3.571	ng #	87
92) Benzo(g,h,i)perylene	29.59	276	394119	12.178	ng	97

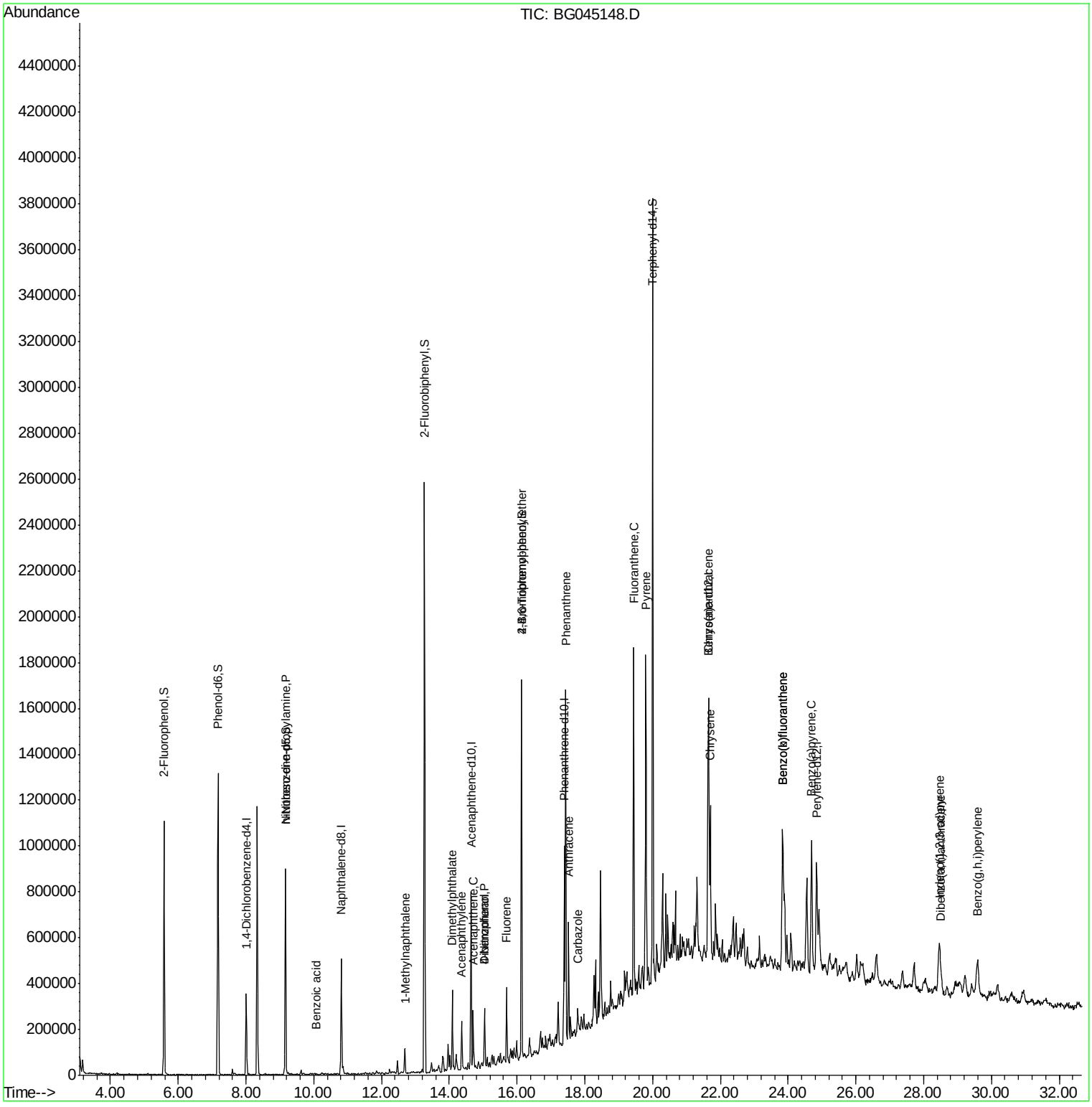
(#) = qualifier out of range (m) = manual integration (+) = signals summed

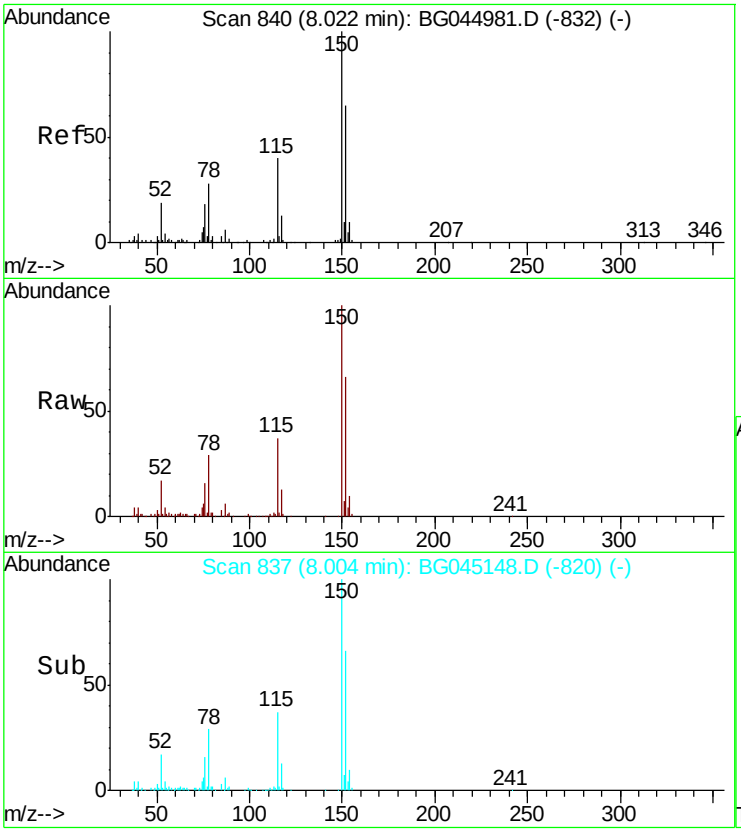
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042320\
Data File : BG045148.D
Acq On : 23 Apr 2020 19:09
Operator : CG/JU
Sample : L2351-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Apr 24 01:50:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 23 13:58:55 2020
Response via : Initial Calibration



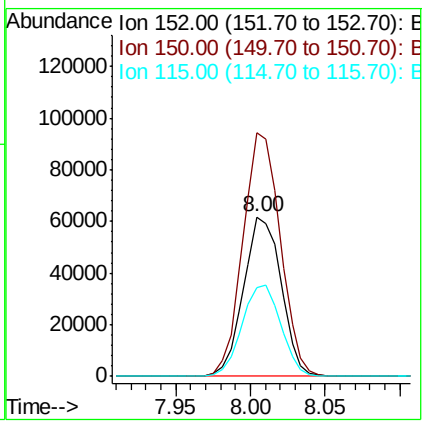


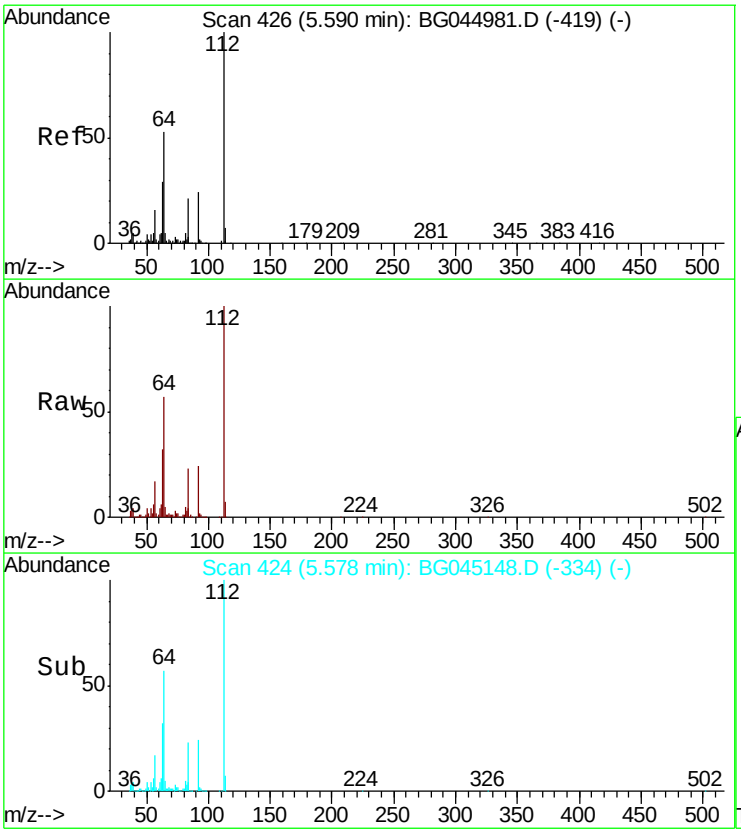
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG045148.D
Acq: 23 Apr 2020 19:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 107409

Ion	Ratio	Lower	Upper
152	100		
150	152.6	123.6	185.4
115	55.7	49.1	73.7

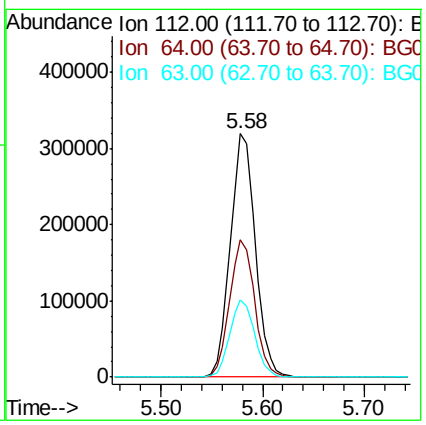


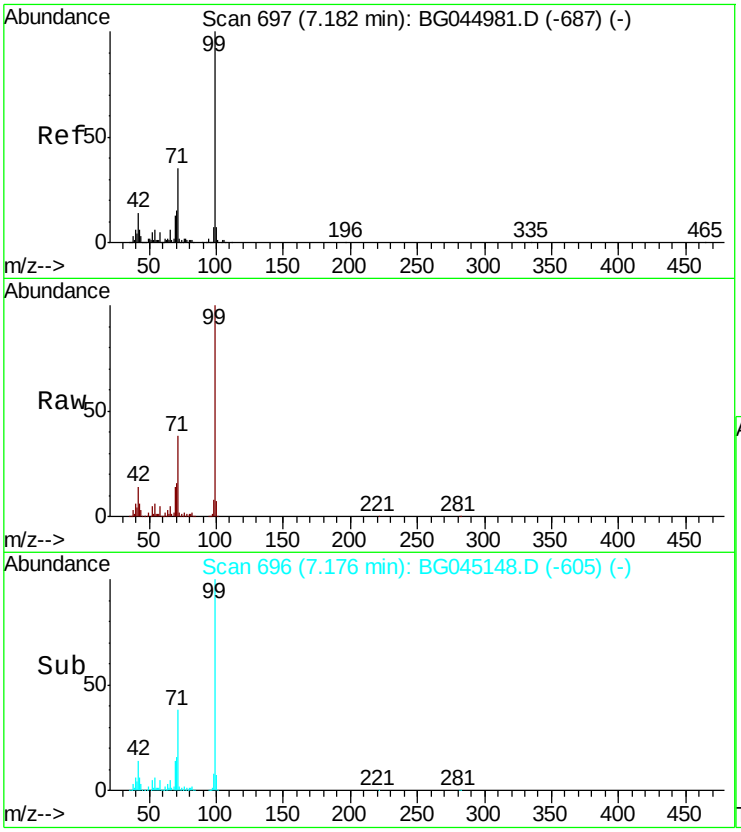


#5
2-Fluorophenol
Concen: 84.085 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG045148.D
Acq: 23 Apr 2020 19:09

Tgt Ion:112 Resp: 547052

Ion	Ratio	Lower	Upper
112	100		
64	56.6	42.4	63.6
63	31.5	23.1	34.7



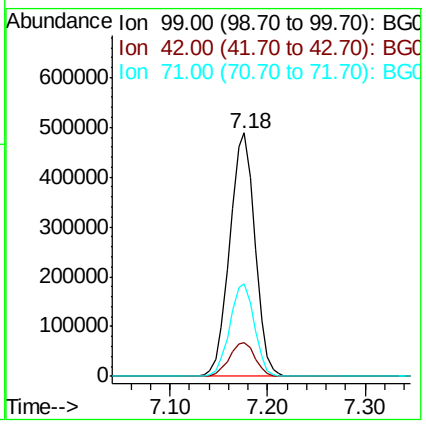


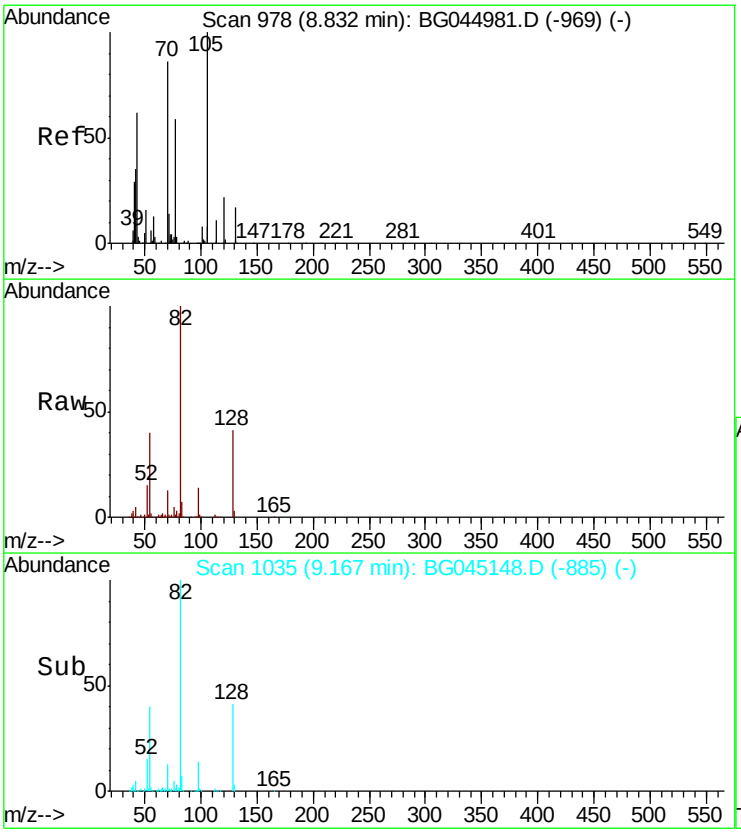
#7
Phenol-d6
Concen: 90.674 ng
RT: 7.18 min Scan# 696
Delta R.T. 0.01 min
Lab File: BG045148.D
Acq: 23 Apr 2020 19:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 876470

Ion	Ratio	Lower	Upper
99	100		
42	13.6	11.3	16.9
71	37.8	28.3	42.5

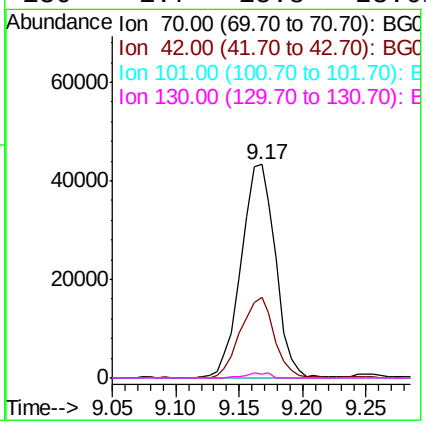


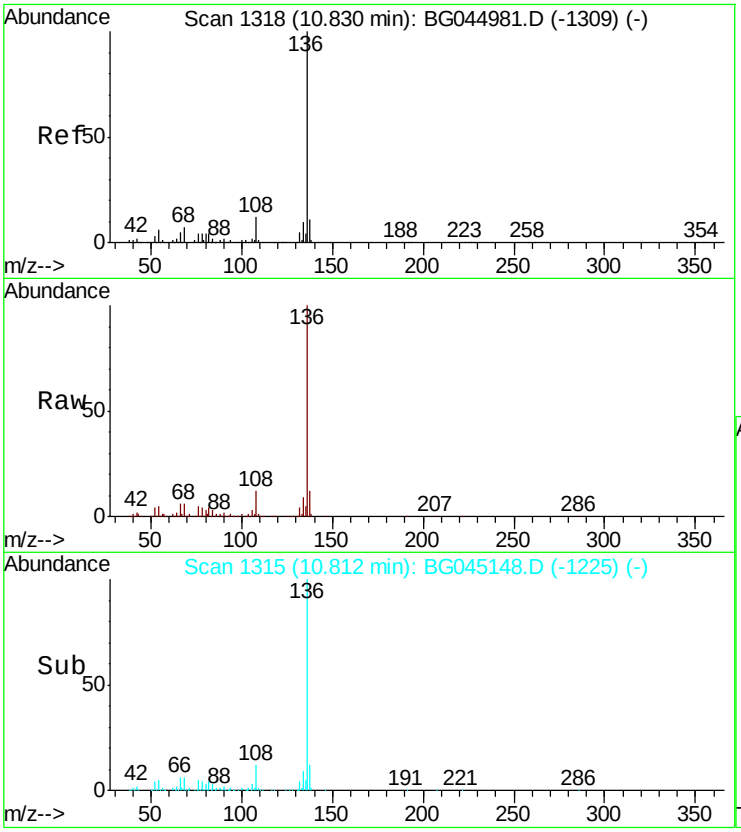


#19
n-Nitroso-di-n-propylamine
Concen: 11.930 ng
RT: 9.17 min Scan# 1035
Delta R.T. 0.35 min
Lab File: BG045148.D
Acq: 23 Apr 2020 19:09

Tgt Ion: 70 Resp: 81552

Ion	Ratio	Lower	Upper
70	100		
42	38.1	33.3	49.9
101	0.0	7.8	11.8#
130	1.7	15.8	23.6#



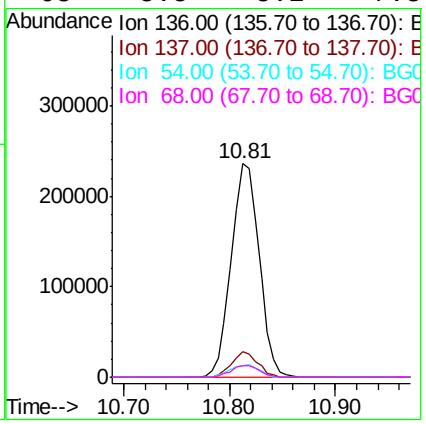


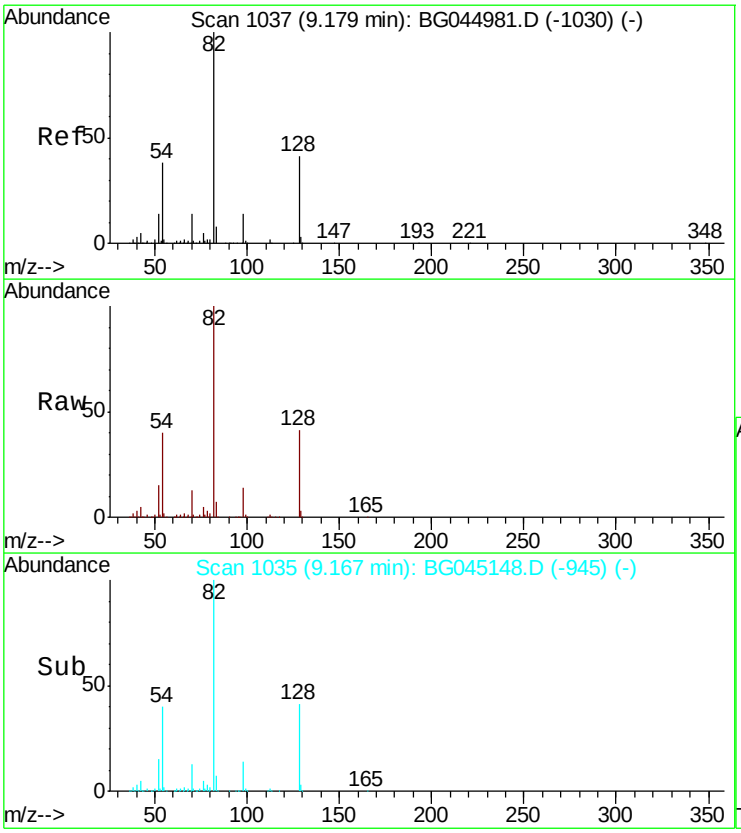
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG045148.D
Acq: 23 Apr 2020 19:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 430631

Ion	Ratio	Lower	Upper
136	100		
137	12.0	8.6	13.0
54	5.4	4.8	7.2
68	5.5	5.2	7.8

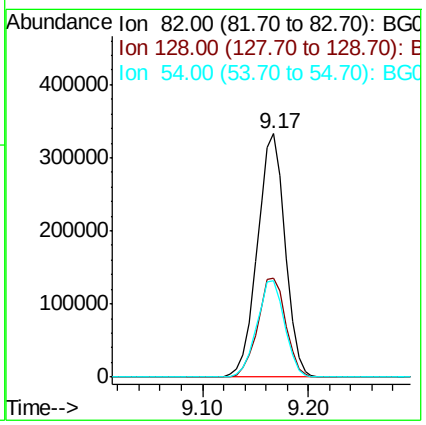


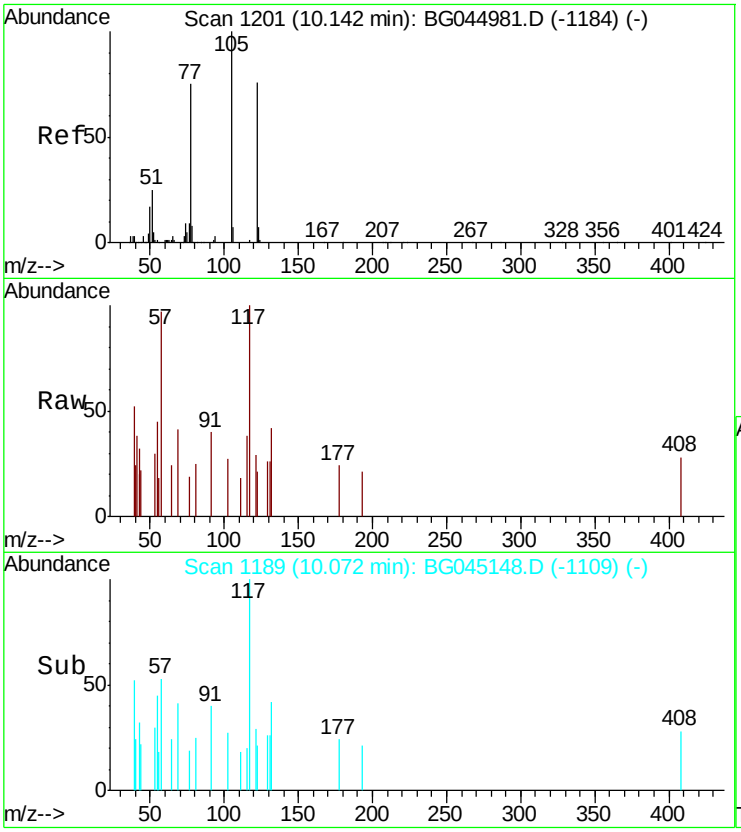


#23
Nitrobenzene-d5
Concen: 64.223 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BG045148.D
Acq: 23 Apr 2020 19:09

Tgt Ion: 82 Resp: 606117

Ion	Ratio	Lower	Upper
82	100		
128	40.7	33.0	49.4
54	39.5	30.4	45.6



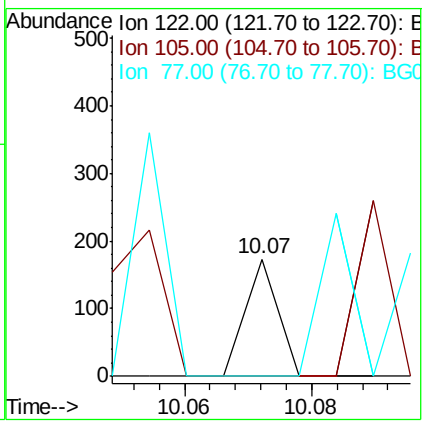


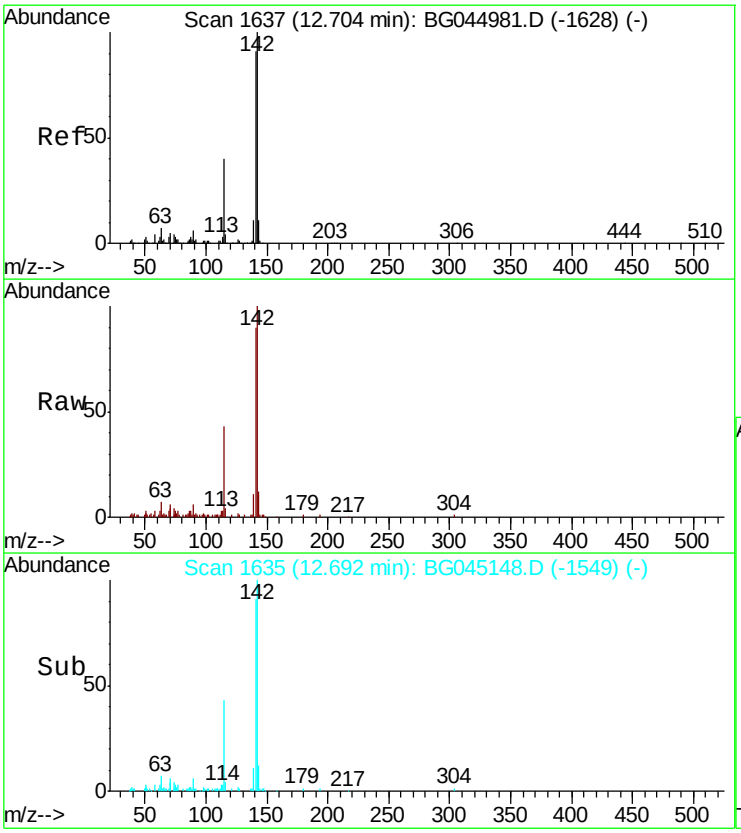
#32
Benzoic acid
Concen: 6.384 ng
RT: 10.07 min Scan# 1189
Delta R.T. -0.06 min
Lab File: BG045148.D
Acq: 23 Apr 2020 19:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 61

Ion	Ratio	Lower	Upper
122	100		
105	0.0	108.4	148.4#
77	0.0	78.8	118.8#

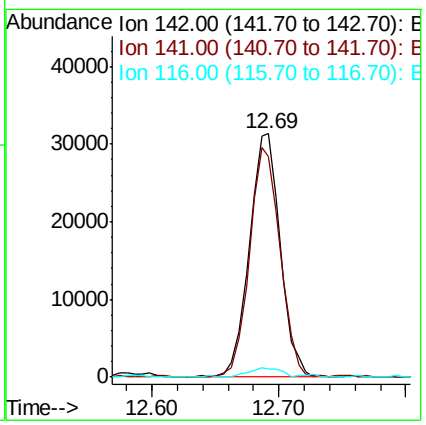


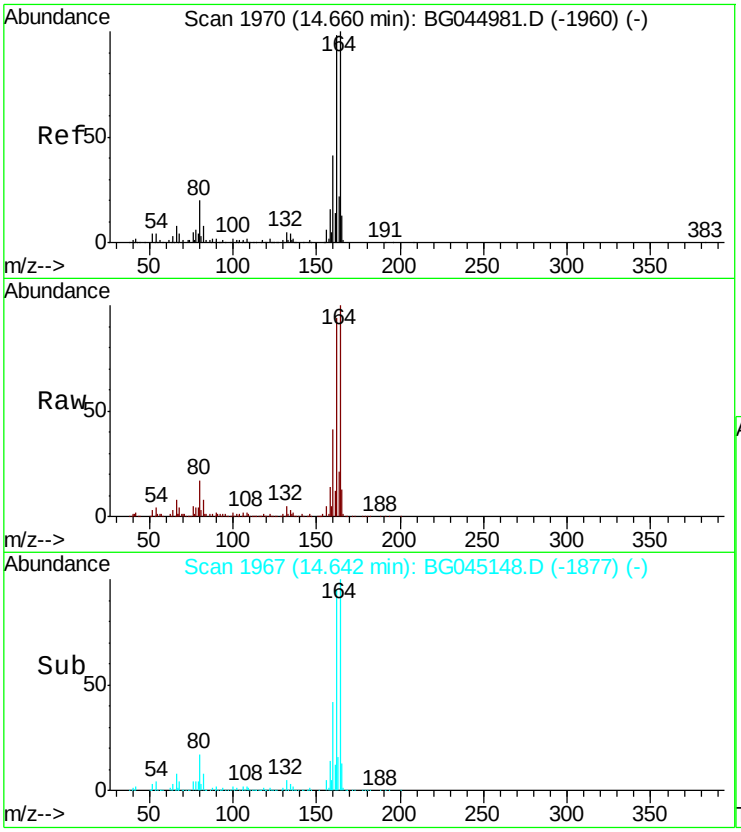


#38
1-Methylnaphthalene
Concen: 3.077 ng
RT: 12.69 min Scan# 1635
Delta R.T. 0.01 min
Lab File: BG045148.D
Acq: 23 Apr 2020 19:09

Tgt Ion:142 Resp: 53112

Ion	Ratio	Lower	Upper
142	100		
141	90.4	72.7	109.1
116	3.5	3.1	4.7



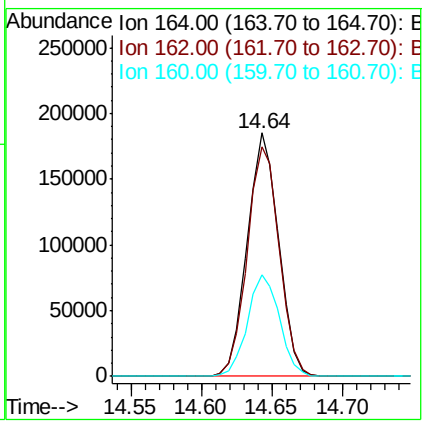


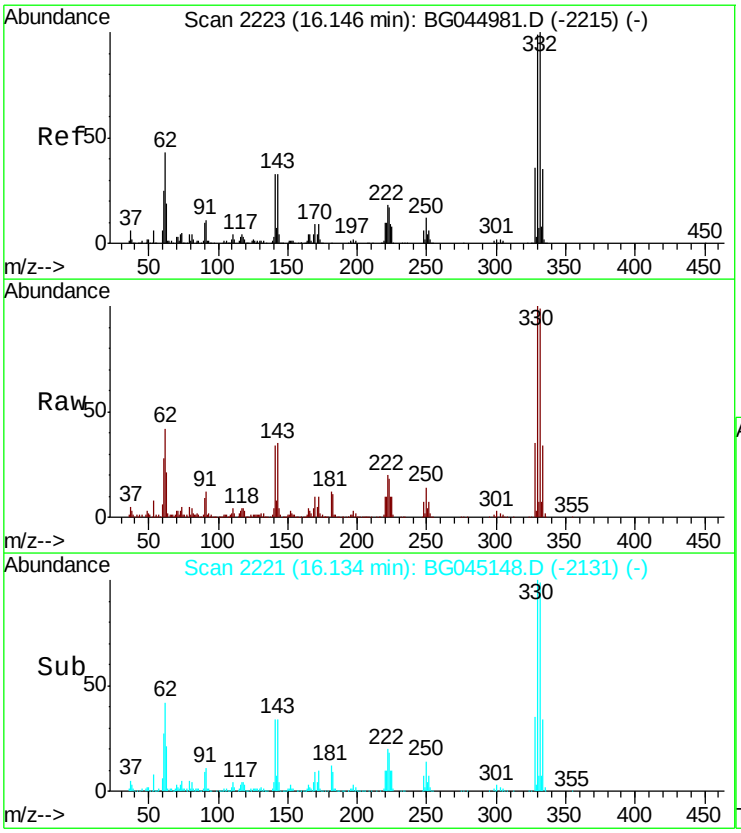
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1967
Delta R.T. -0.00 min
Lab File: BG045148.D
Acq: 23 Apr 2020 19:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 288336

Ion	Ratio	Lower	Upper
164	100		
162	94.4	78.7	118.1
160	41.5	32.8	49.2

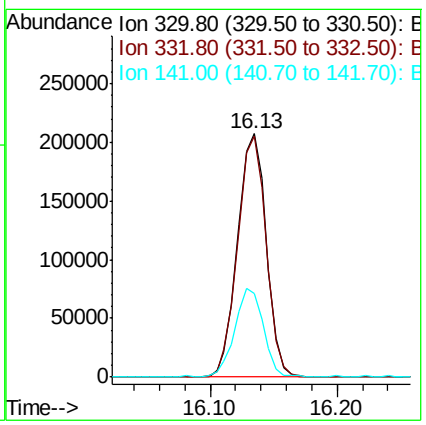


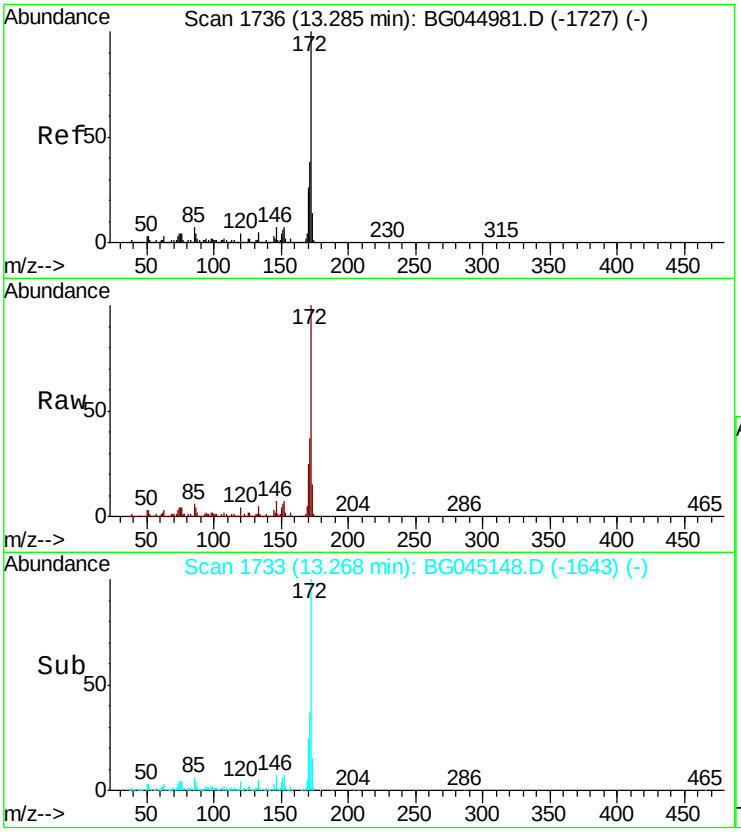


#42
2,4,6-Tribromophenol
Concen: 73.159 ng
RT: 16.13 min Scan# 2221
Delta R.T. -0.00 min
Lab File: BG045148.D
Acq: 23 Apr 2020 19:09

Tgt Ion:330 Resp: 325879

Ion	Ratio	Lower	Upper
330	100		
332	98.5	79.1	118.7
141	35.8	27.1	40.7



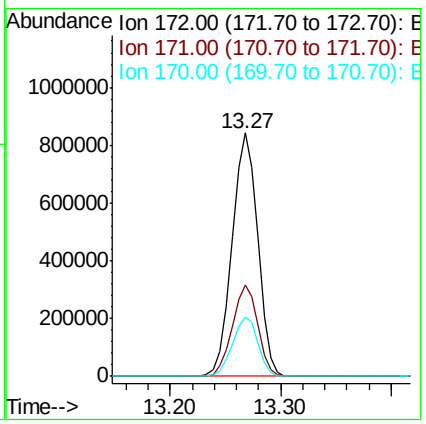


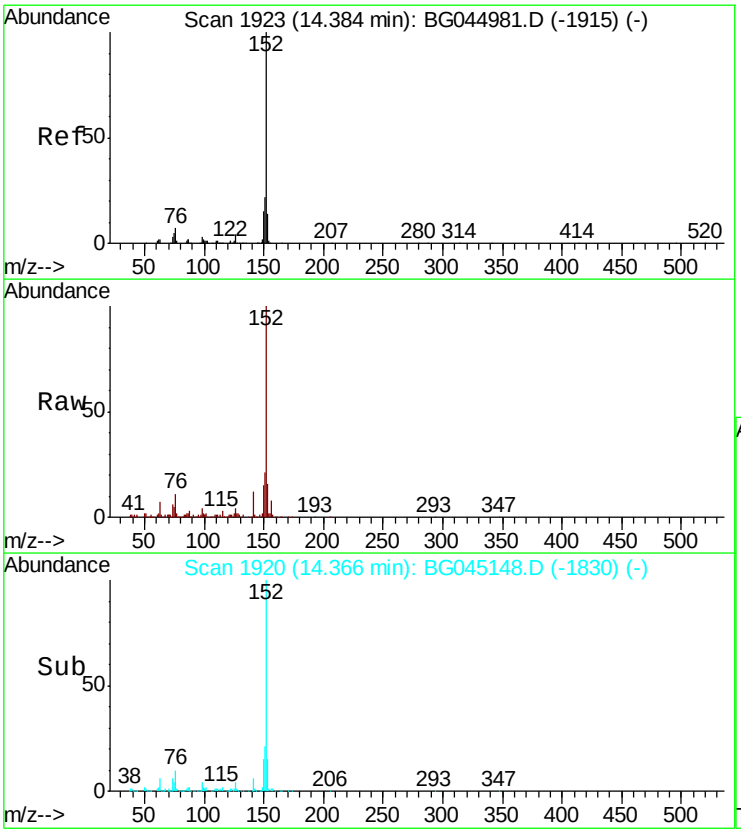
#45
2-Fluorobiphenyl
Concen: 69.675 ng
RT: 13.27 min Scan# 1733
Delta R.T. -0.00 min
Lab File: BG045148.D
Acq: 23 Apr 2020 19:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 1370084

Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.6	46.0
170	24.6	20.5	30.7

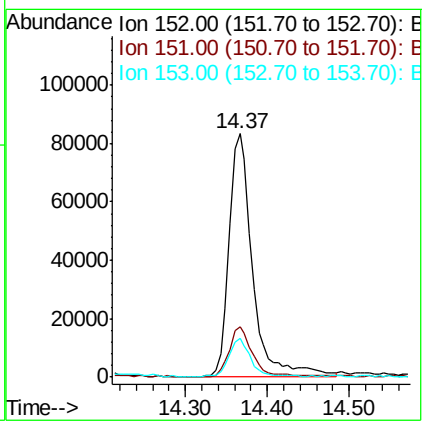


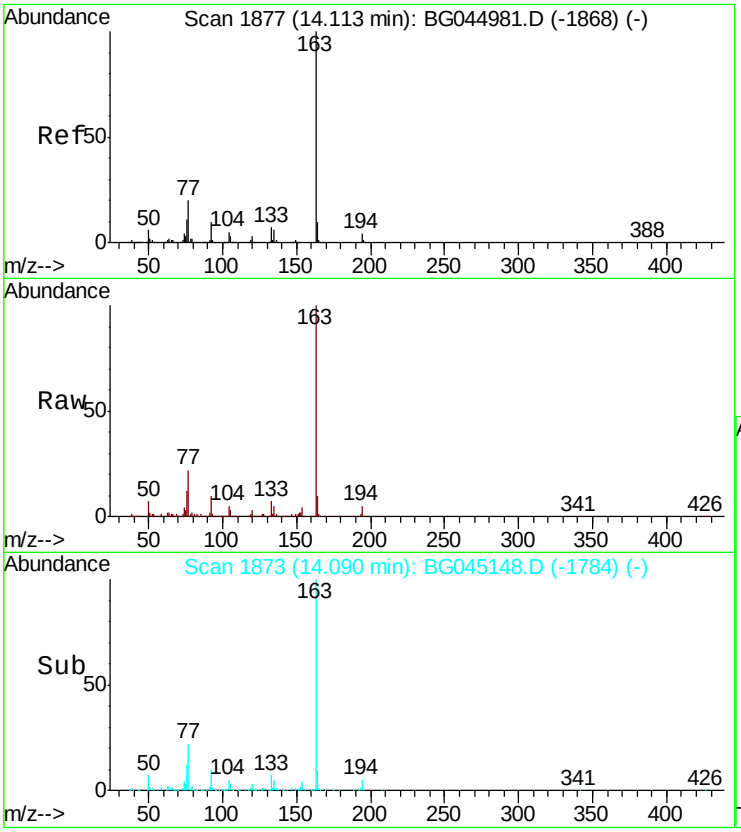


#49
Acenaphthylene
Concen: 6.161 ng
RT: 14.37 min Scan# 1920
Delta R.T. -0.00 min
Lab File: BG045148.D
Acq: 23 Apr 2020 19:09

Tgt Ion:152 Resp: 168047

Ion	Ratio	Lower	Upper
152	100		
151	20.9	17.2	25.8
153	15.7	11.0	16.4



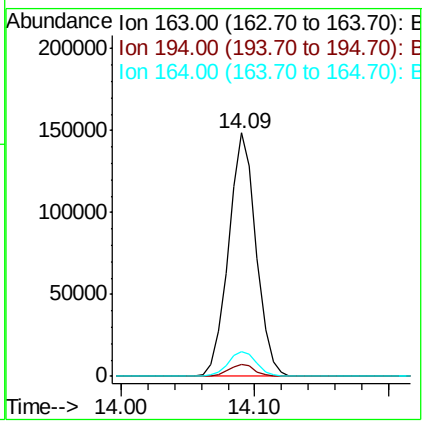


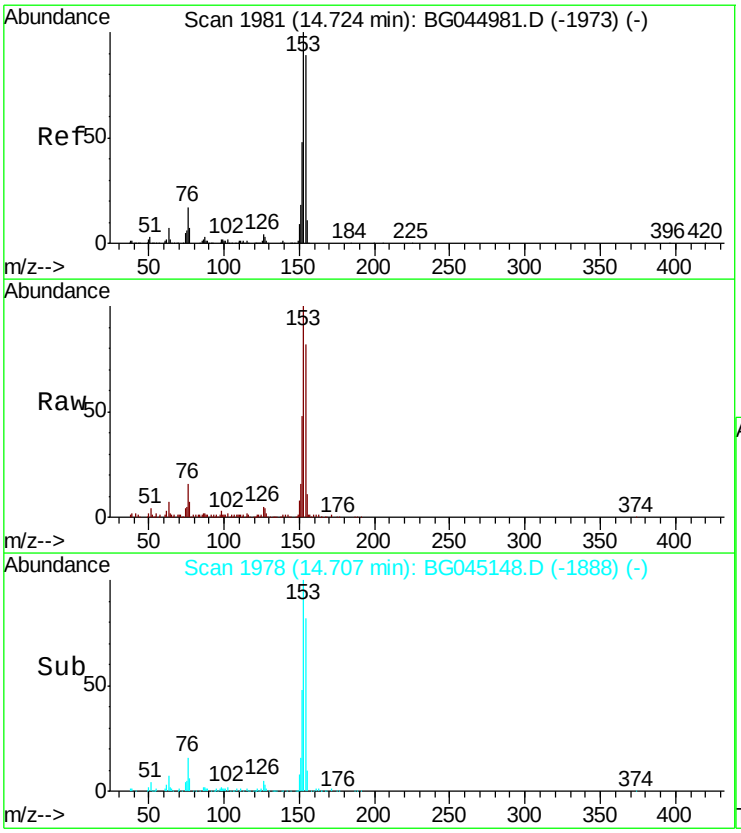
#50
Dimethylphthalate
Concen: 9.096 ng
RT: 14.09 min Scan# 1873
Delta R.T. -0.01 min
Lab File: BG045148.D
Acq: 23 Apr 2020 19:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 213559

Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.5	5.3
164	10.4	8.2	12.4

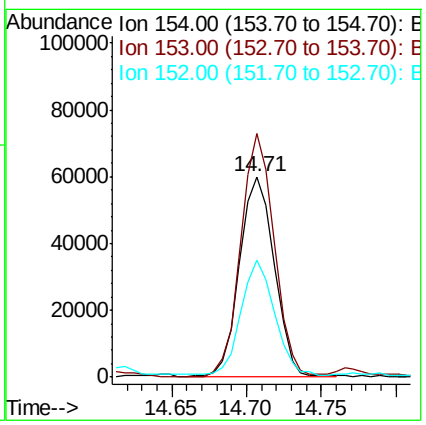


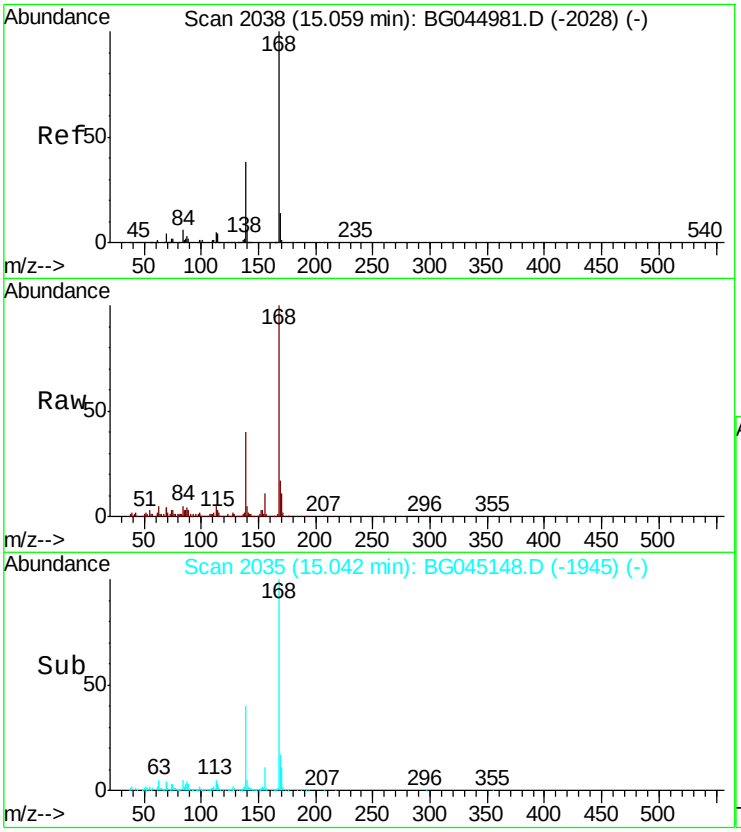


#52
Acenaphthene
Concen: 5.163 ng
RT: 14.71 min Scan# 1978
Delta R.T. -0.00 min
Lab File: BG045148.D
Acq: 23 Apr 2020 19:09

Tgt Ion:154 Resp: 95290

Ion	Ratio	Lower	Upper
154	100		
153	121.4	89.7	134.5
152	58.1	43.1	64.7



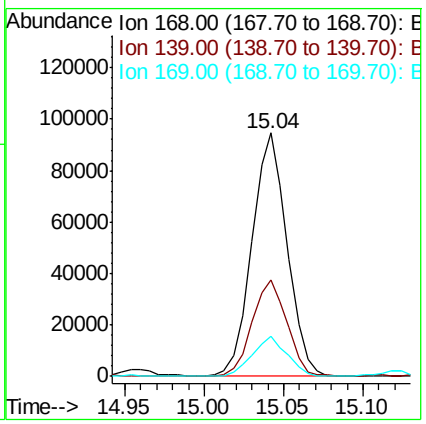


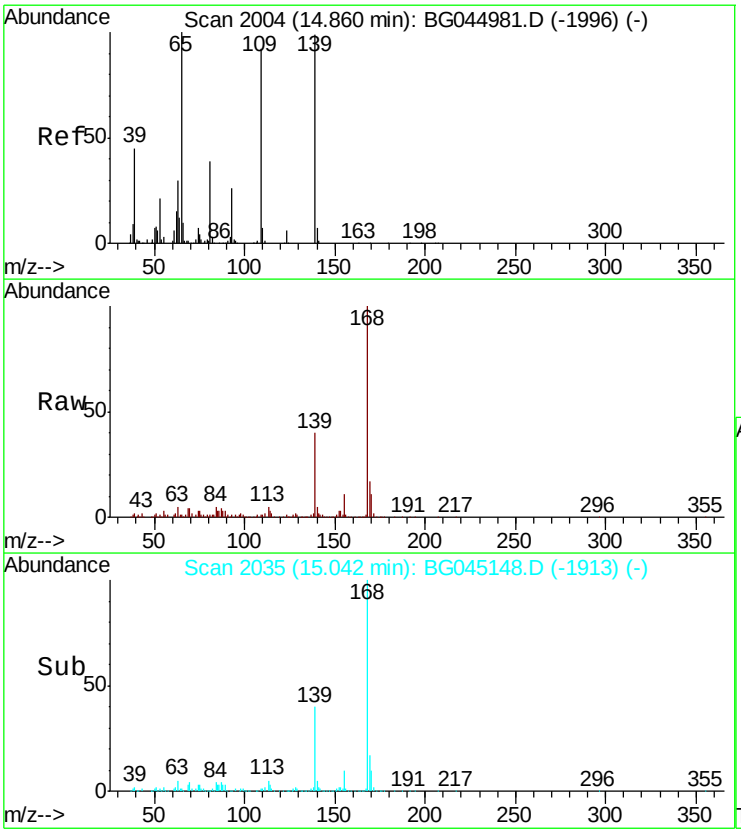
#55
Dibenzofuran
Concen: 5.410 ng
RT: 15.04 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BG045148.D
Acq: 23 Apr 2020 19:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:168 Resp: 145570

Ion	Ratio	Lower	Upper
168	100		
139	39.6	30.4	45.6
169	16.7	11.0	16.4#

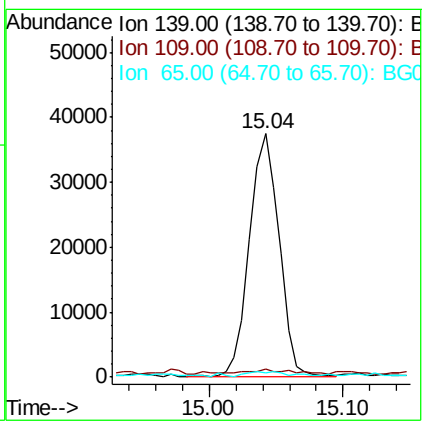


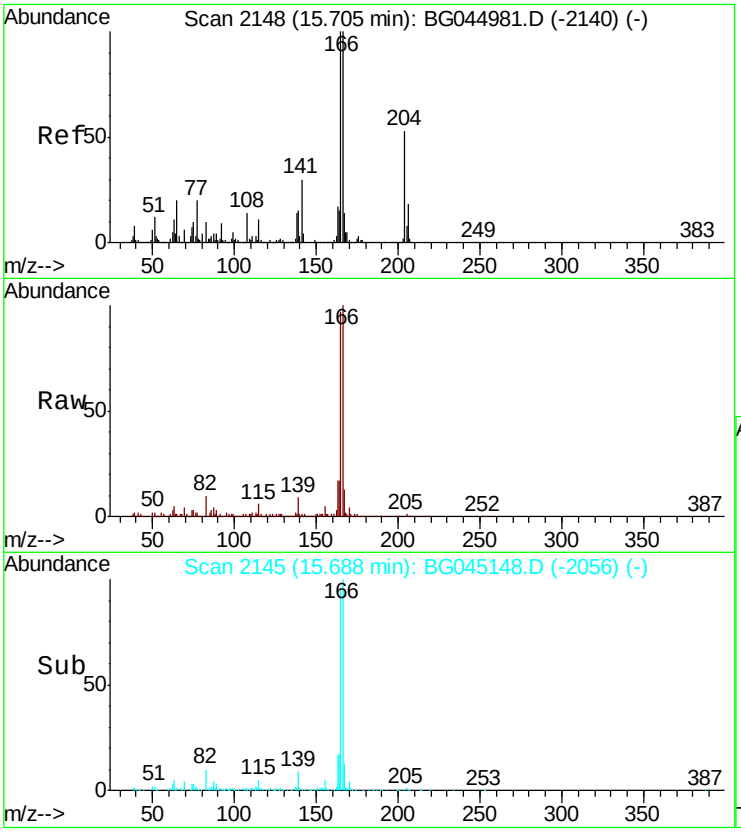


#56
4-Nitrophenol
Concen: 12.907 ng
RT: 15.04 min Scan# 2035
Delta R.T. 0.19 min
Lab File: BG045148.D
Acq: 23 Apr 2020 19:09

Tgt Ion:139 Resp: 57636

Ion	Ratio	Lower	Upper
139	100		
109	3.4	73.6	113.6#
65	1.9	81.2	121.2#



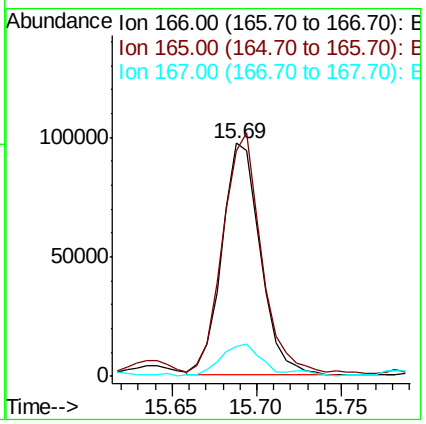


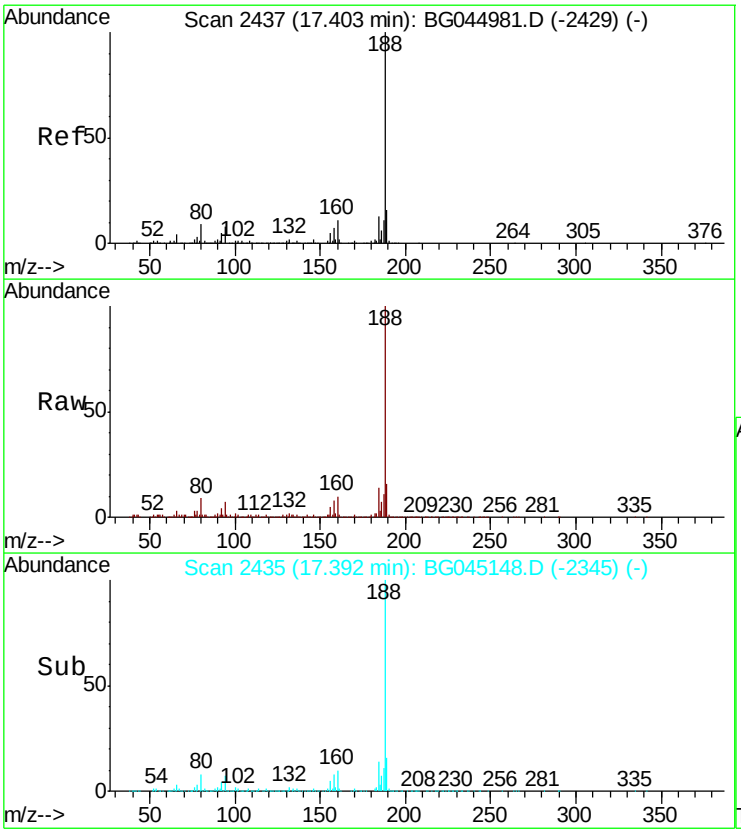
#58
Fluorene
Concen: 6.999 ng
RT: 15.69 min Scan# 2145
Delta R.T. -0.01 min
Lab File: BG045148.D
Acq: 23 Apr 2020 19:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:166 Resp: 153810

Ion	Ratio	Lower	Upper
166	100		
165	96.6	79.9	119.9
167	13.0	11.4	17.0

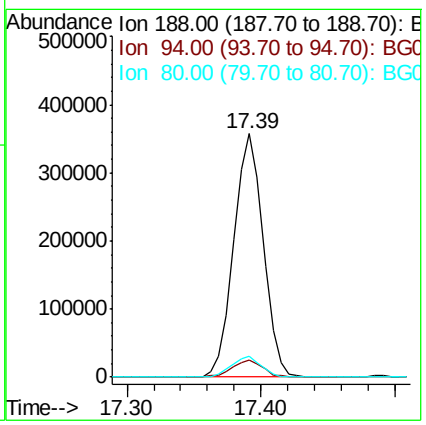


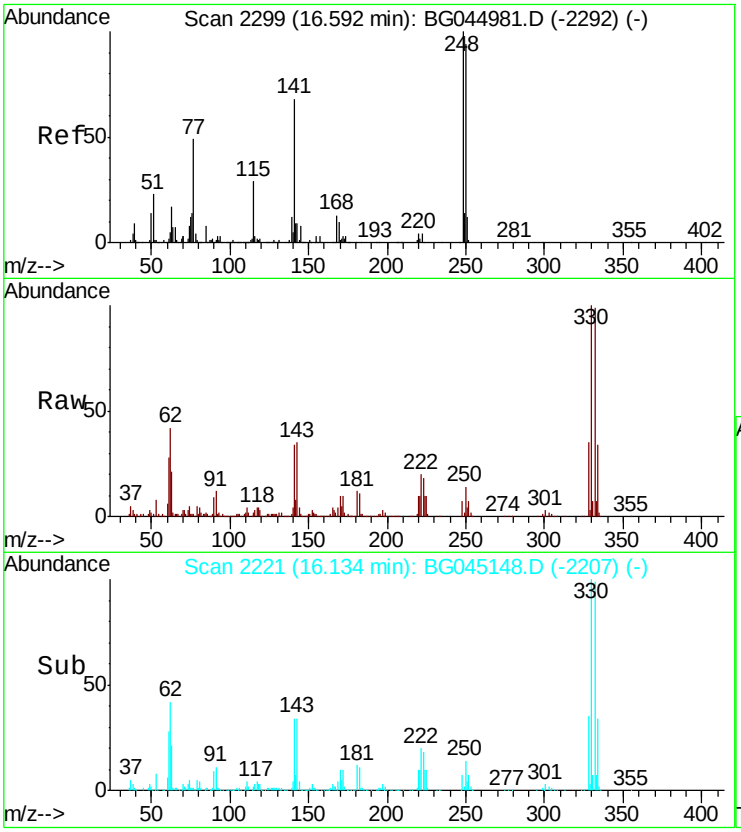


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2435
Delta R.T. -0.00 min
Lab File: BG045148.D
Acq: 23 Apr 2020 19:09

Tgt Ion:188 Resp: 546878

Ion	Ratio	Lower	Upper
188	100		
94	6.8	6.2	9.4
80	8.6	7.0	10.6



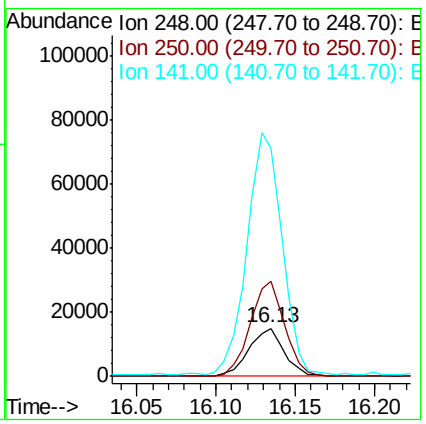


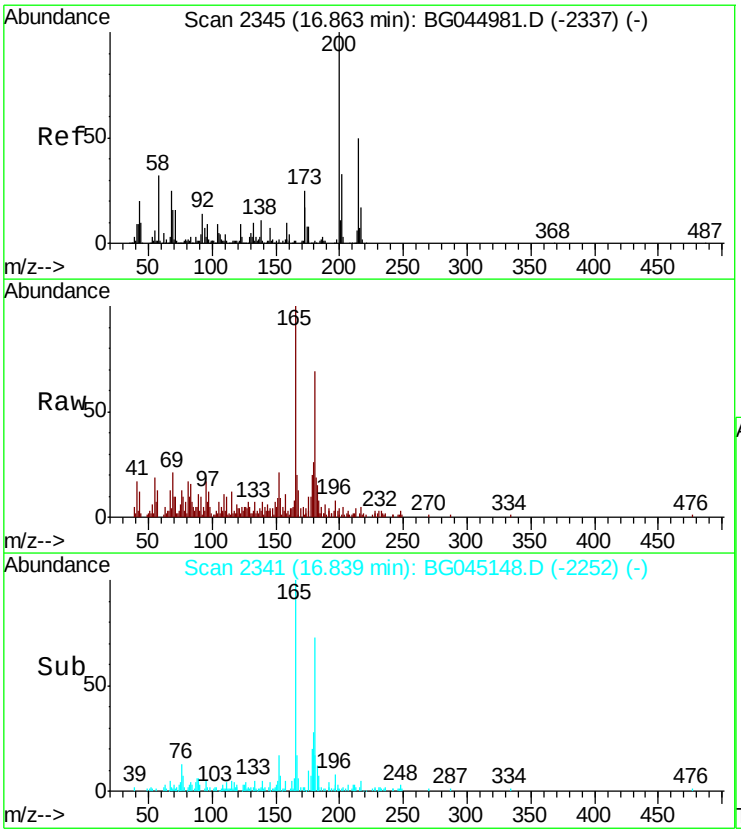
#67
4-Bromophenyl-phenylether
Concen: 3.263 ng
RT: 16.13 min Scan# 2221
Delta R.T. -0.45 min
Lab File: BG045148.D
Acq: 23 Apr 2020 19:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 23024

Ion	Ratio	Lower	Upper
248	100		
250	196.6	75.4	113.2#
141	474.6	54.4	81.6#

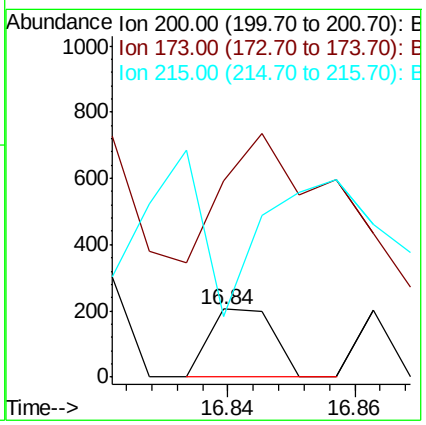


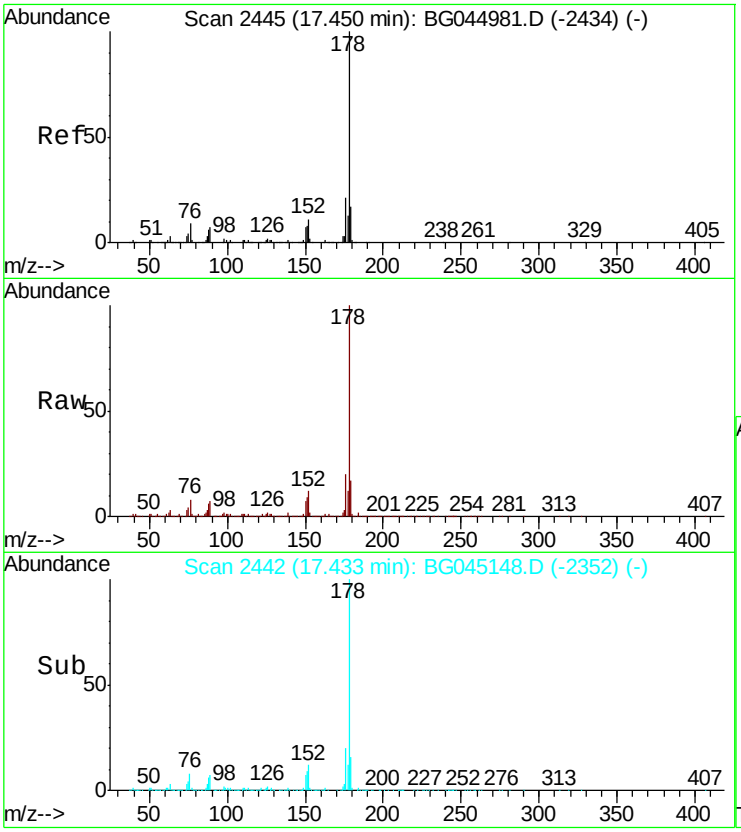


#69
Atrazine
Concen: Below Cal
RT: 16.84 min Scan# 2341
Delta R.T. -0.01 min
Lab File: BG045148.D
Acq: 23 Apr 2020 19:09

Tgt Ion:200 Resp: 142

Ion	Ratio	Lower	Upper
200	100		
173	288.3	4.5	44.5#
215	88.3	30.0	70.0#



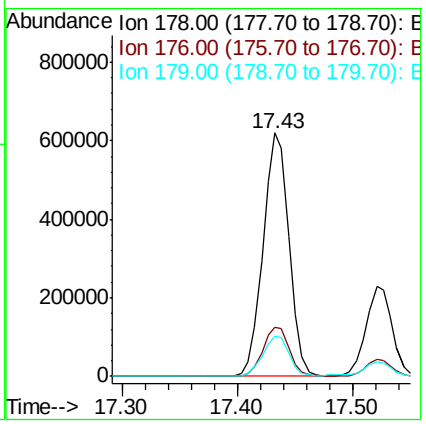


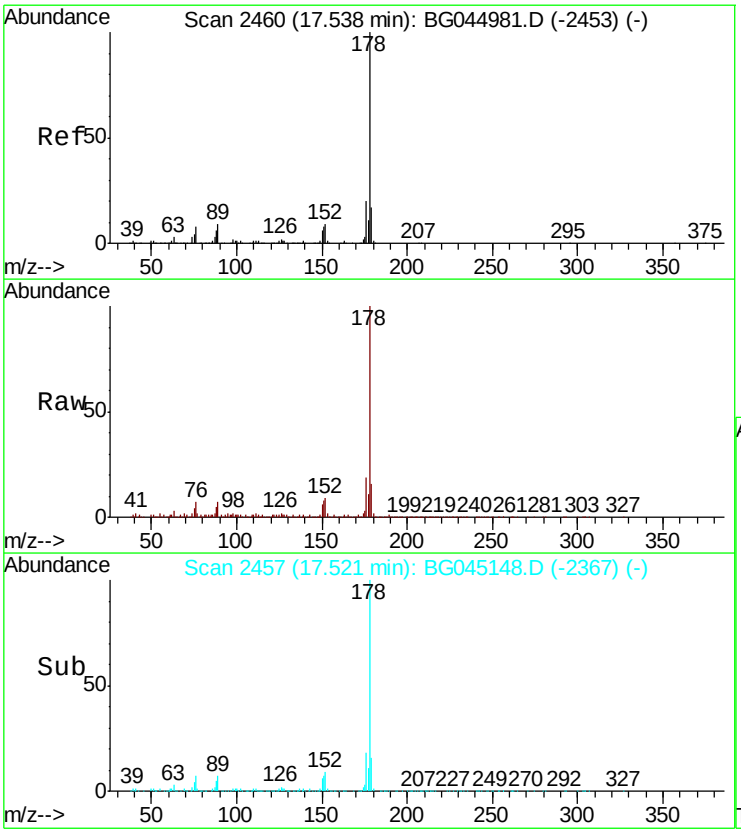
#71
Phenanthrene
Concen: 34.403 ng
RT: 17.43 min Scan# 2442
Delta R.T. -0.00 min
Lab File: BG045148.D
Acq: 23 Apr 2020 19:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 966811

Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.8	25.2
179	16.6	13.2	19.8

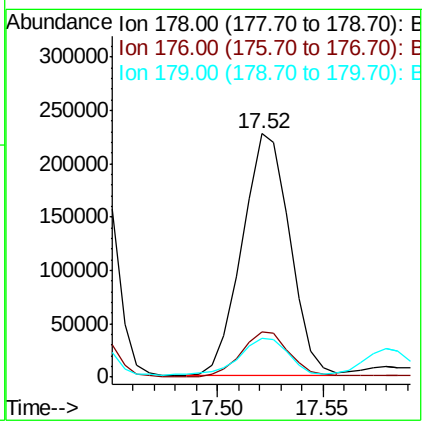


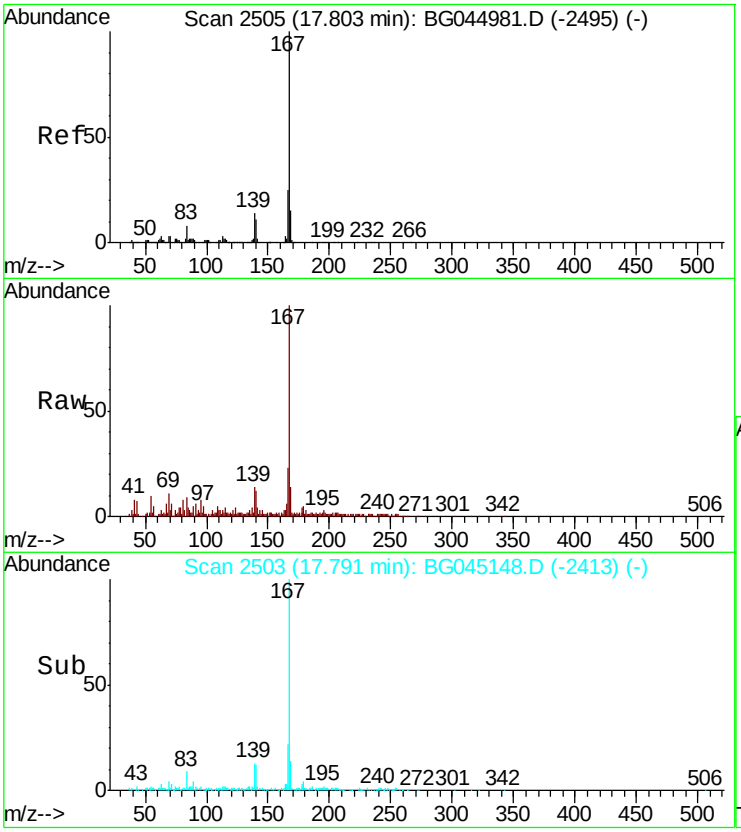


#72
Anthracene
Concen: 12.505 ng
RT: 17.52 min Scan# 2457
Delta R.T. -0.00 min
Lab File: BG045148.D
Acq: 23 Apr 2020 19:09

Tgt Ion:178 Resp: 352525

Ion	Ratio	Lower	Upper
178	100		
176	18.6	16.0	24.0
179	16.0	13.6	20.4



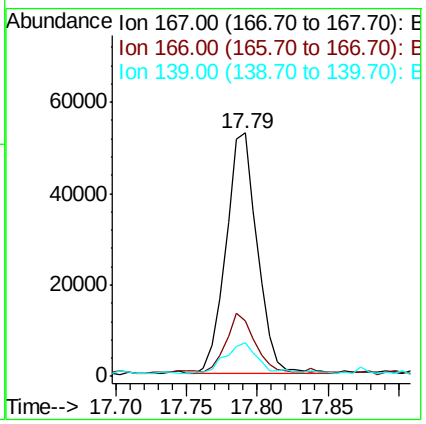


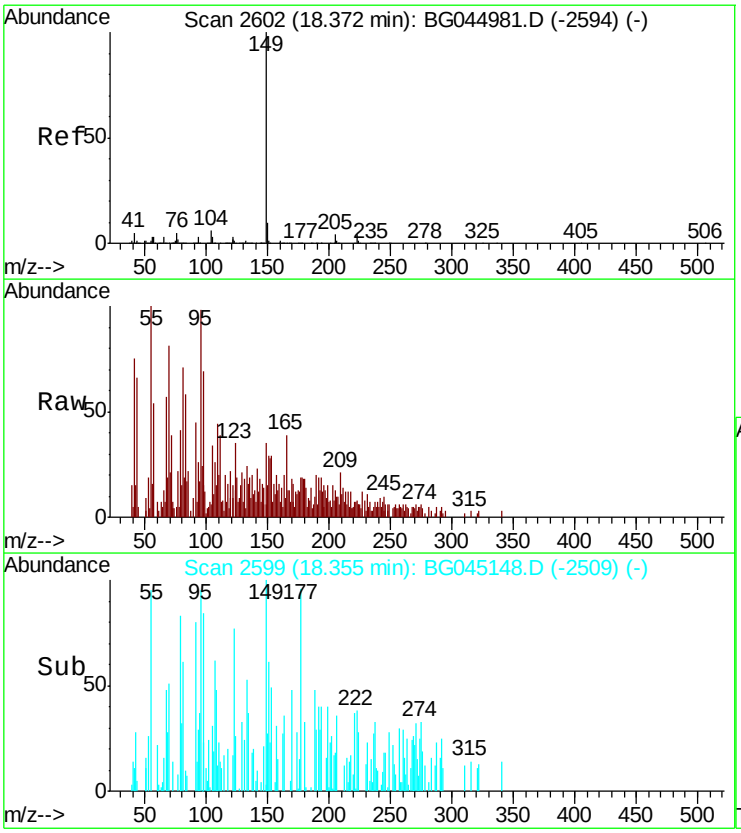
#73
Carbazole
Concen: 2.841 ng
RT: 17.79 min Scan# 2503
Delta R.T. -0.00 min
Lab File: BG045148.D
Acq: 23 Apr 2020 19:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:167 Resp: 81279

Ion	Ratio	Lower	Upper
167	100		
166	22.8	19.8	29.6
139	13.8	10.9	16.3

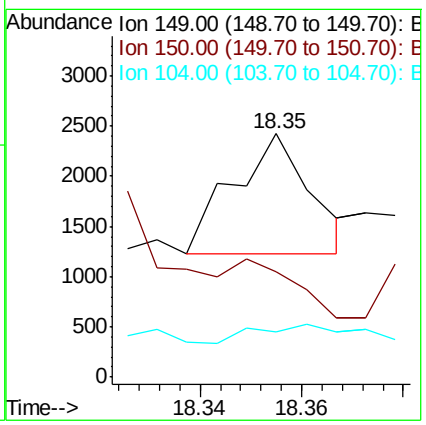


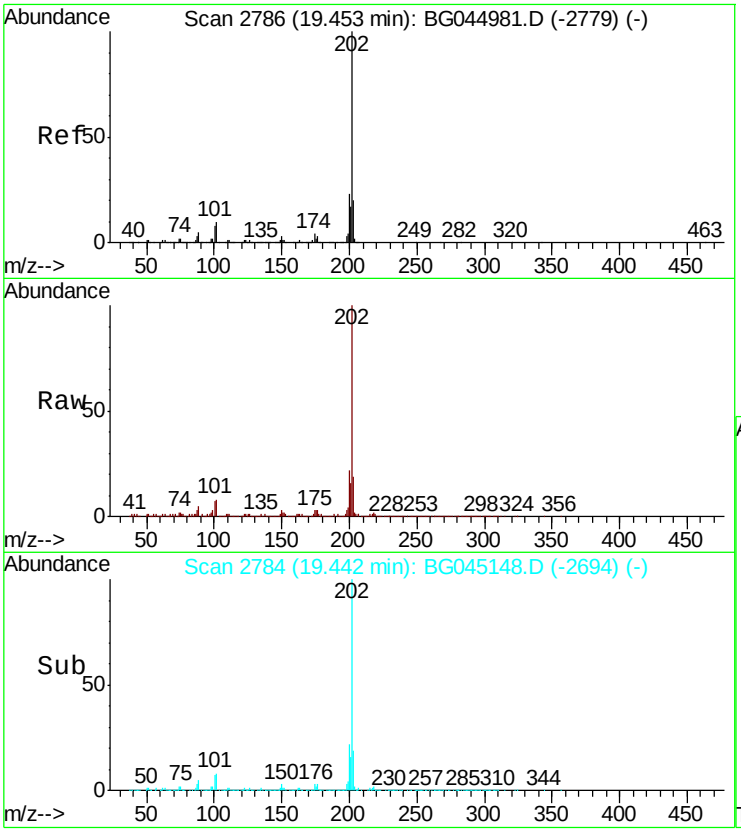


#74
Di-n-butylphthalate
Concen: Below Cal
RT: 18.35 min Scan# 2599
Delta R.T. -0.00 min
Lab File: BG045148.D
Acq: 23 Apr 2020 19:09

Tgt Ion:149 Resp: 1270

Ion	Ratio	Lower	Upper
149	100		
150	43.1	8.2	12.2#
104	18.4	4.8	7.2#



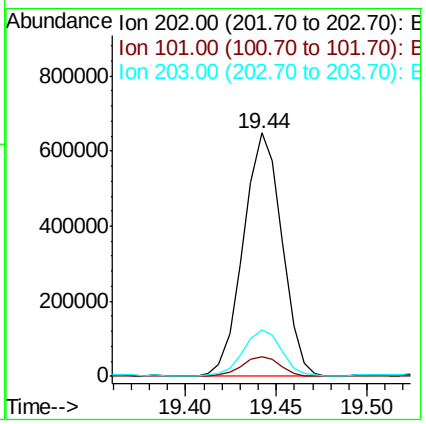


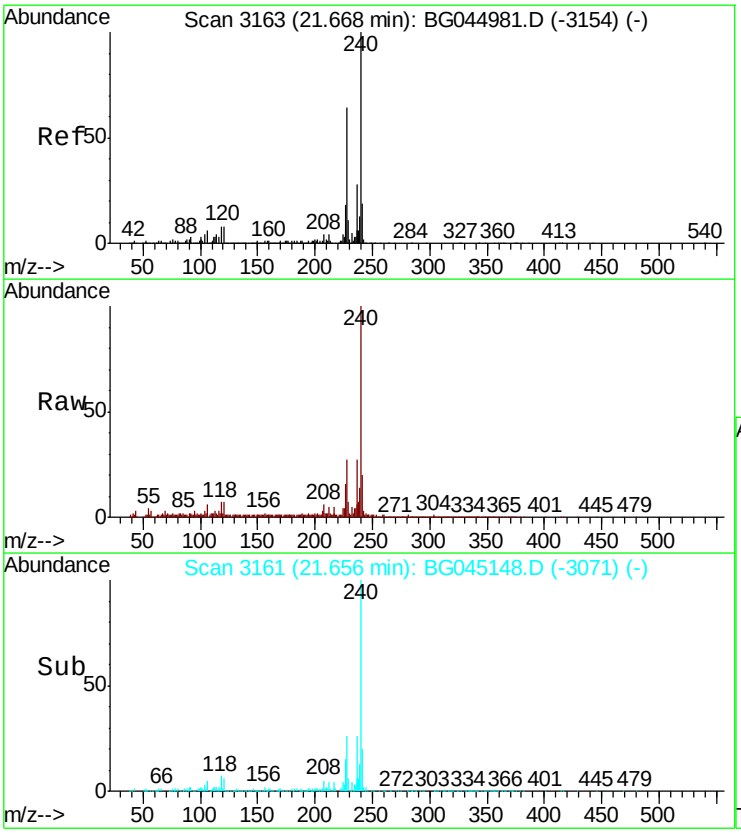
#75
Fluoranthene
Concen: 26.354 ng
RT: 19.44 min Scan# 2784
Delta R.T. -0.00 min
Lab File: BG045148.D
Acq: 23 Apr 2020 19:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 954963

Ion	Ratio	Lower	Upper
202	100		
101	7.8	0.0	29.6
203	19.2	0.0	39.7

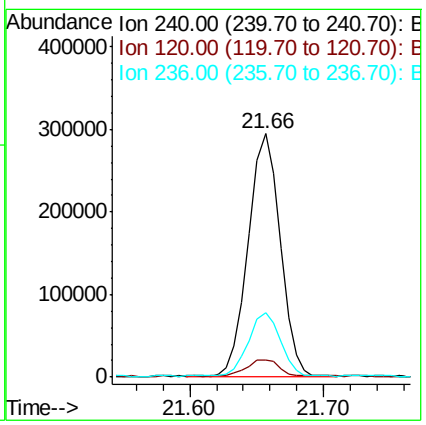


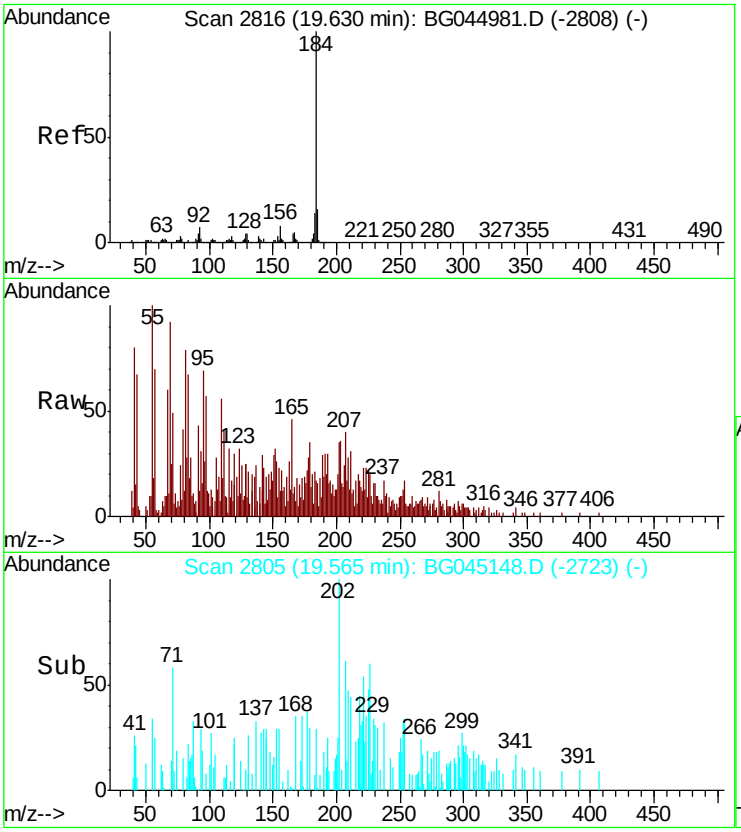


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3161
Delta R.T. -0.00 min
Lab File: BG045148.D
Acq: 23 Apr 2020 19:09

Tgt Ion:240 Resp: 486041

Ion	Ratio	Lower	Upper
240	100		
120	6.8	6.6	10.0
236	26.5	22.2	33.2



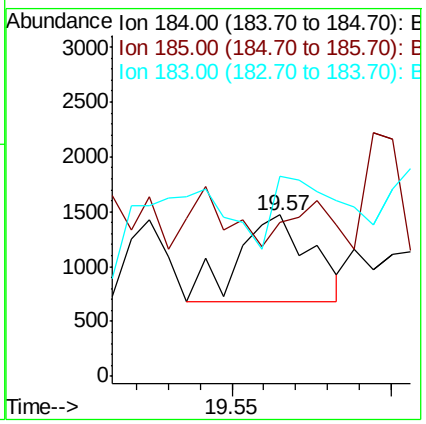


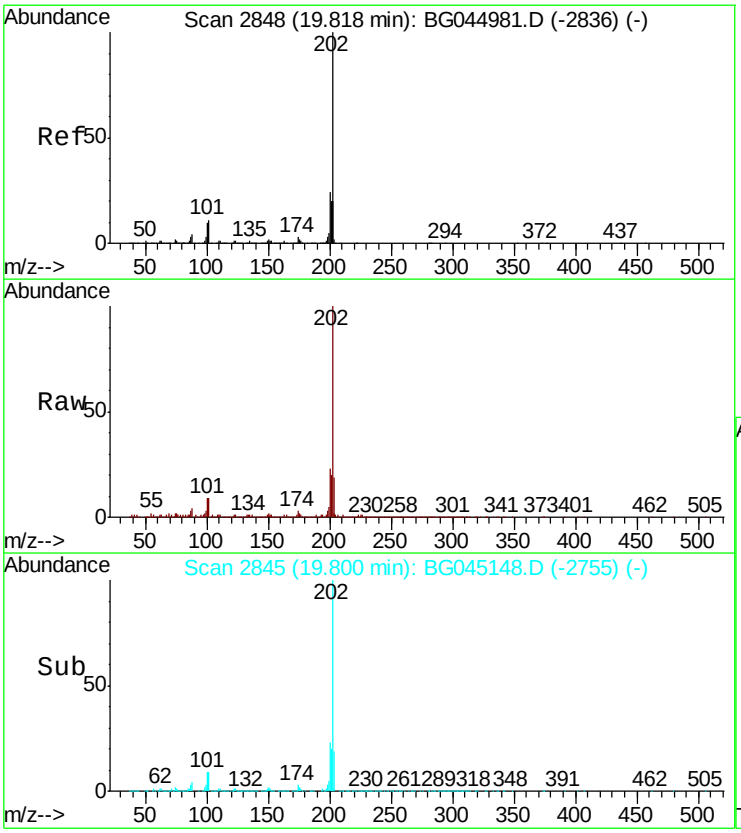
#77
Benzidine
Concen: Below Cal
RT: 19.57 min Scan# 2805
Delta R.T. -0.05 min
Lab File: BG045148.D
Acq: 23 Apr 2020 19:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 1296

Ion	Ratio	Lower	Upper
184	100		
185	95.8	12.6	19.0#
183	123.7	11.3	16.9#

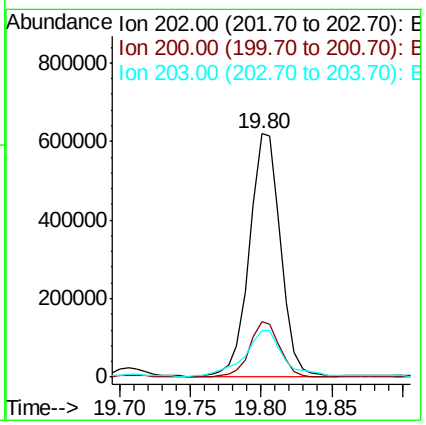


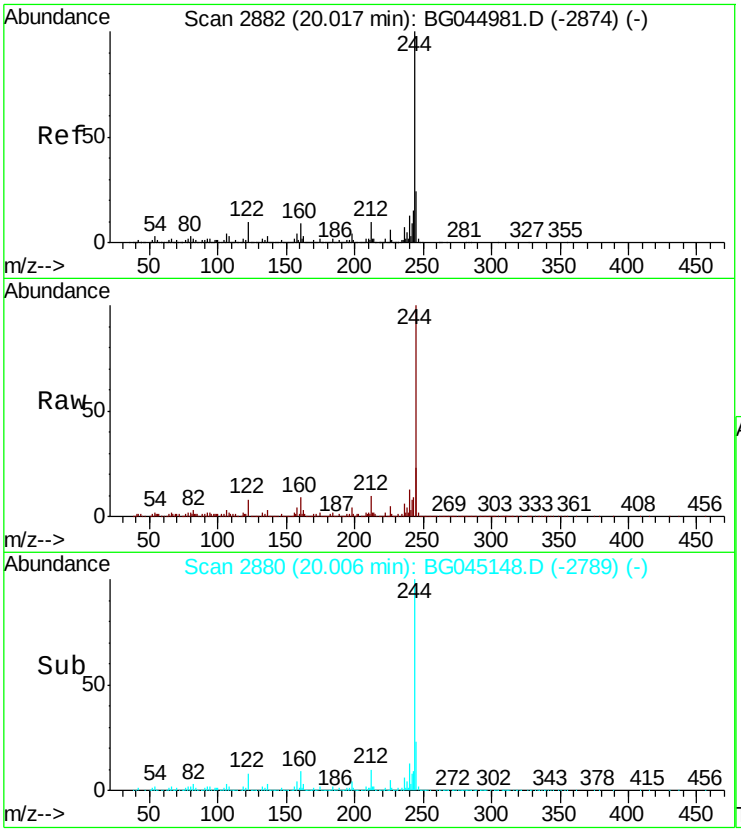


#78
Pyrene
Concen: 28.506 ng
RT: 19.80 min Scan# 2845
Delta R.T. -0.00 min
Lab File: BG045148.D
Acq: 23 Apr 2020 19:09

Tgt Ion:202 Resp: 955178

Ion	Ratio	Lower	Upper
202	100		
200	22.6	19.0	28.6
203	19.0	16.1	24.1



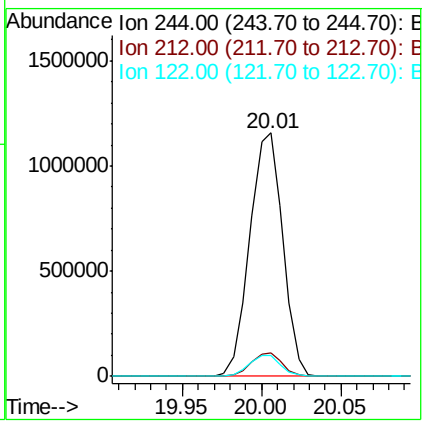


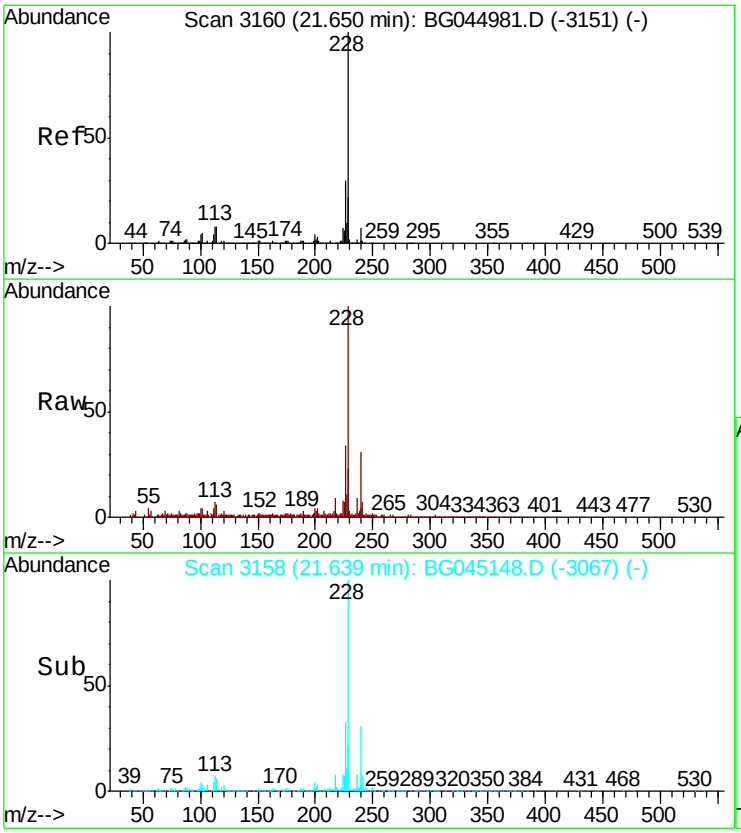
#79
Terphenyl-d14
Concen: 75.050 ng
RT: 20.01 min Scan# 2880
Delta R.T. 0.01 min
Lab File: BG045148.D
Acq: 23 Apr 2020 19:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1673602

Ion	Ratio	Lower	Upper
244	100		
212	9.7	7.9	11.9
122	8.4	7.7	11.5

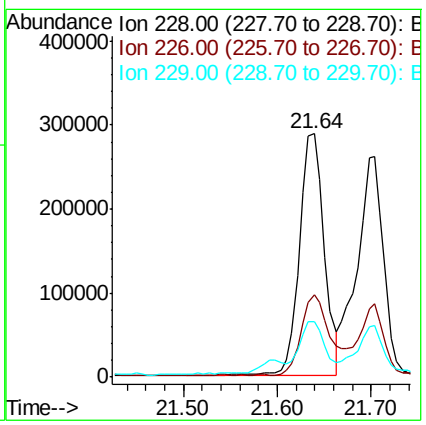


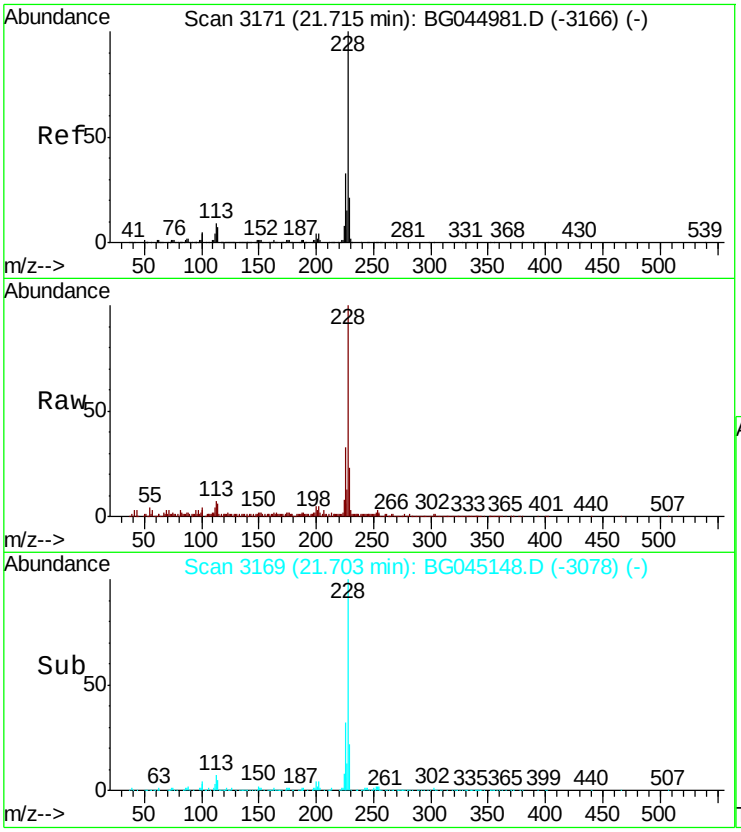


#81
Benzo(a)anthracene
Concen: 17.054 ng
RT: 21.64 min Scan# 3158
Delta R.T. 0.01 min
Lab File: BG045148.D
Acq: 23 Apr 2020 19:09

Tgt Ion:228 Resp: 537230

Ion	Ratio	Lower	Upper
228	100		
226	33.8	24.0	36.0
229	22.9	17.5	26.3



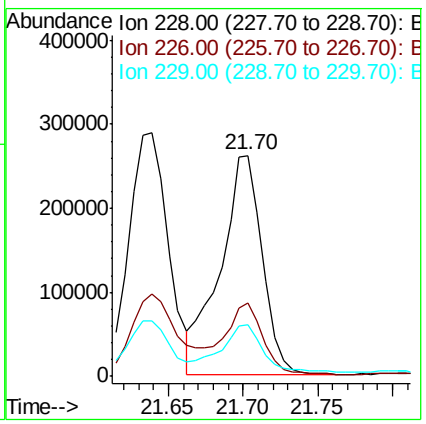


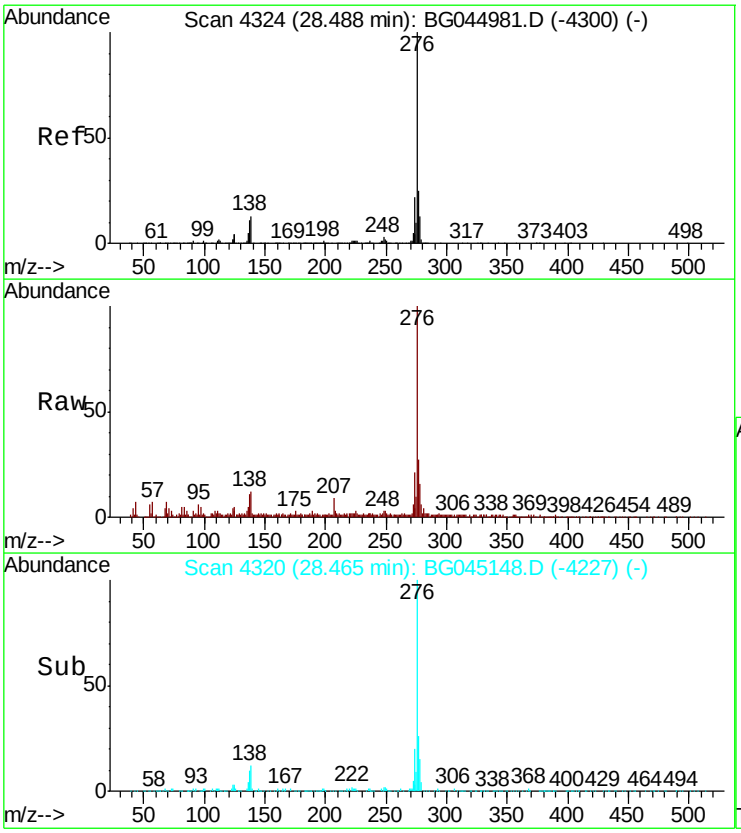
#83
Chrysene
Concen: 16.948 ng
RT: 21.70 min Scan# 3169
Delta R.T. 0.01 min
Lab File: BG045148.D
Acq: 23 Apr 2020 19:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 512977

Ion	Ratio	Lower	Upper
228	100		
226	32.9	26.2	39.4
229	23.2	17.0	25.6

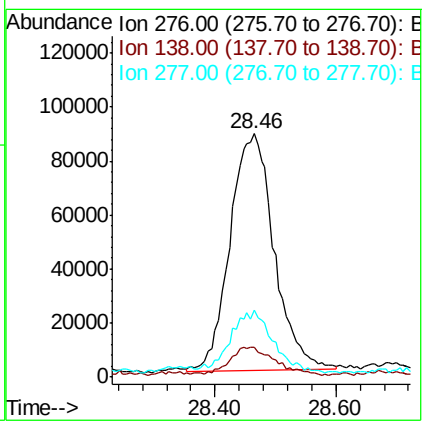


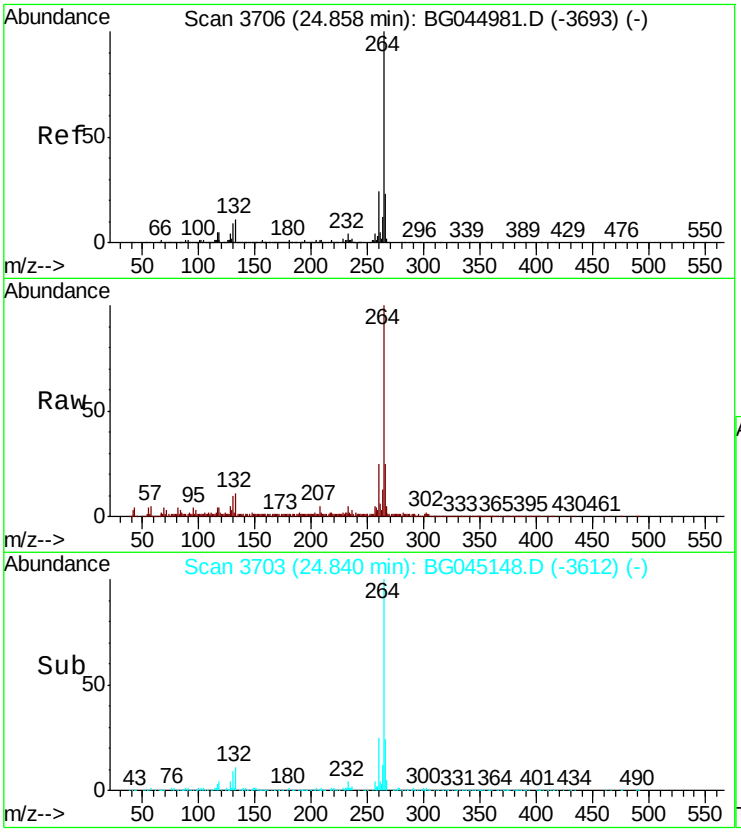


#86
Indeno(1,2,3-cd)pyrene
Concen: 11.054 ng
RT: 28.46 min Scan# 4320
Delta R.T. 0.02 min
Lab File: BG045148.D
Acq: 23 Apr 2020 19:09

Tgt Ion:276 Resp: 444225

Ion	Ratio	Lower	Upper
276	100		
138	12.0	9.6	14.4
277	25.2	20.6	31.0



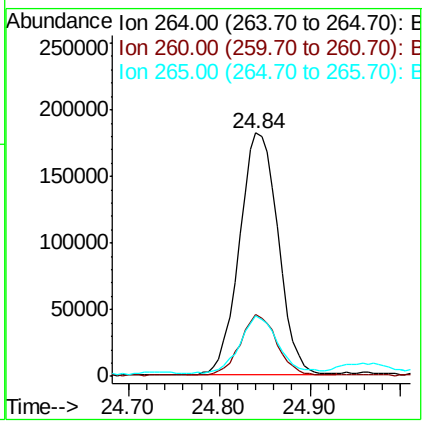


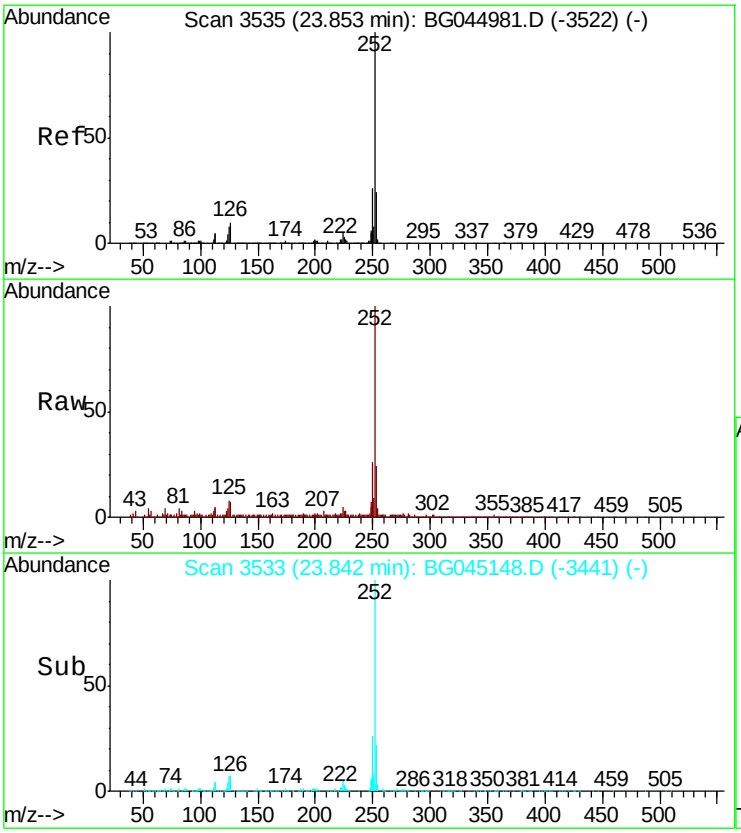
#87
Perylene-d12
Concen: 20.000 ng
RT: 24.84 min Scan# 3703
Delta R.T. 0.01 min
Lab File: BG045148.D
Acq: 23 Apr 2020 19:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 541660

Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.2	28.8
265	24.7	19.0	28.4

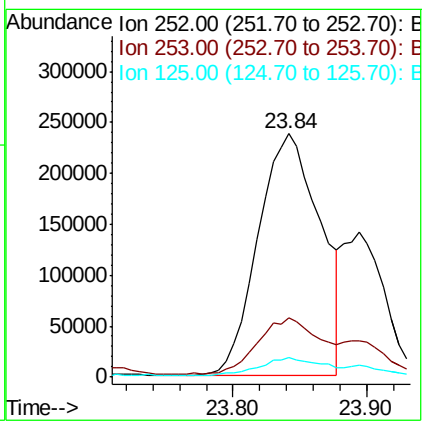


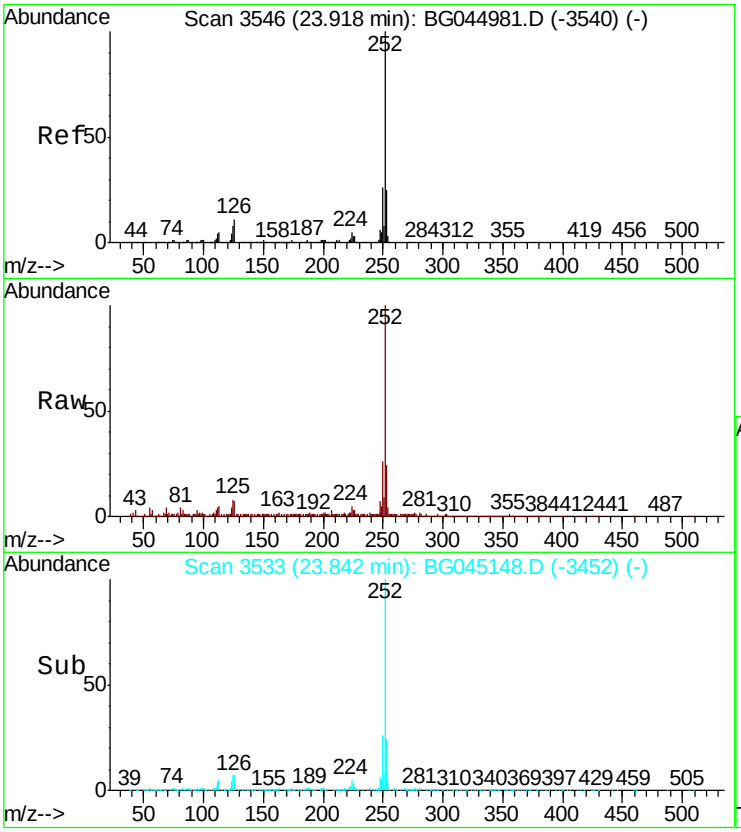


#88
Benzo(b)fluoranthene
Concen: 22.571 ng
RT: 23.84 min Scan# 3533
Delta R.T. 0.01 min
Lab File: BG045148.D
Acq: 23 Apr 2020 19:09

Tgt Ion:252 Resp: 765826

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.8	28.2
125	7.9	6.2	9.4



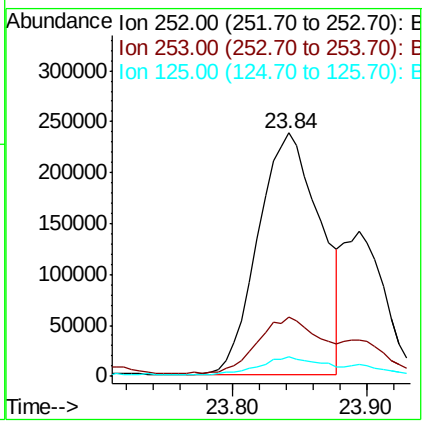


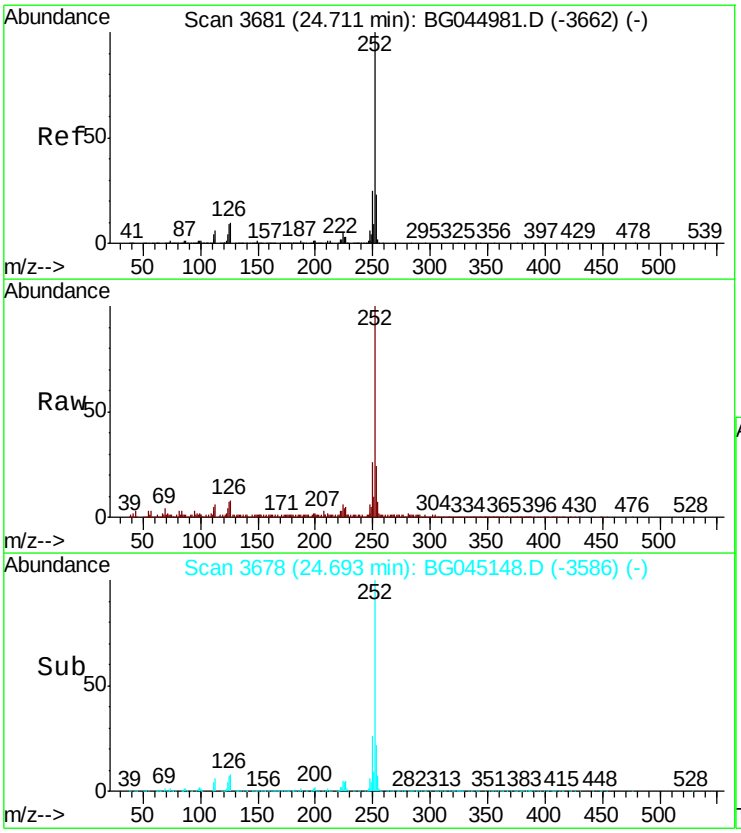
#89
Benzo(k)fluoranthene
Concen: 23.734 ng
RT: 23.84 min Scan# 3533
Delta R.T. -0.05 min
Lab File: BG045148.D
Acq: 23 Apr 2020 19:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 765826

Ion	Ratio	Lower	Upper
252	100		
253	24.3	19.2	28.8
125	7.9	5.9	8.9

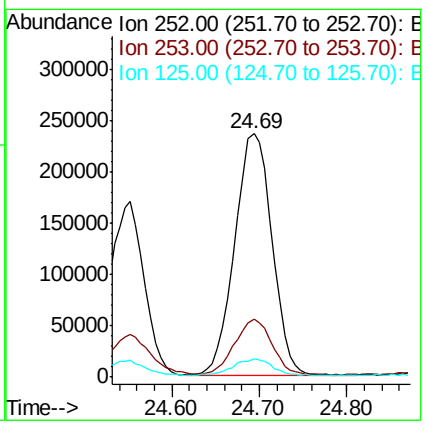


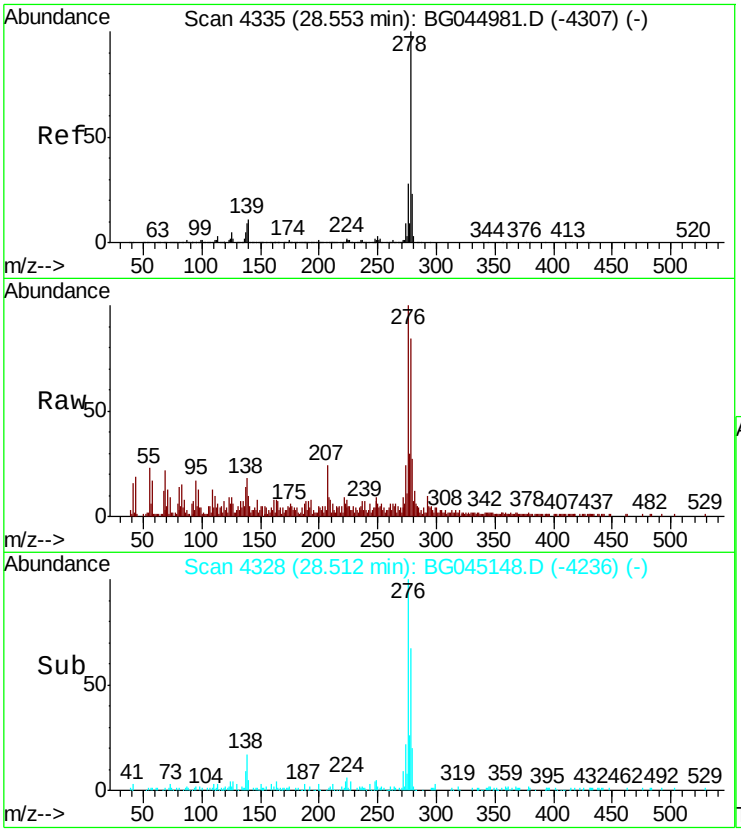


#90
Benzo(a)pyrene
Concen: 21.241 ng
RT: 24.69 min Scan# 3678
Delta R.T. 0.01 min
Lab File: BG045148.D
Acq: 23 Apr 2020 19:09

Tgt Ion:252 Resp: 680432

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.3	27.5
125	7.5	7.0	10.6



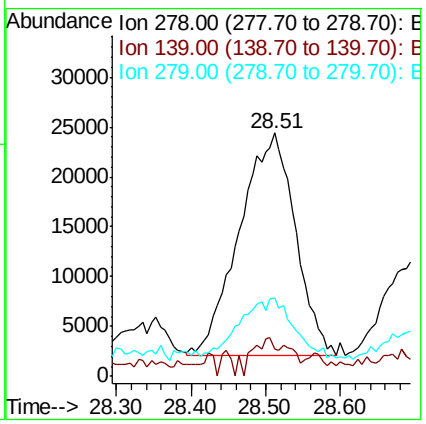


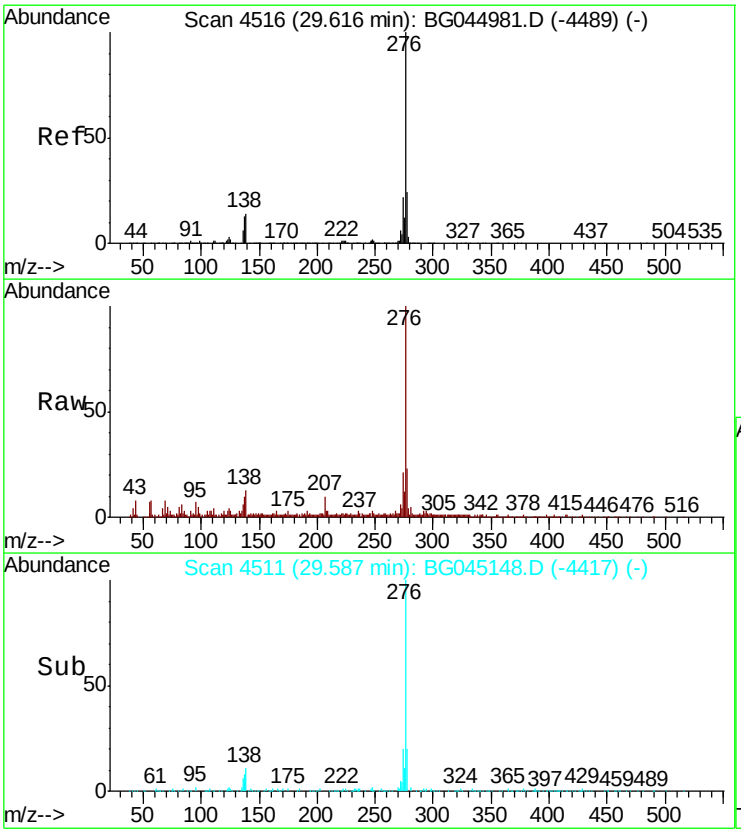
#91
Dibenzo(a,h)anthracene
Concen: 3.571 ng
RT: 28.51 min Scan# 4328
Delta R.T. 0.01 min
Lab File: BG045148.D
Acq: 23 Apr 2020 19:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:278 Resp: 115261

Ion	Ratio	Lower	Upper
278	100		
139	11.4	9.0	13.6
279	32.0	18.4	27.6#





#92
Benzo(g,h,i)perylene
Concen: 12.178 ng
RT: 29.59 min Scan# 4511
Delta R.T. 0.02 min
Lab File: BG045148.D
Acq: 23 Apr 2020 19:09

Tgt Ion:276 Resp: 394119

Ion	Ratio	Lower	Upper
276	100		
277	22.6	19.3	28.9
138	13.0	11.4	17.2