Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG090419\
Data File : BG042717.D
Acq On : 4 Sep 2019 21:10
Operator : HP/JU
Sample : K4554-25RX
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 05 01:34:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	34768	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	130411	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	101876	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	222850	20.00	ng	0.00
76) Chrysene-d12	21.69	240	244965	20.00	ng	0.00
87) Perylene-d12	24.94	264	295942	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	203936	118.80	ng	0.00
7) Phenol-d6	7.16	99	273807	118.08	ng	0.00
23) Nitrobenzene-d5	9.17	82	158930	84.22	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	186910	129.08	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	515826	85.63	ng	0.00
79) Terphenyl-d14	20.02	244	893134	78.82	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.19	94	10296	4.367	ng	81
49) Acenaphthylene	14.38	152	104182	12.195	ng	97
50) Dimethylphthalate	14.10	163	50992	6.937	ng	97
71) Phenanthrene	17.45	178	163436	14.765	ng	98
72) Anthracene	17.54	178	52773	4.776	ng	98
75) Fluoranthene	19.47	202	788069	58.335	ng	98
78) Pyrene	19.83	202	925669	61.635	ng	100
81) Benzo(a)anthracene	21.67	228	638427	42.843	ng	100
83) Chrysene	21.73	228	637374	44.350	ng	99
86) Indeno(1,2,3-cd)pyrene	28.65	276	510846	26.157	ng	98
88) Benzo(b)fluoranthene	23.92	252	923215	56.744	ng	99
89) Benzo(k)fluoranthene	23.97	252	329107m	21.044	ng	
90) Benzo(a)pyrene	24.79	252	610830m	39.565	ng	
91) Dibenzo(a,h)anthracene	28.68	278	140676	8.999	ng	96
92) Benzo(g,h,i)perylene	29.82	276	496005	31.726	ng	97

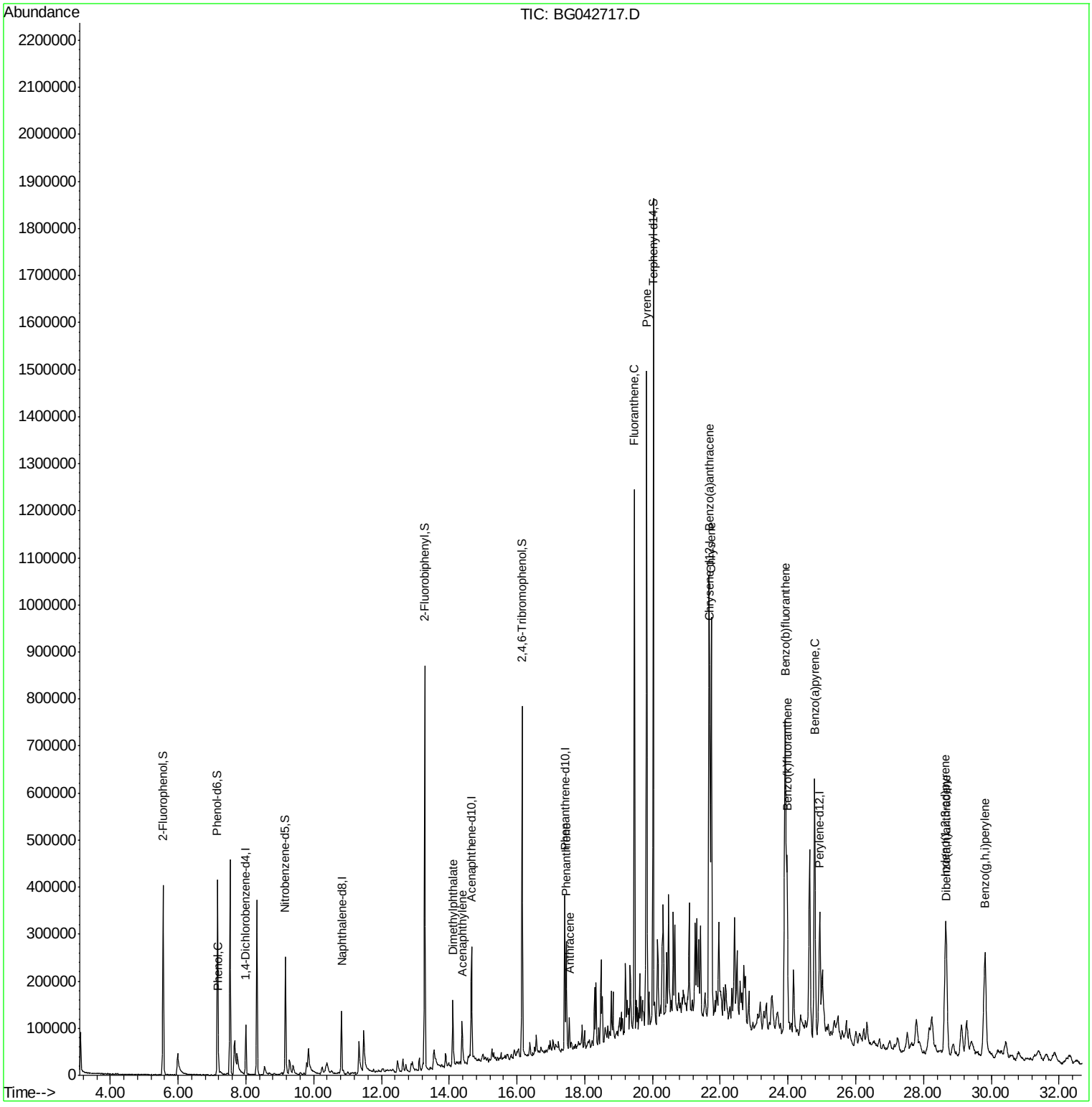
(#) = qualifier out of range (m) = manual integration (+) = signals summed

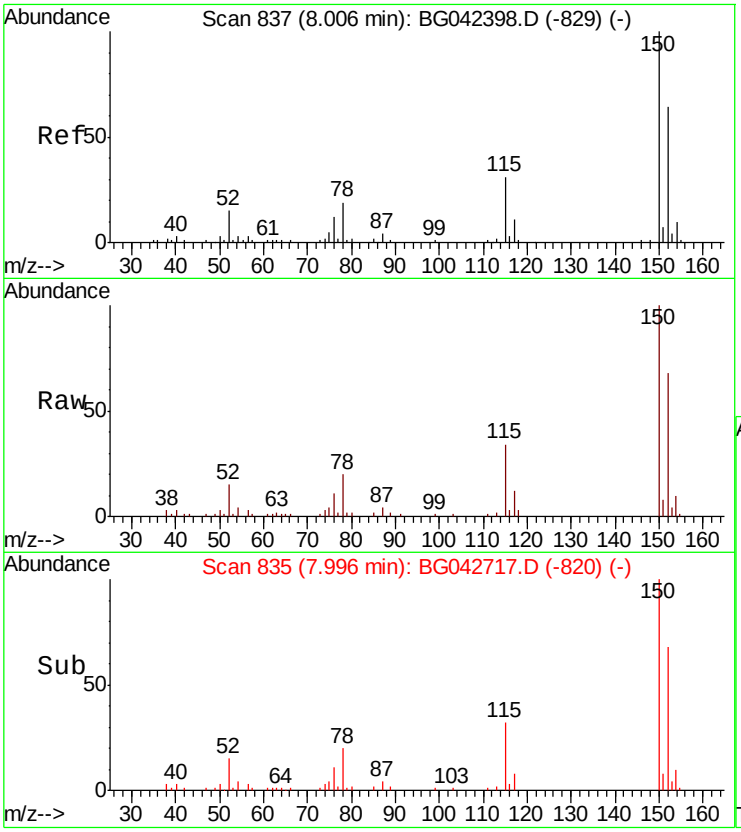
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG090419\
Data File : BG042717.D
Acq On : 4 Sep 2019 21:10
Operator : HP/JU
Sample : K4554-25RX
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 05 01:34:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration

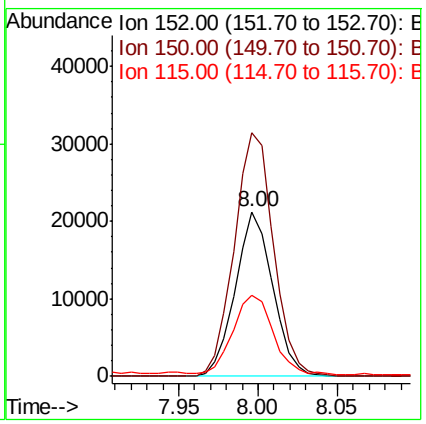




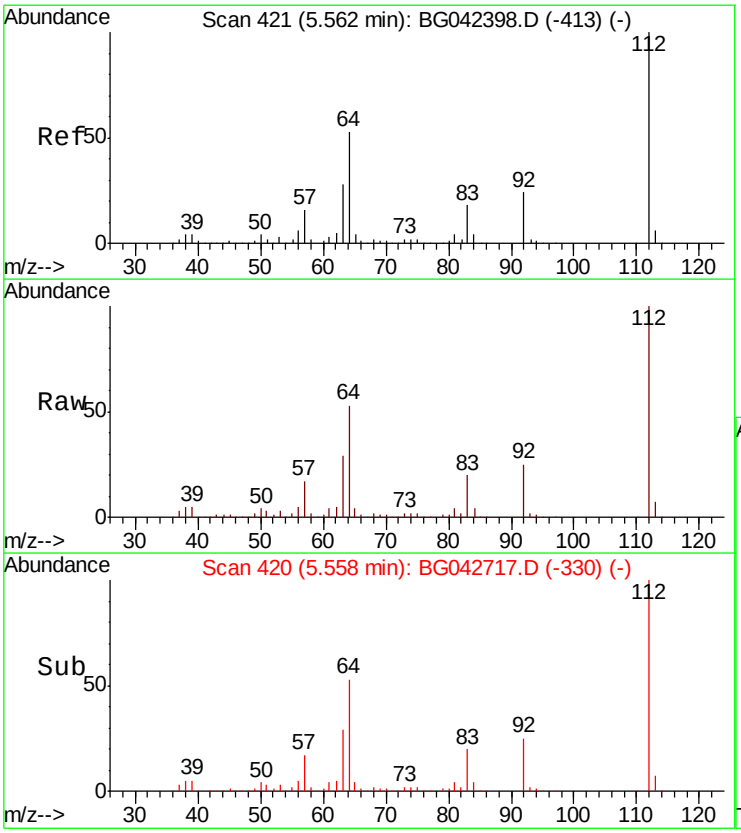
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042717.D
Acq: 4 Sep 2019 21:10

Tgt Ion:152 Resp: 34768

Ion	Ratio	Lower	Upper
152	100		
150	148.1	125.4	188.0
115	49.7	38.5	57.7



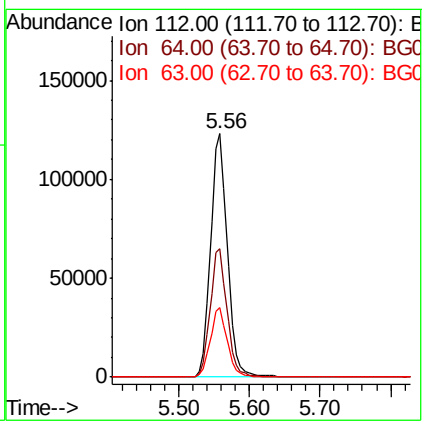
Instrument :
BNA_F
ClientSampleId :

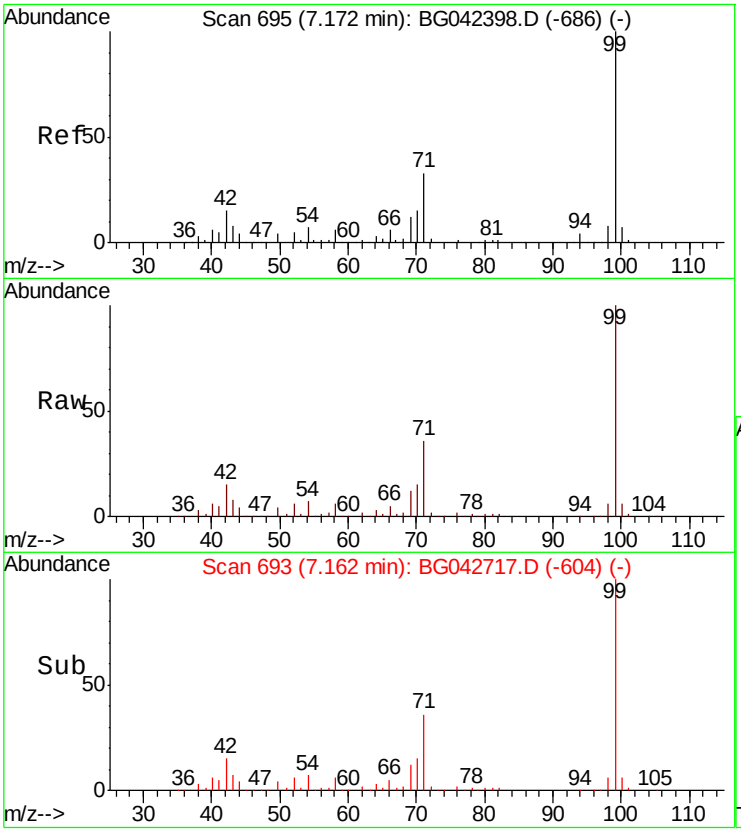


#5
2-Fluorophenol
Concen: 118.796 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.00 min
Lab File: BG042717.D
Acq: 4 Sep 2019 21:10

Tgt Ion:112 Resp: 203936

Ion	Ratio	Lower	Upper
112	100		
64	52.6	42.8	64.2
63	28.6	22.7	34.1



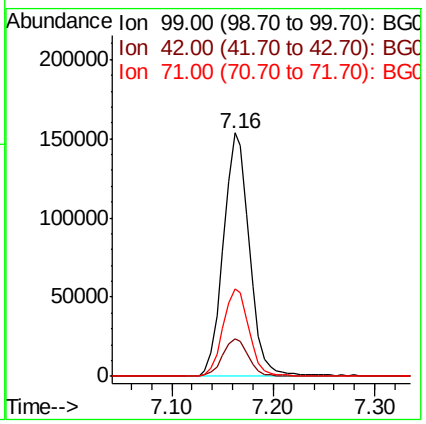


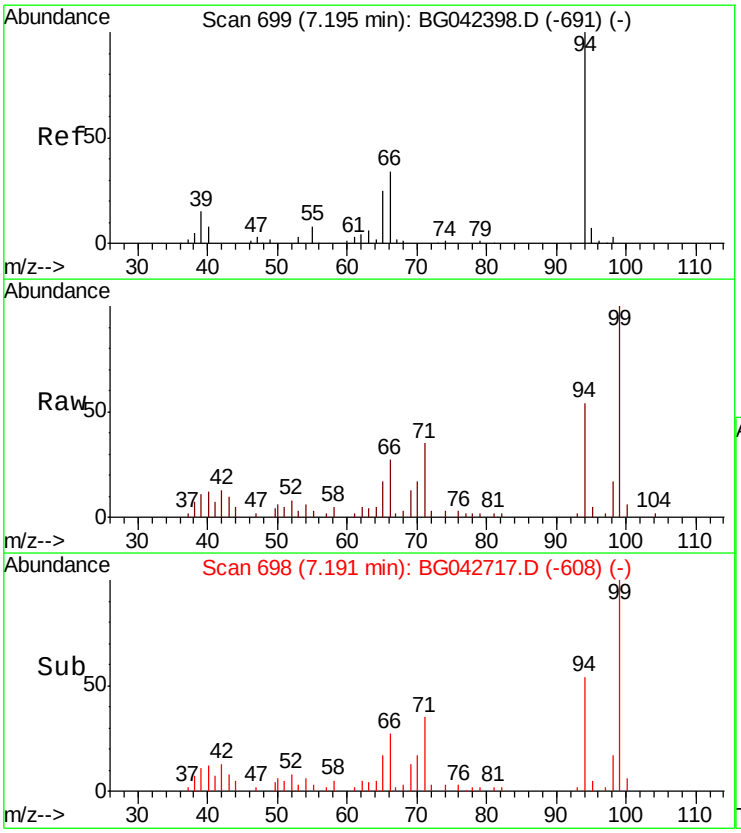
#7
Phenol-d6
Concen: 118.078 ng
RT: 7.16 min Scan# 693
Delta R.T. -0.01 min
Lab File: BG042717.D
Acq: 4 Sep 2019 21:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 273807

Ion	Ratio	Lower	Upper
99	100		
42	15.3	12.0	18.0
71	35.9	26.3	39.5

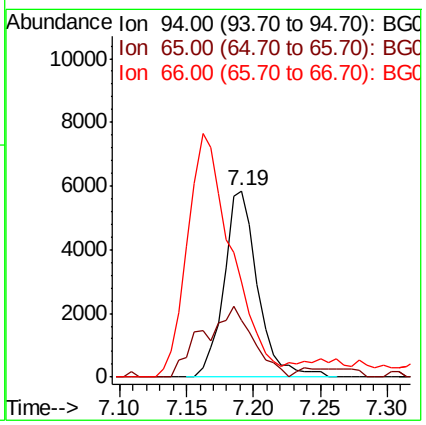


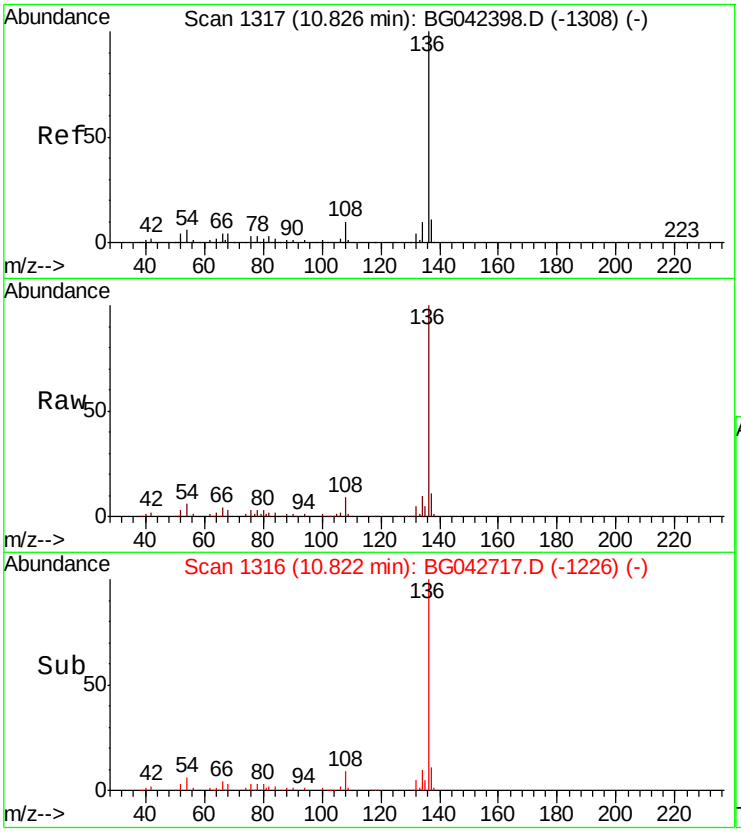


#10
Phenol
Concen: 4.367 ng
RT: 7.19 min Scan# 698
Delta R.T. -0.00 min
Lab File: BG042717.D
Acq: 4 Sep 2019 21:10

Tgt Ion: 94 Resp: 10296

Ion	Ratio	Lower	Upper
94	100		
65	30.7	5.6	45.6
66	50.8	16.0	56.0



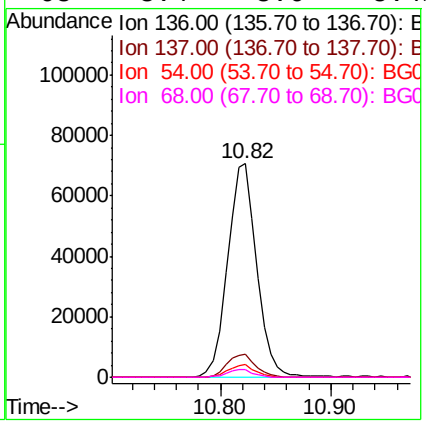


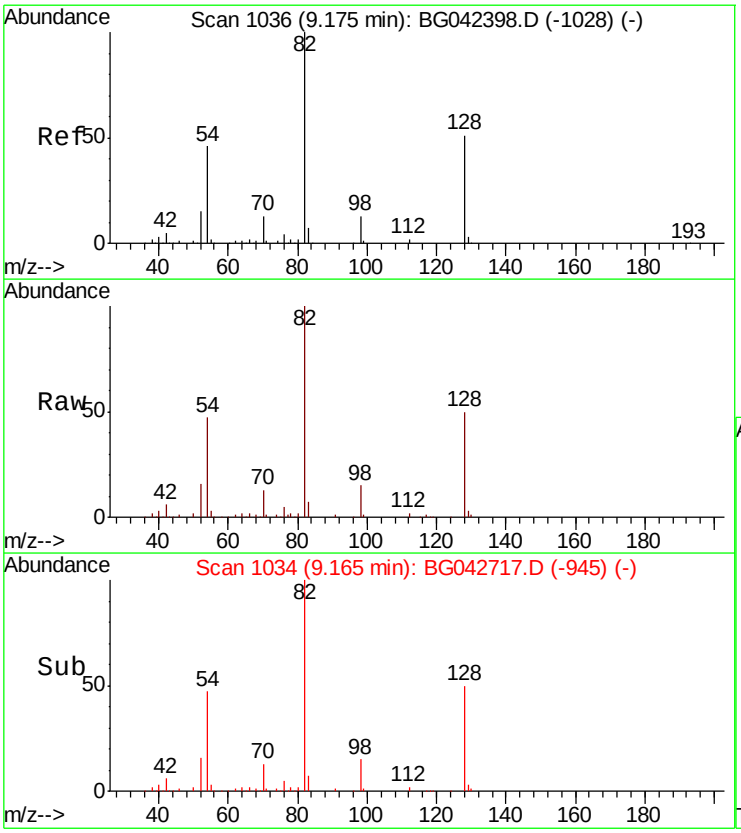
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BG042717.D
Acq: 4 Sep 2019 21:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 130411

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	6.0	4.9	7.3
68	3.4	3.6	5.4#

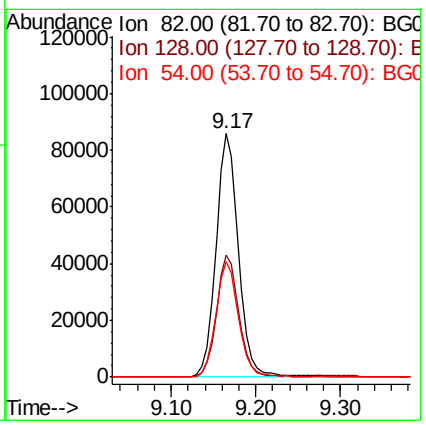


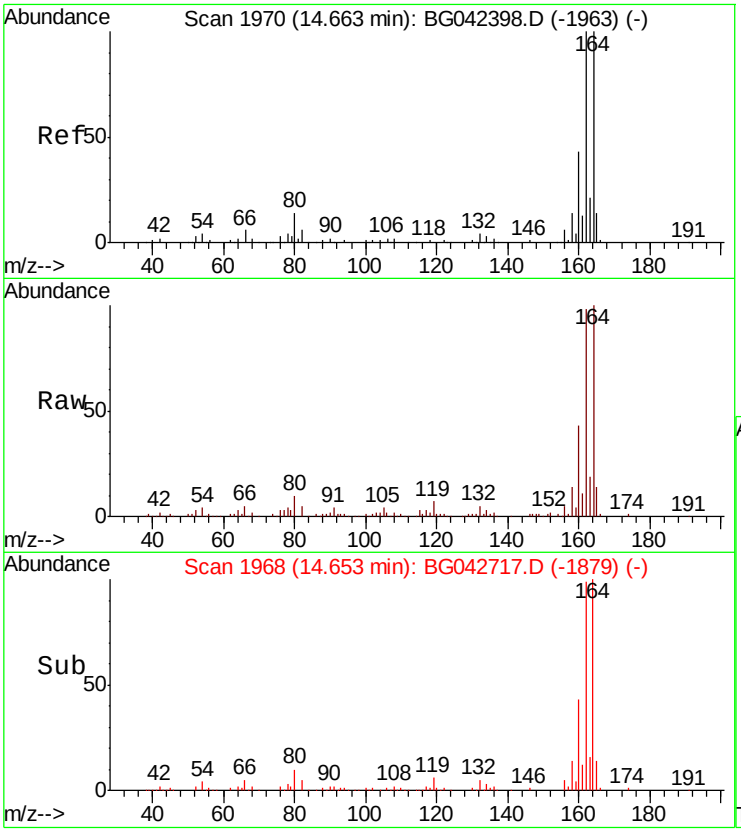


#23
Nitrobenzene-d5
Concen: 84.216 ng
RT: 9.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042717.D
Acq: 4 Sep 2019 21:10

Tgt Ion: 82 Resp: 158930

Ion	Ratio	Lower	Upper
82	100		
128	50.2	40.7	61.1
54	47.4	36.3	54.5



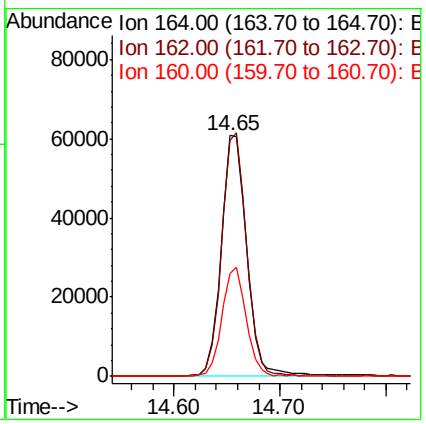


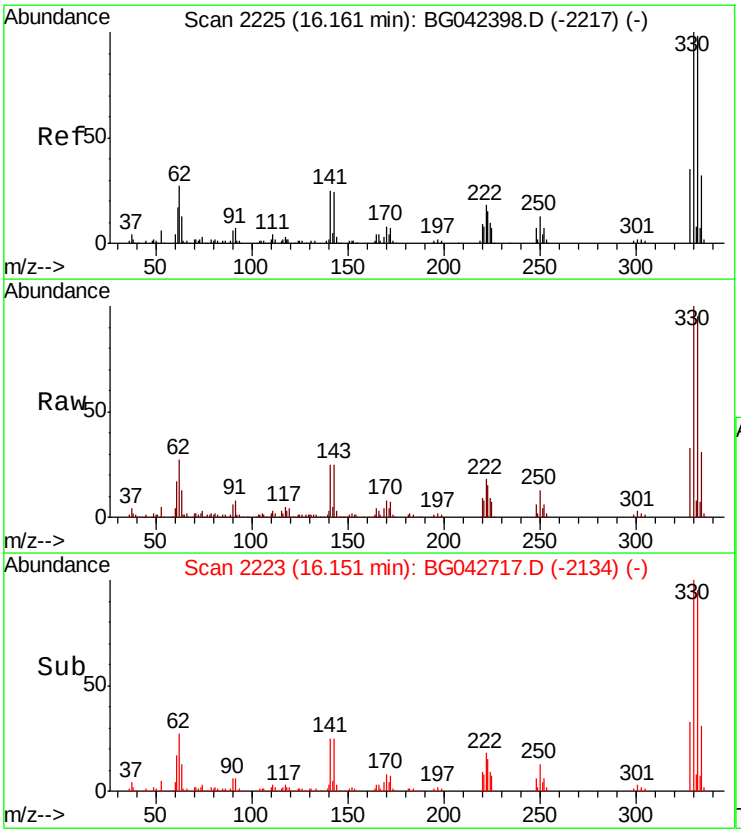
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BG042717.D
Acq: 4 Sep 2019 21:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 101876

Ion	Ratio	Lower	Upper
164	100		
162	98.0	79.9	119.9
160	42.6	34.3	51.5

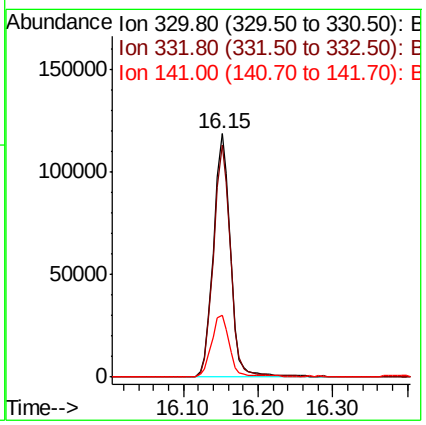


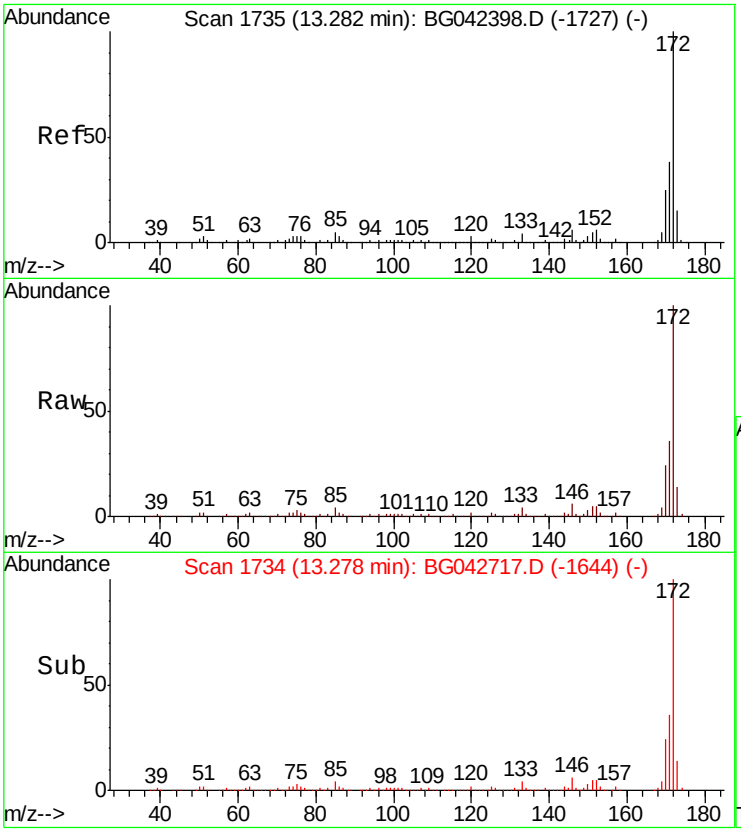


#42
2,4,6-Tribromophenol
Concen: 129.081 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BG042717.D
Acq: 4 Sep 2019 21:10

Tgt Ion:330 Resp: 186910

Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.4	116.0
141	26.2	21.4	32.0



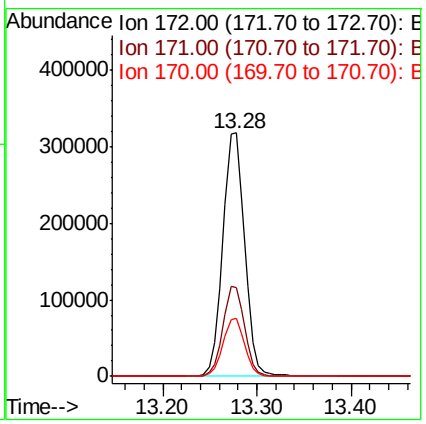


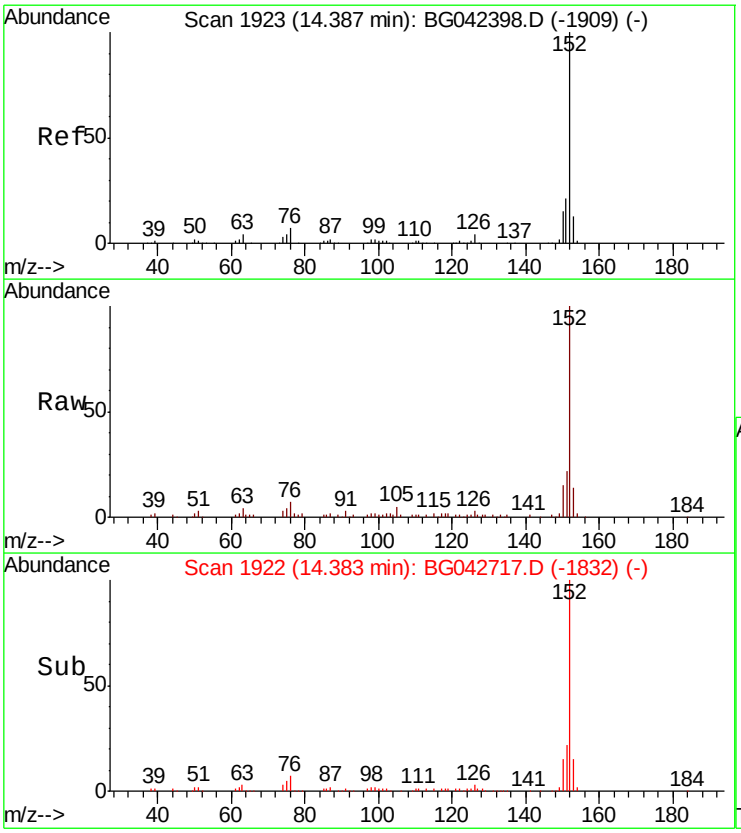
#45
2-Fluorobiphenyl
Concen: 85.634 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG042717.D
Acq: 4 Sep 2019 21:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 515826

Ion	Ratio	Lower	Upper
172	100		
171	36.3	30.5	45.7
170	24.0	20.2	30.2

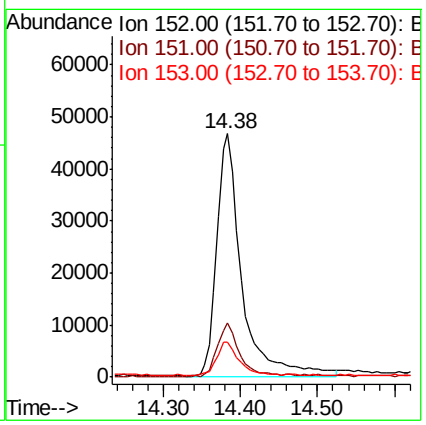


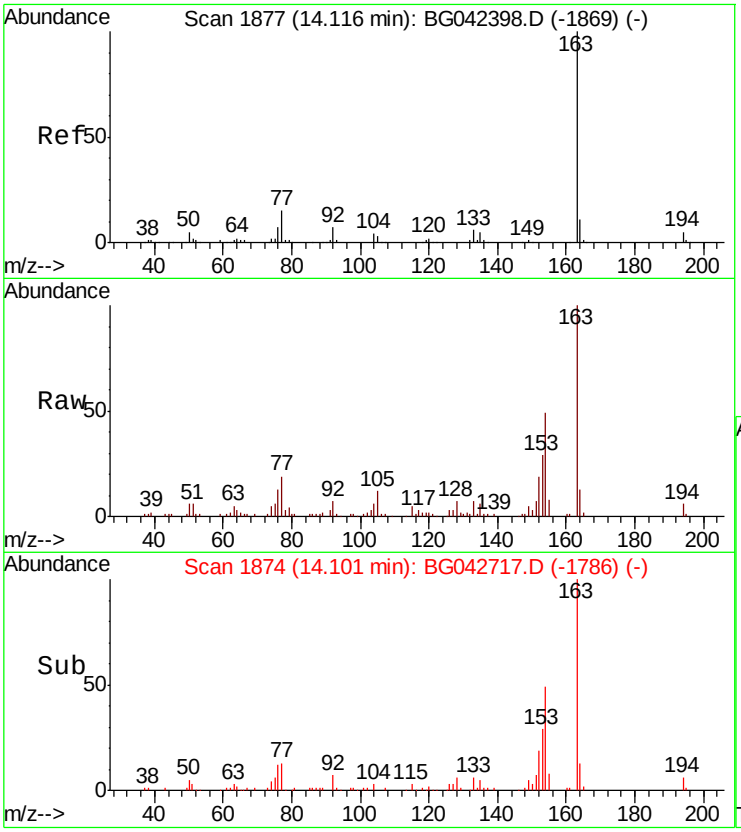


#49
Acenaphthylene
Concen: 12.195 ng
RT: 14.38 min Scan# 1922
Delta R.T. -0.00 min
Lab File: BG042717.D
Acq: 4 Sep 2019 21:10

Tgt Ion:152 Resp: 104182

Ion	Ratio	Lower	Upper
152	100		
151	22.4	17.0	25.4
153	14.5	10.6	16.0



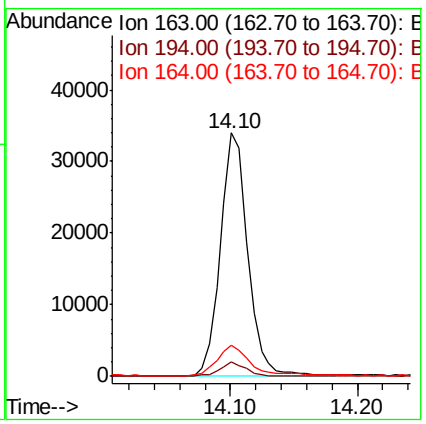


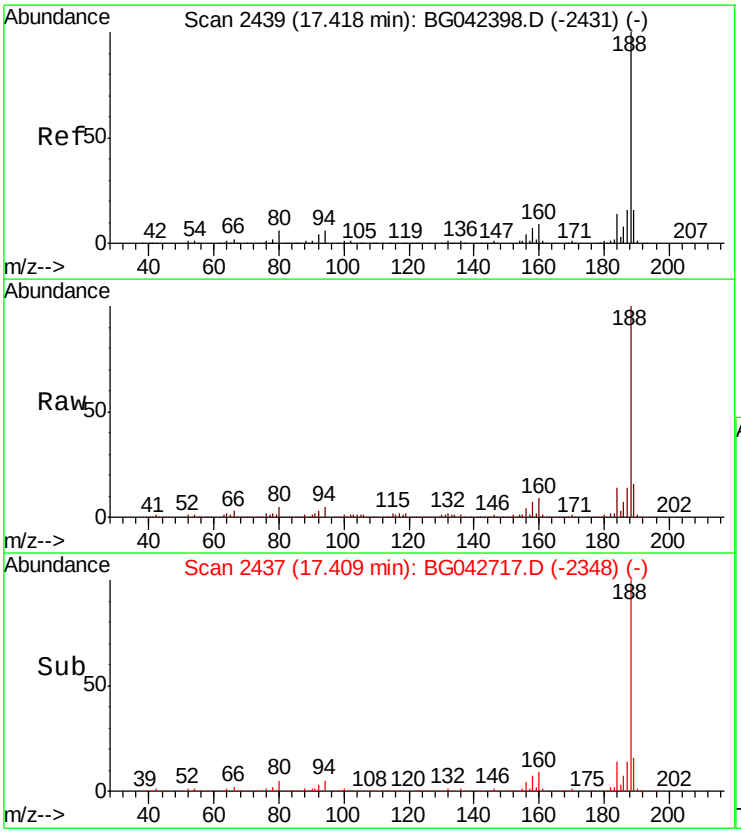
#50
Dimethylphthalate
Concen: 6.937 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.02 min
Lab File: BG042717.D
Acq: 4 Sep 2019 21:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 50992

Ion	Ratio	Lower	Upper
163	100		
194	5.8	4.2	6.2
164	12.6	8.8	13.2

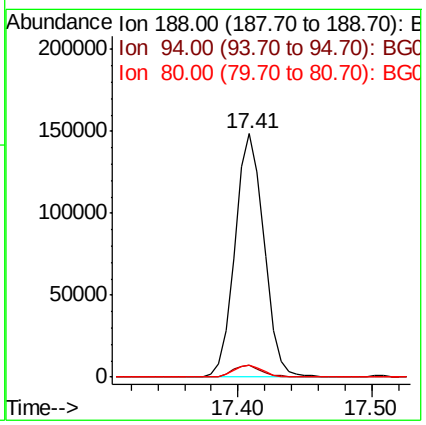


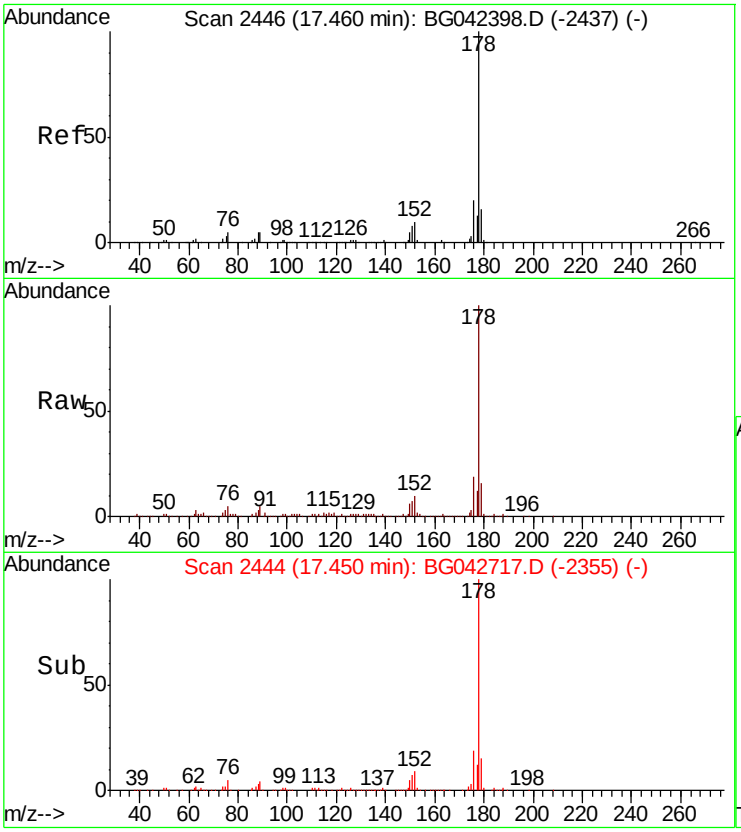


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG042717.D
Acq: 4 Sep 2019 21:10

Tgt Ion:188 Resp: 222850

Ion	Ratio	Lower	Upper
188	100		
94	4.9	4.5	6.7
80	5.1	4.9	7.3



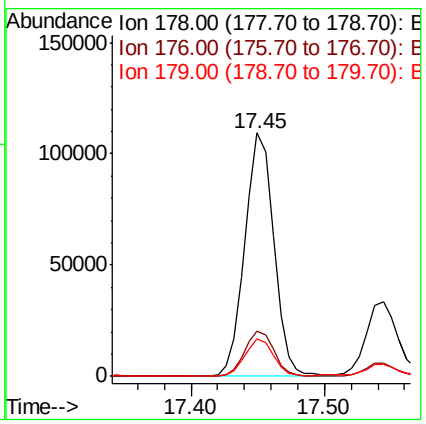


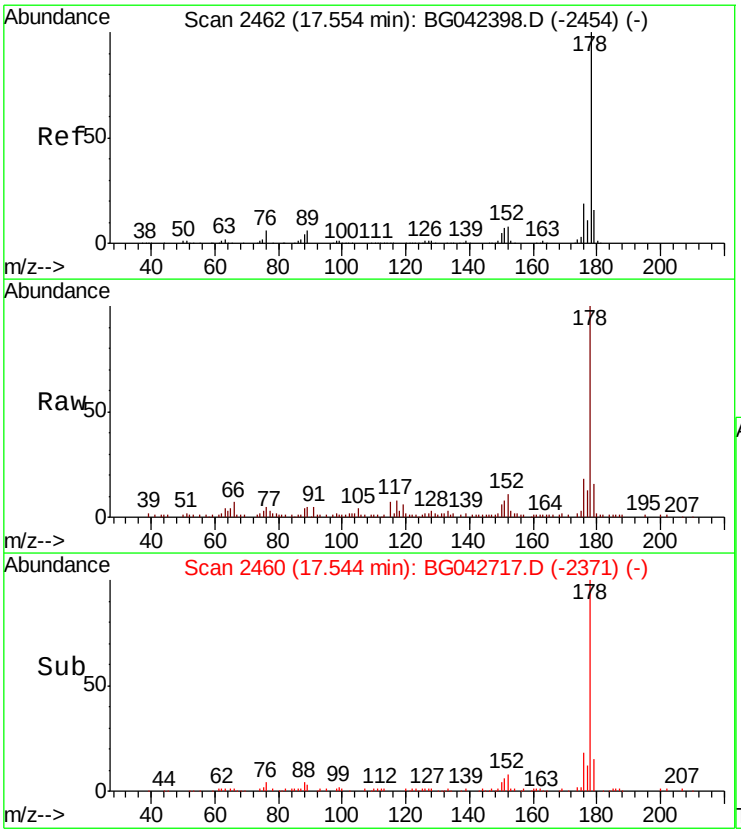
#71
Phenanthrene
Concen: 14.765 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.01 min
Lab File: BG042717.D
Acq: 4 Sep 2019 21:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 163436

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.9	23.9
179	15.5	12.7	19.1

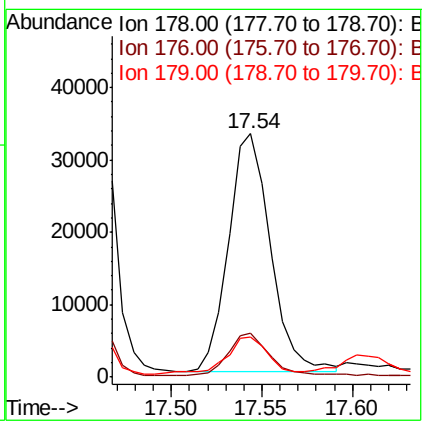


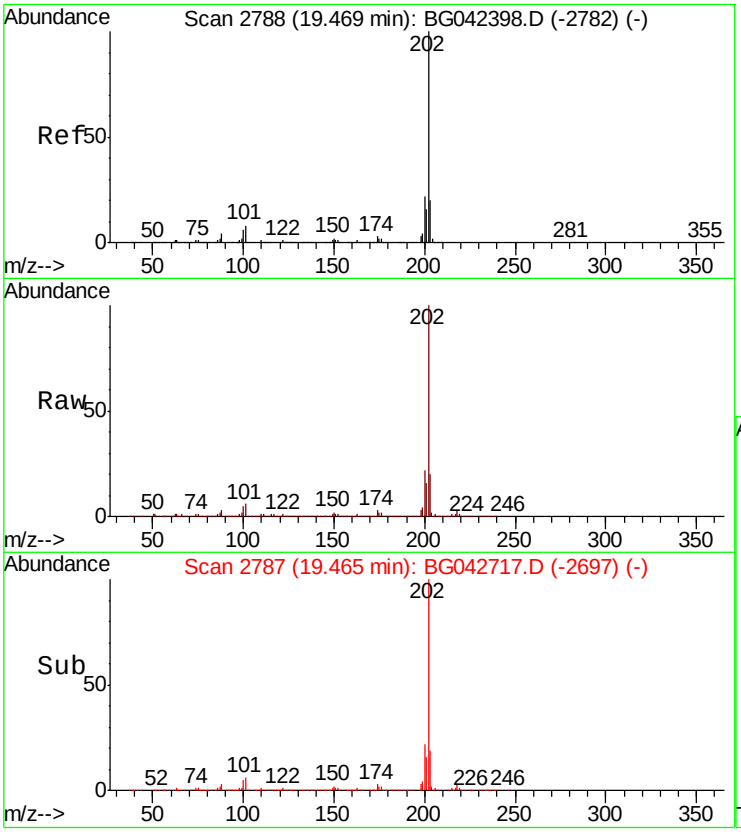


#72
Anthracene
Concen: 4.776 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG042717.D
Acq: 4 Sep 2019 21:10

Tgt Ion:178 Resp: 52773

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.5	23.3
179	16.3	12.9	19.3



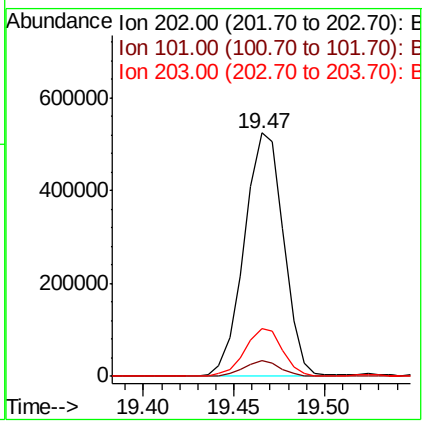


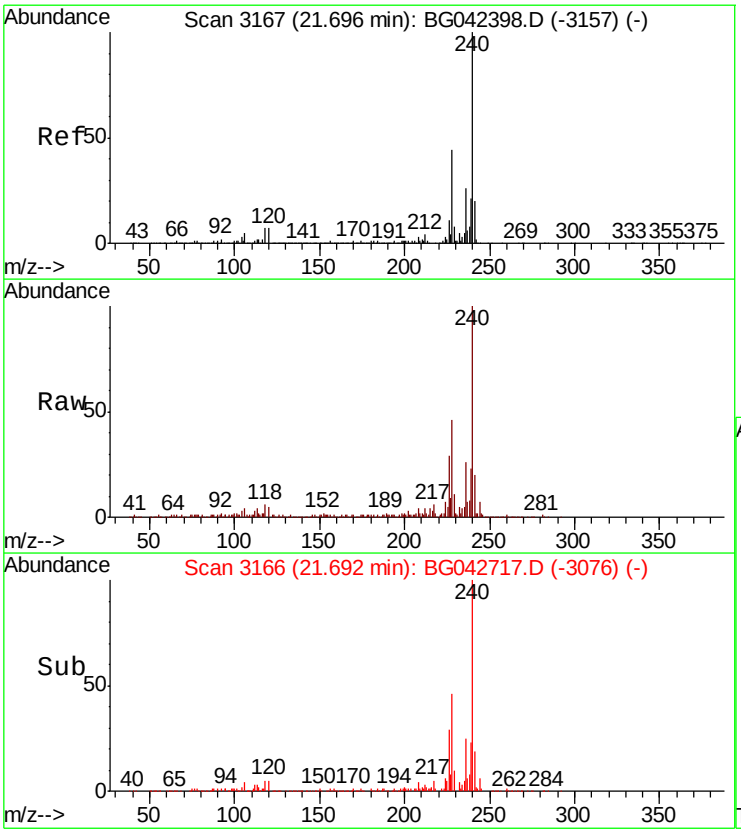
#75
Fluoranthene
Concen: 58.335 ng
RT: 19.47 min Scan# 2787
Delta R.T. -0.00 min
Lab File: BG042717.D
Acq: 4 Sep 2019 21:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 788069

Ion	Ratio	Lower	Upper
202	100		
101	6.5	0.0	28.3
203	19.5	0.0	39.6

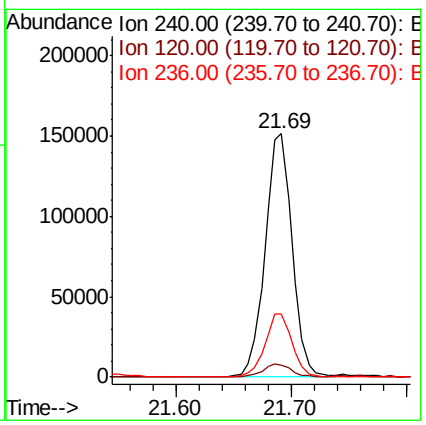


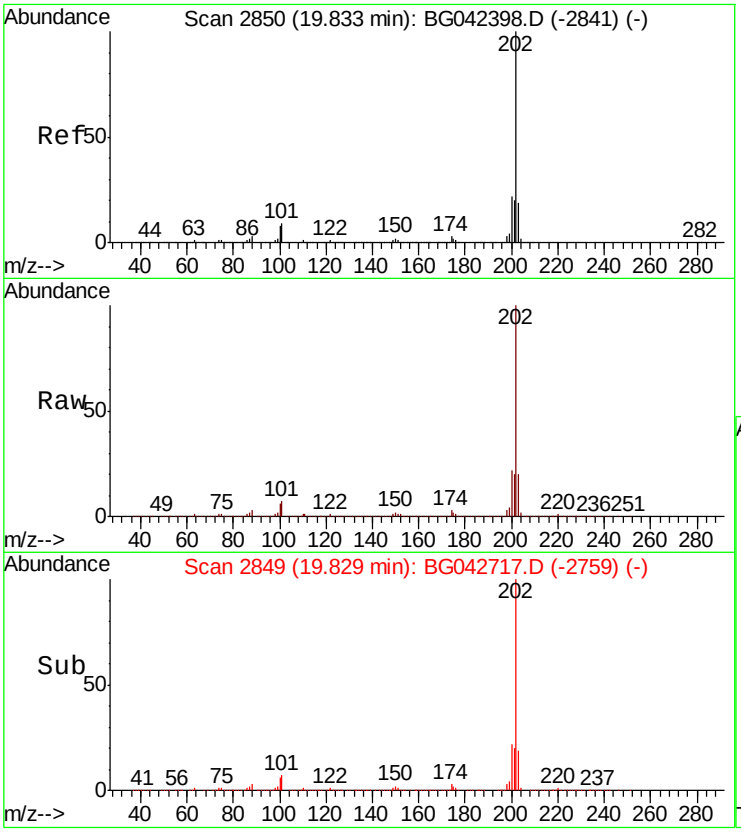


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.00 min
Lab File: BG042717.D
Acq: 4 Sep 2019 21:10

Tgt Ion:240 Resp: 244965

Ion	Ratio	Lower	Upper
240	100		
120	4.9	5.7	8.5#
236	25.8	21.0	31.4



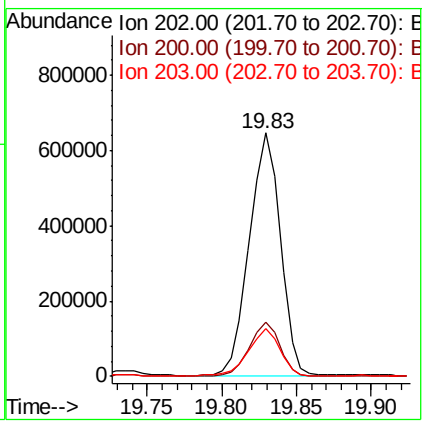


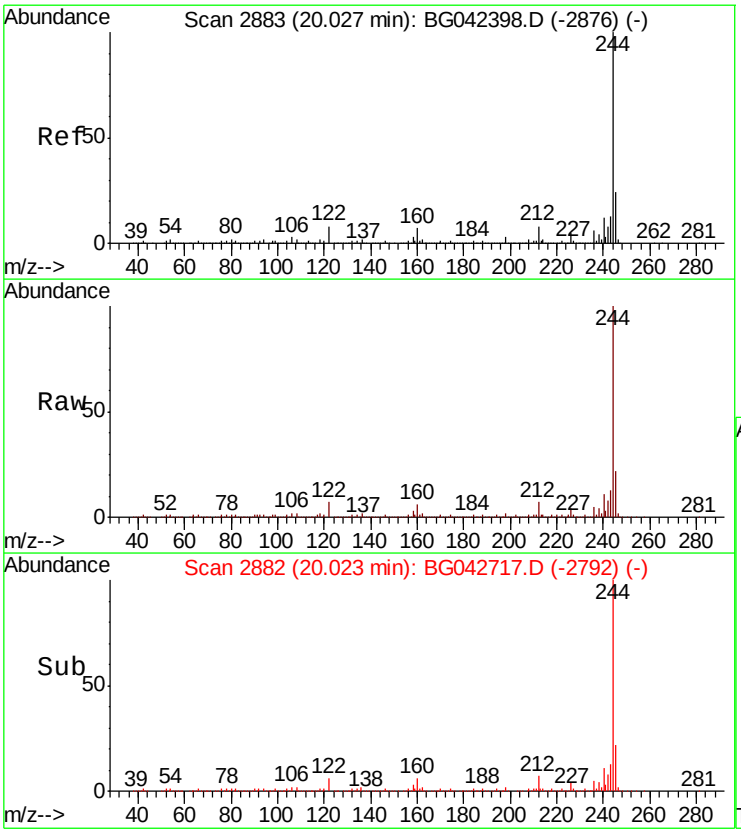
#78
Pyrene
Concen: 61.635 ng
RT: 19.83 min Scan# 2849
Delta R.T. -0.00 min
Lab File: BG042717.D
Acq: 4 Sep 2019 21:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 925669

Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.8	26.6
203	19.8	15.5	23.3

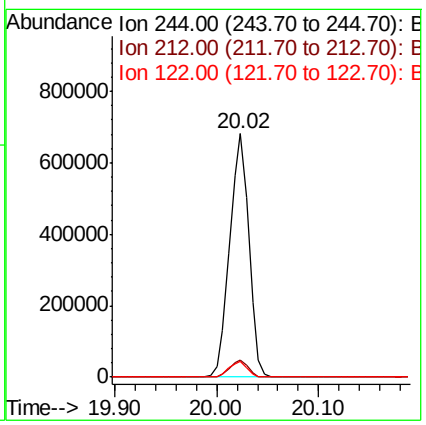


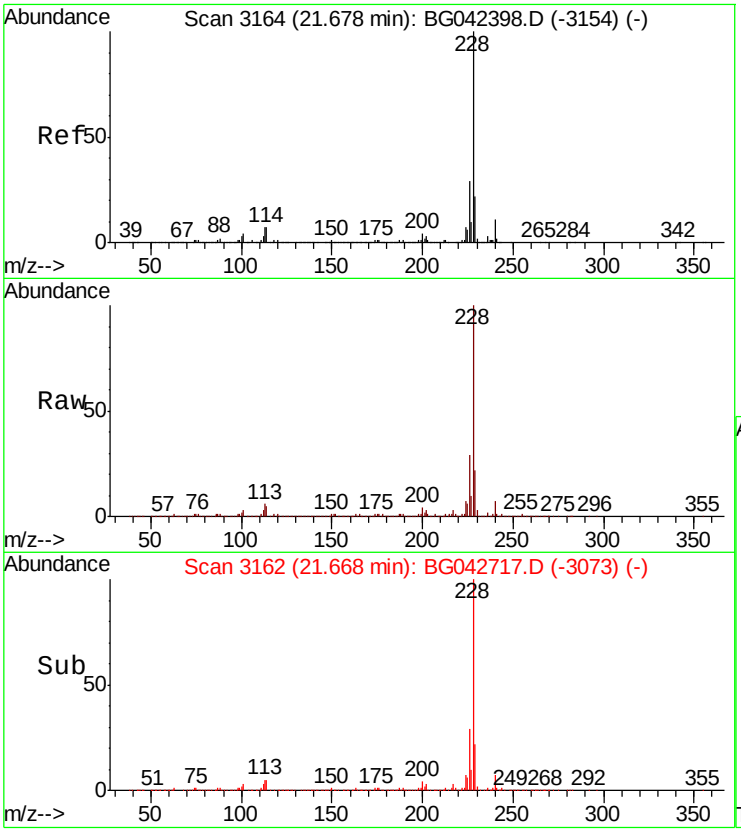


#79
Terphenyl-d14
Concen: 78.823 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.00 min
Lab File: BG042717.D
Acq: 4 Sep 2019 21:10

Tgt Ion:244 Resp: 893134

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	6.5	6.7	10.1#



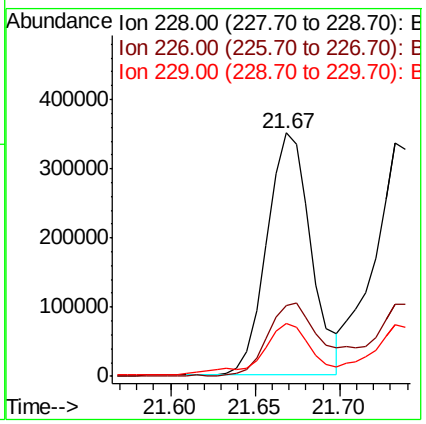


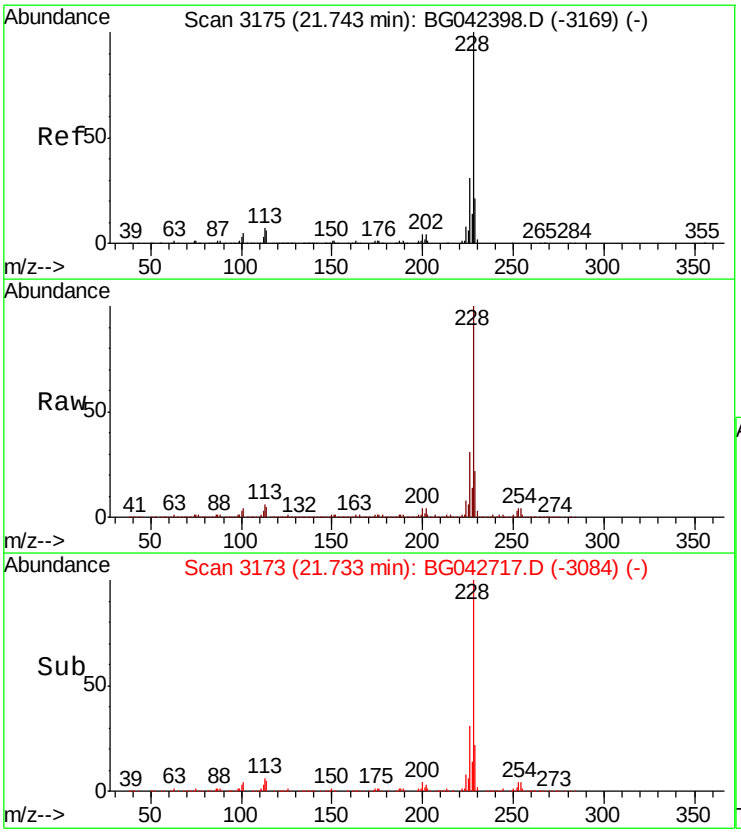
#81
Benzo(a)anthracene
Concen: 42.843 ng
RT: 21.67 min Scan# 3162
Delta R.T. -0.01 min
Lab File: BG042717.D
Acq: 4 Sep 2019 21:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 638427

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.4	35.2
229	22.0	17.4	26.2

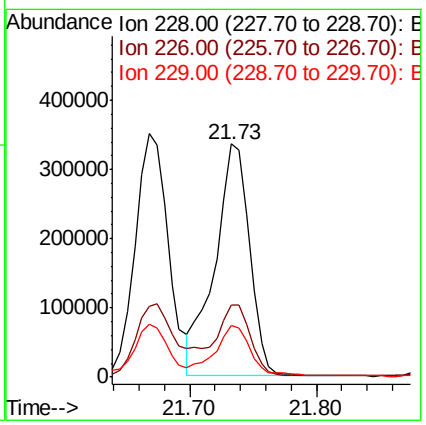


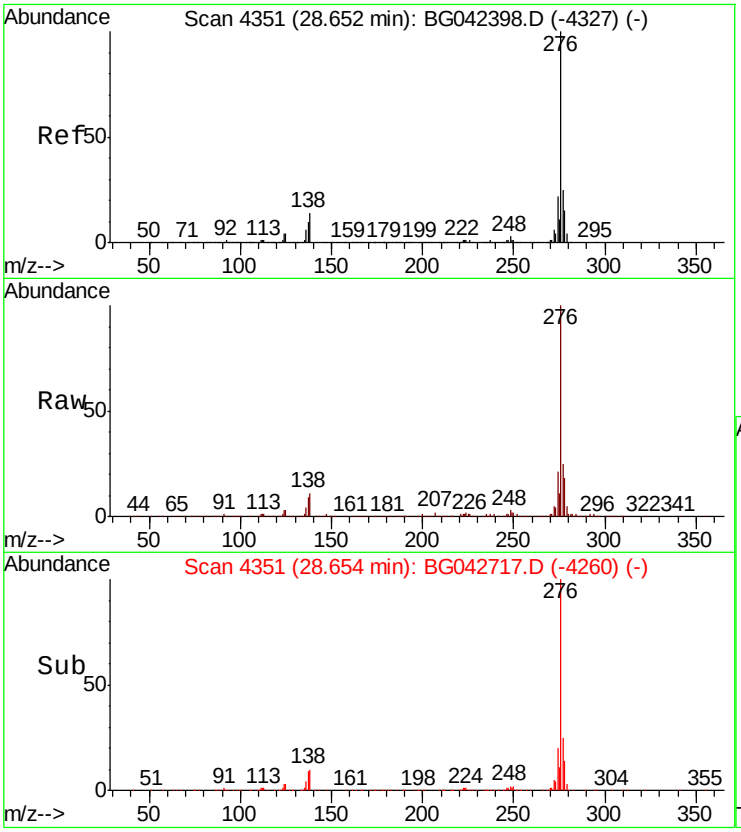


#83
Chrysene
Concen: 44.350 ng
RT: 21.73 min Scan# 3173
Delta R.T. -0.01 min
Lab File: BG042717.D
Acq: 4 Sep 2019 21:10

Tgt Ion:228 Resp: 637374

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.9	37.3
229	22.3	16.9	25.3



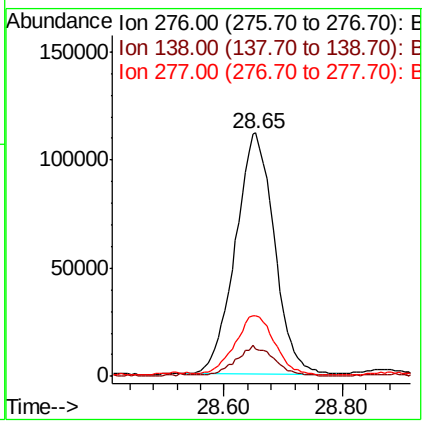


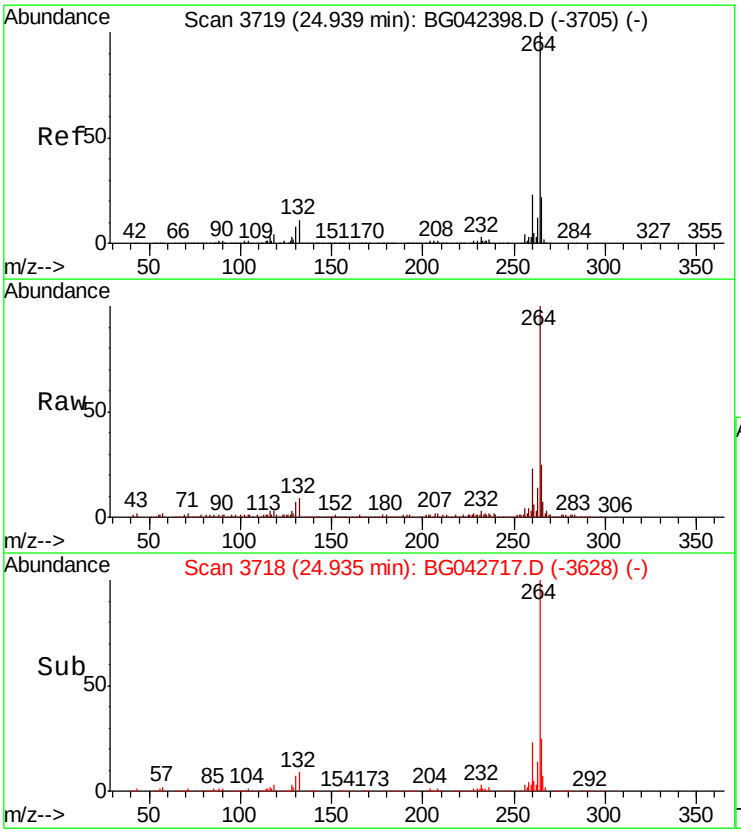
#86
Indeno(1,2,3-cd)pyrene
Concen: 26.157 ng
RT: 28.65 min Scan# 4351
Delta R.T. 0.00 min
Lab File: BG042717.D
Acq: 4 Sep 2019 21:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 510846

Ion	Ratio	Lower	Upper
276	100		
138	12.3	9.2	13.8
277	25.5	21.0	31.6

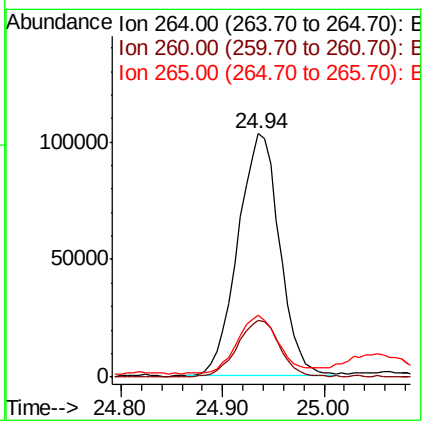


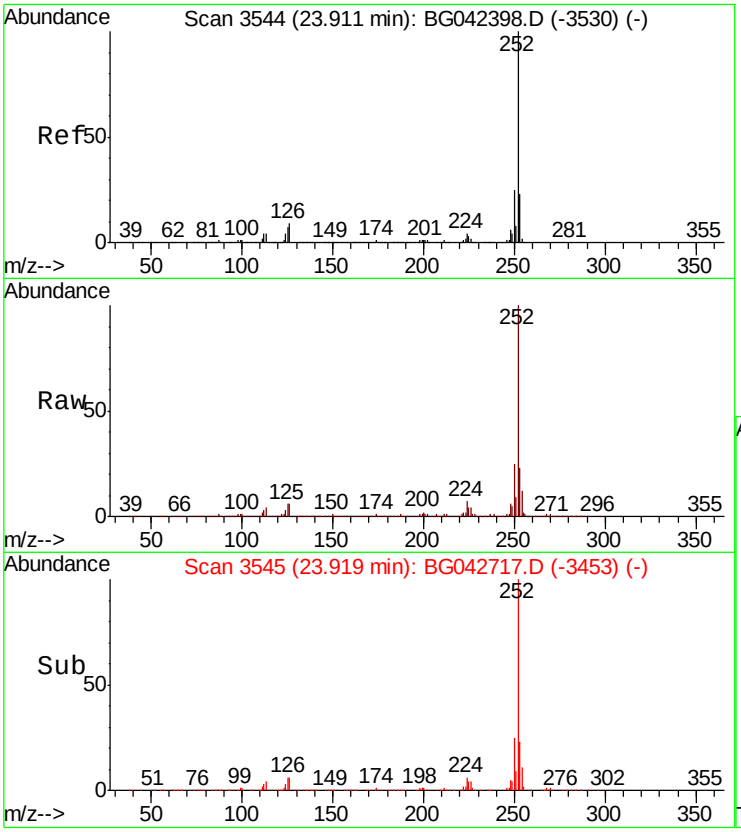


#87
Perylene-d12
Concen: 20.000 ng
RT: 24.94 min Scan# 3718
Delta R.T. -0.00 min
Lab File: BG042717.D
Acq: 4 Sep 2019 21:10

Tgt Ion:264 Resp: 295942

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.5	27.7
265	25.2	17.6	26.4



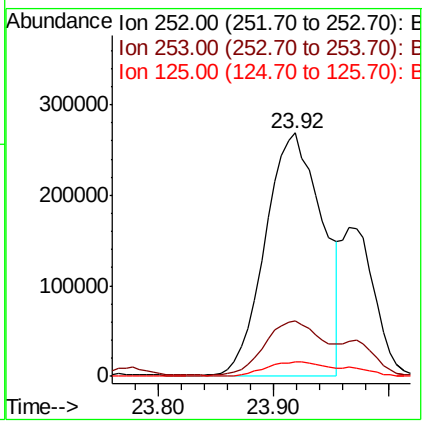


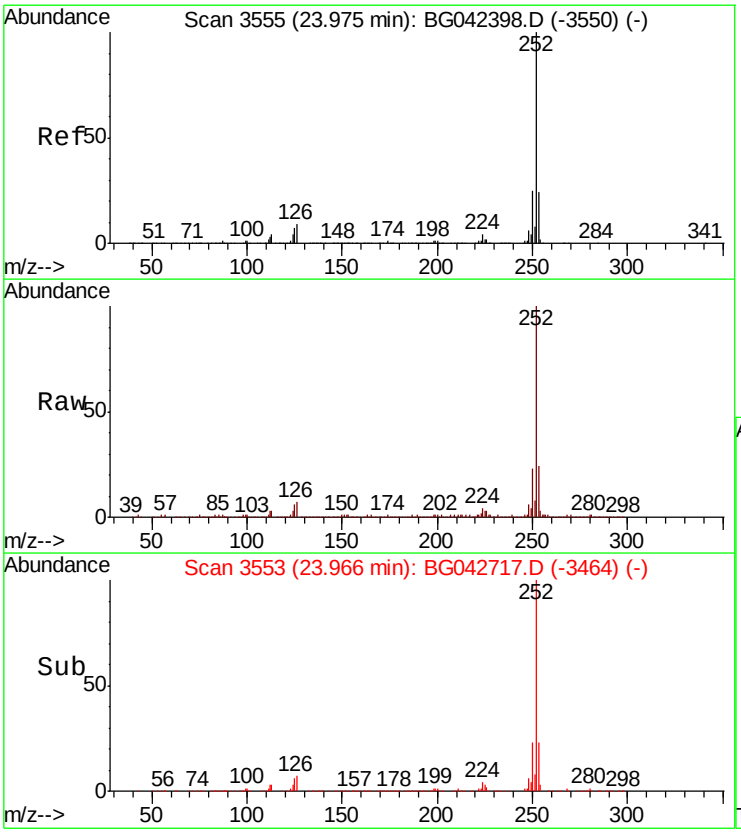
#88
Benzo(b)fluoranthene
Concen: 56.744 ng
RT: 23.92 min Scan# 3545
Delta R.T. 0.01 min
Lab File: BG042717.D
Acq: 4 Sep 2019 21:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 923215

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.6	27.8
125	5.9	5.6	8.4

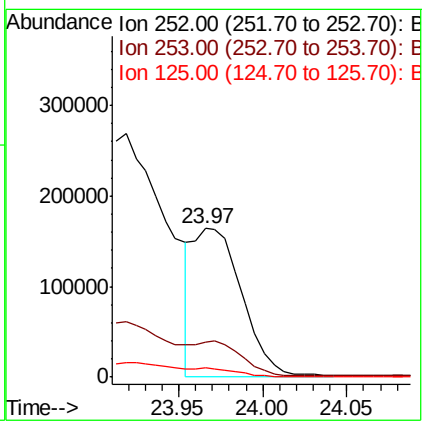


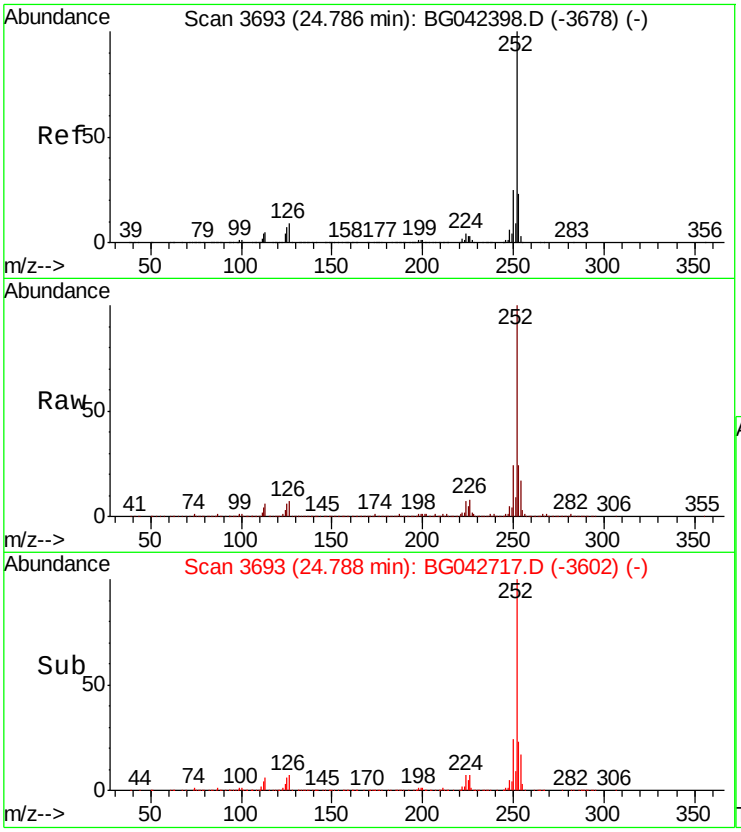


#89
Benzo(k)fluoranthene
Concen: 21.044 ng m
RT: 23.97 min Scan# 3553
Delta R.T. -0.01 min
Lab File: BG042717.D
Acq: 4 Sep 2019 21:10

Tgt Ion:252 Resp: 329107

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.6	27.8
125	5.9	5.8	8.6



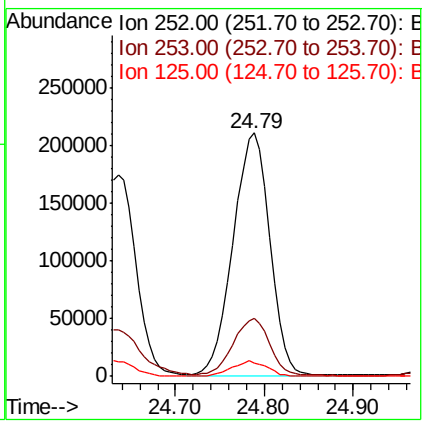


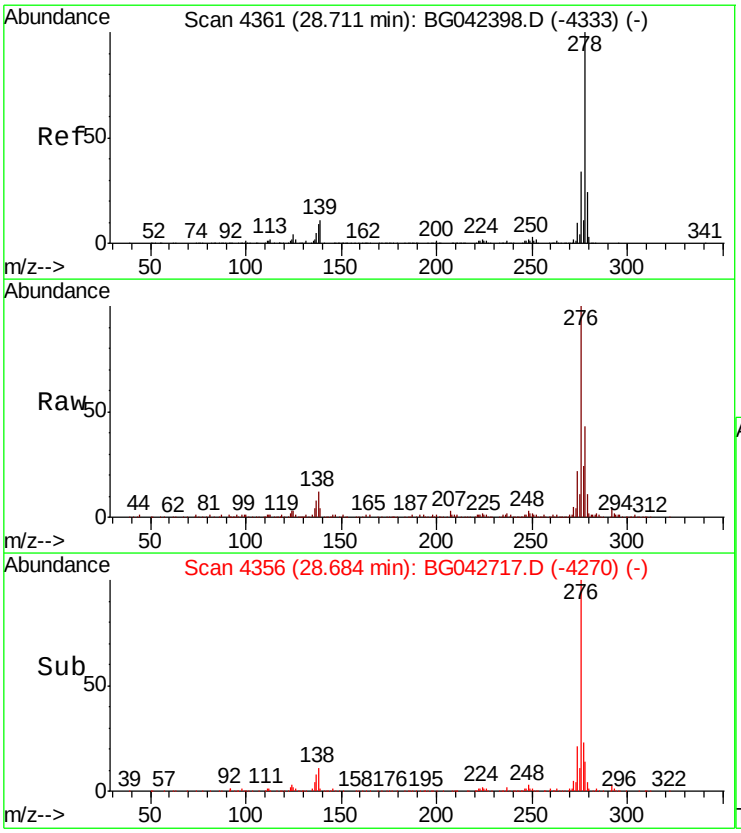
#90
Benzo(a)pyrene
Concen: 39.565 ng m
RT: 24.79 min Scan# 3693
Delta R.T. 0.00 min
Lab File: BG042717.D
Acq: 4 Sep 2019 21:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 610830

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.4	27.6
125	5.7	6.0	9.0#

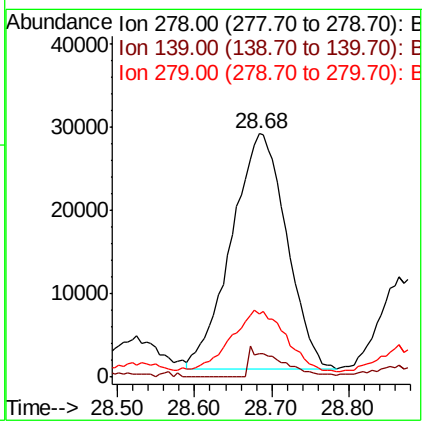


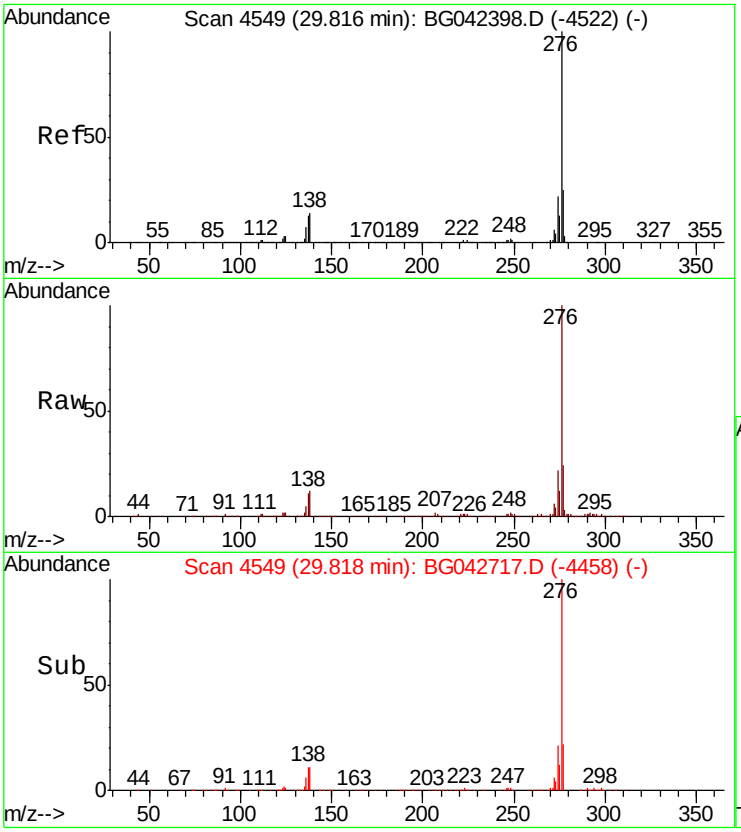


#91
Dibenzo(a,h)anthracene
Concen: 8.999 ng
RT: 28.68 min Scan# 4356
Delta R.T. -0.03 min
Lab File: BG042717.D
Acq: 4 Sep 2019 21:10

Tgt Ion:278 Resp: 140676

Ion	Ratio	Lower	Upper
278	100		
139	9.5	8.8	13.2
279	26.0	19.1	28.7





#92
Benzo(g,h,i)perylene
Concen: 31.726 ng
RT: 29.82 min Scan# 4549
Delta R.T. 0.00 min
Lab File: BG042717.D
Acq: 4 Sep 2019 21:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 496005

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.8	29.8
138	12.2	11.4	17.0