Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083019\
Data File : BG042618.D
Acq On : 31 Aug 2019 2:23
Operator : HP/JU
Sample : K4409-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Aug 31 05:10:36 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	36556	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	141996	20.00	ng		0.00
39) Acenaphthene-d10	14.65	164	106768	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	247258	20.00	ng		0.00
76) Chrysene-d12	21.68	240	262260	20.00	ng		-0.01
87) Perylene-d12	24.92	264	305090	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	267640	148.28	ng		0.00
7) Phenol-d6	7.16	99	353846	145.13	ng		0.00
23) Nitrobenzene-d5	9.17	82	201846	98.23	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	225663	148.70	ng		0.00
45) 2-Fluorobiphenyl	13.27	172	578852	91.69	ng		0.00
79) Terphenyl-d14	20.02	244	979505	80.74	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.19	94	20119	8.116	ng		86
19) n-Nitroso-di-n-propylamine	9.17	70	27147	17.187	ng	#	74
50) Dimethylphthalate	14.10	163	53685	6.969	ng		100
57) 2,4-Dinitrotoluene	14.65	165	14065	5.501	ng	#	38
67) 4-Bromophenyl-phenylether	16.15	248	15300	4.878	ng	#	1
71) Phenanthrene	17.45	178	93595	7.621	ng		97
72) Anthracene	17.45	178	93595	7.634	ng		98
75) Fluoranthene	19.46	202	120439	8.035	ng		95
78) Pyrene	19.82	202	95145	5.917	ng		95
81) Benzo(a)anthracene	21.66	228	51753	3.244	ng		95
83) Chrysene	21.73	228	39649	2.577	ng		96
88) Benzo(b)fluoranthene	23.90	252	55370	3.301	ng		97
89) Benzo(k)fluoranthene	23.90	252	55370	3.434	ng		97
90) Benzo(a)pyrene	24.77	252	42937	2.698	ng		98

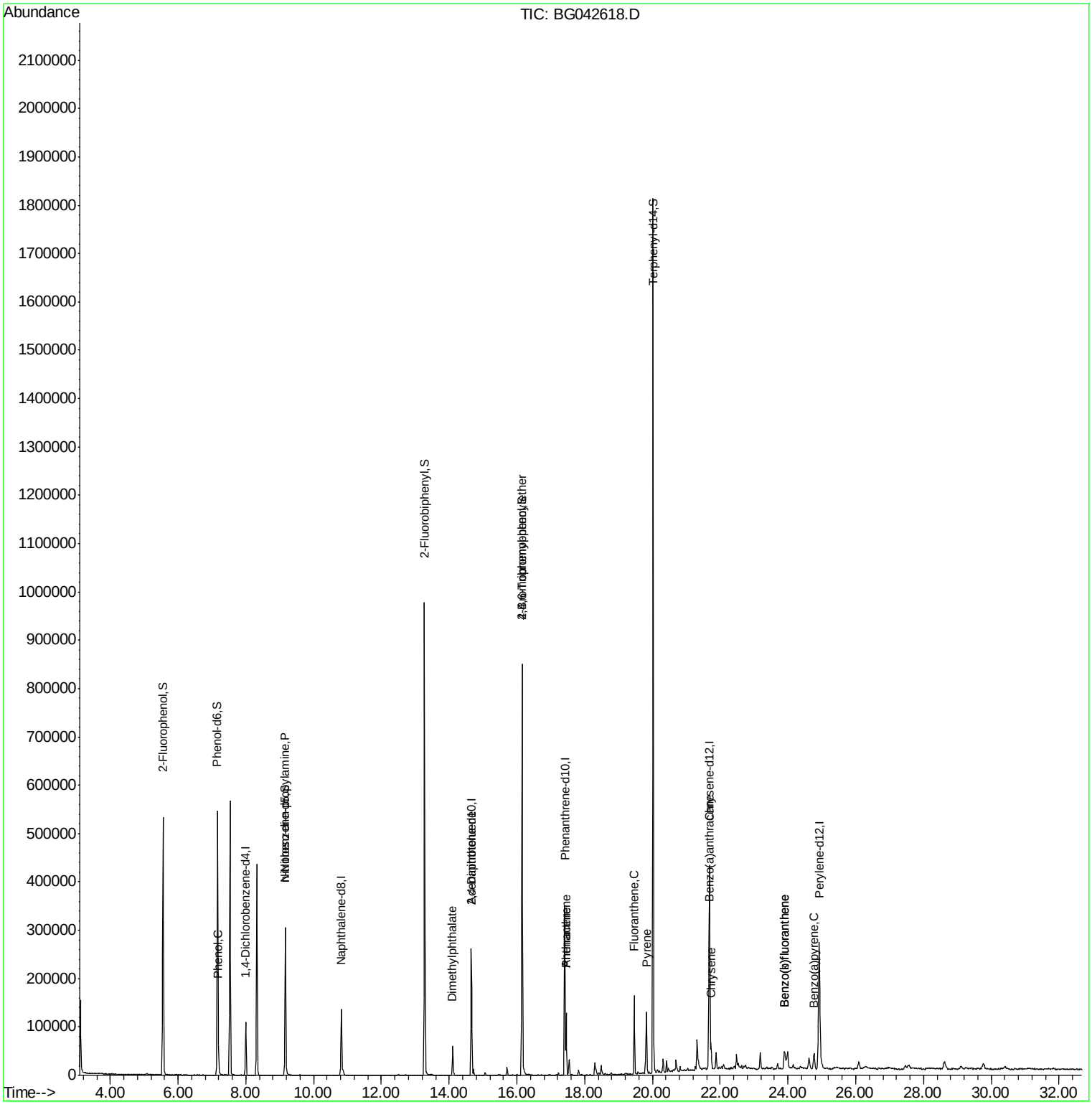
(#) = qualifier out of range (m) = manual integration (+) = signals summed

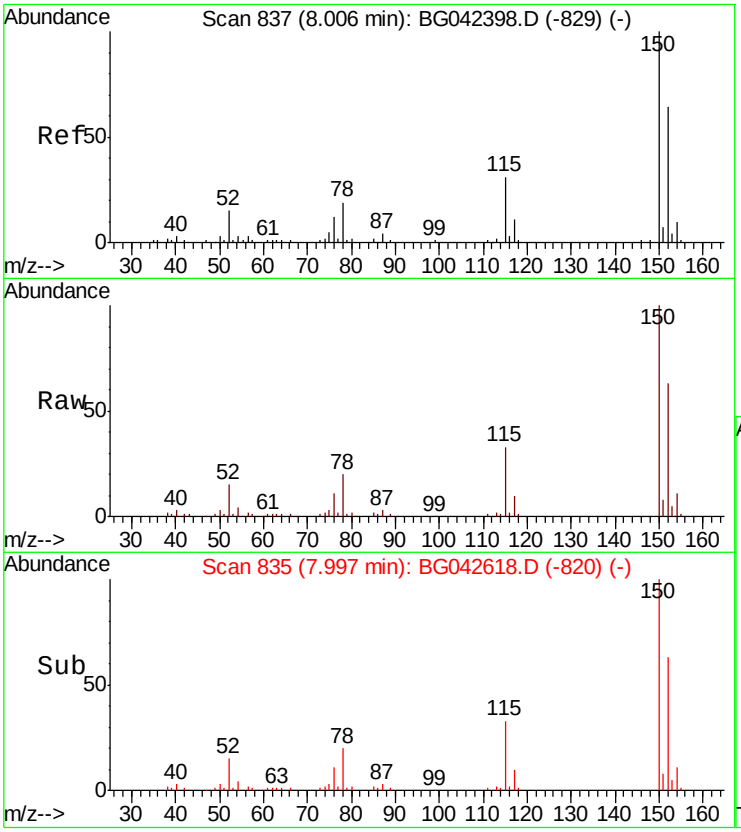
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083019\
Data File : BG042618.D
Acq On : 31 Aug 2019 2:23
Operator : HP/JU
Sample : K4409-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Aug 31 05:10:36 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



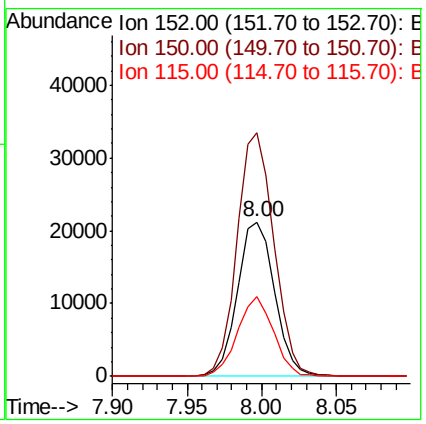


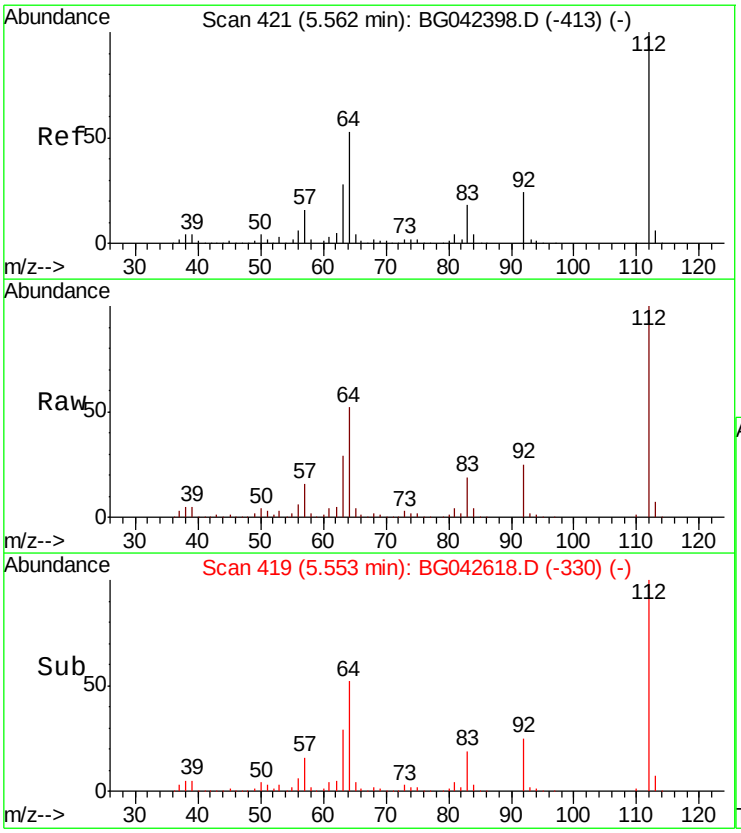
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042618.D
Acq: 31 Aug 2019 2:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 36556

Ion	Ratio	Lower	Upper
152	100		
150	157.7	125.4	188.0
115	51.8	38.5	57.7

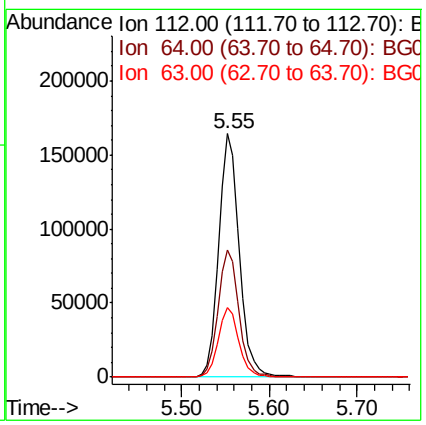


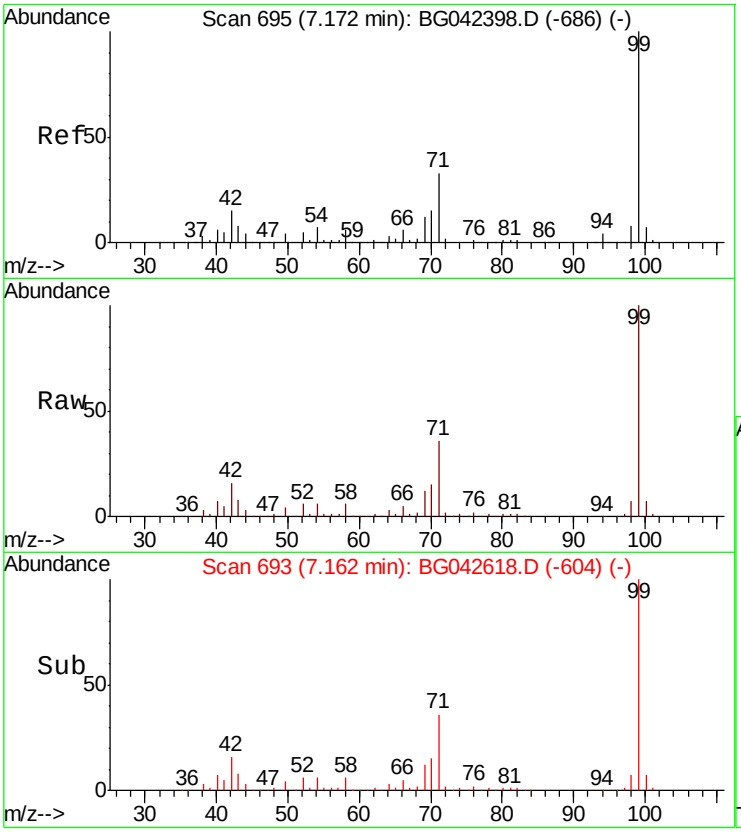


#5
2-Fluorophenol
Concen: 148.279 ng
RT: 5.55 min Scan# 419
Delta R.T. -0.01 min
Lab File: BG042618.D
Acq: 31 Aug 2019 2:23

Tgt Ion:112 Resp: 267640

Ion	Ratio	Lower	Upper
112	100		
64	52.2	42.8	64.2
63	28.6	22.7	34.1



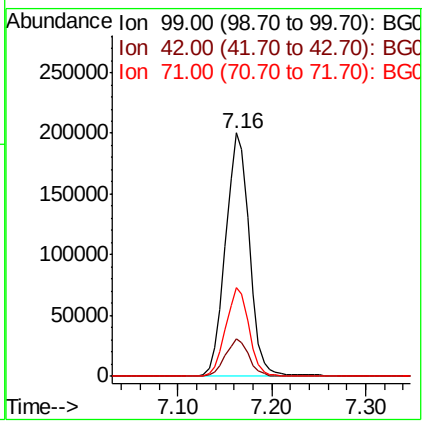


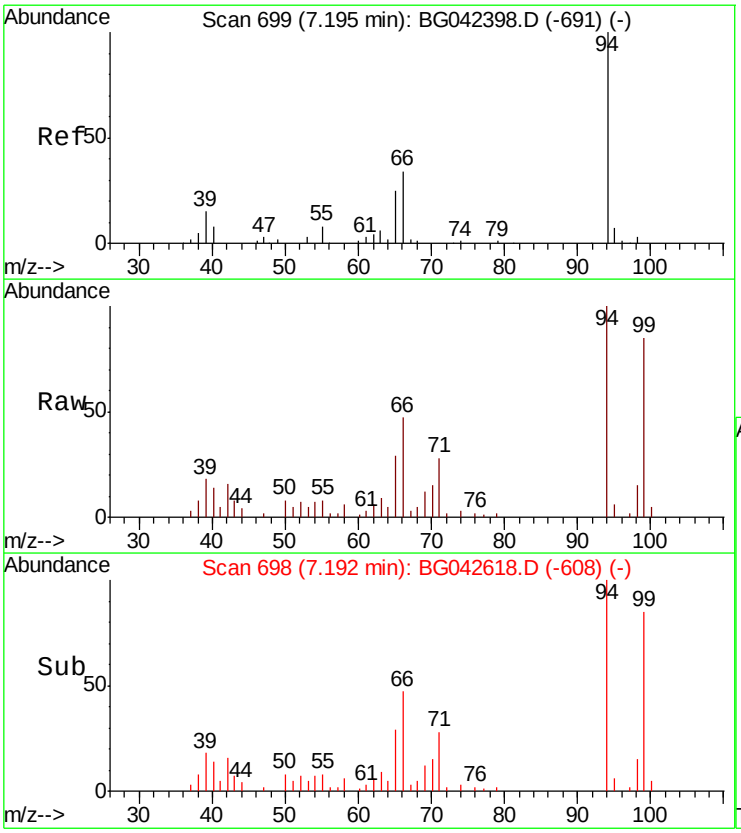
#7
Phenol-d6
Concen: 145.131 ng
RT: 7.16 min Scan# 693
Delta R.T. -0.01 min
Lab File: BG042618.D
Acq: 31 Aug 2019 2:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 353846

Ion	Ratio	Lower	Upper
99	100		
42	15.6	12.0	18.0
71	36.3	26.3	39.5

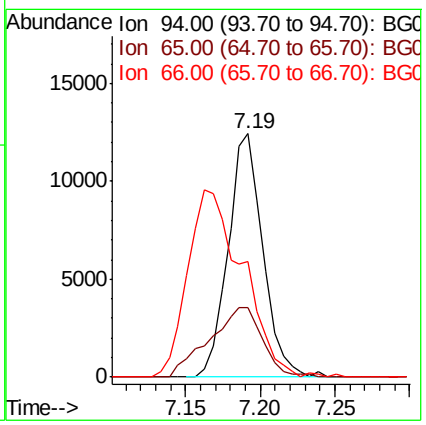


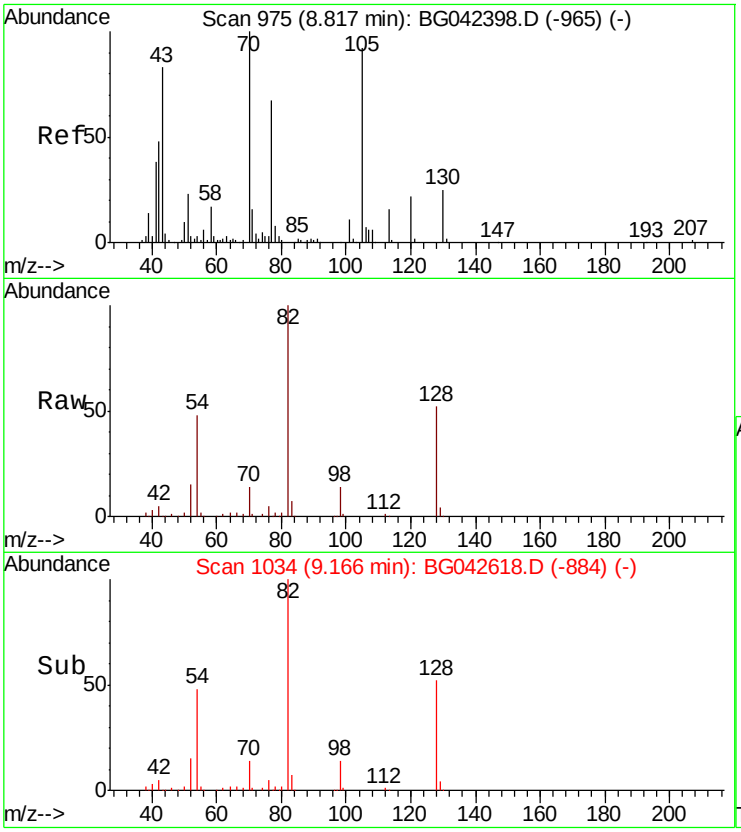


#10
Phenol
Concen: 8.116 ng
RT: 7.19 min Scan# 698
Delta R.T. -0.00 min
Lab File: BG042618.D
Acq: 31 Aug 2019 2:23

Tgt Ion: 94 Resp: 20119

Ion	Ratio	Lower	Upper
94	100		
65	28.6	5.6	45.6
66	47.4	16.0	56.0



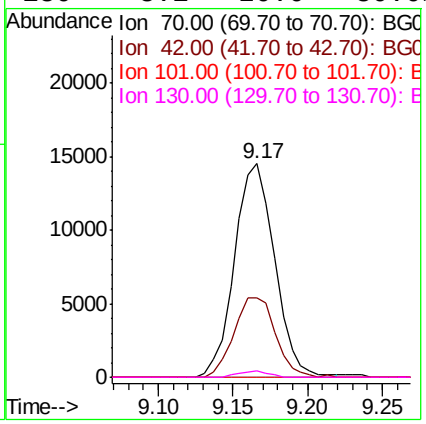


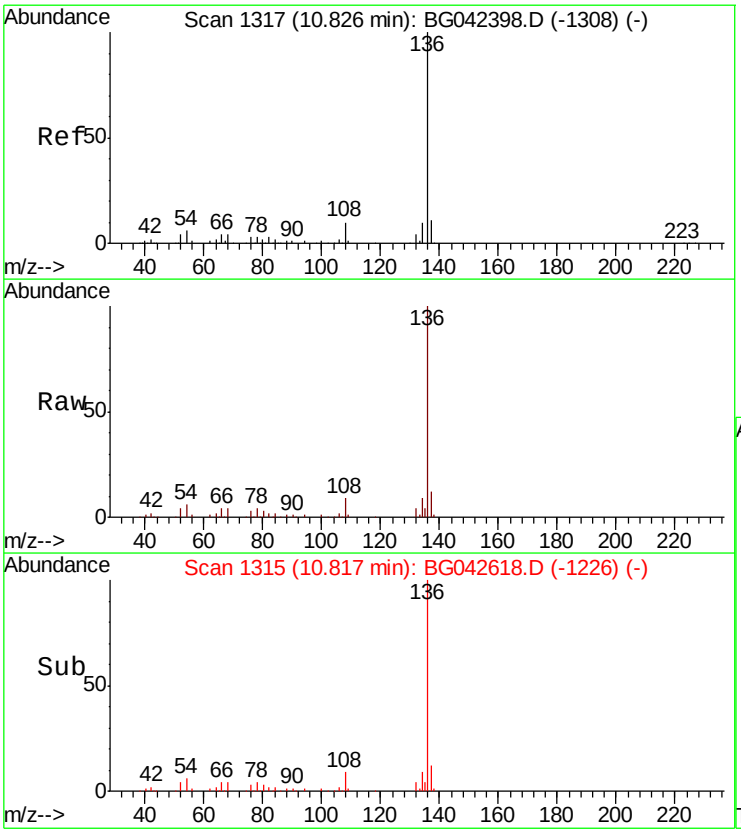
#19
n-Nitroso-di-n-propylamine
Concen: 17.187 ng
RT: 9.17 min Scan# 1034
Delta R.T. 0.35 min
Lab File: BG042618.D
Acq: 31 Aug 2019 2:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 27147

Ion	Ratio	Lower	Upper
70	100		
42	37.3	38.8	58.2#
101	0.0	9.0	13.6#
130	3.1	20.0	30.0#

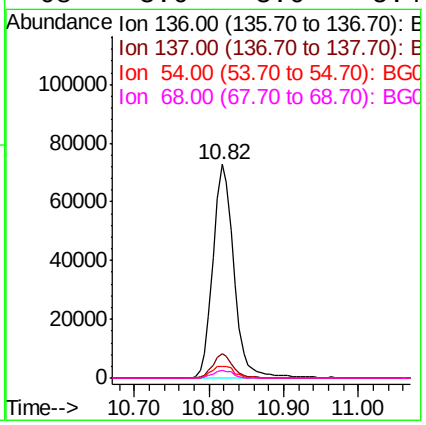


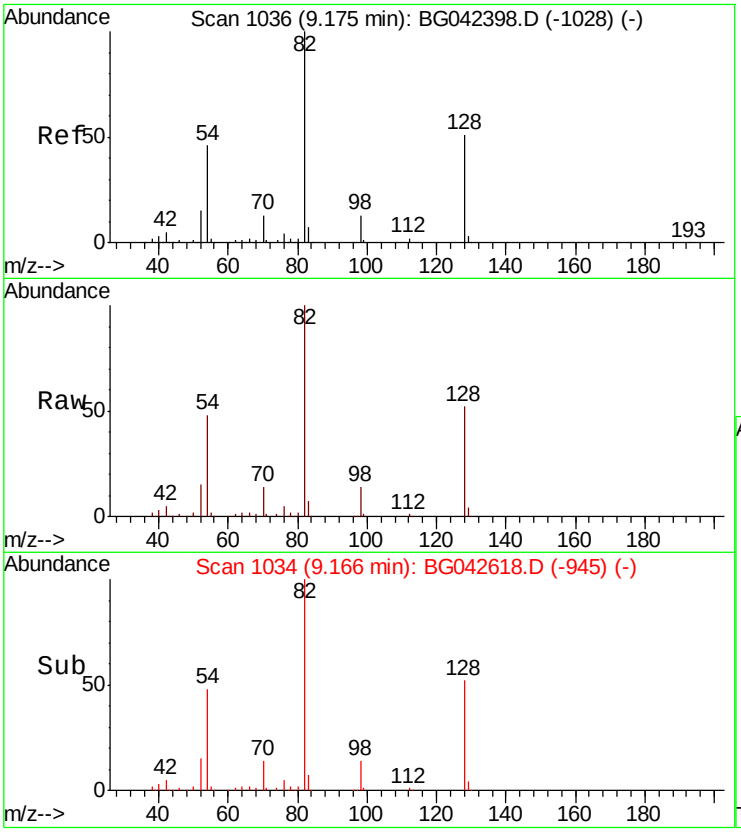


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BG042618.D
Acq: 31 Aug 2019 2:23

Tgt Ion:136 Resp: 141996

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.7	13.1
54	5.7	4.9	7.3
68	3.6	3.6	5.4



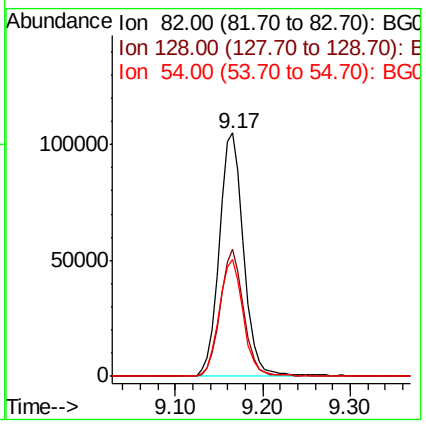


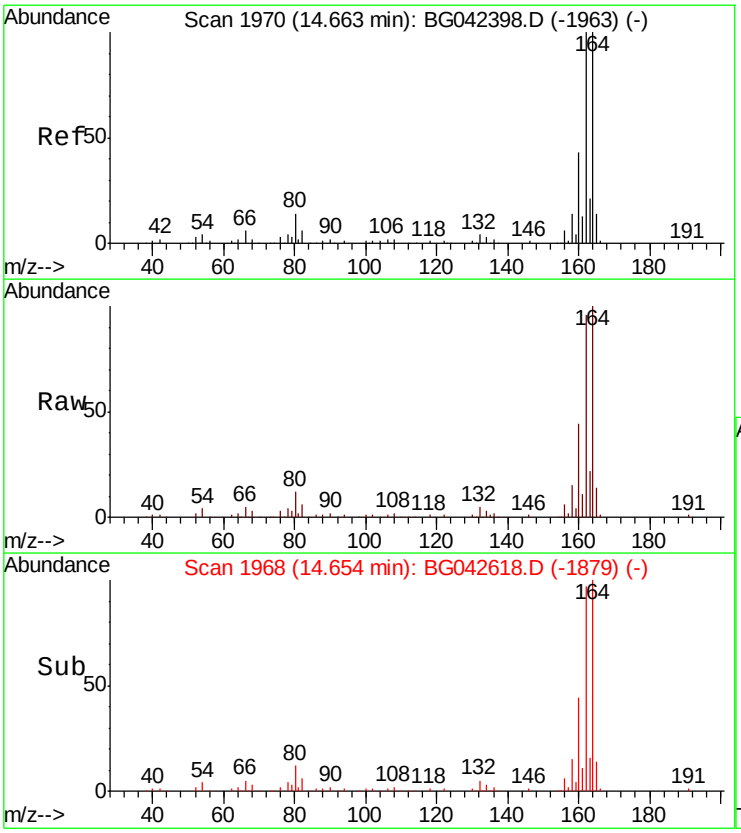
#23
Nitrobenzene-d5
Concen: 98.231 ng
RT: 9.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042618.D
Acq: 31 Aug 2019 2:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 201846

Ion	Ratio	Lower	Upper
82	100		
128	52.5	40.7	61.1
54	48.2	36.3	54.5

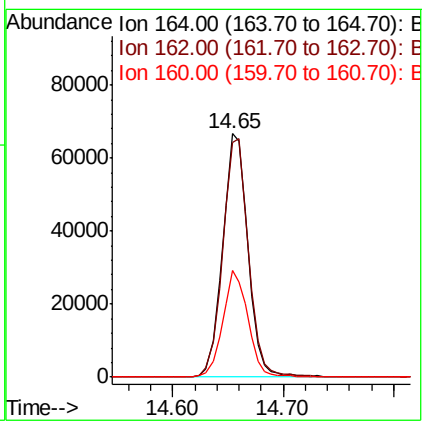


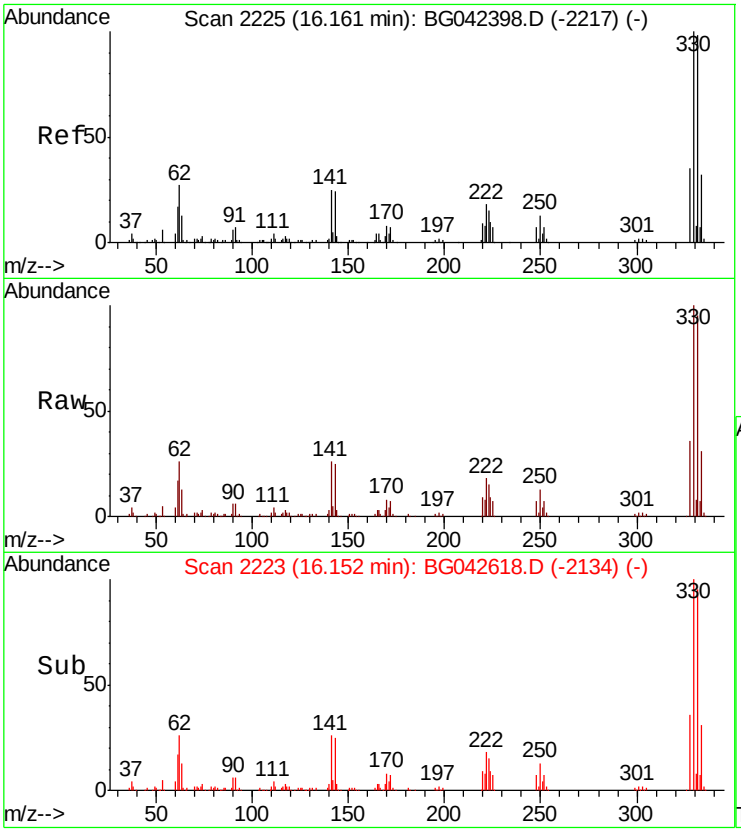


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BG042618.D
Acq: 31 Aug 2019 2:23

Tgt Ion:164 Resp: 106768

Ion	Ratio	Lower	Upper
164	100		
162	96.4	79.9	119.9
160	44.0	34.3	51.5



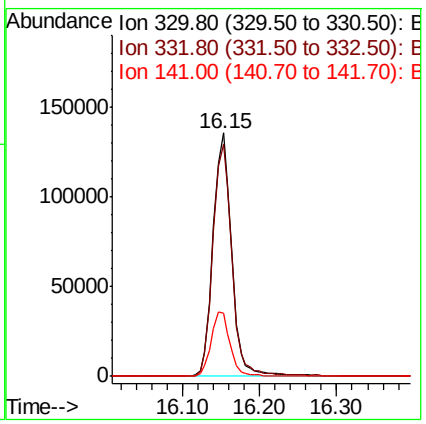


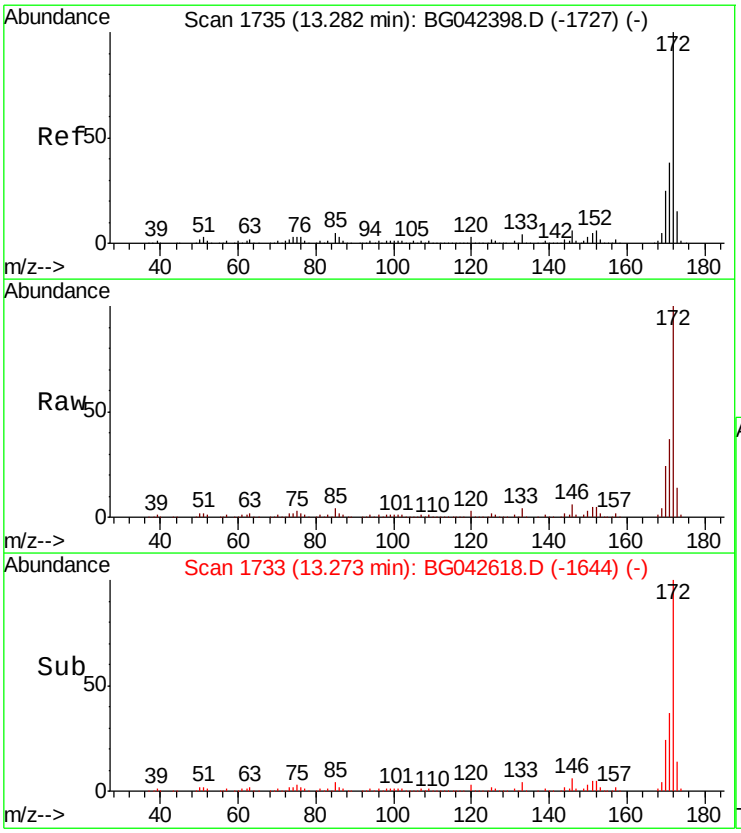
#42
2,4,6-Tribromophenol
Concen: 148.704 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BG042618.D
Acq: 31 Aug 2019 2:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 225663

Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.4	116.0
141	26.9	21.4	32.0

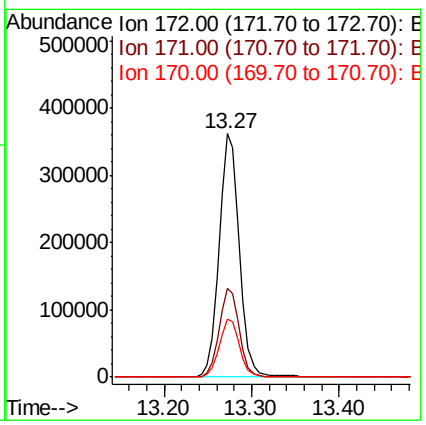


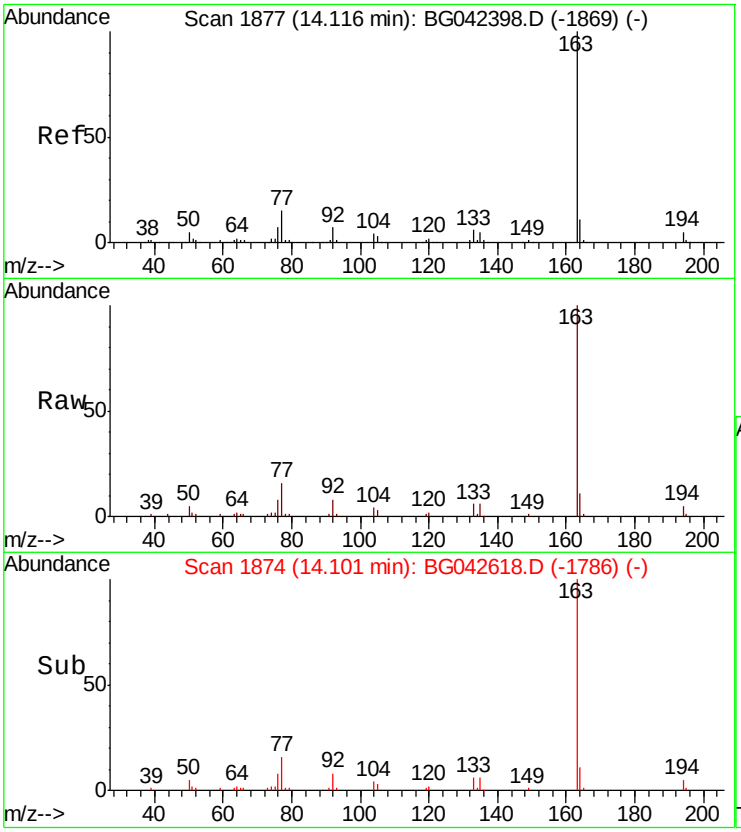


#45
2-Fluorobiphenyl
Concen: 91.694 ng
RT: 13.27 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BG042618.D
Acq: 31 Aug 2019 2:23

Tgt Ion:172 Resp: 578852

Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.5	45.7
170	23.7	20.2	30.2



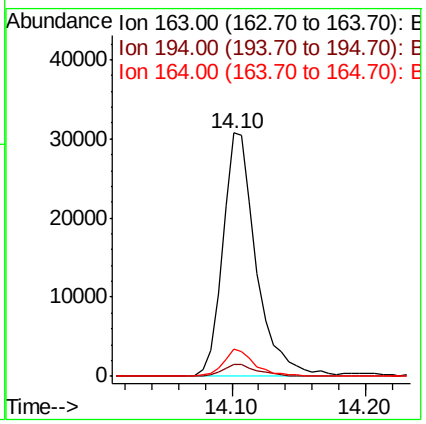


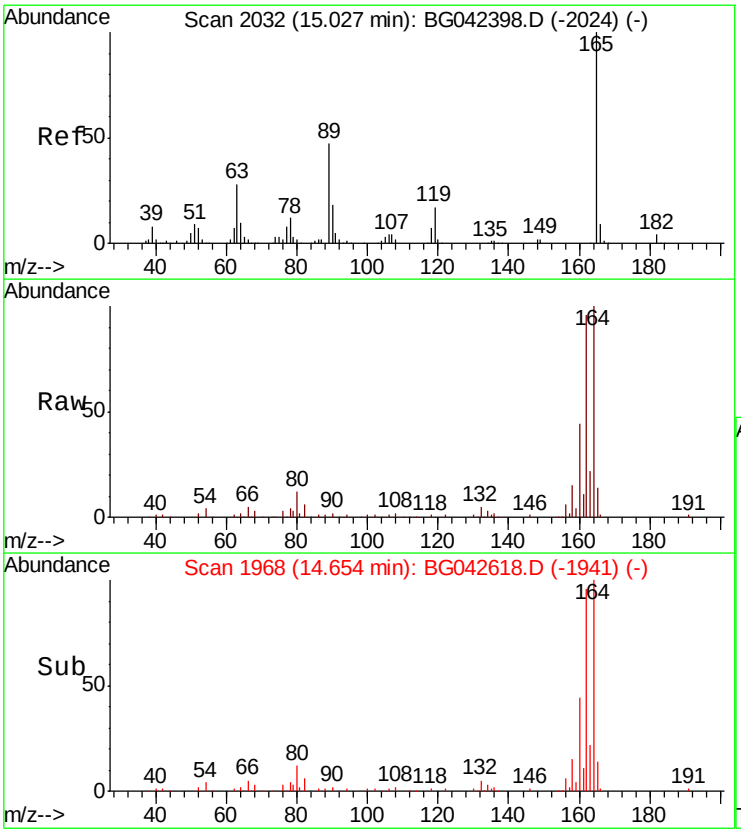
#50
Dimethylphthalate
Concen: 6.969 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG042618.D
Acq: 31 Aug 2019 2:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 53685

Ion	Ratio	Lower	Upper
163	100		
194	4.9	4.2	6.2
164	11.0	8.8	13.2

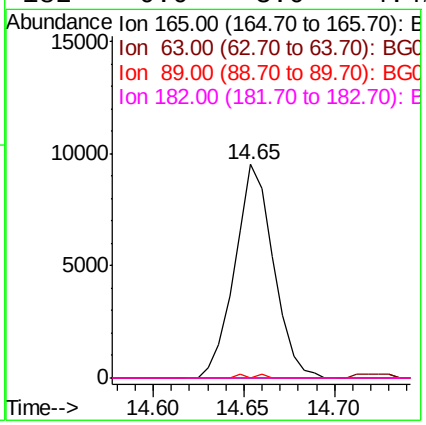


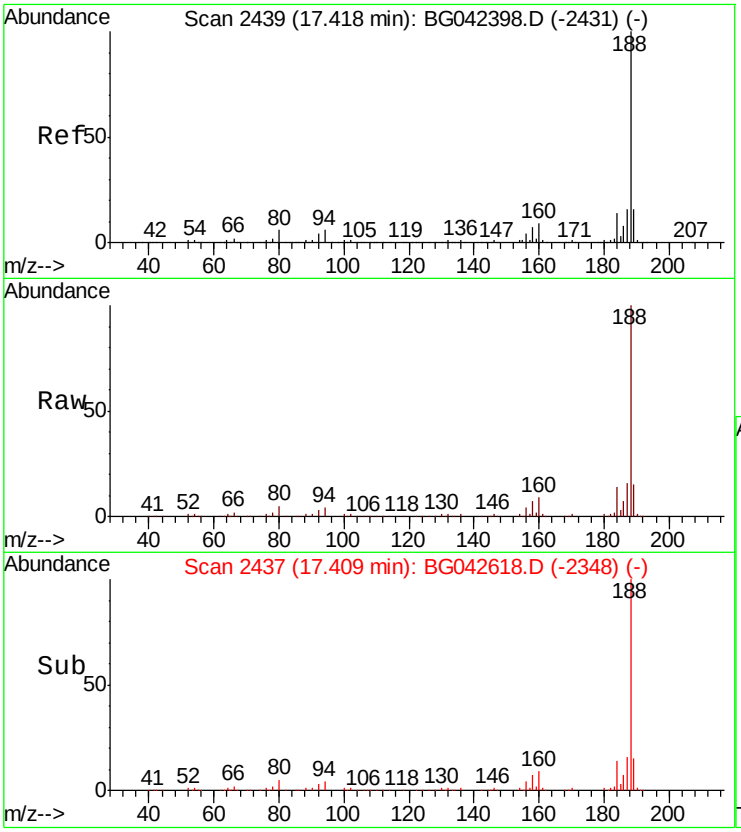


#57
2,4-Dinitrotoluene
Concen: 5.501 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.37 min
Lab File: BG042618.D
Acq: 31 Aug 2019 2:23

Tgt Ion:165 Resp: 14065

Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.5	33.7#
89	0.0	37.8	56.6#
182	0.0	3.0	4.4#



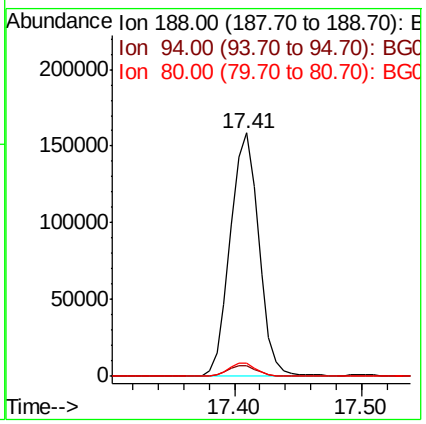


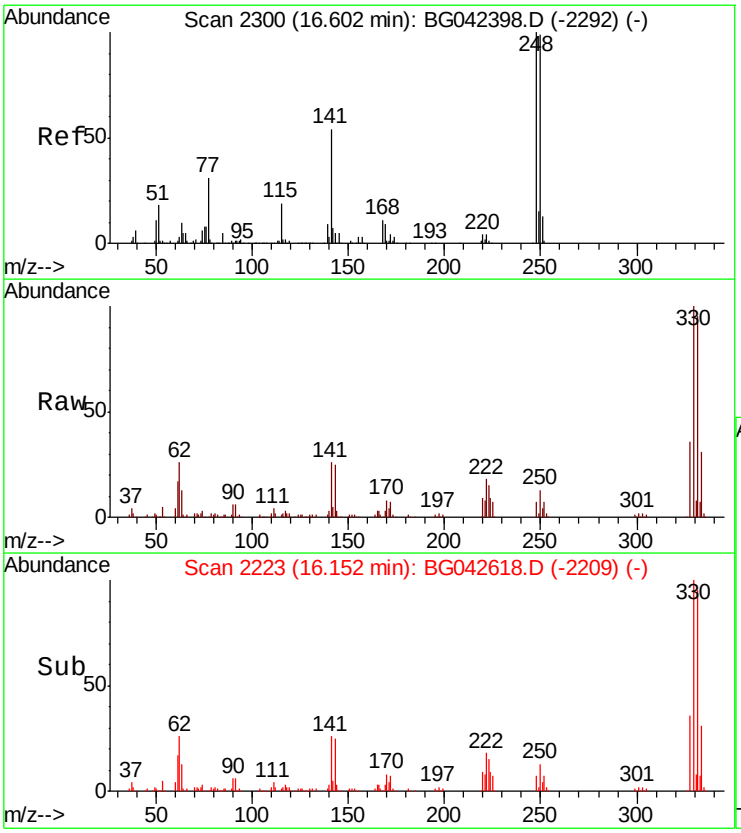
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG042618.D
Acq: 31 Aug 2019 2:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 247258

Ion	Ratio	Lower	Upper
188	100		
94	4.5	4.5	6.7
80	5.4	4.9	7.3

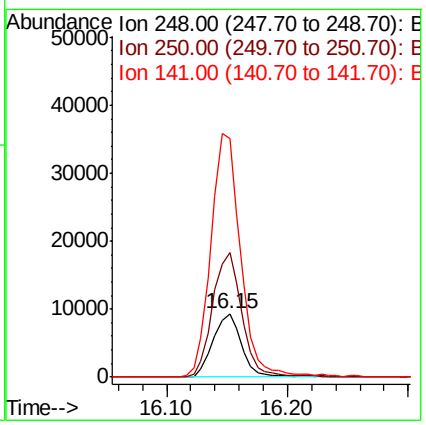


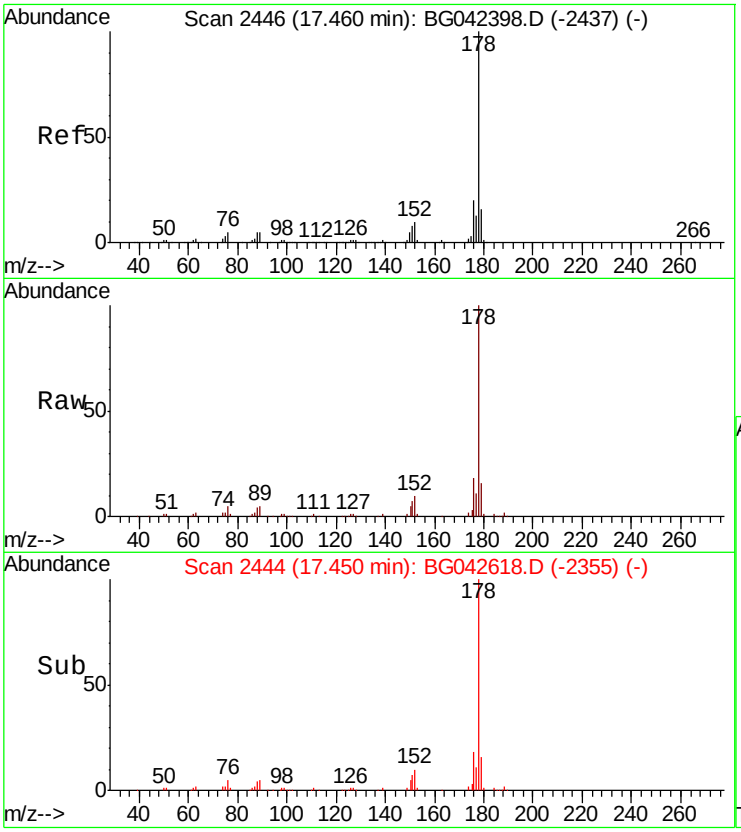


#67
4-Bromophenyl-phenylether
Concen: 4.878 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.45 min
Lab File: BG042618.D
Acq: 31 Aug 2019 2:23

Tgt Ion:248 Resp: 15300

Ion	Ratio	Lower	Upper
248	100		
250	196.9	78.9	118.3#
141	377.0	43.3	64.9#



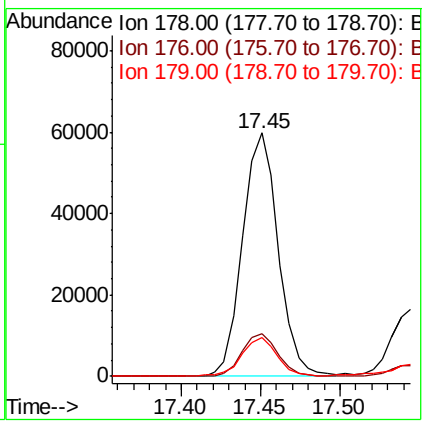


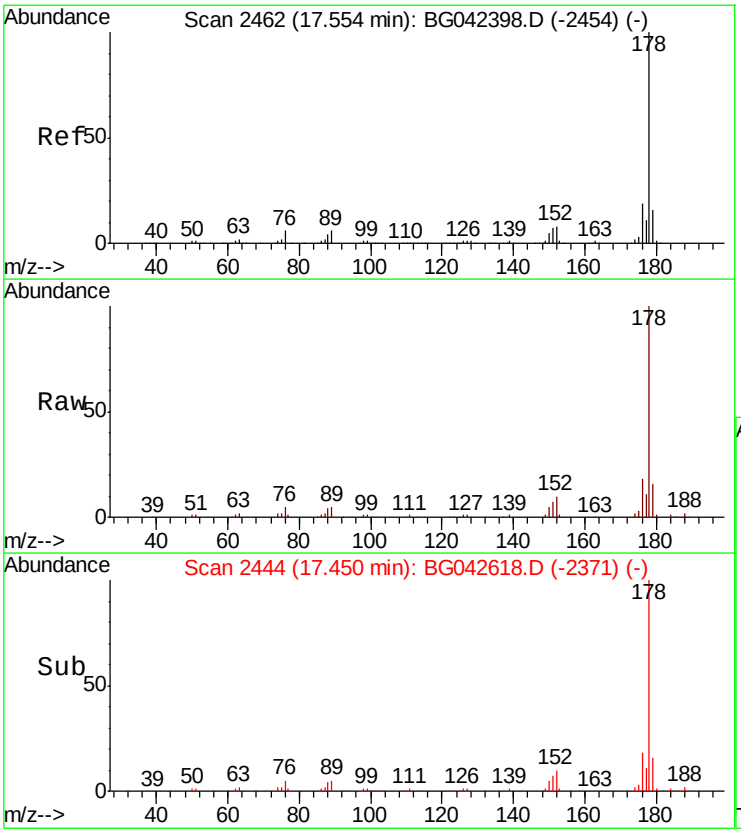
#71
Phenanthrene
Concen: 7.621 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.01 min
Lab File: BG042618.D
Acq: 31 Aug 2019 2:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 93595

Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.9	23.9
179	16.1	12.7	19.1

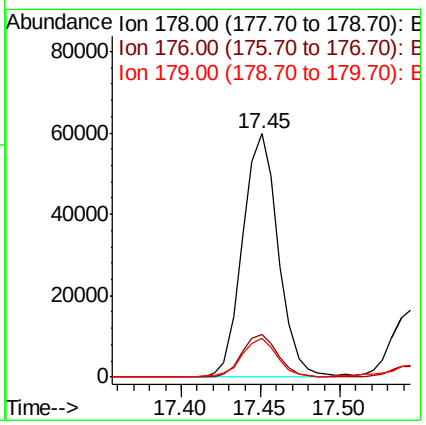


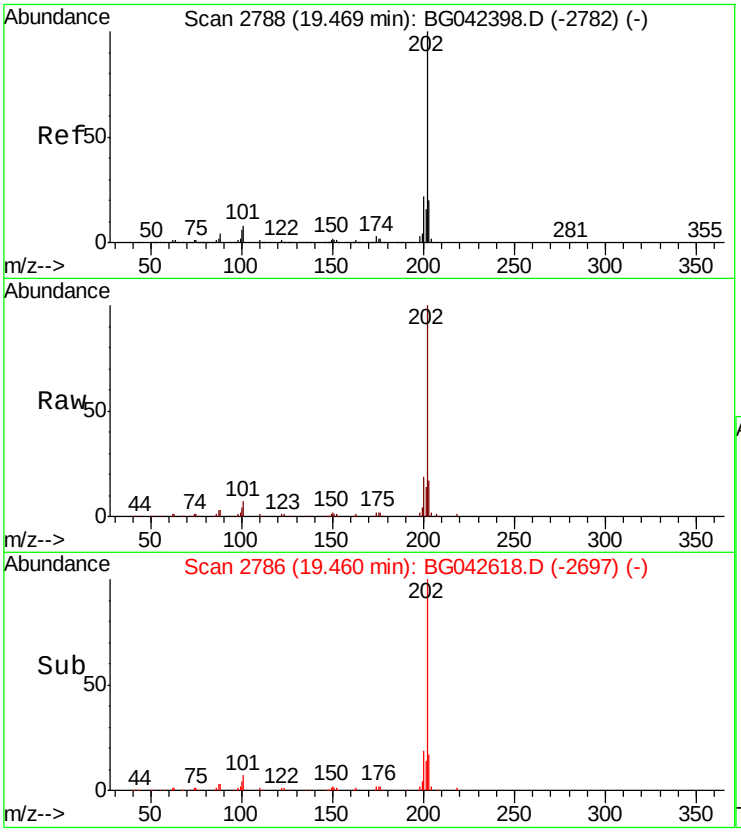


#72
Anthracene
Concen: 7.634 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.10 min
Lab File: BG042618.D
Acq: 31 Aug 2019 2:23

Tgt Ion:178 Resp: 93595

Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.5	23.3
179	16.1	12.9	19.3



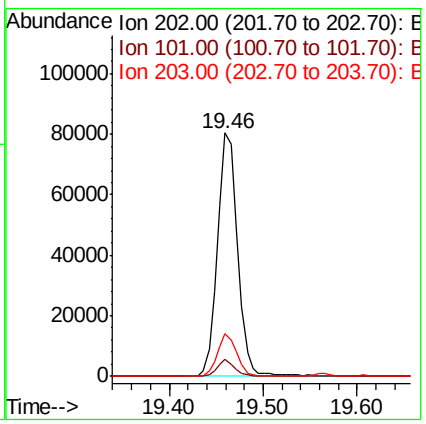


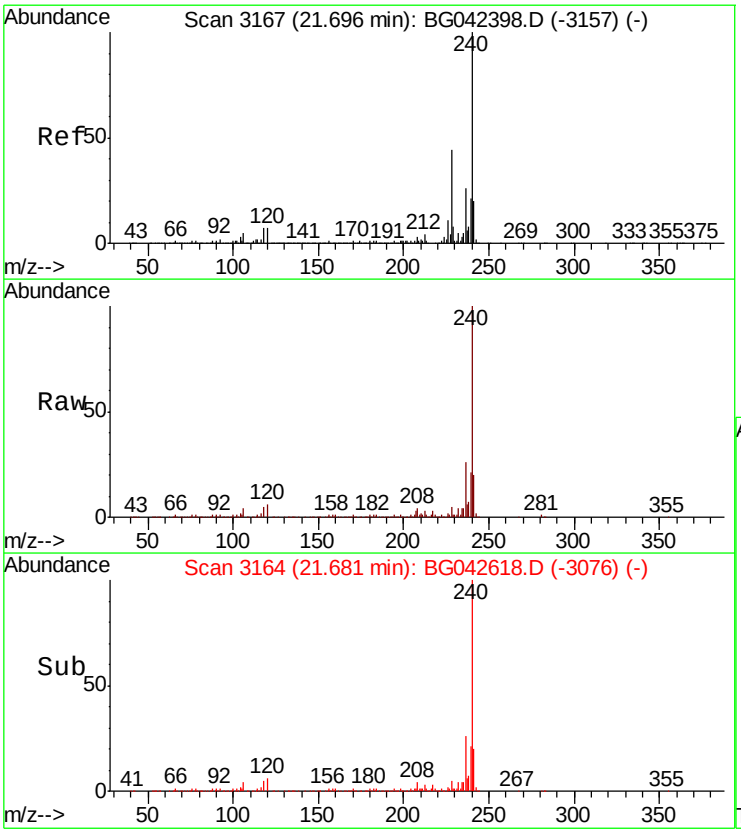
#75
Fluoranthene
Concen: 8.035 ng
RT: 19.46 min Scan# 2786
Delta R.T. -0.01 min
Lab File: BG042618.D
Acq: 31 Aug 2019 2:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 120439

Ion	Ratio	Lower	Upper
202	100		
101	6.9	0.0	28.3
203	17.3	0.0	39.6

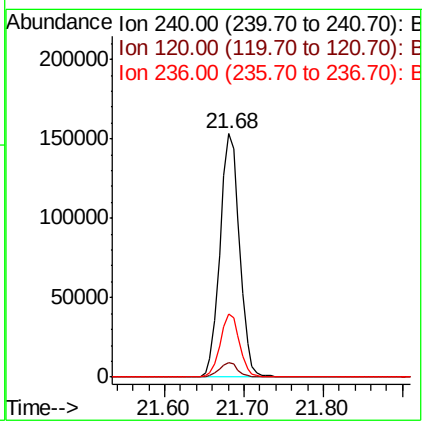


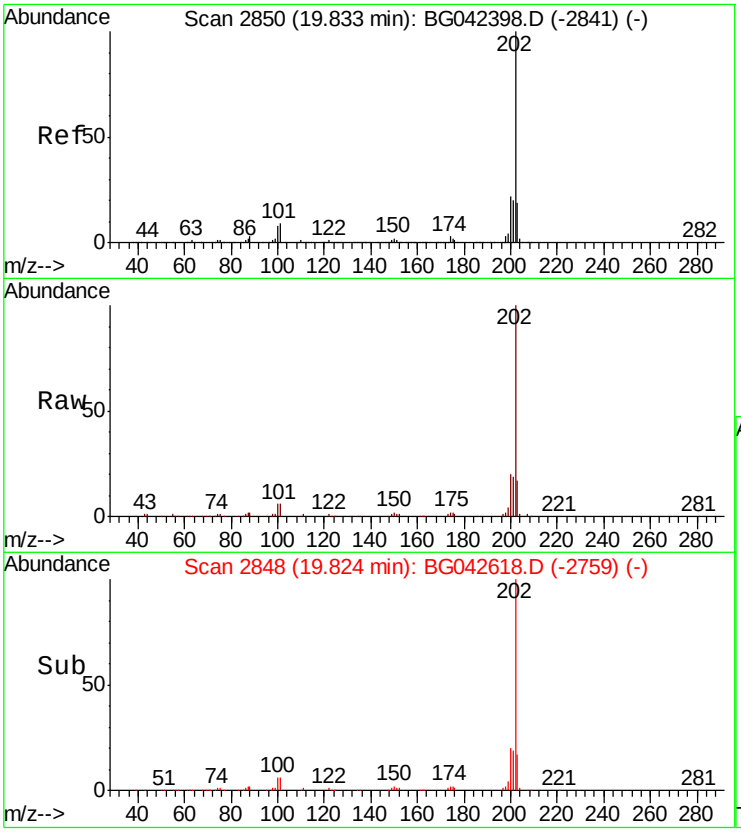


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3164
Delta R.T. -0.01 min
Lab File: BG042618.D
Acq: 31 Aug 2019 2:23

Tgt Ion:240 Resp: 262260

Ion	Ratio	Lower	Upper
240	100		
120	6.0	5.7	8.5
236	25.9	21.0	31.4



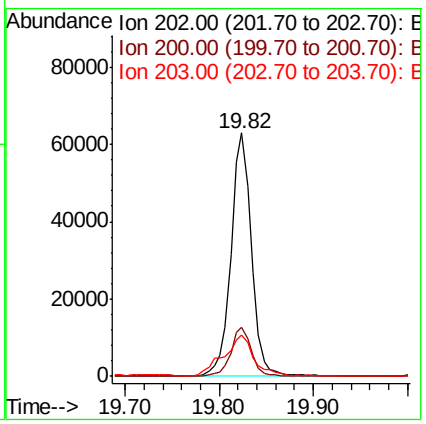


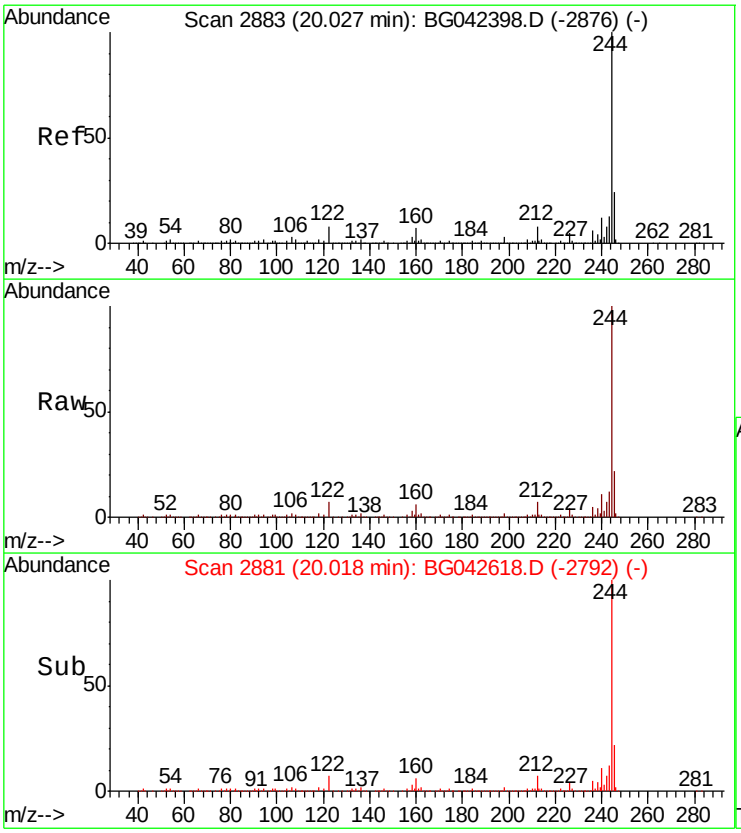
#78
Pyrene
Concen: 5.917 ng
RT: 19.82 min Scan# 2848
Delta R.T. -0.01 min
Lab File: BG042618.D
Acq: 31 Aug 2019 2:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 95145

Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.8	26.6
203	17.0	15.5	23.3

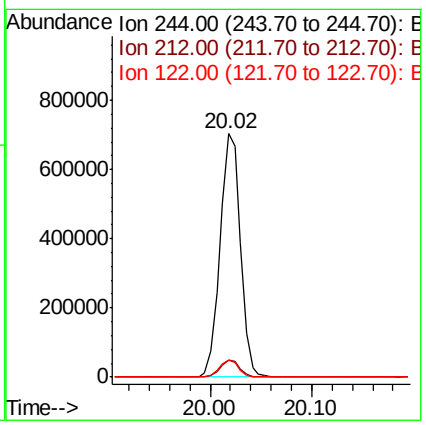


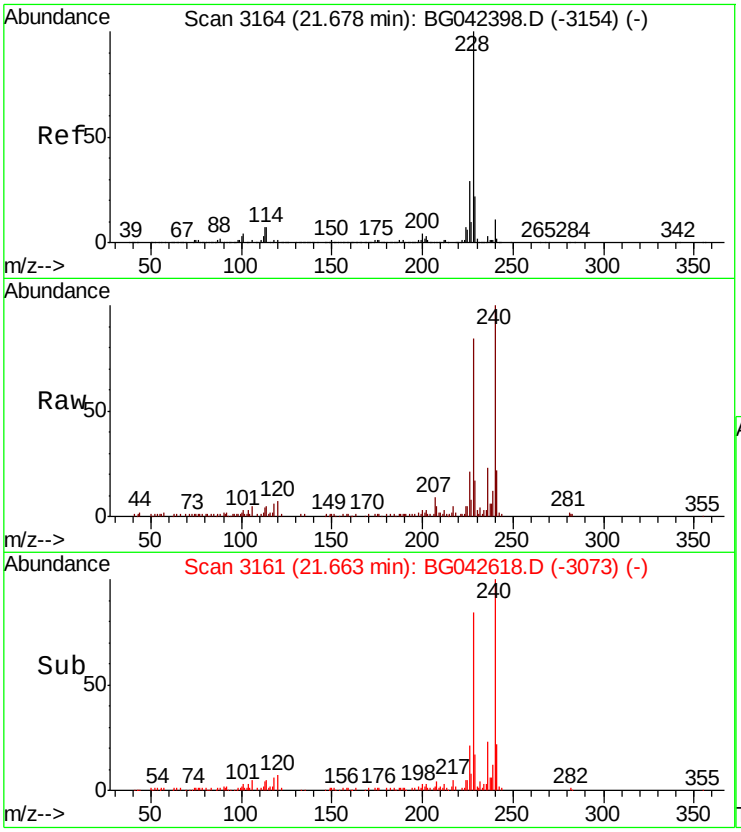


#79
Terphenyl-d14
Concen: 80.745 ng
RT: 20.02 min Scan# 2881
Delta R.T. -0.01 min
Lab File: BG042618.D
Acq: 31 Aug 2019 2:23

Tgt Ion:244 Resp: 979505

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	7.0	6.7	10.1



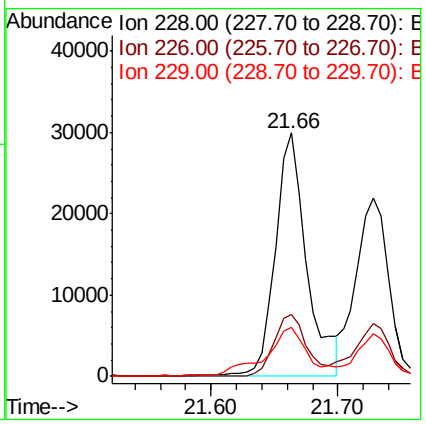


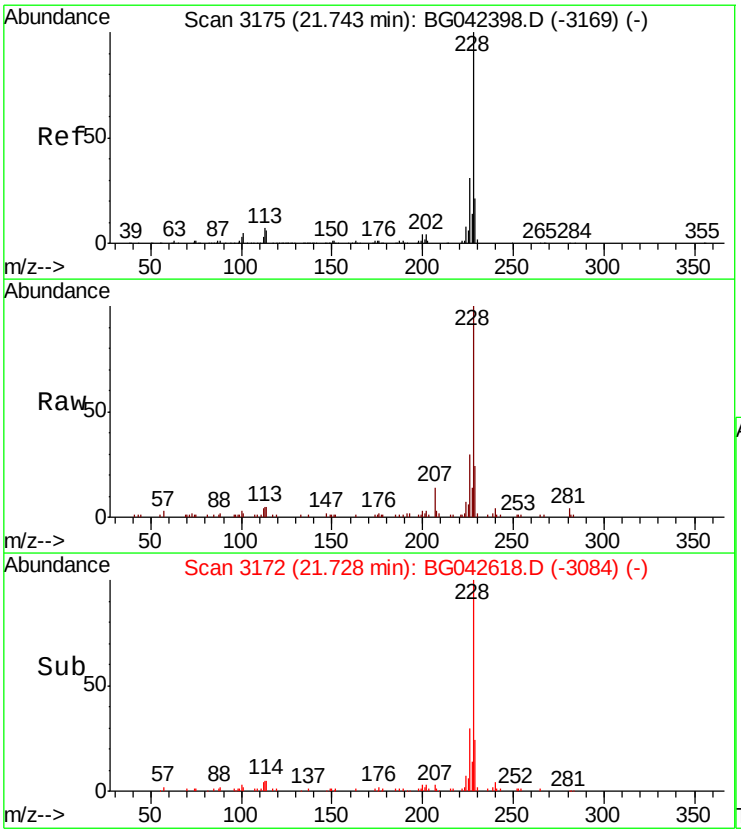
#81
Benzo(a)anthracene
Concen: 3.244 ng
RT: 21.66 min Scan# 3161
Delta R.T. -0.01 min
Lab File: BG042618.D
Acq: 31 Aug 2019 2:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 51753

Ion	Ratio	Lower	Upper
228	100		
226	25.6	23.4	35.2
229	20.4	17.4	26.2

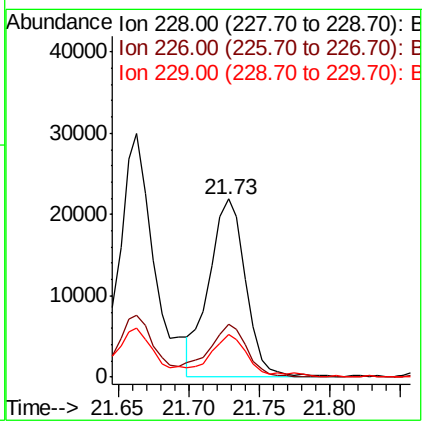


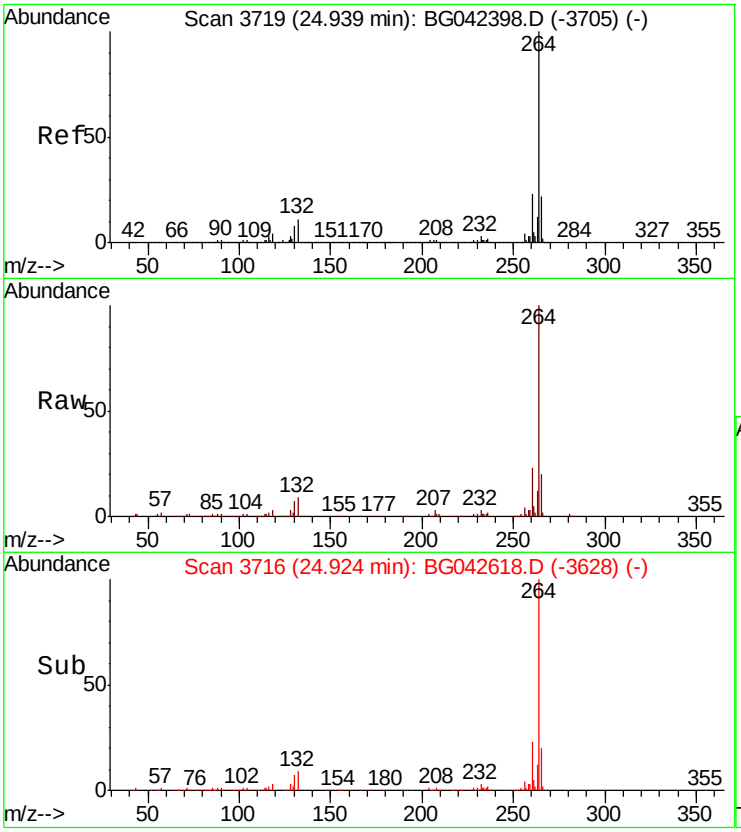


#83
Chrysene
Concen: 2.577 ng
RT: 21.73 min Scan# 3172
Delta R.T. -0.01 min
Lab File: BG042618.D
Acq: 31 Aug 2019 2:23

Tgt Ion:228 Resp: 39649

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.9	37.3
229	23.9	16.9	25.3



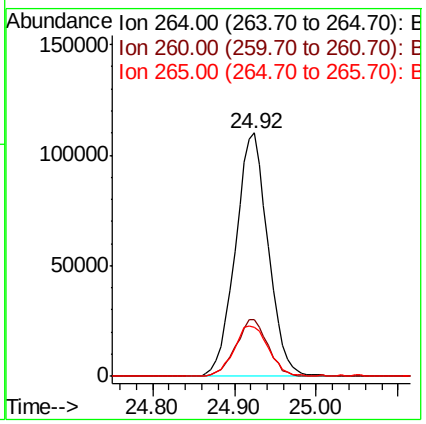


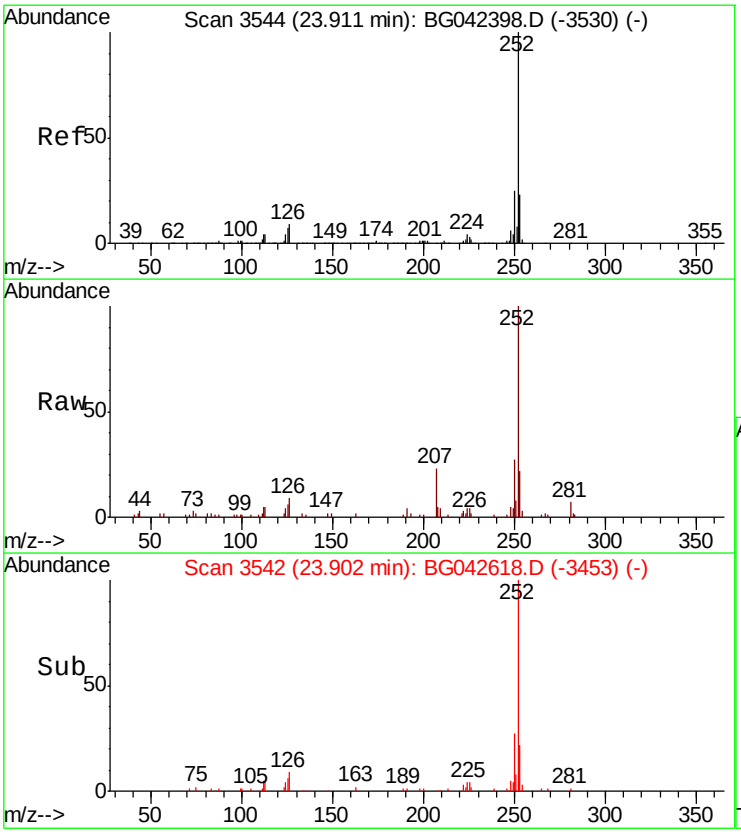
#87
Perylene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3716
Delta R.T. -0.01 min
Lab File: BG042618.D
Acq: 31 Aug 2019 2:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 305090

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.5	27.7
265	20.2	17.6	26.4

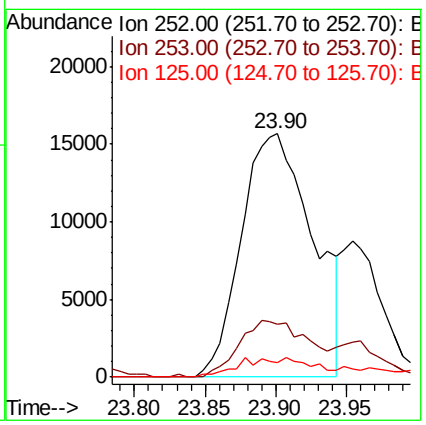


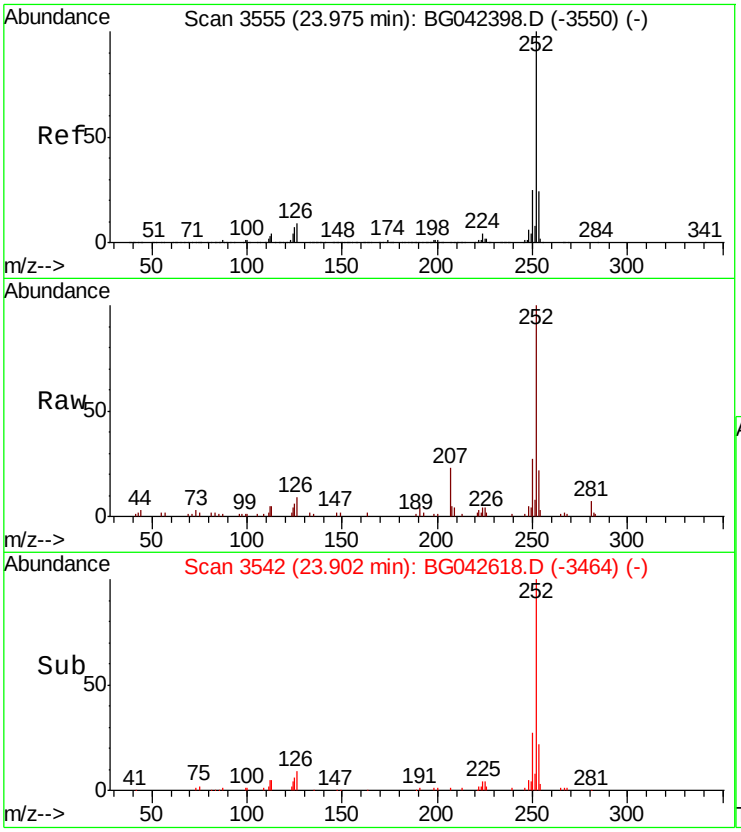


#88
Benzo(b)fluoranthene
Concen: 3.301 ng
RT: 23.90 min Scan# 3542
Delta R.T. -0.01 min
Lab File: BG042618.D
Acq: 31 Aug 2019 2:23

Tgt Ion:252 Resp: 55370

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.6	27.8
125	5.9	5.6	8.4



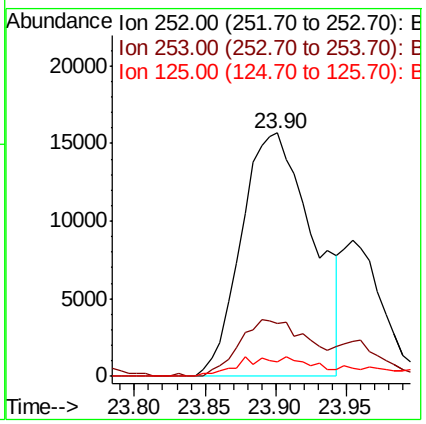


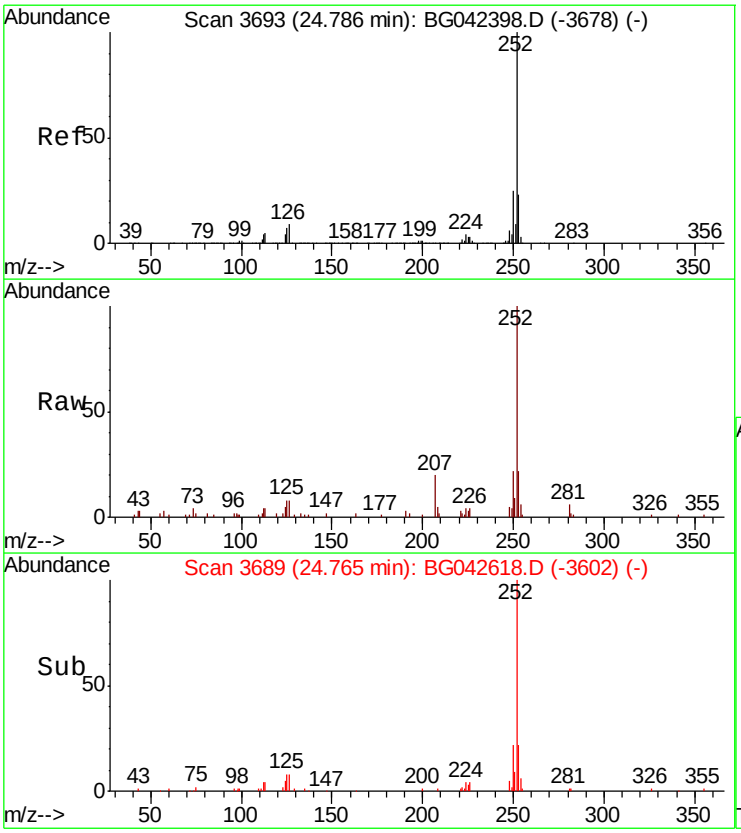
#89
Benzo(k)fluoranthene
Concen: 3.434 ng
RT: 23.90 min Scan# 3542
Delta R.T. -0.07 min
Lab File: BG042618.D
Acq: 31 Aug 2019 2:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 55370

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.6	27.8
125	5.9	5.8	8.6





#90
Benzo(a)pyrene
Concen: 2.698 ng
RT: 24.77 min Scan# 3689
Delta R.T. -0.02 min
Lab File: BG042618.D
Acq: 31 Aug 2019 2:23

Tgt Ion:252 Resp: 42937

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.4	27.6
125	8.1	6.0	9.0