Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060319\
Data File : BG041047.D
Acq On : 3 Jun 2019 23:13
Operator : HP/JU
Sample : K2641-19
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CL-02-053119-D

Quant Time: Jun 04 08:07:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 18:39:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	86280	20.00	ng		-0.01
21) Naphthalene-d8	10.94	136	320882	20.00	ng		0.00
39) Acenaphthene-d10	14.75	164	213729	20.00	ng		-0.01
64) Phenanthrene-d10	17.50	188	471954	20.00	ng		0.00
76) Chrysene-d12	21.77	240	465698	20.00	ng		-0.01
87) Perylene-d12	25.12	264	511985	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	470743	98.38	ng		0.00
7) Phenol-d6	7.27	99	681214	92.19	ng		0.00
23) Nitrobenzene-d5	9.30	82	482620	66.77	ng		0.00
42) 2,4,6-Tribromophenol	16.24	330	294480	92.81	ng		0.00
45) 2-Fluorobiphenyl	13.37	172	902211	60.79	ng		-0.01
79) Terphenyl-d14	20.09	244	1256108	57.25	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.29	70	66446	11.684	ng	#	79
32) Benzoic acid	10.16	122	132	8.158	ng	#	24
50) Dimethylphthalate	14.19	163	87893	4.858	ng		97
54) 2,4-Dinitrophenol	14.70	184	60	8.288	ng	#	1
57) 2,4-Dinitrotoluene	14.75	165	29125	5.286	ng	#	23
65) 4,6-Dinitro-2-methylphenol	16.24	198	926	8.890	ng		80
67) 4-Bromophenyl-phenylether	16.24	248	22060	3.464	ng	#	1
70) Pentachlorophenol	17.04	266	63	4.272	ng	#	18
71) Phenanthrene	17.54	178	290179	11.804	ng		99
72) Anthracene	17.62	178	51579	2.127	ng		96
75) Fluoranthene	19.54	202	463686	15.271	ng		99
78) Pyrene	19.90	202	545473	18.018	ng		98
81) Benzo(a)anthracene	21.75	228	264993	8.548	ng		97
83) Chrysene	21.82	228	288154	9.713	ng		97
86) Indeno(1,2,3-cd)pyrene	28.95	276	132284	3.640	ng	#	98
88) Benzo(b)fluoranthene	24.05	252	313004	10.079	ng	#	93
89) Benzo(k)fluoranthene	24.05	252	313004	10.186	ng	#	91
90) Benzo(a)pyrene	24.96	252	254668	8.596	ng		97
92) Benzo(g,h,i)perylene	30.16	276	141627	4.924	ng	#	94

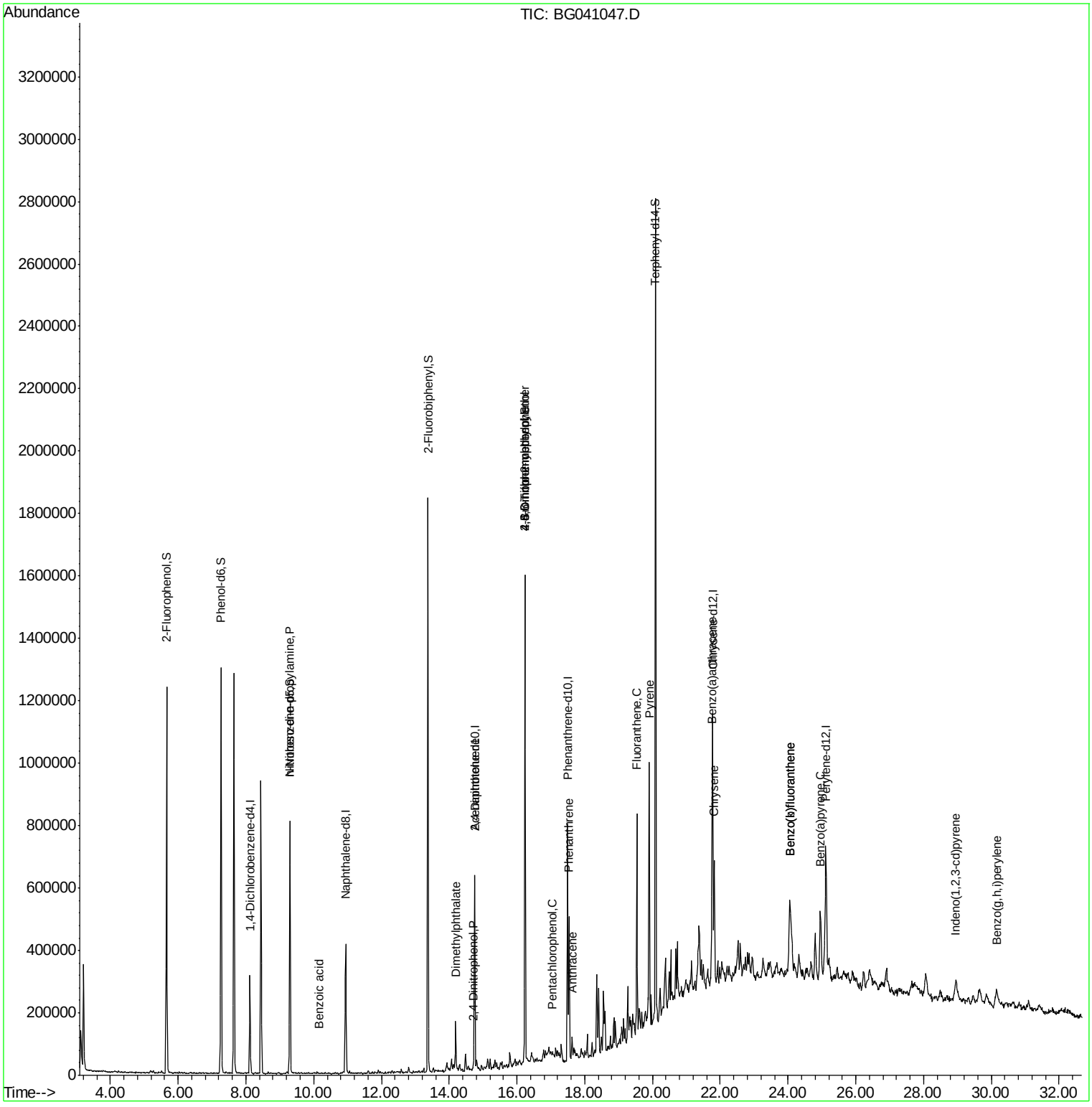
(#) = qualifier out of range (m) = manual integration (+) = signals summed

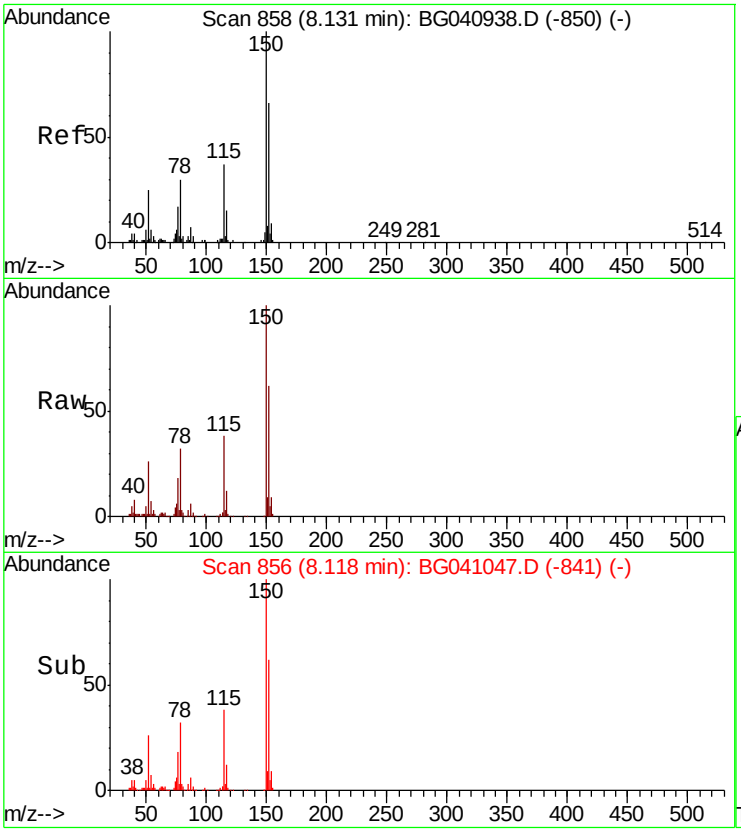
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060319\
Data File : BG041047.D
Acq On : 3 Jun 2019 23:13
Operator : HP/JU
Sample : K2641-19
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CL-02-053119-D

Quant Time: Jun 04 08:07:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 18:39:57 2019
Response via : Initial Calibration



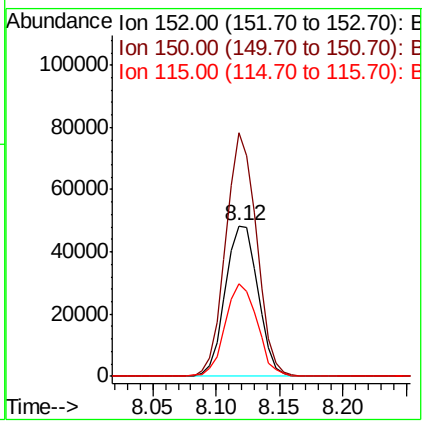


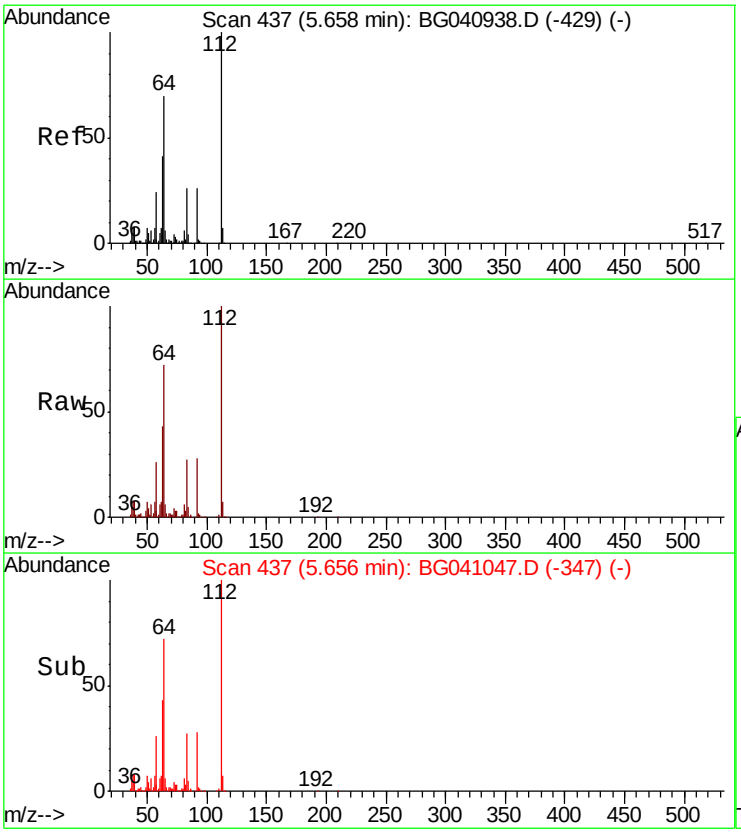
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG041047.D
Acq: 3 Jun 2019 23:13

Instrument :
BNA_G
ClientSampleId :
CL-02-053119-D

Tgt Ion:152 Resp: 86280

Ion	Ratio	Lower	Upper
152	100		
150	161.4	120.6	180.8
115	61.3	45.1	67.7

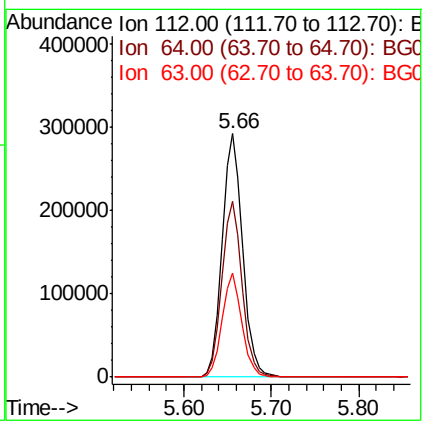


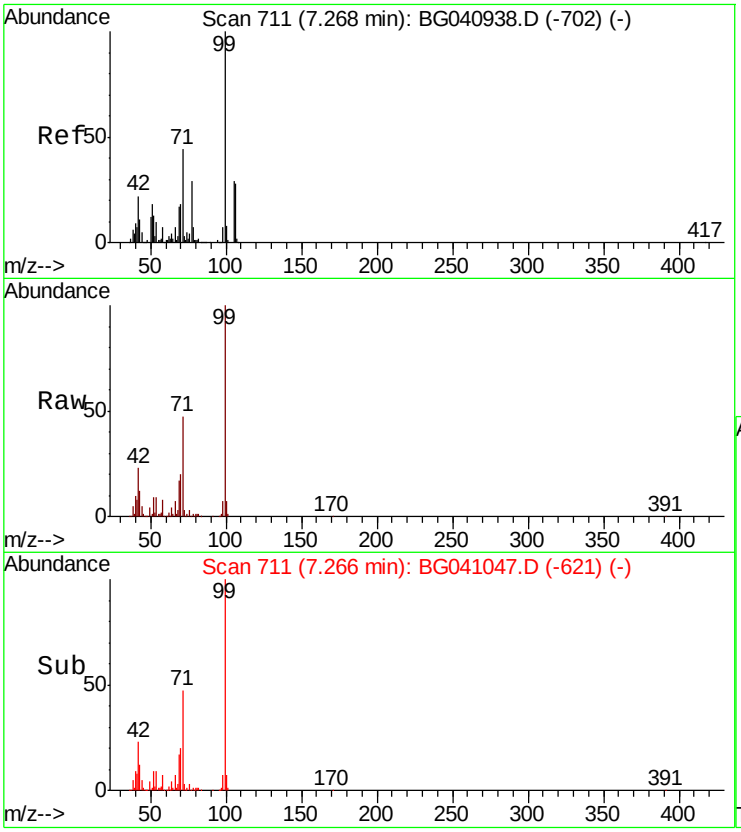


#5
2-Fluorophenol
Concen: 98.383 ng
RT: 5.66 min Scan# 437
Delta R.T. -0.00 min
Lab File: BG041047.D
Acq: 3 Jun 2019 23:13

Tgt Ion:112 Resp: 470743

Ion	Ratio	Lower	Upper
112	100		
64	72.3	56.2	84.2
63	43.0	32.8	49.2



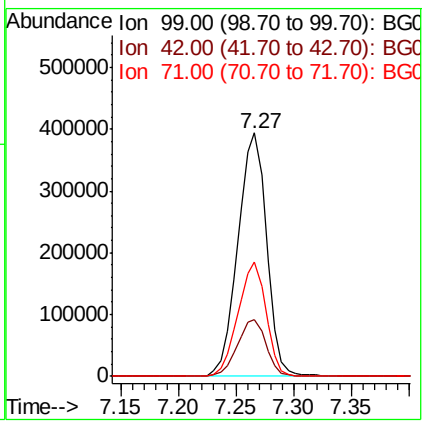


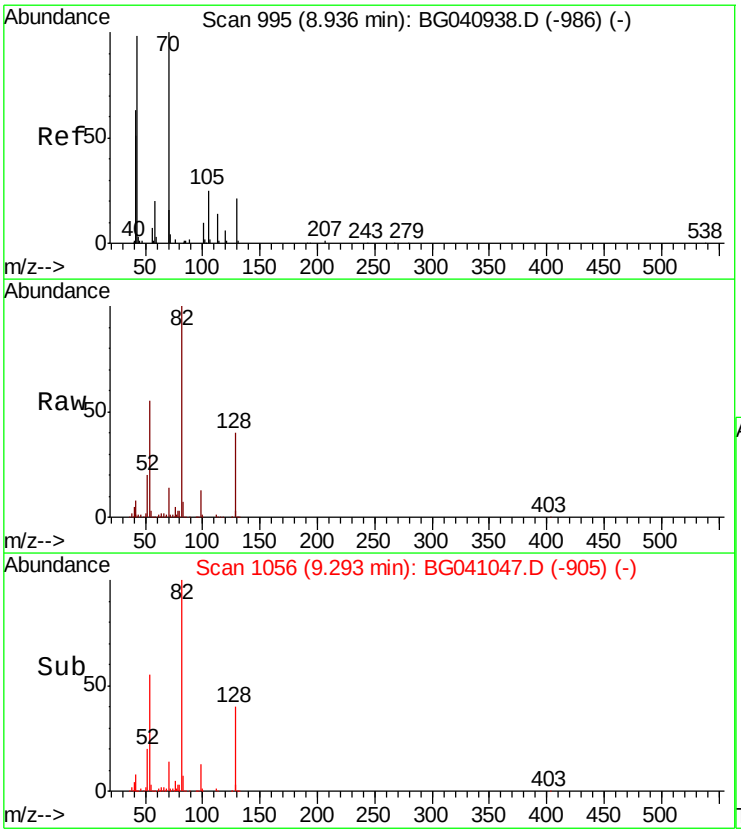
#7
Phenol-d6
Concen: 92.185 ng
RT: 7.27 min Scan# 711
Delta R.T. -0.00 min
Lab File: BG041047.D
Acq: 3 Jun 2019 23:13

Instrument :
BNA_G
ClientSampleId :
CL-02-053119-D

Tgt Ion: 99 Resp: 681214

Ion	Ratio	Lower	Upper
99	100		
42	23.3	17.9	26.9
71	47.2	35.4	53.0

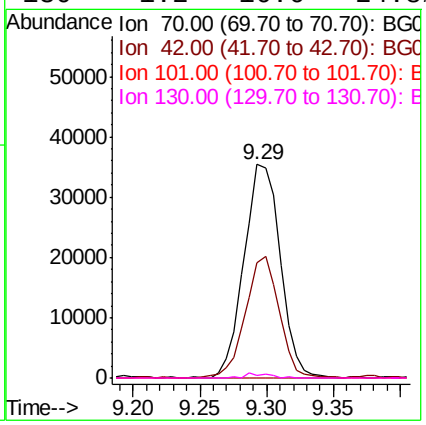


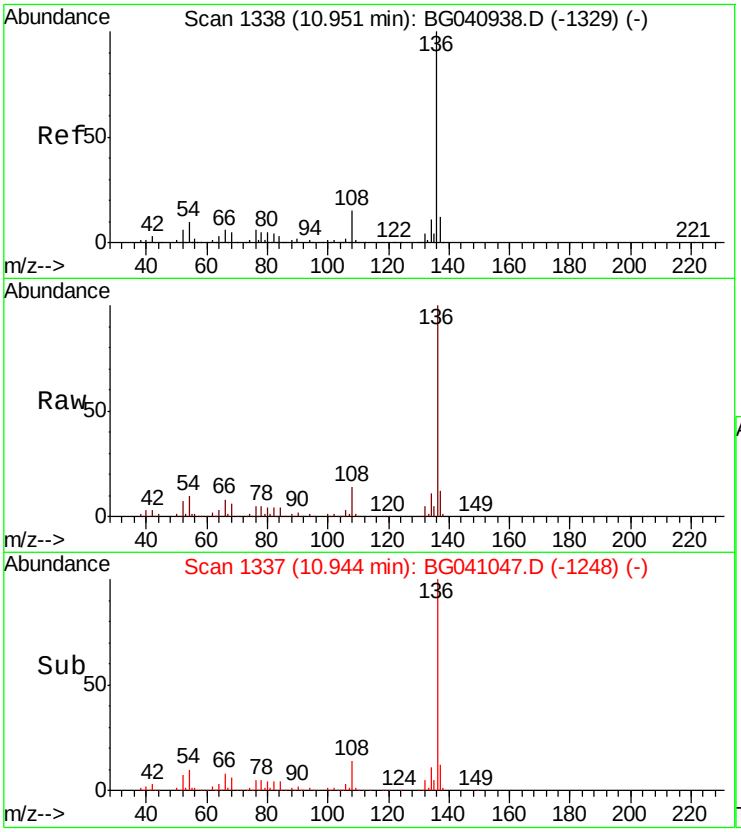


#19
n-Nitroso-di-n-propylamine
Concen: 11.684 ng
RT: 9.29 min Scan# 1056
Delta R.T. 0.36 min
Lab File: BG041047.D
Acq: 3 Jun 2019 23:13

Tgt Ion: 70 Resp: 66446

Ion	Ratio	Lower	Upper
70	100		
42	54.1	51.5	77.3
101	0.0	8.1	12.1#
130	1.2	16.6	24.8#



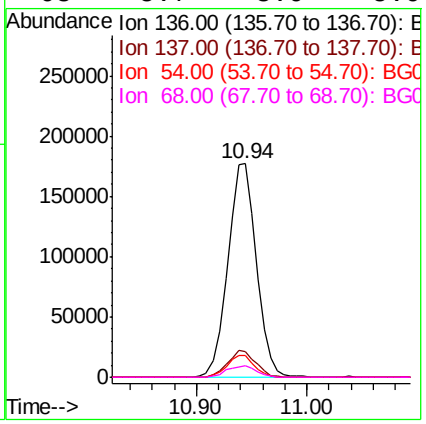


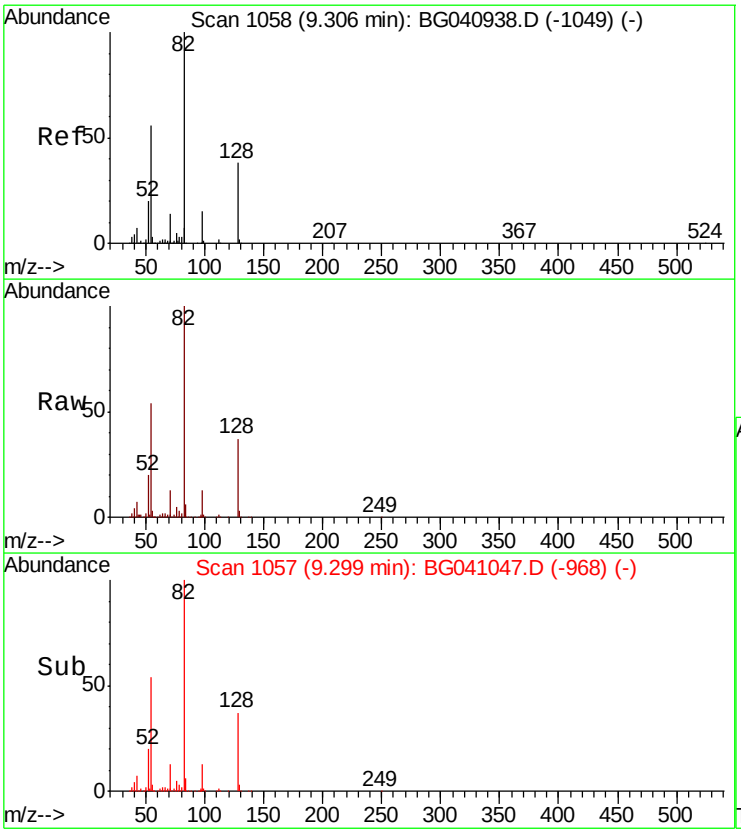
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BG041047.D
Acq: 3 Jun 2019 23:13

Instrument :
BNA_G
ClientSampleId :
CL-02-053119-D

Tgt Ion:136 Resp: 320882

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.5	14.3
54	10.0	7.6	11.4
68	5.7	3.9	5.9

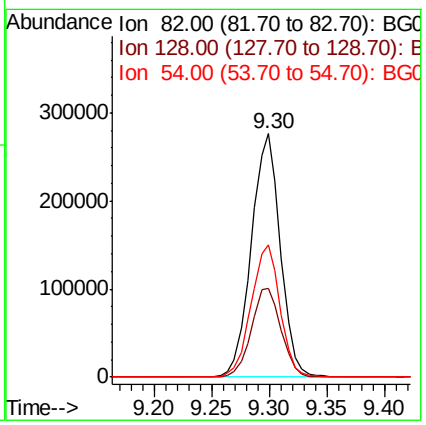


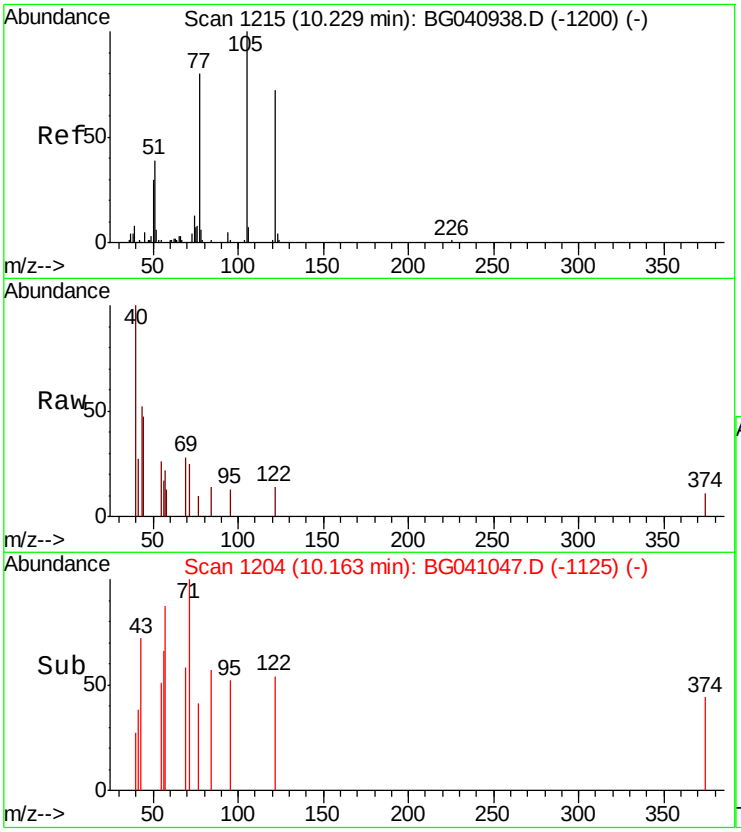


#23
Nitrobenzene-d5
Concen: 66.770 ng
RT: 9.30 min Scan# 1057
Delta R.T. -0.01 min
Lab File: BG041047.D
Acq: 3 Jun 2019 23:13

Tgt Ion: 82 Resp: 482620

Ion	Ratio	Lower	Upper
82	100		
128	36.6	30.5	45.7
54	54.1	44.6	66.8



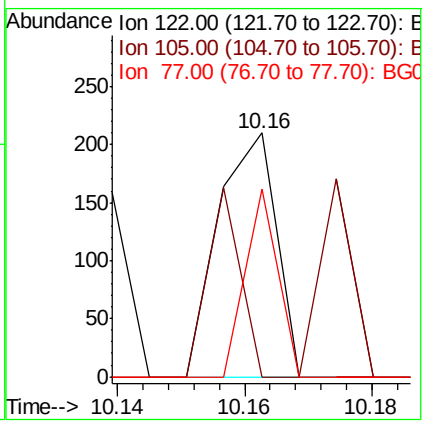


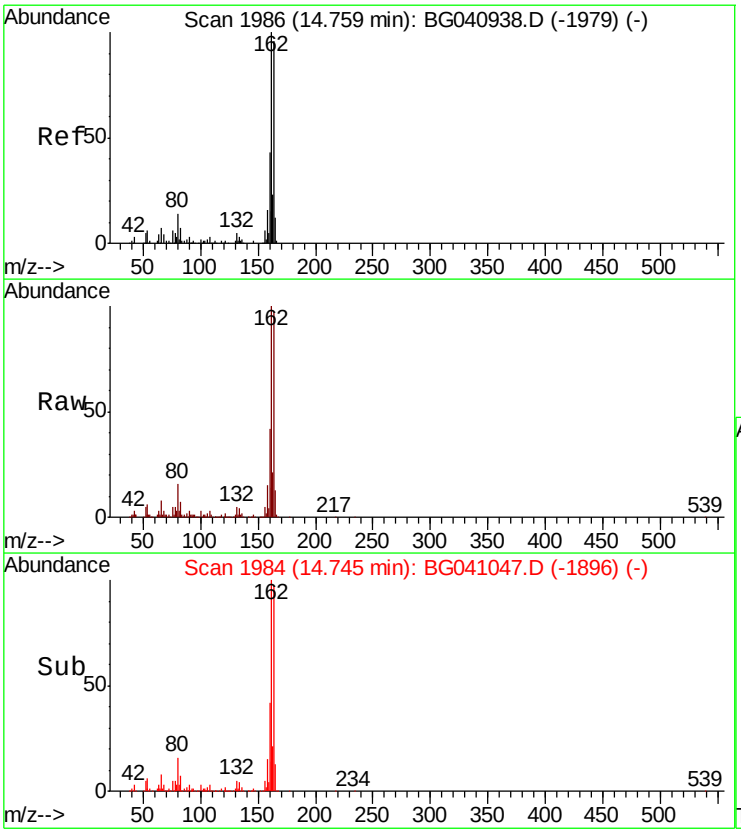
#32
Benzoic acid
Concen: 8.158 ng
RT: 10.16 min Scan# 1204
Delta R.T. -0.07 min
Lab File: BG041047.D
Acq: 3 Jun 2019 23:13

Instrument :
BNA_G
ClientSampleId :
CL-02-053119-D

Tgt Ion:122 Resp: 132

Ion	Ratio	Lower	Upper
122	100		
105	0.0	114.8	154.8#
77	77.1	89.9	129.9#

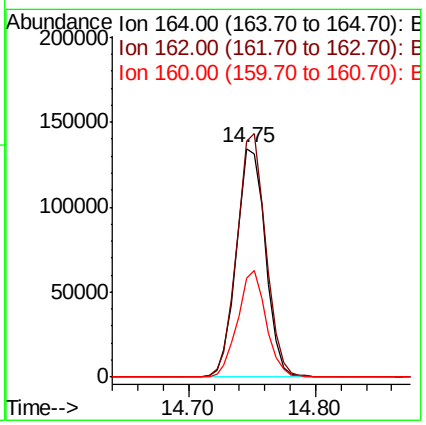


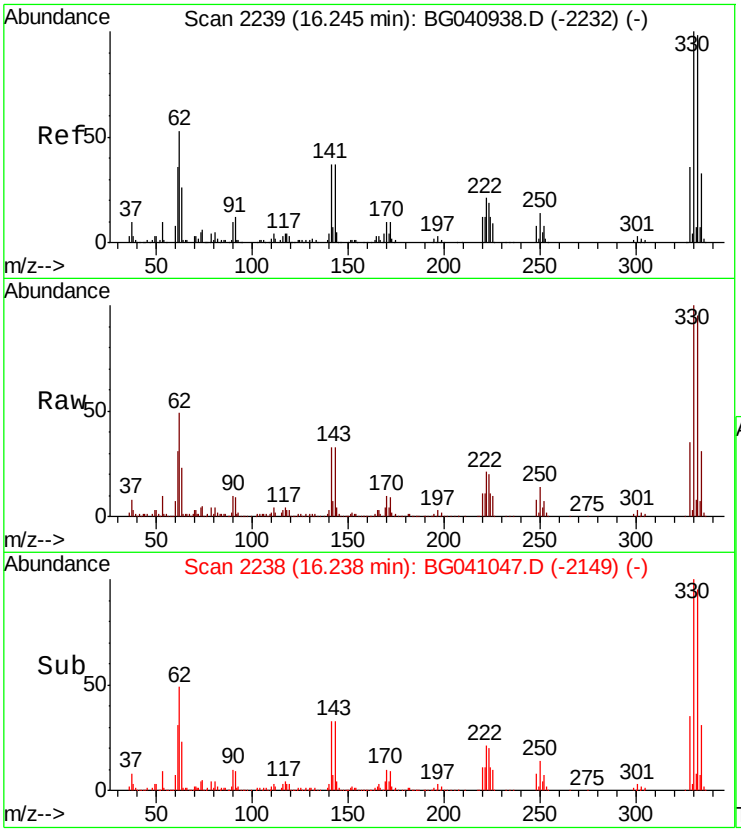


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1984
Delta R.T. -0.01 min
Lab File: BG041047.D
Acq: 3 Jun 2019 23:13

Tgt Ion:164 Resp: 213729

Ion	Ratio	Lower	Upper
164	100		
162	102.9	83.0	124.4
160	43.2	35.6	53.4



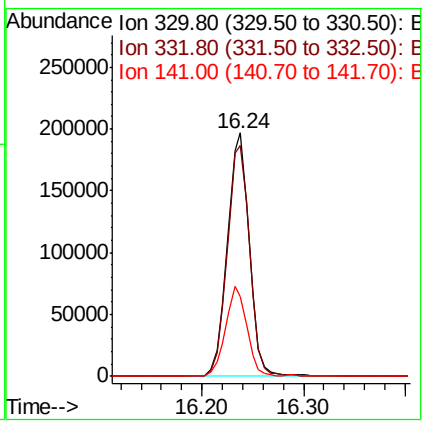


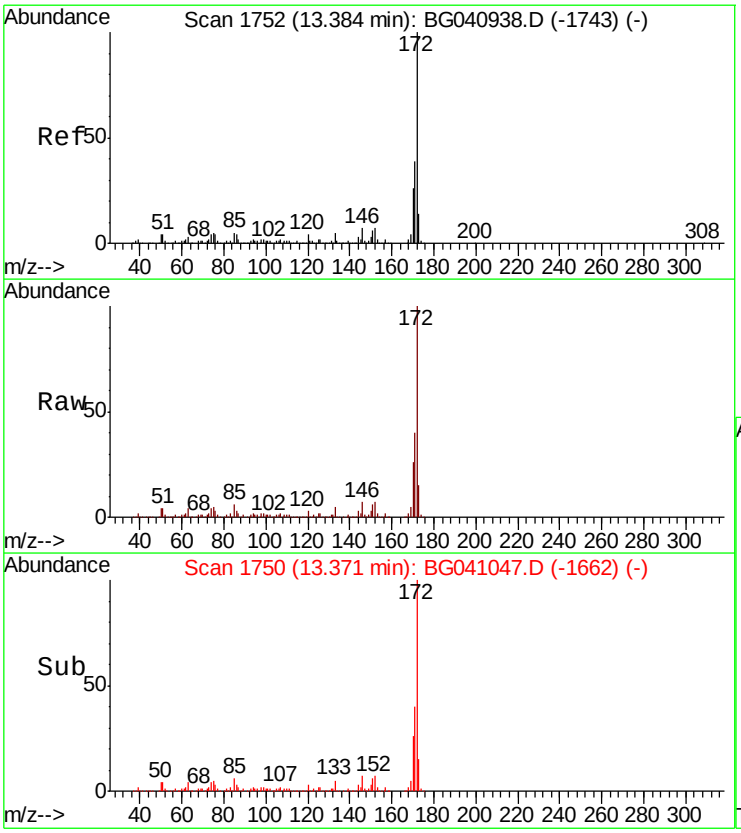
#42
2,4,6-Tribromophenol
Concen: 92.809 ng
RT: 16.24 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BG041047.D
Acq: 3 Jun 2019 23:13

Instrument :
BNA_G
ClientSampleId :
CL-02-053119-D

Tgt Ion:330 Resp: 294480

Ion	Ratio	Lower	Upper
330	100		
332	97.0	78.5	117.7
141	35.2	28.7	43.1

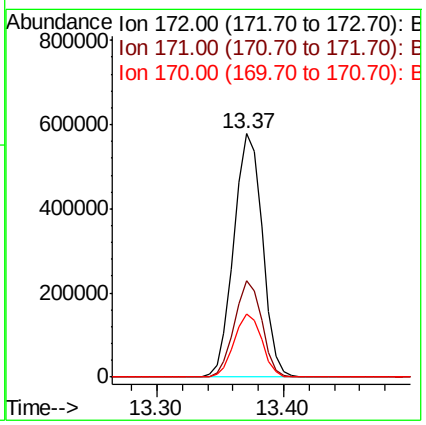


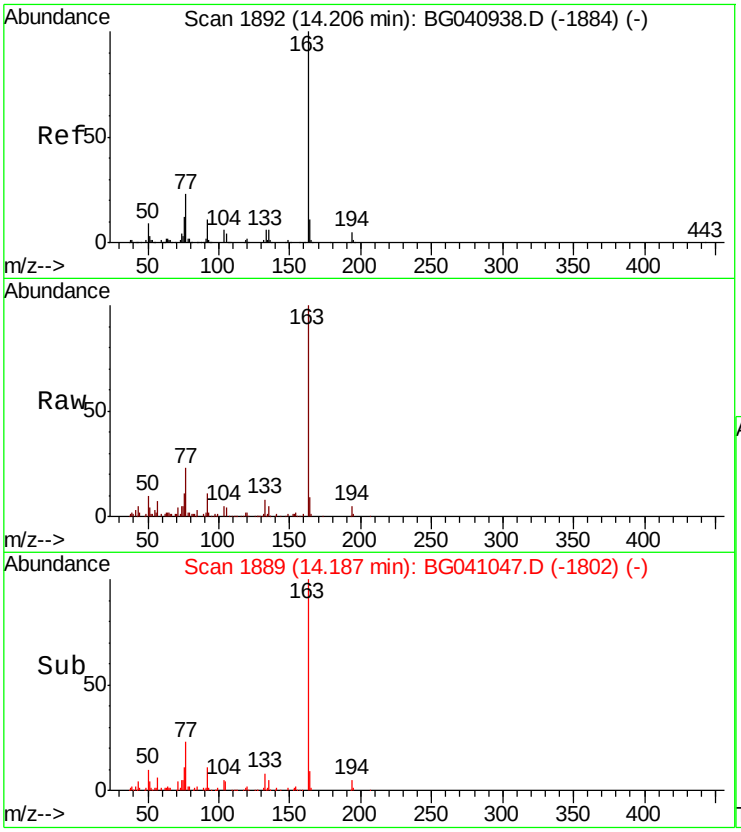


#45
2-Fluorobiphenyl
Concen: 60.791 ng
RT: 13.37 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BG041047.D
Acq: 3 Jun 2019 23:13

Tgt Ion:172 Resp: 902211

Ion	Ratio	Lower	Upper
172	100		
171	39.7	31.1	46.7
170	25.9	20.5	30.7



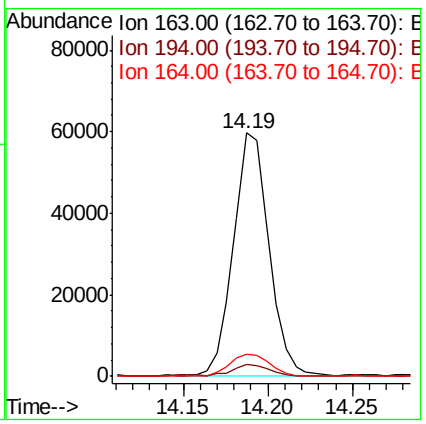


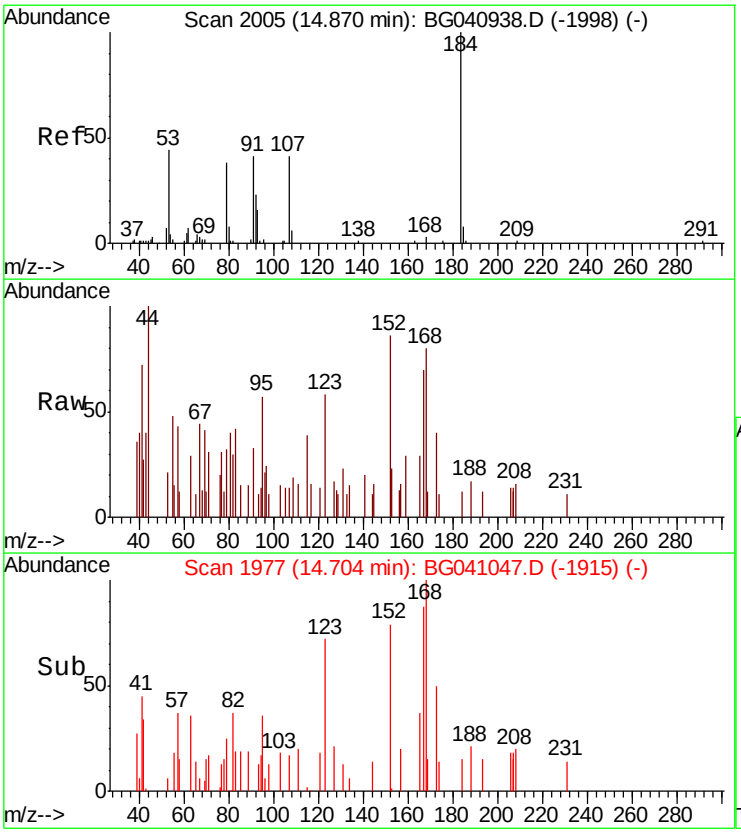
#50
Dimethylphthalate
Concen: 4.858 ng
RT: 14.19 min Scan# 1889
Delta R.T. -0.02 min
Lab File: BG041047.D
Acq: 3 Jun 2019 23:13

Instrument :
BNA_G
ClientSampleId :
CL-02-053119-D

Tgt Ion:163 Resp: 87893

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.8	5.8
164	9.2	8.7	13.1

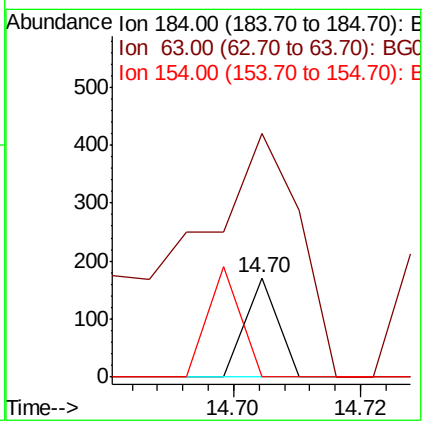


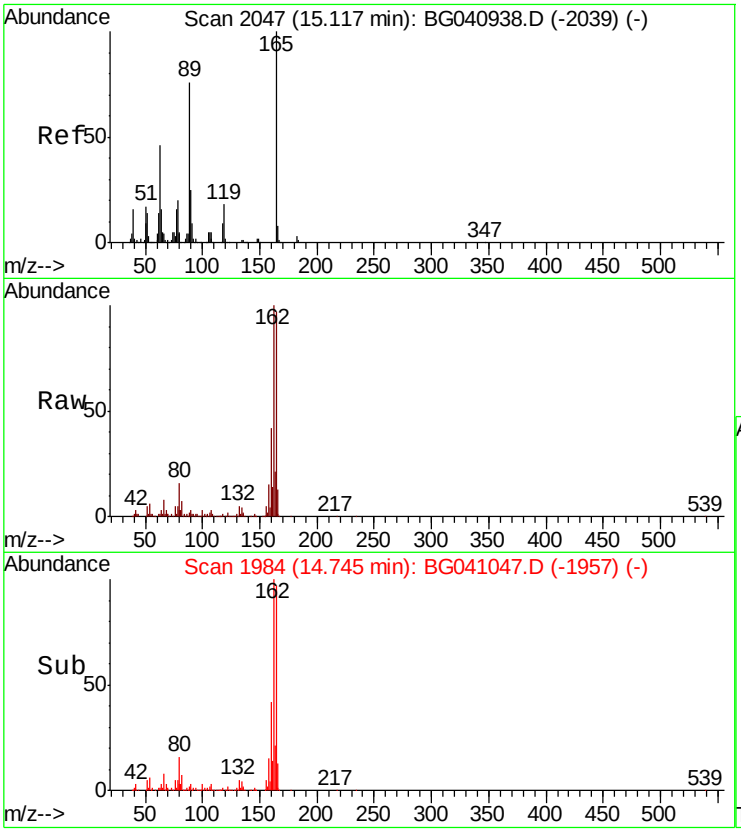


#54
2,4-Dinitrophenol
Concen: 8.288 ng
RT: 14.70 min Scan# 1977
Delta R.T. -0.17 min
Lab File: BG041047.D
Acq: 3 Jun 2019 23:13

Tgt Ion:184 Resp: 60

Ion	Ratio	Lower	Upper
184	100		
63	245.6	49.8	74.6#
154	0.0	52.2	78.4#



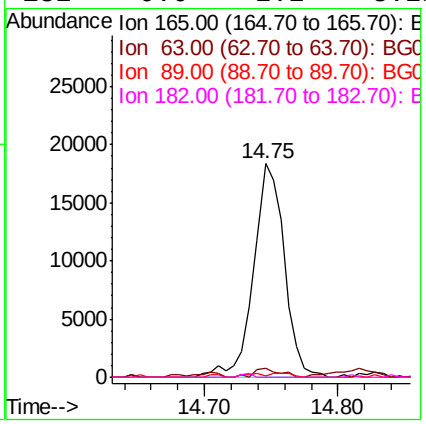


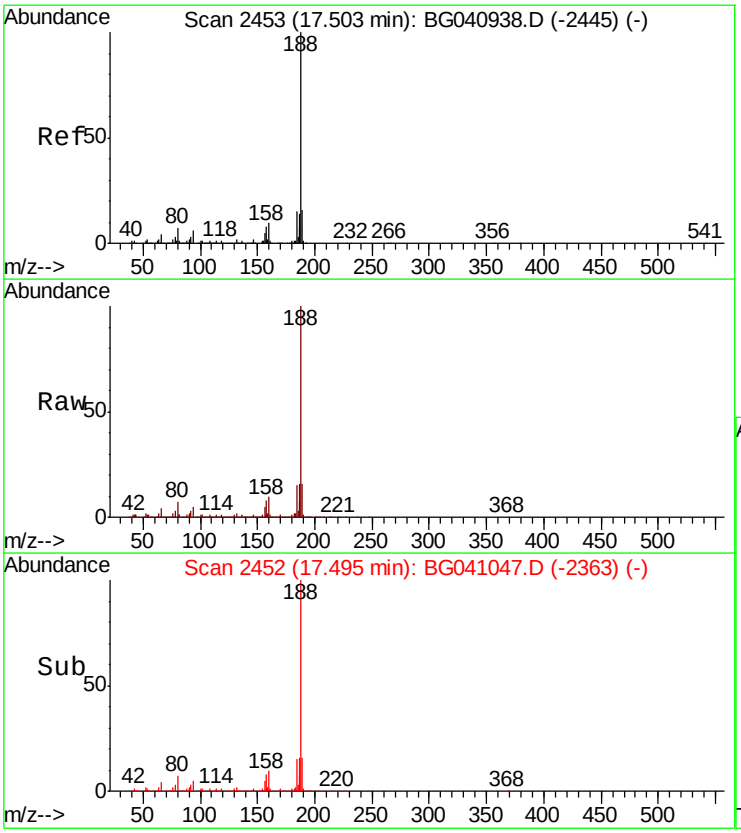
#57
2,4-Dinitrotoluene
Concen: 5.286 ng
RT: 14.75 min Scan# 1984
Delta R.T. -0.37 min
Lab File: BG041047.D
Acq: 3 Jun 2019 23:13

Instrument :
BNA_G
ClientSampleId :
CL-02-053119-D

Tgt Ion:165 Resp: 29125

Ion	Ratio	Lower	Upper
165	100		
63	4.3	37.3	55.9#
89	0.9	61.0	91.6#
182	0.0	2.2	3.2#

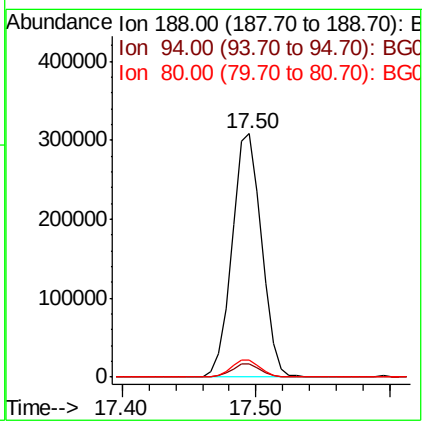


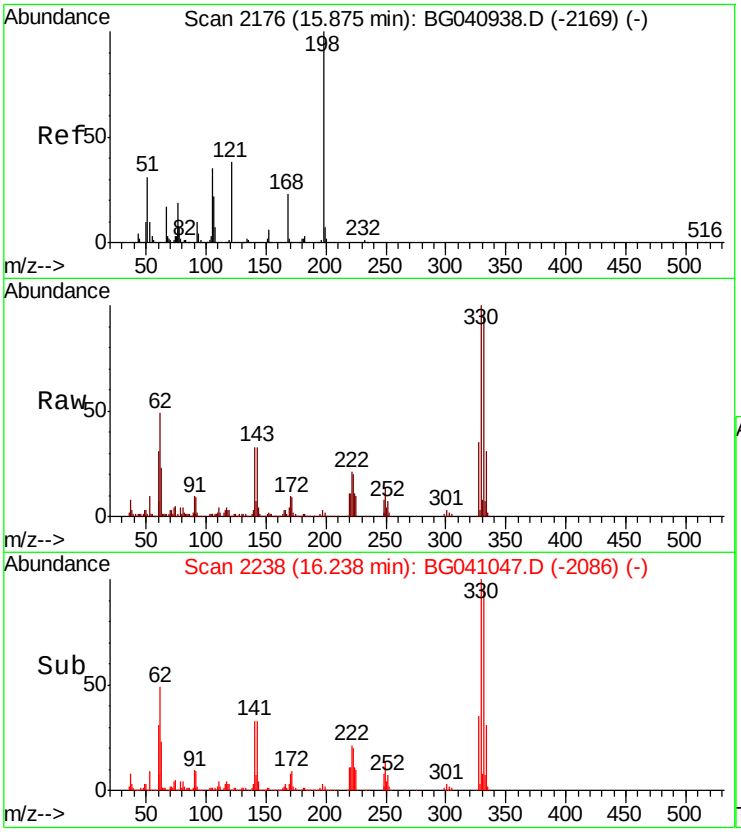


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2452
Delta R.T. -0.01 min
Lab File: BG041047.D
Acq: 3 Jun 2019 23:13

Tgt Ion:188 Resp: 471954

Ion	Ratio	Lower	Upper
188	100		
94	5.3	4.7	7.1
80	7.1	5.8	8.8



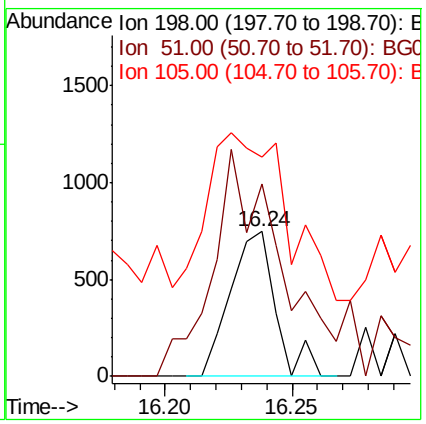


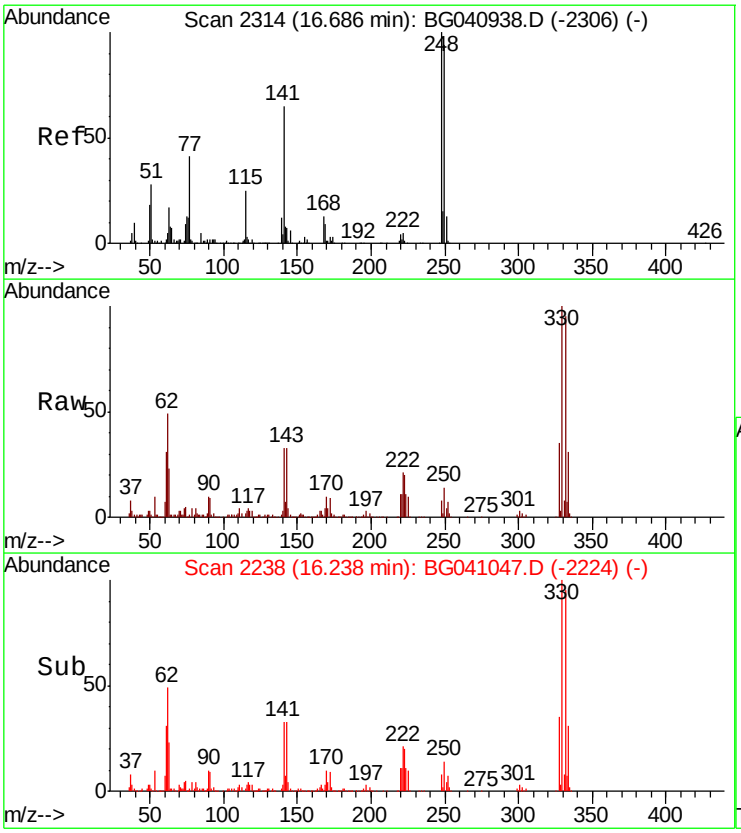
#65
4,6-Dinitro-2-methylphenol
Concen: 8.890 ng
RT: 16.24 min Scan# 2238
Delta R.T. 0.36 min
Lab File: BG041047.D
Acq: 3 Jun 2019 23:13

Instrument :
BNA_G
ClientSampleId :
CL-02-053119-D

Tgt Ion:198 Resp: 926

Ion	Ratio	Lower	Upper
198	100		
51	25.6	21.6	61.6
105	29.1	17.5	57.5

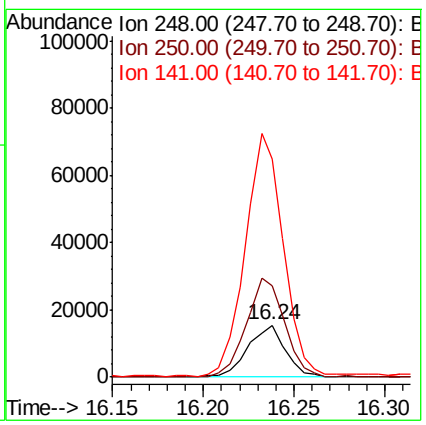


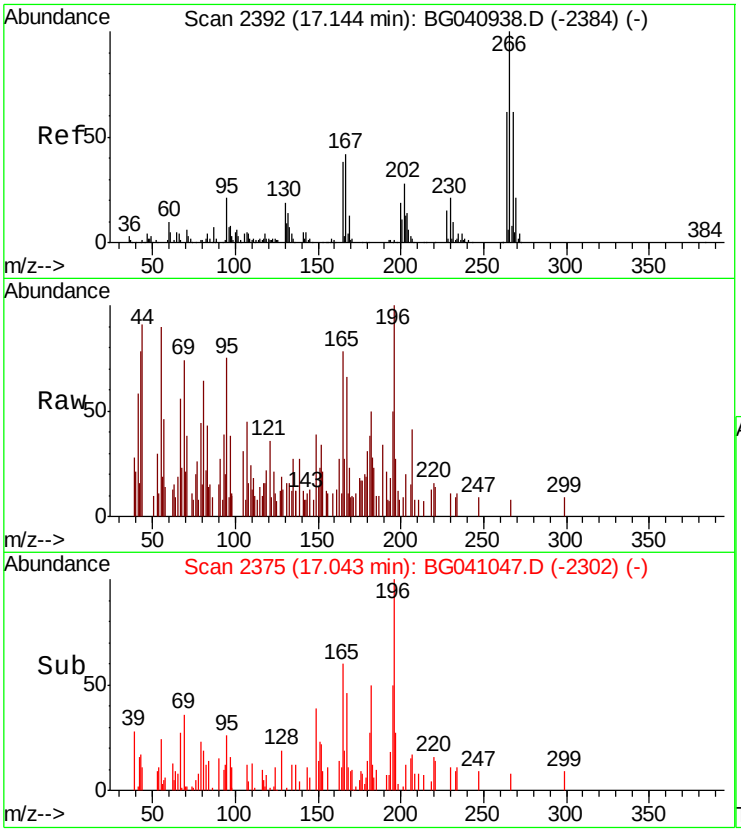


#67
4-Bromophenyl-phenylether
Concen: 3.464 ng
RT: 16.24 min Scan# 2238
Delta R.T. -0.45 min
Lab File: BG041047.D
Acq: 3 Jun 2019 23:13

Tgt Ion:248 Resp: 22060

Ion	Ratio	Lower	Upper
248	100		
250	177.3	75.0	112.4#
141	421.4	52.4	78.6#



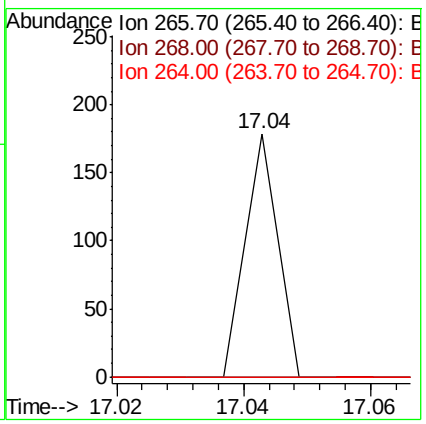


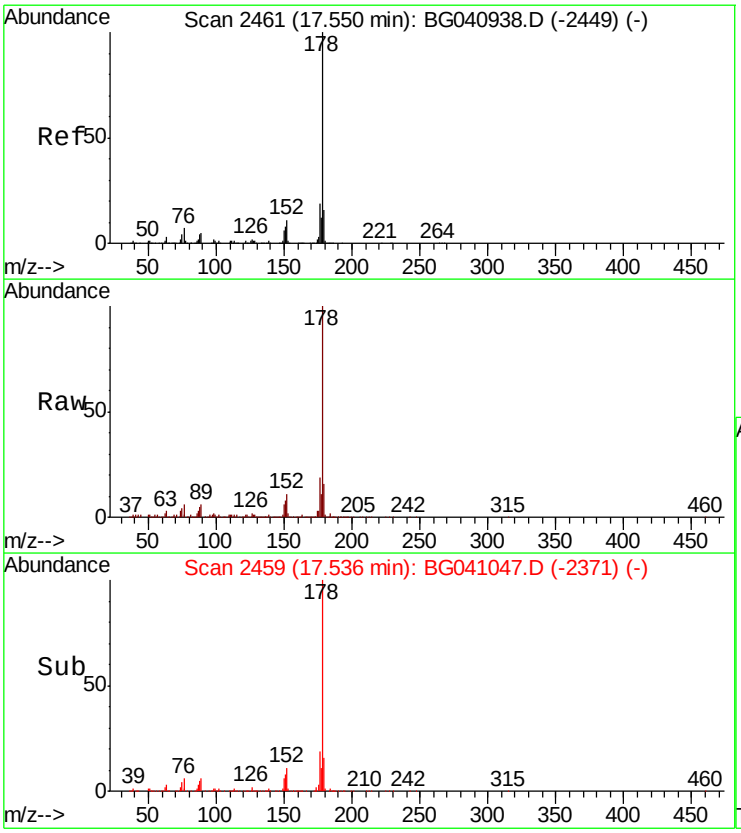
#70
Pentachlorophenol
Concen: 4.272 ng
RT: 17.04 min Scan# 2375
Delta R.T. -0.10 min
Lab File: BG041047.D
Acq: 3 Jun 2019 23:13

Instrument :
BNA_G
ClientSampleId :
CL-02-053119-D

Tgt Ion:266 Resp: 63

Ion	Ratio	Lower	Upper
266	100		
268	0.0	53.1	79.7#
264	0.0	49.9	74.9#

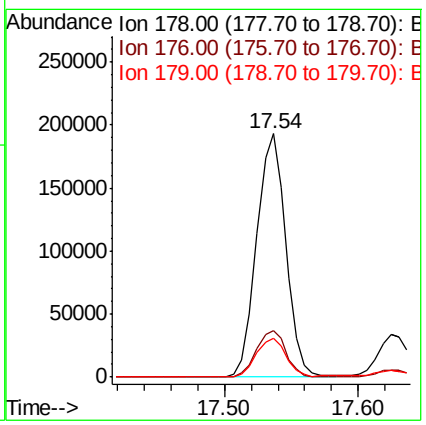


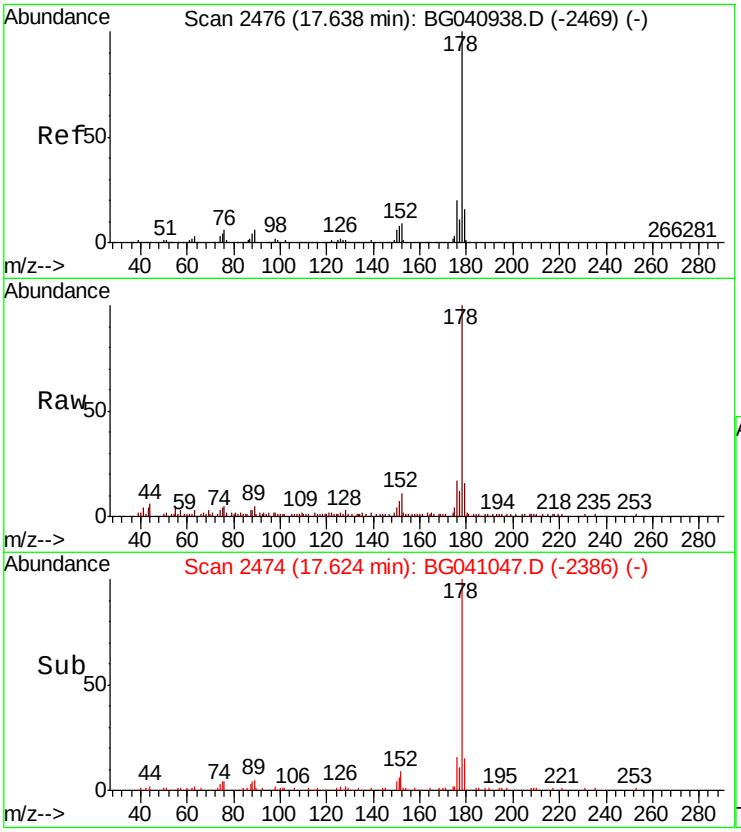


#71
Phenanthrene
Concen: 11.804 ng
RT: 17.54 min Scan# 2459
Delta R.T. -0.01 min
Lab File: BG041047.D
Acq: 3 Jun 2019 23:13

Tgt Ion:178 Resp: 290179

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.5	23.3
179	16.0	12.7	19.1



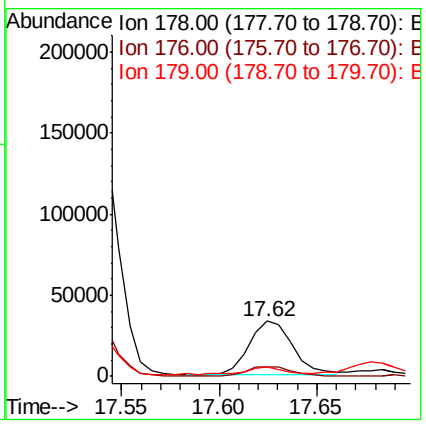


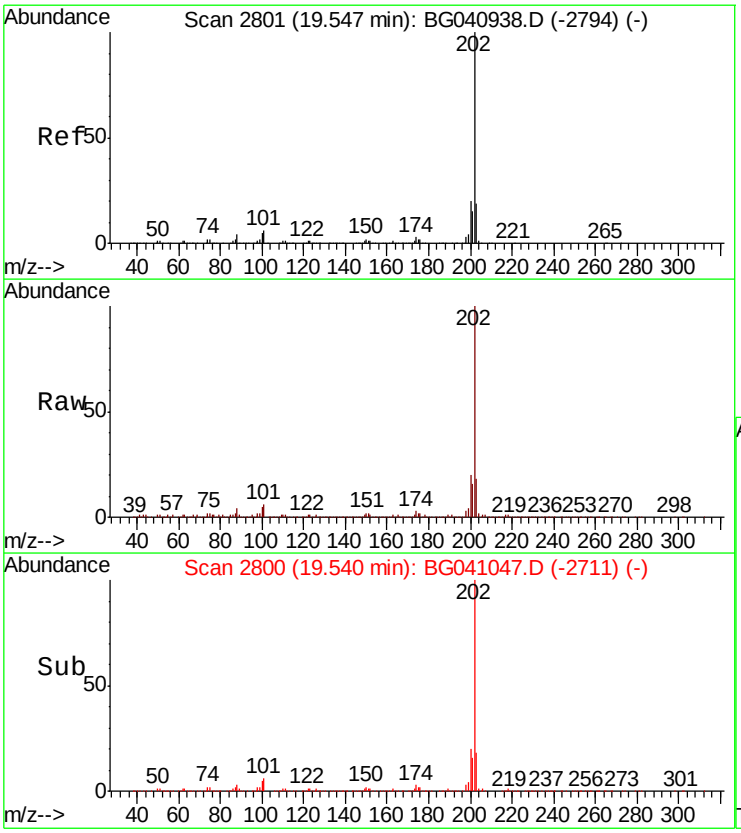
#72
Anthracene
Concen: 2.127 ng
RT: 17.62 min Scan# 2474
Delta R.T. -0.01 min
Lab File: BG041047.D
Acq: 3 Jun 2019 23:13

Instrument :
BNA_G
ClientSampleId :
CL-02-053119-D

Tgt Ion:178 Resp: 51579

Ion	Ratio	Lower	Upper
178	100		
176	16.9	15.6	23.4
179	15.9	13.0	19.4

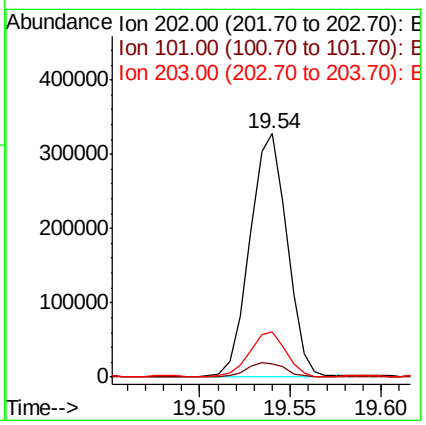


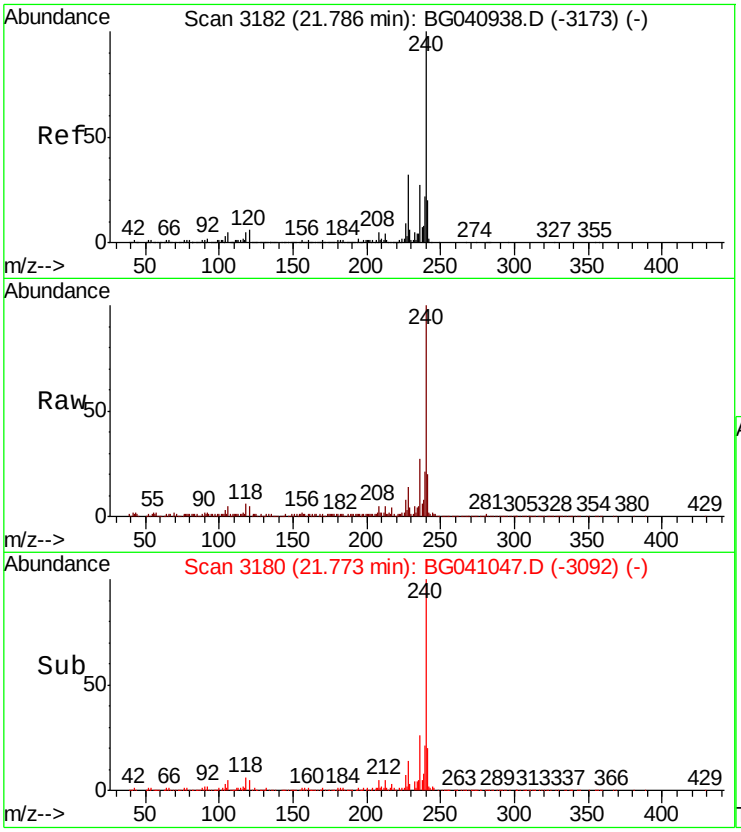


#75
Fluoranthene
Concen: 15.271 ng
RT: 19.54 min Scan# 2800
Delta R.T. -0.01 min
Lab File: BG041047.D
Acq: 3 Jun 2019 23:13

Tgt Ion:202 Resp: 463686

Ion	Ratio	Lower	Upper
202	100		
101	5.7	0.0	26.2
203	18.4	0.0	38.7



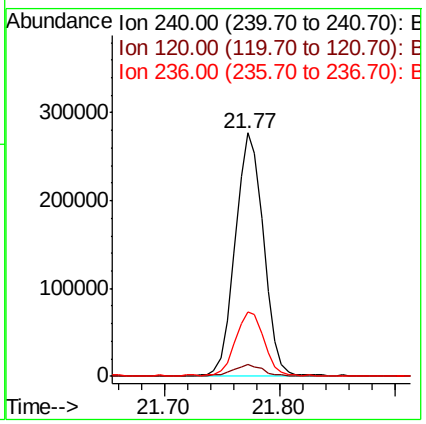


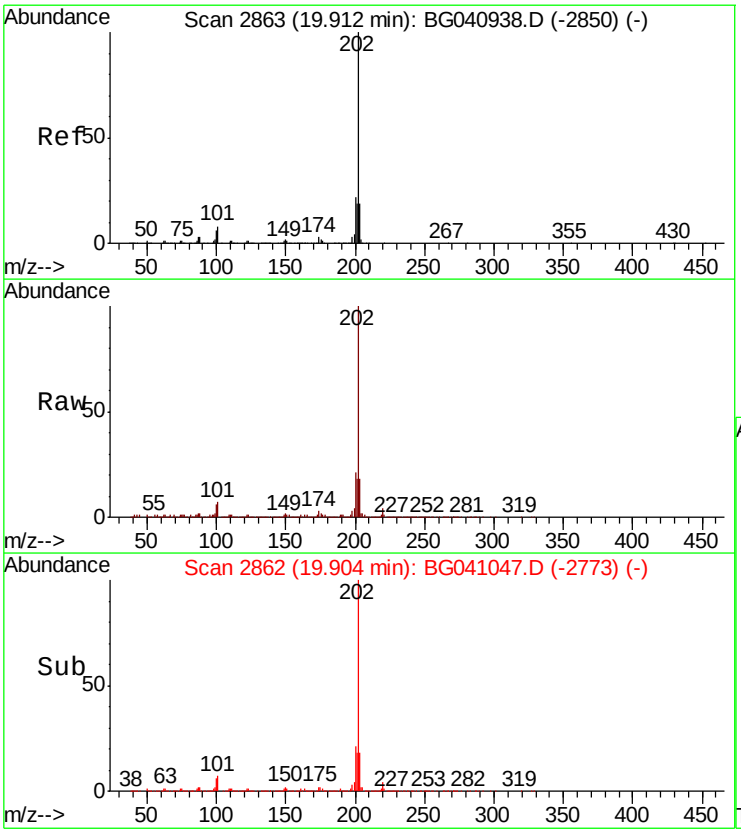
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3180
Delta R.T. -0.01 min
Lab File: BG041047.D
Acq: 3 Jun 2019 23:13

Instrument :
BNA_G
ClientSampleId :
CL-02-053119-D

Tgt Ion:240 Resp: 465698

Ion	Ratio	Lower	Upper
240	100		
120	5.0	4.5	6.7
236	26.5	21.3	31.9

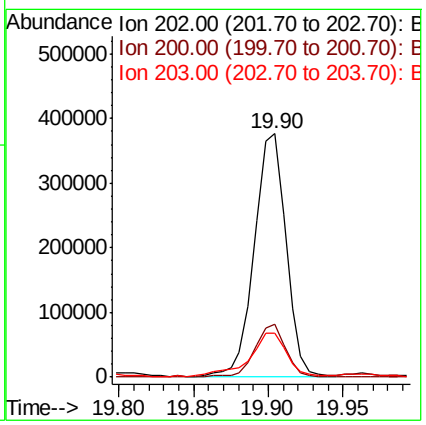


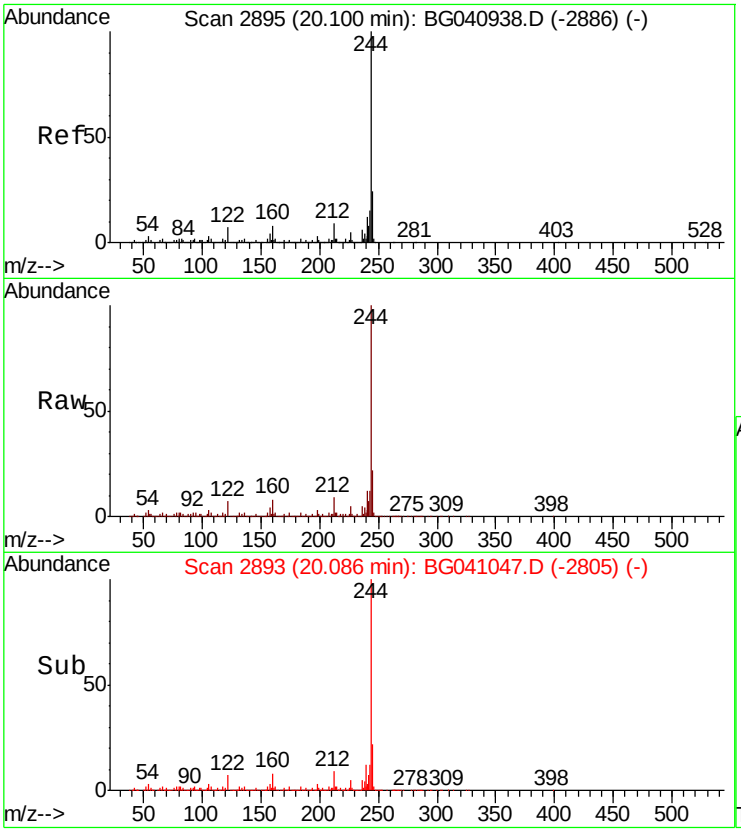


#78
Pyrene
Concen: 18.018 ng
RT: 19.90 min Scan# 2862
Delta R.T. -0.01 min
Lab File: BG041047.D
Acq: 3 Jun 2019 23:13

Tgt Ion:202 Resp: 545473

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.5	26.3
203	18.2	15.6	23.4



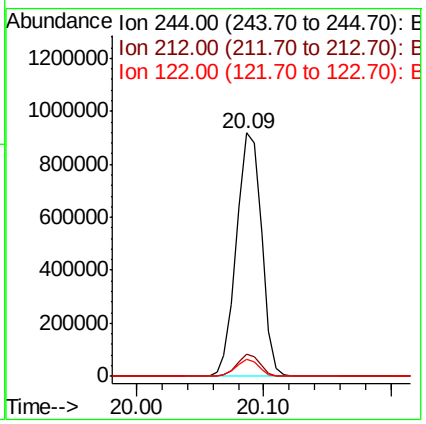


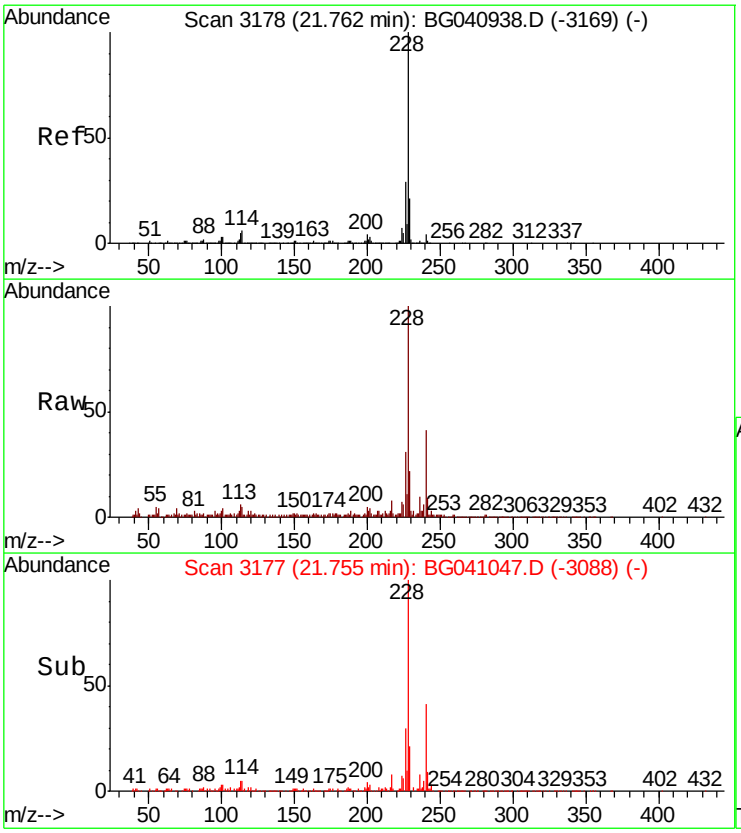
#79
Terphenyl-d14
Concen: 57.245 ng
RT: 20.09 min Scan# 2893
Delta R.T. -0.01 min
Lab File: BG041047.D
Acq: 3 Jun 2019 23:13

Instrument :
BNA_G
ClientSampleId :
CL-02-053119-D

Tgt Ion:244 Resp: 1256108

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.0	10.4
122	7.1	5.4	8.0

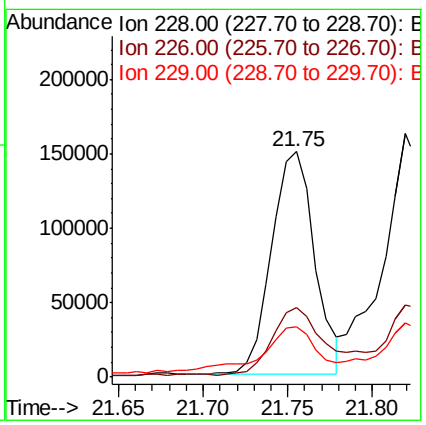


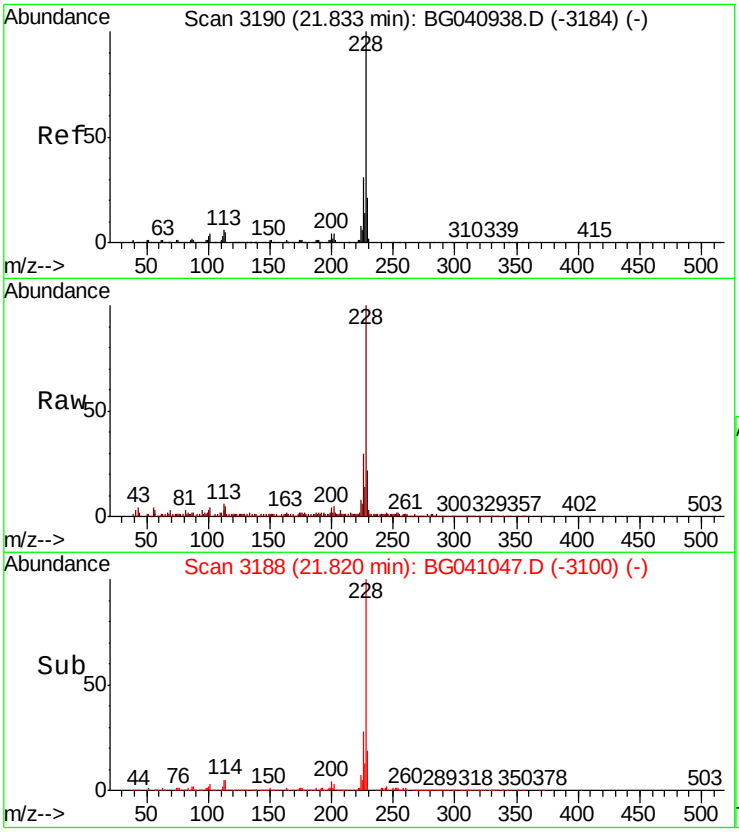


#81
Benzo(a)anthracene
Concen: 8.548 ng
RT: 21.75 min Scan# 3177
Delta R.T. -0.01 min
Lab File: BG041047.D
Acq: 3 Jun 2019 23:13

Tgt Ion:228 Resp: 264993

Ion	Ratio	Lower	Upper
228	100		
226	31.2	23.5	35.3
229	22.1	16.7	25.1



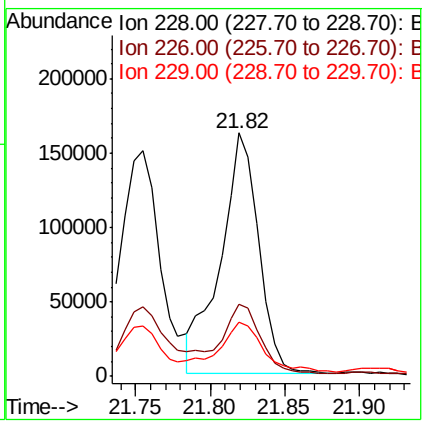


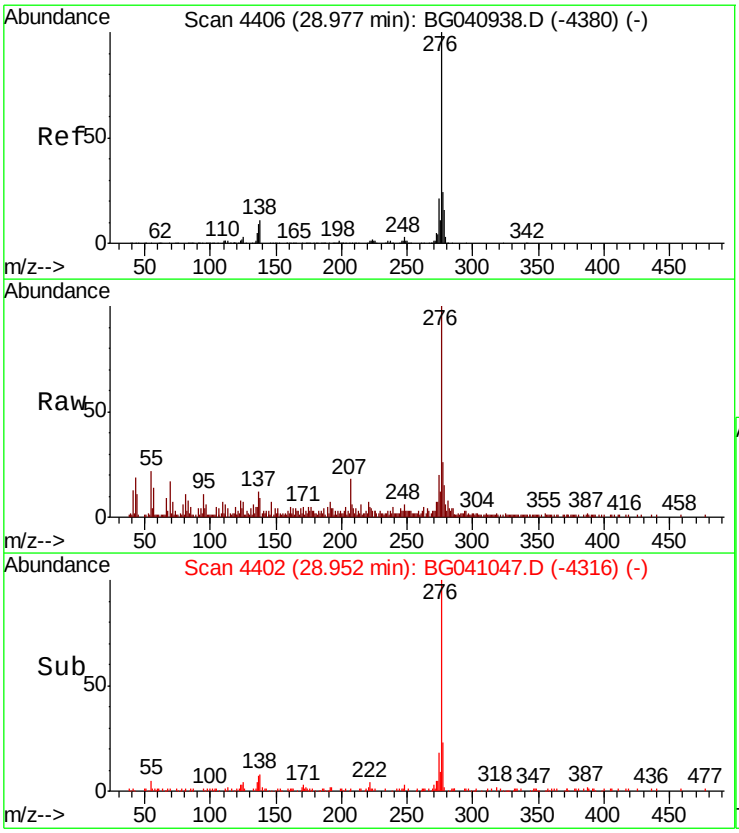
#83
Chrysene
Concen: 9.713 ng
RT: 21.82 min Scan# 3188
Delta R.T. -0.01 min
Lab File: BG041047.D
Acq: 3 Jun 2019 23:13

Instrument :
BNA_G
ClientSampleId :
CL-02-053119-D

Tgt Ion:228 Resp: 288154

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.6	37.0
229	22.2	16.6	24.8

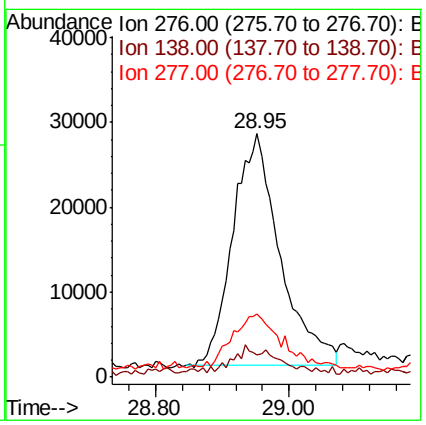


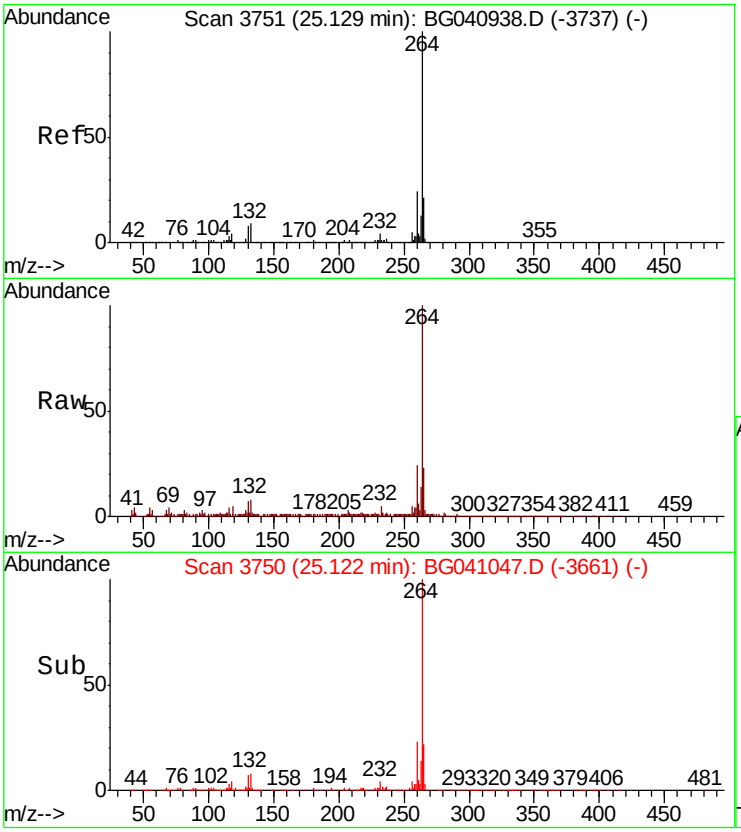


#86
Indeno(1,2,3-cd)pyrene
Concen: 3.640 ng
RT: 28.95 min Scan# 4402
Delta R.T. -0.03 min
Lab File: BG041047.D
Acq: 3 Jun 2019 23:13

Tgt Ion:276 Resp: 132284

Ion	Ratio	Lower	Upper
276	100		
138	5.5	5.7	8.5#
277	25.3	20.8	31.2



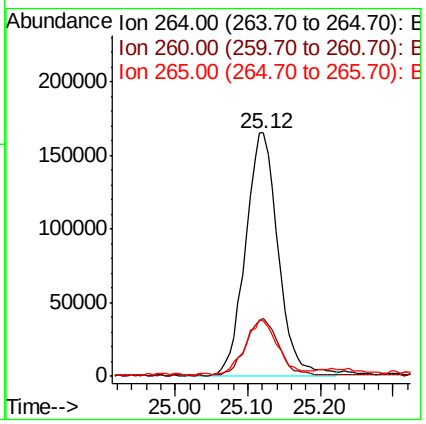


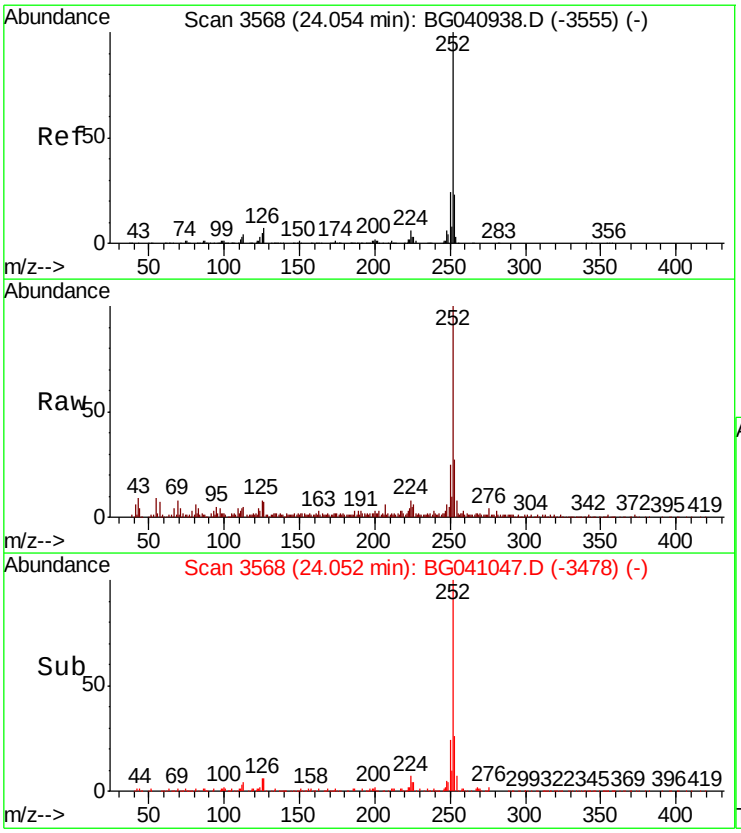
#87
Perylene-d12
Concen: 20.000 ng
RT: 25.12 min Scan# 3750
Delta R.T. -0.01 min
Lab File: BG041047.D
Acq: 3 Jun 2019 23:13

Instrument :
BNA_G
ClientSampleId :
CL-02-053119-D

Tgt Ion:264 Resp: 511985

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.4
265	22.8	17.0	25.4

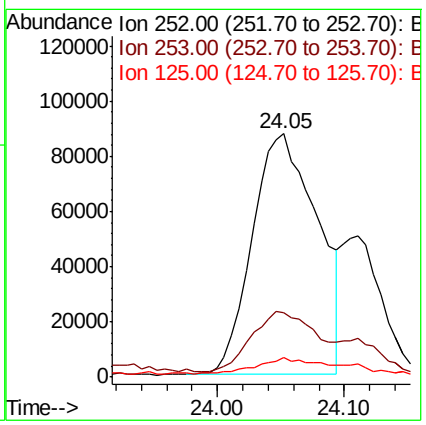


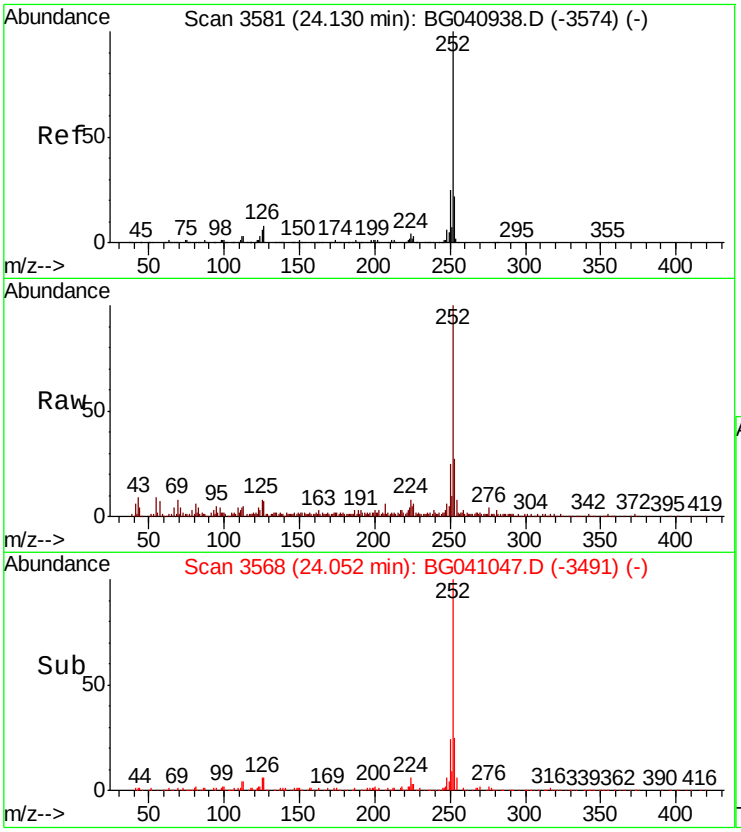


#88
Benzo(b)fluoranthene
Concen: 10.079 ng
RT: 24.05 min Scan# 3568
Delta R.T. -0.00 min
Lab File: BG041047.D
Acq: 3 Jun 2019 23:13

Tgt Ion:252 Resp: 313004

Ion	Ratio	Lower	Upper
252	100		
253	26.6	18.4	27.6
125	8.1	4.3	6.5#



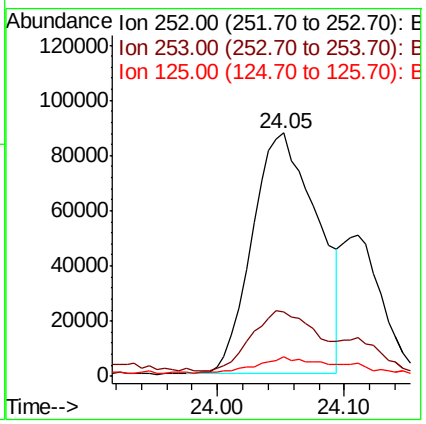


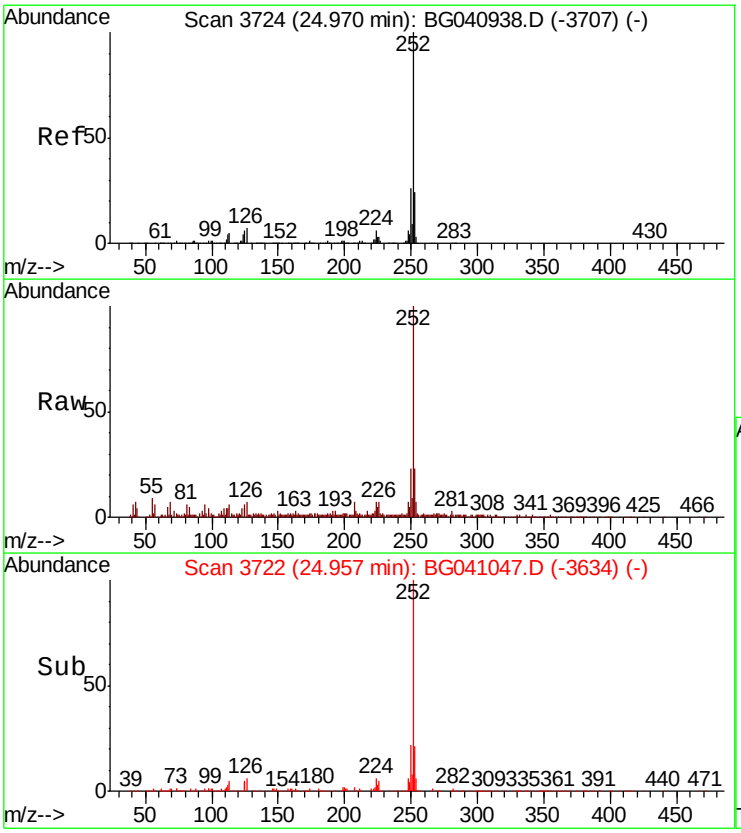
#89
Benzo(k)fluoranthene
Concen: 10.186 ng
RT: 24.05 min Scan# 3568
Delta R.T. -0.08 min
Lab File: BG041047.D
Acq: 3 Jun 2019 23:13

Instrument :
BNA_G
ClientSampleId :
CL-02-053119-D

Tgt Ion:252 Resp: 313004

Ion	Ratio	Lower	Upper
252	100		
253	26.6	17.8	26.6
125	8.1	4.7	7.1#

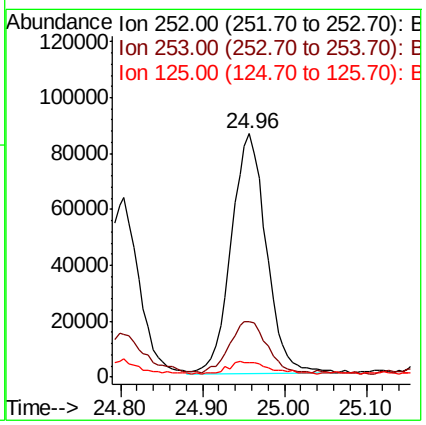


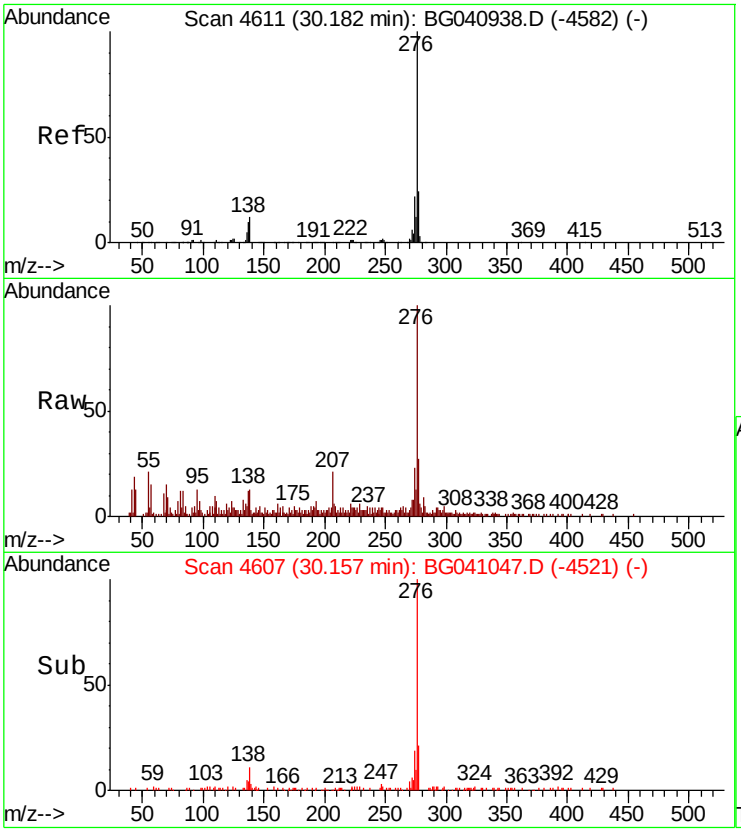


#90
Benzo(a)pyrene
Concen: 8.596 ng
RT: 24.96 min Scan# 3722
Delta R.T. -0.01 min
Lab File: BG041047.D
Acq: 3 Jun 2019 23:13

Tgt Ion:252 Resp: 254668

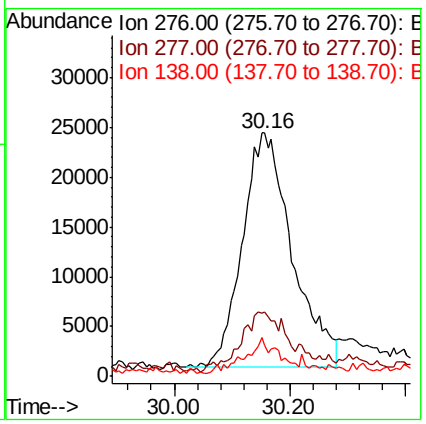
Ion	Ratio	Lower	Upper
252	100		
253	22.6	19.5	29.3
125	6.1	5.1	7.7





#92
Benzo(g,h,i)perylene
Concen: 4.924 ng
RT: 30.16 min Scan# 4607
Delta R.T. -0.03 min
Lab File: BG041047.D
Acq: 3 Jun 2019 23:13

Instrument :
BNA_G
ClientSampleId :
CL-02-053119-D

Tgt Ion:276 Resp: 141627

Ion	Ratio	Lower	Upper
276	100		
277	26.6	19.4	29.0
138	15.7	9.7	14.5#