Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG061019\
Data File : BG041177.D
Acq On : 10 Jun 2019 23:59
Operator : HP/JU
Sample : K3189-02DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-7B

Quant Time: Jun 11 03:52:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 23:08:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	46642	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	204959	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	142345	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	336624	20.00	ng		0.00
76) Chrysene-d12	21.76	240	329296	20.00	ng		0.00
87) Perylene-d12	25.09	264	353829	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	57740	22.32	ng		0.00
7) Phenol-d6	7.25	99	91347	22.87	ng		0.00
23) Nitrobenzene-d5	9.28	82	63270	13.70	ng		0.00
42) 2,4,6-Tribromophenol	16.22	330	42349	20.04	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	136139	13.77	ng		0.00
79) Terphenyl-d14	20.08	244	212061	13.67	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.28	70	8284	2.695	ng	#	71
32) Benzoic acid	10.12	122	54	8.148	ng	#	1
41) Hexachlorocyclopentadiene	12.87	237	55	8.251	ng	#	26
49) Acenaphthylene	14.47	152	33639	2.471	ng		96
51) 2,6-Dinitrotoluene	14.74	165	19499	7.505	ng	#	20
52) Acenaphthene	14.80	154	17848	2.164	ng		92
54) 2,4-Dinitrophenol	15.30	184	59	8.305	ng	#	18
55) Dibenzofuran	15.14	168	35311	2.544	ng		98
56) 4-Nitrophenol	15.14	139	14021	7.868	ng	#	1
57) 2,4-Dinitrotoluene	14.74	165	19499	5.313	ng	#	23
58) Fluorene	15.78	166	39695	3.592	ng		99
65) 4,6-Dinitro-2-methylphenol	15.64	198	60	8.617	ng	#	36
70) Pentachlorophenol	17.14	266	850	4.566	ng	#	51
71) Phenanthrene	17.53	178	900011	51.329	ng		98
72) Anthracene	17.62	178	209401	12.109	ng		100
73) Carbazole	17.89	167	96721	6.518	ng		99
75) Fluoranthene	19.53	202	1444702	66.706	ng		97
78) Pyrene	19.89	202	1173048	54.799	ng		99
81) Benzo(a)anthracene	21.74	228	740488	33.781	ng		98
83) Chrysene	21.81	228	644092	30.705	ng		97
86) Indeno(1,2,3-cd)pyrene	28.91	276	295013	11.481	ng	#	96
88) Benzo(b)fluoranthene	24.03	252	747510	34.831	ng		99
89) Benzo(k)fluoranthene	24.03	252	747510	35.198	ng		99
90) Benzo(a)pyrene	24.93	252	523347	25.560	ng		97
91) Dibenzo(a,h)anthracene	29.42	278	59031	2.885	ng		96
92) Benzo(g,h,i)perylene	30.12	276	246302	12.392	ng		98

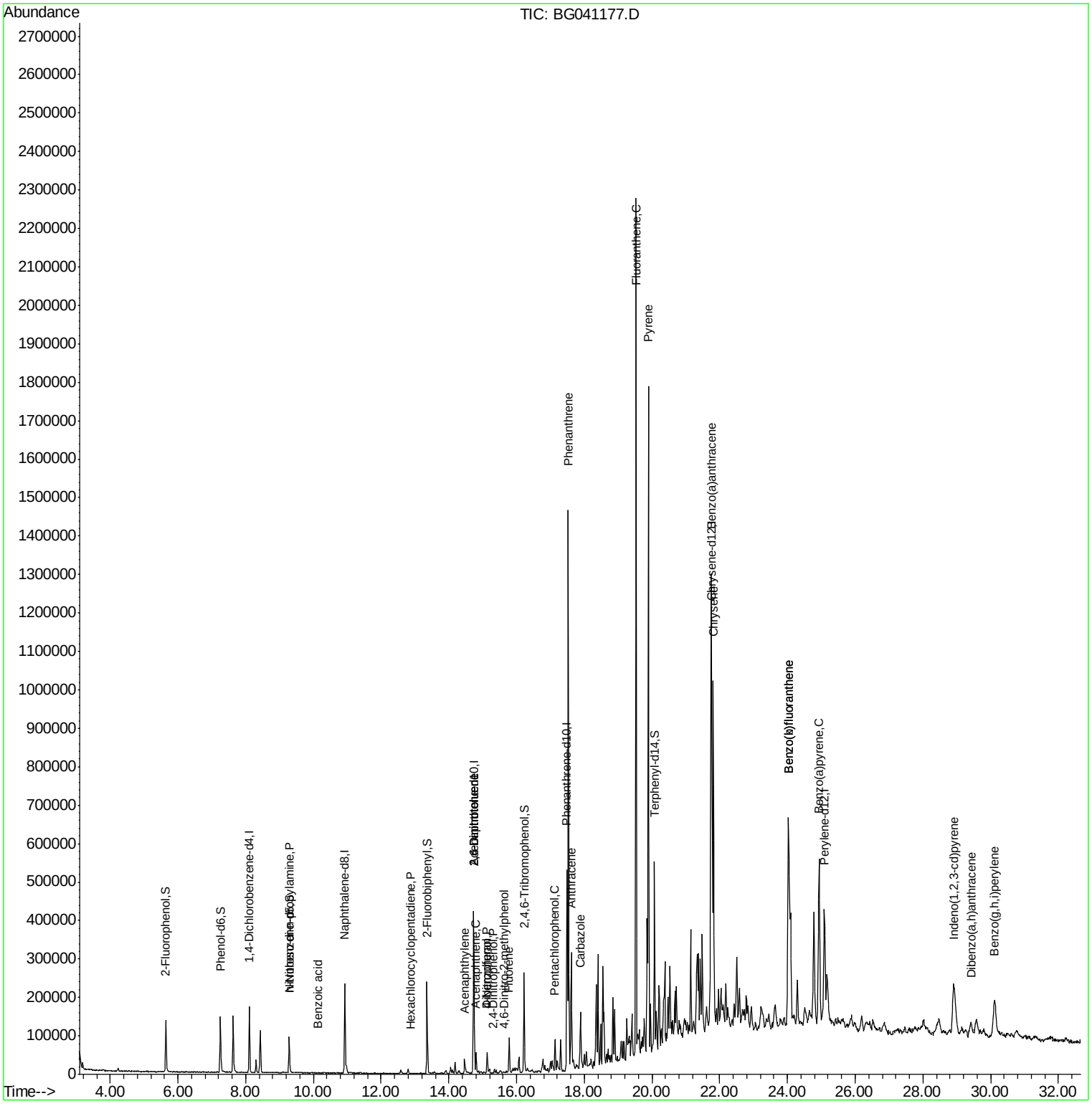
(#) = qualifier out of range (m) = manual integration (+) = signals summed

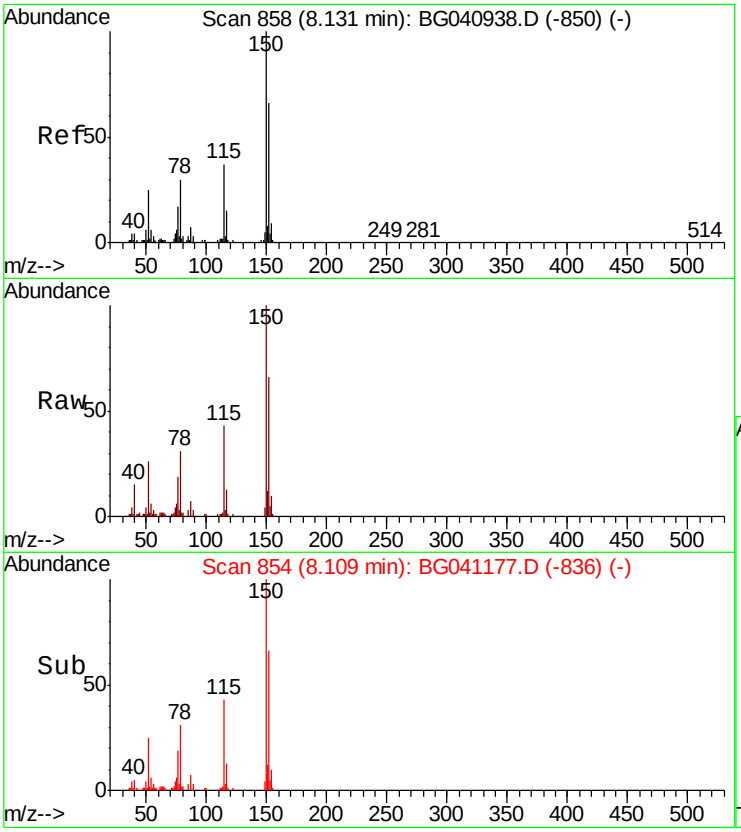
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG061019\
Data File : BG041177.D
Acq On : 10 Jun 2019 23:59
Operator : HP/JU
Sample : K3189-02DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S-7B

Quant Time: Jun 11 03:52:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 23:08:34 2019
Response via : Initial Calibration



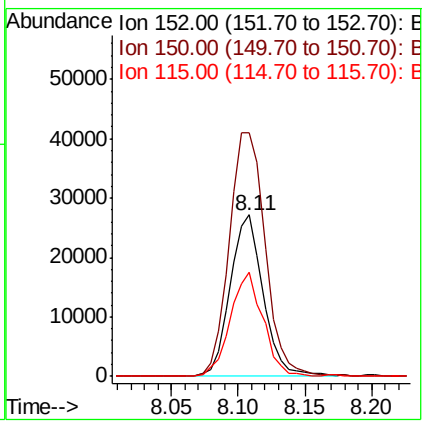


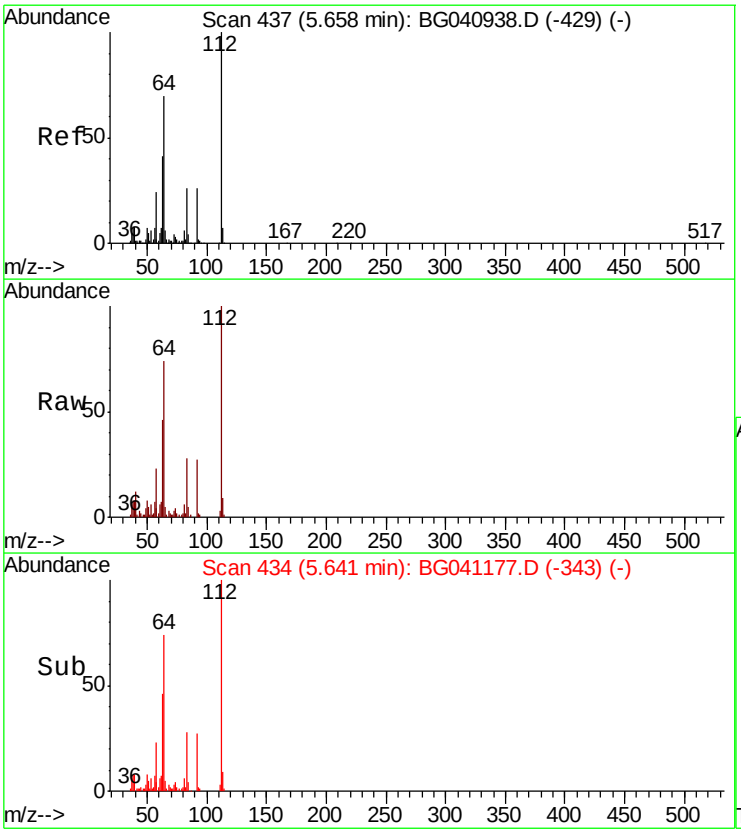
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BG041177.D
Acq: 10 Jun 2019 23:59

Instrument :
BNA_G
ClientSampleId :
S-7B

Tgt Ion:152 Resp: 46642

Ion	Ratio	Lower	Upper
152	100		
150	151.1	120.6	180.8
115	64.6	45.1	67.7

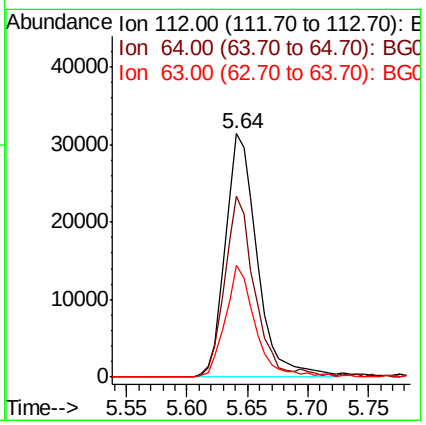


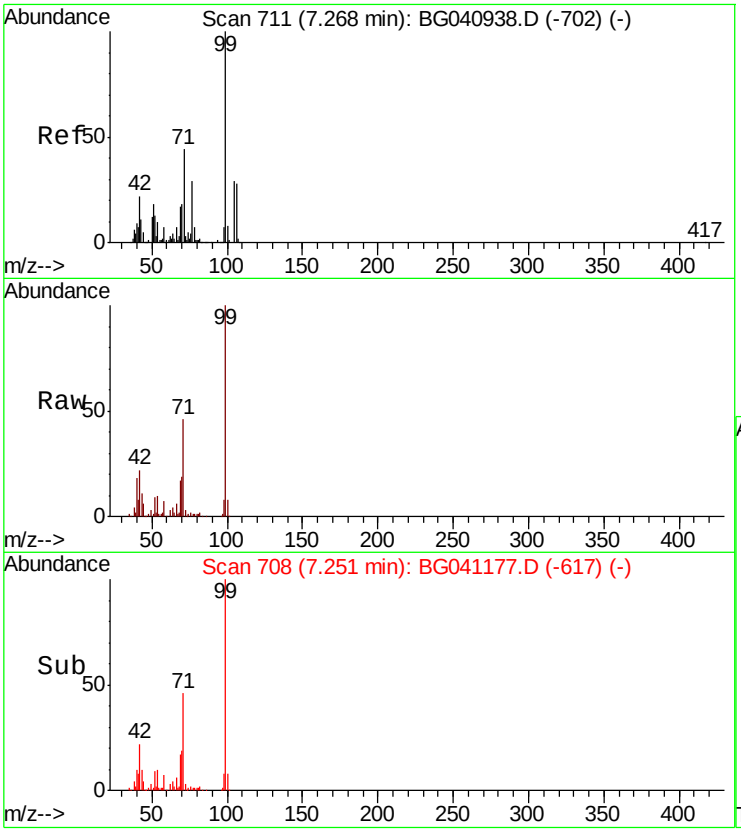


#5
2-Fluorophenol
Concen: 22.323 ng
RT: 5.64 min Scan# 434
Delta R.T. 0.00 min
Lab File: BG041177.D
Acq: 10 Jun 2019 23:59

Tgt Ion:112 Resp: 57740

Ion	Ratio	Lower	Upper
112	100		
64	74.3	56.2	84.2
63	46.1	32.8	49.2



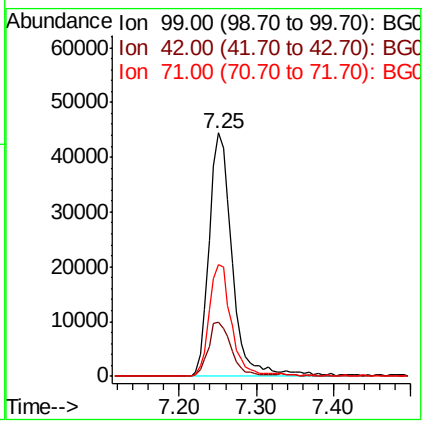


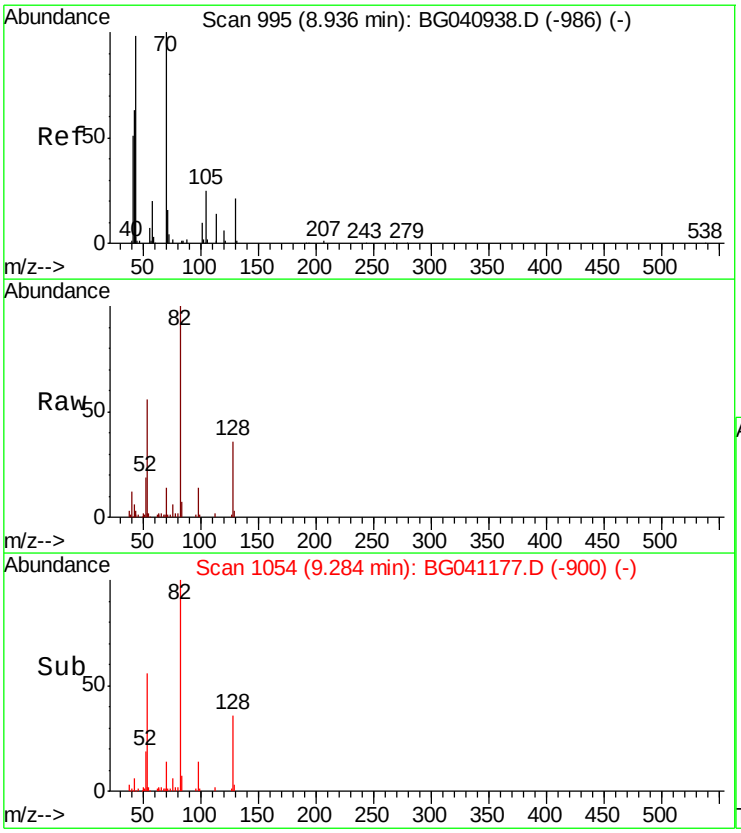
#7
Phenol-d6
Concen: 22.867 ng
RT: 7.25 min Scan# 708
Delta R.T. 0.00 min
Lab File: BG041177.D
Acq: 10 Jun 2019 23:59

Instrument :
BNA_G
ClientSampleId :
S-7B

Tgt Ion: 99 Resp: 91347

Ion	Ratio	Lower	Upper
99	100		
42	22.2	17.9	26.9
71	45.8	35.4	53.0

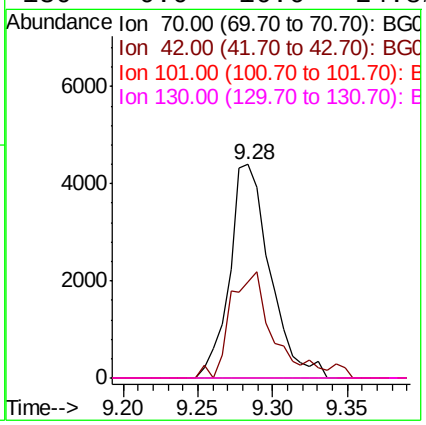


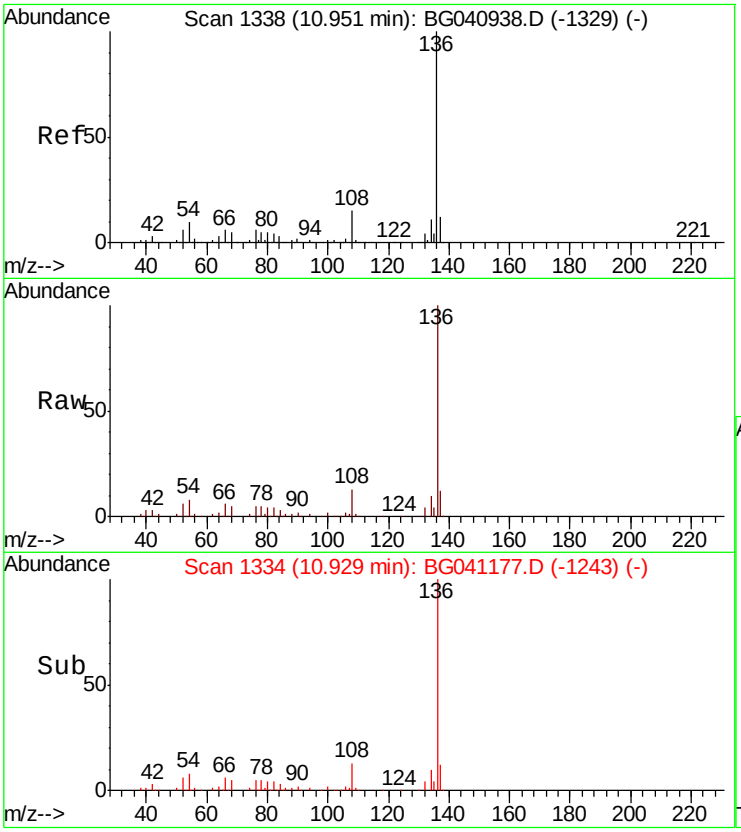


#19
n-Nitroso-di-n-propylamine
Concen: 2.695 ng
RT: 9.28 min Scan# 1054
Delta R.T. 0.37 min
Lab File: BG041177.D
Acq: 10 Jun 2019 23:59

Tgt Ion: 70 Resp: 8284

Ion	Ratio	Lower	Upper
70	100		
42	45.0	51.5	77.3#
101	0.0	8.1	12.1#
130	0.0	16.6	24.8#



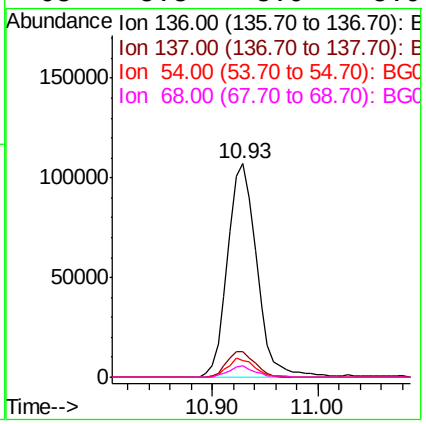


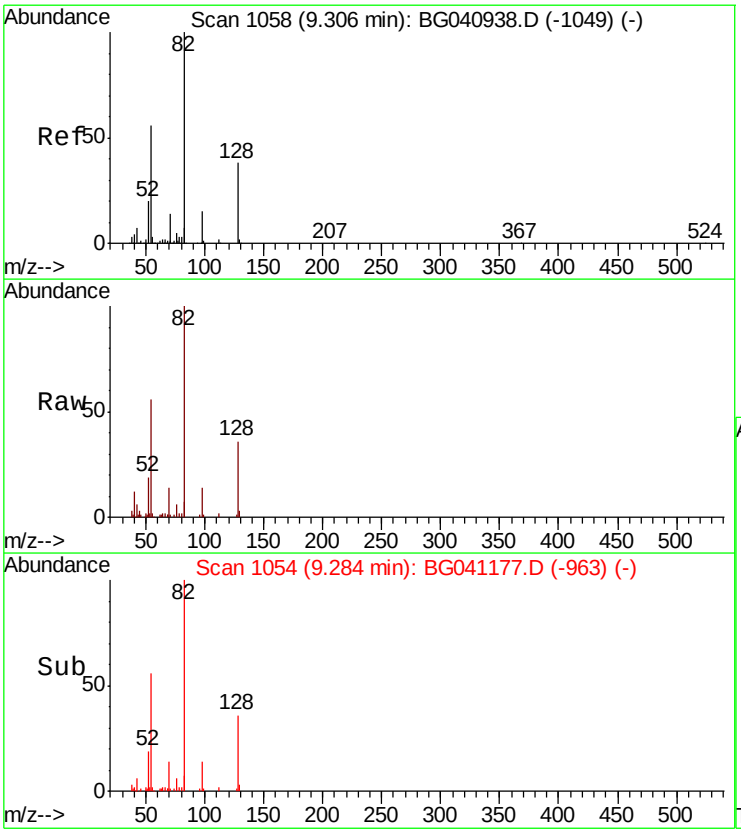
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BG041177.D
Acq: 10 Jun 2019 23:59

Instrument :
BNA_G
ClientSampleId :
S-7B

Tgt Ion:136 Resp: 204959

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.5	14.3
54	8.0	7.6	11.4
68	5.3	3.9	5.9

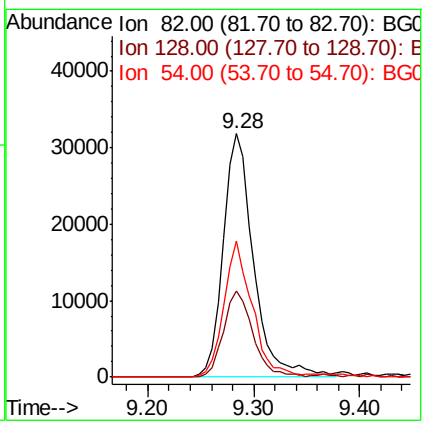


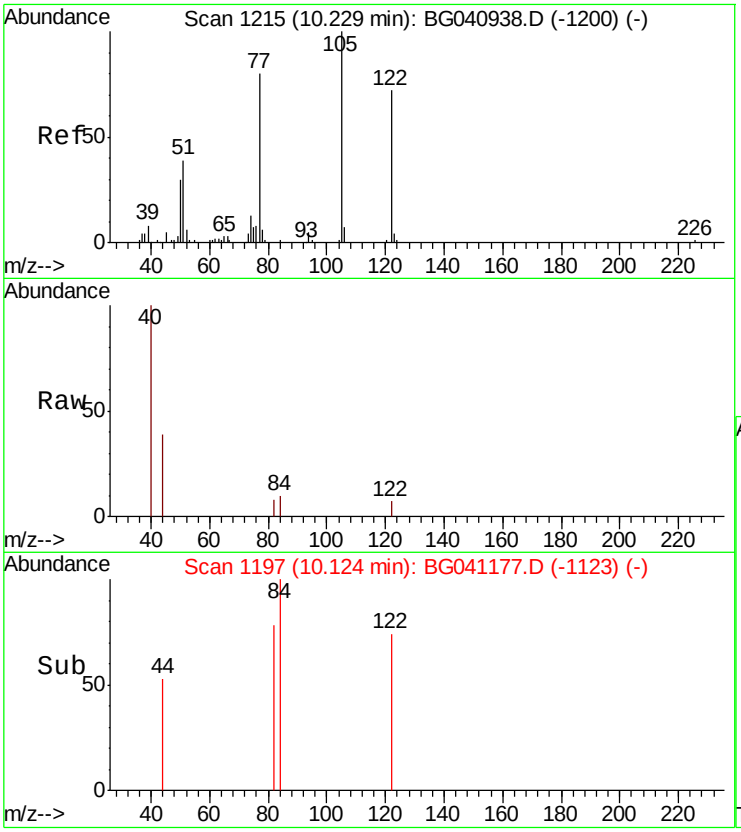


#23
Nitrobenzene-d5
Concen: 13.704 ng
RT: 9.28 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BG041177.D
Acq: 10 Jun 2019 23:59

Tgt Ion: 82 Resp: 63270

Ion	Ratio	Lower	Upper
82	100		
128	35.6	30.5	45.7
54	56.1	44.6	66.8



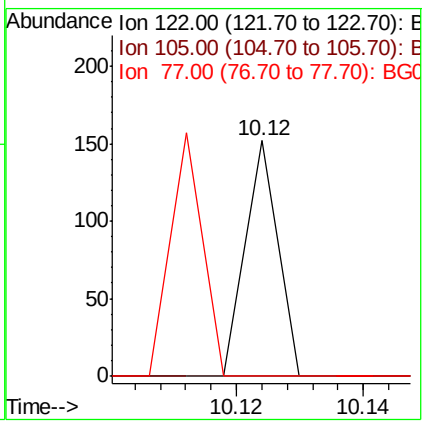


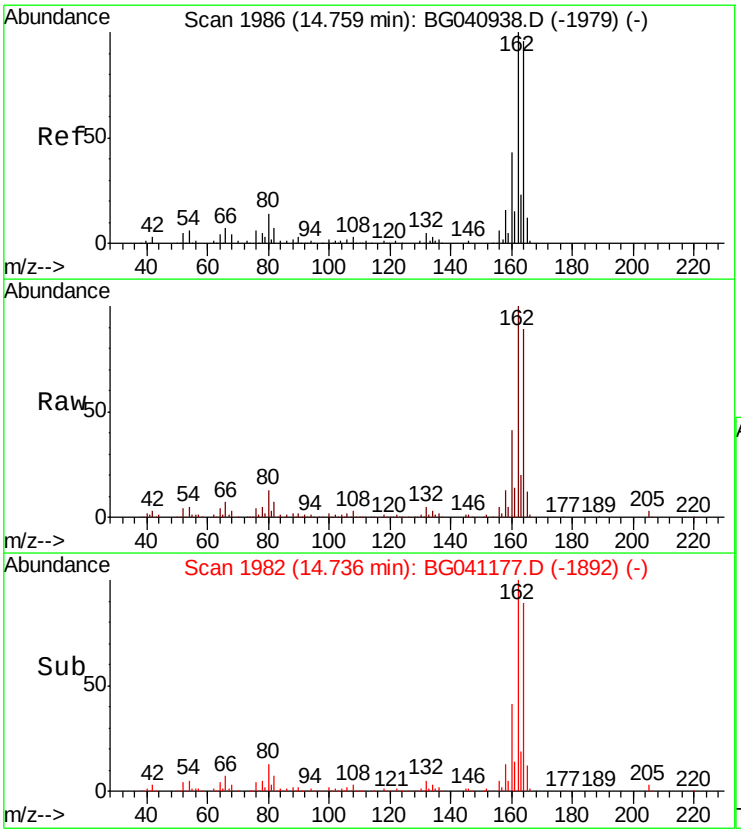
#32
Benzoic acid
Concen: 8.148 ng
RT: 10.12 min Scan# 1197
Delta R.T. -0.10 min
Lab File: BG041177.D
Acq: 10 Jun 2019 23:59

Instrument :
BNA_G
ClientSampleId :
S-7B

Tgt Ion:122 Resp: 54

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

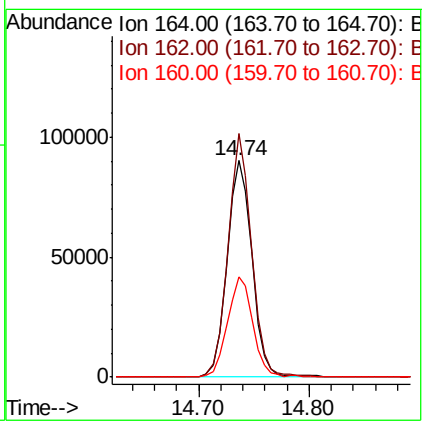


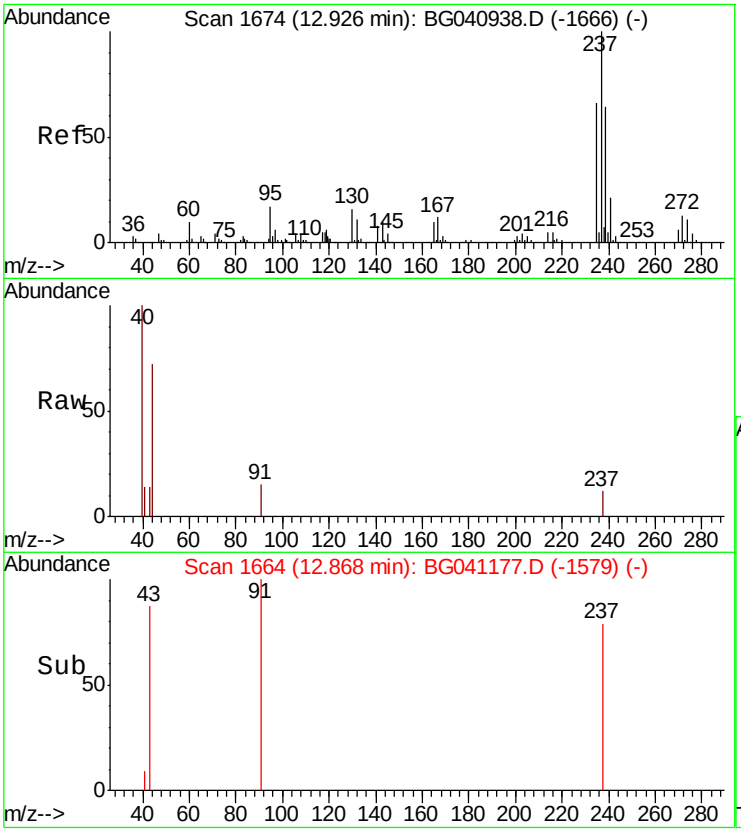


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BG041177.D
Acq: 10 Jun 2019 23:59

Tgt Ion:164 Resp: 142345

Ion	Ratio	Lower	Upper
164	100		
162	112.6	83.0	124.4
160	46.1	35.6	53.4



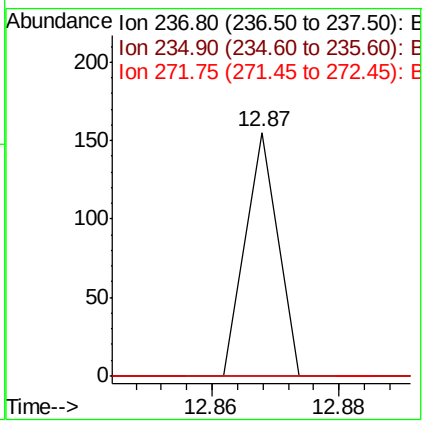


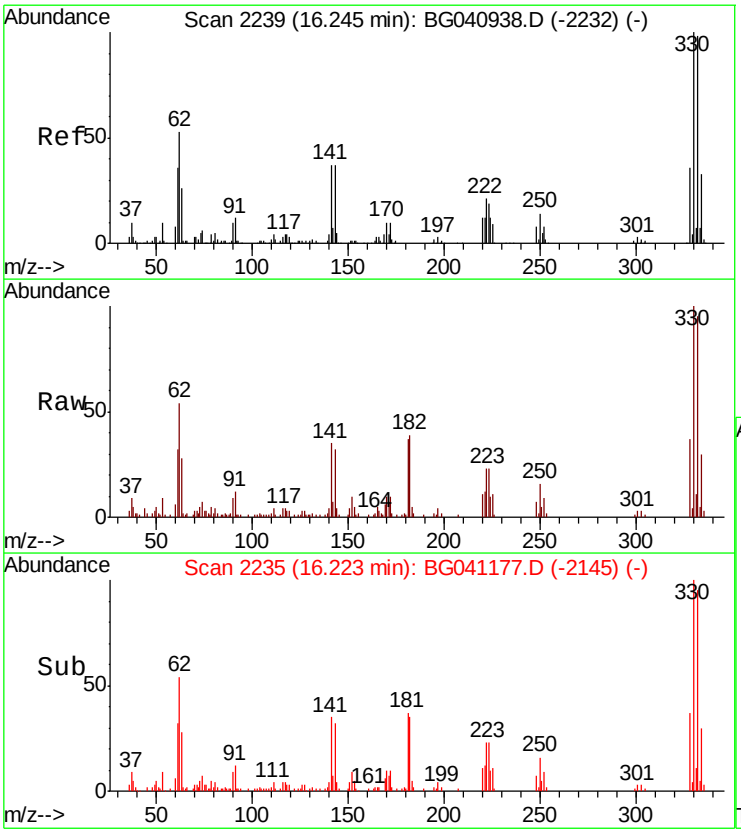
#41
Hexachlorocyclopentadiene
Concen: 8.251 ng
RT: 12.87 min Scan# 1664
Delta R.T. -0.03 min
Lab File: BG041177.D
Acq: 10 Jun 2019 23:59

Instrument :
BNA_G
ClientSampleId :
S-7B

Tgt Ion:237 Resp: 55

Ion	Ratio	Lower	Upper
237	100		
235	0.0	45.5	85.5#
272	0.0	0.0	32.9

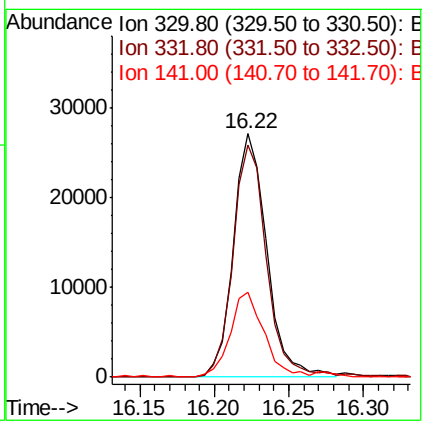


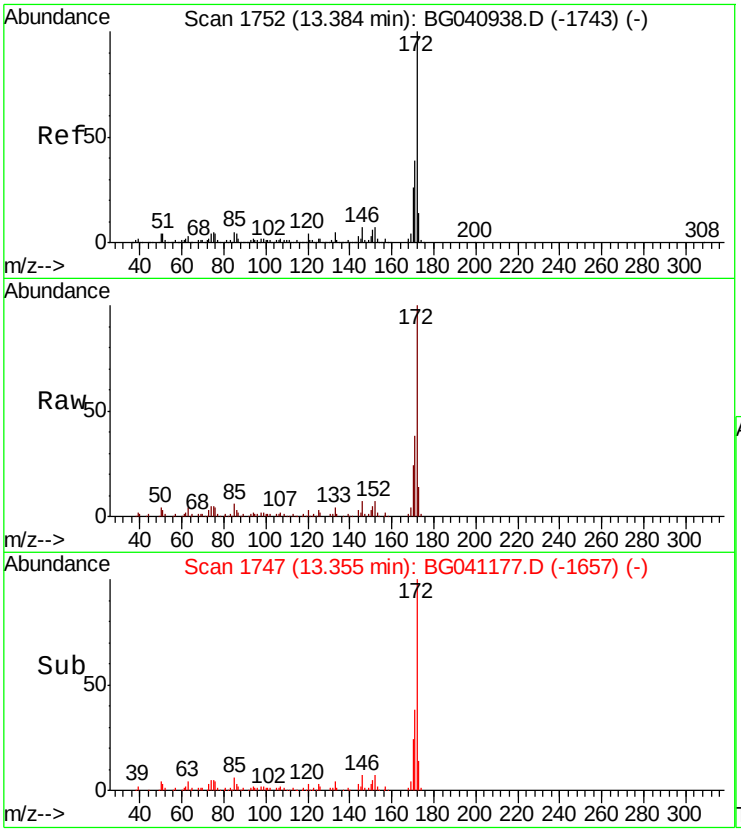


#42
2,4,6-Tribromophenol
Concen: 20.040 ng
RT: 16.22 min Scan# 2235
Delta R.T. -0.00 min
Lab File: BG041177.D
Acq: 10 Jun 2019 23:59

Tgt Ion:330 Resp: 42349

Ion	Ratio	Lower	Upper
330	100		
332	96.3	78.5	117.7
141	35.4	28.7	43.1



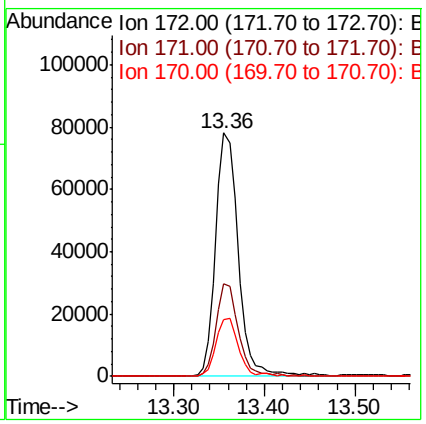


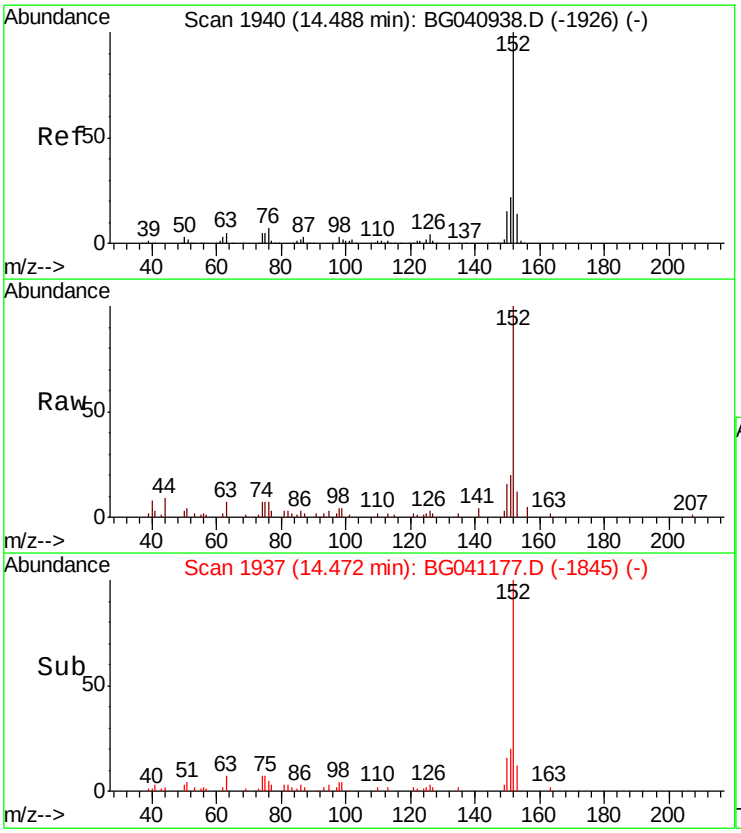
#45
2-Fluorobiphenyl
Concen: 13.773 ng
RT: 13.36 min Scan# 1747
Delta R.T. -0.00 min
Lab File: BG041177.D
Acq: 10 Jun 2019 23:59

Instrument :
BNA_G
ClientSampleId :
S-7B

Tgt Ion:172 Resp: 136139

Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.1	46.7
170	23.5	20.5	30.7

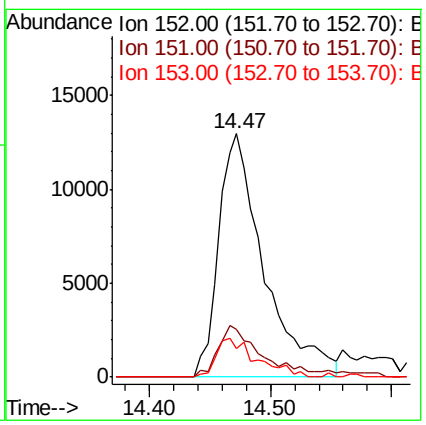


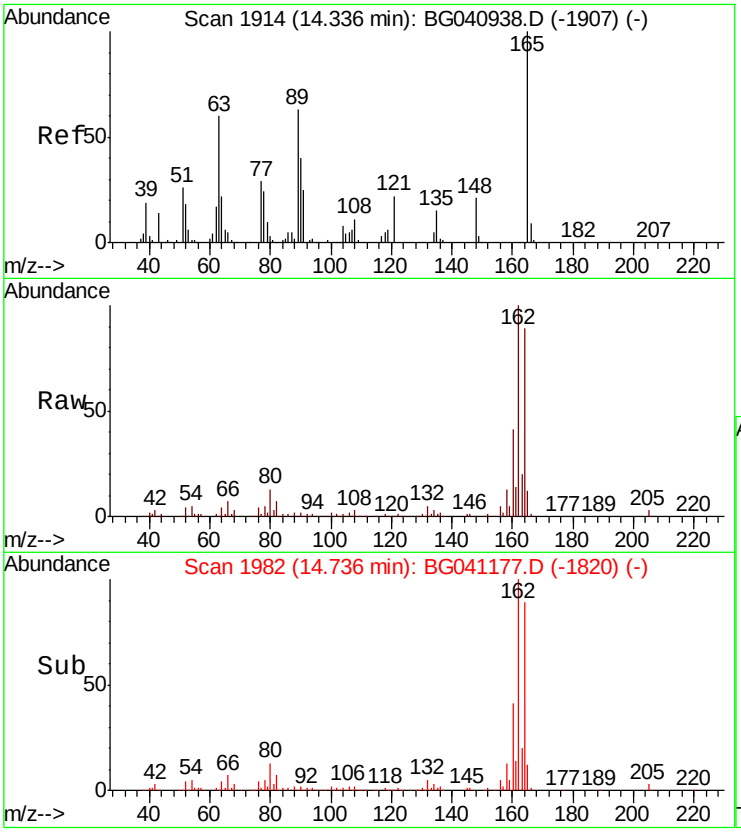


#49
Acenaphthylene
Concen: 2.471 ng
RT: 14.47 min Scan# 1937
Delta R.T. 0.01 min
Lab File: BG041177.D
Acq: 10 Jun 2019 23:59

Tgt Ion:152 Resp: 33639

Ion	Ratio	Lower	Upper
152	100		
151	19.9	17.4	26.0
153	11.5	11.0	16.4



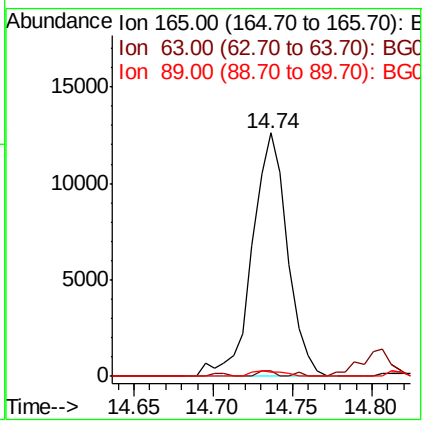


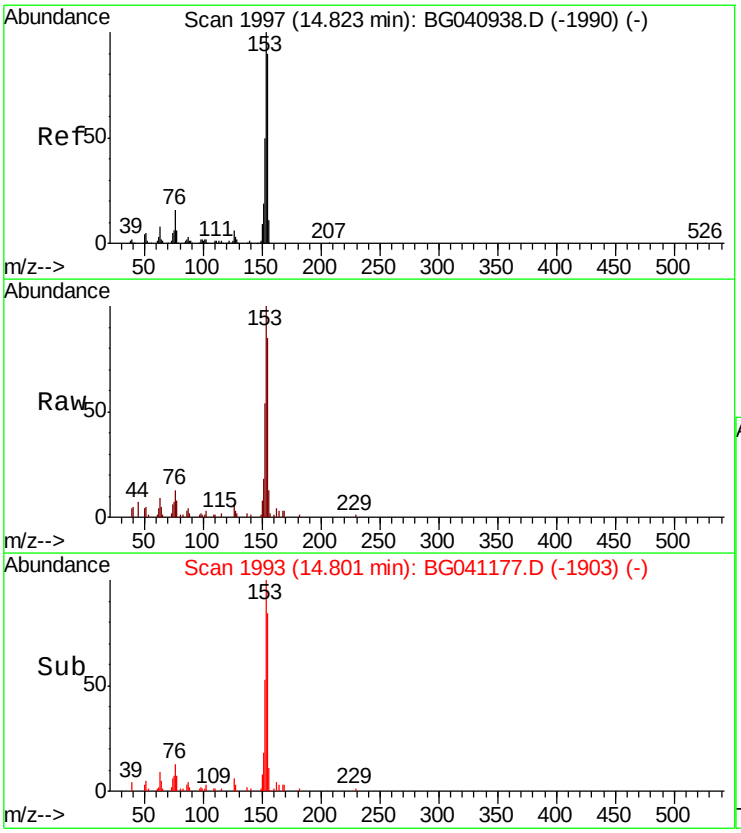
#51
2,6-Dinitrotoluene
Concen: 7.505 ng
RT: 14.74 min Scan# 1982
Delta R.T. 0.42 min
Lab File: BG041177.D
Acq: 10 Jun 2019 23:59

Instrument :
BNA_G
ClientSampleId :
S-7B

Tgt Ion:165 Resp: 19499

Ion	Ratio	Lower	Upper
165	100		
63	2.3	53.6	80.4#
89	1.9	50.4	75.6#

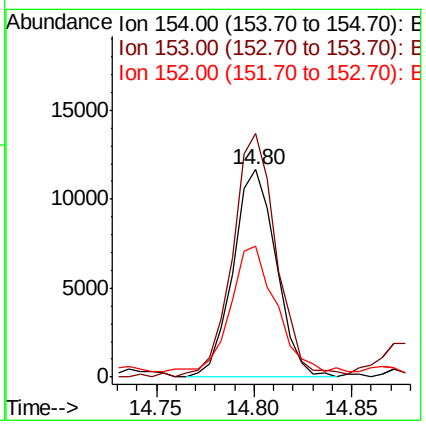


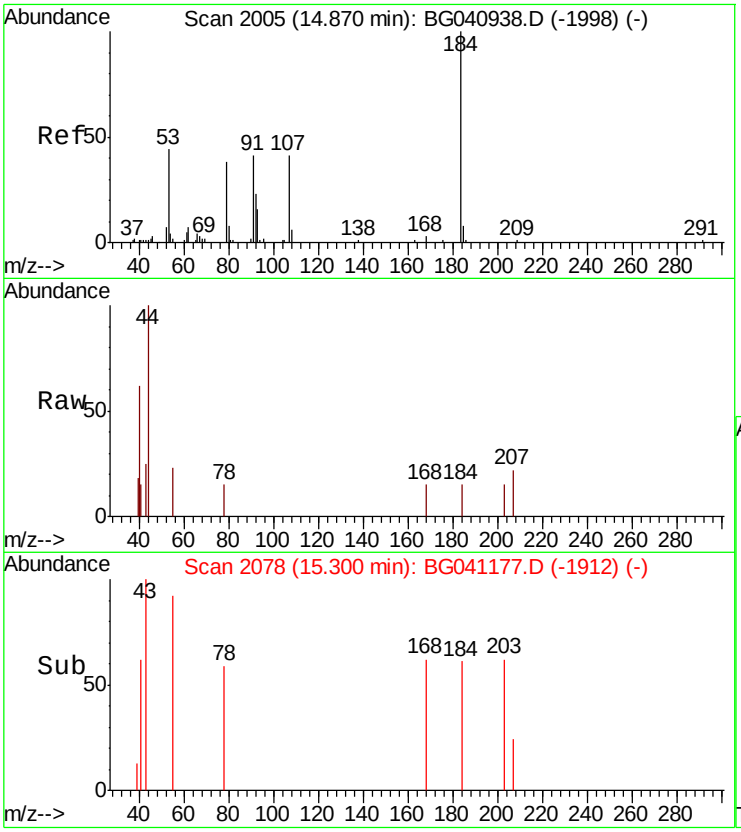


#52
Acenaphthene
Concen: 2.164 ng
RT: 14.80 min Scan# 1993
Delta R.T. -0.00 min
Lab File: BG041177.D
Acq: 10 Jun 2019 23:59

Tgt Ion:154 Resp: 17848

Ion	Ratio	Lower	Upper
154	100		
153	117.3	88.6	133.0
152	63.2	44.2	66.4



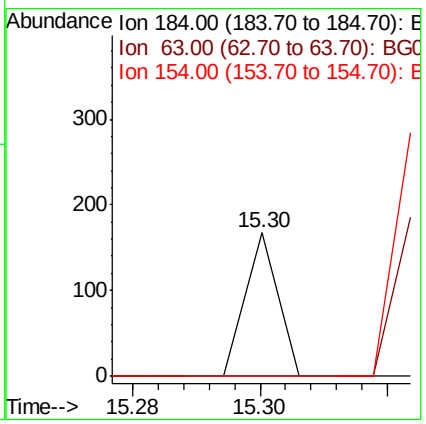


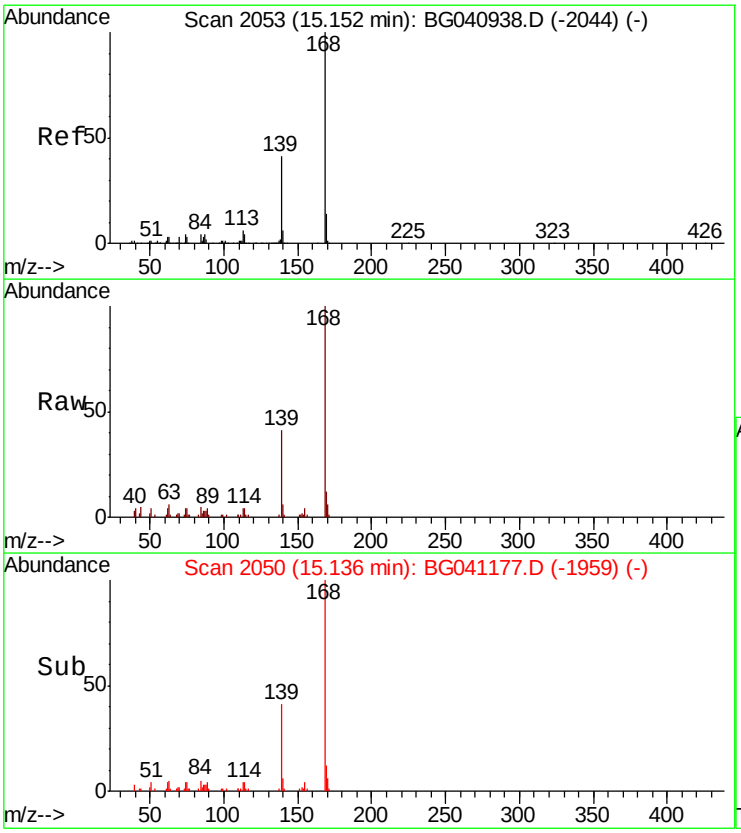
#54
2,4-Dinitrophenol
Concen: 8.305 ng
RT: 15.30 min Scan# 2078
Delta R.T. 0.44 min
Lab File: BG041177.D
Acq: 10 Jun 2019 23:59

Instrument :
BNA_G
ClientSampleId :
S-7B

Tgt Ion:184 Resp: 59

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

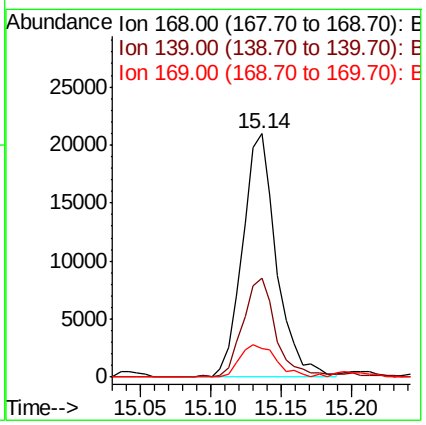


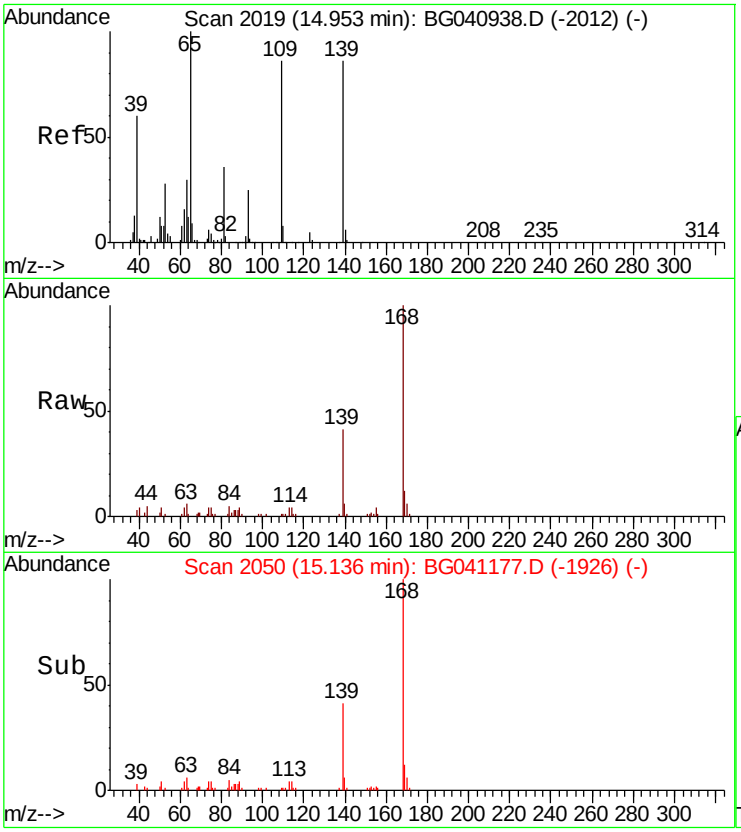


#55
Dibenzofuran
Concen: 2.544 ng
RT: 15.14 min Scan# 2050
Delta R.T. 0.00 min
Lab File: BG041177.D
Acq: 10 Jun 2019 23:59

Tgt Ion:168 Resp: 35311

Ion	Ratio	Lower	Upper
168	100		
139	40.7	32.8	49.2
169	11.7	11.3	16.9



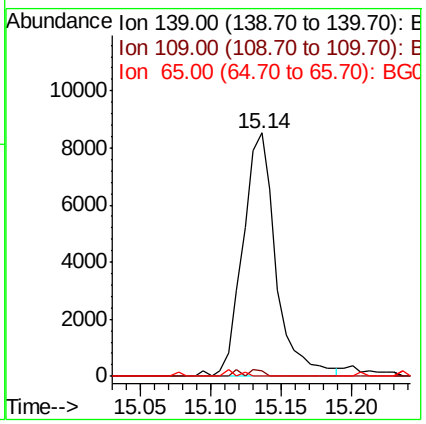


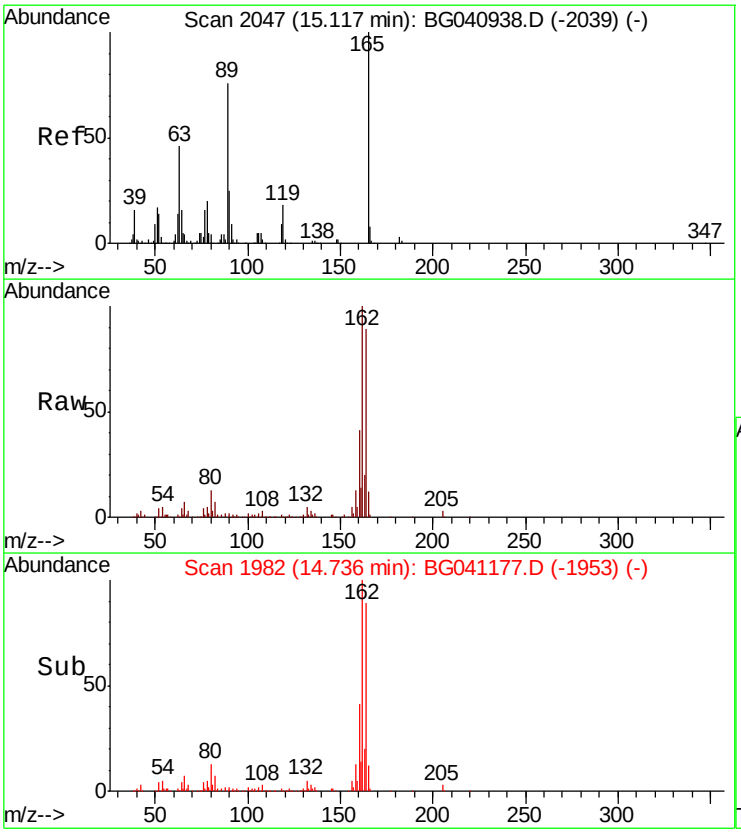
#56
4-Nitrophenol
Concen: 7.868 ng
RT: 15.14 min Scan# 2050
Delta R.T. 0.20 min
Lab File: BG041177.D
Acq: 10 Jun 2019 23:59

Instrument :
BNA_G
ClientSampleId :
S-7B

Tgt Ion:139 Resp: 14021

Ion	Ratio	Lower	Upper
139	100		
109	4.9	79.6	119.6#
65	0.0	96.9	136.9#

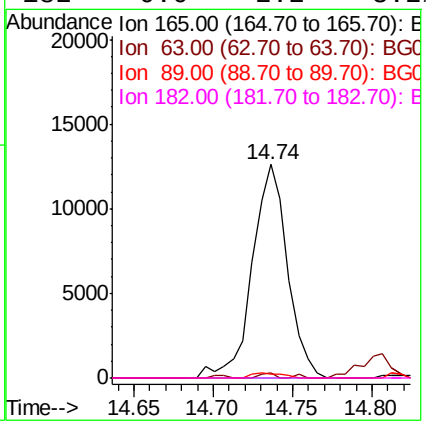


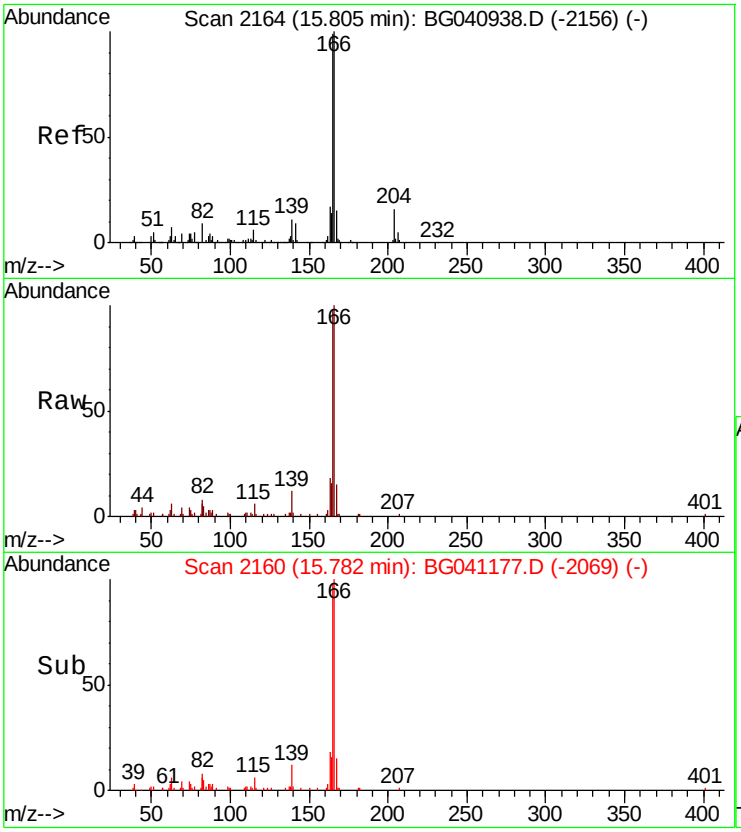


#57
2,4-Dinitrotoluene
Concen: 5.313 ng
RT: 14.74 min Scan# 1982
Delta R.T. -0.36 min
Lab File: BG041177.D
Acq: 10 Jun 2019 23:59

Tgt Ion:165 Resp: 19499

Ion	Ratio	Lower	Upper
165	100		
63	2.3	37.3	55.9#
89	1.9	61.0	91.6#
182	0.0	2.2	3.2#



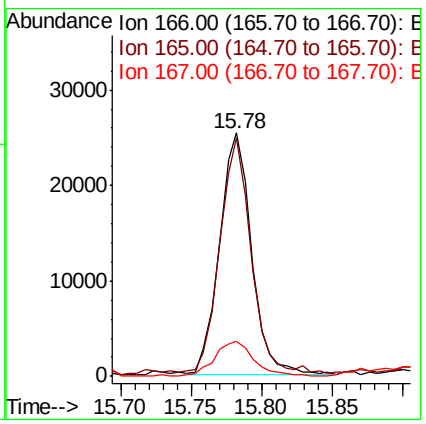


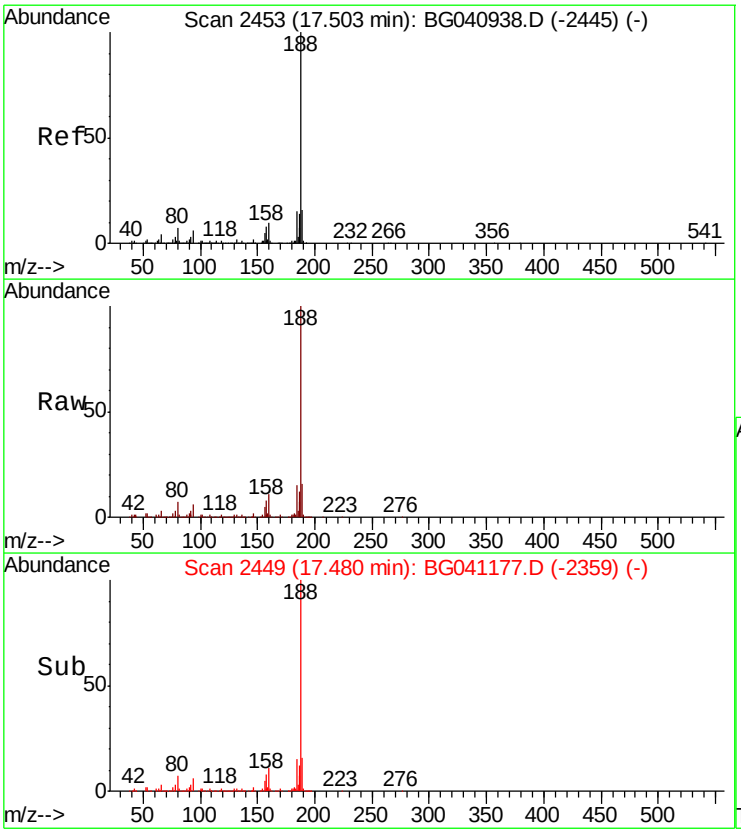
#58
Fluorene
Concen: 3.592 ng
RT: 15.78 min Scan# 2160
Delta R.T. 0.00 min
Lab File: BG041177.D
Acq: 10 Jun 2019 23:59

Instrument :
BNA_G
ClientSampleId :
S-7B

Tgt Ion:166 Resp: 39695

Ion	Ratio	Lower	Upper
166	100		
165	98.1	79.2	118.8
167	14.5	11.8	17.6

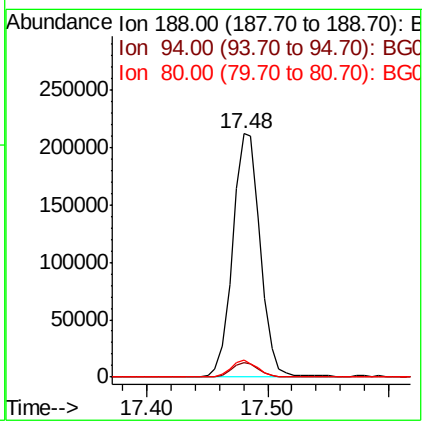


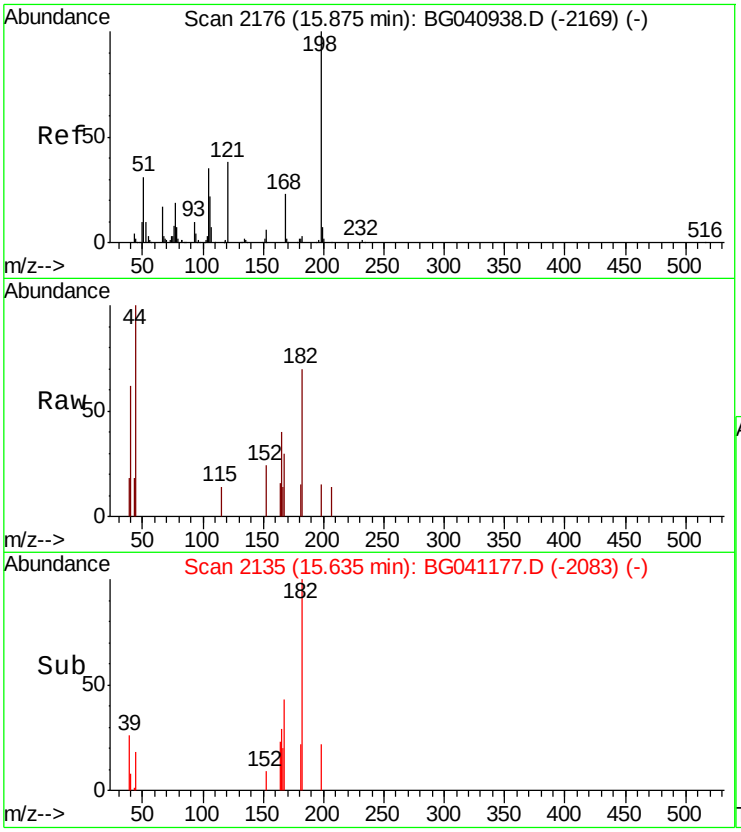


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.00 min
Lab File: BG041177.D
Acq: 10 Jun 2019 23:59

Tgt Ion:188 Resp: 336624

Ion	Ratio	Lower	Upper
188	100		
94	5.7	4.7	7.1
80	6.9	5.8	8.8



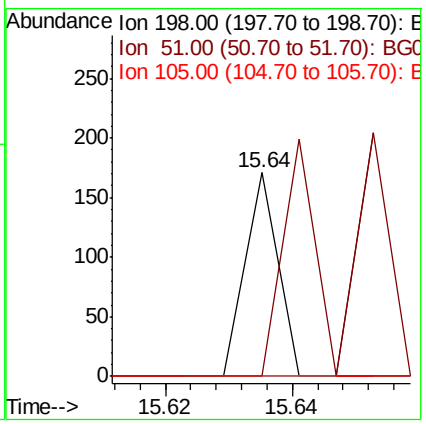


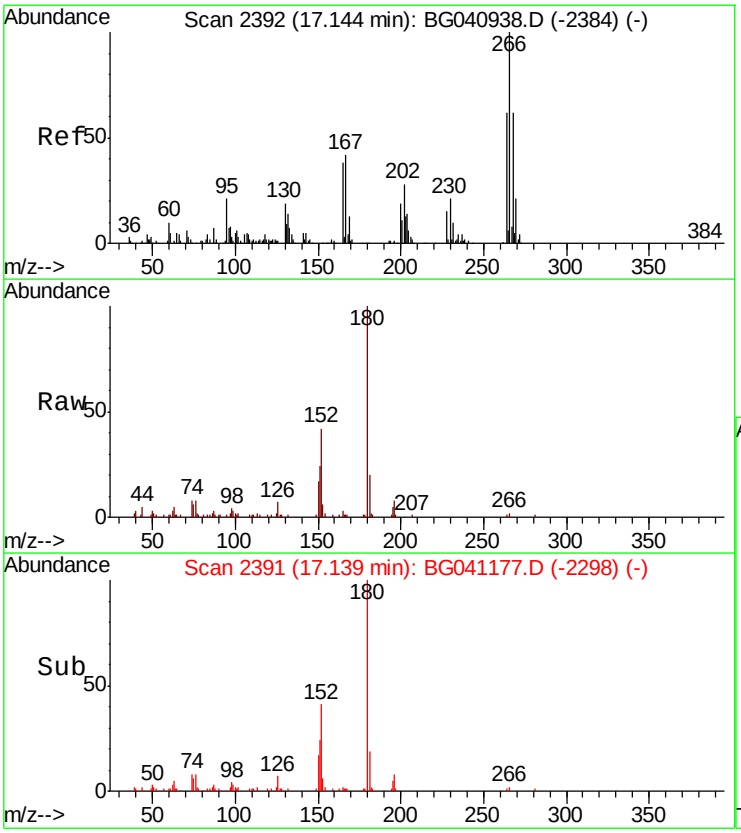
#65
4,6-Dinitro-2-methylphenol
Concen: 8.617 ng
RT: 15.64 min Scan# 2135
Delta R.T. -0.23 min
Lab File: BG041177.D
Acq: 10 Jun 2019 23:59

Instrument :
BNA_G
ClientSampleId :
S-7B

Tgt Ion:198 Resp: 60

Ion	Ratio	Lower	Upper
198	100		
51	0.0	21.6	61.6#
105	0.0	17.5	57.5#

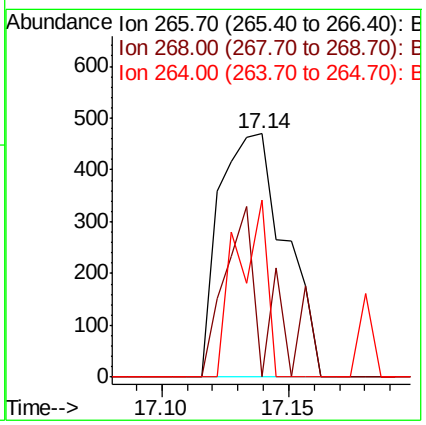


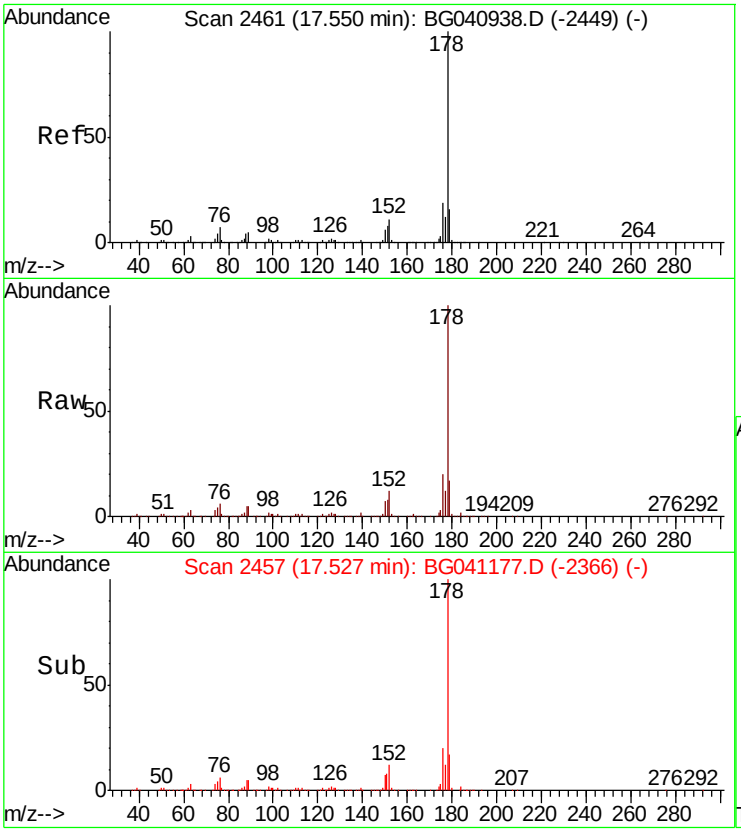


#70
Pentachlorophenol
Concen: 4.566 ng
RT: 17.14 min Scan# 2391
Delta R.T. 0.02 min
Lab File: BG041177.D
Acq: 10 Jun 2019 23:59

Tgt Ion:266 Resp: 850

Ion	Ratio	Lower	Upper
266	100		
268	0.0	53.1	79.7#
264	72.6	49.9	74.9



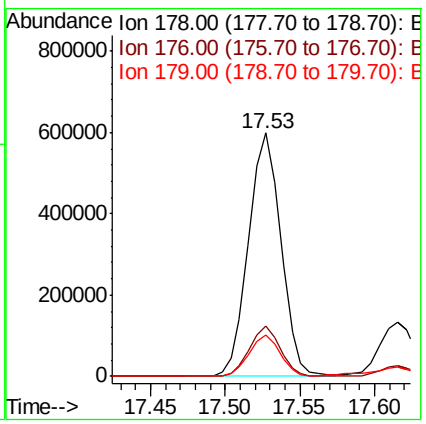


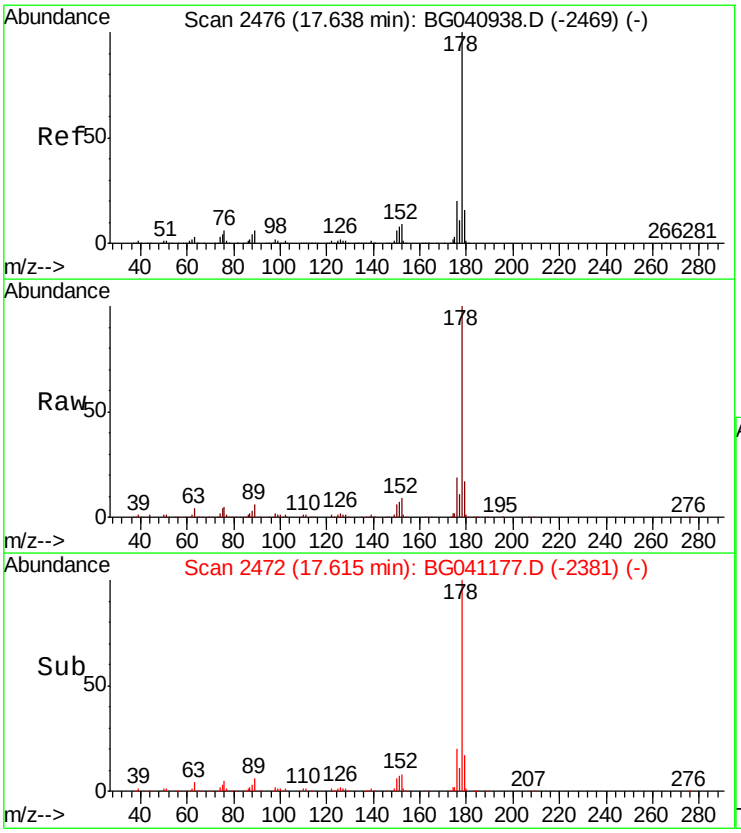
#71
Phenanthrene
Concen: 51.329 ng
RT: 17.53 min Scan# 2457
Delta R.T. 0.00 min
Lab File: BG041177.D
Acq: 10 Jun 2019 23:59

Instrument :
BNA_G
ClientSampleId :
S-7B

Tgt Ion:178 Resp: 900011

Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.5	23.3
179	17.0	12.7	19.1

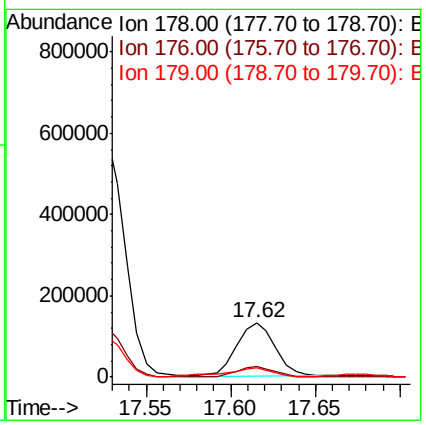


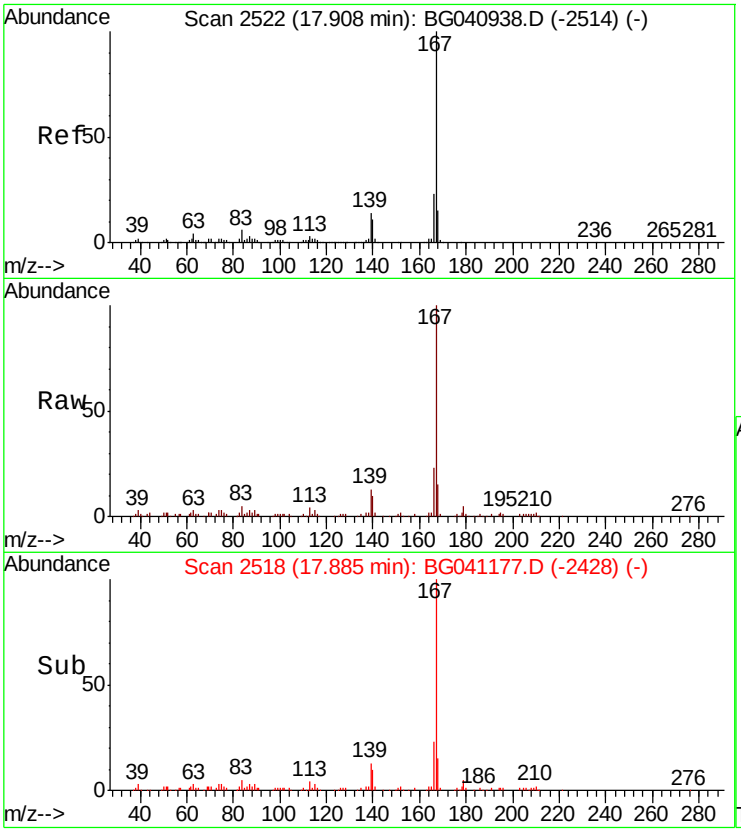


#72
Anthracene
Concen: 12.109 ng
RT: 17.62 min Scan# 2472
Delta R.T. 0.00 min
Lab File: BG041177.D
Acq: 10 Jun 2019 23:59

Tgt Ion:178 Resp: 209401

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.6	23.4
179	16.5	13.0	19.4



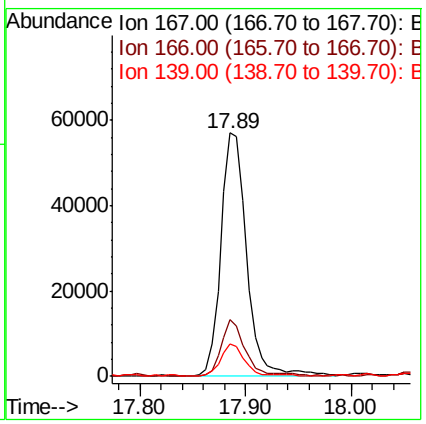


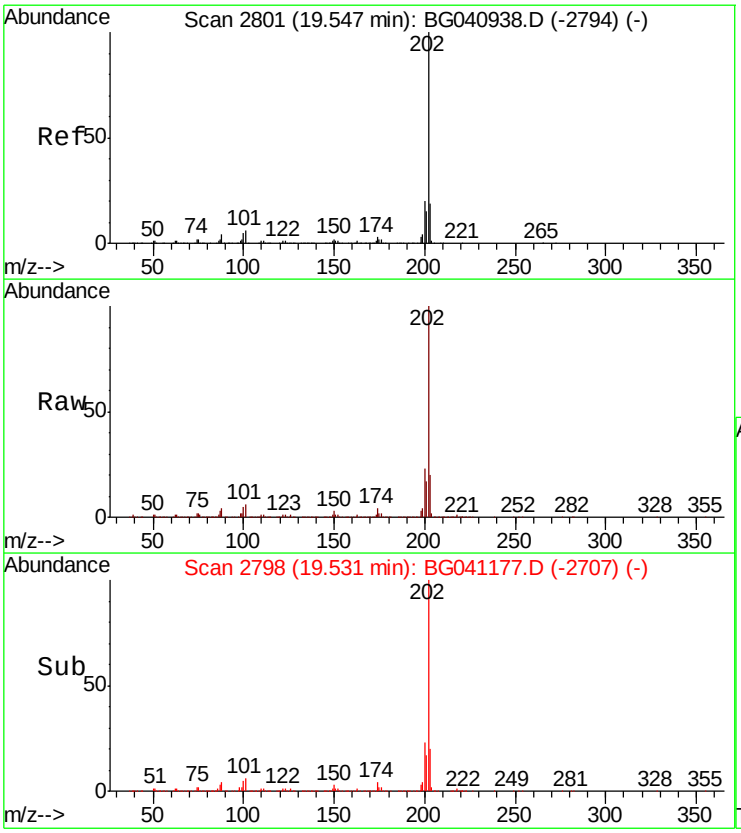
#73
Carbazole
Concen: 6.518 ng
RT: 17.89 min Scan# 2518
Delta R.T. -0.00 min
Lab File: BG041177.D
Acq: 10 Jun 2019 23:59

Instrument :
BNA_G
ClientSampleId :
S-7B

Tgt Ion:167 Resp: 96721

Ion	Ratio	Lower	Upper
167	100		
166	23.2	18.2	27.4
139	13.1	10.8	16.2

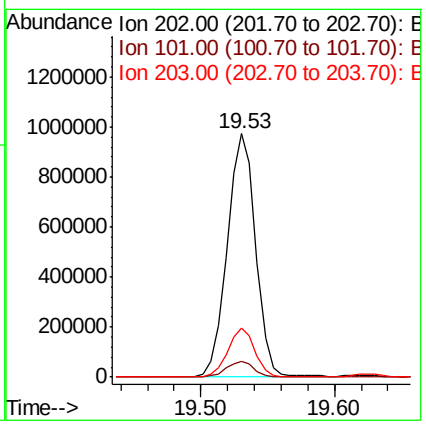


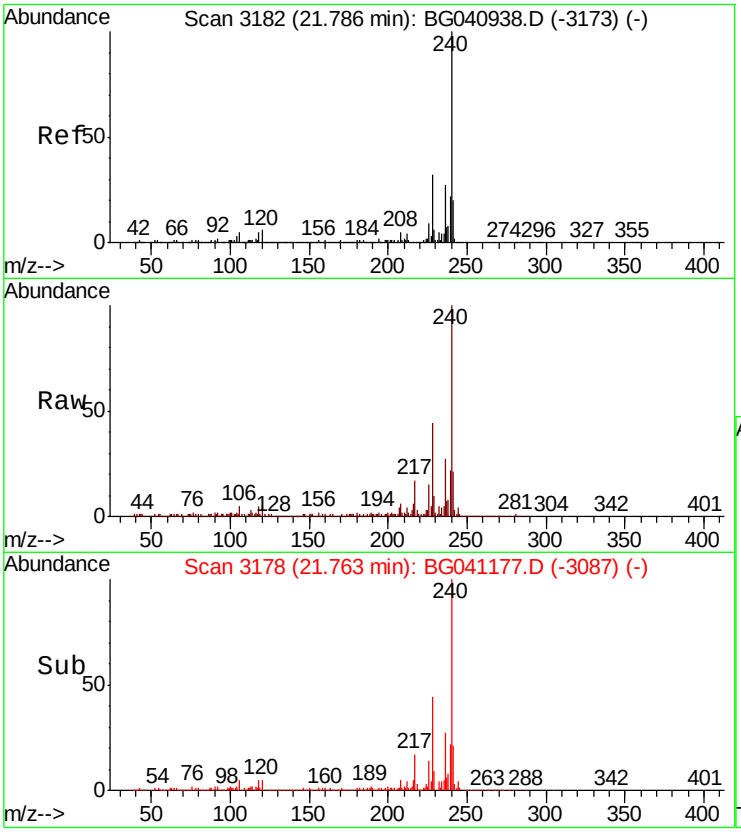


#75
Fluoranthene
Concen: 66.706 ng
RT: 19.53 min Scan# 2798
Delta R.T. 0.00 min
Lab File: BG041177.D
Acq: 10 Jun 2019 23:59

Tgt Ion:202 Resp: 1444702

Ion	Ratio	Lower	Upper
202	100		
101	6.4	0.0	26.2
203	20.4	0.0	38.7



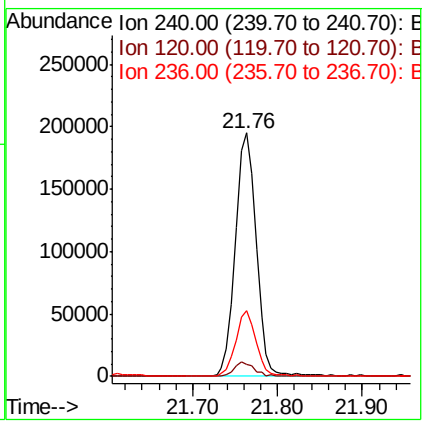


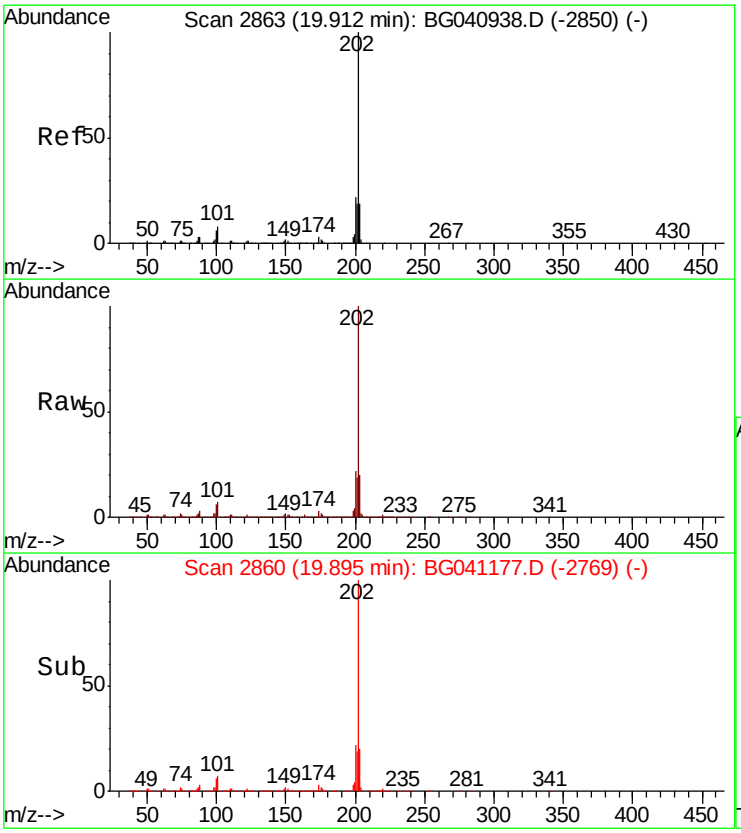
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3178
Delta R.T. 0.00 min
Lab File: BG041177.D
Acq: 10 Jun 2019 23:59

Instrument :
BNA_G
ClientSampleId :
S-7B

Tgt Ion:240 Resp: 329296

Ion	Ratio	Lower	Upper
240	100		
120	4.7	4.5	6.7
236	26.9	21.3	31.9

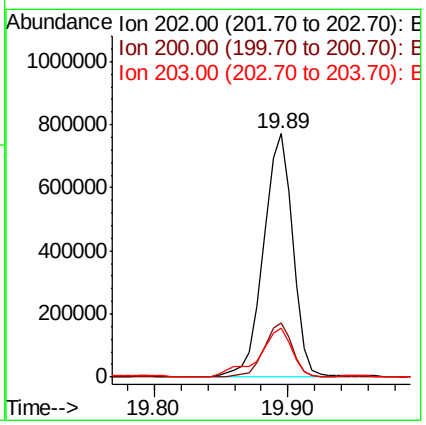


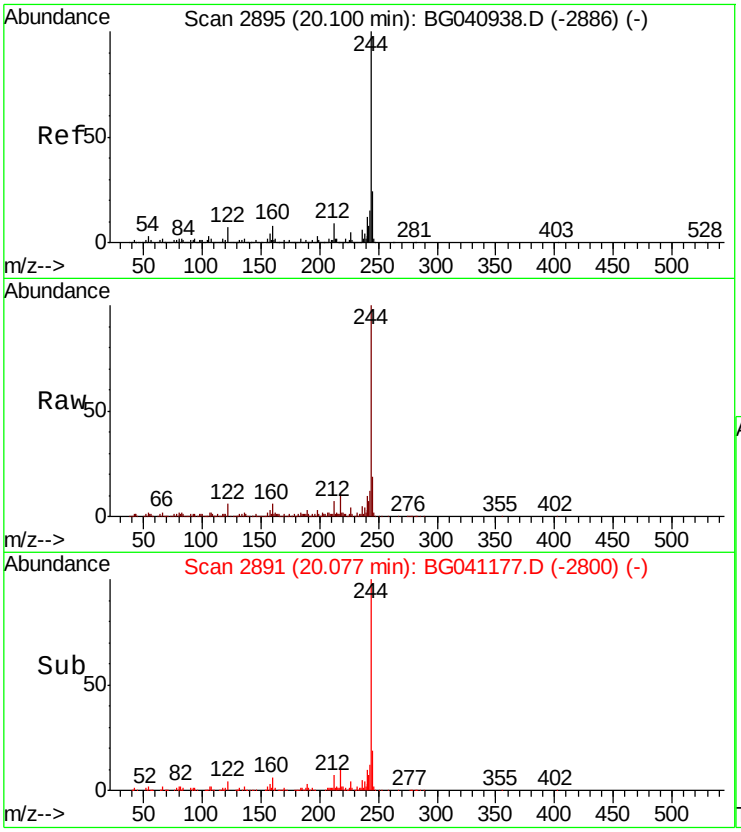


#78
Pyrene
Concen: 54.799 ng
RT: 19.89 min Scan# 2860
Delta R.T. 0.00 min
Lab File: BG041177.D
Acq: 10 Jun 2019 23:59

Tgt Ion:202 Resp: 1173048

Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.5	26.3
203	20.1	15.6	23.4



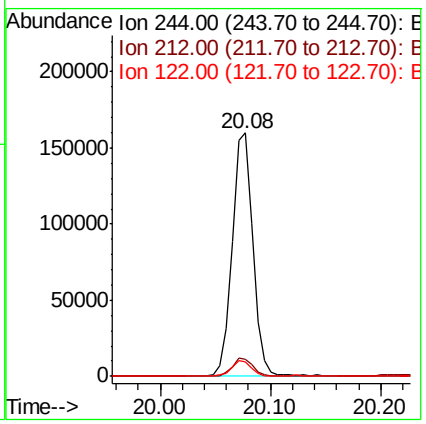


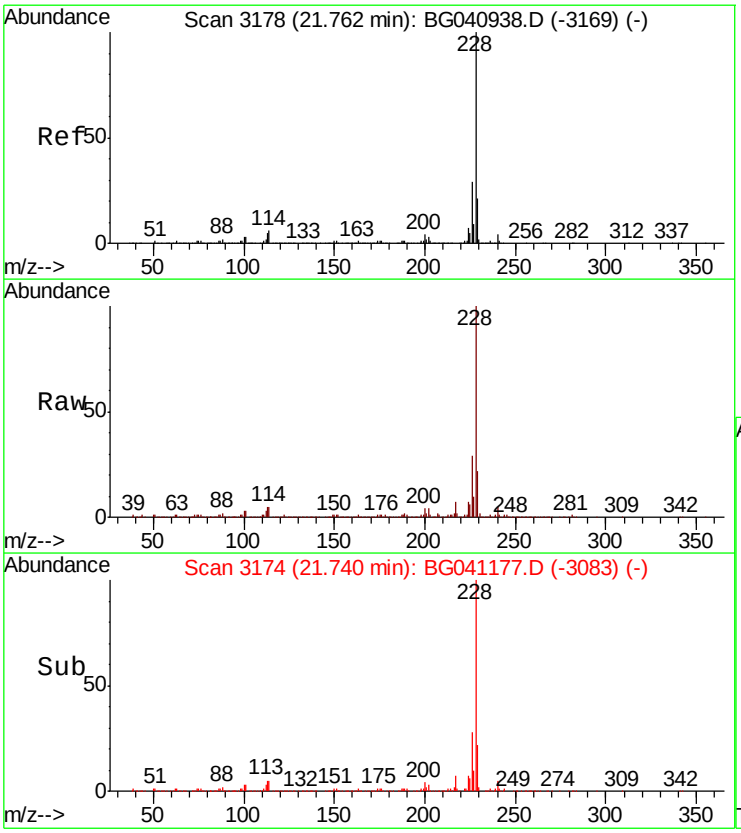
#79
Terphenyl-d14
Concen: 13.668 ng
RT: 20.08 min Scan# 2891
Delta R.T. 0.00 min
Lab File: BG041177.D
Acq: 10 Jun 2019 23:59

Instrument :
BNA_G
ClientSampleId :
S-7B

Tgt Ion:244 Resp: 212061

Ion	Ratio	Lower	Upper
244	100		
212	7.2	7.0	10.4
122	5.7	5.4	8.0

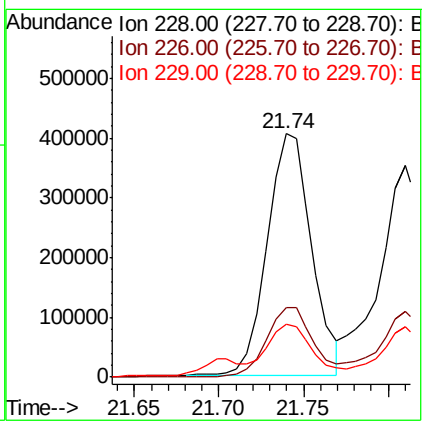


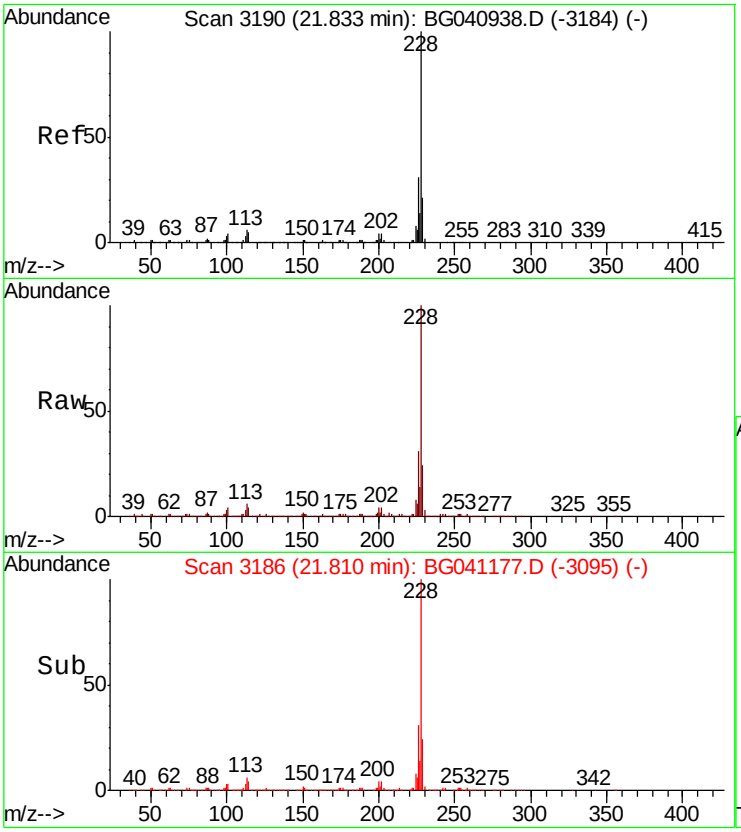


#81
Benzo(a)anthracene
Concen: 33.781 ng
RT: 21.74 min Scan# 3174
Delta R.T. 0.00 min
Lab File: BG041177.D
Acq: 10 Jun 2019 23:59

Tgt Ion:228 Resp: 740488

Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.5	35.3
229	21.9	16.7	25.1



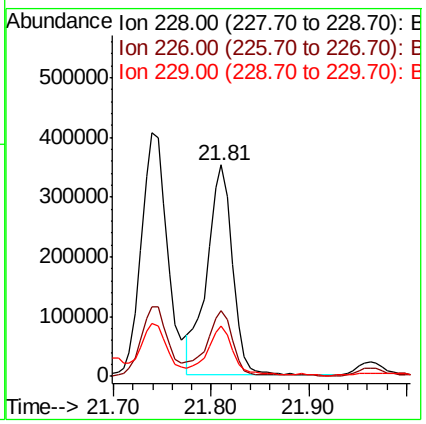


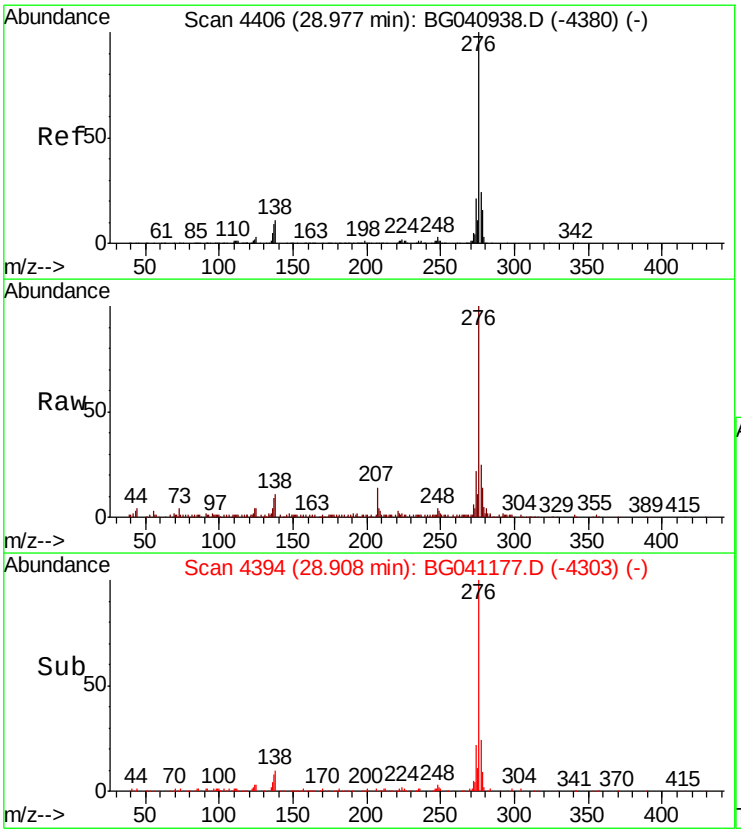
#83
Chrysene
Concen: 30.705 ng
RT: 21.81 min Scan# 3186
Delta R.T. 0.00 min
Lab File: BG041177.D
Acq: 10 Jun 2019 23:59

Instrument :
BNA_G
ClientSampleId :
S-7B

Tgt Ion:228 Resp: 644092

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.6	37.0
229	24.0	16.6	24.8

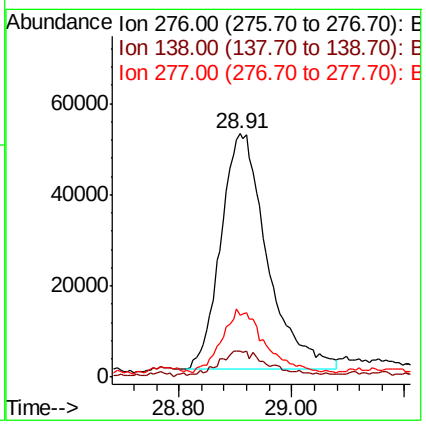


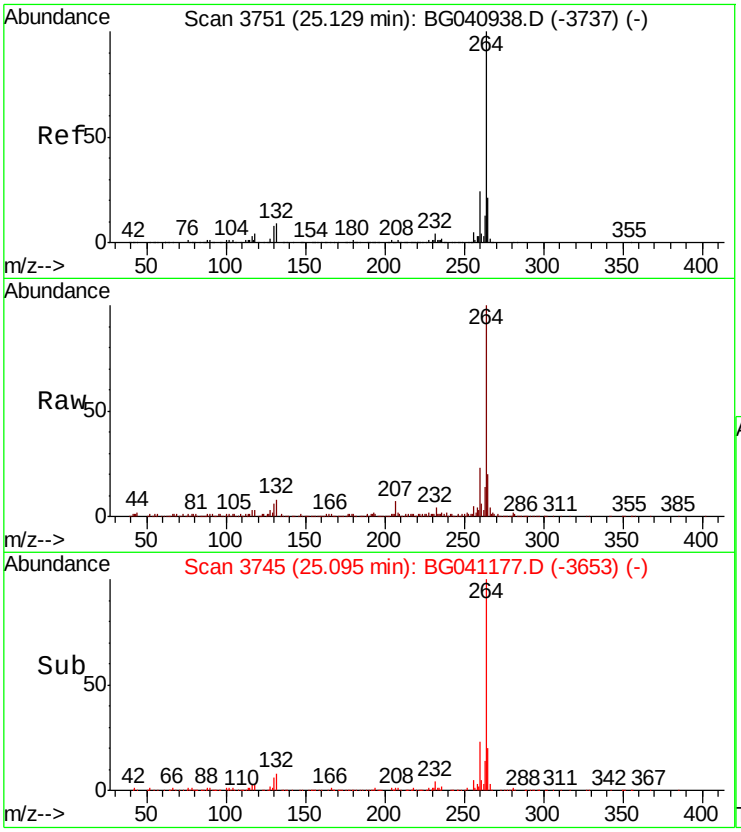


#86
Indeno(1,2,3-cd)pyrene
Concen: 11.481 ng
RT: 28.91 min Scan# 4394
Delta R.T. 0.00 min
Lab File: BG041177.D
Acq: 10 Jun 2019 23:59

Tgt Ion:276 Resp: 295013

Ion	Ratio	Lower	Upper
276	100		
138	9.1	5.7	8.5#
277	24.1	20.8	31.2



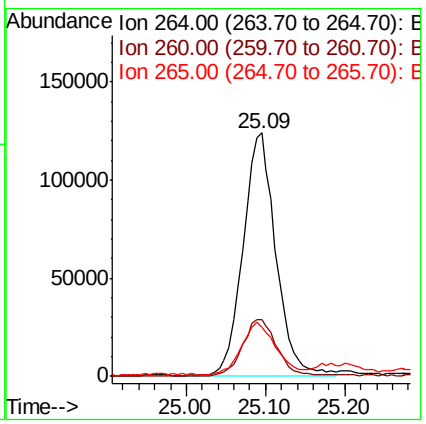


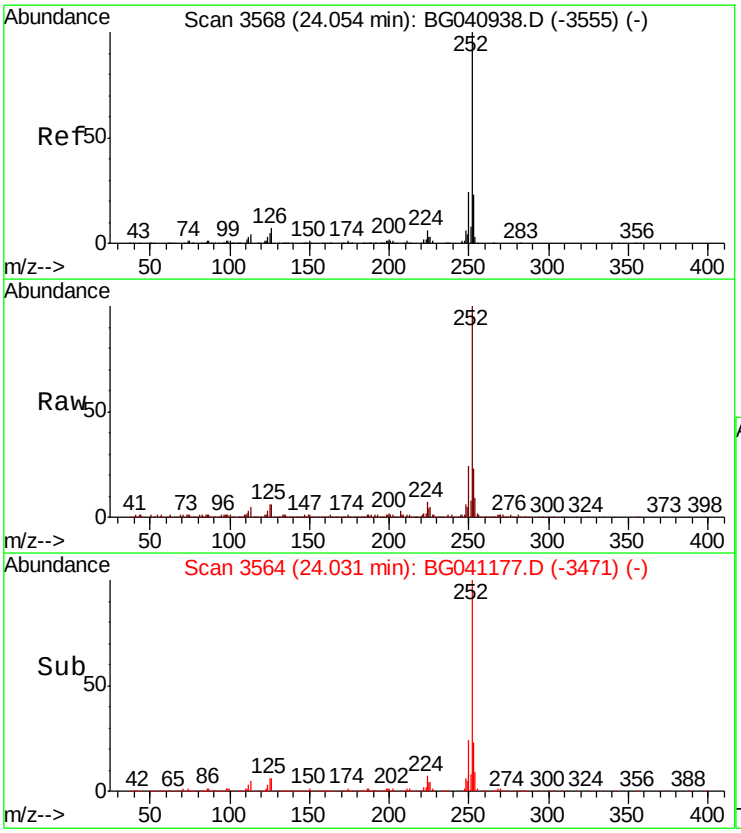
#87
Perylene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3745
Delta R.T. 0.01 min
Lab File: BG041177.D
Acq: 10 Jun 2019 23:59

Instrument :
BNA_G
ClientSampleId :
S-7B

Tgt Ion:264 Resp: 353829

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.0	28.4
265	20.3	17.0	25.4

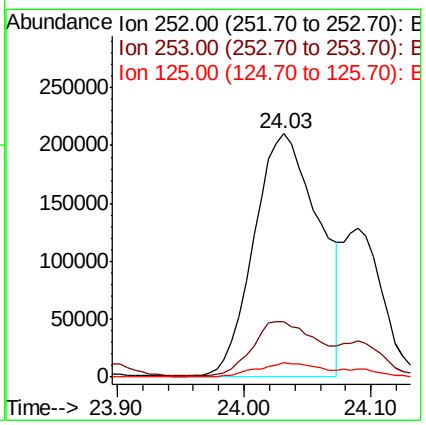


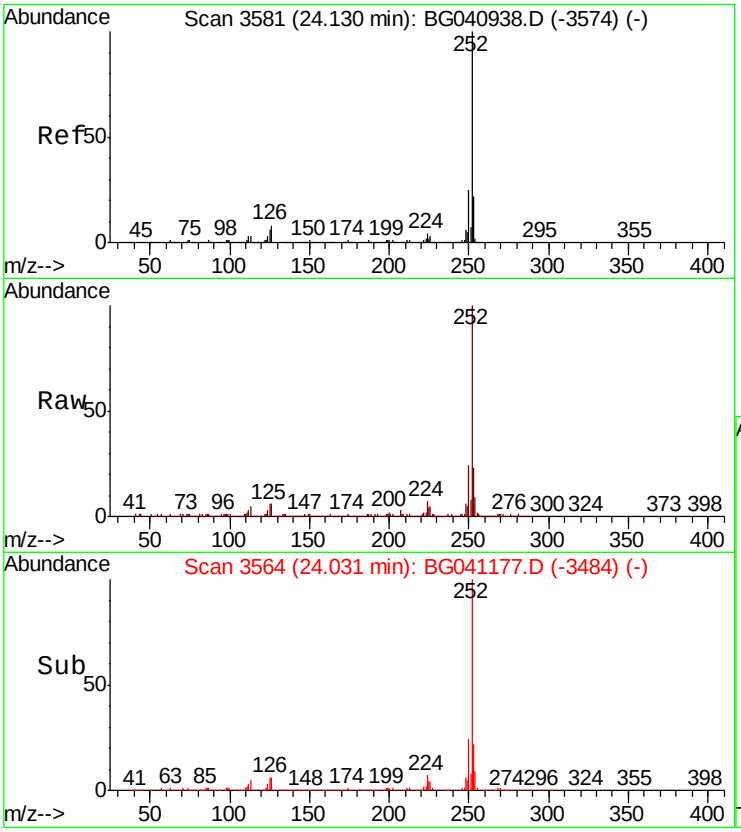


#88
Benzo(b)fluoranthene
Concen: 34.831 ng
RT: 24.03 min Scan# 3564
Delta R.T. 0.02 min
Lab File: BG041177.D
Acq: 10 Jun 2019 23:59

Tgt Ion:252 Resp: 747510

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.4	27.6
125	6.0	4.3	6.5



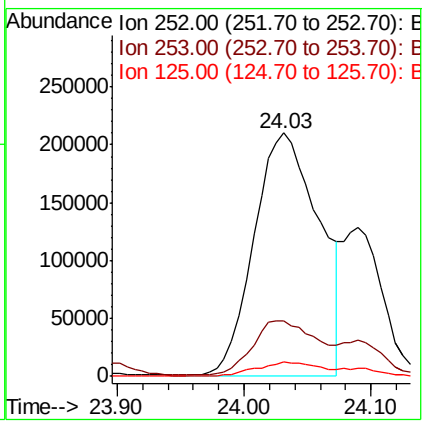


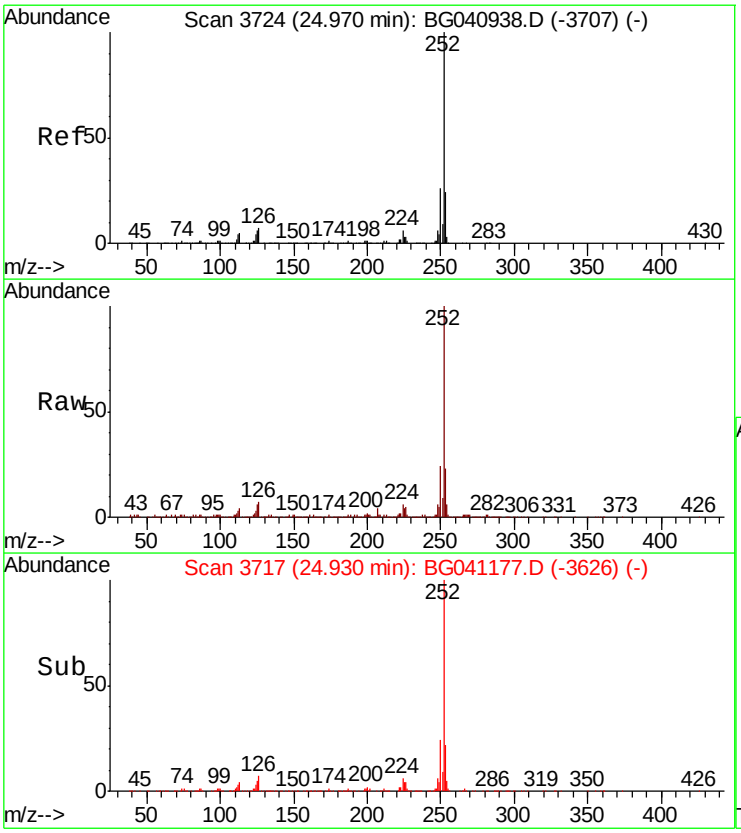
#89
Benzo(k)fluoranthene
Concen: 35.198 ng
RT: 24.03 min Scan# 3564
Delta R.T. -0.06 min
Lab File: BG041177.D
Acq: 10 Jun 2019 23:59

Instrument :
BNA_G
ClientSampleId :
S-7B

Tgt Ion:252 Resp: 747510

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.6
125	6.0	4.7	7.1

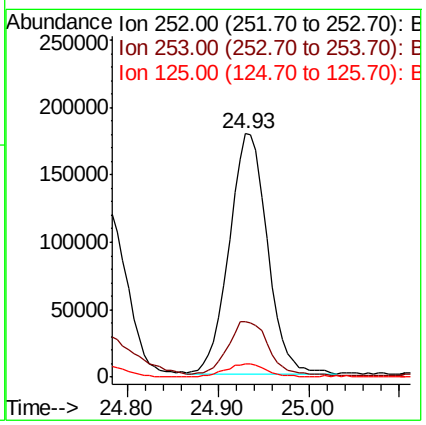


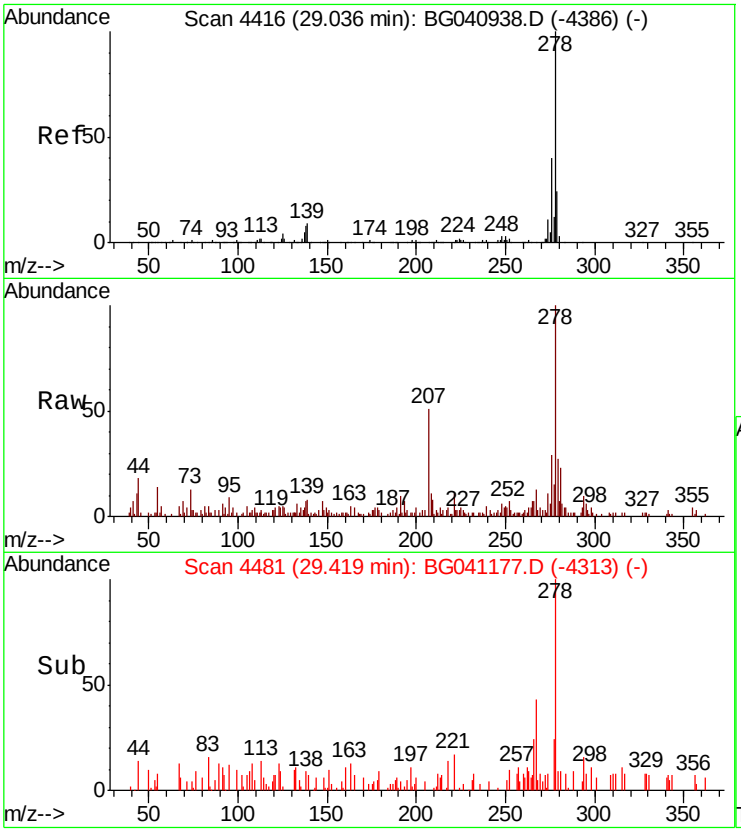


#90
Benzo(a)pyrene
Concen: 25.560 ng
RT: 24.93 min Scan# 3717
Delta R.T. 0.00 min
Lab File: BG041177.D
Acq: 10 Jun 2019 23:59

Tgt Ion:252 Resp: 523347

Ion	Ratio	Lower	Upper
252	100		
253	22.8	19.5	29.3
125	5.6	5.1	7.7



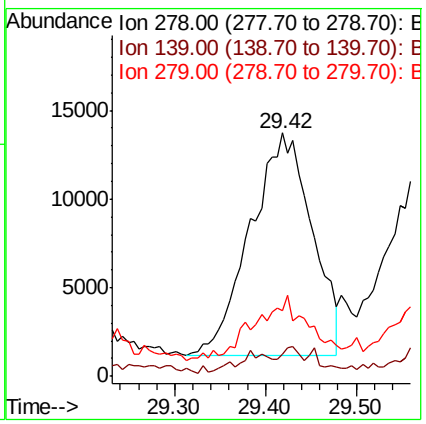


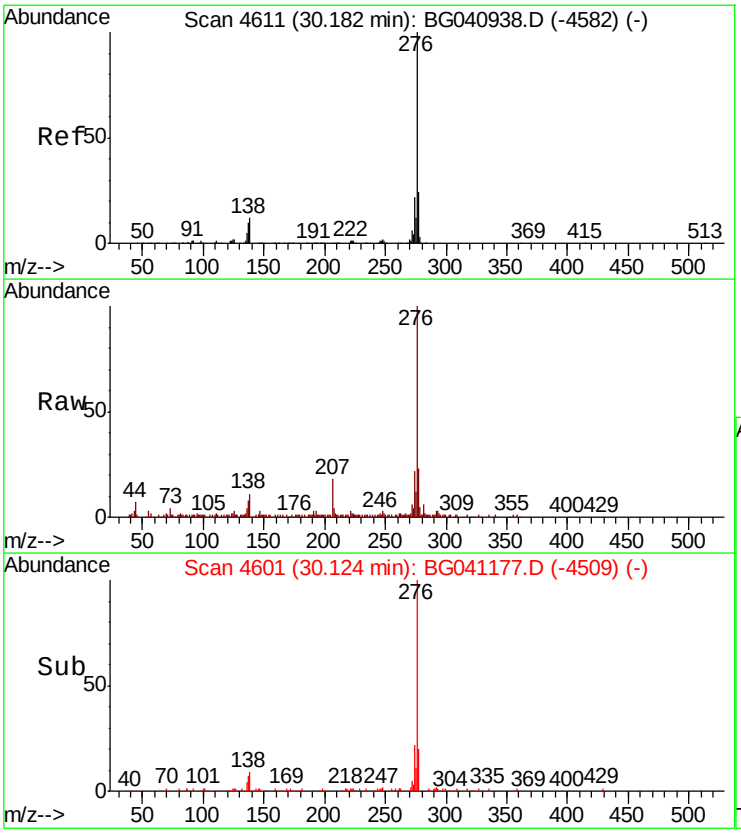
#91
Dibenzo(a,h)anthracene
Concen: 2.885 ng
RT: 29.42 min Scan# 4481
Delta R.T. 0.46 min
Lab File: BG041177.D
Acq: 10 Jun 2019 23:59

Instrument :
BNA_G
ClientSampleId :
S-7B

Tgt Ion:278 Resp: 59031

Ion	Ratio	Lower	Upper
278	100		
139	9.2	7.1	10.7
279	26.9	19.4	29.2





#92
Benzo(g,h,i)perylene
Concen: 12.392 ng
RT: 30.12 min Scan# 4601
Delta R.T. 0.01 min
Lab File: BG041177.D
Acq: 10 Jun 2019 23:59

Tgt Ion:276 Resp: 246302

Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.4	29.0
138	11.2	9.7	14.5