Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053019\
Data File : BG040952.D
Acq On : 30 May 2019 15:07
Operator : HP/JU
Sample : K2966-01RX
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: May 31 04:03:08 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	8.13	152	77910	20.00	ng		0.00
21) Naphthalene-d8	10.95	136	315848	20.00	ng		0.00
39) Acenaphthene-d10	14.76	164	218798	20.00	ng		0.00
64) Phenanthrene-d10	17.50	188	490283	20.00	ng		0.00
76) Chrysene-d12	21.78	240	488014	20.00	ng		0.00
87) Perylene-d12	25.12	264	543871	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	577046	133.56	ng		0.00
7) Phenol-d6	7.27	99	860094	128.90	ng		0.00
23) Nitrobenzene-d5	9.30	82	610242	85.77	ng		0.00
42) 2,4,6-Tribromophenol	16.24	330	408878	125.88	ng		0.00
45) 2-Fluorobiphenyl	13.38	172	1327424	87.37	ng		0.00
79) Terphenyl-d14	20.10	244	1869485	81.30	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.30	70	88720	17.277	ng	#	73
32) Benzoic acid	10.35	122	72	8.146	ng	#	1
49) Acenaphthylene	14.49	152	47738	2.281	ng		99
50) Dimethylphthalate	14.20	163	180941	9.769	ng		98
54) 2,4-Dinitrophenol	15.24	184	125	8.326	ng	#	74
57) 2,4-Dinitrotoluene	14.76	165	30411	5.391	ng	#	22
65) 4,6-Dinitro-2-methylphenol	15.92	198	85	8.616	ng	#	1
67) 4-Bromophenyl-phenylether	16.24	248	30380	4.592	ng	#	1
70) Pentachlorophenol	17.14	266	521	4.387	ng	#	53
71) Phenanthrene	17.54	178	98496	3.857	ng		98
72) Anthracene	17.63	178	67013	2.661	ng		97
75) Fluoranthene	19.54	202	422612	13.398	ng		99
77) Benzidine	20.10	184	36954	3.174	ng	#	93
78) Pyrene	19.90	202	452439	14.262	ng		98
81) Benzo(a)anthracene	21.76	228	271751	8.365	ng		96
83) Chrysene	21.82	228	290177	9.334	ng		95
86) Indeno(1,2,3-cd)pyrene	28.94	276	118435	3.110	ng	#	53
88) Benzo(b)fluoranthene	24.06	252	416098	12.614	ng	#	98
89) Benzo(k)fluoranthene	24.06	252	416098	12.747	ng		99
90) Benzo(a)pyrene	24.96	252	355065	11.282	ng		94
91) Dibenzo(a,h)anthracene	29.03	278	70694	2.248	ng	#	96
92) Benzo(g,h,i)perylene	30.16	276	246758	8.077	ng		98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053019\
Data File : BG040952.D
Acq On : 30 May 2019 15:07
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: May 31 04:03:08 2019
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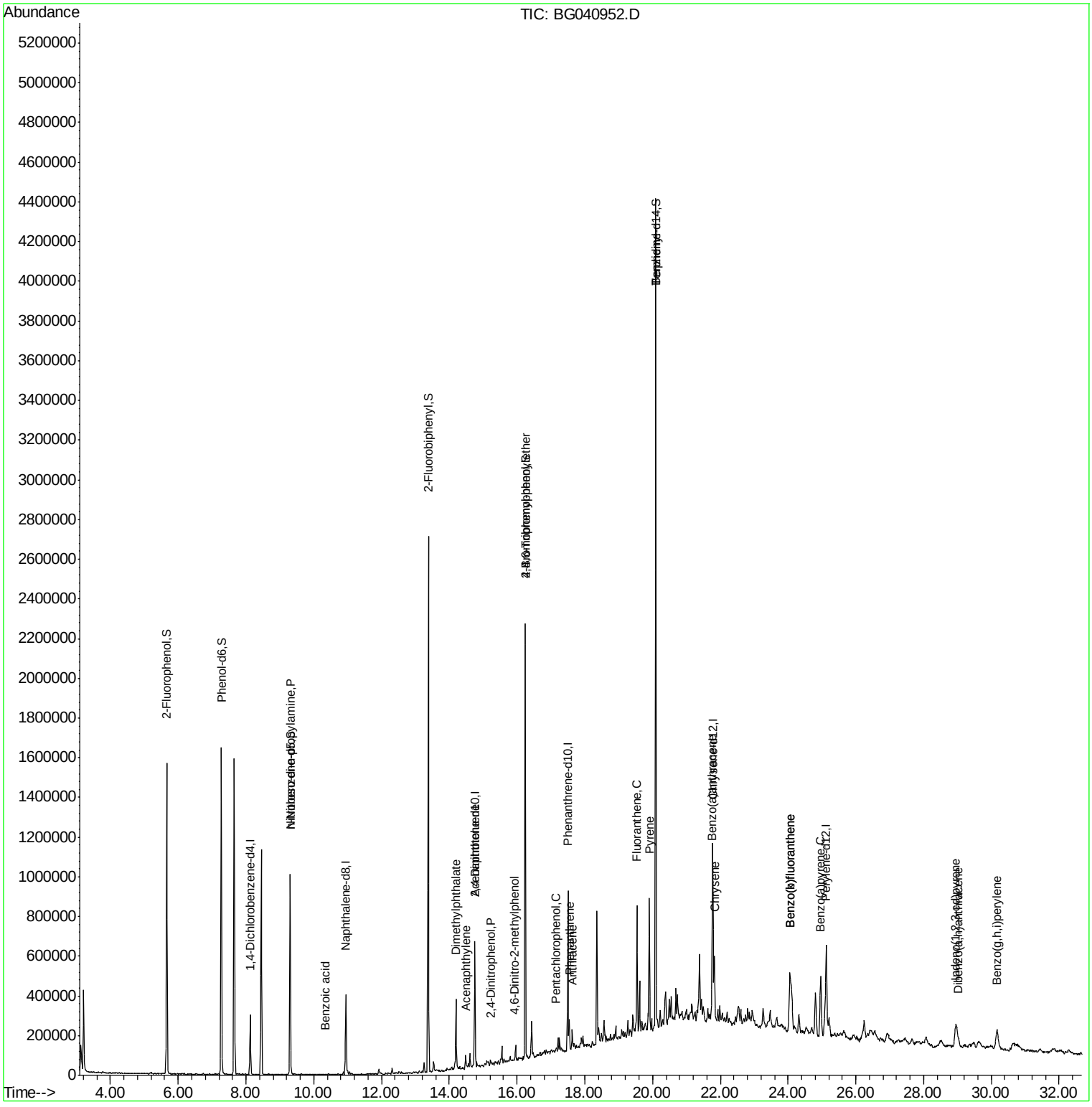
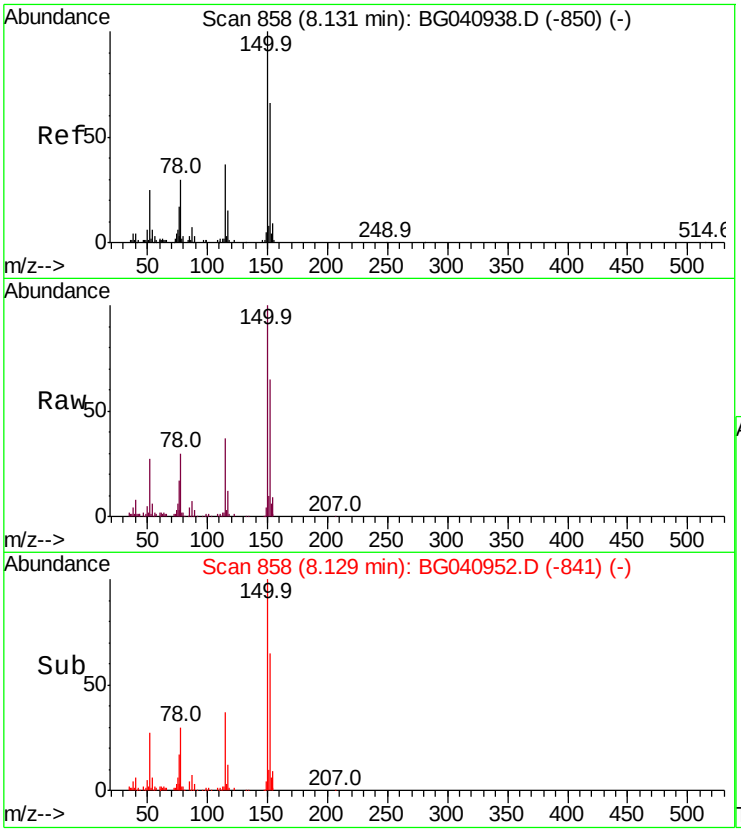
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 18:39:57 2019
Response via : Initial Calibration



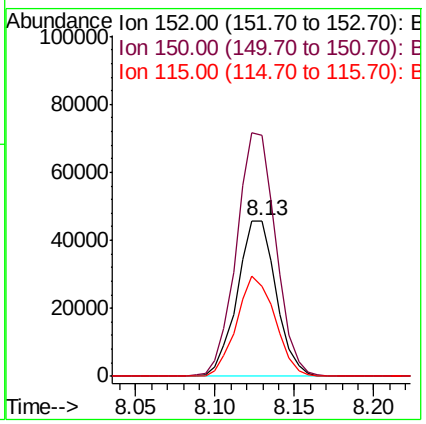


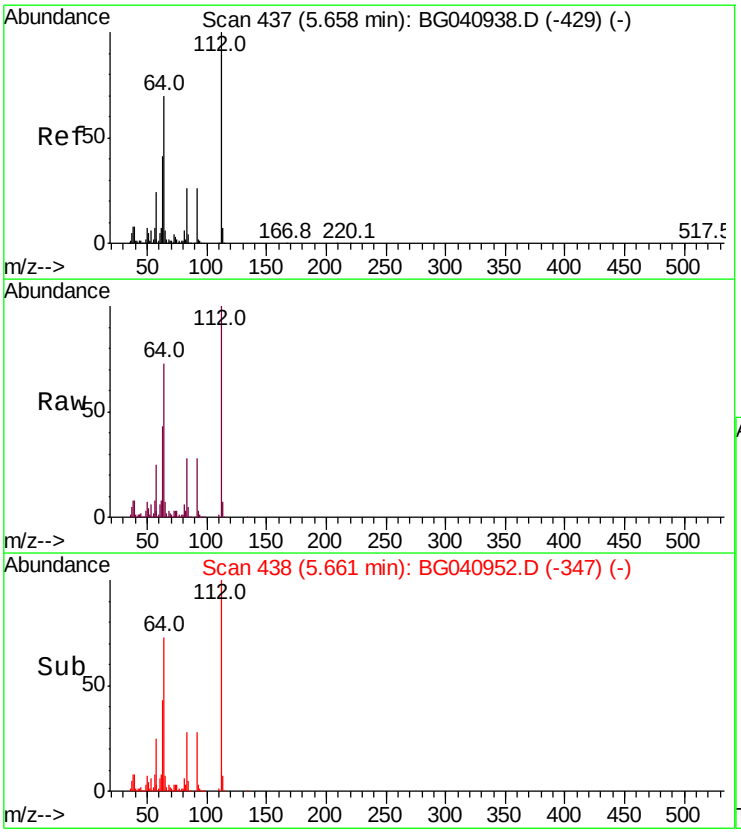
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 858
Delta R.T. -0.00 min
Lab File: BG040952.D
Acq: 30 May 2019 15:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 77910

Ion	Ratio	Lower	Upper
152	100		
150	154.7	120.6	180.8
115	57.5	45.1	67.7

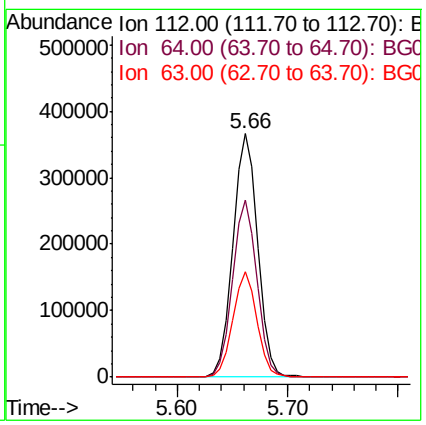


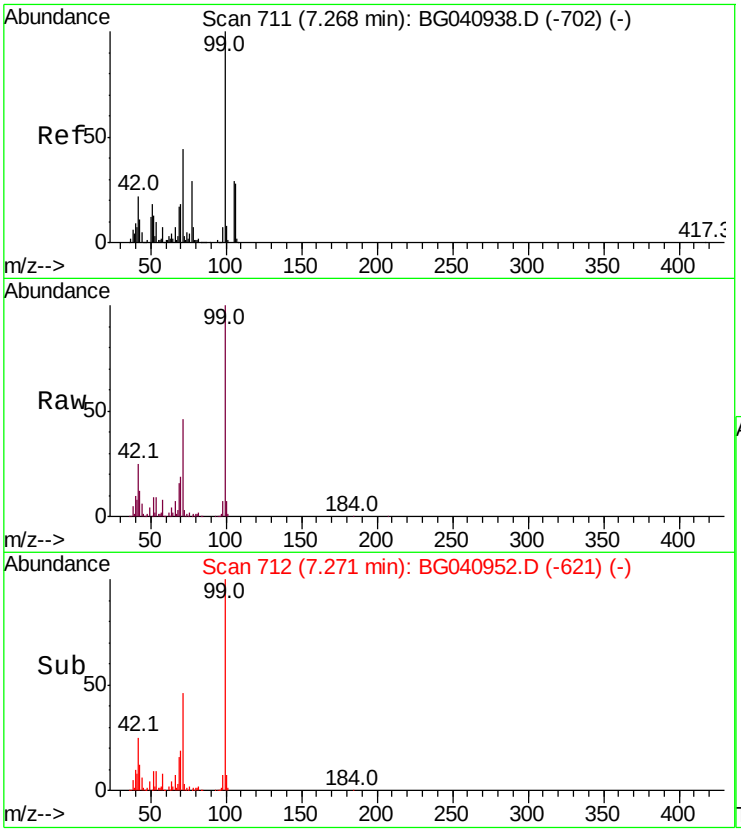


#5
2-Fluorophenol
Concen: 133.556 ng
RT: 5.66 min Scan# 438
Delta R.T. 0.00 min
Lab File: BG040952.D
Acq: 30 May 2019 15:07

Tgt Ion:112 Resp: 577046

Ion	Ratio	Lower	Upper
112	100		
64	72.8	56.2	84.2
63	43.1	32.8	49.2



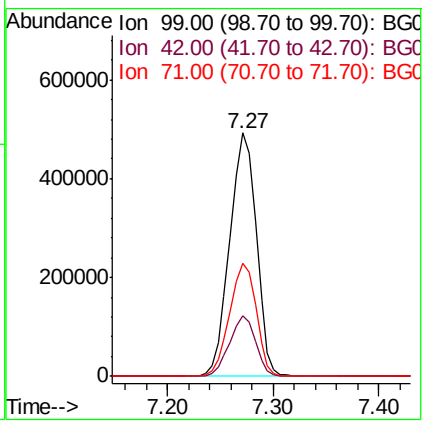


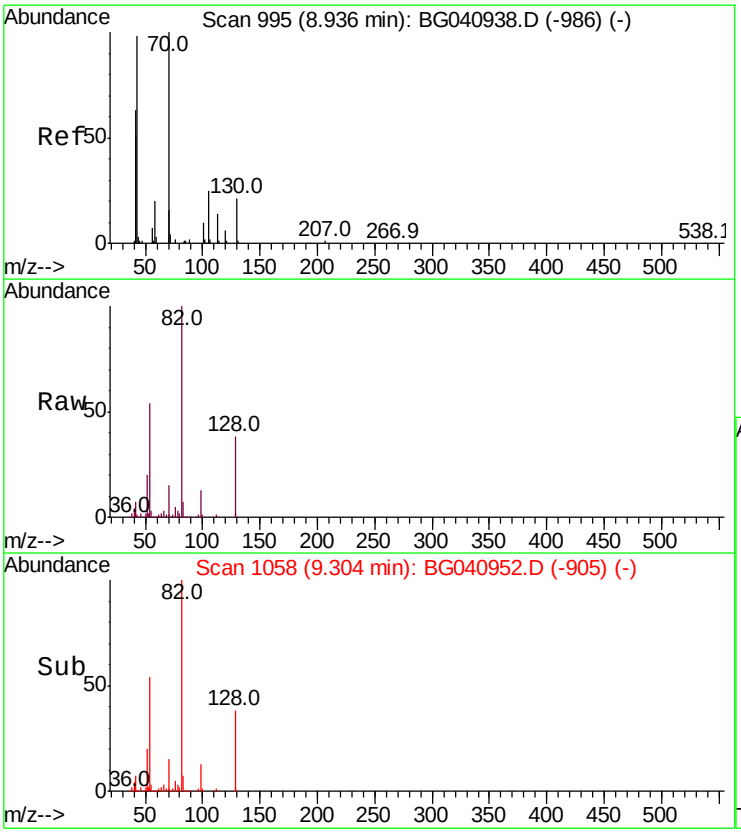
#7
Phenol-d6
Concen: 128.896 ng
RT: 7.27 min Scan# 712
Delta R.T. 0.00 min
Lab File: BG040952.D
Acq: 30 May 2019 15:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 860094

Ion	Ratio	Lower	Upper
99	100		
42	24.9	17.9	26.9
71	46.5	35.4	53.0

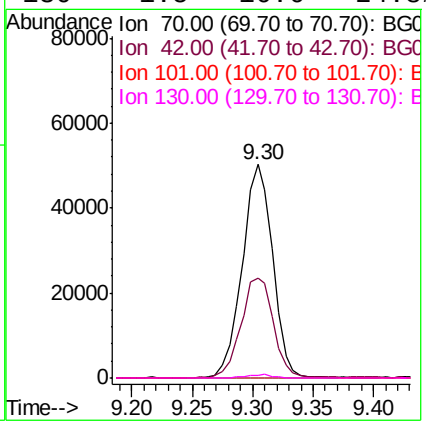


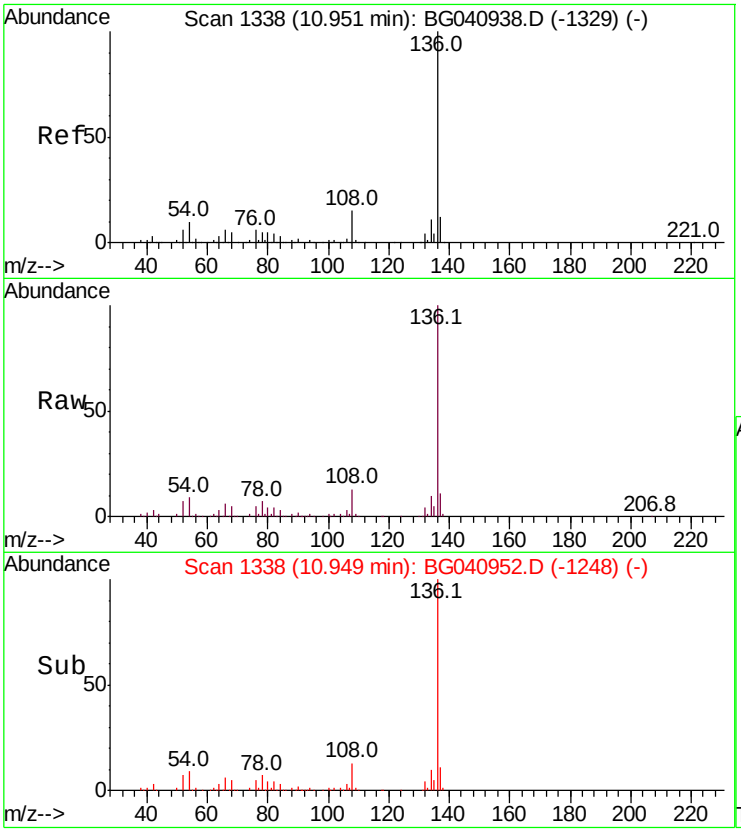


#19
n-Nitroso-di-n-propylamine
Concen: 17.277 ng
RT: 9.30 min Scan# 1058
Delta R.T. 0.37 min
Lab File: BG040952.D
Acq: 30 May 2019 15:07

Tgt Ion: 70 Resp: 88720

Ion	Ratio	Lower	Upper
70	100		
42	46.7	51.5	77.3#
101	0.0	8.1	12.1#
130	1.5	16.6	24.8#



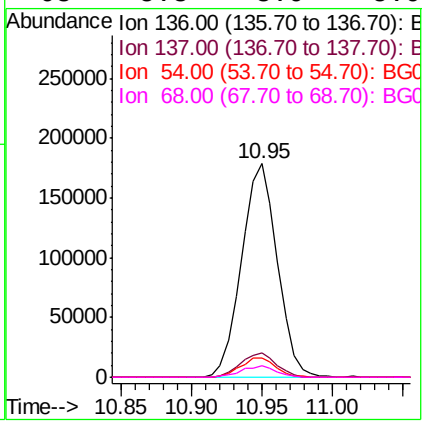


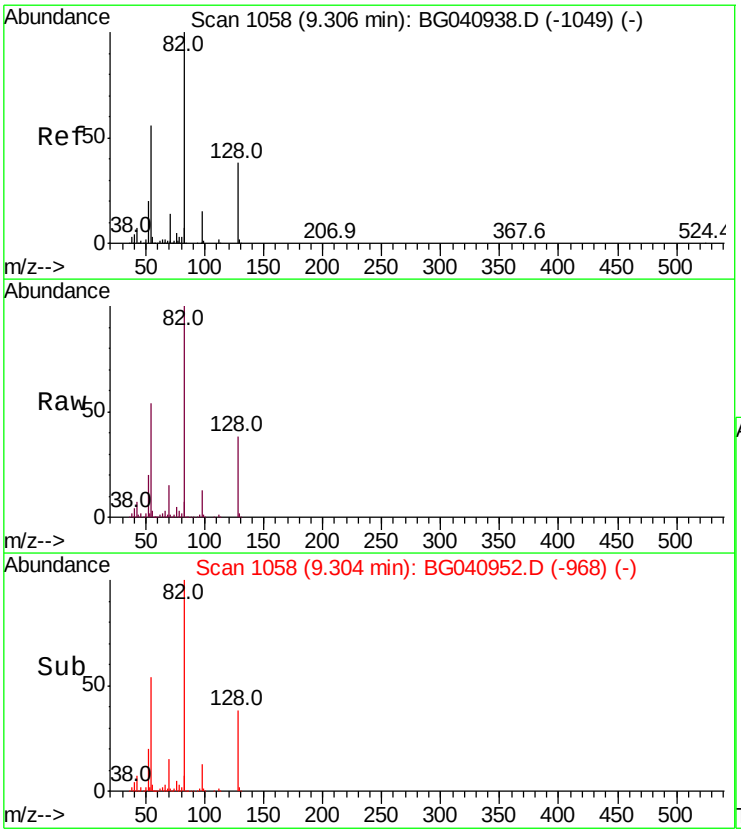
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BG040952.D
Acq: 30 May 2019 15:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 315848

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.5	14.3
54	9.2	7.6	11.4
68	5.3	3.9	5.9

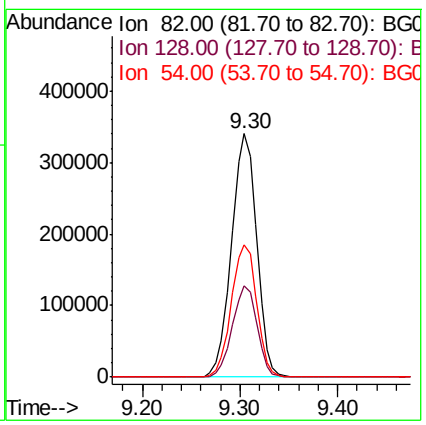


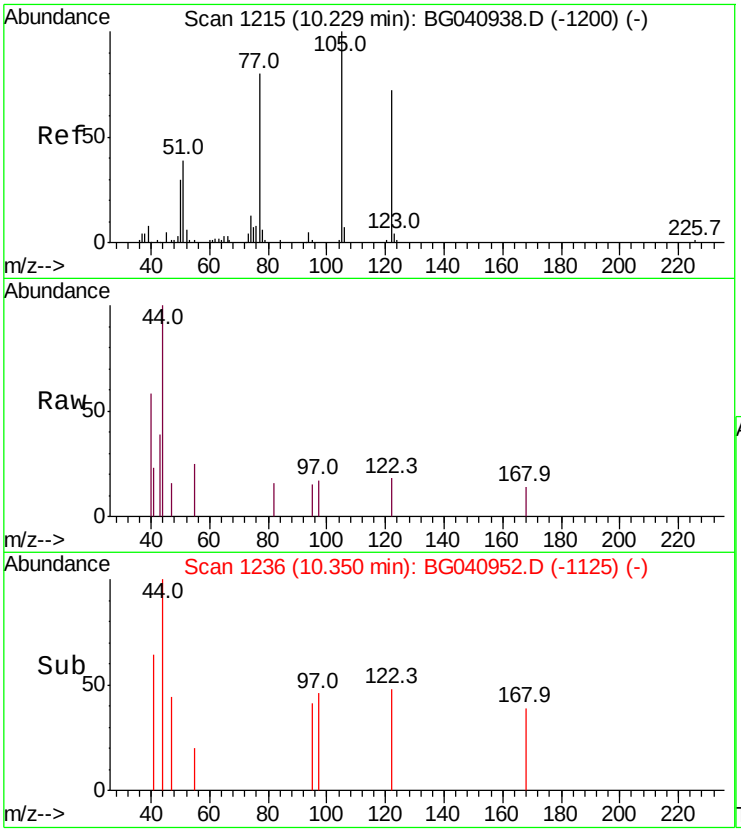


#23
Nitrobenzene-d5
Concen: 85.772 ng
RT: 9.30 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BG040952.D
Acq: 30 May 2019 15:07

Tgt Ion: 82 Resp: 610242

Ion	Ratio	Lower	Upper
82	100		
128	37.6	30.5	45.7
54	54.4	44.6	66.8



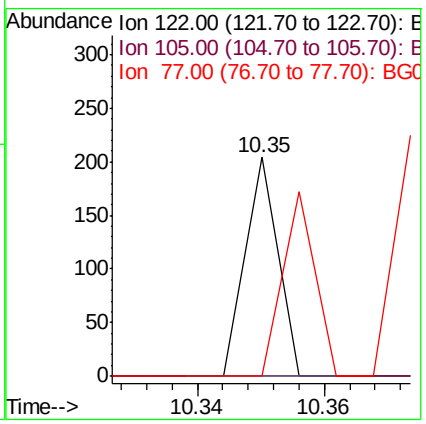


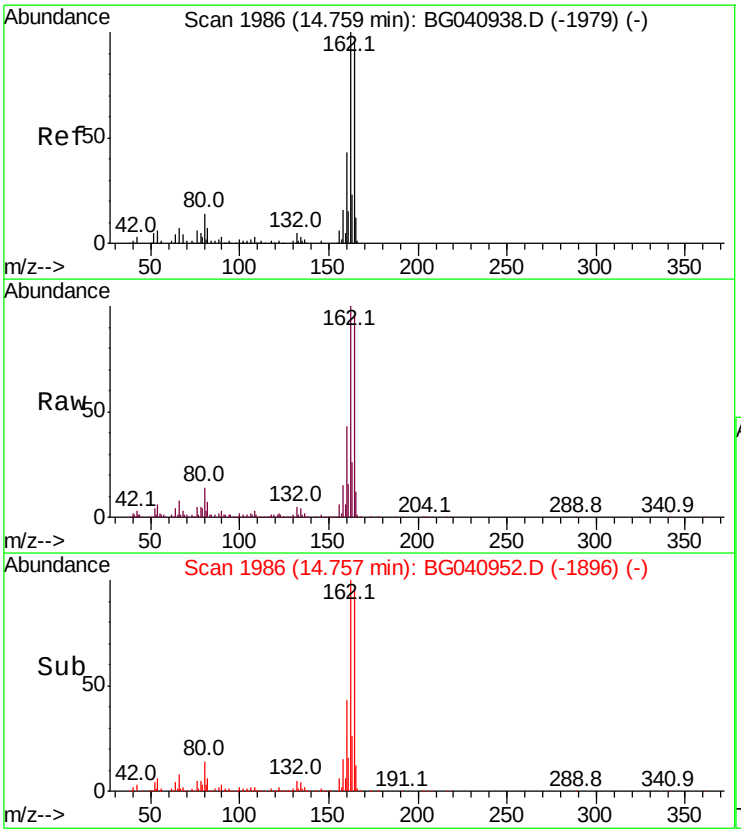
#32
Benzoic acid
Concen: 8.146 ng
RT: 10.35 min Scan# 1236
Delta R.T. 0.12 min
Lab File: BG040952.D
Acq: 30 May 2019 15:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 72

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

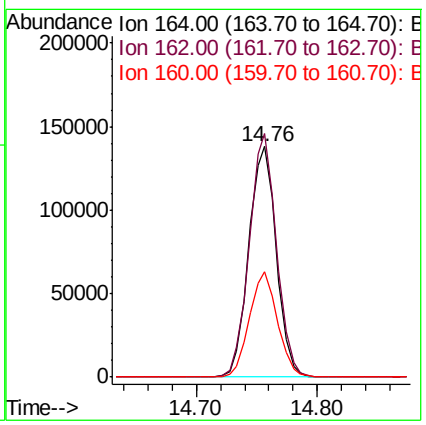


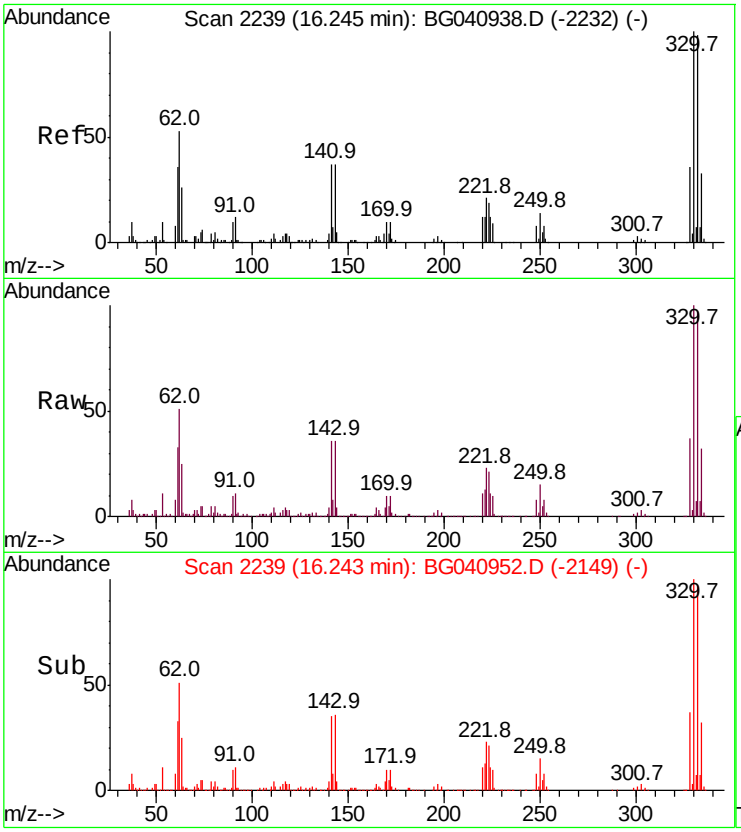


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BG040952.D
Acq: 30 May 2019 15:07

Tgt Ion:164 Resp: 218798

Ion	Ratio	Lower	Upper
164	100		
162	105.6	83.0	124.4
160	45.9	35.6	53.4



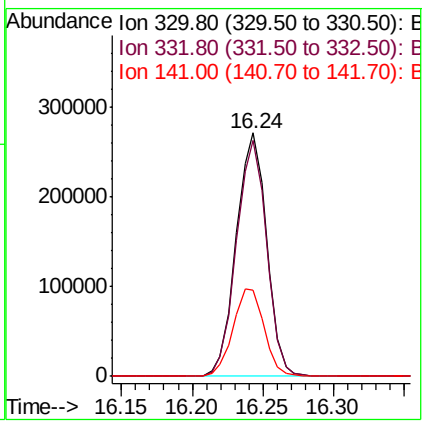


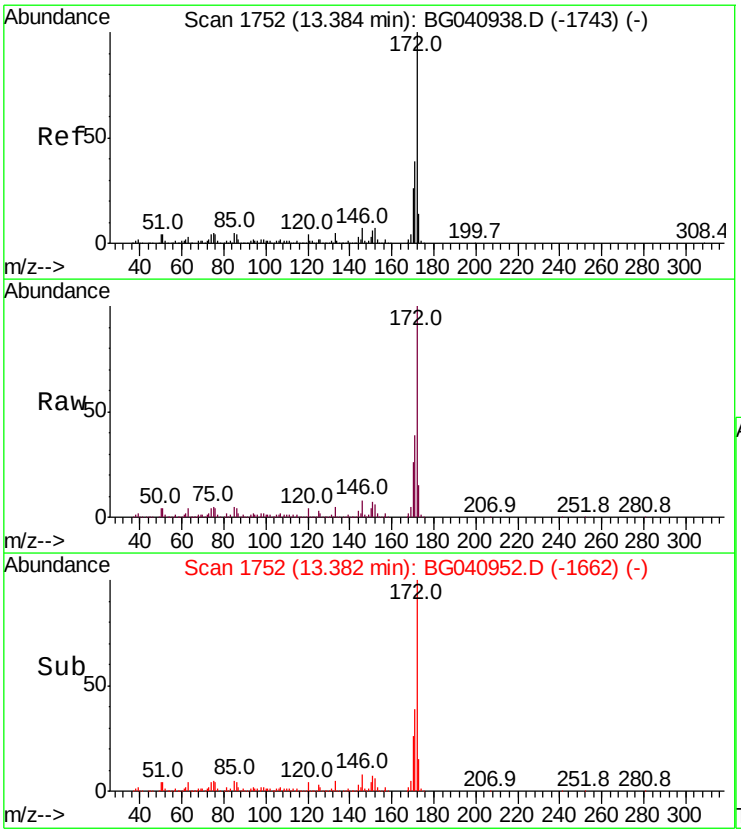
#42
2,4,6-Tribromophenol
Concen: 125.878 ng
RT: 16.24 min Scan# 2239
Delta R.T. -0.00 min
Lab File: BG040952.D
Acq: 30 May 2019 15:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 408878

Ion	Ratio	Lower	Upper
330	100		
332	96.3	78.5	117.7
141	36.6	28.7	43.1

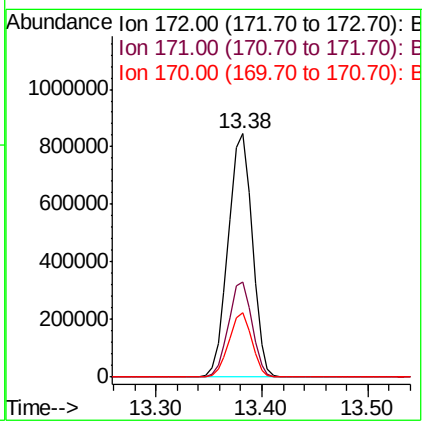


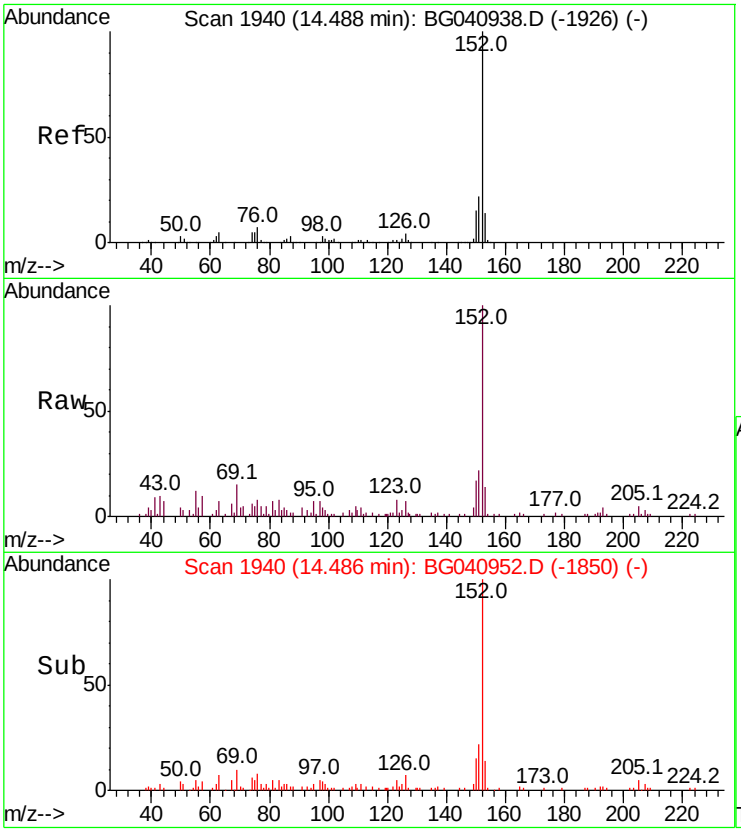


#45
2-Fluorobiphenyl
Concen: 87.370 ng
RT: 13.38 min Scan# 1752
Delta R.T. -0.00 min
Lab File: BG040952.D
Acq: 30 May 2019 15:07

Tgt Ion:172 Resp: 1327424

Ion	Ratio	Lower	Upper
172	100		
171	39.0	31.1	46.7
170	26.3	20.5	30.7



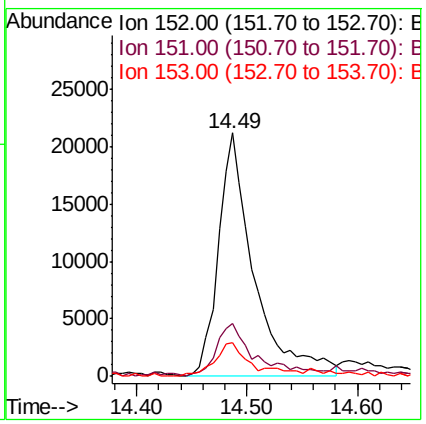


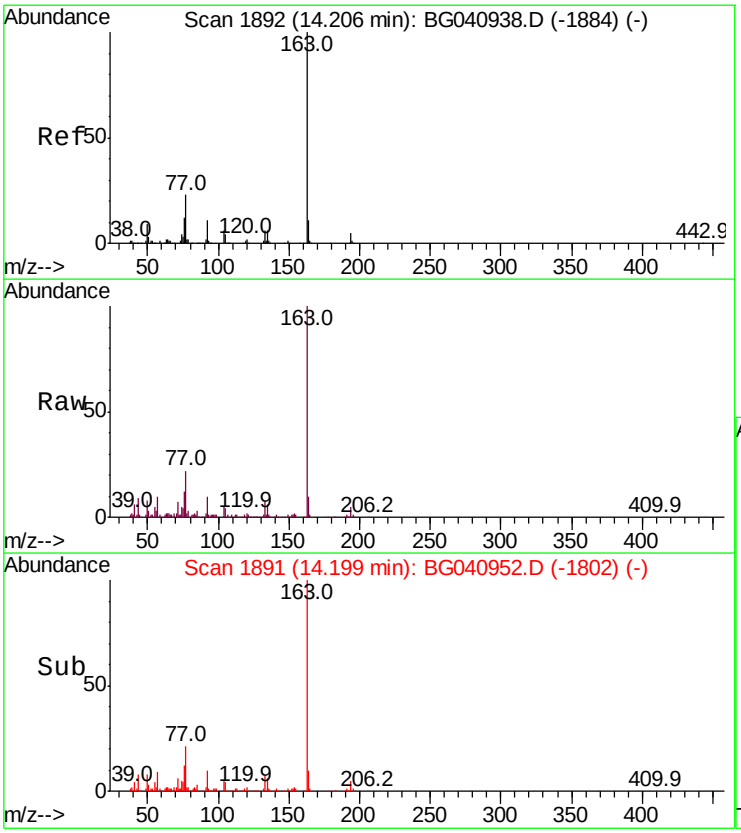
#49
Acenaphthylene
Concen: 2.281 ng
RT: 14.49 min Scan# 1940
Delta R.T. -0.00 min
Lab File: BG040952.D
Acq: 30 May 2019 15:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 47738

Ion	Ratio	Lower	Upper
152	100		
151	22.0	17.4	26.0
153	14.1	11.0	16.4

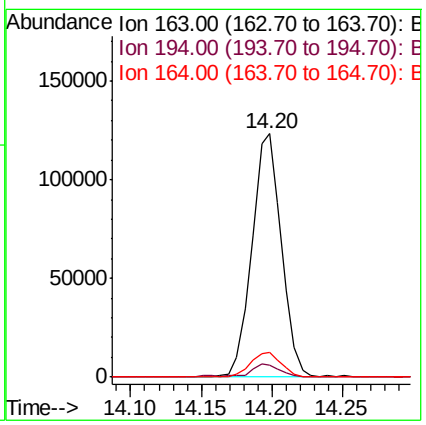


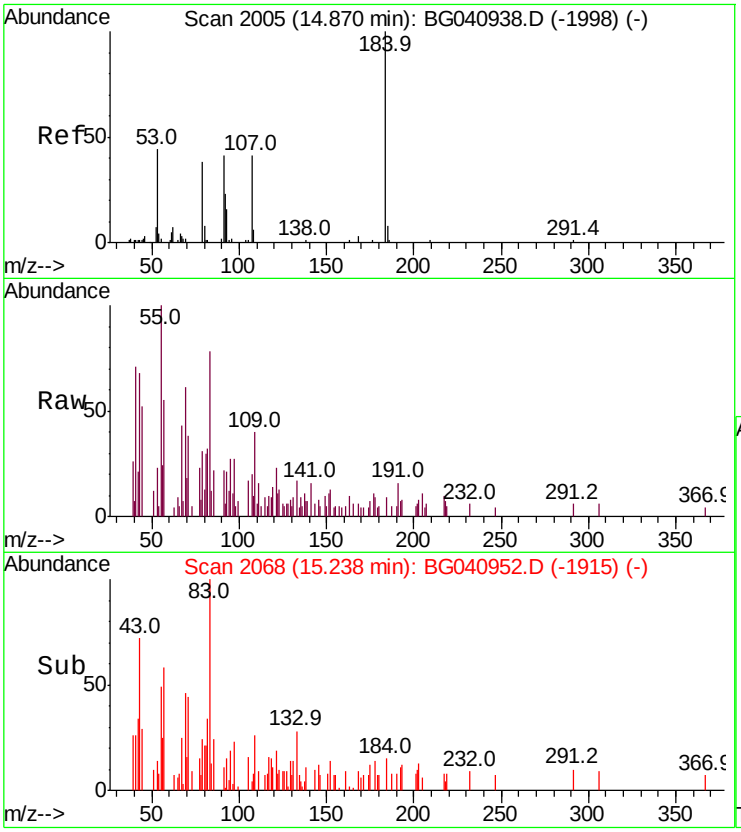


#50
Dimethylphthalate
Concen: 9.769 ng
RT: 14.20 min Scan# 1891
Delta R.T. -0.01 min
Lab File: BG040952.D
Acq: 30 May 2019 15:07

Tgt Ion:163 Resp: 180941

Ion	Ratio	Lower	Upper
163	100		
194	5.1	3.8	5.8
164	10.0	8.7	13.1



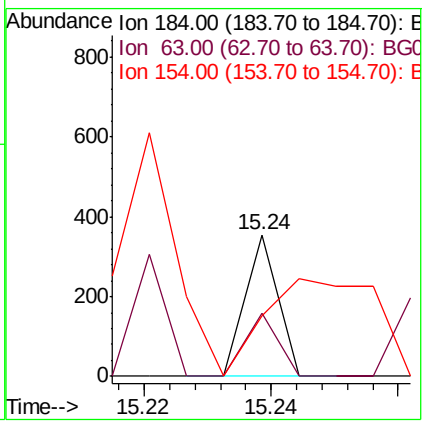


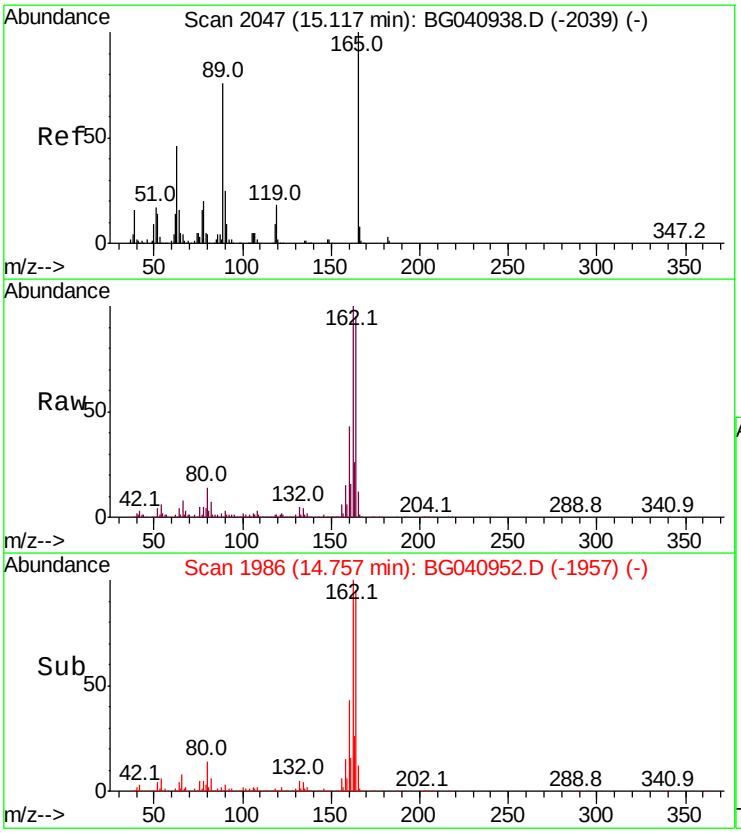
#54
2,4-Dinitrophenol
Concen: 8.326 ng
RT: 15.24 min Scan# 2068
Delta R.T. 0.37 min
Lab File: BG040952.D
Acq: 30 May 2019 15:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 125

Ion	Ratio	Lower	Upper
184	100		
63	44.4	49.8	74.6#
154	43.2	52.2	78.4#

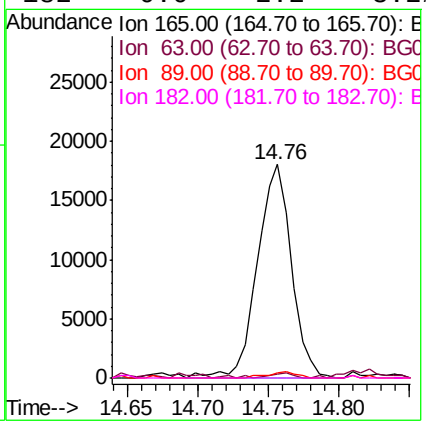


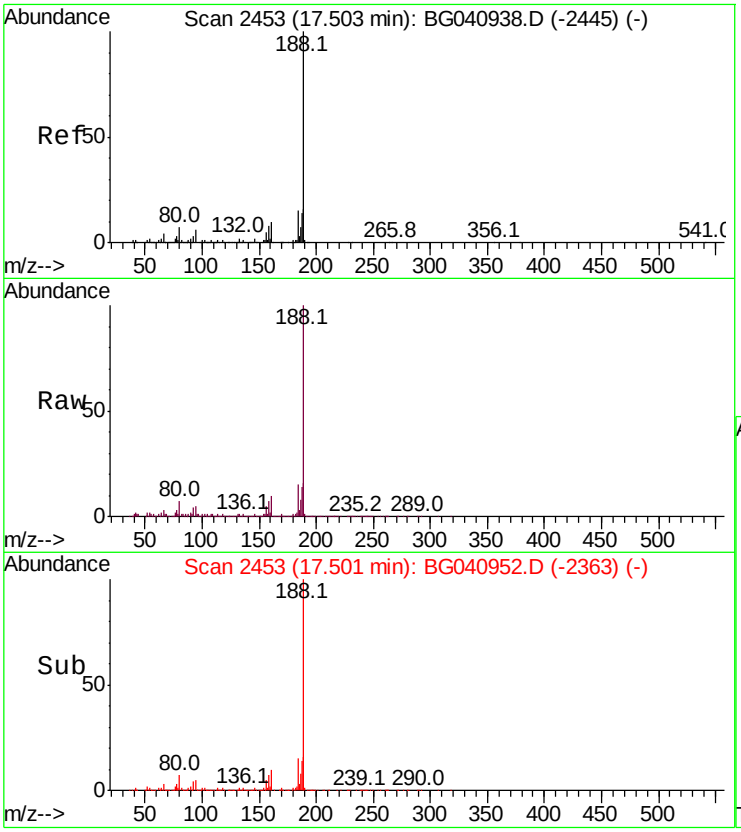


#57
2,4-Dinitrotoluene
Concen: 5.391 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.36 min
Lab File: BG040952.D
Acq: 30 May 2019 15:07

Tgt Ion:165 Resp: 30411

Ion	Ratio	Lower	Upper
165	100		
63	1.5	37.3	55.9#
89	2.2	61.0	91.6#
182	0.0	2.2	3.2#



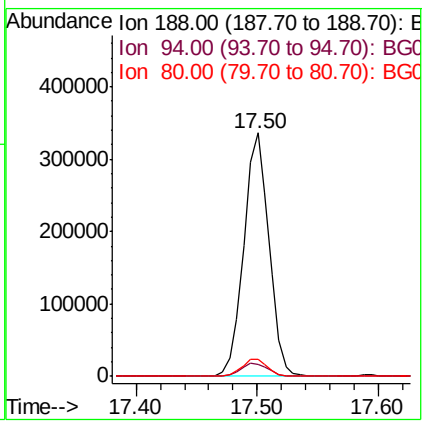


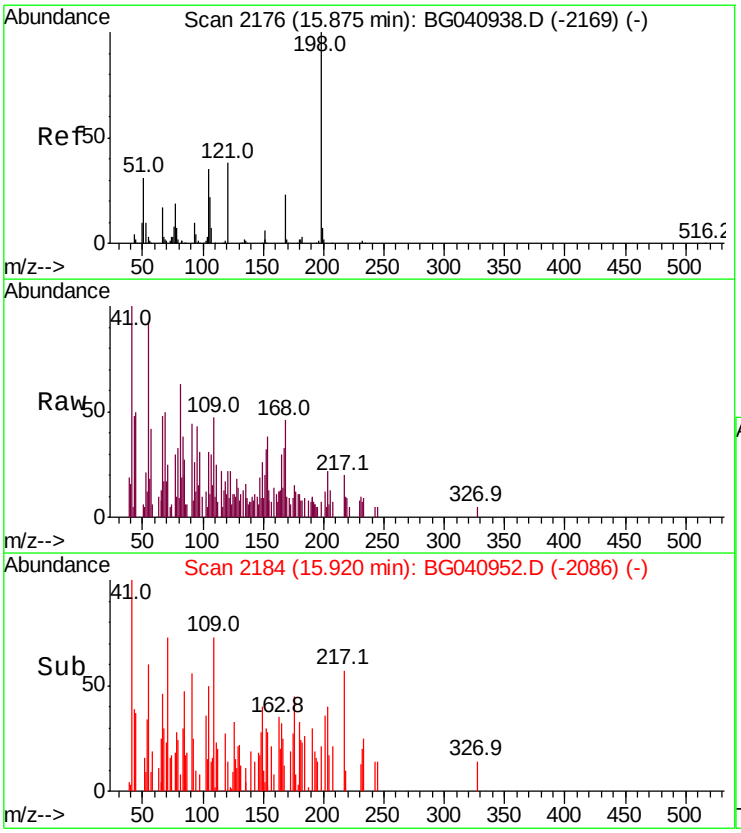
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2453
Delta R.T. -0.00 min
Lab File: BG040952.D
Acq: 30 May 2019 15:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 490283

Ion	Ratio	Lower	Upper
188	100		
94	4.9	4.7	7.1
80	6.9	5.8	8.8

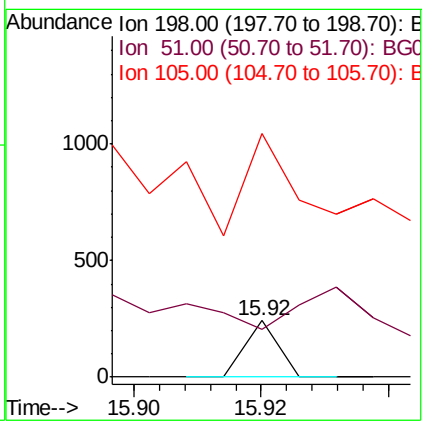


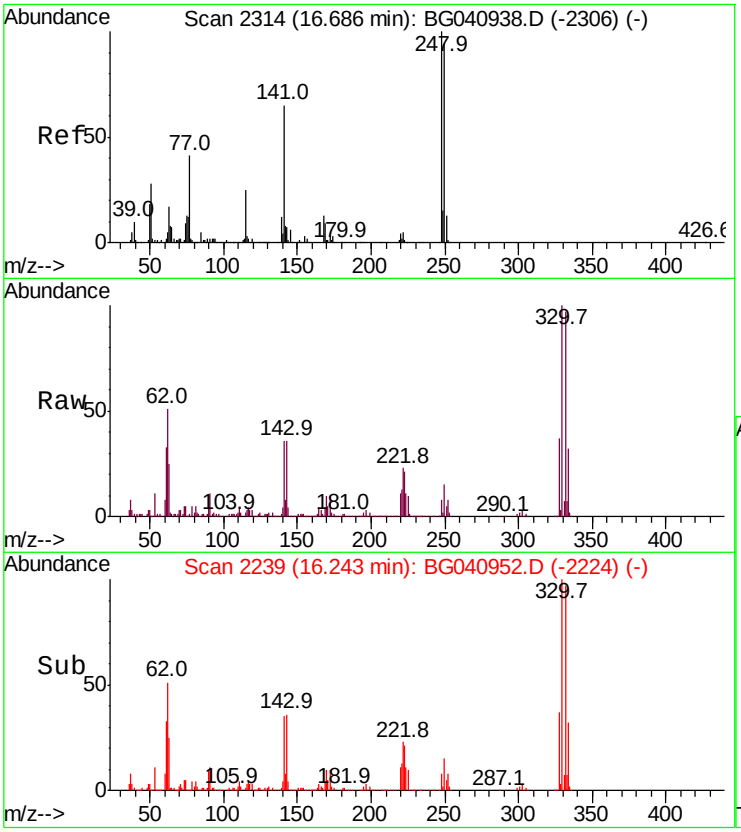


#65
4,6-Dinitro-2-methylphenol
Concen: 8.616 ng
RT: 15.92 min Scan# 2184
Delta R.T. 0.05 min
Lab File: BG040952.D
Acq: 30 May 2019 15:07

Tgt Ion:198 Resp: 85

Ion	Ratio	Lower	Upper
198	100		
51	83.9	21.6	61.6#
105	431.4	17.5	57.5#



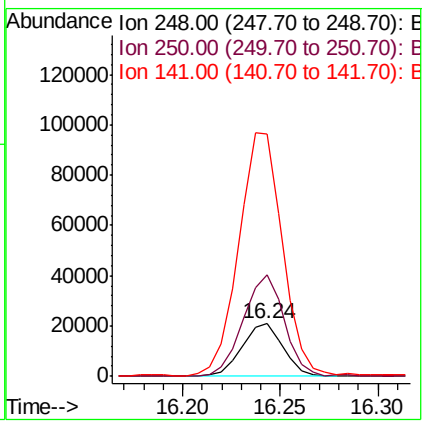


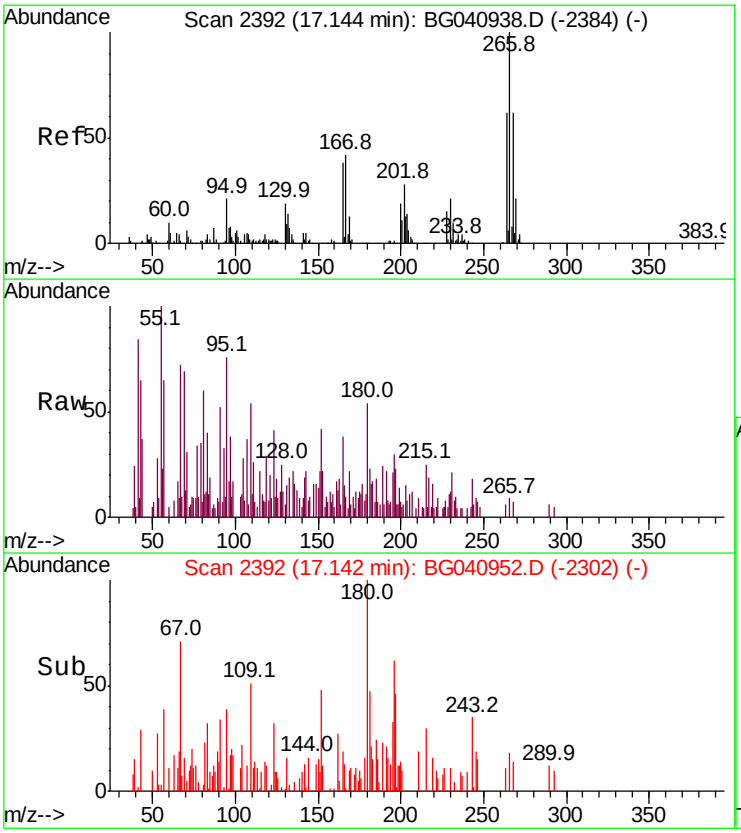
#67
4-Bromophenyl-phenylether
Concen: 4.592 ng
RT: 16.24 min Scan# 2239
Delta R.T. -0.44 min
Lab File: BG040952.D
Acq: 30 May 2019 15:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 30380

Ion	Ratio	Lower	Upper
248	100		
250	193.7	75.0	112.4#
141	459.9	52.4	78.6#

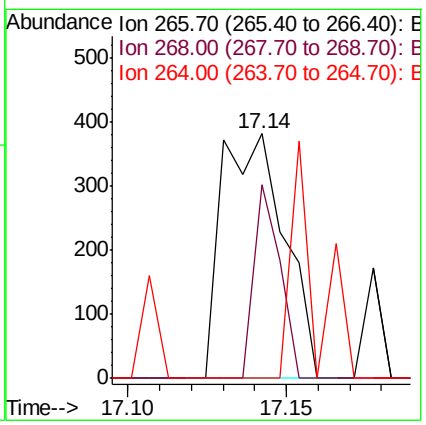


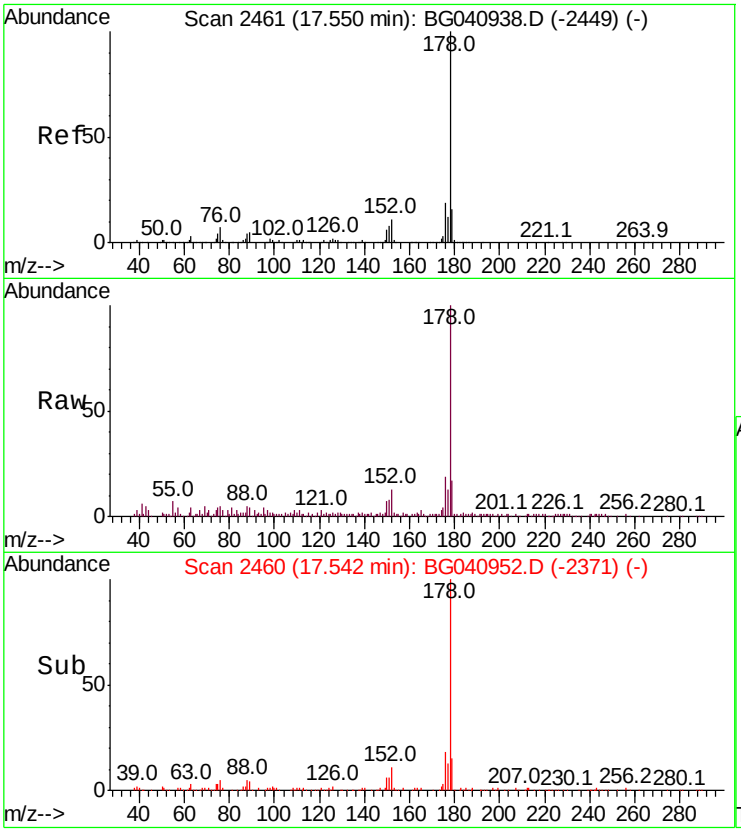


#70
Pentachlorophenol
Concen: 4.387 ng
RT: 17.14 min Scan# 2392
Delta R.T. -0.00 min
Lab File: BG040952.D
Acq: 30 May 2019 15:07

Tgt Ion:266 Resp: 521

Ion	Ratio	Lower	Upper
266	100		
268	79.0	53.1	79.7
264	0.0	49.9	74.9#



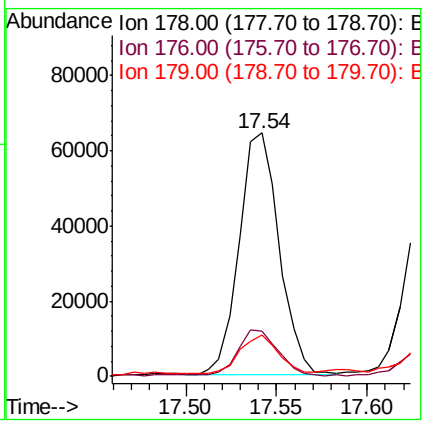


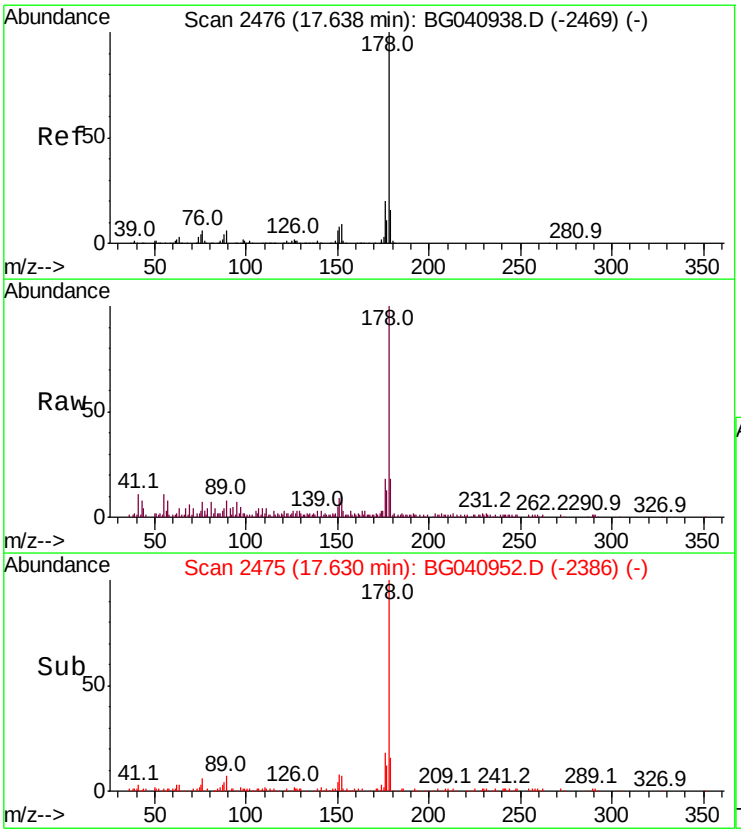
#71
Phenanthrene
Concen: 3.857 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG040952.D
Acq: 30 May 2019 15:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 98496

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.5	23.3
179	16.9	12.7	19.1

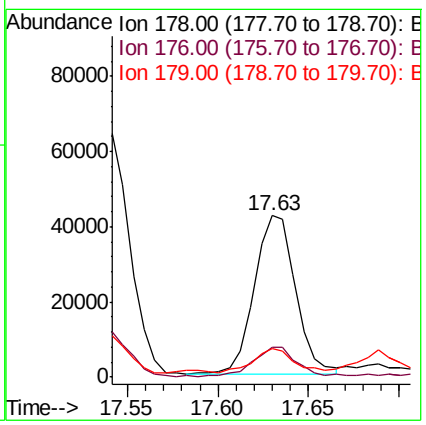


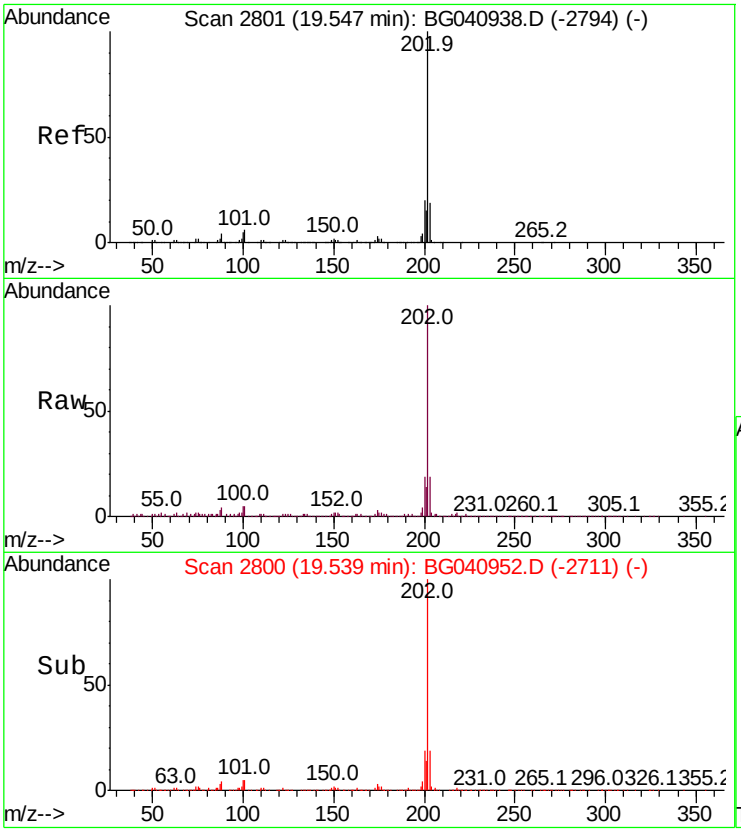


#72
Anthracene
Concen: 2.661 ng
RT: 17.63 min Scan# 2475
Delta R.T. -0.01 min
Lab File: BG040952.D
Acq: 30 May 2019 15:07

Tgt Ion:178 Resp: 67013

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.6	23.4
179	17.6	13.0	19.4



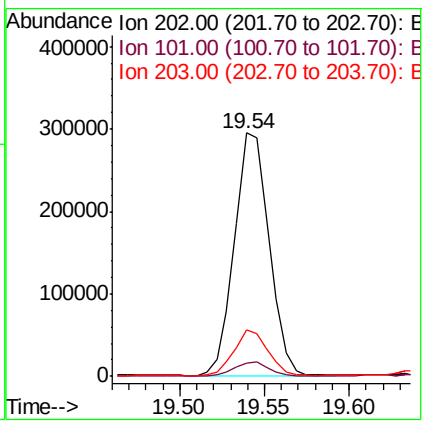


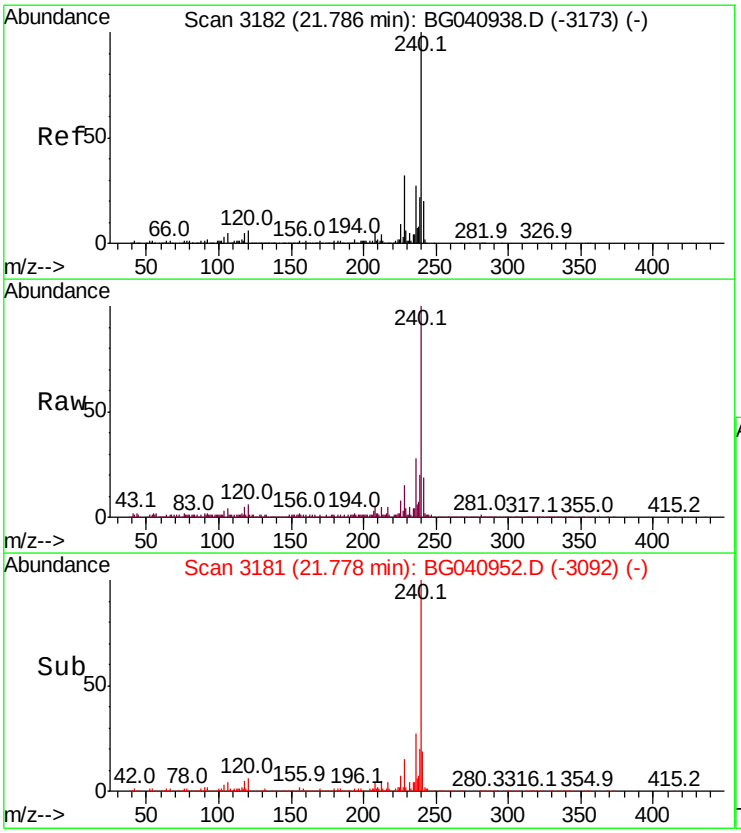
#75
Fluoranthene
Concen: 13.398 ng
RT: 19.54 min Scan# 2800
Delta R.T. -0.01 min
Lab File: BG040952.D
Acq: 30 May 2019 15:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 422612

Ion	Ratio	Lower	Upper
202	100		
101	5.5	0.0	26.2
203	19.0	0.0	38.7

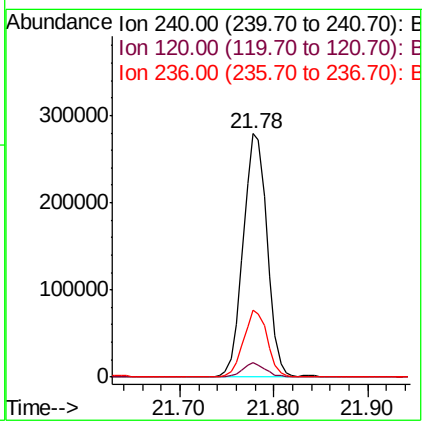


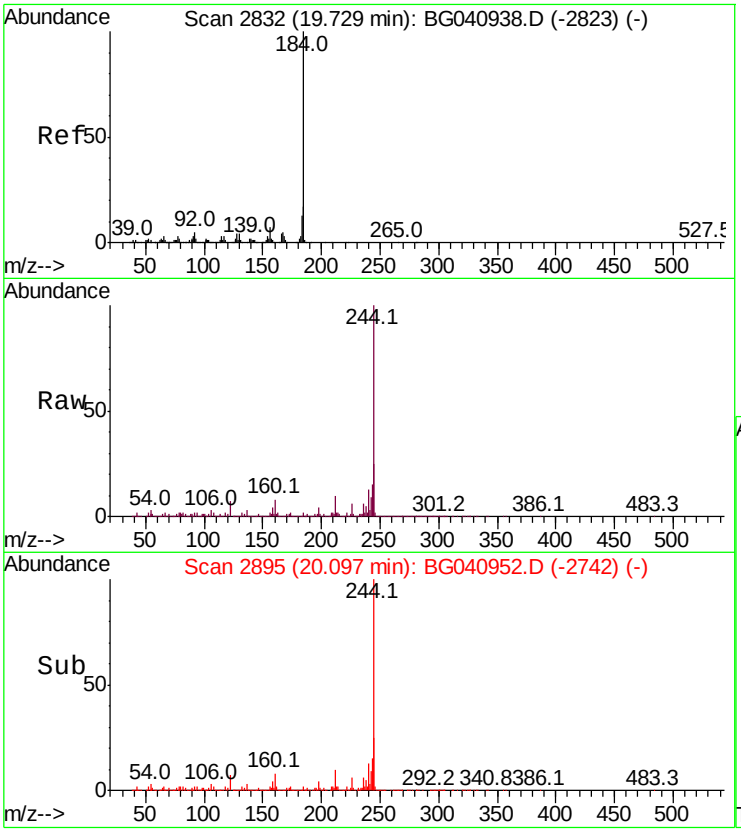


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.78 min Scan# 3181
Delta R.T. -0.01 min
Lab File: BG040952.D
Acq: 30 May 2019 15:07

Tgt Ion:240 Resp: 488014

Ion	Ratio	Lower	Upper
240	100		
120	5.8	4.5	6.7
236	27.6	21.3	31.9



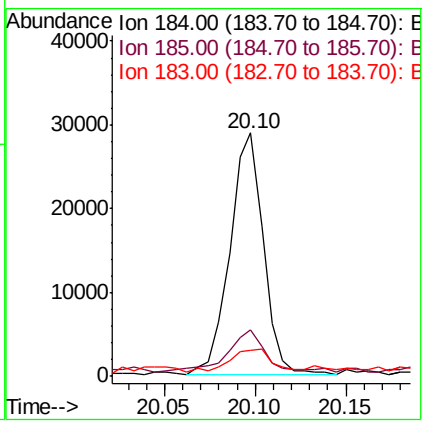


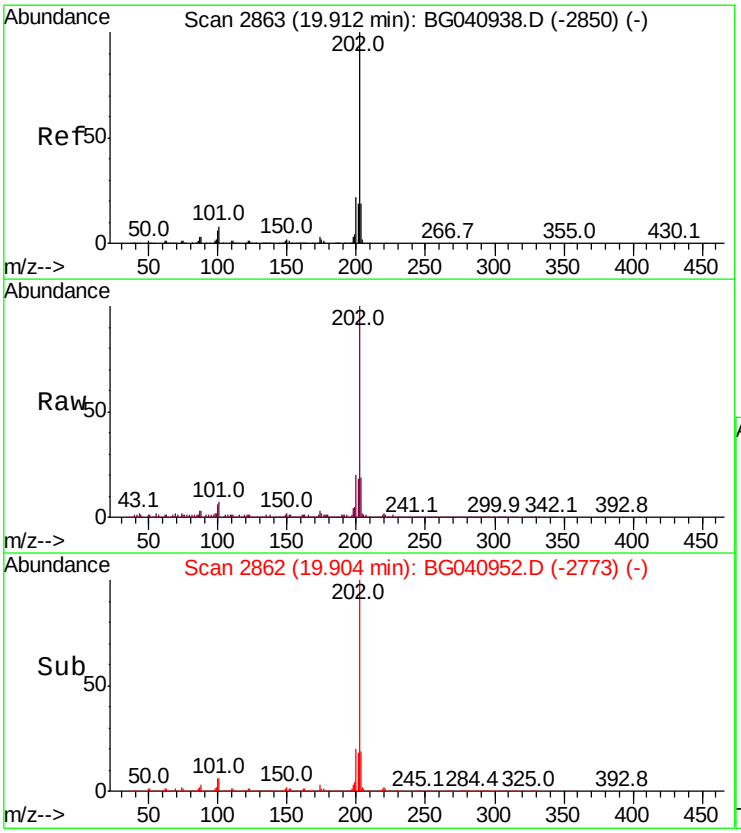
#77
Benzidine
Concen: 3.174 ng
RT: 20.10 min Scan# 2895
Delta R.T. 0.37 min
Lab File: BG040952.D
Acq: 30 May 2019 15:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 36954

Ion	Ratio	Lower	Upper
184	100		
185	19.3	13.3	19.9
183	10.6	10.7	16.1#

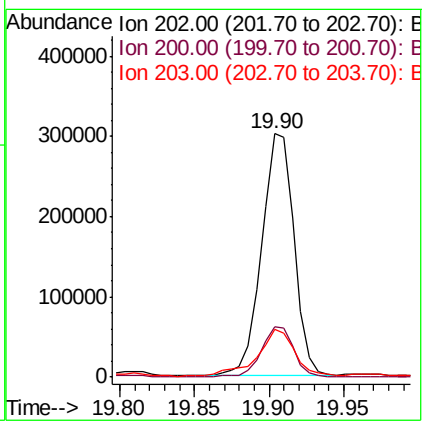


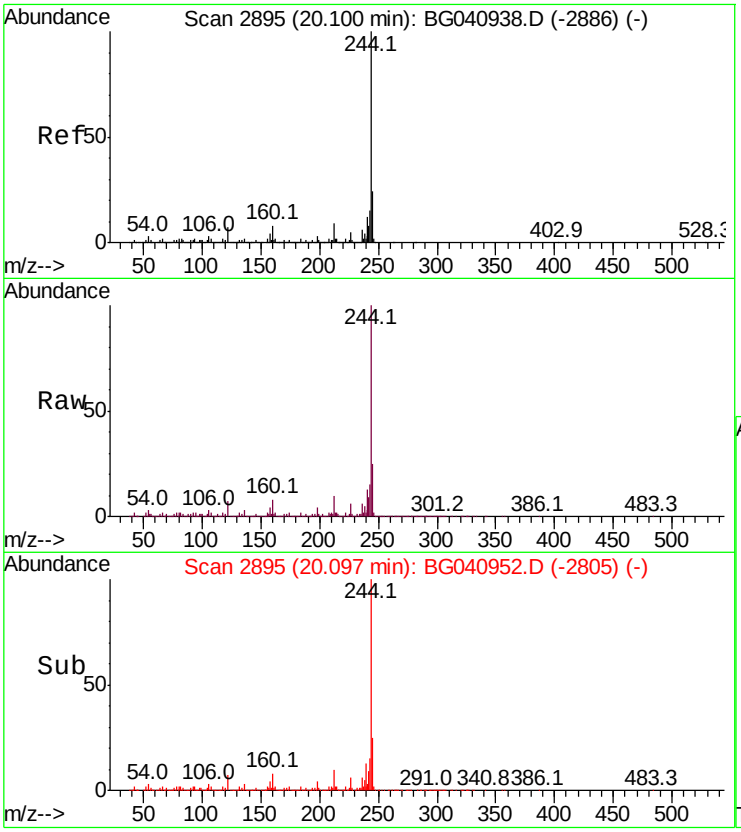


#78
Pyrene
Concen: 14.262 ng
RT: 19.90 min Scan# 2862
Delta R.T. -0.01 min
Lab File: BG040952.D
Acq: 30 May 2019 15:07

Tgt Ion:202 Resp: 452439

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.5	26.3
203	19.5	15.6	23.4



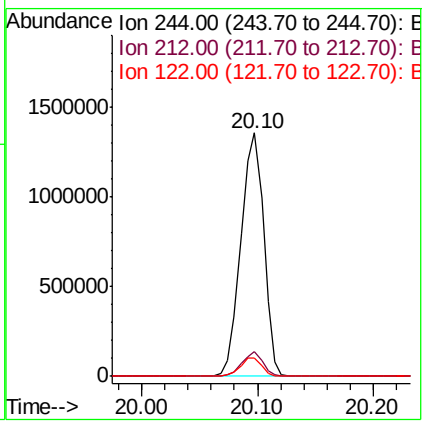


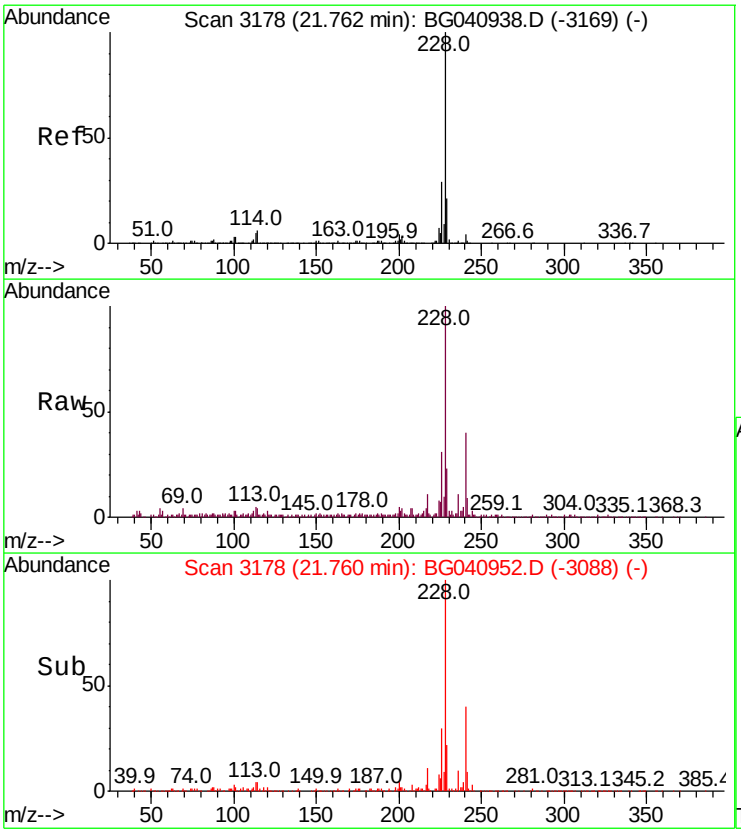
#79
Terphenyl-d14
Concen: 81.303 ng
RT: 20.10 min Scan# 2895
Delta R.T. -0.00 min
Lab File: BG040952.D
Acq: 30 May 2019 15:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1869485

Ion	Ratio	Lower	Upper
244	100		
212	9.9	7.0	10.4
122	7.4	5.4	8.0

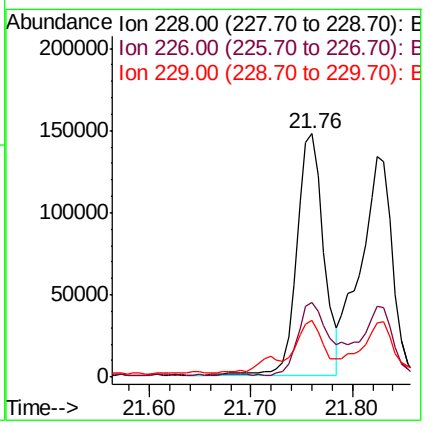


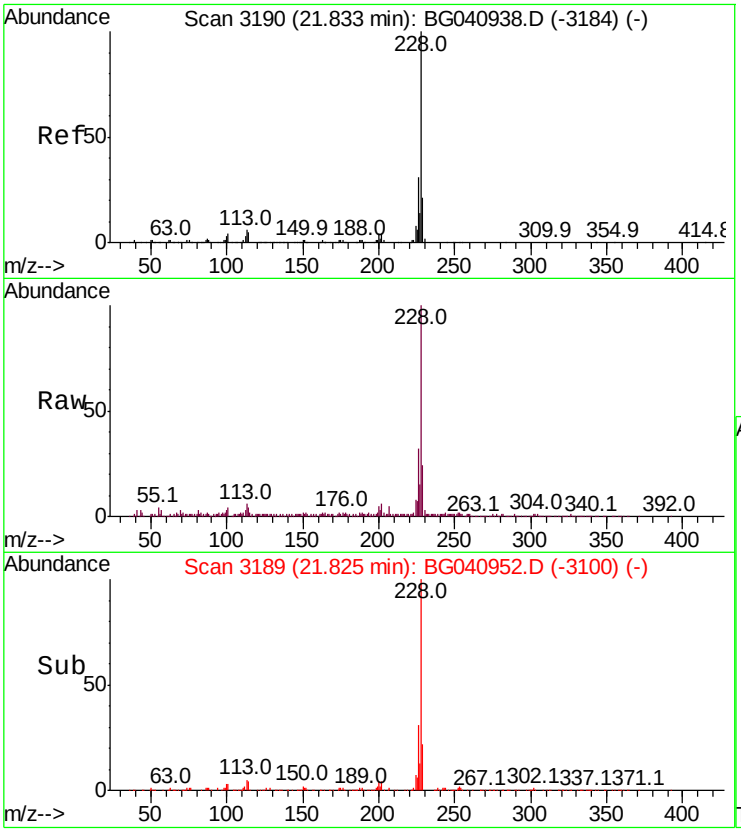


#81
Benzo(a)anthracene
Concen: 8.365 ng
RT: 21.76 min Scan# 3178
Delta R.T. -0.00 min
Lab File: BG040952.D
Acq: 30 May 2019 15:07

Tgt Ion:228 Resp: 271751

Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.5	35.3
229	23.2	16.7	25.1



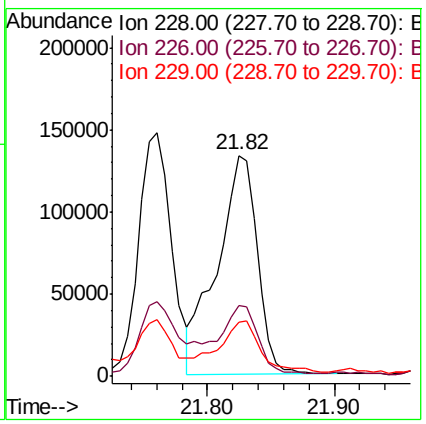


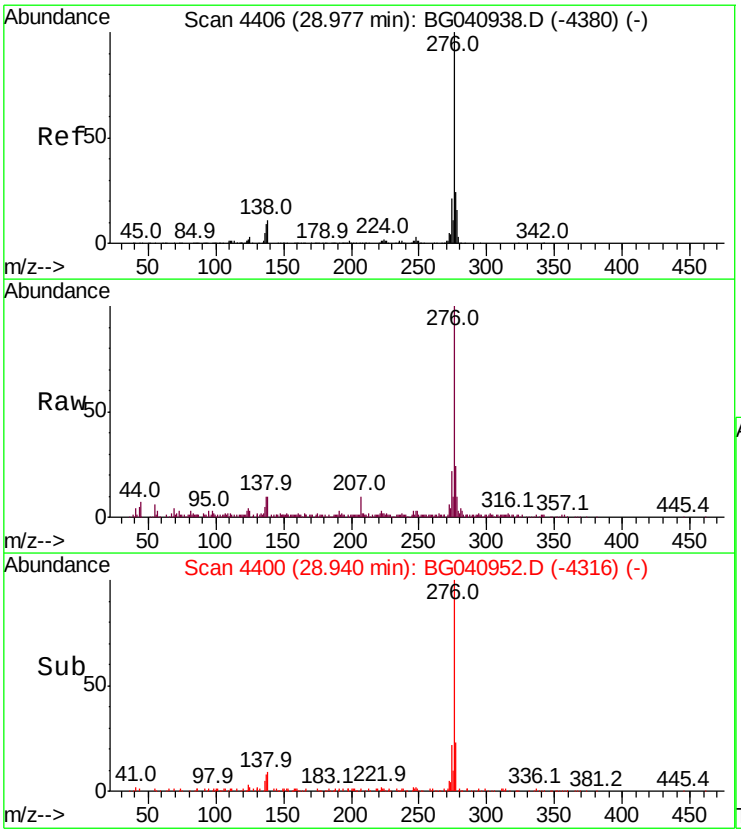
#83
Chrysene
Concen: 9.334 ng
RT: 21.82 min Scan# 3189
Delta R.T. -0.01 min
Lab File: BG040952.D
Acq: 30 May 2019 15:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 290177

Ion	Ratio	Lower	Upper
228	100		
226	32.3	24.6	37.0
229	24.3	16.6	24.8

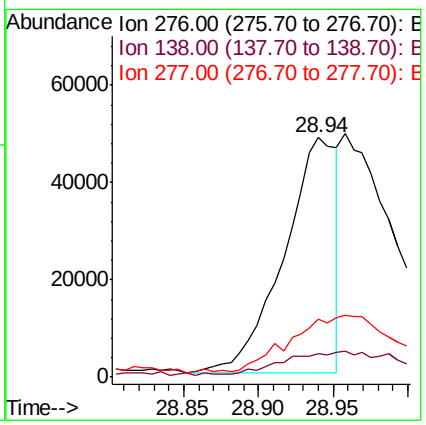


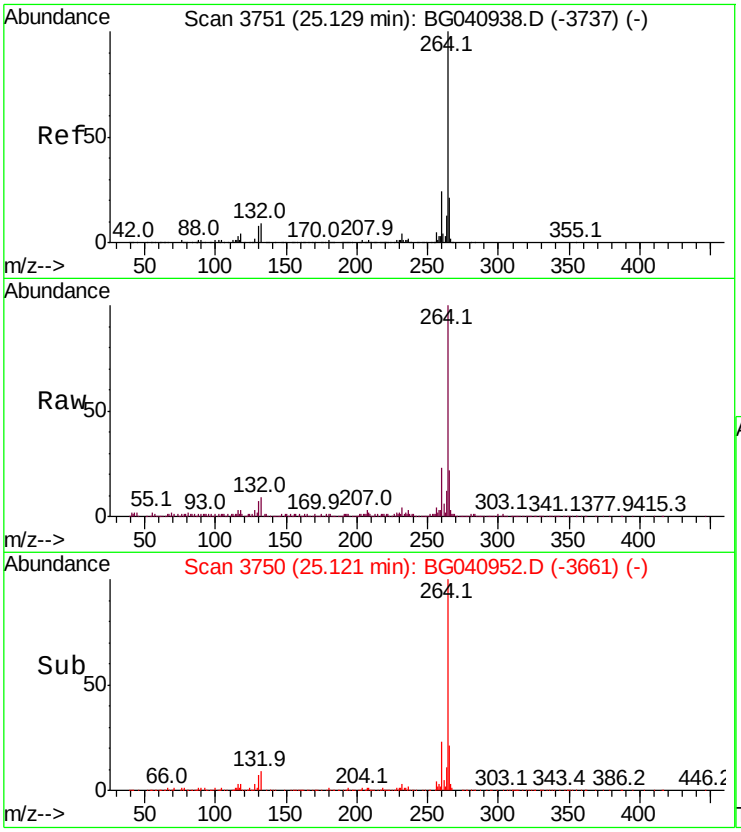


#86
Indeno(1,2,3-cd)pyrene
Concen: 3.110 ng
RT: 28.94 min Scan# 4400
Delta R.T. -0.04 min
Lab File: BG040952.D
Acq: 30 May 2019 15:07

Tgt Ion:276 Resp: 118435

Ion	Ratio	Lower	Upper
276	100		
138	23.8	5.7	8.5#
277	49.7	20.8	31.2#



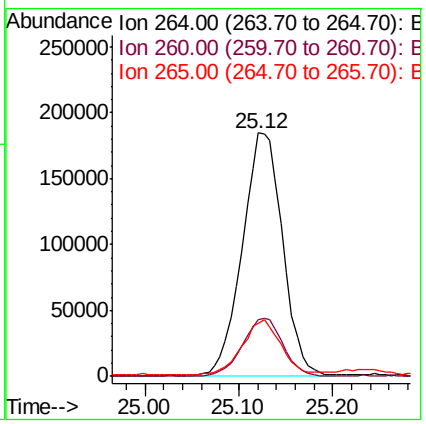


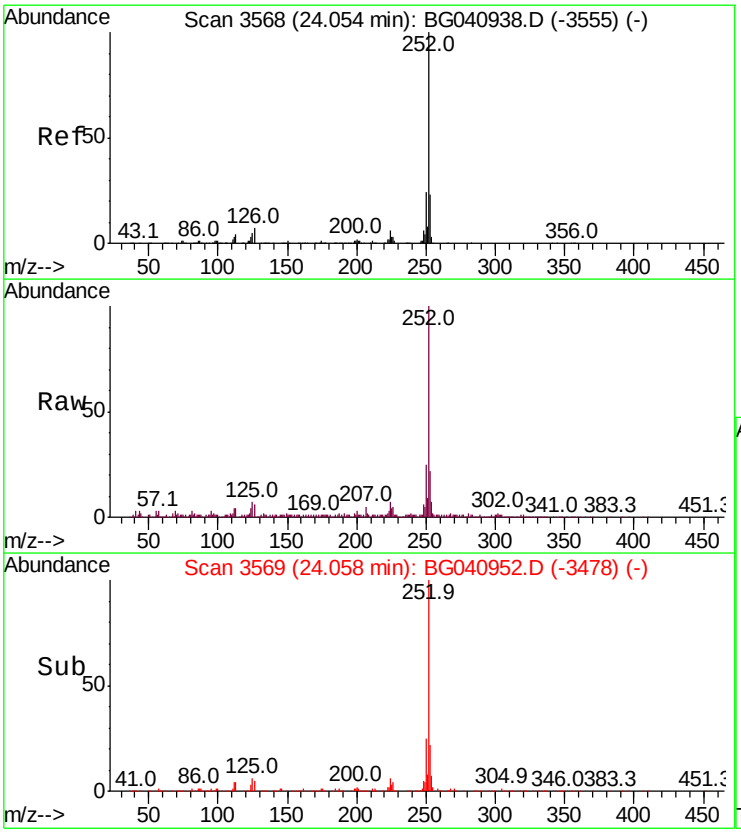
#87
Perylene-d12
Concen: 20.000 ng
RT: 25.12 min Scan# 3750
Delta R.T. -0.01 min
Lab File: BG040952.D
Acq: 30 May 2019 15:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 543871

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.0	28.4
265	21.9	17.0	25.4

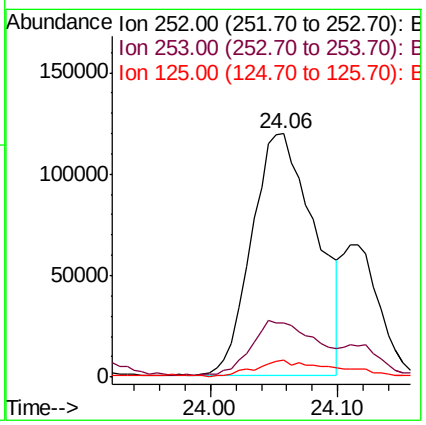


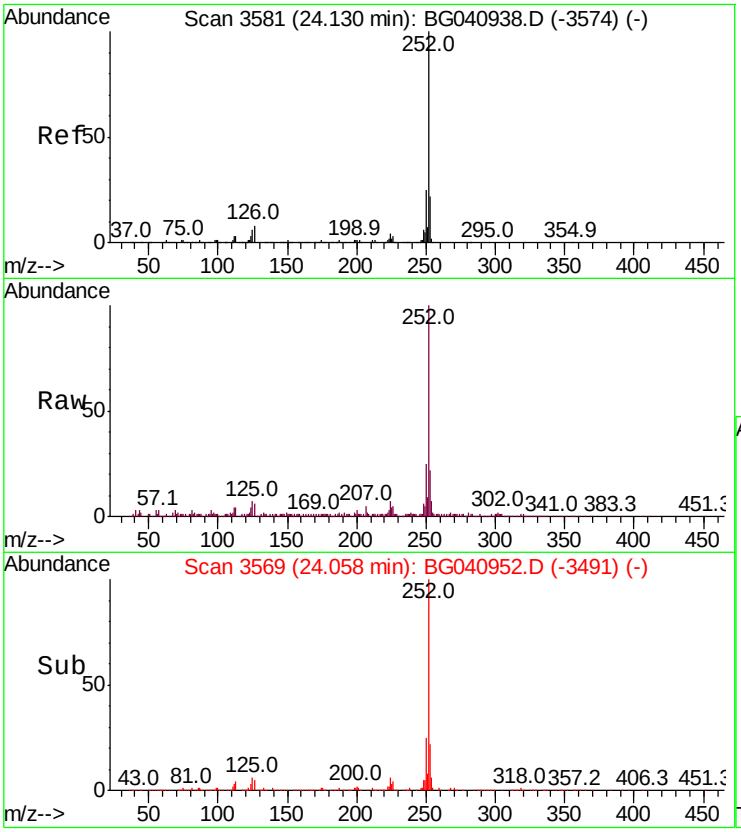


#88
Benzo(b)fluoranthene
Concen: 12.614 ng
RT: 24.06 min Scan# 3569
Delta R.T. 0.00 min
Lab File: BG040952.D
Acq: 30 May 2019 15:07

Tgt Ion:252 Resp: 416098

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.4	27.6
125	7.0	4.3	6.5#



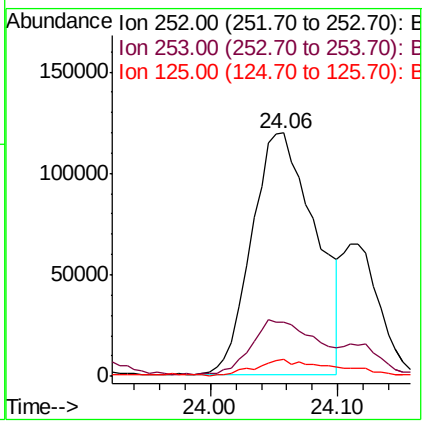


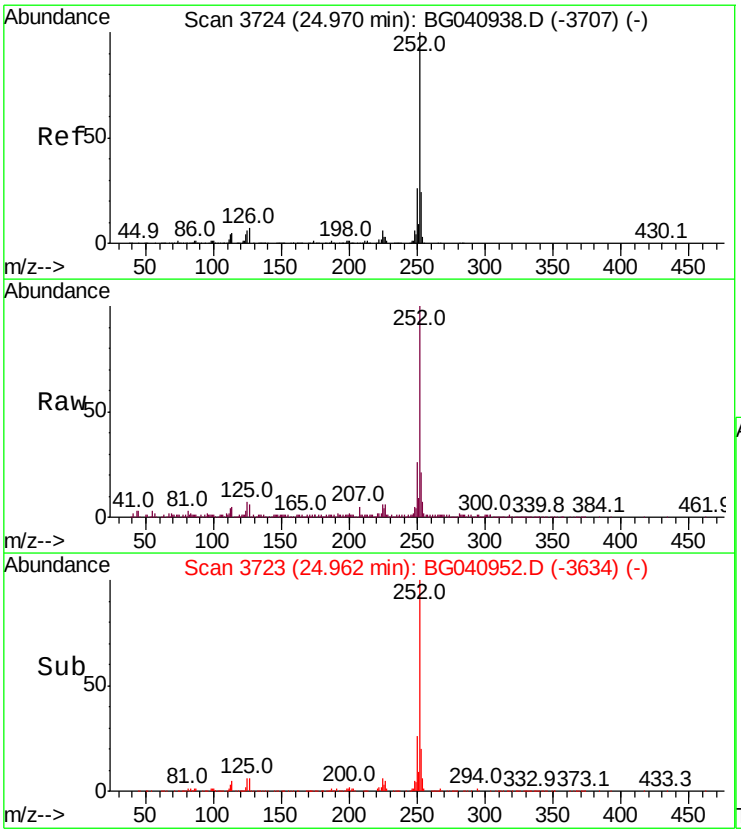
#89
Benzo(k)fluoranthene
Concen: 12.747 ng
RT: 24.06 min Scan# 3569
Delta R.T. -0.07 min
Lab File: BG040952.D
Acq: 30 May 2019 15:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 416098

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	7.0	4.7	7.1

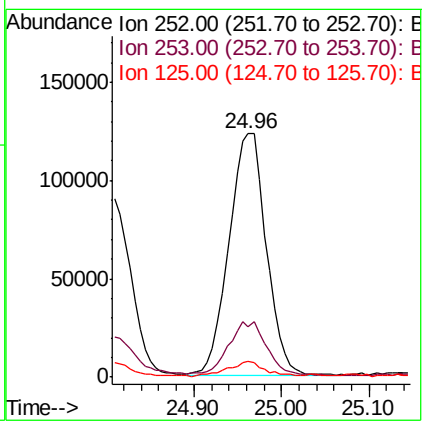


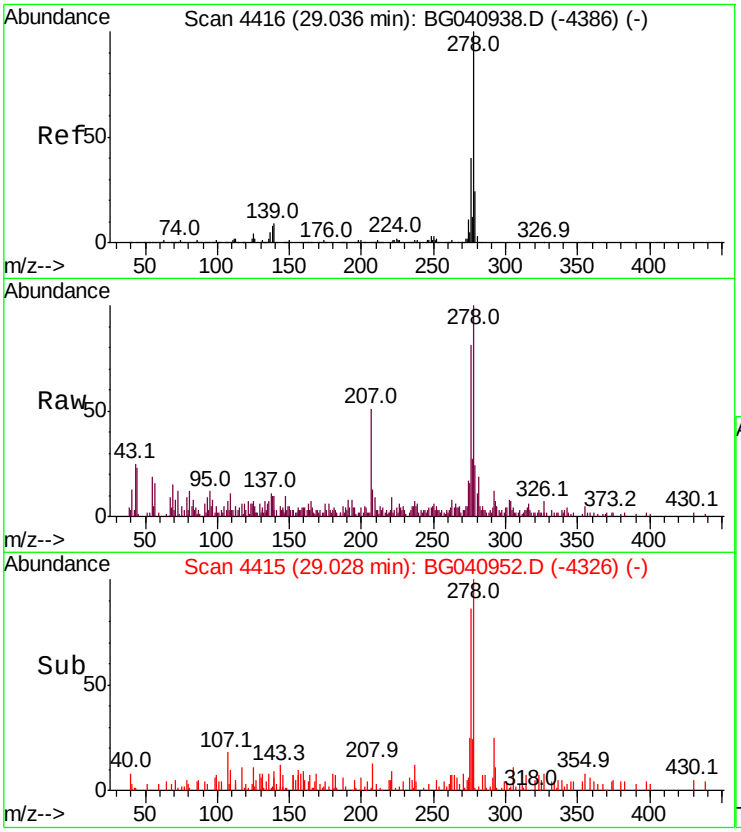


#90
Benzo(a)pyrene
Concen: 11.282 ng
RT: 24.96 min Scan# 3723
Delta R.T. -0.01 min
Lab File: BG040952.D
Acq: 30 May 2019 15:07

Tgt Ion:252 Resp: 355065

Ion	Ratio	Lower	Upper
252	100		
253	20.9	19.5	29.3
125	6.6	5.1	7.7



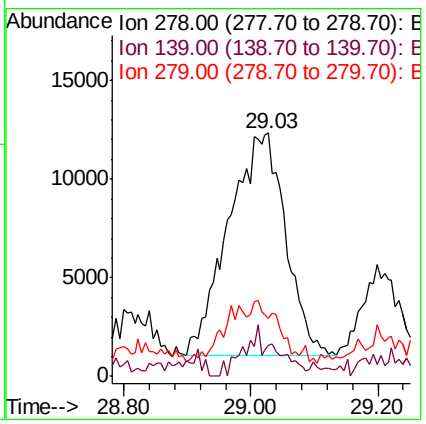


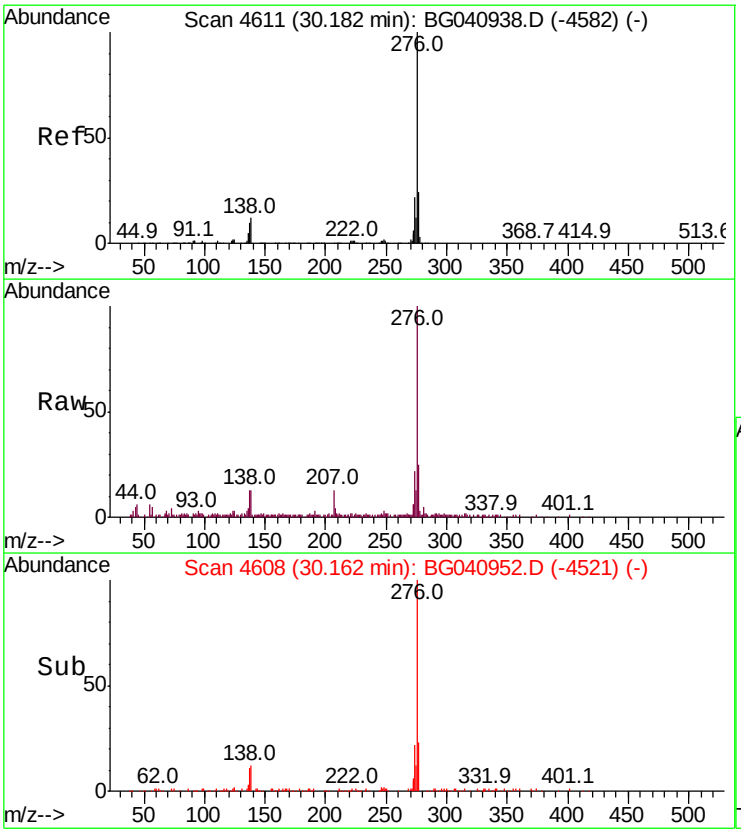
#91
Dibenzo(a,h)anthracene
Concen: 2.248 ng
RT: 29.03 min Scan# 4415
Delta R.T. -0.01 min
Lab File: BG040952.D
Acq: 30 May 2019 15:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:278 Resp: 70694

Ion	Ratio	Lower	Upper
278	100		
139	13.1	7.1	10.7#
279	23.8	19.4	29.2





#92
Benzo(g,h,i)perylene
Concen: 8.077 ng
RT: 30.16 min Scan# 4608
Delta R.T. -0.02 min
Lab File: BG040952.D
Acq: 30 May 2019 15:07

Tgt Ion:276 Resp: 246758

Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.4	29.0
138	13.4	9.7	14.5