Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032119\
Data File : BG040078.D
Acq On : 21 Mar 2019 23:10
Operator : JU/SJ
Sample : K1933-05DL2 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-5DL

Quant Time: Mar 22 01:37:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	37983	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	182918	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	134640	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	323836	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	308041	20.00	ng	-0.03
87) Perylene-d12	25.16	264	311029	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	17066	7.67	ng	-0.02
7) Phenol-d6	7.29	99	25021	7.54	ng	-0.02
23) Nitrobenzene-d5	9.32	82	14115	4.17	ng	-0.02
42) 2,4,6-Tribromophenol	16.27	330	3246	2.07	ng	-0.01
45) 2-Fluorobiphenyl	13.39	172	38140	4.03	ng	-0.02
79) Terphenyl-d14	20.10	244	54283	3.88	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.57	88	57	0.055	ng	# 74
4) n-Nitrosodimethylamine	3.90	42	54	0.041	ng	# 1
10) Phenol	7.32	94	189	0.053	ng	# 37
15) Benzyl Alcohol	8.46	79	155	0.059	ng	# 16
19) n-Nitroso-di-n-propylamine	9.32	70	1963	0.822	ng	# 69
25) Isophorone	9.88	82	59	0.008	ng	# 67
49) Acenaphthylene	14.50	152	56	0.004	ng	# 59
50) Dimethylphthalate	14.22	163	4686	0.416	ng	# 92
51) 2,6-Dinitrotoluene	14.77	165	16936	7.096	ng	# 23
52) Acenaphthene	14.77	154	492	0.060	ng	# 5
55) Dibenzofuran	15.18	168	61	0.005	ng	# 45
57) 2,4-Dinitrotoluene	14.77	165	16936	5.050	ng	# 18
58) Fluorene	15.82	166	84	0.008	ng	# 80
60) Diethylphthalate	15.55	149	236	0.021	ng	# 58
67) 4-Bromophenyl-phenylether	16.26	248	172	0.047	ng	# 41
69) Atrazine	17.12	200	55	0.015	ng	# 35
70) Pentachlorophenol	17.60	266	53	0.022	ng	# 18
71) Phenanthrene	17.56	178	2074	0.116	ng	# 88
72) Anthracene	17.65	178	419	0.024	ng	# 60
73) Carbazole	17.92	167	119	0.008	ng	# 57
74) Di-n-butylphthalate	18.44	149	686	0.037	ng	# 77
75) Fluoranthene	19.56	202	3999	0.190	ng	89
77) Benzidine	20.10	184	826	0.085	ng	# 74
78) Pyrene	19.93	202	3307	0.165	ng	95
80) Butylbenzylphthalate	20.78	149	418	0.054	ng	# 70
81) Benzo(a)anthracene	21.78	228	3373	0.175	ng	# 85
82) 3,3'-Dichlorobenzidine	21.97	252	58	0.008	ng	# 26
83) Chrysene	21.85	228	1480	0.079	ng	# 85
84) Bis(2-ethylhexyl)phthalate	21.65	149	524724	48.150	ng	99
85) Di-n-octyl phthalate	22.88	149	2001	0.111	ng	# 93
86) Indeno(1,2,3-cd)pyrene	29.05	276	435	0.020	ng	# 77
88) Benzo(b)fluoranthene	24.08	252	2779	0.150	ng	# 76
89) Benzo(k)fluoranthene	24.14	252	1283	0.074	ng	# 59
90) Benzo(a)pyrene	25.01	252	1790	0.104	ng	# 59

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032119\
Data File : BG040078.D
Acq On : 21 Mar 2019 23:10
Operator : JU/SJ
Sample : K1933-05DL2 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-5DL

Quant Time: Mar 22 01:37:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
91) Dibenzo(a,h)anthracene	29.10	278	115	0.007	ng	#	56
92) Benzo(g,h,i)perylene	30.28	276	317	0.019	ng	#	54

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032119\
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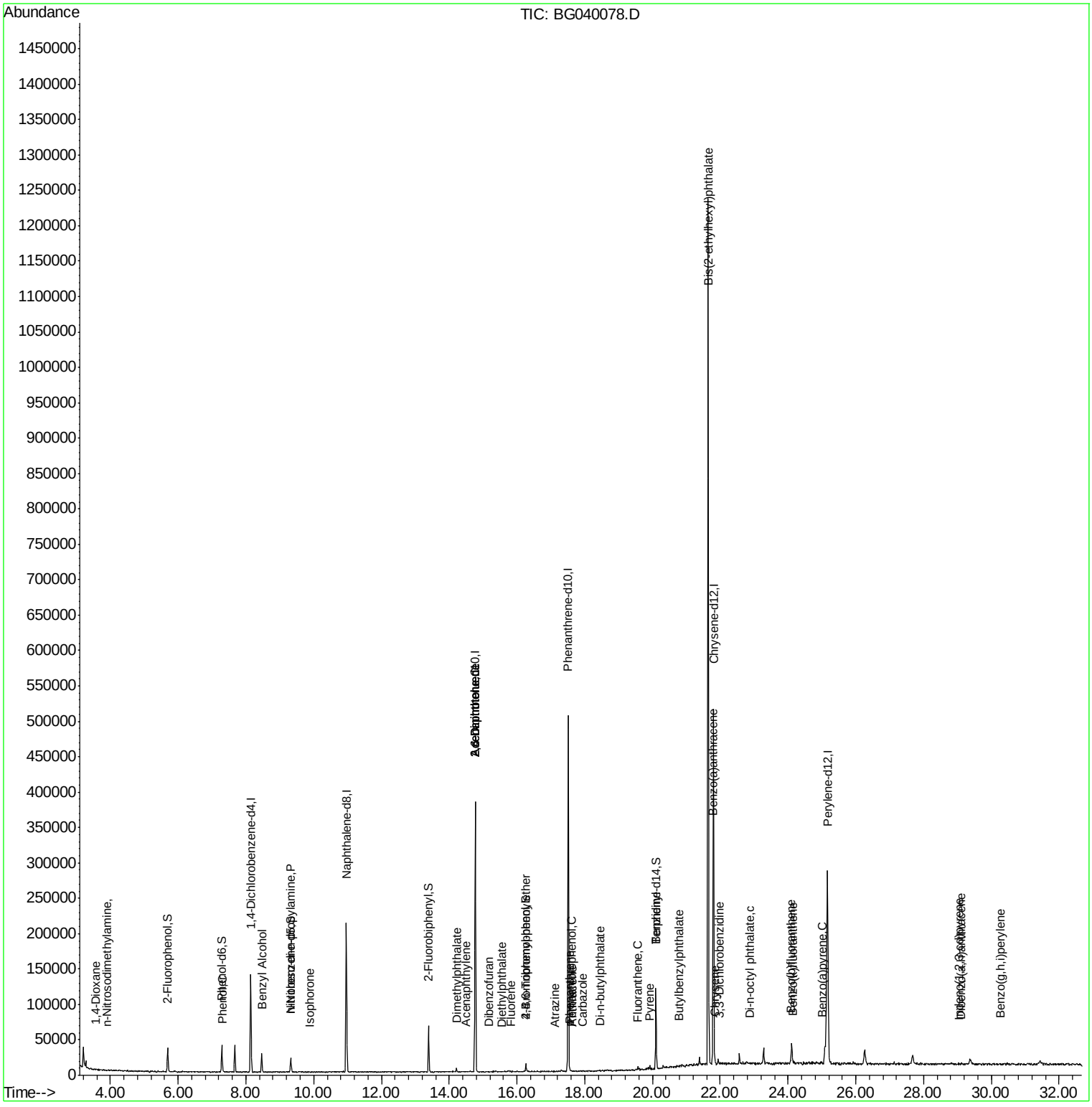
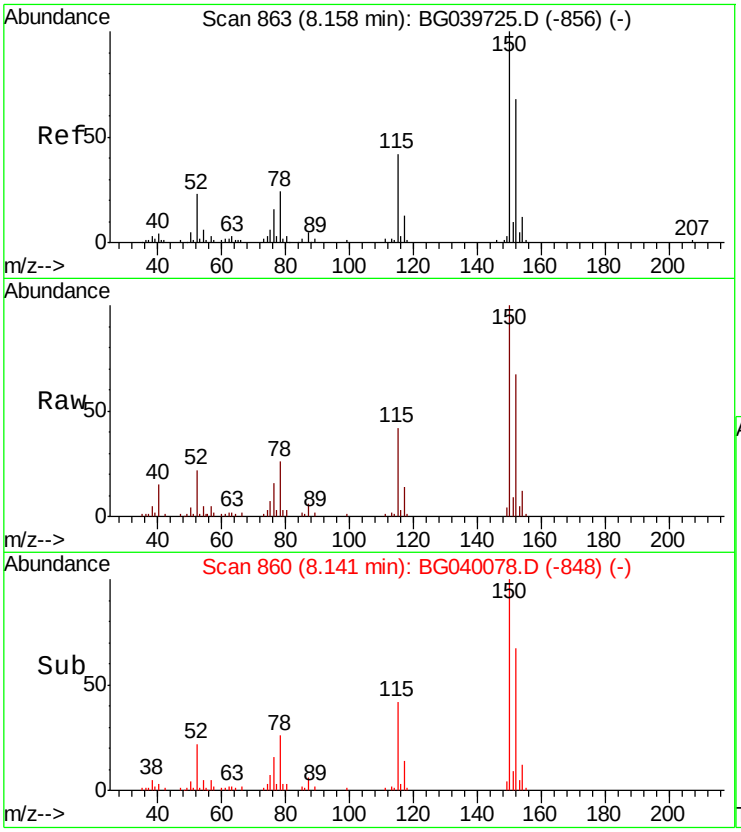
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration



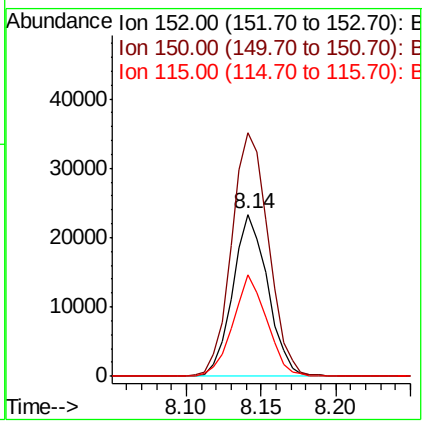


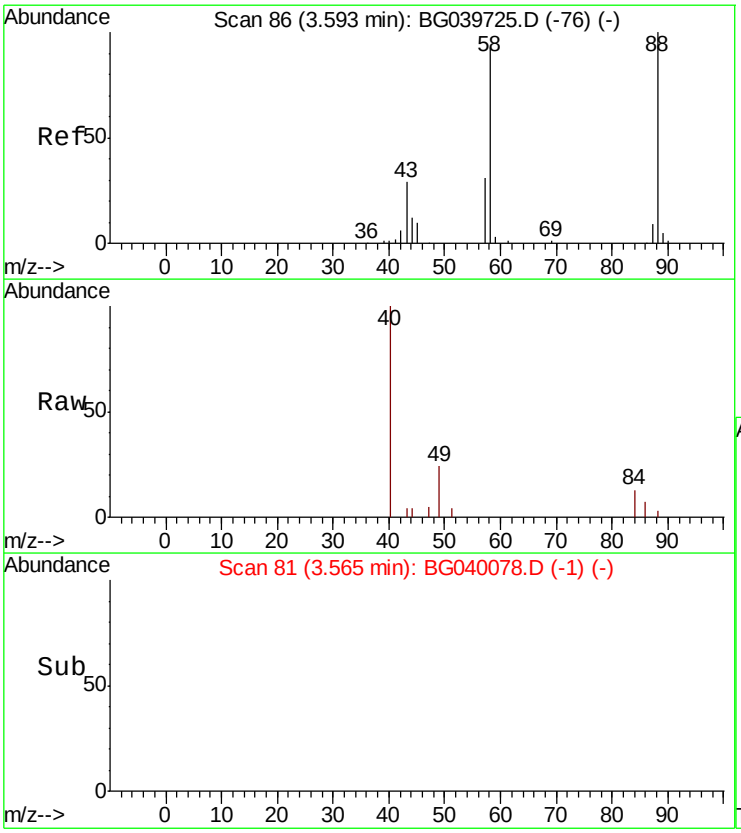
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.03 min
Lab File: BG040078.D
Acq: 21 Mar 2019 23:10

Instrument :
BNA_G
ClientSampleId :
S-5DL

Tgt Ion:152 Resp: 37983

Ion	Ratio	Lower	Upper
152	100		
150	150.0	123.7	185.5
115	62.7	45.9	68.9

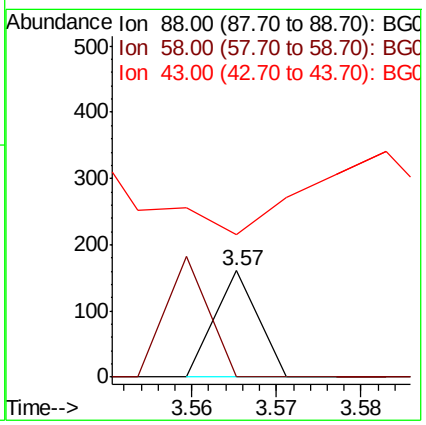


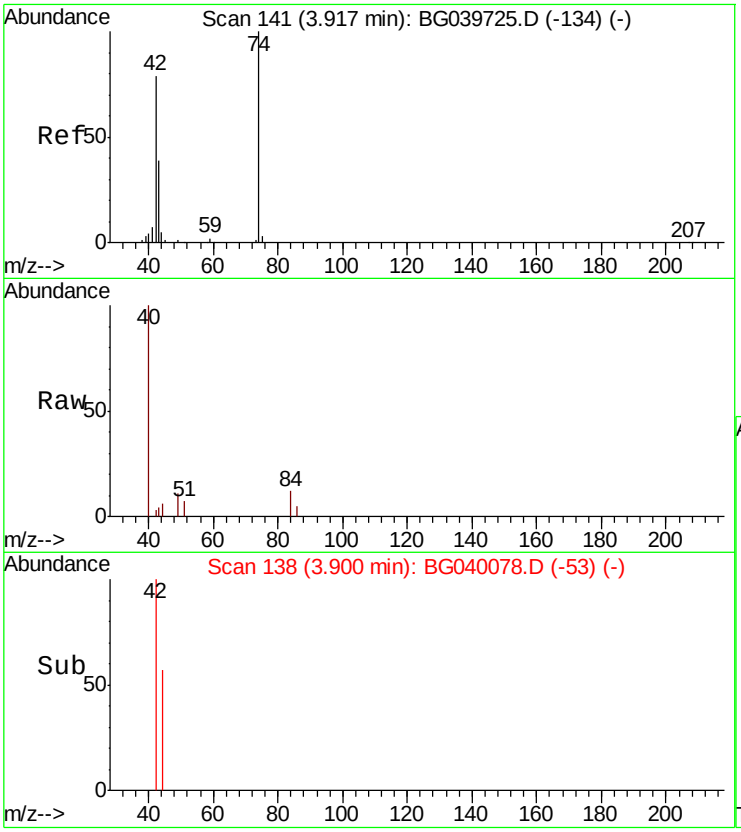


#2
1,4-Dioxane
Concen: 0.055 ng
RT: 3.57 min Scan# 81
Delta R.T. -0.04 min
Lab File: BG040078.D
Acq: 21 Mar 2019 23:10

Tgt Ion: 88 Resp: 57

Ion	Ratio	Lower	Upper
88	100		
58	112.3	81.1	121.7
43	0.0	31.4	47.0#



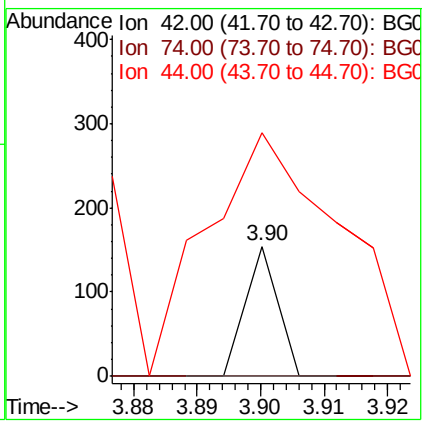


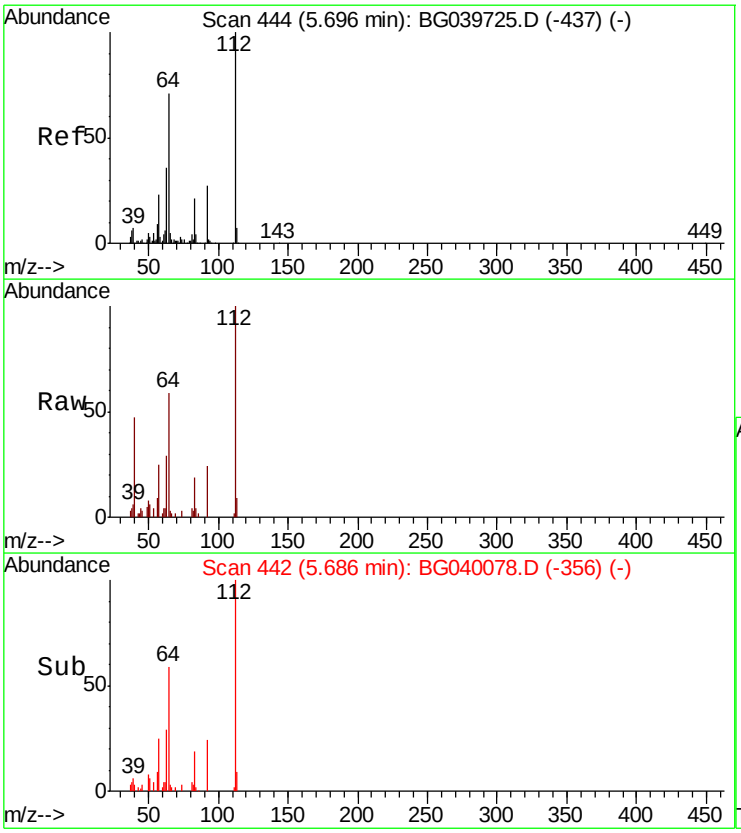
#4
n-Nitrosodimethylamine
Concen: 0.041 ng
RT: 3.90 min Scan# 138
Delta R.T. -0.03 min
Lab File: BG040078.D
Acq: 21 Mar 2019 23:10

Instrument :
BNA_G
ClientSampleId :
S-5DL

Tgt Ion: 42 Resp: 54

Ion	Ratio	Lower	Upper
42	100		
74	0.0	83.6	125.4#
44	187.7	6.9	10.3#

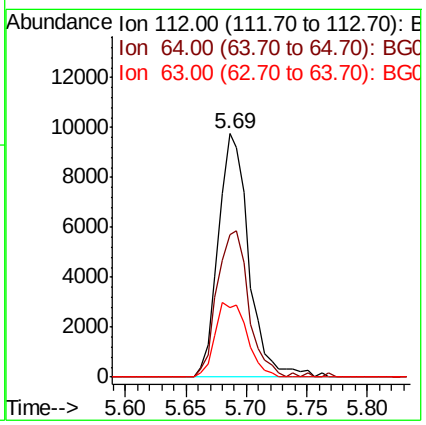


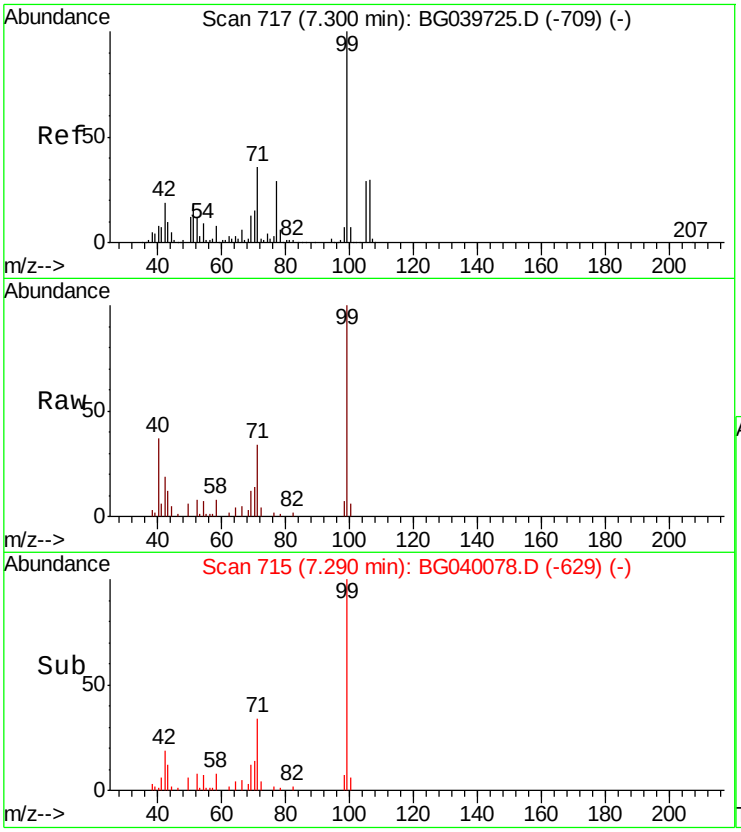


#5
2-Fluorophenol
Concen: 7.665 ng
RT: 5.69 min Scan# 442
Delta R.T. -0.02 min
Lab File: BG040078.D
Acq: 21 Mar 2019 23:10

Tgt Ion:112 Resp: 17066

Ion	Ratio	Lower	Upper
112	100		
64	58.7	57.8	86.8
63	28.5	29.8	44.6#



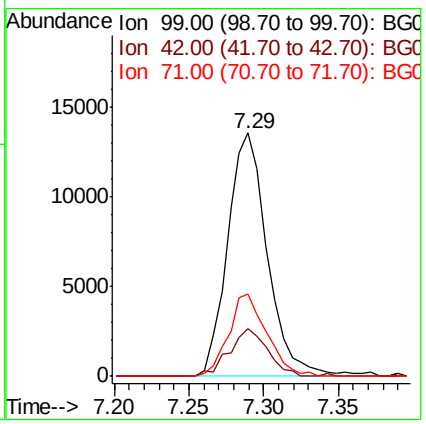


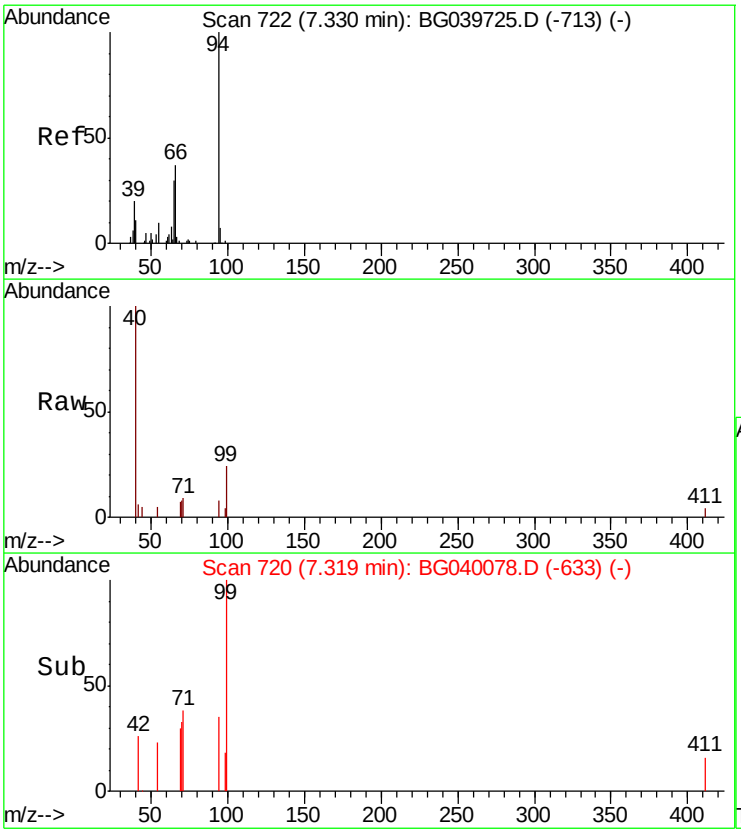
#7
Phenol-d6
Concen: 7.537 ng
RT: 7.29 min Scan# 715
Delta R.T. -0.02 min
Lab File: BG040078.D
Acq: 21 Mar 2019 23:10

Instrument :
BNA_G
ClientSampleId :
S-5DL

Tgt Ion: 99 Resp: 25021

Ion	Ratio	Lower	Upper
99	100		
42	19.5	18.2	27.2
71	33.6	28.0	42.0

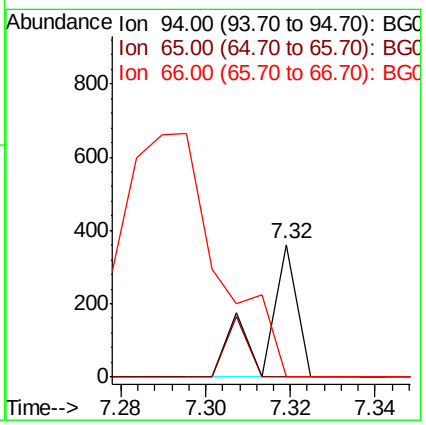


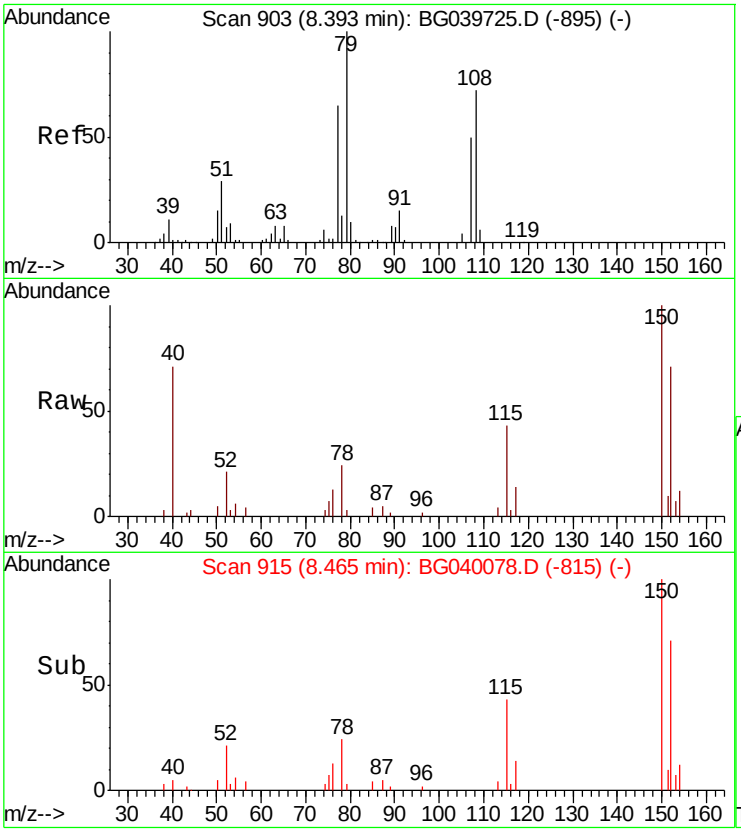


#10
Phenol
Concen: 0.053 ng
RT: 7.32 min Scan# 720
Delta R.T. -0.02 min
Lab File: BG040078.D
Acq: 21 Mar 2019 23:10

Tgt Ion: 94 Resp: 189

Ion	Ratio	Lower	Upper
94	100		
65	0.0	11.7	51.7#
66	0.0	23.7	63.7#



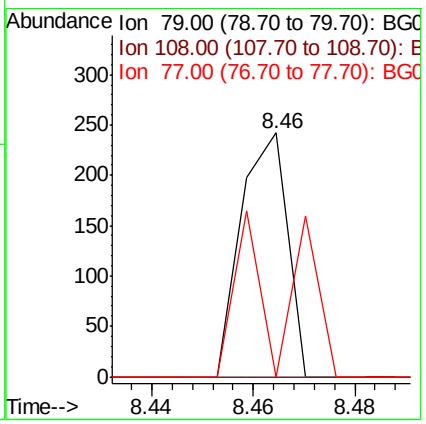


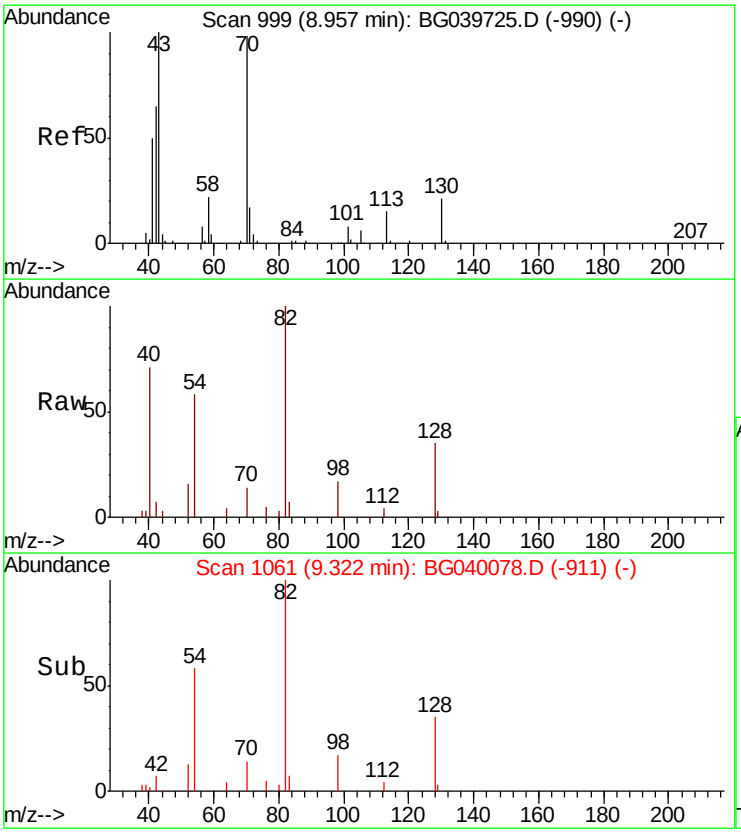
#15
Benzyl Alcohol
Concen: 0.059 ng
RT: 8.46 min Scan# 915
Delta R.T. 0.06 min
Lab File: BG040078.D
Acq: 21 Mar 2019 23:10

Instrument :
BNA_G
ClientSampleId :
S-5DL

Tgt Ion: 79 Resp: 155

Ion	Ratio	Lower	Upper
79	100		
108	0.0	57.8	86.6#
77	0.0	51.1	76.7#

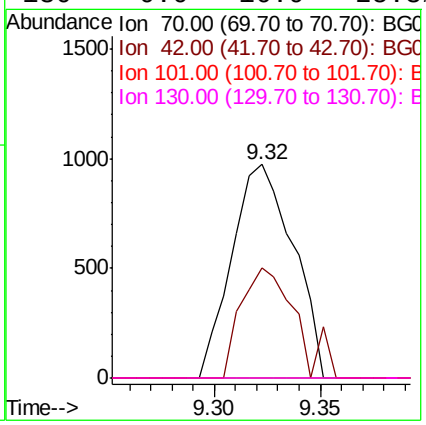


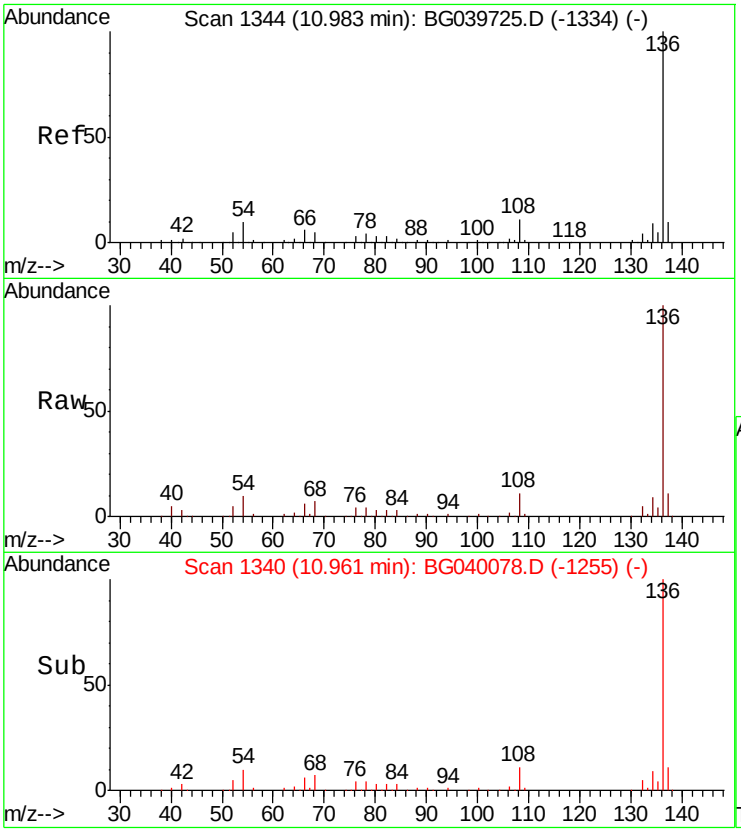


#19
n-Nitroso-di-n-propylamine
Concen: 0.822 ng
RT: 9.32 min Scan# 1061
Delta R.T. 0.35 min
Lab File: BG040078.D
Acq: 21 Mar 2019 23:10

Tgt Ion: 70 Resp: 1963

Ion	Ratio	Lower	Upper
70	100		
42	51.5	60.4	90.6#
101	0.0	7.5	11.3#
130	0.0	16.9	25.3#



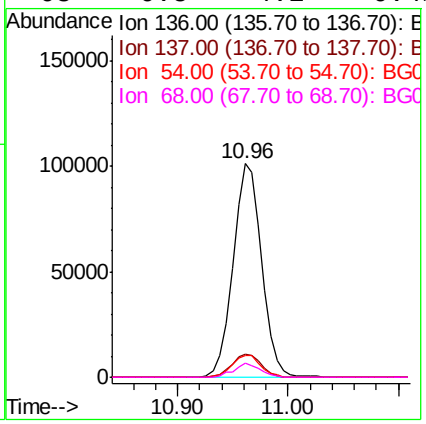


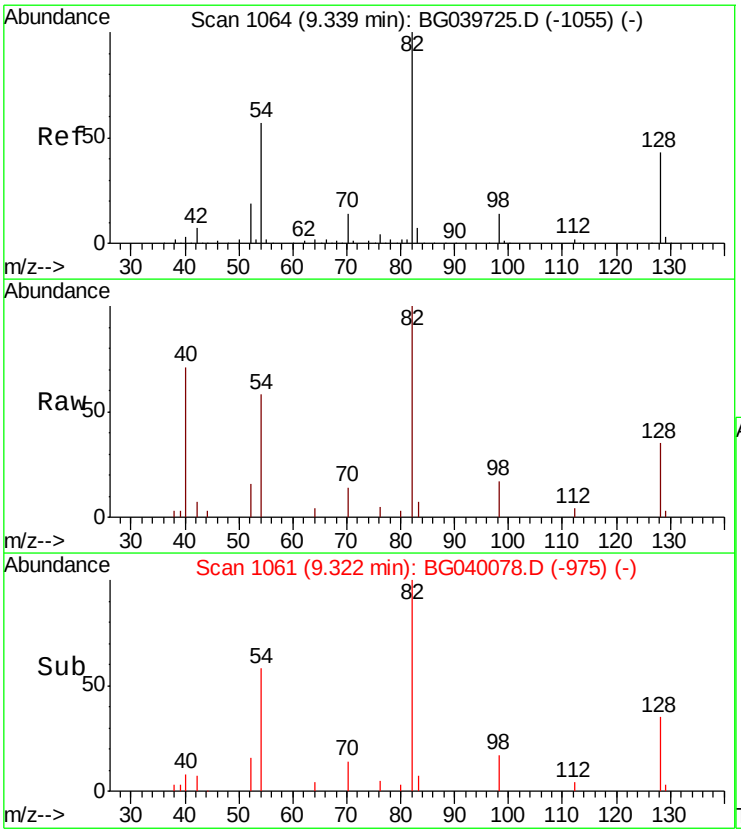
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1340
Delta R.T. -0.03 min
Lab File: BG040078.D
Acq: 21 Mar 2019 23:10

Instrument :
BNA_G
ClientSampleId :
S-5DL

Tgt Ion:136 Resp: 182918

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	10.3	9.4	14.2
68	6.5	4.2	6.4#

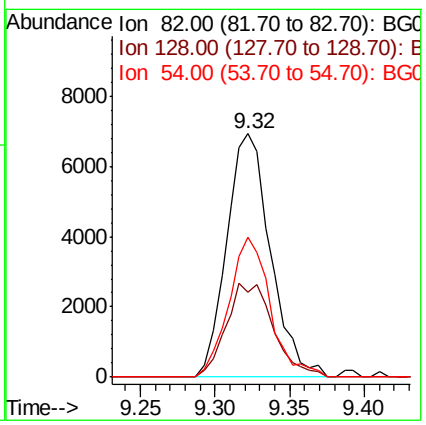


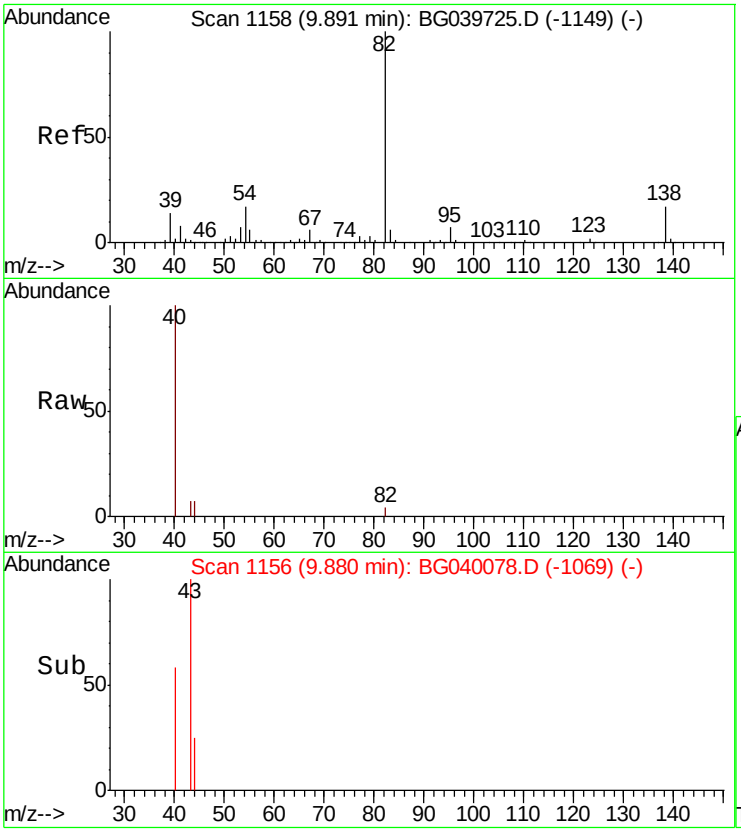


#23
Nitrobenzene-d5
Concen: 4.173 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG040078.D
Acq: 21 Mar 2019 23:10

Tgt Ion: 82 Resp: 14115

Ion	Ratio	Lower	Upper
82	100		
128	34.8	31.3	46.9
54	57.7	50.9	76.3



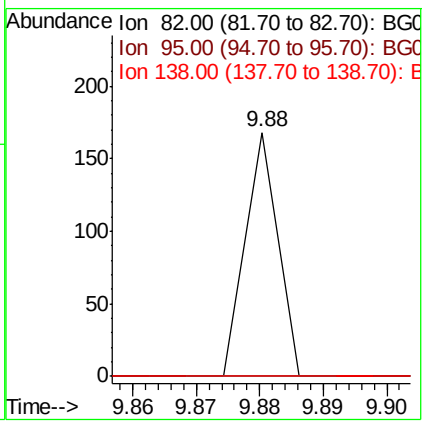


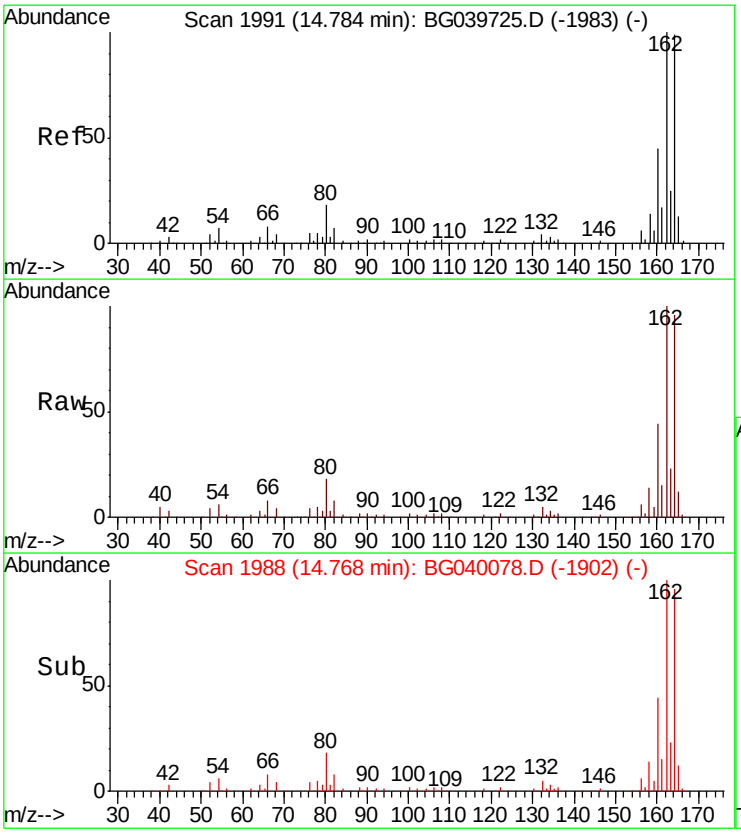
#25
Isophorone
Concen: 0.008 ng
RT: 9.88 min Scan# 1156
Delta R.T. -0.02 min
Lab File: BG040078.D
Acq: 21 Mar 2019 23:10

Instrument :
BNA_G
ClientSampleId :
S-5DL

Tgt Ion: 82 Resp: 59

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.2	9.2#
138	0.0	13.0	19.4#

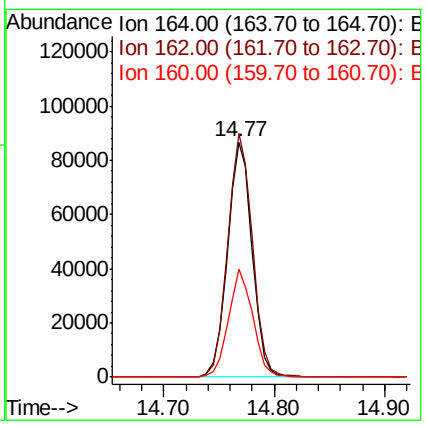


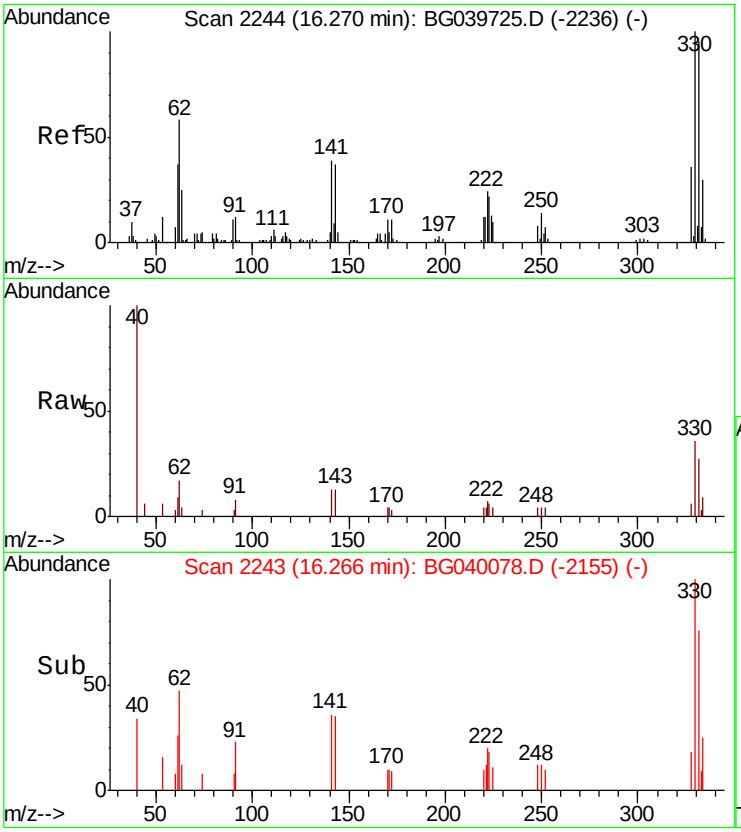


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.02 min
Lab File: BG040078.D
Acq: 21 Mar 2019 23:10

Tgt Ion:164 Resp: 134640

Ion	Ratio	Lower	Upper
164	100		
162	103.7	81.6	122.4
160	46.1	34.2	51.2



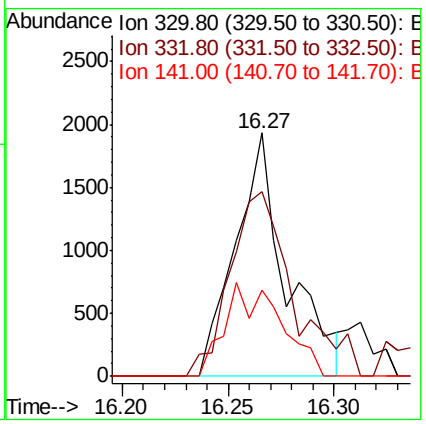


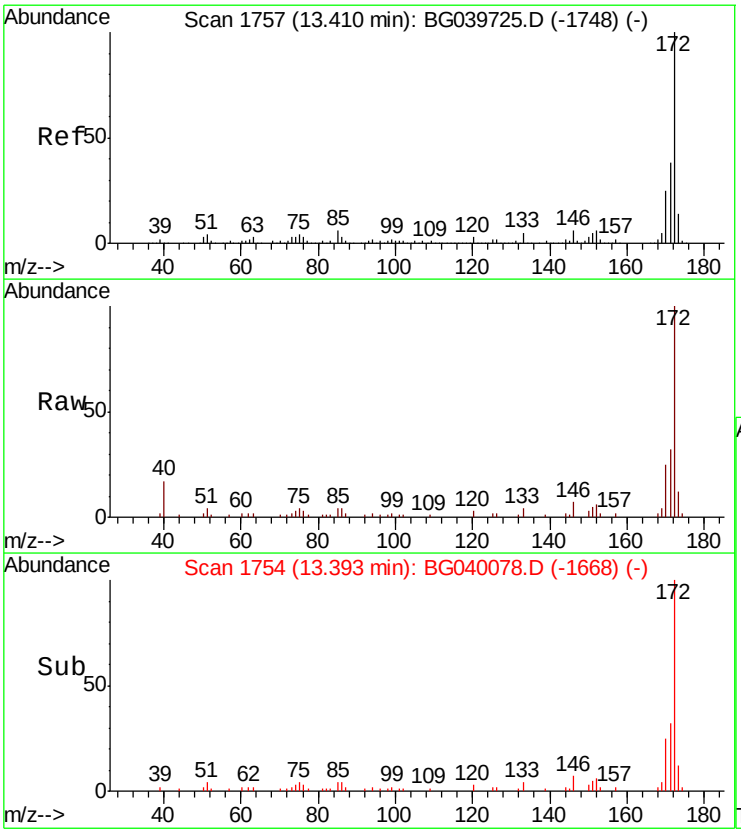
#42
2,4,6-Tribromophenol
Concen: 2.068 ng
RT: 16.27 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BG040078.D
Acq: 21 Mar 2019 23:10

Instrument :
BNA_G
ClientSampleId :
S-5DL

Tgt Ion:330 Resp: 3246

Ion	Ratio	Lower	Upper
330	100		
332	93.7	75.7	113.5
141	42.0	35.6	53.4

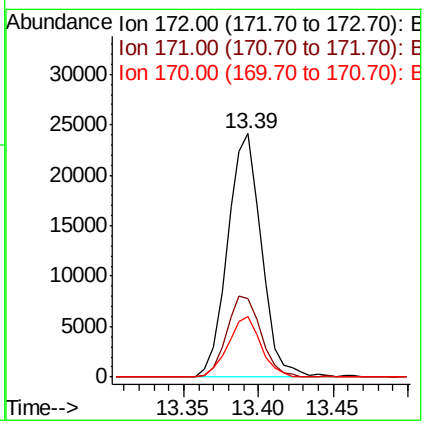


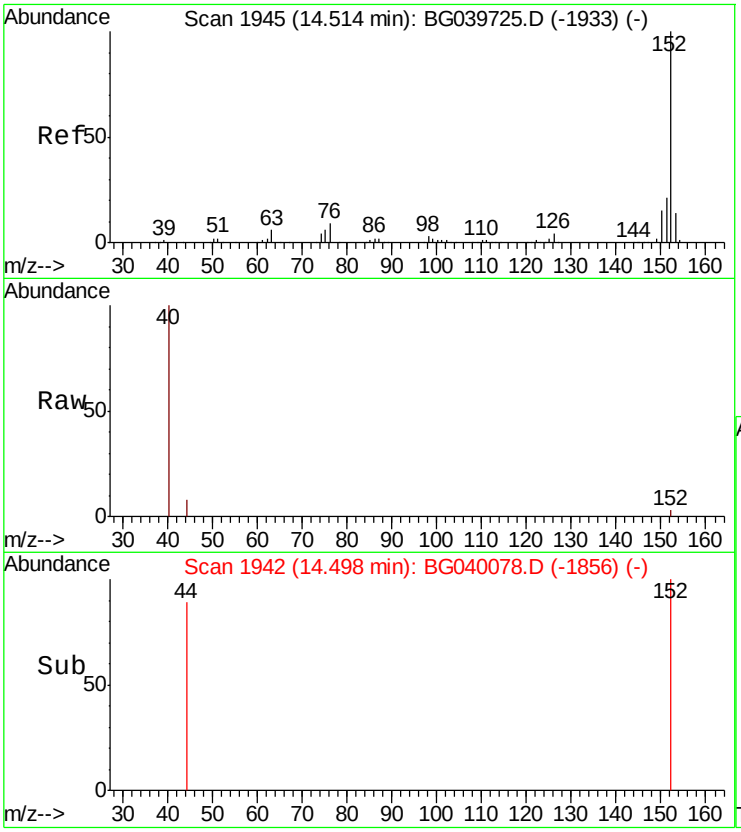


#45
2-Fluorobiphenyl
Concen: 4.033 ng
RT: 13.39 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BG040078.D
Acq: 21 Mar 2019 23:10

Tgt Ion:172 Resp: 38140

Ion	Ratio	Lower	Upper
172	100		
171	32.3	30.8	46.2
170	24.7	20.2	30.4



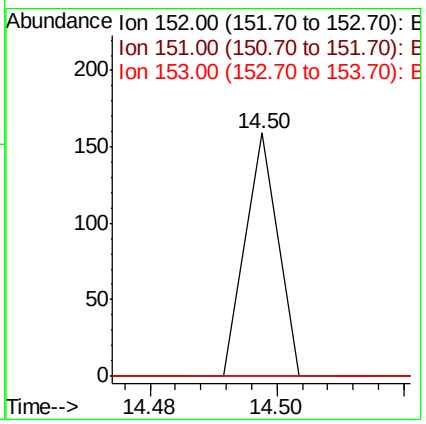


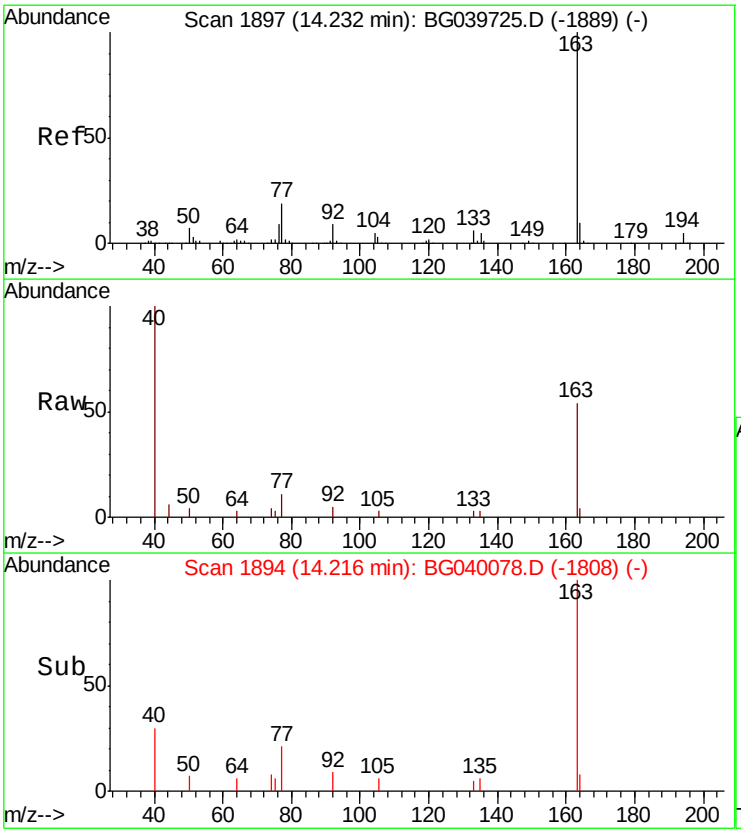
#49
Acenaphthylene
Concen: 0.004 ng
RT: 14.50 min Scan# 1942
Delta R.T. -0.02 min
Lab File: BG040078.D
Acq: 21 Mar 2019 23:10

Instrument :
BNA_G
ClientSampleId :
S-5DL

Tgt Ion:152 Resp: 56

Ion	Ratio	Lower	Upper
152	100		
151	0.0	16.8	25.2#
153	0.0	11.7	17.5#

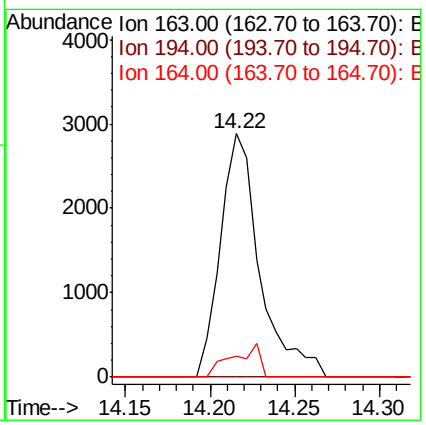


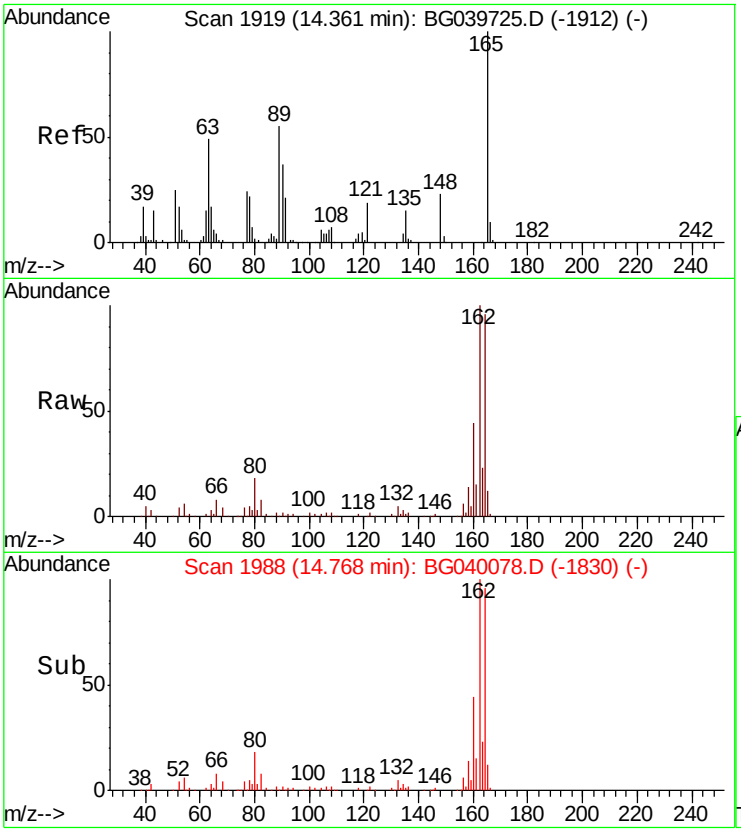


#50
Dimethylphthalate
Concen: 0.416 ng
RT: 14.22 min Scan# 1894
Delta R.T. -0.02 min
Lab File: BG040078.D
Acq: 21 Mar 2019 23:10

Tgt Ion:163 Resp: 4686

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.6	5.4#
164	8.3	8.4	12.6#



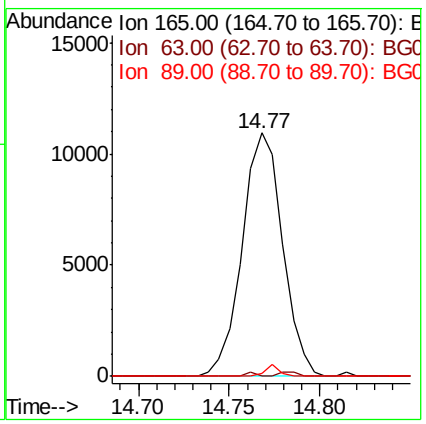


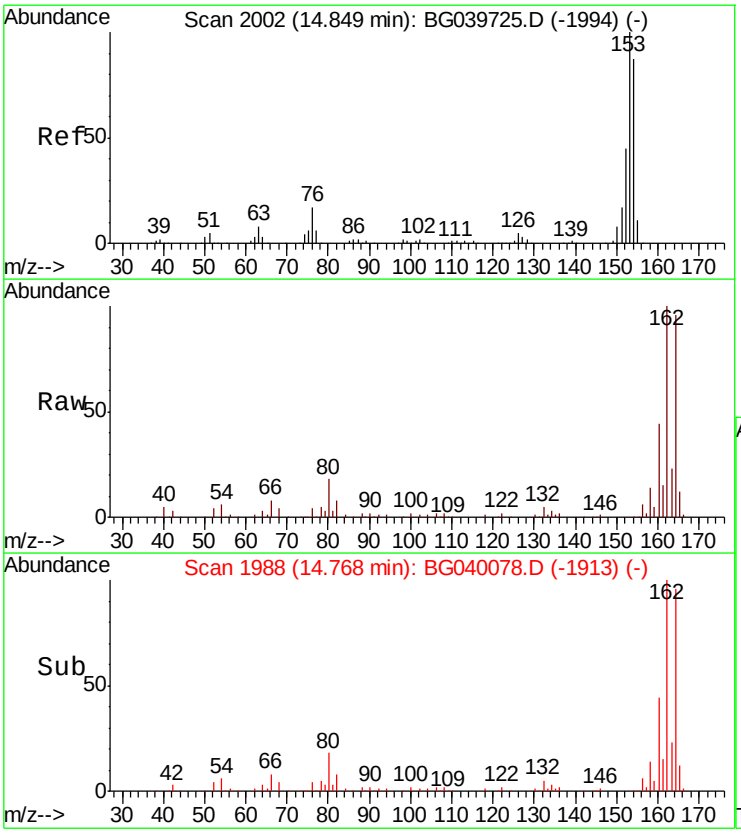
#51
2,6-Dinitrotoluene
Concen: 7.096 ng
RT: 14.77 min Scan# 1988
Delta R.T. 0.40 min
Lab File: BG040078.D
Acq: 21 Mar 2019 23:10

Instrument :
BNA_G
ClientSampleId :
S-5DL

Tgt Ion:165 Resp: 16936

Ion	Ratio	Lower	Upper
165	100		
63	0.0	47.0	70.6#
89	1.5	45.8	68.8#

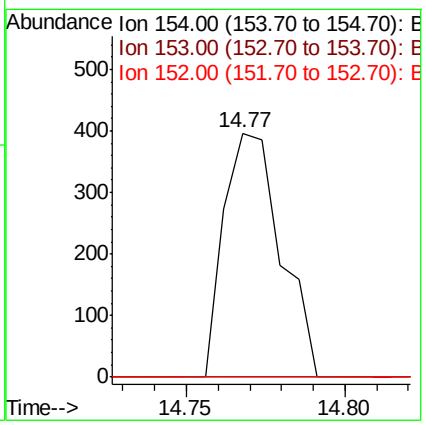


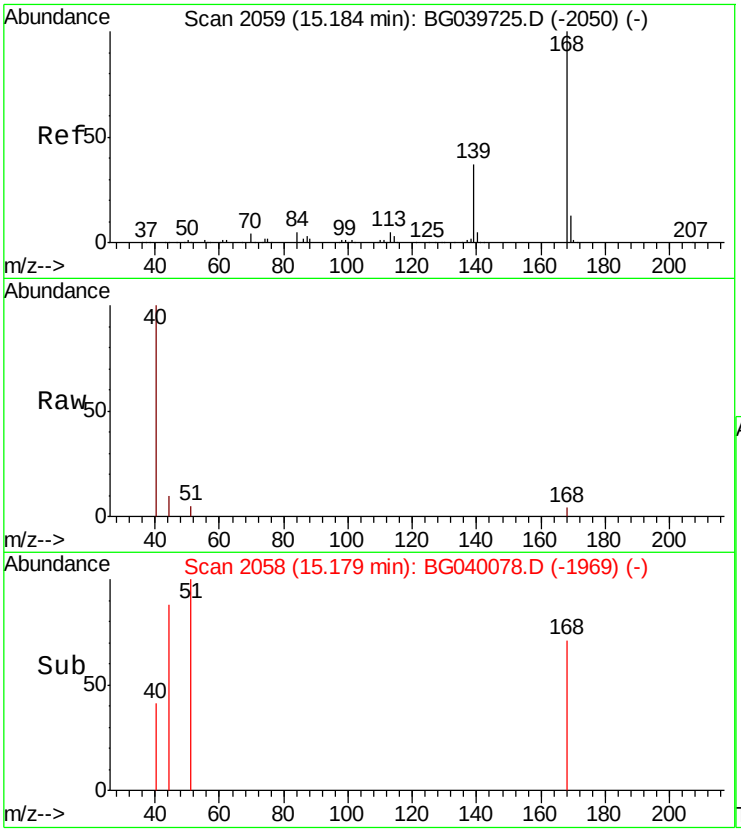


#52
Acenaphthene
Concen: 0.060 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.09 min
Lab File: BG040078.D
Acq: 21 Mar 2019 23:10

Tgt Ion:154 Resp: 492

Ion	Ratio	Lower	Upper
154	100		
153	0.0	90.1	135.1#
152	0.0	40.9	61.3#



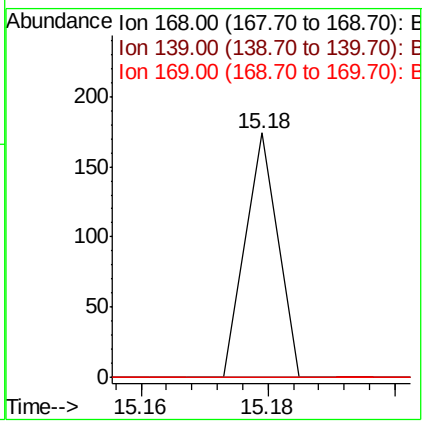


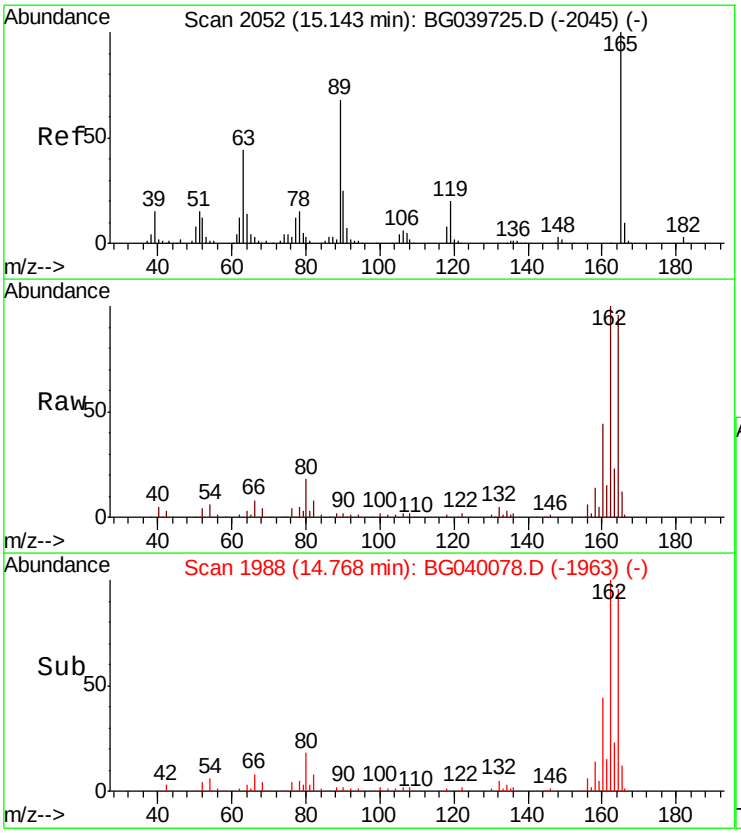
#55
Dibenzofuran
Concen: 0.005 ng
RT: 15.18 min Scan# 2058
Delta R.T. -0.01 min
Lab File: BG040078.D
Acq: 21 Mar 2019 23:10

Instrument :
BNA_G
ClientSampleId :
S-5DL

Tgt Ion:168 Resp: 61

Ion	Ratio	Lower	Upper
168	100		
139	0.0	30.1	45.1#
169	0.0	10.6	16.0#

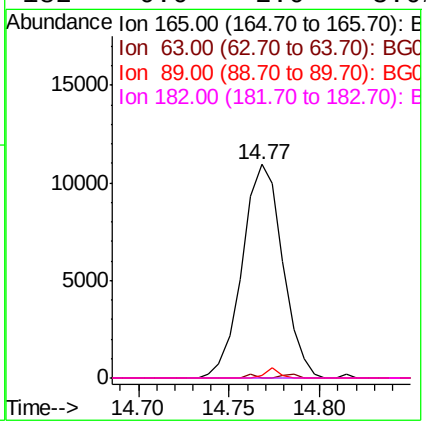


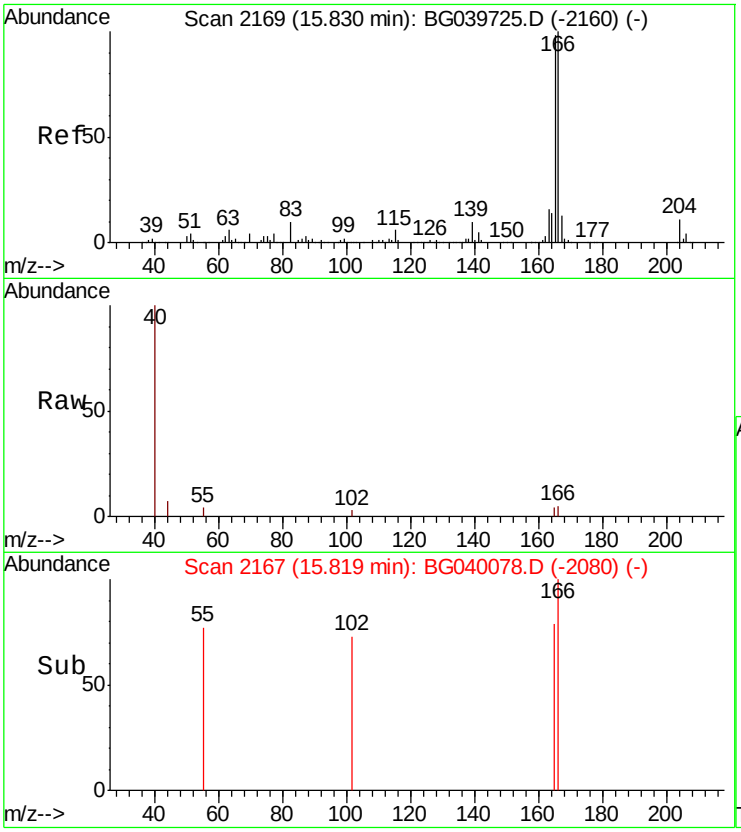


#57
2,4-Dinitrotoluene
Concen: 5.050 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.38 min
Lab File: BG040078.D
Acq: 21 Mar 2019 23:10

Tgt Ion:165 Resp: 16936

Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.0	61.6#
89	1.5	64.6	96.8#
182	0.0	2.0	3.0#



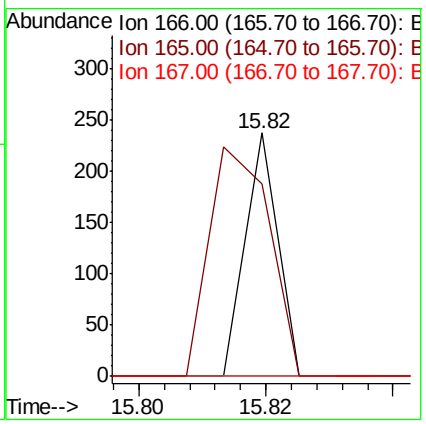


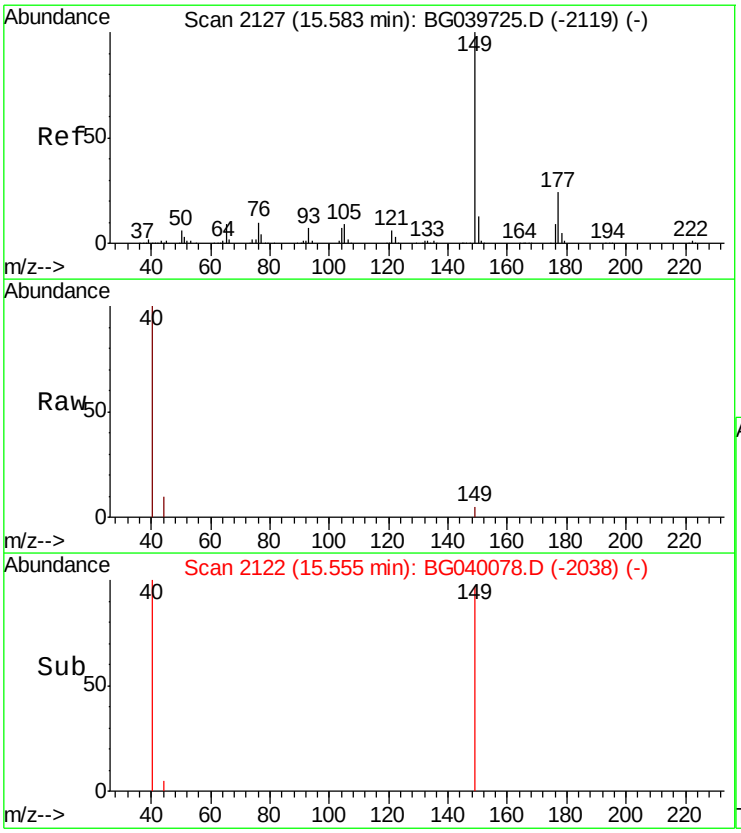
#58
Fluorene
Concen: 0.008 ng
RT: 15.82 min Scan# 2167
Delta R.T. -0.02 min
Lab File: BG040078.D
Acq: 21 Mar 2019 23:10

Instrument :
BNA_G
ClientSampleId :
S-5DL

Tgt Ion:166 Resp: 84

Ion	Ratio	Lower	Upper
166	100		
165	79.0	77.9	116.9
167	0.0	10.8	16.2#

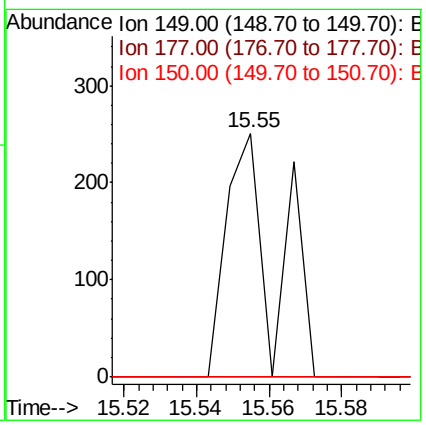


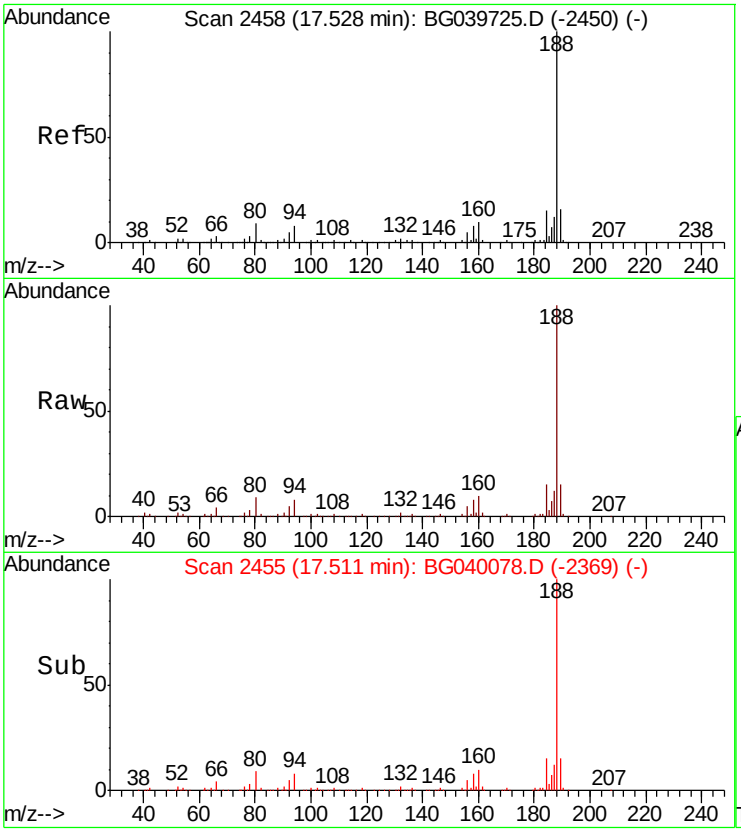


#60
Diethylphthalate
Concen: 0.021 ng
RT: 15.55 min Scan# 2122
Delta R.T. -0.03 min
Lab File: BG040078.D
Acq: 21 Mar 2019 23:10

Tgt Ion:149 Resp: 236

Ion	Ratio	Lower	Upper
149	100		
177	0.0	18.3	27.5#
150	0.0	10.2	15.2#



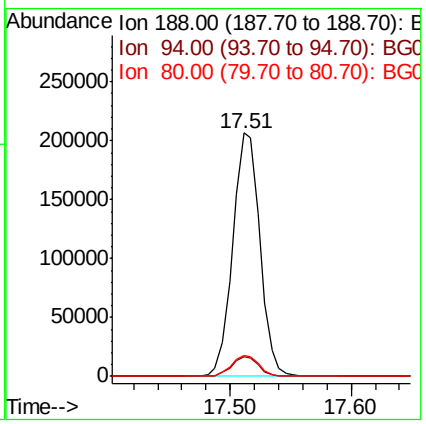


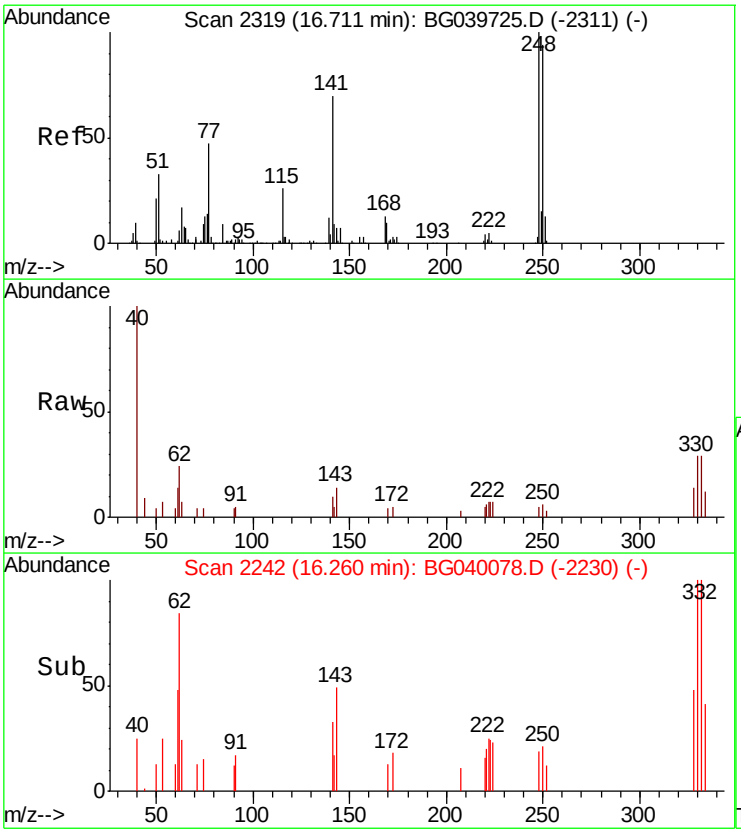
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.02 min
Lab File: BG040078.D
Acq: 21 Mar 2019 23:10

Instrument :
BNA_G
ClientSampleId :
S-5DL

Tgt Ion:188 Resp: 323836

Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.9	10.3
80	8.7	8.1	12.1

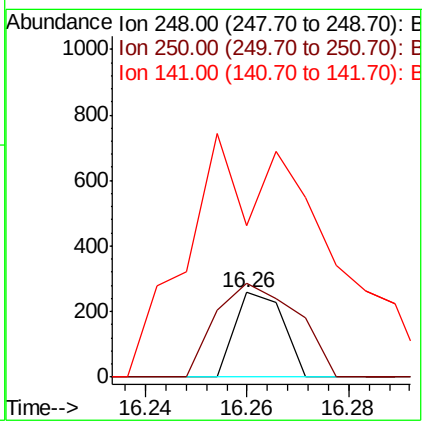


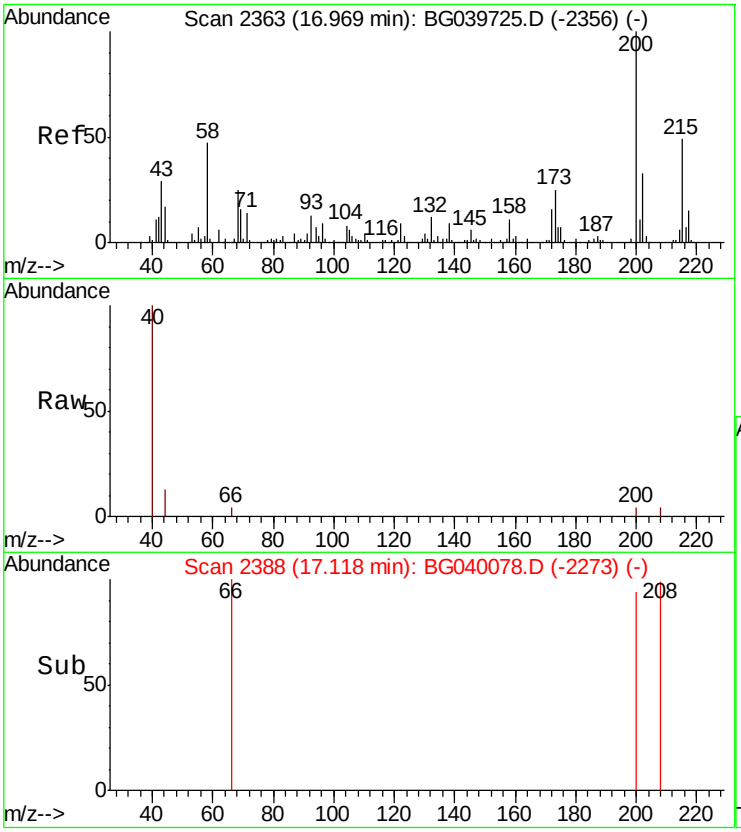


#67
4-Bromophenyl-phenylether
Concen: 0.047 ng
RT: 16.26 min Scan# 2242
Delta R.T. -0.46 min
Lab File: BG040078.D
Acq: 21 Mar 2019 23:10

Tgt Ion:248 Resp: 172

Ion	Ratio	Lower	Upper
248	100		
250	111.2	77.6	116.4
141	178.7	63.9	95.9#



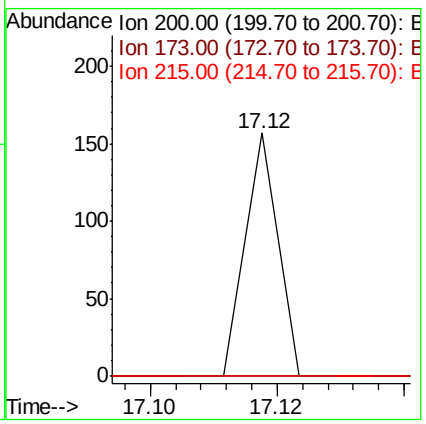


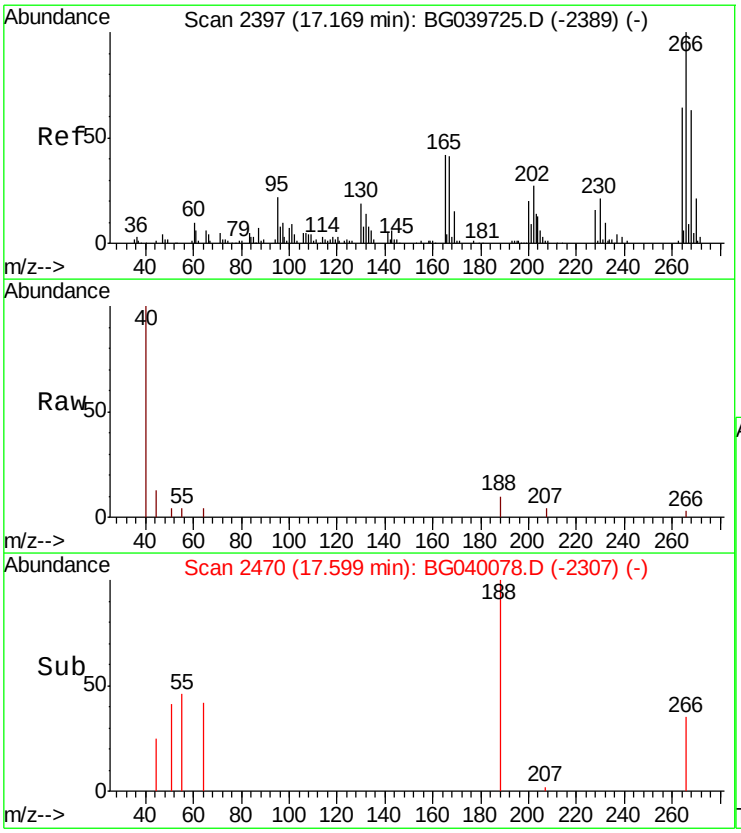
#69
Atrazine
Concen: 0.015 ng
RT: 17.12 min Scan# 2388
Delta R.T. 0.15 min
Lab File: BG040078.D
Acq: 21 Mar 2019 23:10

Instrument :
BNA_G
ClientSampleId :
S-5DL

Tgt Ion:200 Resp: 55

Ion	Ratio	Lower	Upper
200	100		
173	0.0	3.9	43.9#
215	0.0	30.9	70.9#

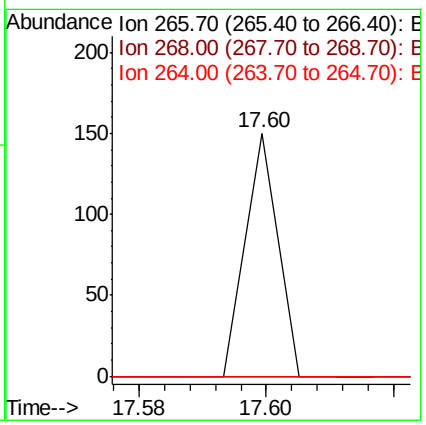


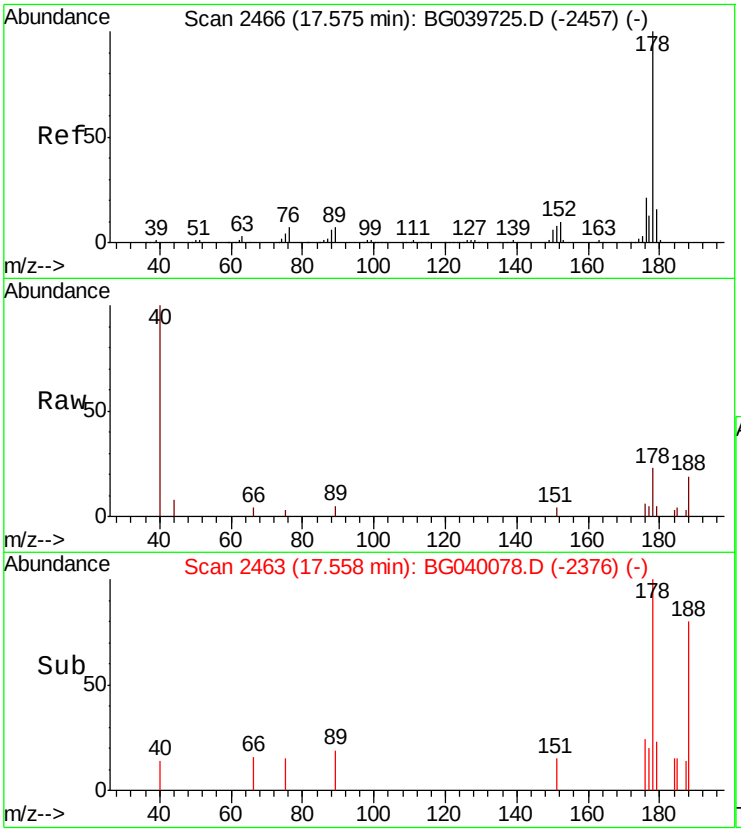


#70
Pentachlorophenol
Concen: 0.022 ng
RT: 17.60 min Scan# 2470
Delta R.T. 0.43 min
Lab File: BG040078.D
Acq: 21 Mar 2019 23:10

Tgt Ion:266 Resp: 53

Ion	Ratio	Lower	Upper
266	100		
268	0.0	51.1	76.7#
264	0.0	52.1	78.1#



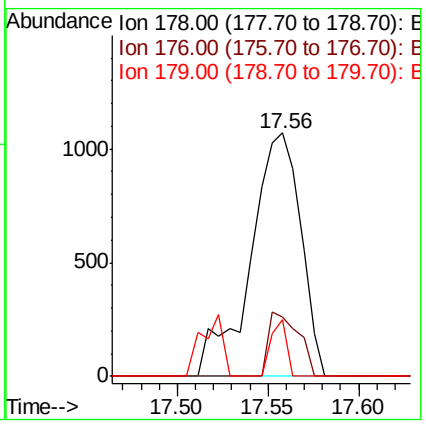


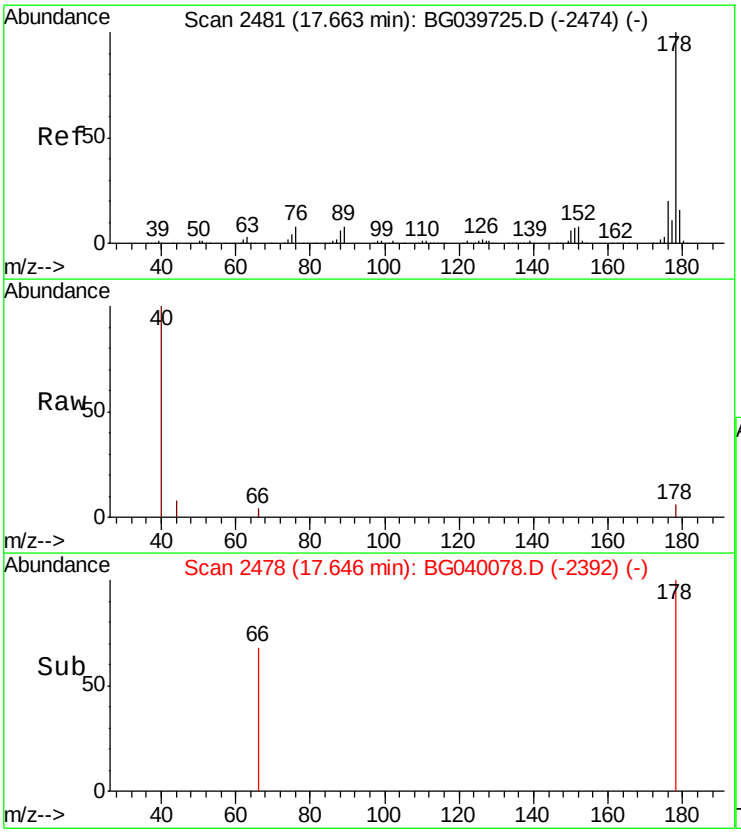
#71
Phenanthrene
Concen: 0.116 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.02 min
Lab File: BG040078.D
Acq: 21 Mar 2019 23:10

Instrument :
BNA_G
ClientSampleId :
S-5DL

Tgt Ion:178 Resp: 2074

Ion	Ratio	Lower	Upper
178	100		
176	24.2	16.2	24.4
179	23.1	12.6	19.0#

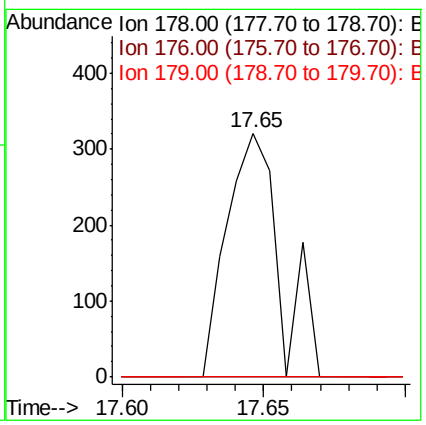


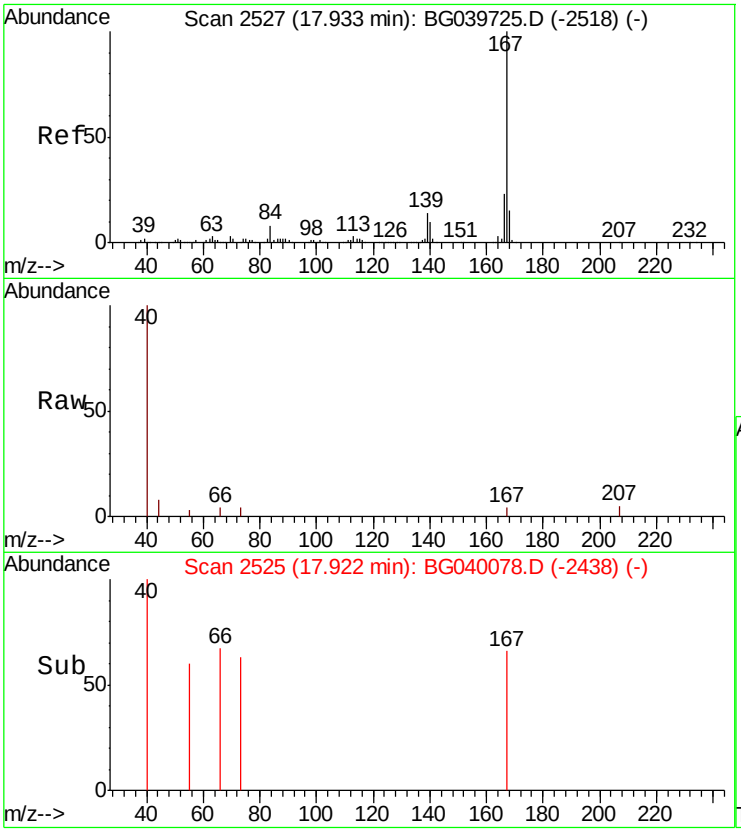


#72
Anthracene
Concen: 0.024 ng
RT: 17.65 min Scan# 2478
Delta R.T. -0.02 min
Lab File: BG040078.D
Acq: 21 Mar 2019 23:10

Tgt Ion:178 Resp: 419

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.8	23.6#
179	0.0	12.5	18.7#



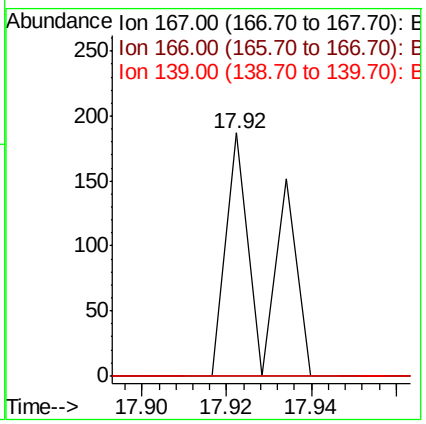


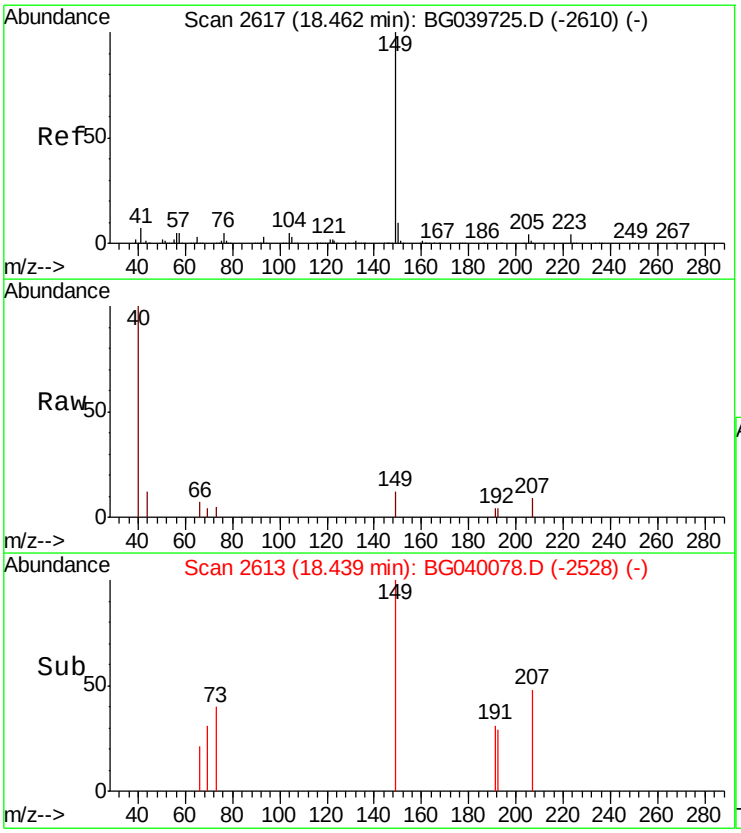
#73
Carbazole
Concen: 0.008 ng
RT: 17.92 min Scan# 2525
Delta R.T. -0.02 min
Lab File: BG040078.D
Acq: 21 Mar 2019 23:10

Instrument :
BNA_G
ClientSampleId :
S-5DL

Tgt Ion:167 Resp: 119

Ion	Ratio	Lower	Upper
167	100		
166	0.0	19.4	29.2#
139	0.0	10.8	16.2#

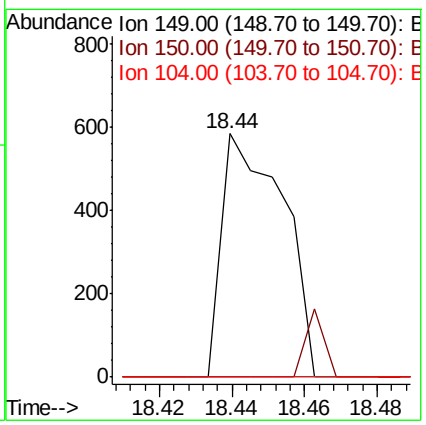


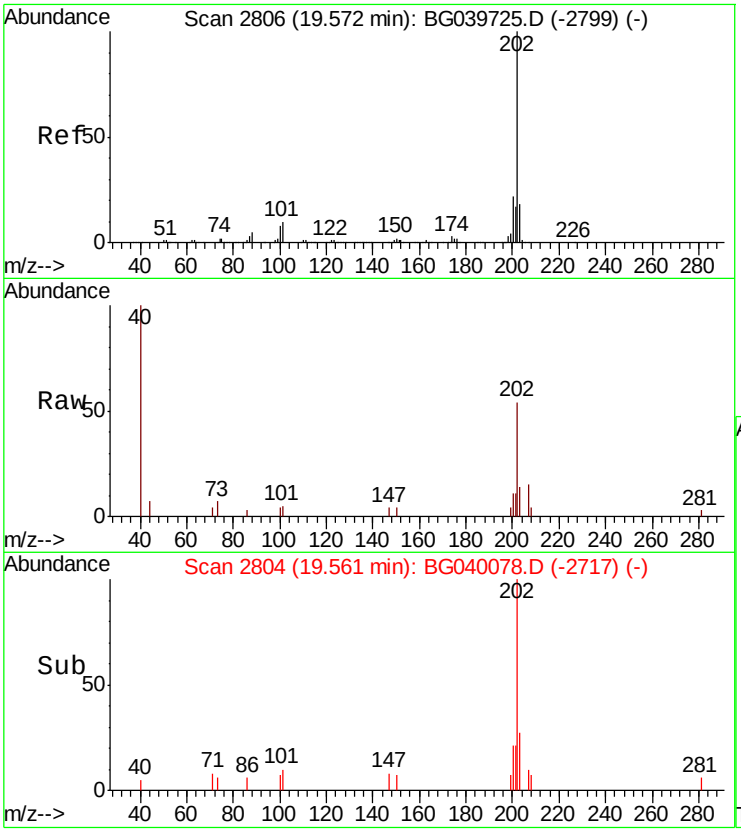


#74
Di-n-butylphthalate
Concen: 0.037 ng
RT: 18.44 min Scan# 2613
Delta R.T. -0.03 min
Lab File: BG040078.D
Acq: 21 Mar 2019 23:10

Tgt Ion:149 Resp: 686

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.7	11.5#
104	0.0	4.5	6.7#



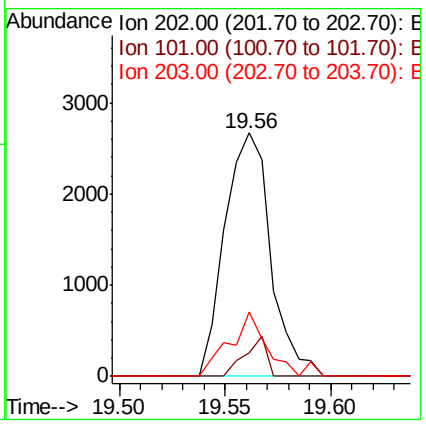


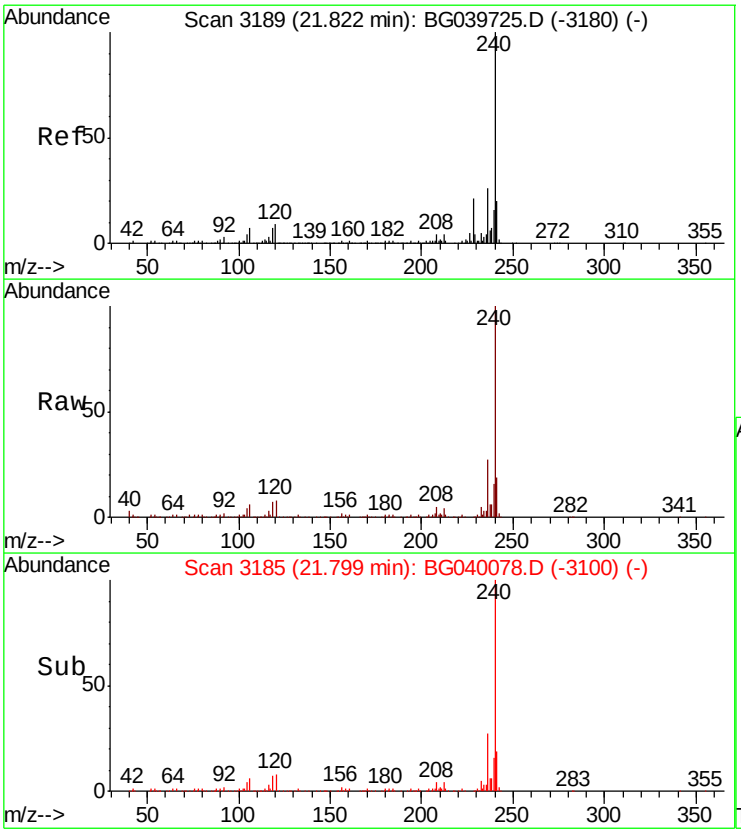
#75
Fluoranthene
Concen: 0.190 ng
RT: 19.56 min Scan# 2804
Delta R.T. -0.02 min
Lab File: BG040078.D
Acq: 21 Mar 2019 23:10

Instrument :
BNA_G
ClientSampleId :
S-5DL

Tgt Ion:202 Resp: 3999

Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	30.0
203	26.6	0.0	38.9

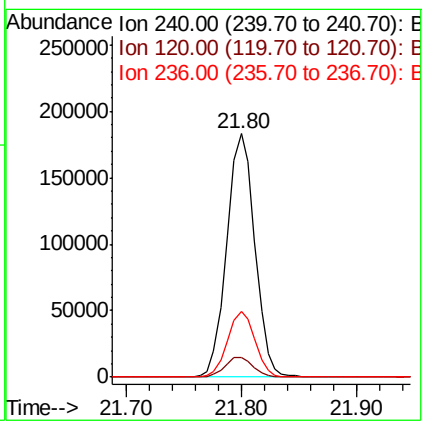


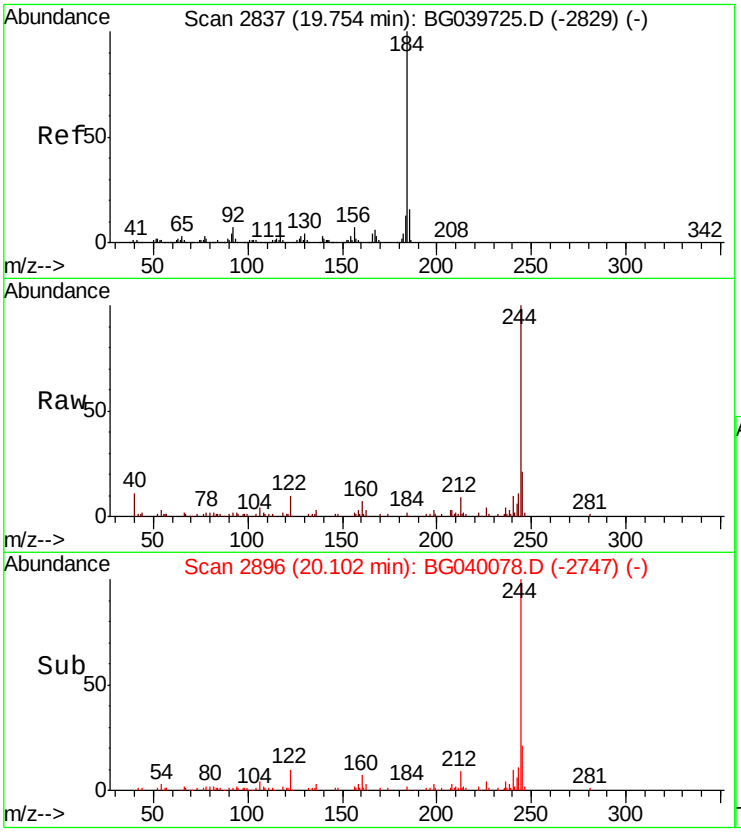


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.03 min
Lab File: BG040078.D
Acq: 21 Mar 2019 23:10

Tgt Ion:240 Resp: 308041

Ion	Ratio	Lower	Upper
240	100		
120	8.2	7.0	10.6
236	26.9	21.0	31.4



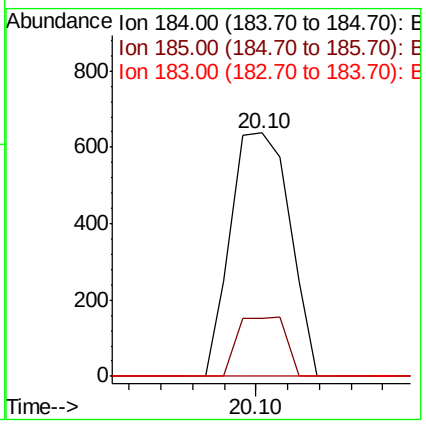


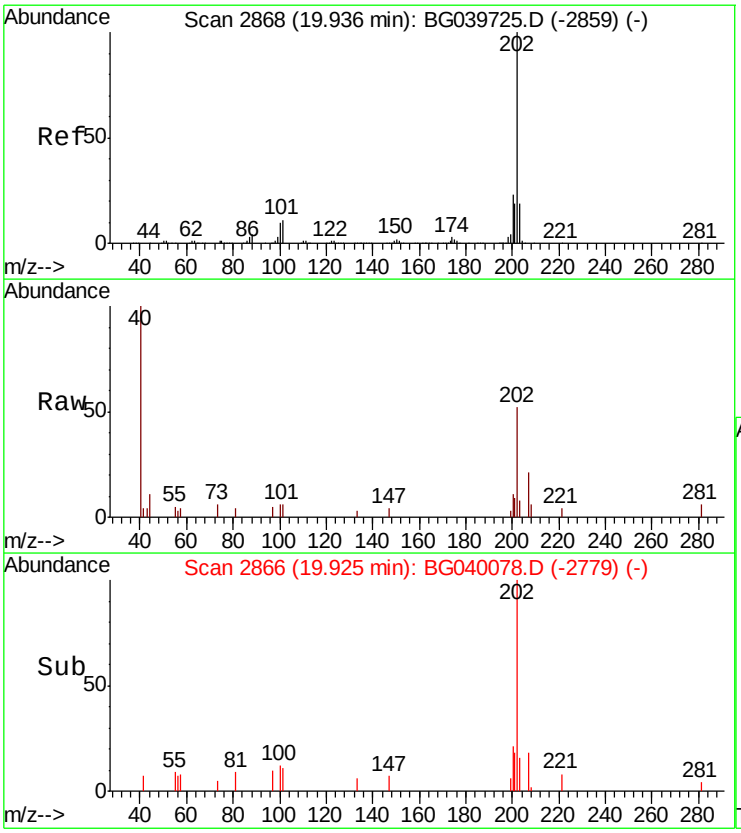
#77
Benzidine
Concen: 0.085 ng
RT: 20.10 min Scan# 2896
Delta R.T. 0.35 min
Lab File: BG040078.D
Acq: 21 Mar 2019 23:10

Instrument :
BNA_G
ClientSampleId :
S-5DL

Tgt Ion:184 Resp: 826

Ion	Ratio	Lower	Upper
184	100		
185	23.8	12.2	18.2#
183	0.0	10.6	15.8#

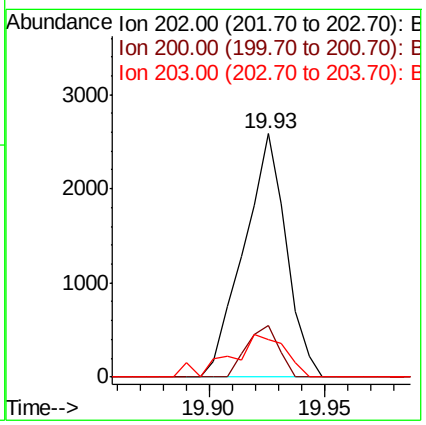


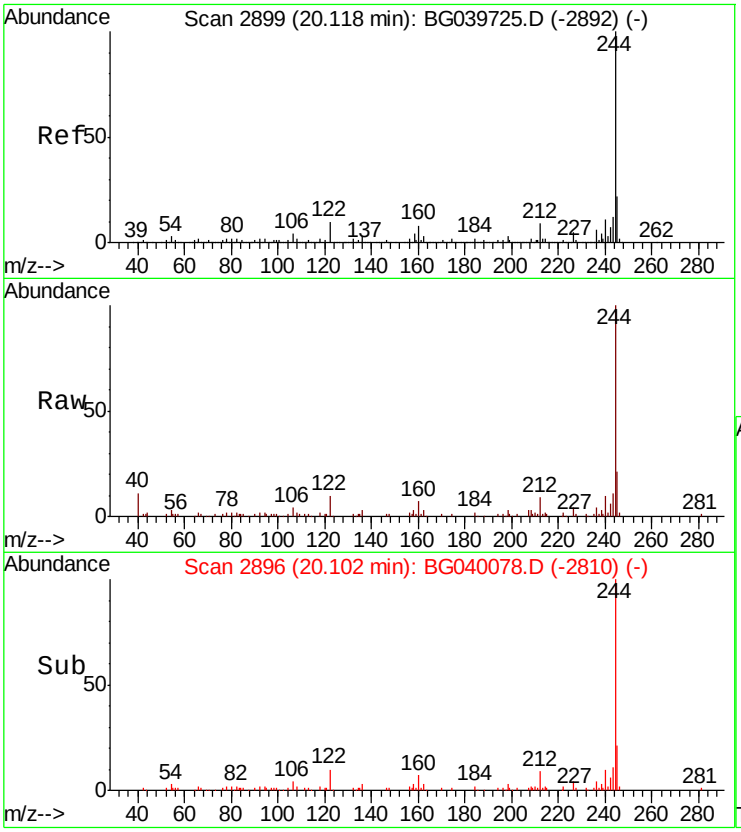


#78
Pyrene
Concen: 0.165 ng
RT: 19.93 min Scan# 2866
Delta R.T. -0.02 min
Lab File: BG040078.D
Acq: 21 Mar 2019 23:10

Tgt Ion:202 Resp: 3307

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.8	26.8
203	15.5	15.3	22.9



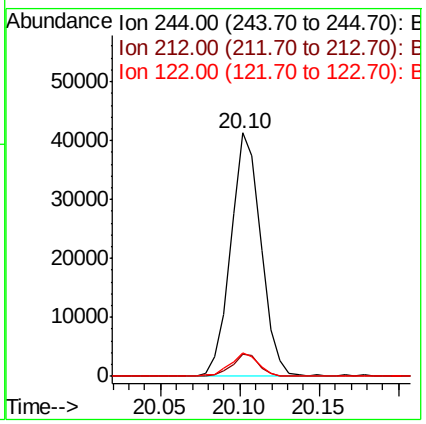


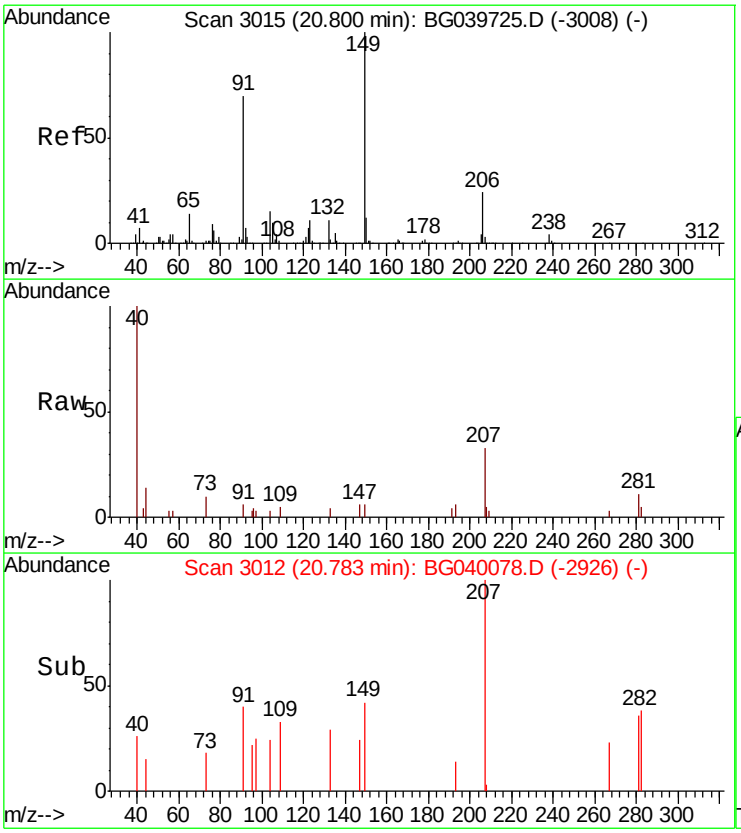
#79
Terphenyl-d14
Concen: 3.880 ng
RT: 20.10 min Scan# 2896
Delta R.T. -0.02 min
Lab File: BG040078.D
Acq: 21 Mar 2019 23:10

Instrument :
BNA_G
ClientSampleId :
S-5DL

Tgt Ion:244 Resp: 54283

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.3	10.9
122	9.8	8.4	12.6

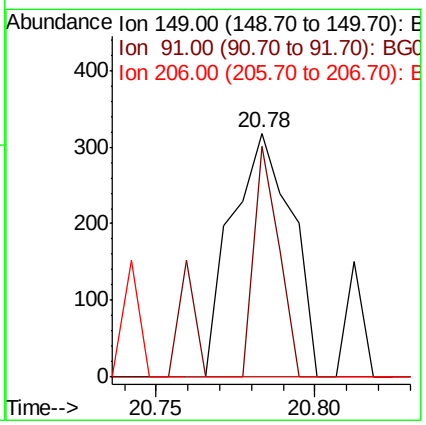


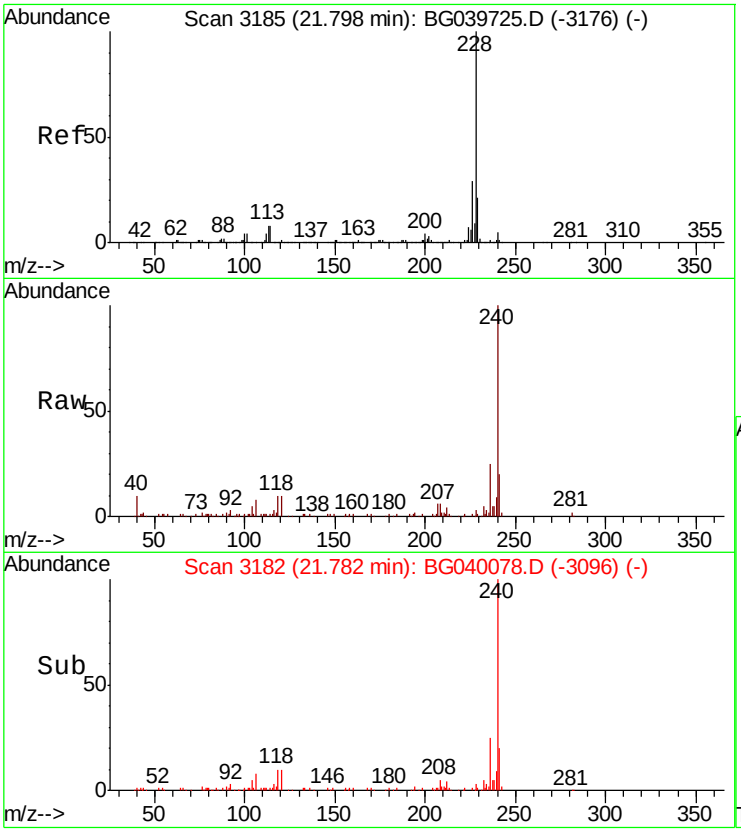


#80
Butylbenzylphthalate
Concen: 0.054 ng
RT: 20.78 min Scan# 3012
Delta R.T. -0.02 min
Lab File: BG040078.D
Acq: 21 Mar 2019 23:10

Tgt Ion:149 Resp: 418

Ion	Ratio	Lower	Upper
149	100		
91	94.7	59.5	89.3#
206	0.0	18.6	27.8#



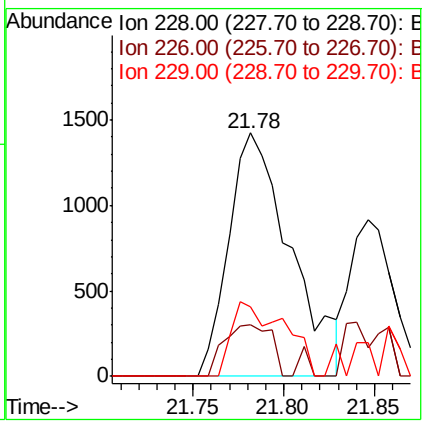


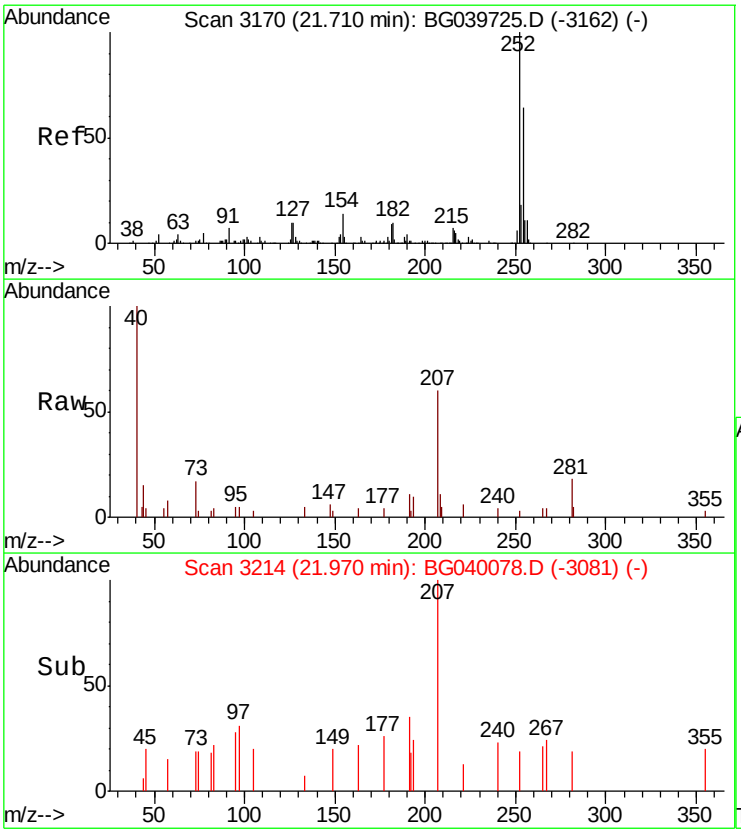
#81
Benzo(a)anthracene
Concen: 0.175 ng
RT: 21.78 min Scan# 3182
Delta R.T. -0.02 min
Lab File: BG040078.D
Acq: 21 Mar 2019 23:10

Instrument :
BNA_G
ClientSampleId :
S-5DL

Tgt Ion:228 Resp: 3373

Ion	Ratio	Lower	Upper
228	100		
226	21.2	23.0	34.6#
229	28.5	16.9	25.3#

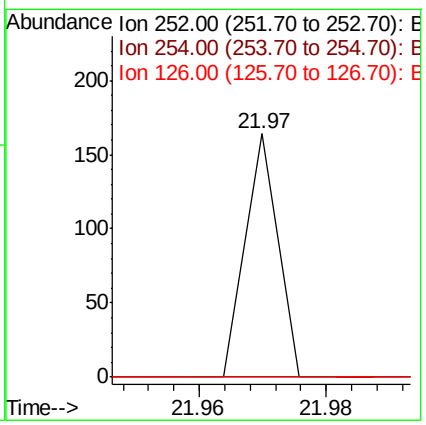


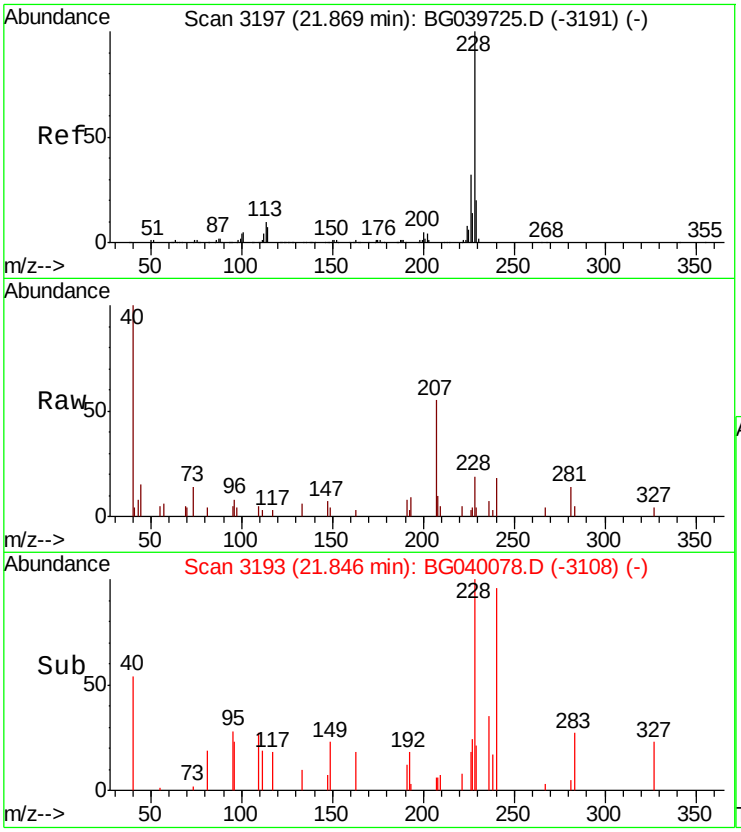


#82
3,3'-Dichlorobenzidine
Concen: 0.008 ng
RT: 21.97 min Scan# 3214
Delta R.T. 0.25 min
Lab File: BG040078.D
Acq: 21 Mar 2019 23:10

Tgt Ion:252 Resp: 58

Ion	Ratio	Lower	Upper
252	100		
254	0.0	51.3	76.9#
126	0.0	8.0	12.0#



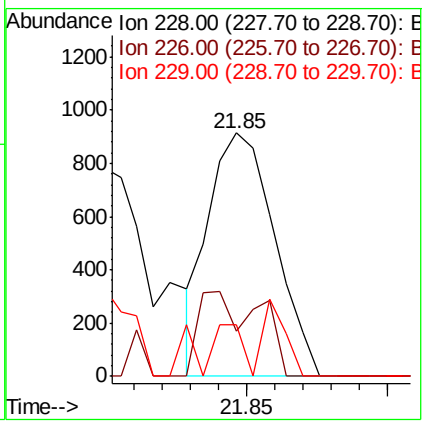


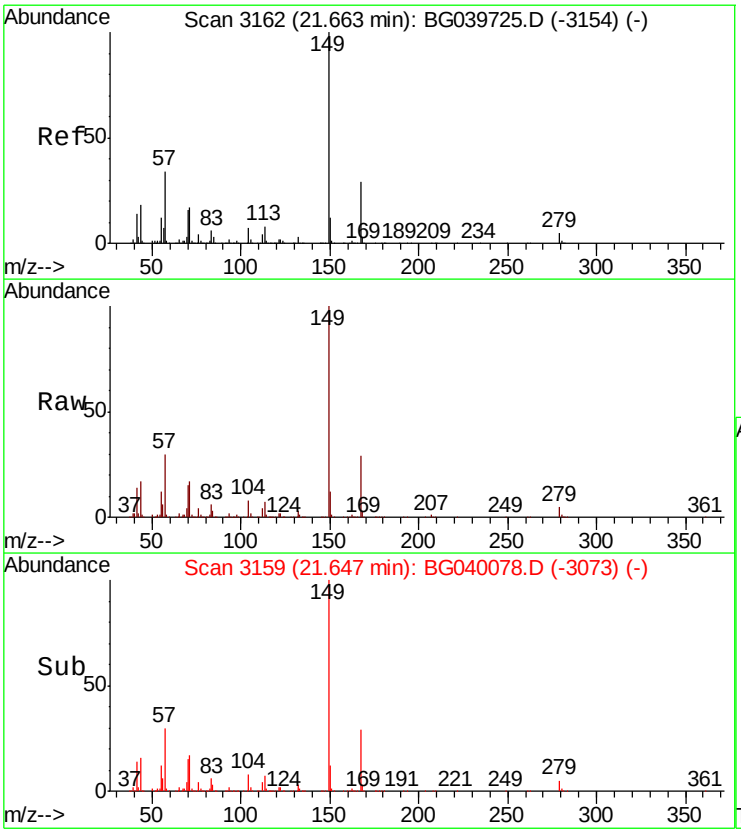
#83
Chrysene
Concen: 0.079 ng
RT: 21.85 min Scan# 3193
Delta R.T. -0.03 min
Lab File: BG040078.D
Acq: 21 Mar 2019 23:10

Instrument :
BNA_G
ClientSampleId :
S-5DL

Tgt Ion:228 Resp: 1480

Ion	Ratio	Lower	Upper
228	100		
226	18.5	25.8	38.6#
229	21.3	16.6	25.0

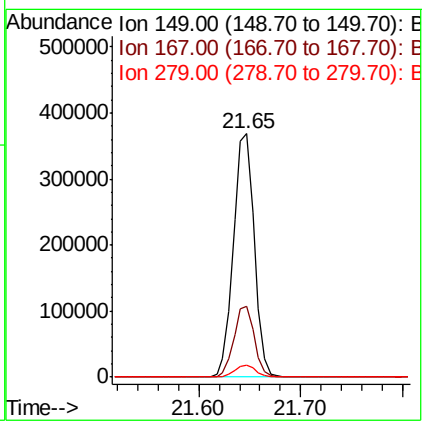


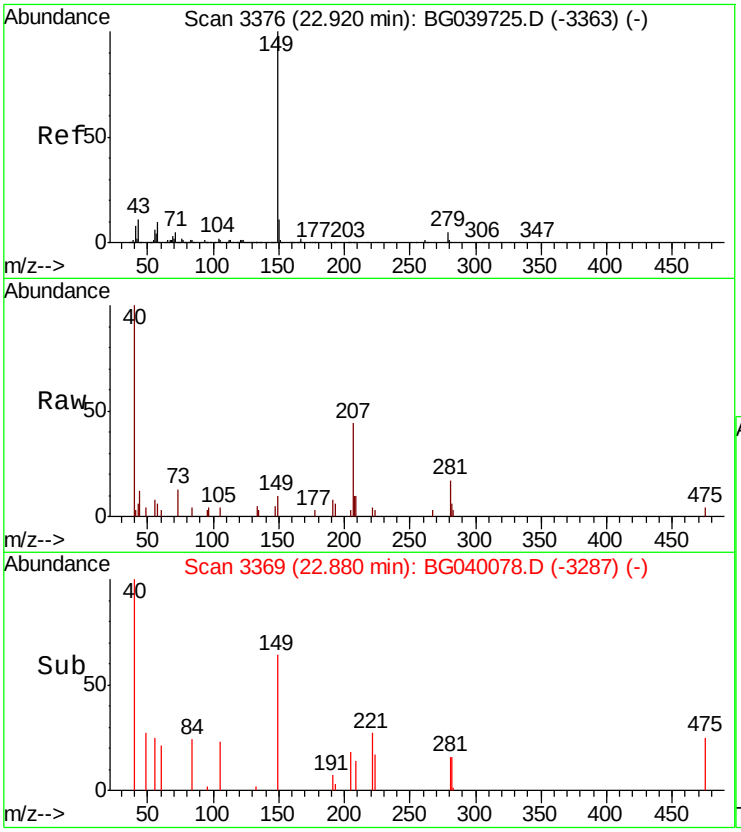


#84
Bis(2-ethylhexyl)phthalate
Concen: 48.150 ng
RT: 21.65 min Scan# 3159
Delta R.T. -0.02 min
Lab File: BG040078.D
Acq: 21 Mar 2019 23:10

Tgt Ion:149 Resp: 524724

Ion	Ratio	Lower	Upper
149	100		
167	29.0	22.6	34.0
279	5.0	3.5	5.3



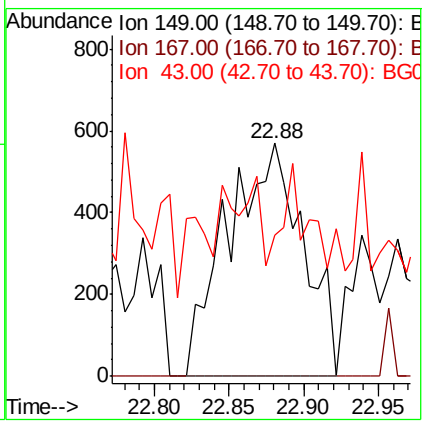


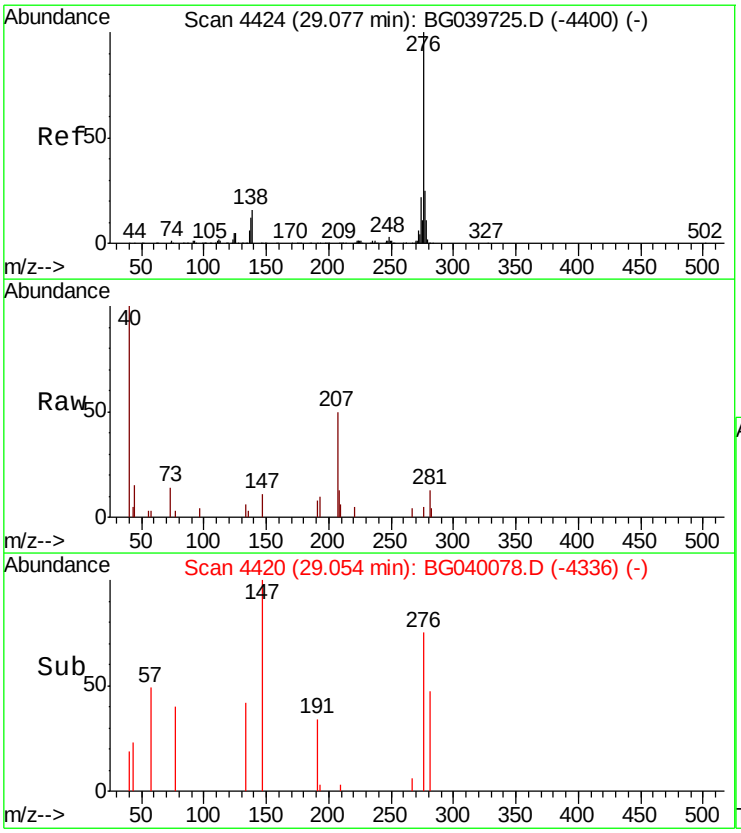
#85
Di-n-octyl phthalate
Concen: 0.111 ng
RT: 22.88 min Scan# 3369
Delta R.T. -0.05 min
Lab File: BG040078.D
Acq: 21 Mar 2019 23:10

Instrument :
BNA_G
ClientSampleId :
S-5DL

Tgt Ion:149 Resp: 2001

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.3	1.9#
43	15.9	10.2	15.4#

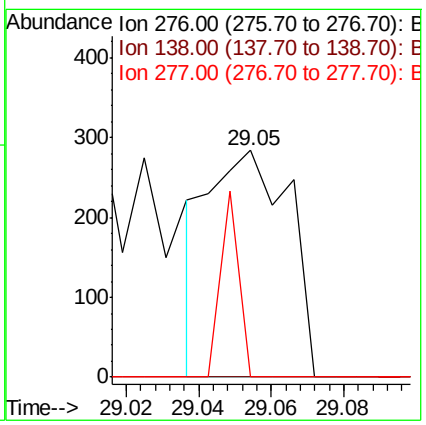


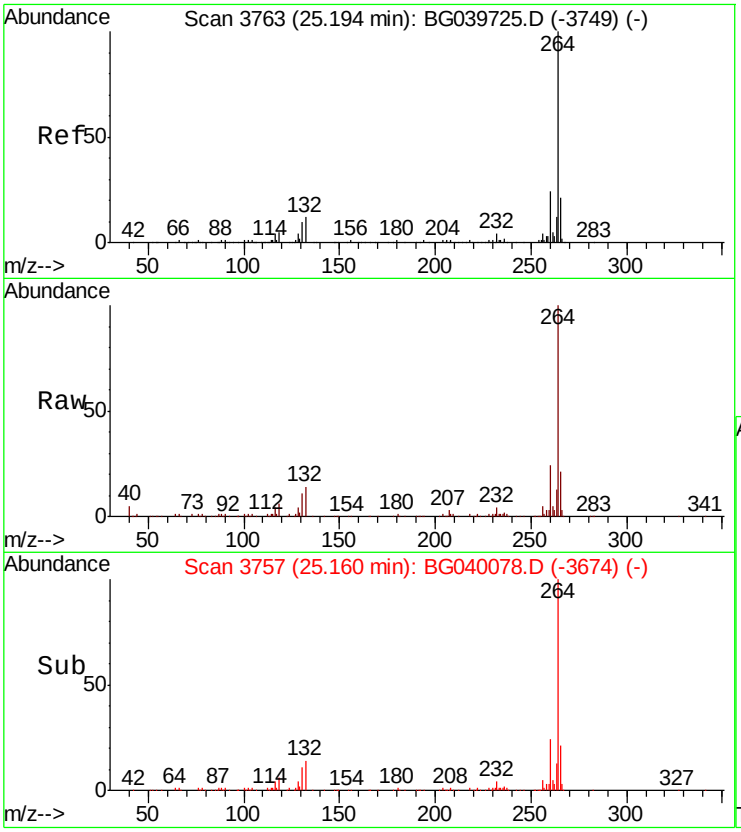


#86
Indeno(1,2,3-cd)pyrene
Concen: 0.020 ng
RT: 29.05 min Scan# 4420
Delta R.T. -0.03 min
Lab File: BG040078.D
Acq: 21 Mar 2019 23:10

Tgt Ion:276 Resp: 435

Ion	Ratio	Lower	Upper
276	100		
138	0.0	12.6	19.0#
277	18.9	20.8	31.2#



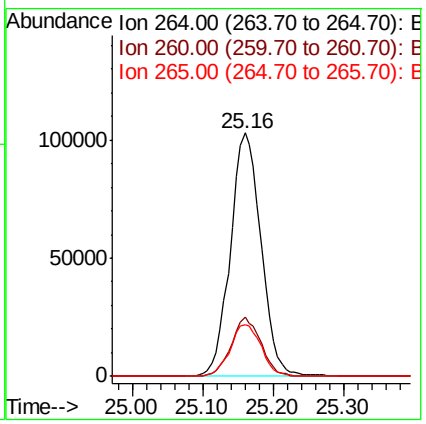


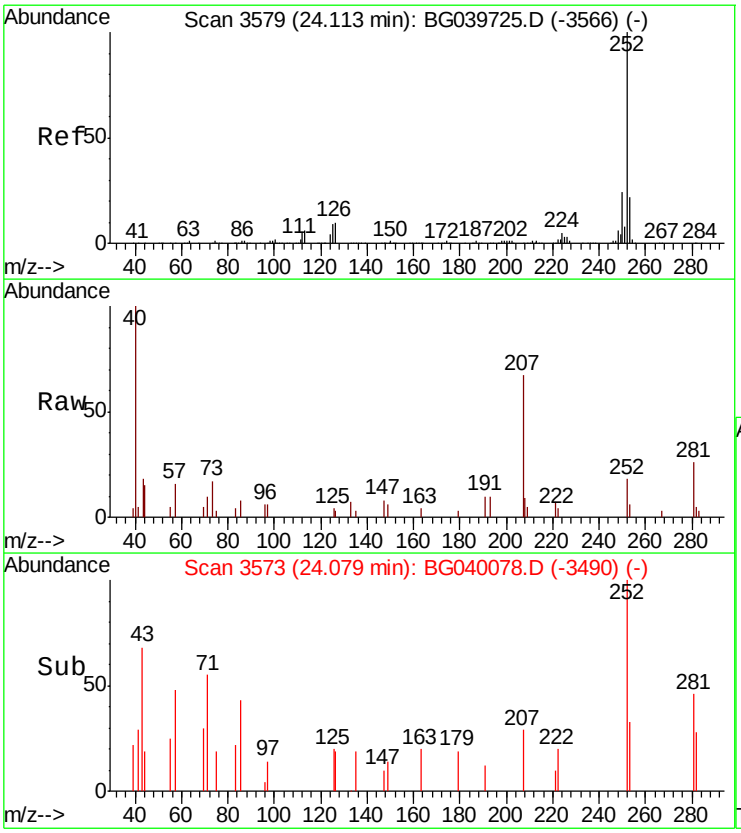
#87
Perylene-d12
Concen: 20.000 ng
RT: 25.16 min Scan# 3757
Delta R.T. -0.04 min
Lab File: BG040078.D
Acq: 21 Mar 2019 23:10

Instrument :
BNA_G
ClientSampleId :
S-5DL

Tgt Ion:264 Resp: 311029

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.2	27.4
265	21.2	18.5	27.7

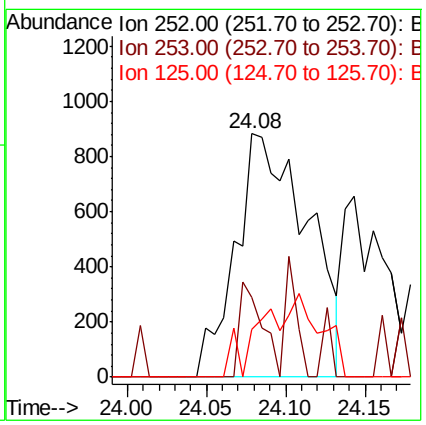


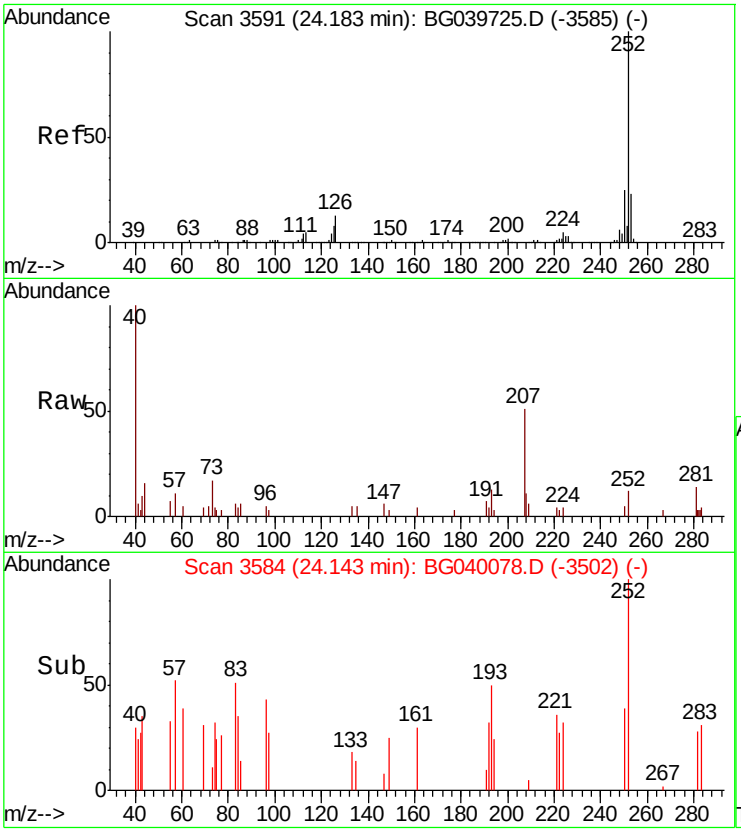


#88
Benzo(b)fluoranthene
Concen: 0.150 ng
RT: 24.08 min Scan# 3573
Delta R.T. -0.04 min
Lab File: BG040078.D
Acq: 21 Mar 2019 23:10

Tgt Ion:252 Resp: 2779

Ion	Ratio	Lower	Upper
252	100		
253	32.7	17.8	26.8#
125	19.8	7.8	11.6#



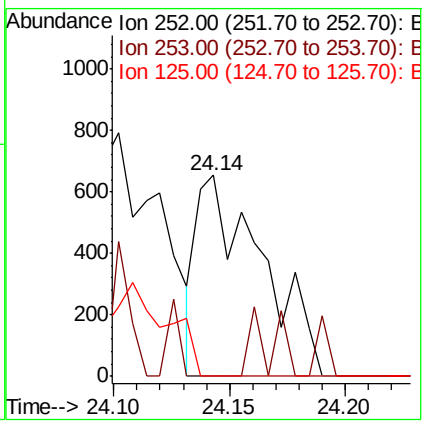


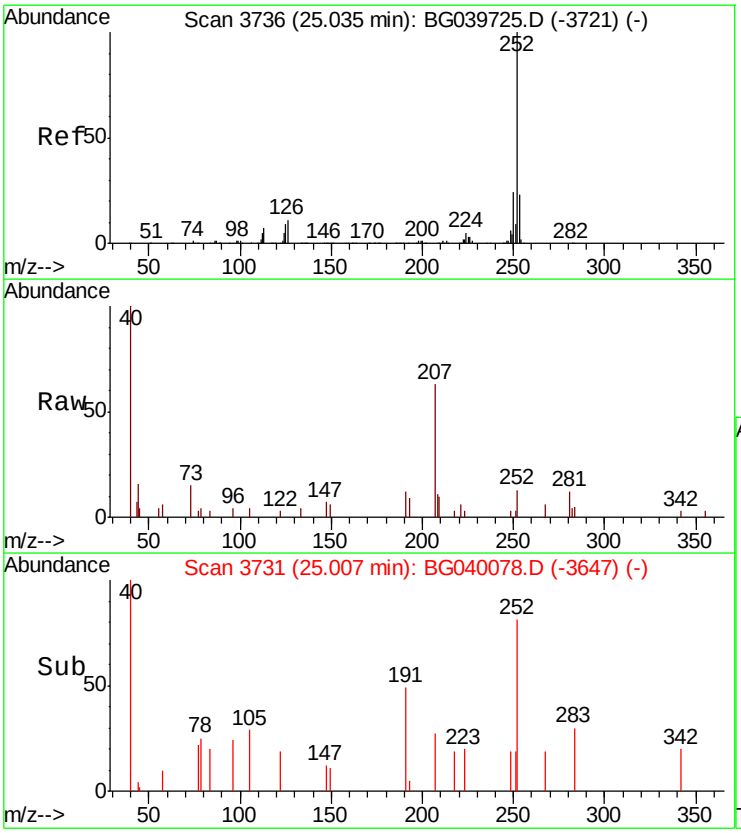
#89
Benzo(k)fluoranthene
Concen: 0.074 ng
RT: 24.14 min Scan# 3584
Delta R.T. -0.05 min
Lab File: BG040078.D
Acq: 21 Mar 2019 23:10

Instrument :
BNA_G
ClientSampleId :
S-5DL

Tgt Ion:252 Resp: 1283

Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.2	27.2#
125	0.0	7.4	11.2#

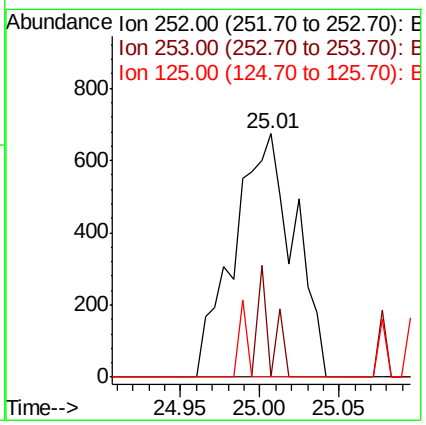


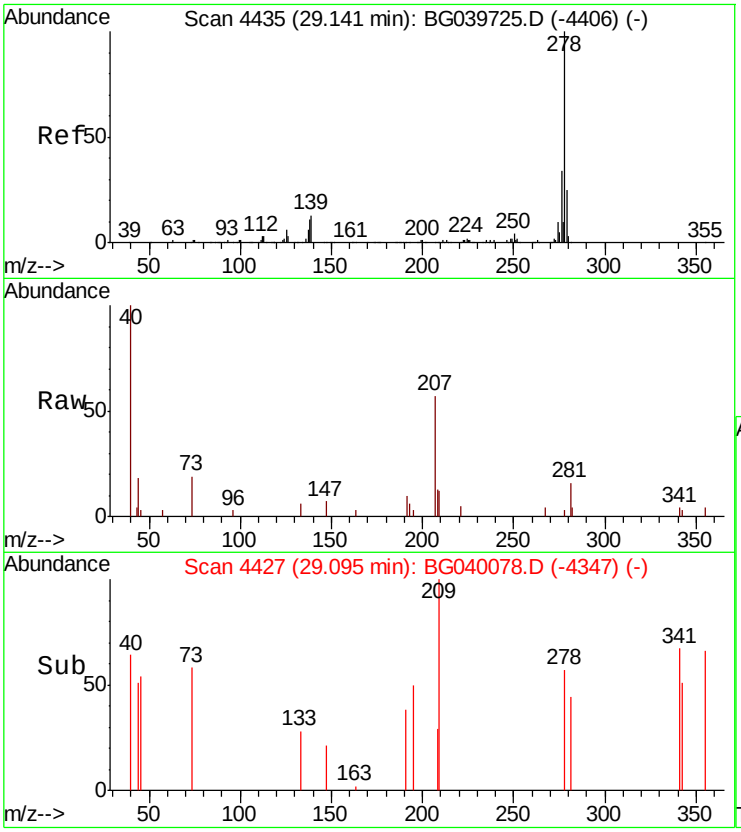


#90
Benzo(a)pyrene
Concen: 0.104 ng
RT: 25.01 min Scan# 3731
Delta R.T. -0.03 min
Lab File: BG040078.D
Acq: 21 Mar 2019 23:10

Tgt Ion:252 Resp: 1790

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.9	26.9#
125	0.0	8.3	12.5#



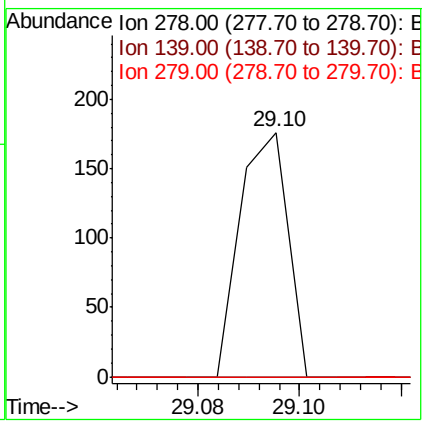


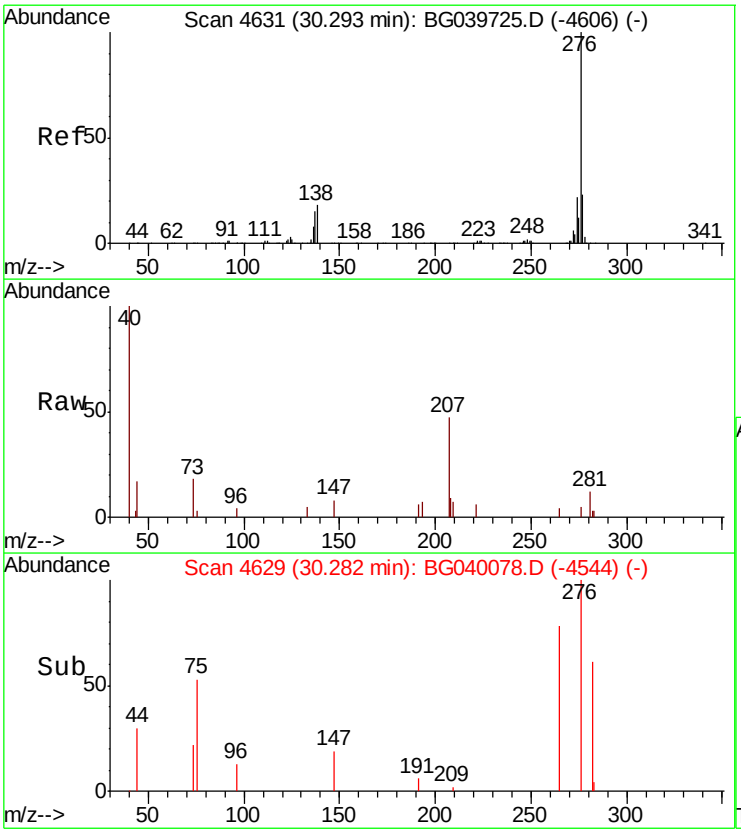
#91
Dibenzo(a,h)anthracene
Concen: 0.007 ng
RT: 29.10 min Scan# 4427
Delta R.T. -0.06 min
Lab File: BG040078.D
Acq: 21 Mar 2019 23:10

Instrument :
BNA_G
ClientSampleId :
S-5DL

Tgt Ion:278 Resp: 115

Ion	Ratio	Lower	Upper
278	100		
139	0.0	11.7	17.5#
279	0.0	19.1	28.7#





#92
Benzo(g,h,i)perylene
Concen: 0.019 ng
RT: 30.28 min Scan# 4629
Delta R.T. -0.03 min
Lab File: BG040078.D
Acq: 21 Mar 2019 23:10

Tgt Ion:276 Resp: 317

Ion	Ratio	Lower	Upper
276	100		
277	0.0	19.6	29.4#
138	0.0	14.7	22.1#