Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030519\
Data File : BG039775.D
Acq On : 5 Mar 2019 22:04
Operator : JU/SJ
Sample : K1715-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-4-B

Quant Time: Mar 06 00:45:05 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	8.16	152	47261	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	206846	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	149260	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	372974	20.00	ng	0.00
76) Chrysene-d12	21.82	240	375521	20.00	ng	-0.01
87) Perylene-d12	25.18	264	376617	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	184522	66.61	ng	0.00
7) Phenol-d6	7.30	99	174535	42.25	ng	-0.01
23) Nitrobenzene-d5	9.33	82	378756	99.03	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	261892	150.54	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	949022	90.53	ng	-0.01
79) Terphenyl-d14	20.12	244	1546567	90.68	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.59	88	57	0.045	ng	# 1
4) n-Nitrosodimethylamine	3.93	42	58	0.036	ng	# 1
6) Aniline	7.32	93	76	0.014	ng	# 1
8) 2-Chlorophenol	7.68	128	67	0.020	ng	# 1
9) Benzaldehyde	7.31	77	310	0.116	ng	# 4
10) Phenol	7.33	94	10478	2.342	ng	90
11) bis(2-Chloroethyl)ether	7.69	93	579	0.166	ng	# 1
12) 1,3-Dichlorobenzene	8.47	146	63	0.017	ng	# 1
13) 1,4-Dichlorobenzene	8.47	146	63	0.016	ng	# 1
14) 1,2-Dichlorobenzene	8.47	146	63	0.017	ng	# 1
15) Benzyl Alcohol	8.48	79	5397	1.647	ng	# 46
16) 2,2'-oxybis(1-Chloropropan	8.71	45	56	0.008	ng	75
19) n-Nitroso-di-n-propylamine	9.33	70	48652	16.364	ng	# 70
24) Nitrobenzene	9.33	77	1505	0.375	ng	# 35
46) 1,1'-Biphenyl	13.61	154	1493	0.122	ng	88
48) 2-Nitroaniline	14.22	65	280	0.094	ng	# 1
49) Acenaphthylene	14.85	152	70	0.005	ng	# 1
50) Dimethylphthalate	14.23	163	28356	2.272	ng	98
51) 2,6-Dinitrotoluene	14.78	165	19021	7.189	ng	# 24
52) Acenaphthene	14.85	154	73	0.008	ng	# 74
55) Dibenzofuran	15.17	168	74	0.005	ng	# 45
57) 2,4-Dinitrotoluene	14.78	165	19021	5.116	ng	# 19
58) Fluorene	16.27	166	11553	0.982	ng	# 79
60) Diethylphthalate	15.58	149	725	0.059	ng	# 68
63) Azobenzene	16.13	77	283	0.025	ng	# 47
65) 4,6-Dinitro-2-methylphenol	16.27	198	973	0.441	ng	# 1
66) n-Nitrosodiphenylamine	16.27	169	10926	1.012	ng	# 50
67) 4-Bromophenyl-phenylether	16.27	248	21249	5.090	ng	# 1
69) Atrazine	17.43	200	67	0.016	ng	# 35
71) Phenanthrene	17.57	178	690	0.034	ng	# 59
72) Anthracene	17.67	178	376	0.019	ng	# 60
73) Carbazole	17.93	167	131	0.007	ng	# 57
74) Di-n-butylphthalate	18.46	149	5785	0.272	ng	# 95
75) Fluoranthene	19.57	202	994	0.041	ng	69

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030519\
Data File : BG039775.D
Acq On : 5 Mar 2019 22:04
Operator : JU/SJ
Sample : K1715-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-4-B

Quant Time: Mar 06 00:45:05 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)
77) Benzidine	20.12	184	28475	2.390	ng	#	89
78) Pyrene	19.93	202	1452	0.060	ng	#	55
80) Butylbenzylphthalate	20.80	149	983	0.104	ng	#	68
81) Benzo(a)anthracene	21.81	228	2115	0.090	ng	#	55
83) Chrysene	21.87	228	791	0.035	ng	#	80
84) Bis(2-ethylhexyl)phthalate	21.66	149	1611	0.121	ng	#	85
85) Di-n-octyl phthalate	22.91	149	719	0.033	ng	#	71
86) Indeno(1,2,3-cd)pyrene	29.05	276	325	0.013	ng	#	54
88) Benzo(b)fluoranthene	24.11	252	1152	0.051	ng	#	81
89) Benzo(k)fluoranthene	24.18	252	634	0.030	ng	#	59
90) Benzo(a)pyrene	25.02	252	427	0.021	ng	#	67
91) Dibenzo(a,h)anthracene	29.12	278	131	0.006	ng	#	56
92) Benzo(g,h,i)perylene	30.29	276	133	0.007	ng	#	54

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030519\
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Acq On : 5 Mar 2019 22:04
Operator : JU/SJ
Sample : K1715-13
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Instrument : BNA_G
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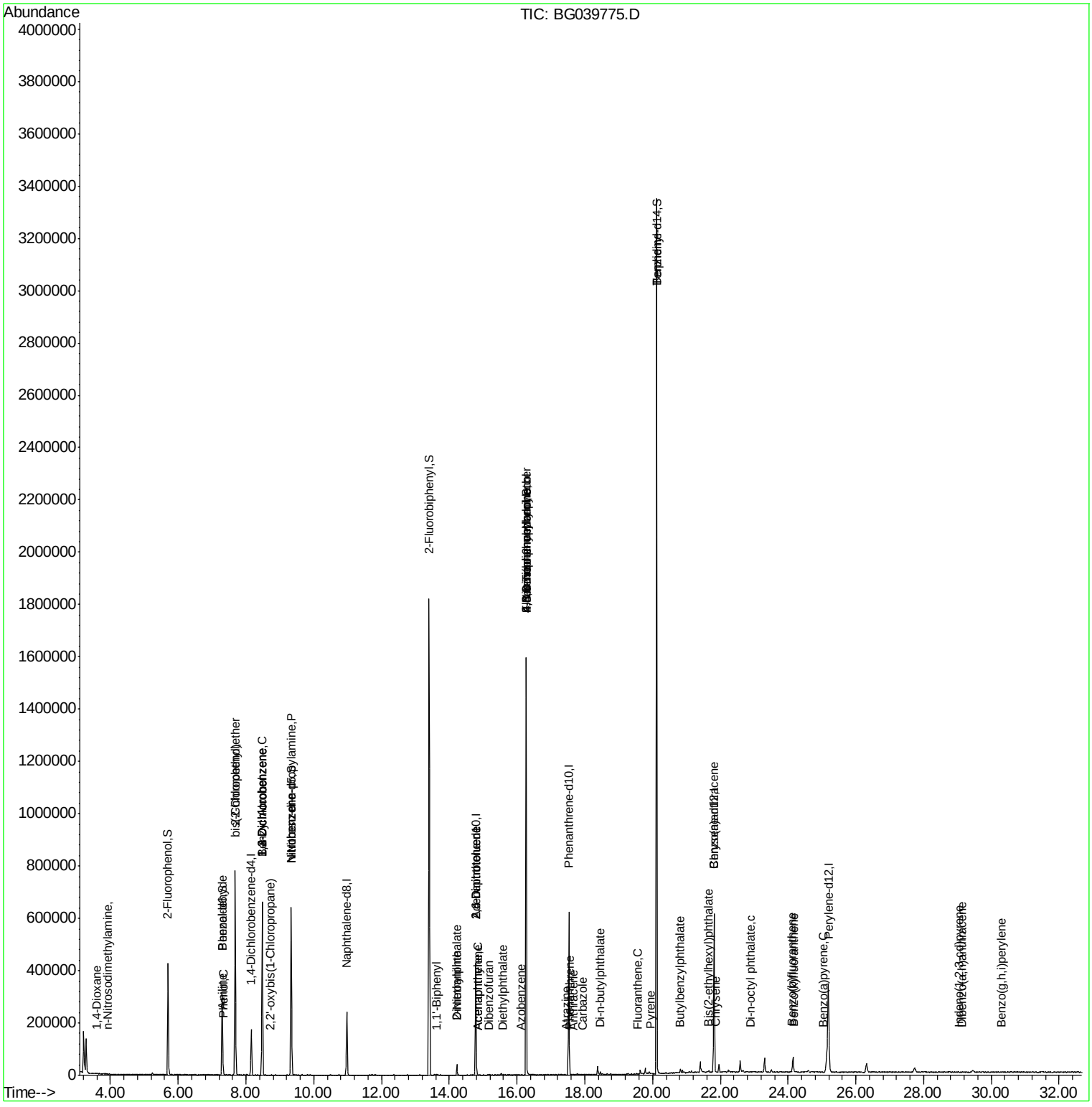
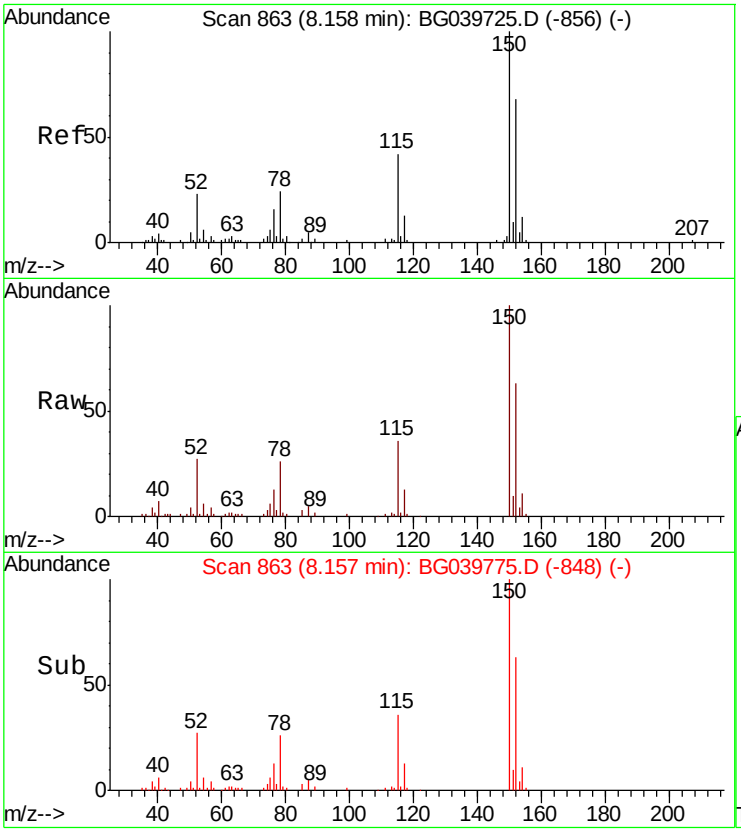
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration



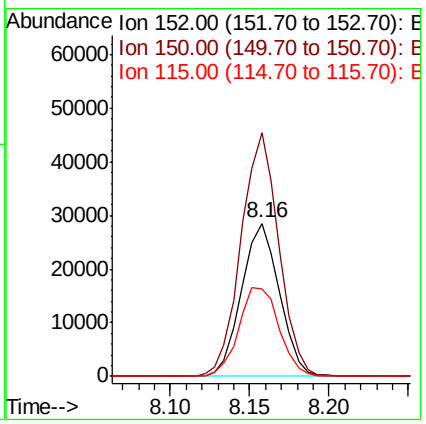


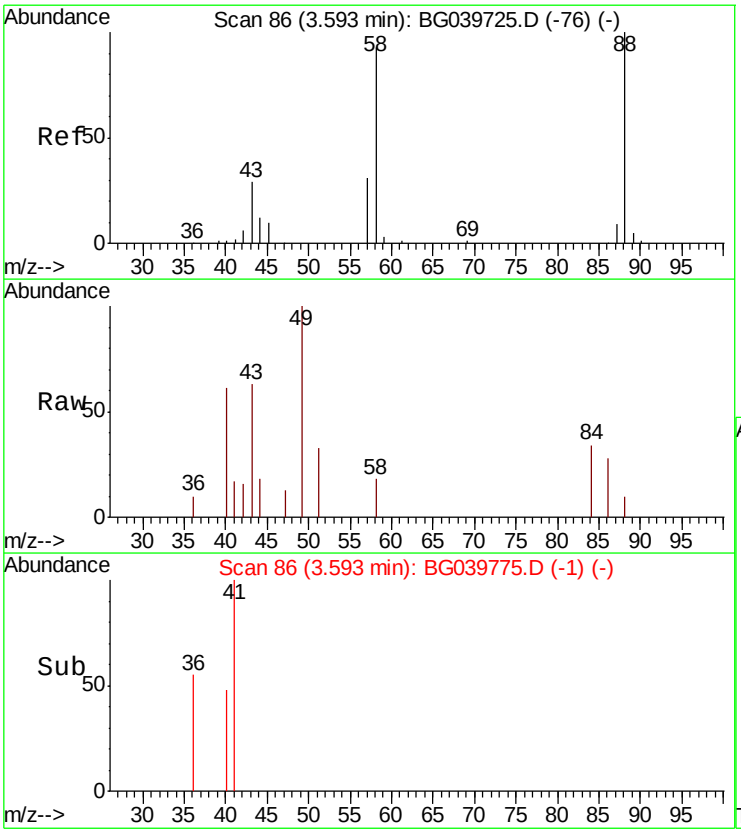
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BG039775.D
Acq: 5 Mar 2019 22:04

Instrument :
BNA_G
ClientSampleId :
TP-4-B

Tgt Ion:152 Resp: 47261

Ion	Ratio	Lower	Upper
152	100		
150	158.9	123.7	185.5
115	57.4	45.9	68.9

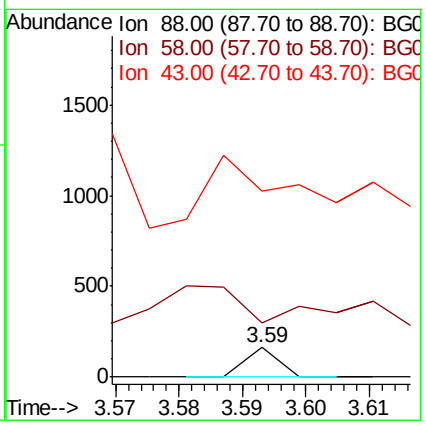


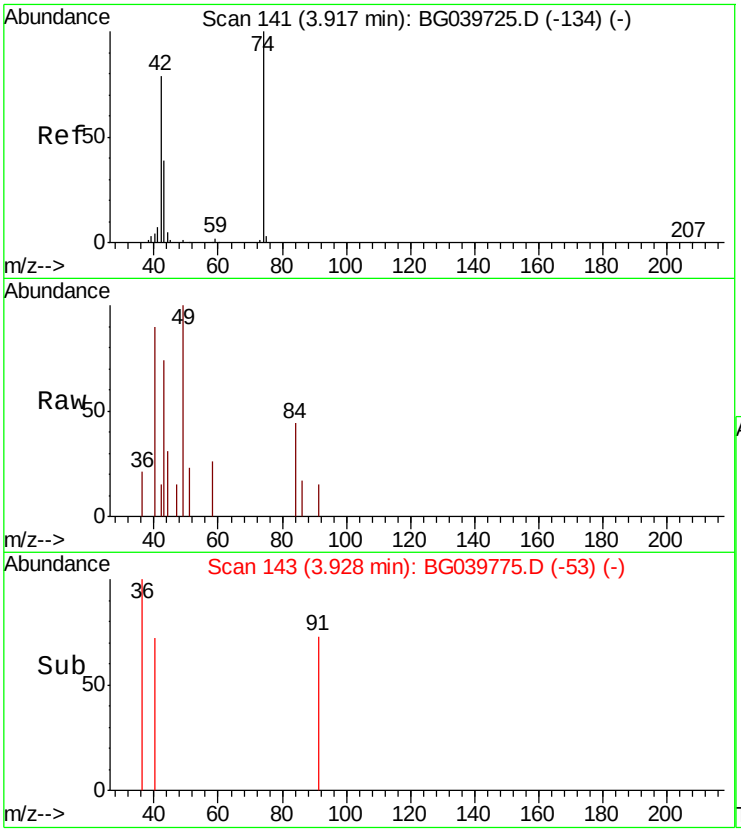


#2
1,4-Dioxane
Concen: 0.045 ng
RT: 3.59 min Scan# 86
Delta R.T. -0.01 min
Lab File: BG039775.D
Acq: 5 Mar 2019 22:04

Tgt Ion: 88 Resp: 57

Ion	Ratio	Lower	Upper
88	100		
58	382.5	81.1	121.7#
43	0.0	31.4	47.0#



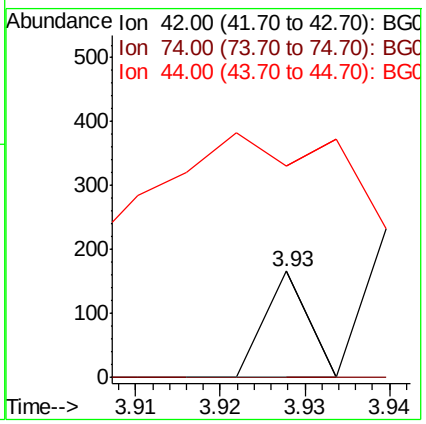


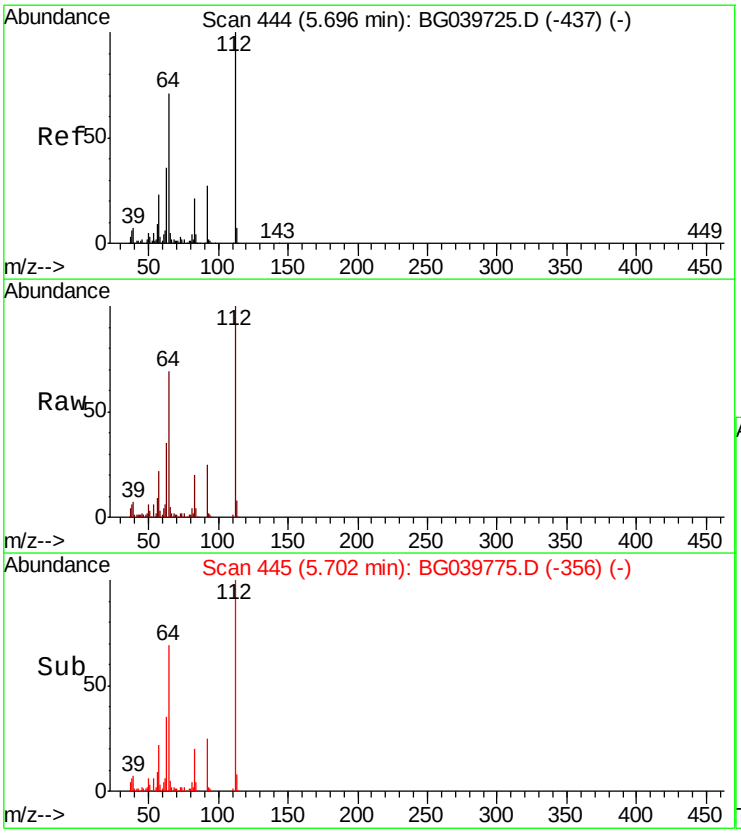
#4
n-Nitrosodimethylamine
Concen: 0.036 ng
RT: 3.93 min Scan# 143
Delta R.T. -0.00 min
Lab File: BG039775.D
Acq: 5 Mar 2019 22:04

Instrument :
BNA_G
ClientSampleId :
TP-4-B

Tgt Ion: 42 Resp: 58

Ion	Ratio	Lower	Upper
42	100		
74	0.0	83.6	125.4#
44	200.6	6.9	10.3#

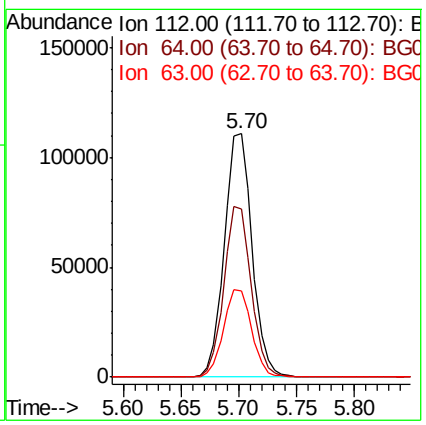


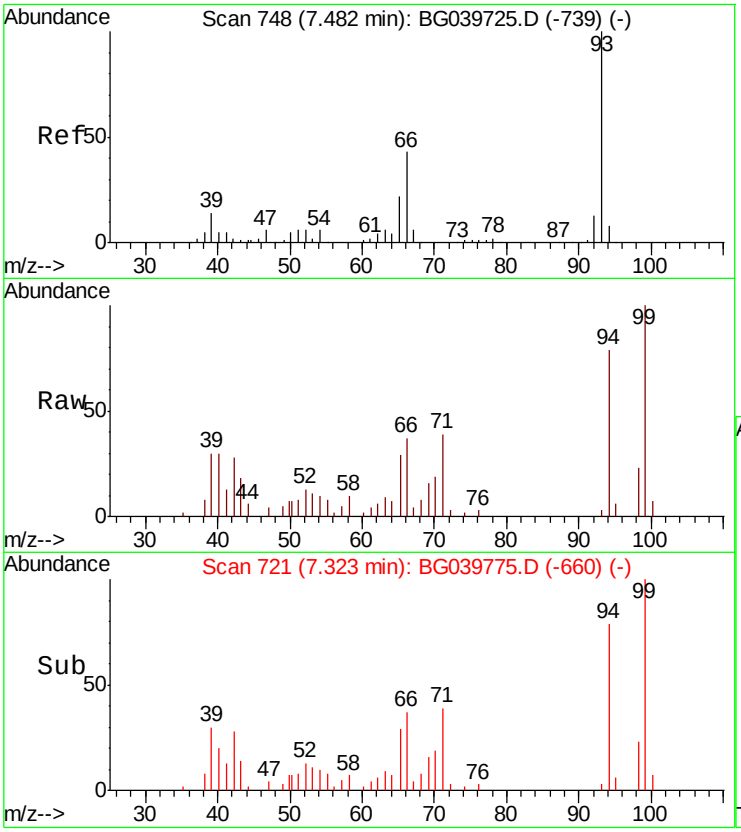


#5
2-Fluorophenol
Concen: 66.608 ng
RT: 5.70 min Scan# 445
Delta R.T. -0.01 min
Lab File: BG039775.D
Acq: 5 Mar 2019 22:04

Tgt Ion:112 Resp: 184522

Ion	Ratio	Lower	Upper
112	100		
64	69.2	57.8	86.8
63	35.5	29.8	44.6



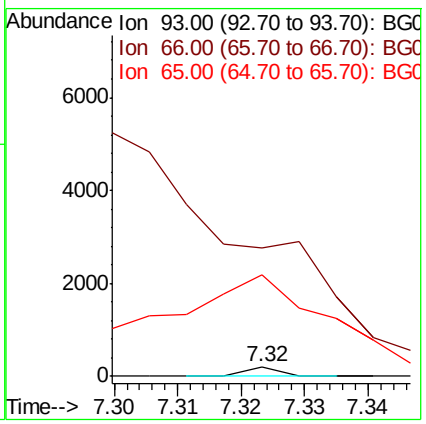


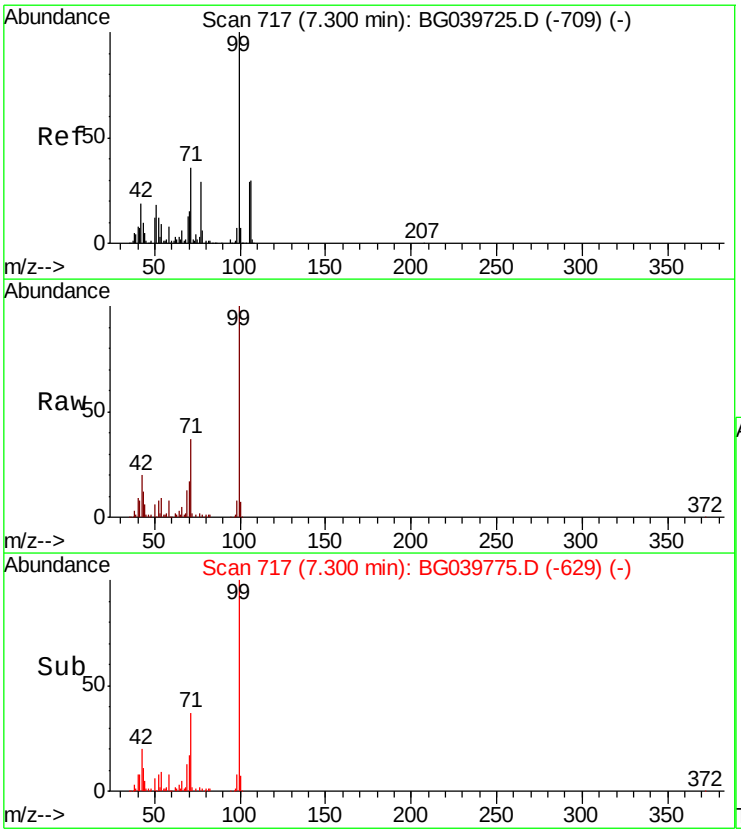
#6
Aniline
Concen: 0.014 ng
RT: 7.32 min Scan# 721
Delta R.T. -0.17 min
Lab File: BG039775.D
Acq: 5 Mar 2019 22:04

Instrument :
BNA_G
ClientSampleId :
TP-4-B

Tgt Ion: 93 Resp: 76

Ion	Ratio	Lower	Upper
93	100		
66	1283.7	34.2	51.4#
65	1012.6	17.7	26.5#

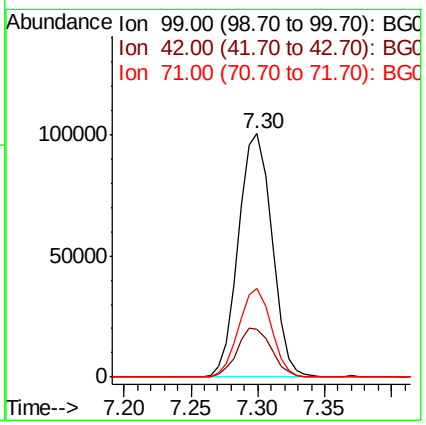


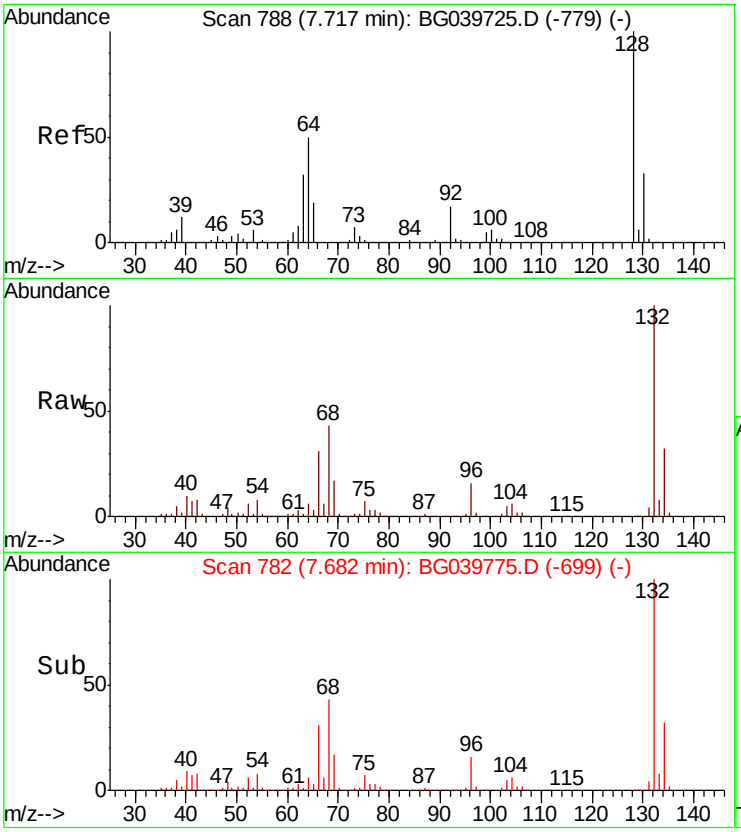


#7
Phenol-d6
Concen: 42.254 ng
RT: 7.30 min Scan# 717
Delta R.T. -0.01 min
Lab File: BG039775.D
Acq: 5 Mar 2019 22:04

Tgt Ion: 99 Resp: 174535

Ion	Ratio	Lower	Upper
99	100		
42	19.7	18.2	27.2
71	36.6	28.0	42.0



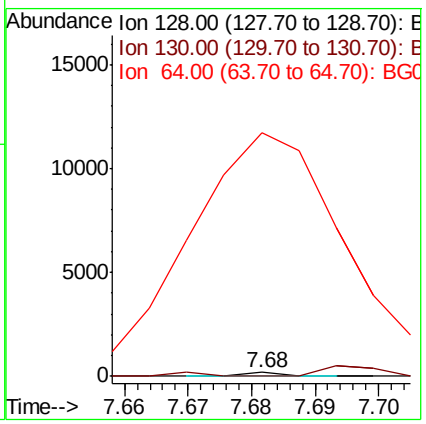


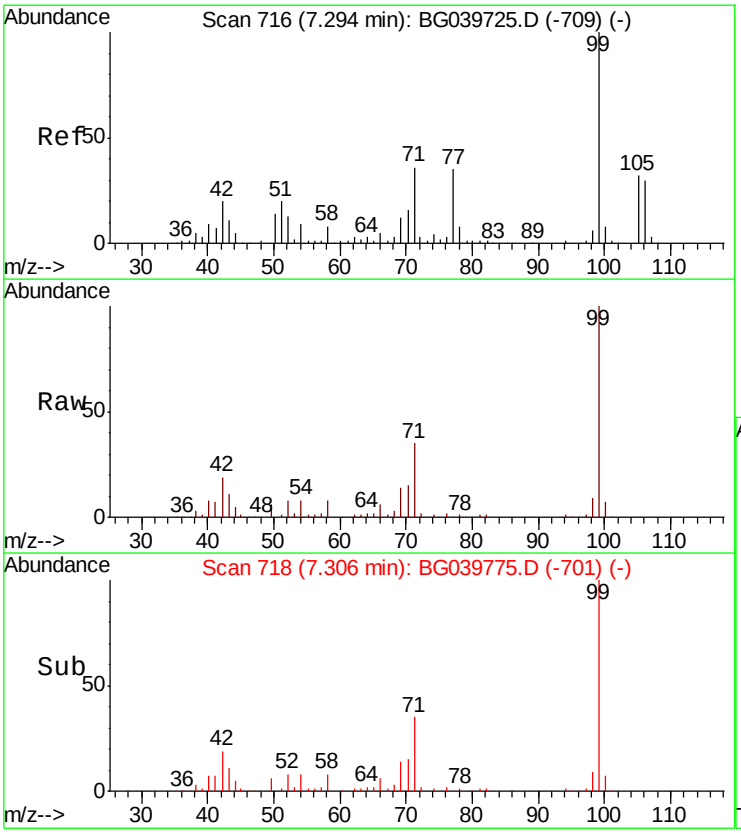
#8
2-Chlorophenol
Concen: 0.020 ng
RT: 7.68 min Scan# 782
Delta R.T. -0.04 min
Lab File: BG039775.D
Acq: 5 Mar 2019 22:04

Instrument :
BNA_G
ClientSampleId :
TP-4-B

Tgt Ion:128 Resp: 67

Ion	Ratio	Lower	Upper
128	100		
130	0.0	12.9	52.9#
64	6136.6	38.7	78.7#

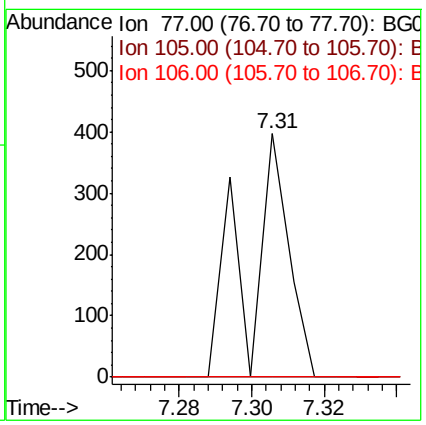


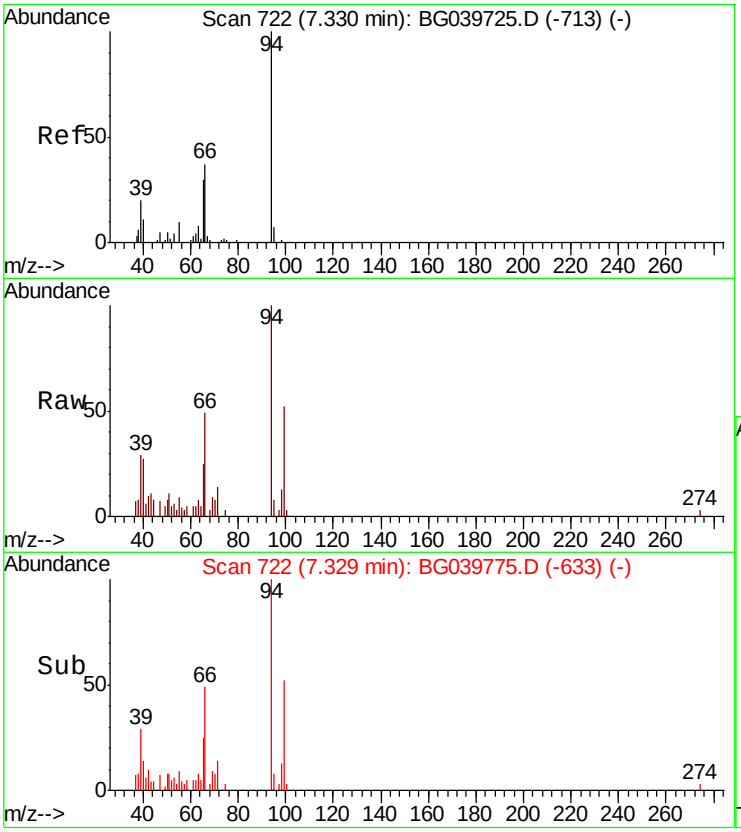


#9
Benzaldehyde
Concen: 0.116 ng
RT: 7.31 min Scan# 718
Delta R.T. -0.00 min
Lab File: BG039775.D
Acq: 5 Mar 2019 22:04

Tgt Ion: 77 Resp: 310

Ion	Ratio	Lower	Upper
77	100		
105	0.0	74.5	114.5#
106	0.0	68.0	108.0#



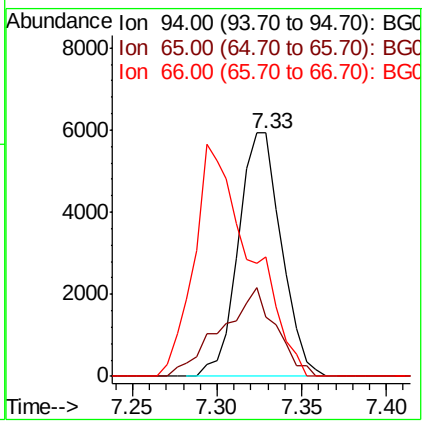


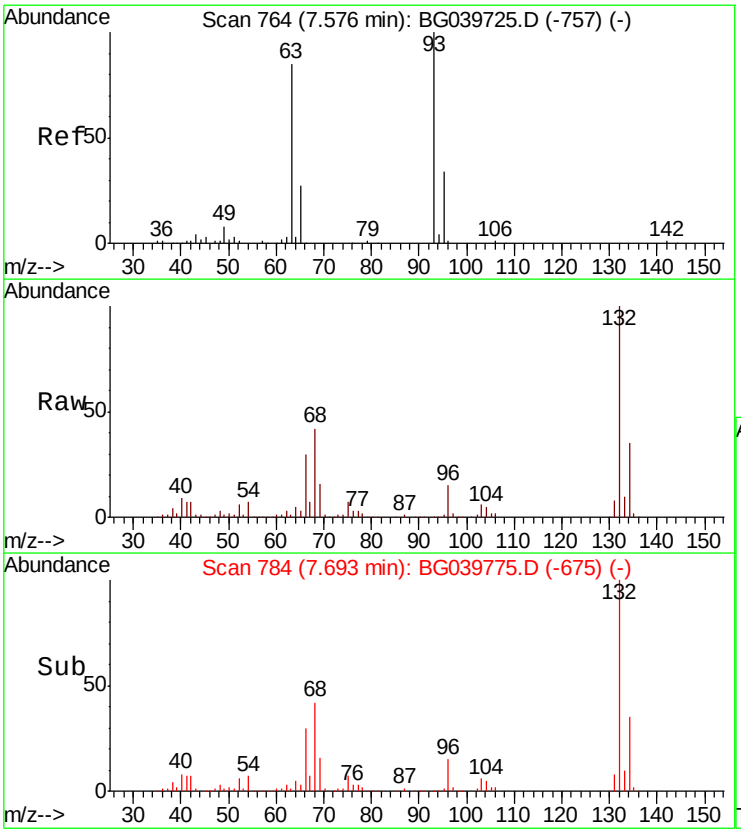
#10
Phenol
Concen: 2.342 ng
RT: 7.33 min Scan# 722
Delta R.T. -0.01 min
Lab File: BG039775.D
Acq: 5 Mar 2019 22:04

Instrument :
BNA_G
ClientSampleId :
TP-4-B

Tgt Ion: 94 Resp: 10478

Ion	Ratio	Lower	Upper
94	100		
65	24.6	11.7	51.7
66	49.1	23.7	63.7

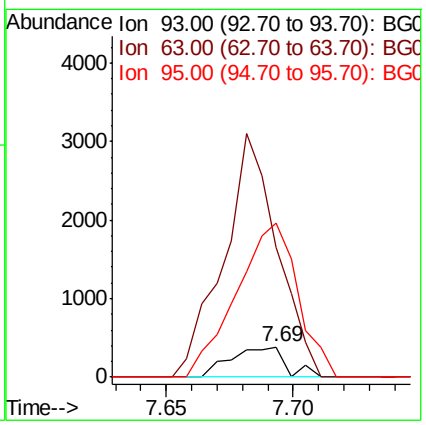


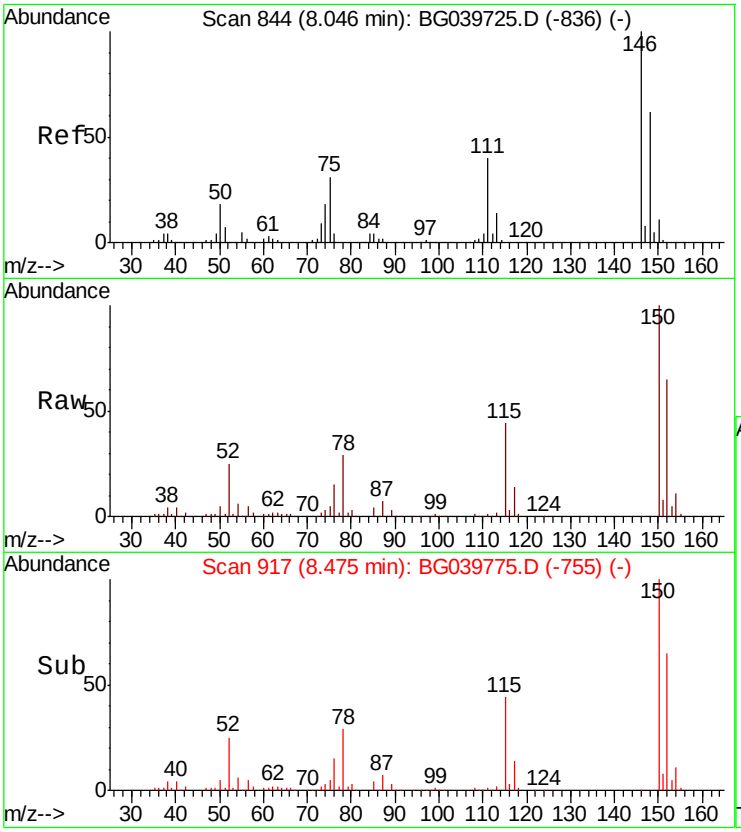


#11
bis(2-Chloroethyl)ether
Concen: 0.166 ng
RT: 7.69 min Scan# 784
Delta R.T. 0.11 min
Lab File: BG039775.D
Acq: 5 Mar 2019 22:04

Tgt Ion: 93 Resp: 579

Ion	Ratio	Lower	Upper
93	100		
63	432.3	69.5	109.5#
95	516.3	12.7	52.7#



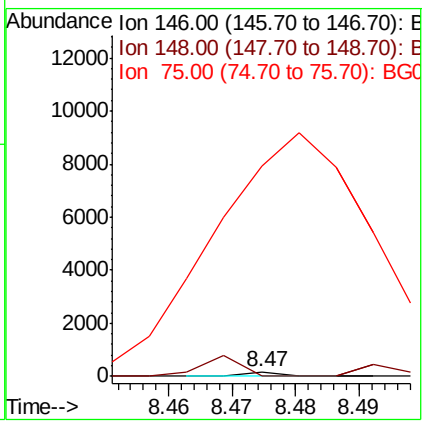


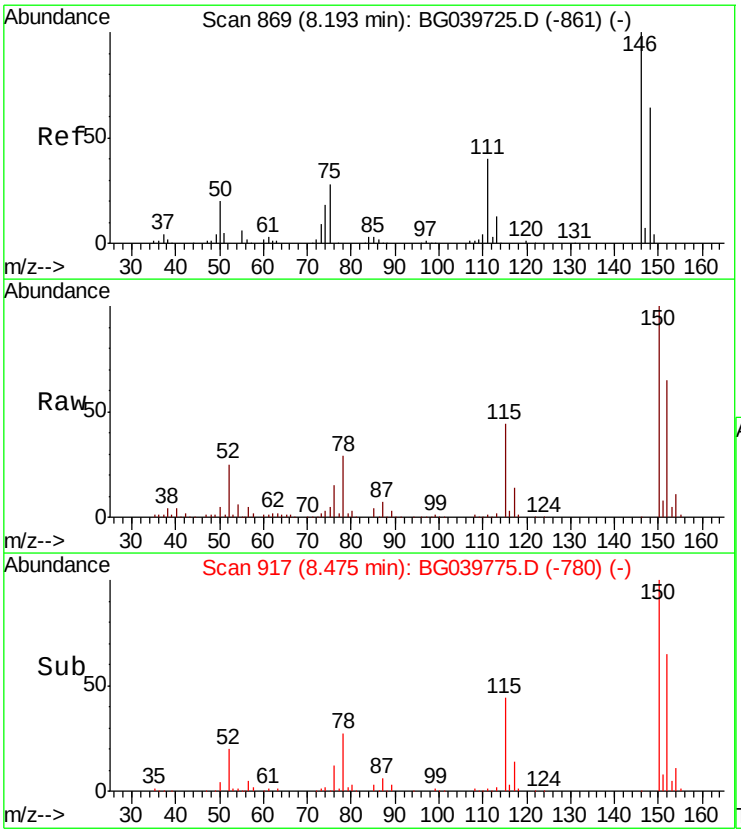
#12
1,3-Dichlorobenzene
Concen: 0.017 ng
RT: 8.47 min Scan# 917
Delta R.T. 0.42 min
Lab File: BG039775.D
Acq: 5 Mar 2019 22:04

Instrument :
BNA_G
ClientSampleId :
TP-4-B

Tgt Ion:146 Resp: 63

Ion	Ratio	Lower	Upper
146	100		
148	0.0	52.6	79.0#
75	4409.4	25.8	38.6#

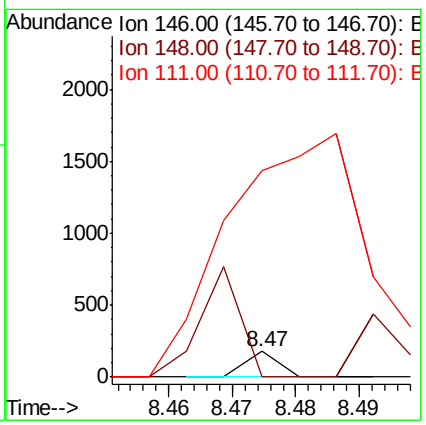


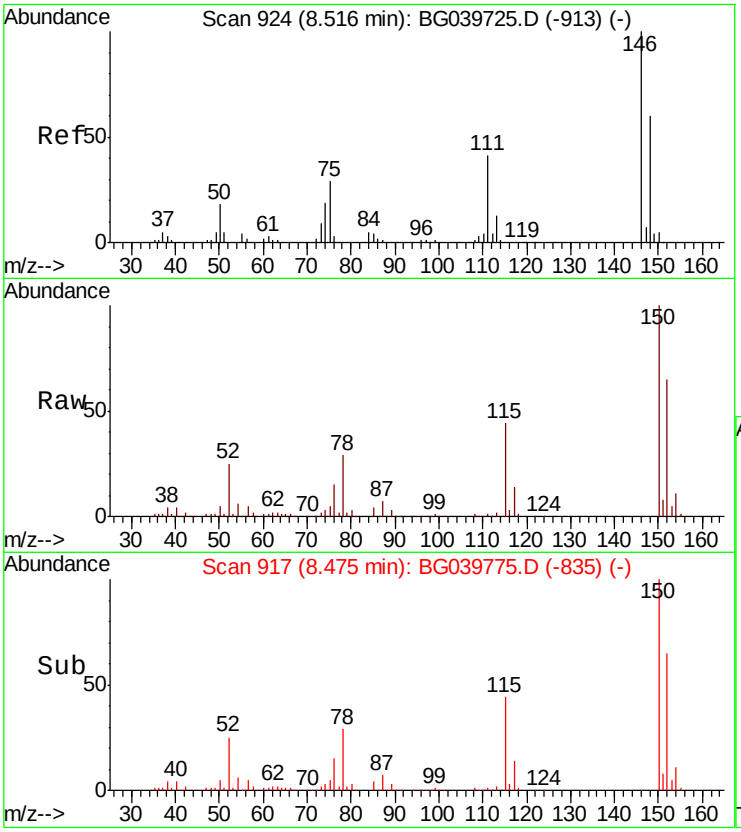


#13
1,4-Dichlorobenzene
Concen: 0.016 ng
RT: 8.47 min Scan# 917
Delta R.T. 0.27 min
Lab File: BG039775.D
Acq: 5 Mar 2019 22:04

Tgt Ion:146 Resp: 63

Ion	Ratio	Lower	Upper
146	100		
148	0.0	51.1	76.7#
111	798.9	32.6	48.8#



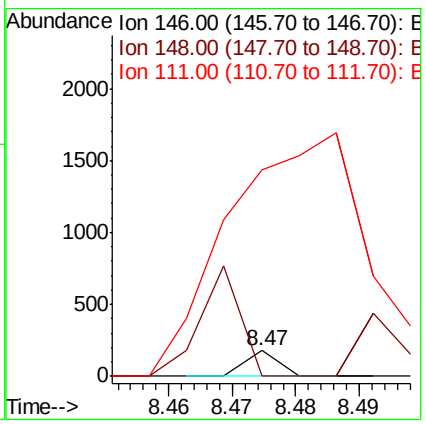


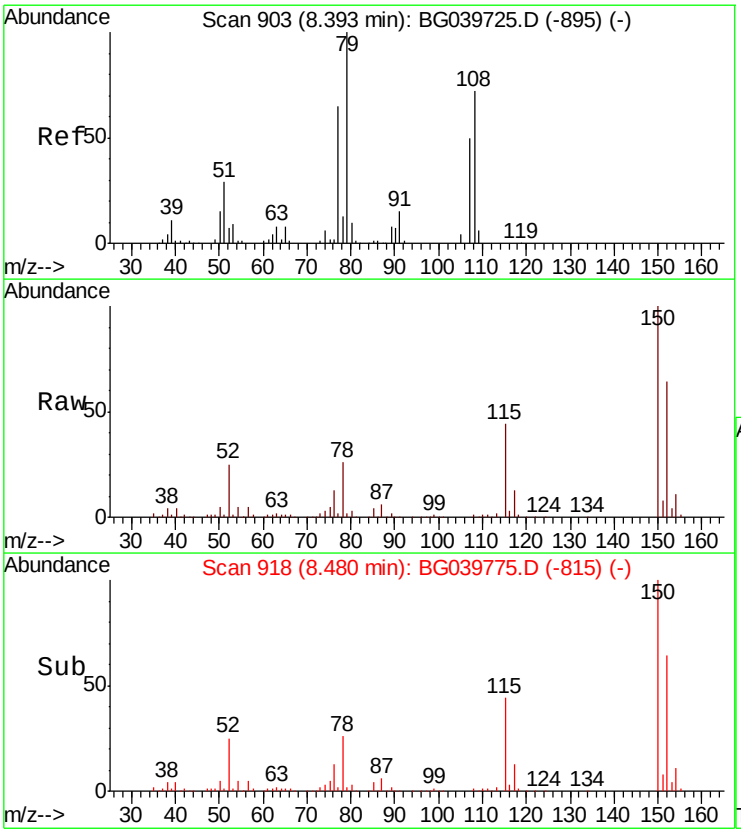
#14
1,2-Dichlorobenzene
Concen: 0.017 ng
RT: 8.47 min Scan# 917
Delta R.T. -0.05 min
Lab File: BG039775.D
Acq: 5 Mar 2019 22:04

Instrument :
BNA_G
ClientSampleId :
TP-4-B

Tgt Ion:146 Resp: 63

Ion	Ratio	Lower	Upper
146	100		
148	0.0	51.5	77.3#
111	798.9	33.8	50.6#

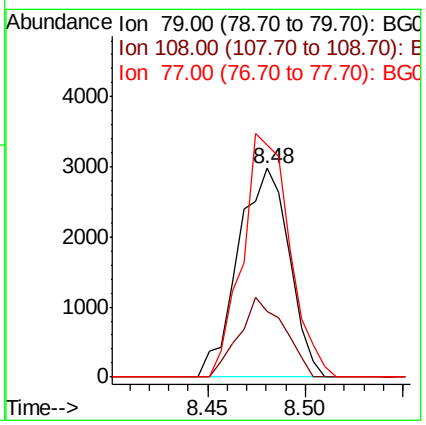


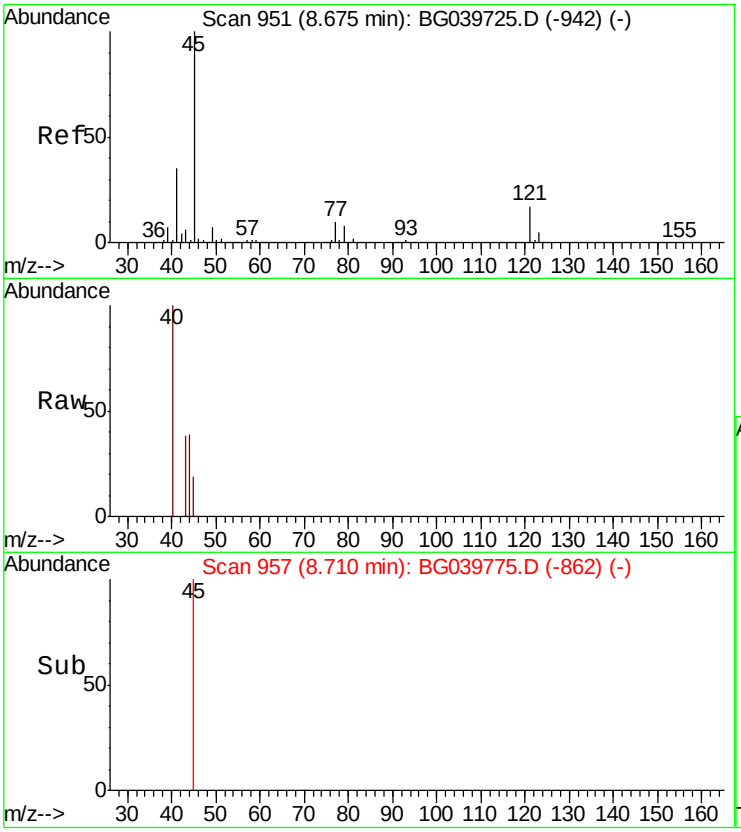


#15
Benzyl Alcohol
Concen: 1.647 ng
RT: 8.48 min Scan# 918
Delta R.T. 0.08 min
Lab File: BG039775.D
Acq: 5 Mar 2019 22:04

Tgt Ion: 79 Resp: 5397

Ion	Ratio	Lower	Upper
79	100		
108	31.5	57.8	86.6#
77	111.4	51.1	76.7#



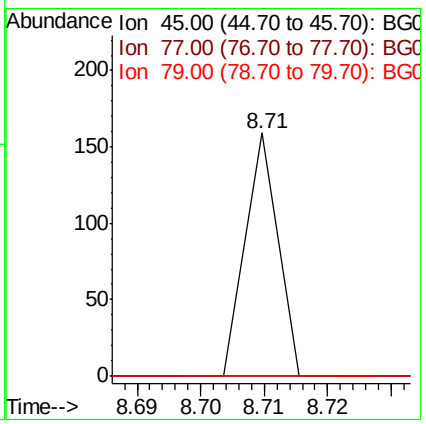


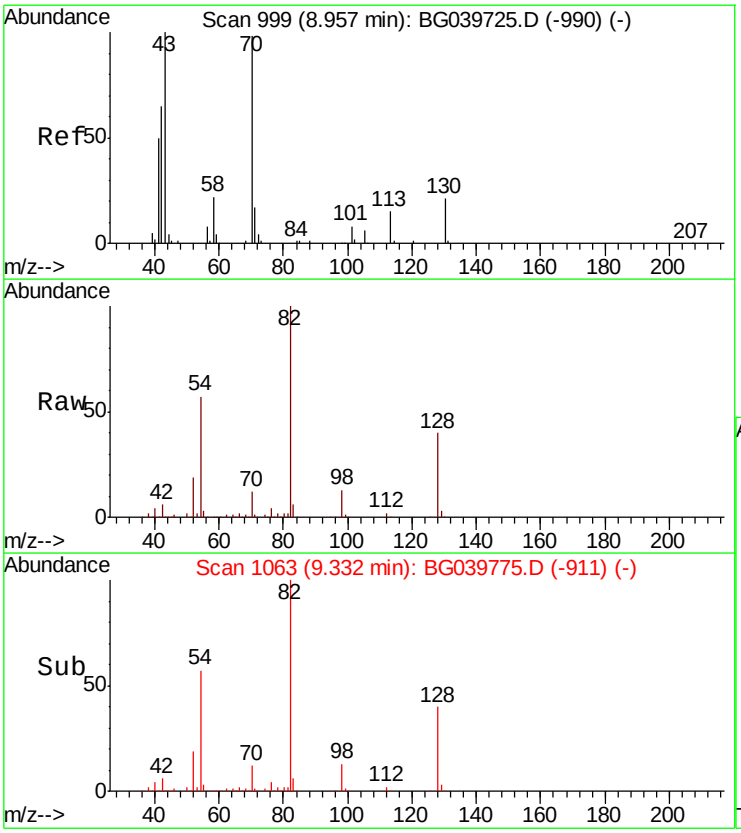
#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.008 ng
RT: 8.71 min Scan# 957
Delta R.T. 0.03 min
Lab File: BG039775.D
Acq: 5 Mar 2019 22:04

Instrument :
BNA_G
ClientSampleId :
TP-4-B

Tgt Ion: 45 Resp: 56

Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	30.0
79	0.0	0.0	27.5

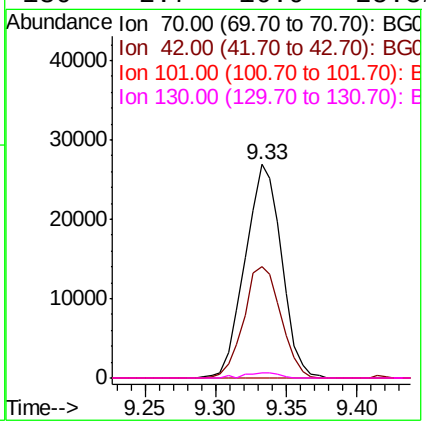


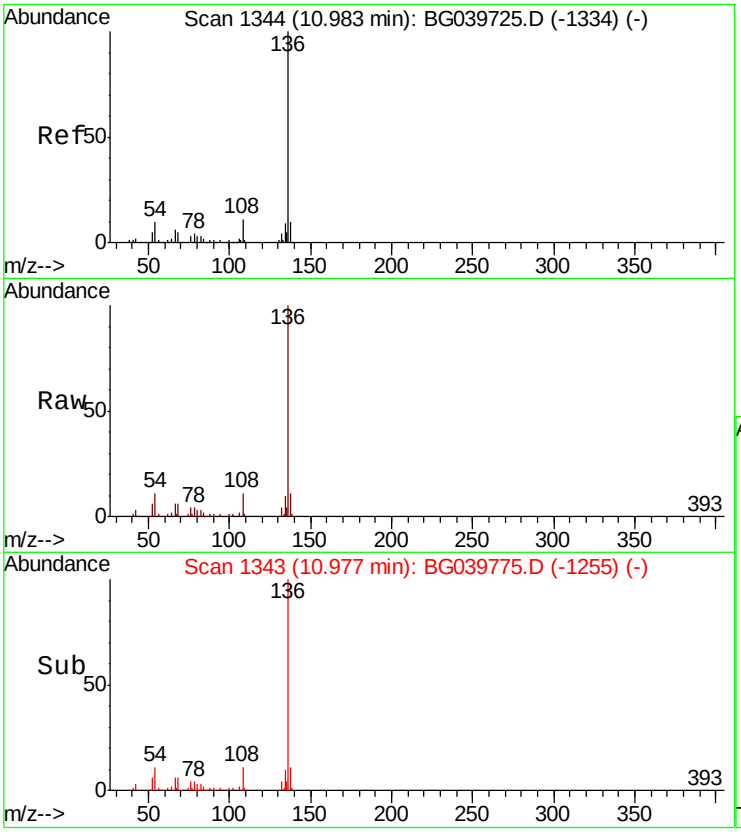


#19
n-Nitroso-di-n-propylamine
Concen: 16.364 ng
RT: 9.33 min Scan# 1063
Delta R.T. 0.36 min
Lab File: BG039775.D
Acq: 5 Mar 2019 22:04

Tgt Ion: 70 Resp: 48652

Ion	Ratio	Lower	Upper
70	100		
42	52.1	60.4	90.6#
101	0.0	7.5	11.3#
130	2.7	16.9	25.3#



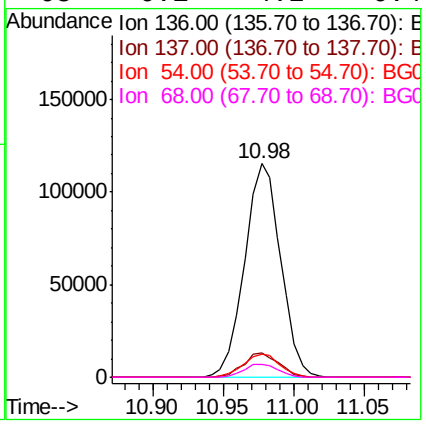


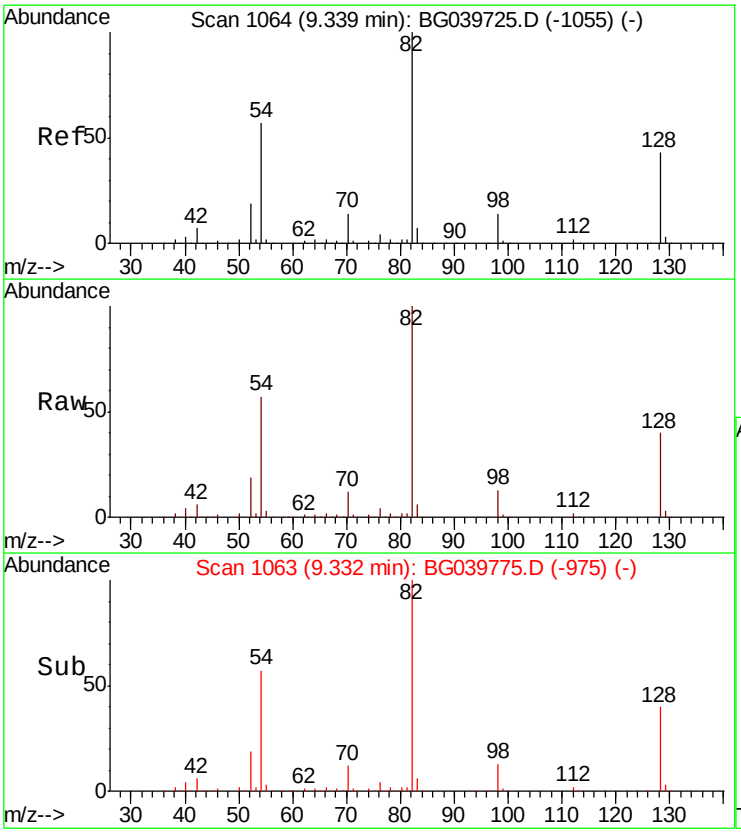
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG039775.D
Acq: 5 Mar 2019 22:04

Instrument :
BNA_G
ClientSampleId :
TP-4-B

Tgt Ion:136 Resp: 206846

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	10.6	9.4	14.2
68	6.1	4.2	6.4

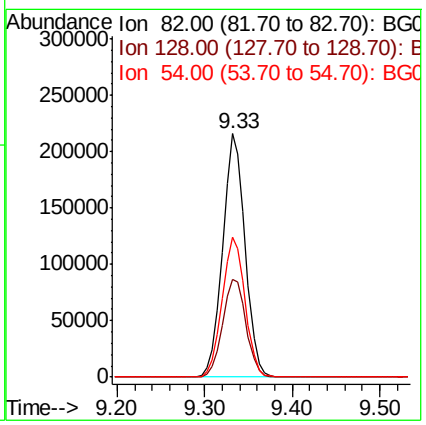


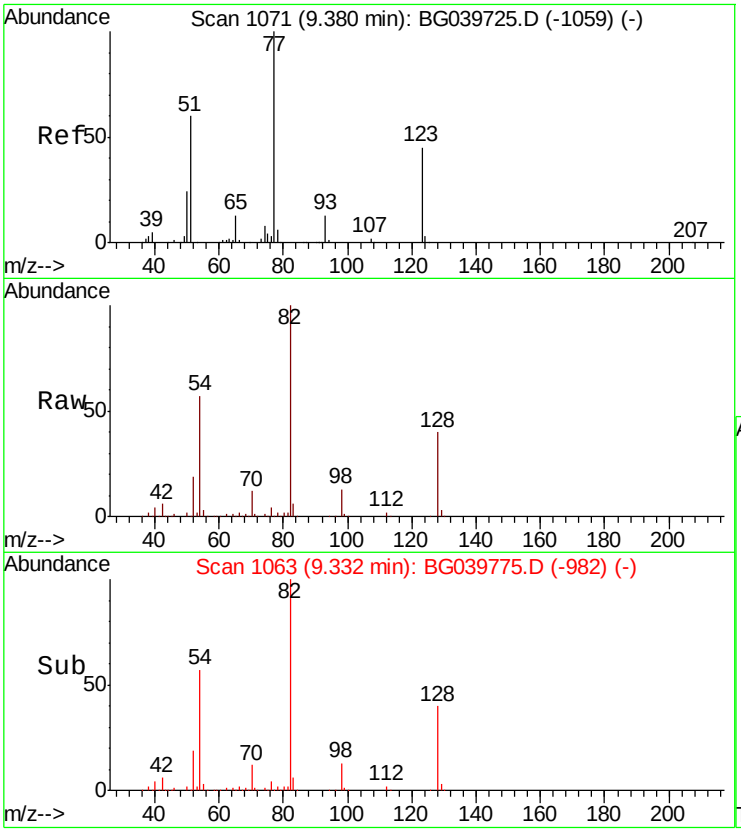


#23
Nitrobenzene-d5
Concen: 99.033 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG039775.D
Acq: 5 Mar 2019 22:04

Tgt Ion: 82 Resp: 378756

Ion	Ratio	Lower	Upper
82	100		
128	40.4	31.3	46.9
54	57.3	50.9	76.3



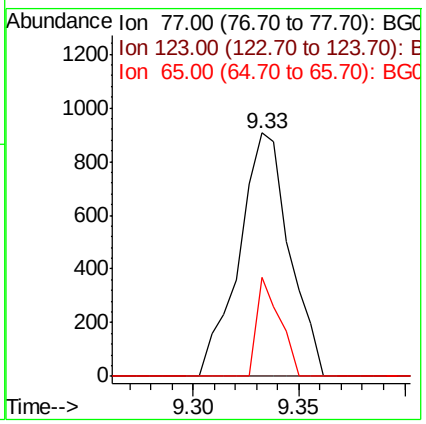


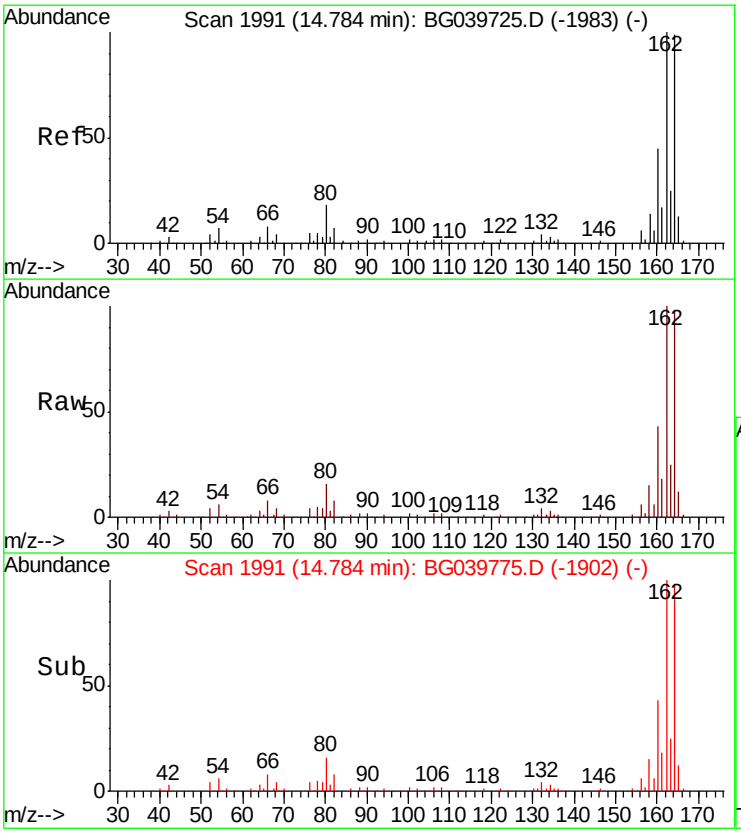
#24
Nitrobenzene
Concen: 0.375 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.05 min
Lab File: BG039775.D
Acq: 5 Mar 2019 22:04

Instrument :
BNA_G
ClientSampleId :
TP-4-B

Tgt Ion: 77 Resp: 1505

Ion	Ratio	Lower	Upper
77	100		
123	0.0	34.1	51.1#
65	40.5	12.3	18.5#

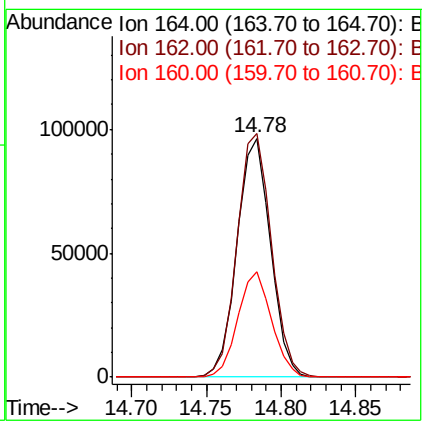


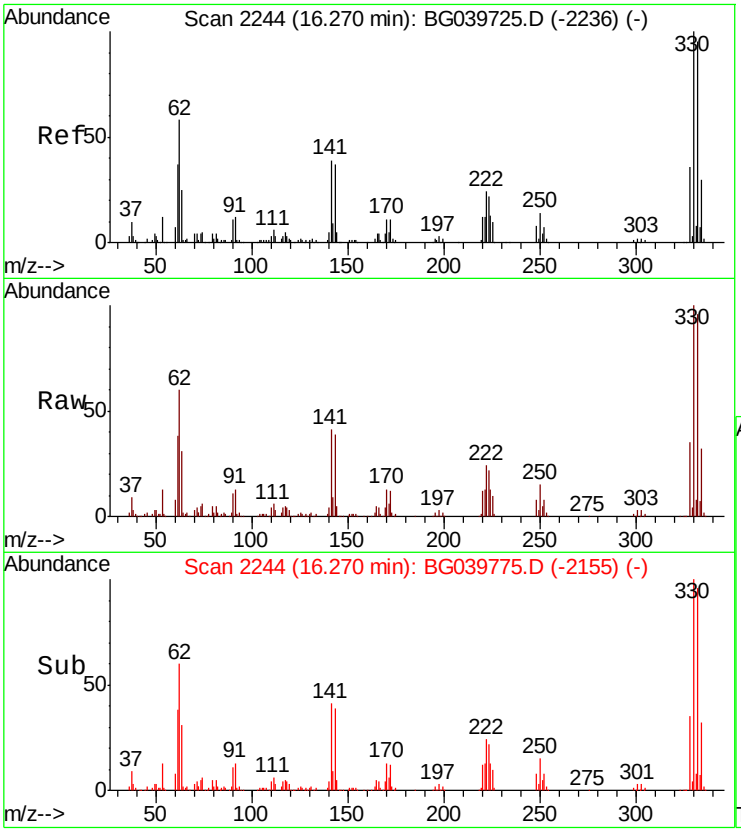


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BG039775.D
Acq: 5 Mar 2019 22:04

Tgt Ion:164 Resp: 149260

Ion	Ratio	Lower	Upper
164	100		
162	102.0	81.6	122.4
160	44.1	34.2	51.2



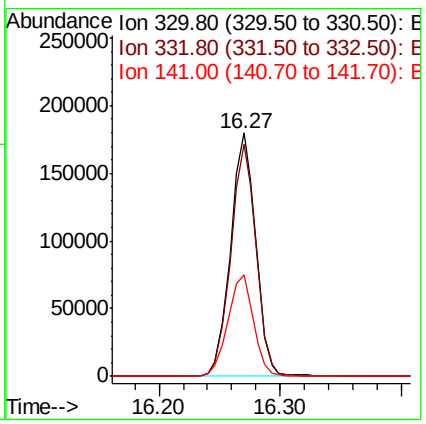


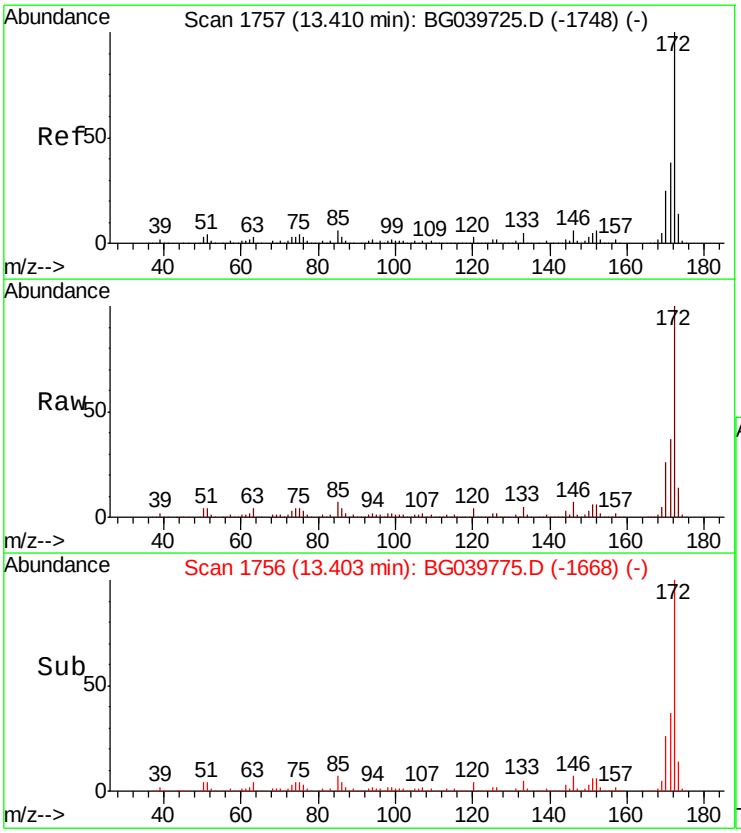
#42
2,4,6-Tribromophenol
Concen: 150.536 ng
RT: 16.27 min Scan# 2244
Delta R.T. -0.01 min
Lab File: BG039775.D
Acq: 5 Mar 2019 22:04

Instrument :
BNA_G
ClientSampleId :
TP-4-B

Tgt Ion:330 Resp: 261892

Ion	Ratio	Lower	Upper
330	100		
332	95.7	75.7	113.5
141	42.2	35.6	53.4

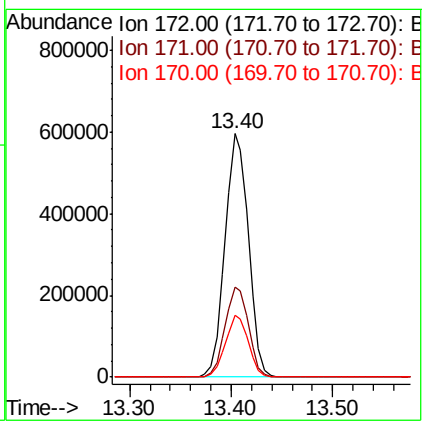


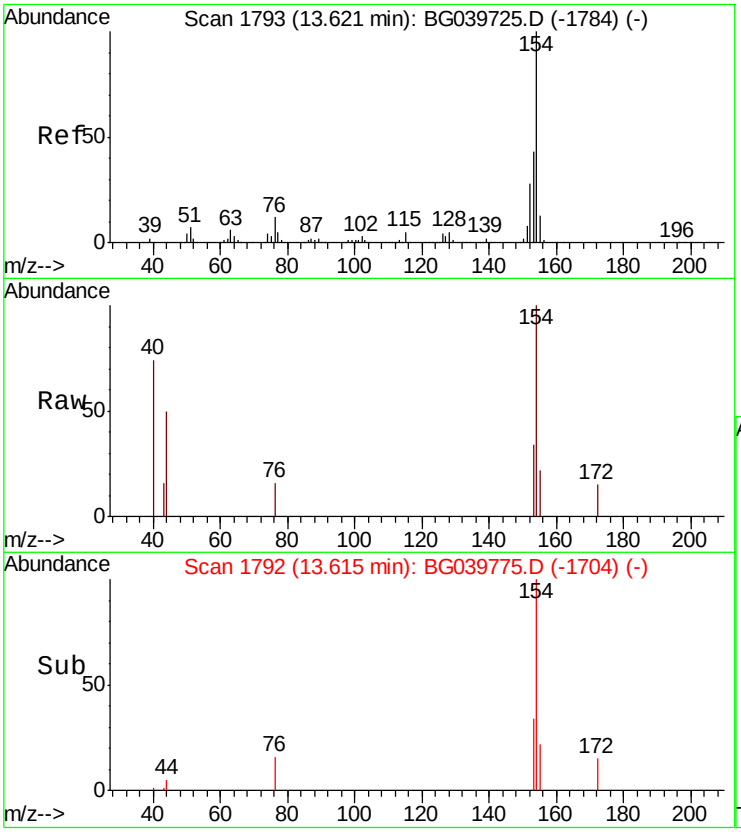


#45
2-Fluorobiphenyl
Concen: 90.530 ng
RT: 13.40 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BG039775.D
Acq: 5 Mar 2019 22:04

Tgt Ion:172 Resp: 949022

Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.8	46.2
170	25.5	20.2	30.4



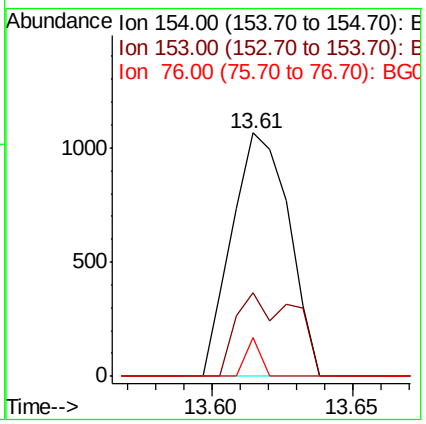


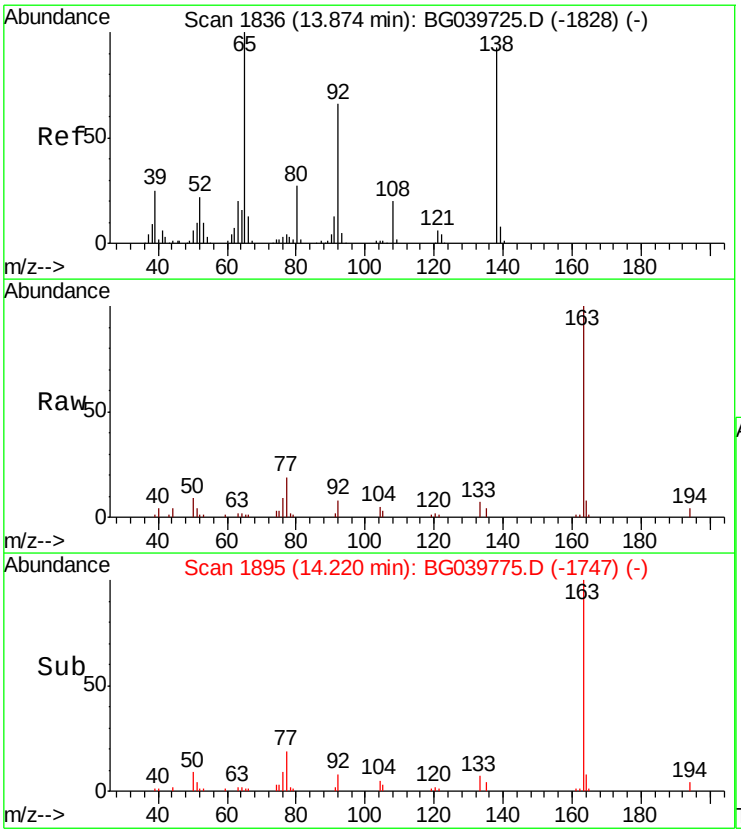
#46
1,1'-Biphenyl
Concen: 0.122 ng
RT: 13.61 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BG039775.D
Acq: 5 Mar 2019 22:04

Instrument :
BNA_G
ClientSampleId :
TP-4-B

Tgt Ion:154 Resp: 1493

Ion	Ratio	Lower	Upper
154	100		
153	34.1	22.1	62.1
76	15.9	0.0	32.4

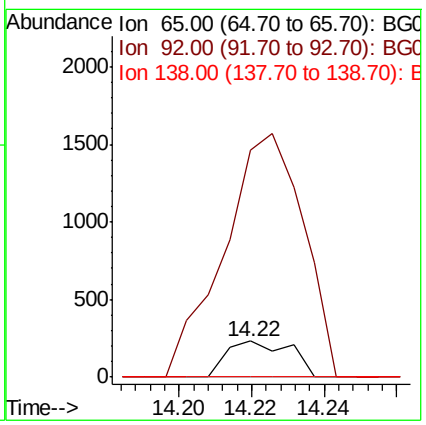


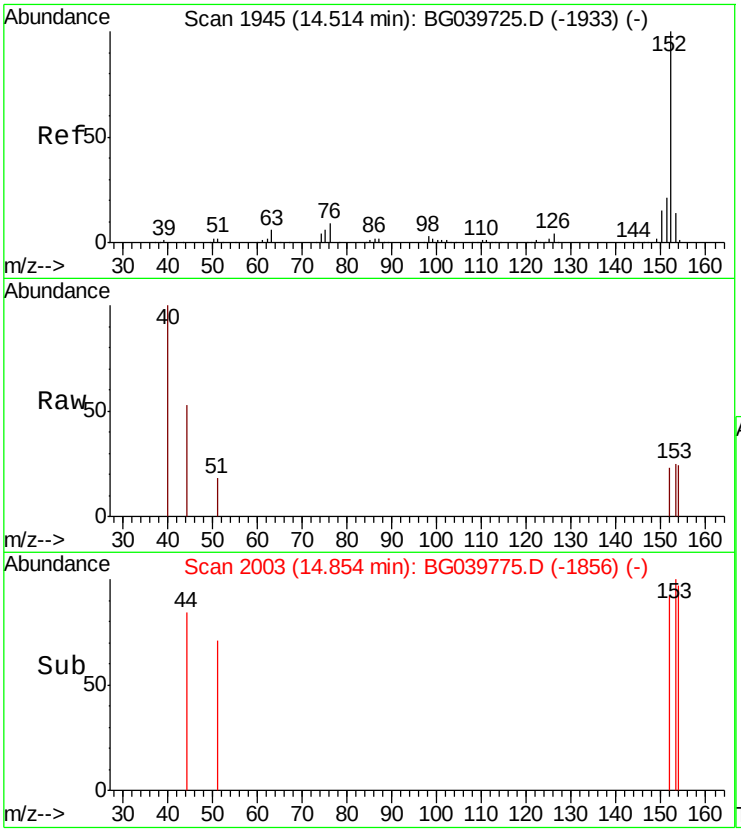


#48
2-Nitroaniline
Concen: 0.094 ng
RT: 14.22 min Scan# 1895
Delta R.T. 0.34 min
Lab File: BG039775.D
Acq: 5 Mar 2019 22:04

Tgt Ion: 65 Resp: 280

Ion	Ratio	Lower	Upper
65	100		
92	633.3	51.4	77.2#
138	0.0	71.4	107.2#



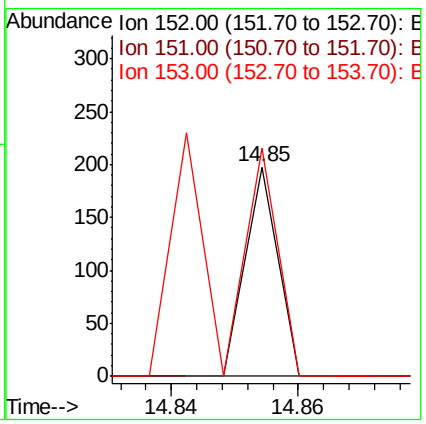


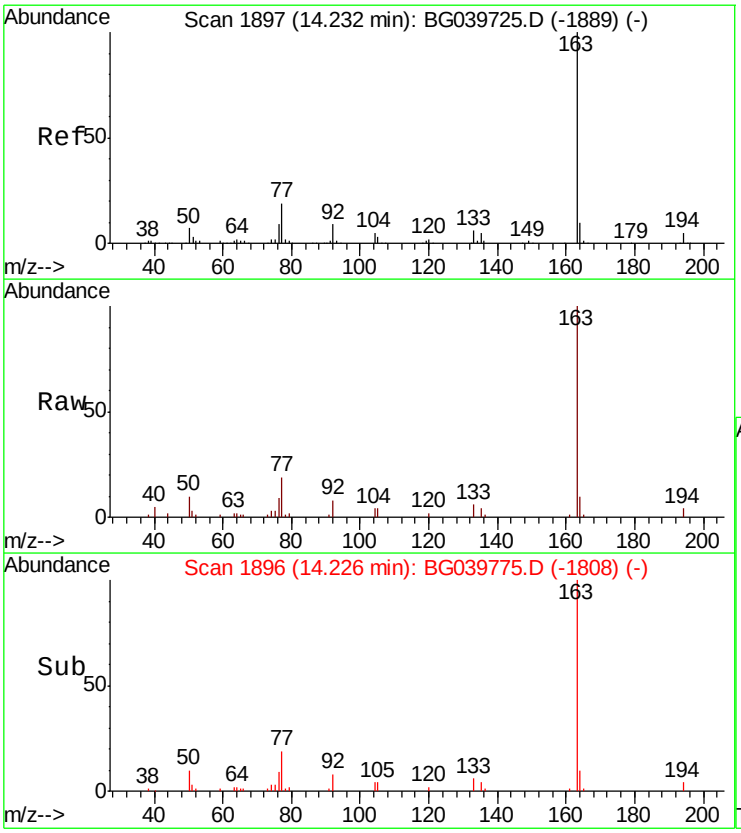
#49
Acenaphthylene
Concen: 0.005 ng
RT: 14.85 min Scan# 2003
Delta R.T. 0.33 min
Lab File: BG039775.D
Acq: 5 Mar 2019 22:04

Instrument :
BNA_G
ClientSampleId :
TP-4-B

Tgt Ion:152 Resp: 70

Ion	Ratio	Lower	Upper
152	100		
151	0.0	16.8	25.2#
153	108.6	11.7	17.5#

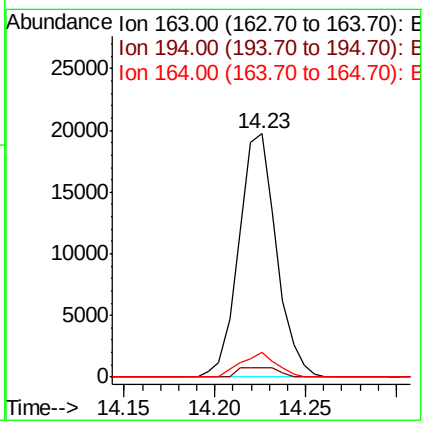


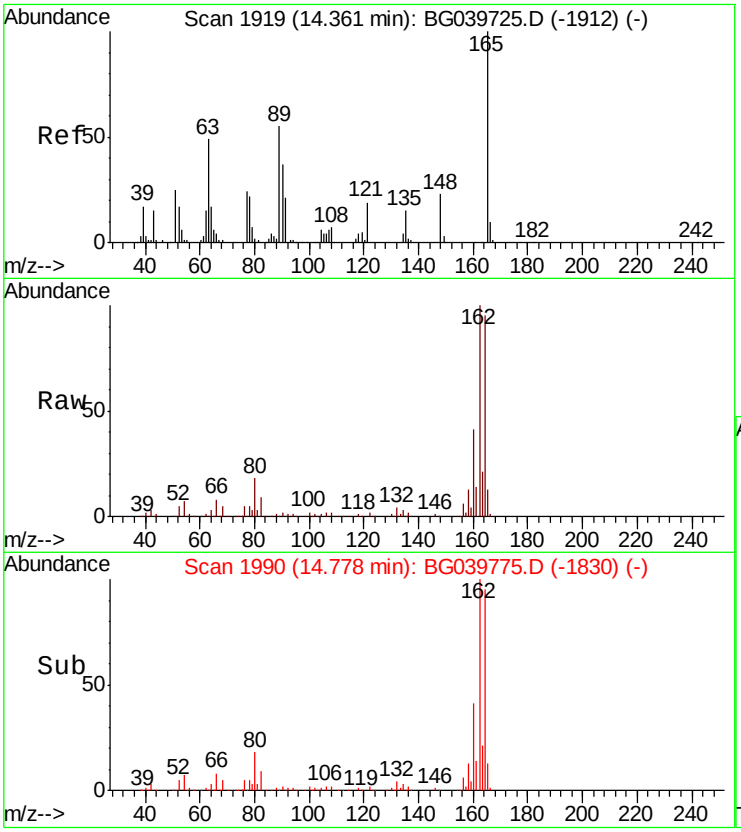


#50
Dimethylphthalate
Concen: 2.272 ng
RT: 14.23 min Scan# 1896
Delta R.T. -0.01 min
Lab File: BG039775.D
Acq: 5 Mar 2019 22:04

Tgt Ion:163 Resp: 28356

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.6	5.4
164	9.9	8.4	12.6



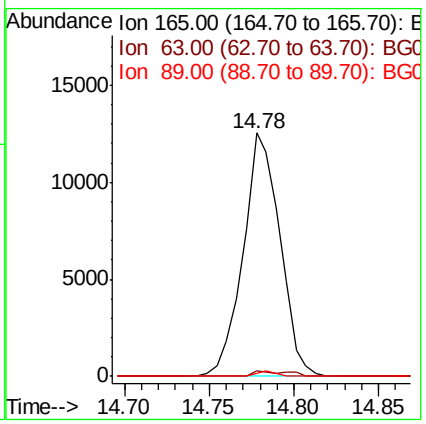


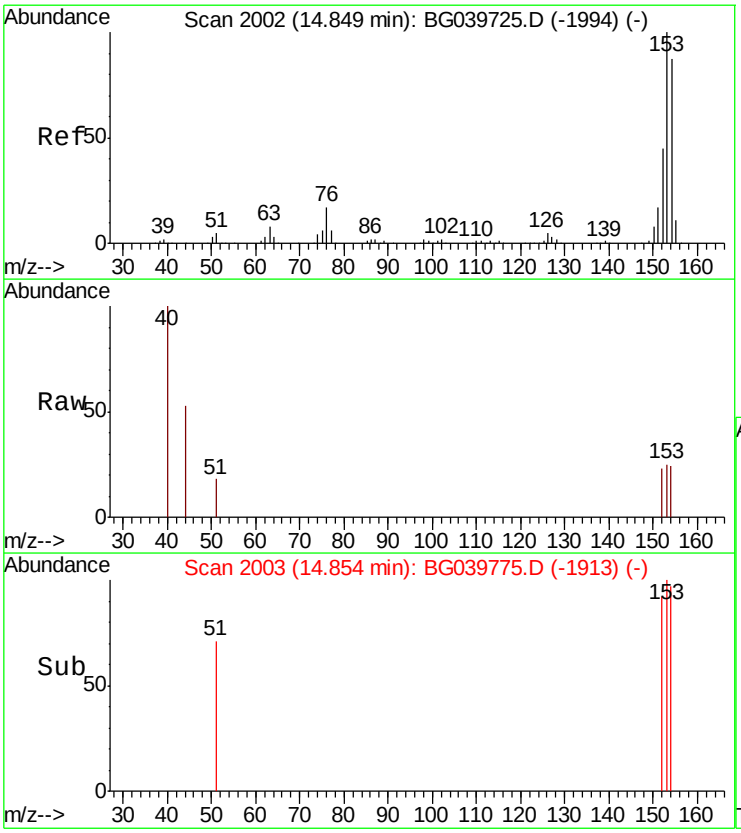
#51
2,6-Dinitrotoluene
Concen: 7.189 ng
RT: 14.78 min Scan# 1990
Delta R.T. 0.41 min
Lab File: BG039775.D
Acq: 5 Mar 2019 22:04

Instrument :
BNA_G
ClientSampleId :
TP-4-B

Tgt Ion:165 Resp: 19021

Ion	Ratio	Lower	Upper
165	100		
63	2.3	47.0	70.6#
89	1.3	45.8	68.8#

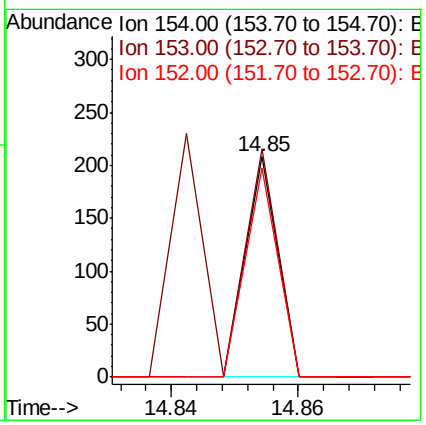


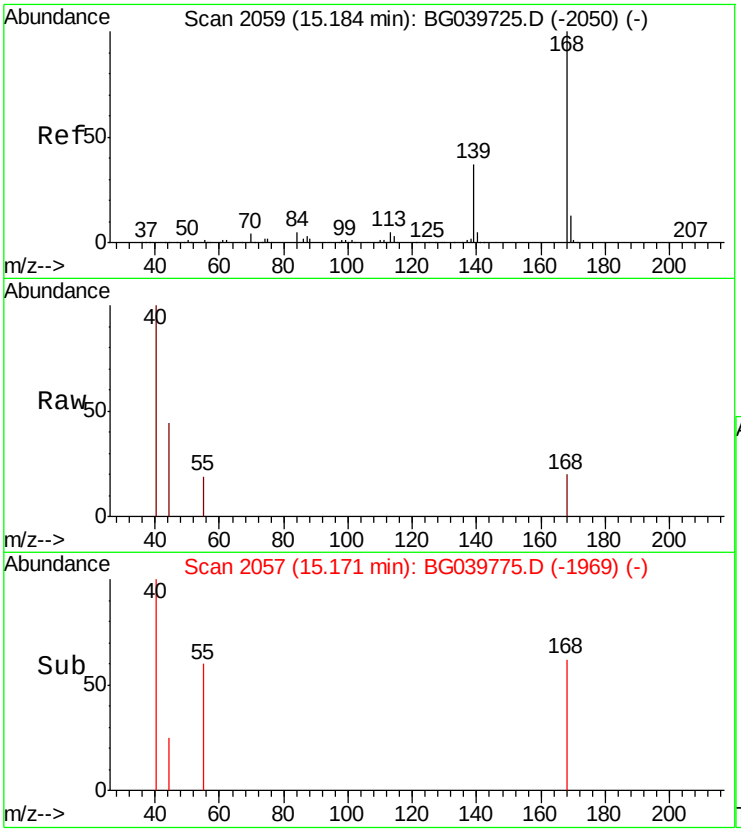


#52
Acenaphthene
Concen: 0.008 ng
RT: 14.85 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BG039775.D
Acq: 5 Mar 2019 22:04

Tgt Ion:154 Resp: 73

Ion	Ratio	Lower	Upper
154	100		
153	103.4	90.1	135.1
152	95.2	40.9	61.3#



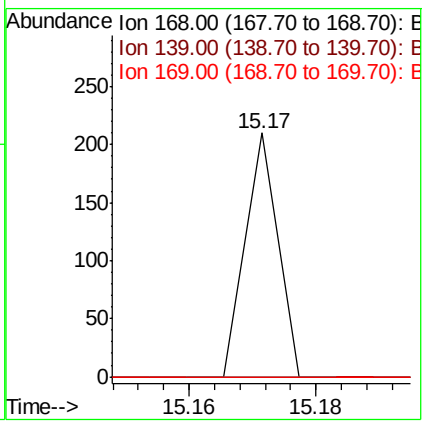


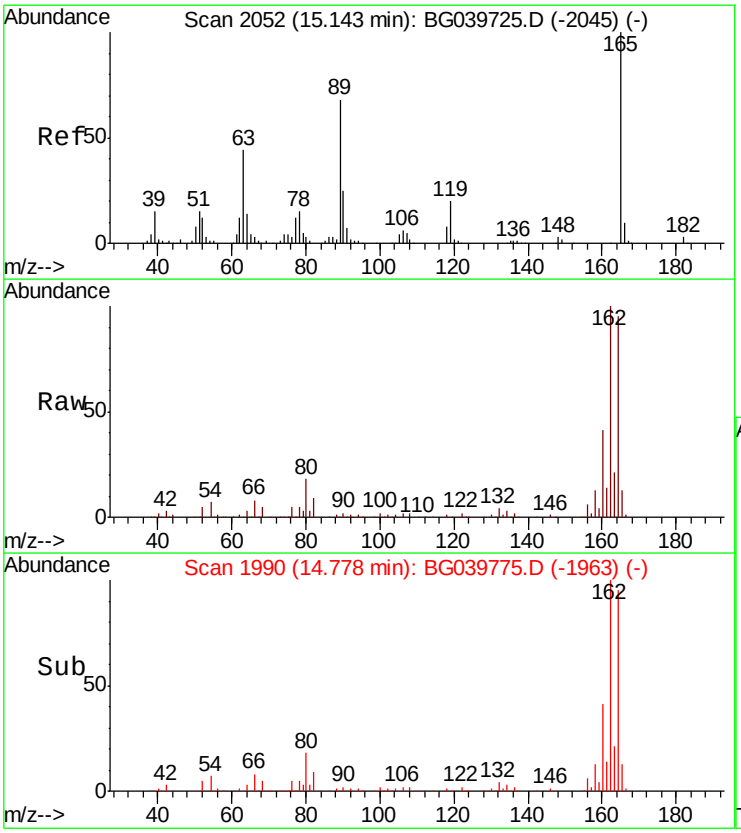
#55
Dibenzofuran
Concen: 0.005 ng
RT: 15.17 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BG039775.D
Acq: 5 Mar 2019 22:04

Instrument :
BNA_G
ClientSampleId :
TP-4-B

Tgt Ion:168 Resp: 74

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

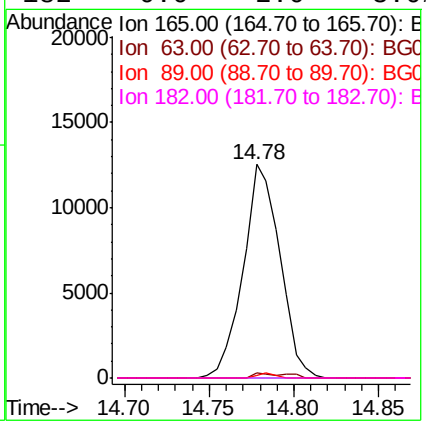


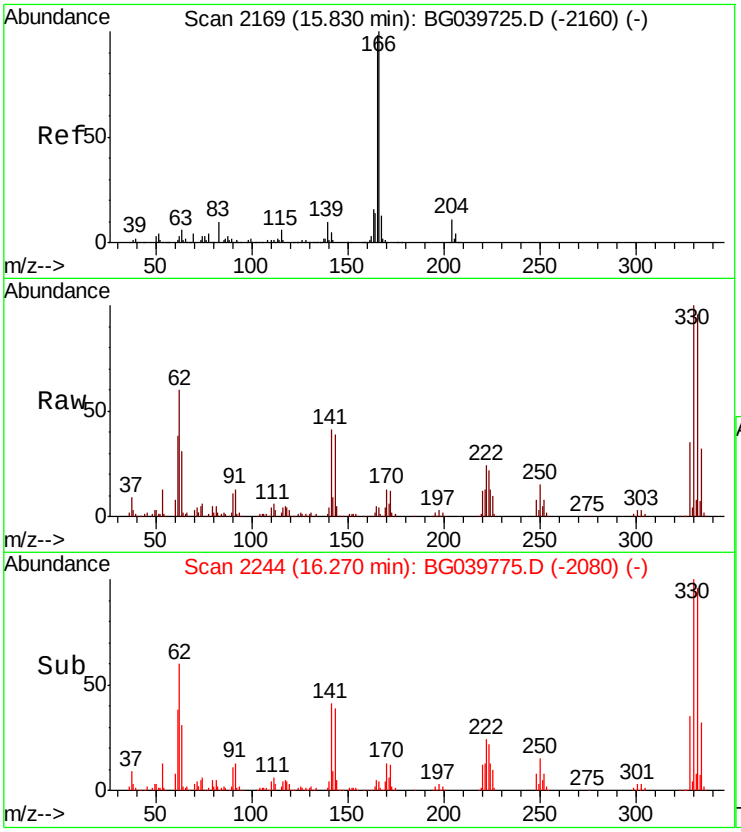


#57
2,4-Dinitrotoluene
Concen: 5.116 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.37 min
Lab File: BG039775.D
Acq: 5 Mar 2019 22:04

Tgt Ion:165 Resp: 19021

Ion	Ratio	Lower	Upper
165	100		
63	2.3	41.0	61.6#
89	1.3	64.6	96.8#
182	0.0	2.0	3.0#



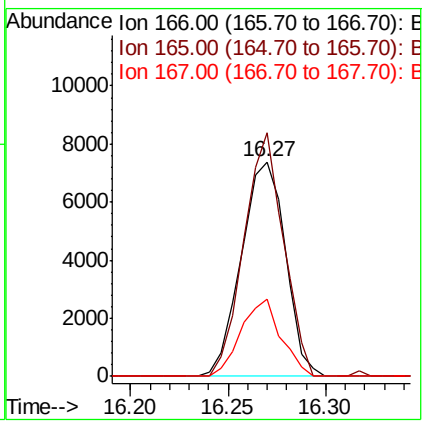


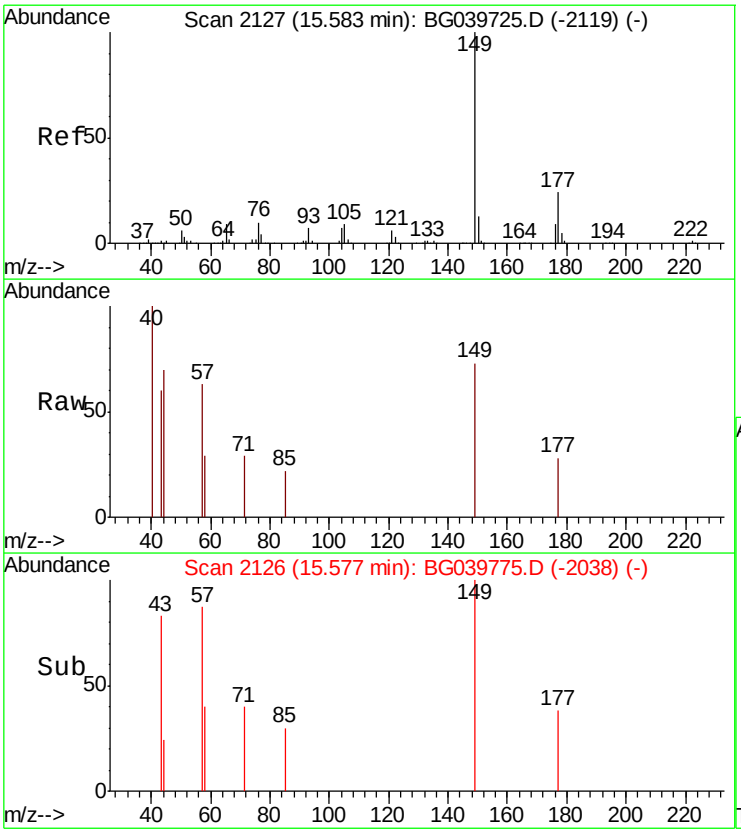
#58
Fluorene
Concen: 0.982 ng
RT: 16.27 min Scan# 2244
Delta R.T. 0.43 min
Lab File: BG039775.D
Acq: 5 Mar 2019 22:04

Instrument :
BNA_G
ClientSampleId :
TP-4-B

Tgt Ion:166 Resp: 11553

Ion	Ratio	Lower	Upper
166	100		
165	113.6	77.9	116.9
167	36.3	10.8	16.2#

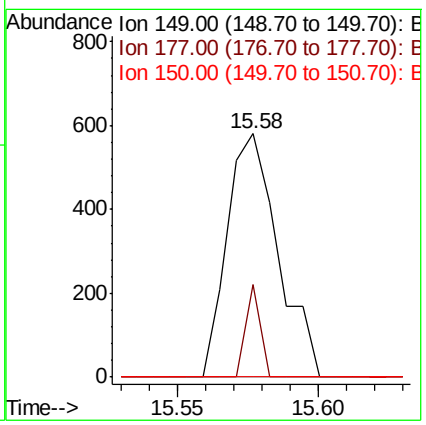


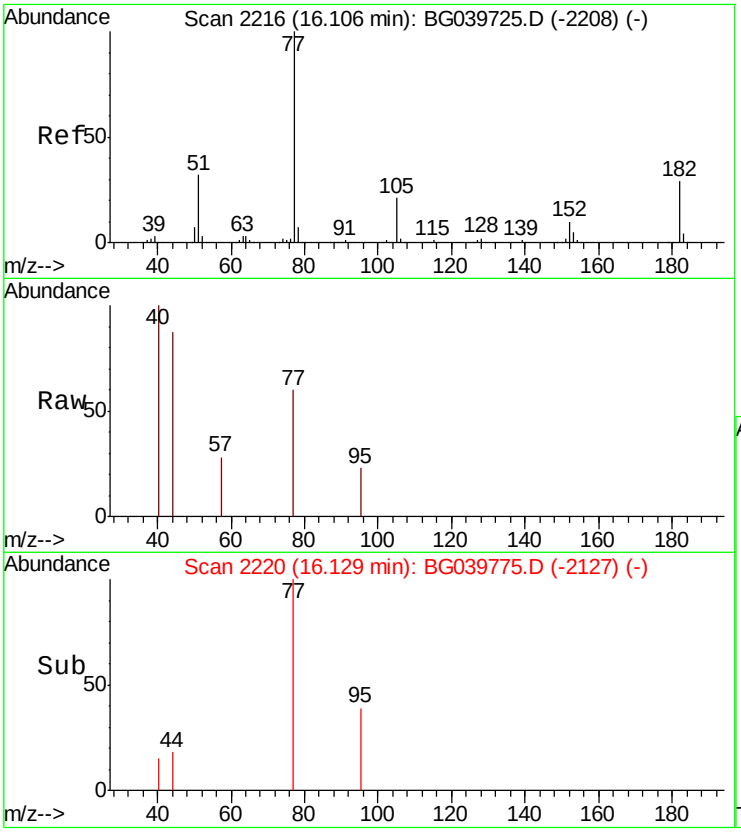


#60
Diethylphthalate
Concen: 0.059 ng
RT: 15.58 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BG039775.D
Acq: 5 Mar 2019 22:04

Tgt Ion:149 Resp: 725

Ion	Ratio	Lower	Upper
149	100		
177	38.2	18.3	27.5#
150	0.0	10.2	15.2#



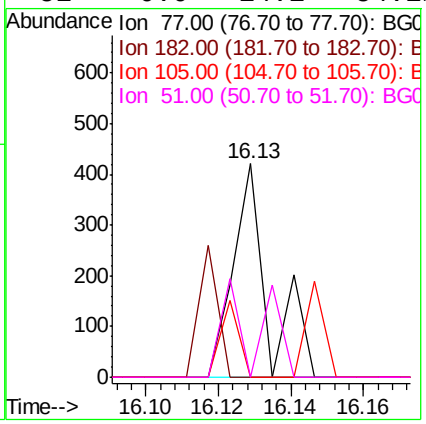


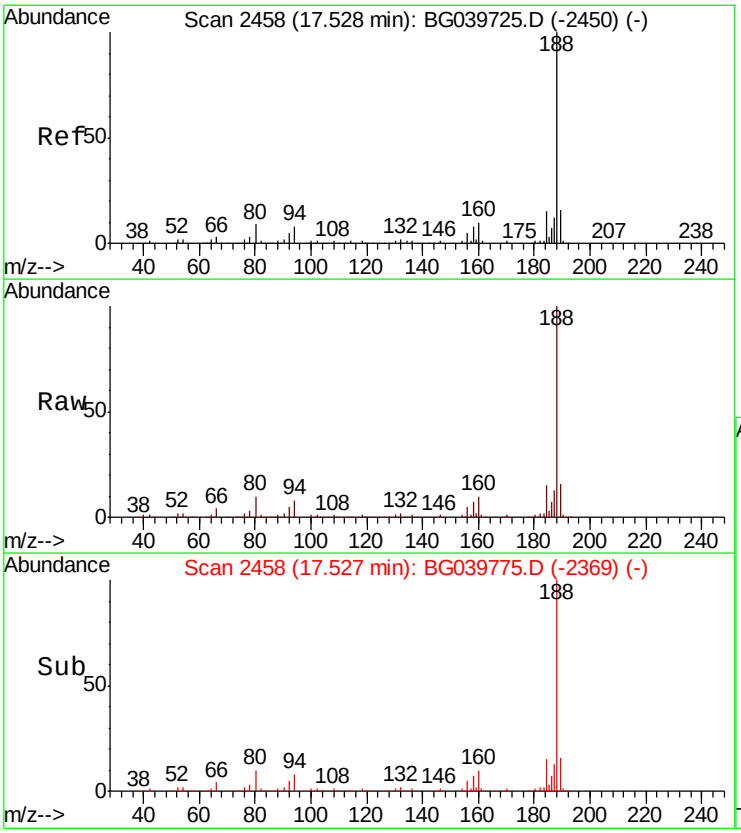
#63
Azobenzene
Concen: 0.025 ng
RT: 16.13 min Scan# 2220
Delta R.T. 0.02 min
Lab File: BG039775.D
Acq: 5 Mar 2019 22:04

Instrument :
BNA_G
ClientSampleId :
TP-4-B

Tgt Ion: 77 Resp: 283

Ion	Ratio	Lower	Upper
77	100		
182	0.0	6.4	46.4#
105	0.0	0.0	39.8
51	0.0	14.1	54.1#

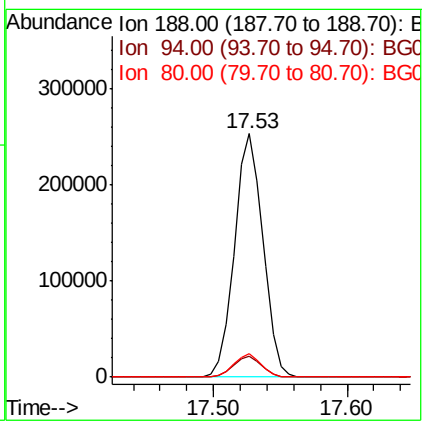


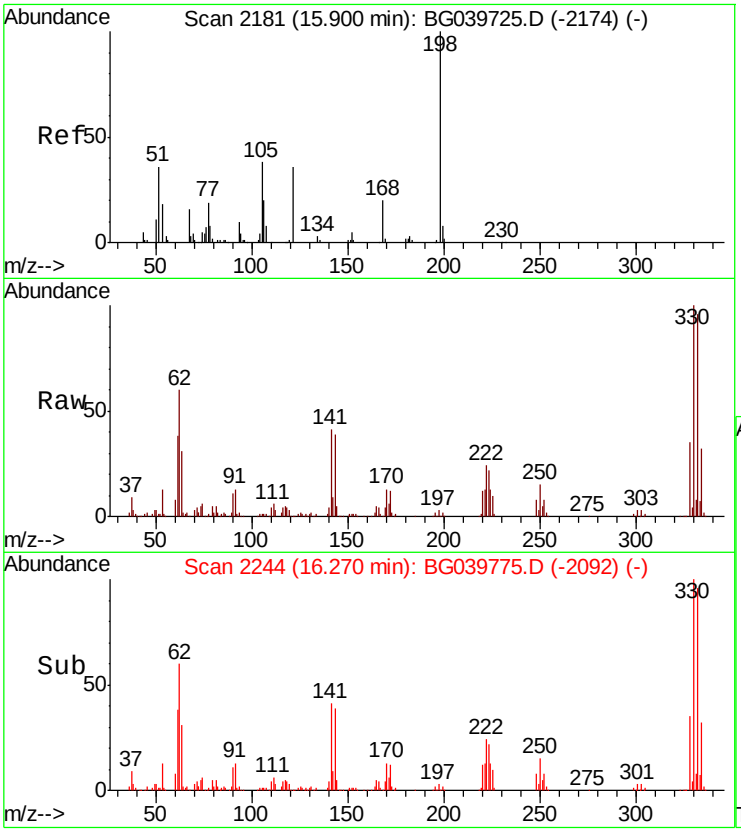


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BG039775.D
Acq: 5 Mar 2019 22:04

Tgt Ion:188 Resp: 372974

Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.9	10.3
80	9.7	8.1	12.1



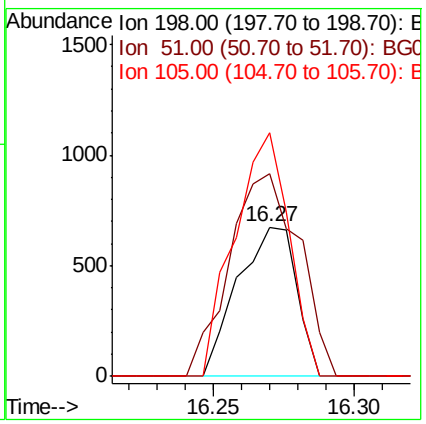


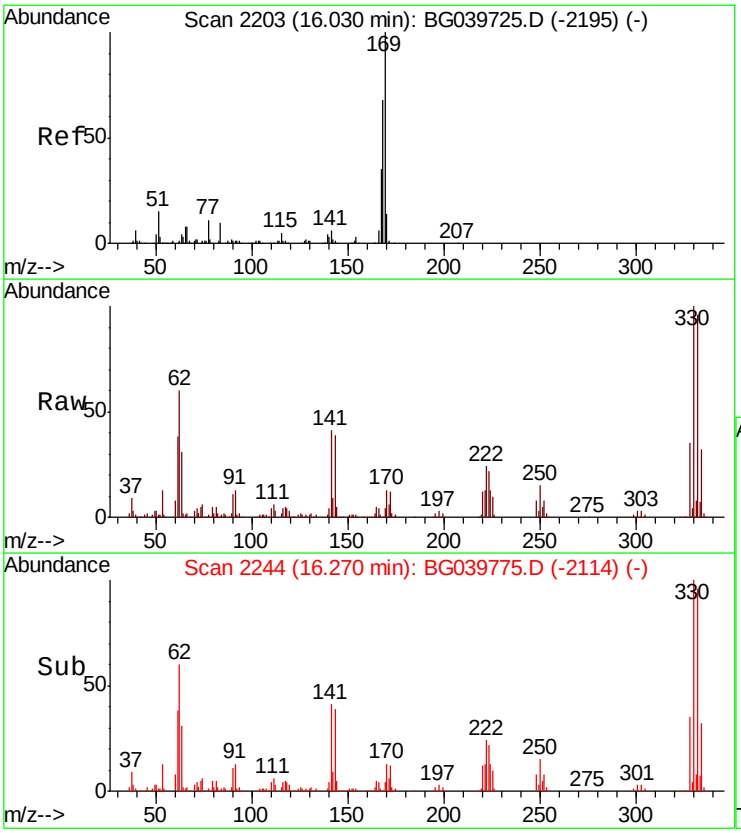
#65
4,6-Dinitro-2-methylphenol
Concen: 0.441 ng
RT: 16.27 min Scan# 2244
Delta R.T. 0.36 min
Lab File: BG039775.D
Acq: 5 Mar 2019 22:04

Instrument :
BNA_G
ClientSampleId :
TP-4-B

Tgt Ion:198 Resp: 973

Ion	Ratio	Lower	Upper
198	100		
51	136.3	27.4	67.4#
105	163.6	19.7	59.7#

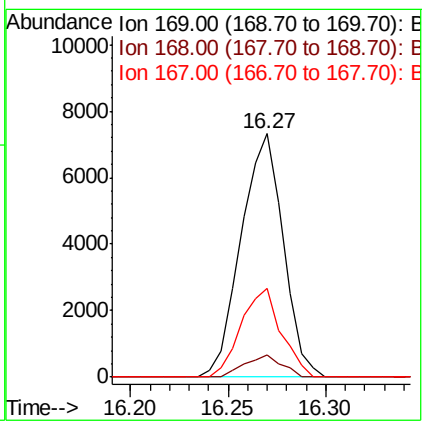


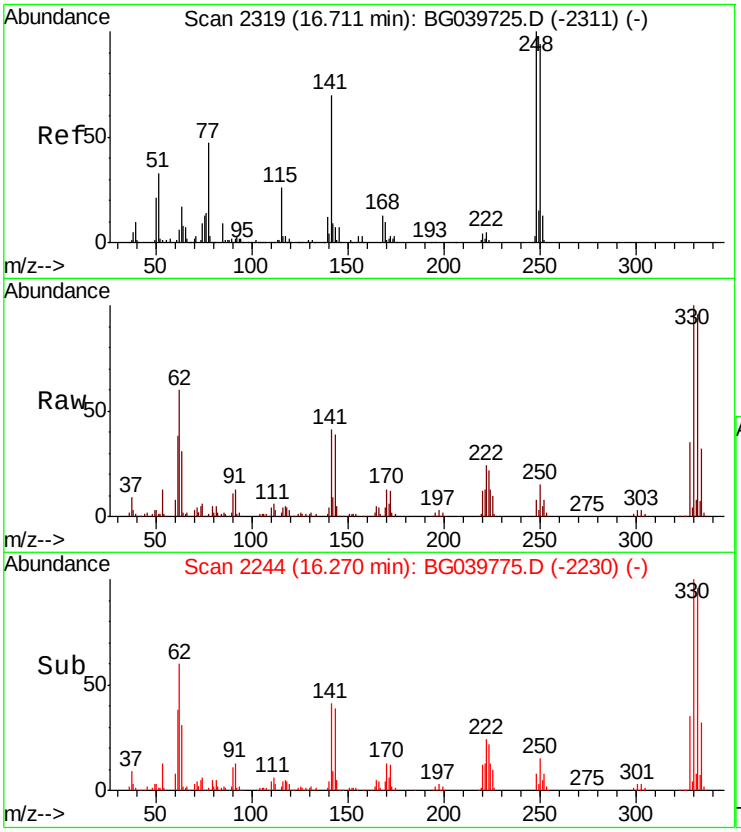


#66
n-Nitrosodiphenylamine
Concen: 1.012 ng
RT: 16.27 min Scan# 2244
Delta R.T. 0.23 min
Lab File: BG039775.D
Acq: 5 Mar 2019 22:04

Tgt Ion:169 Resp: 10926

Ion	Ratio	Lower	Upper
169	100		
168	9.2	56.6	85.0#
167	36.6	28.8	43.2



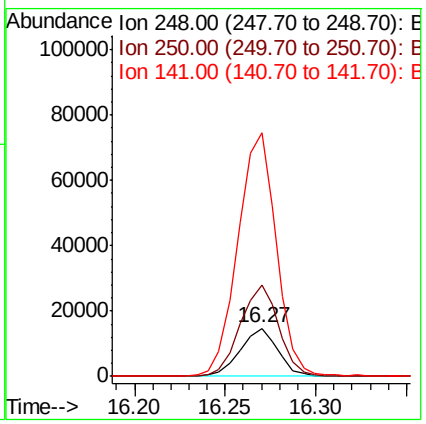


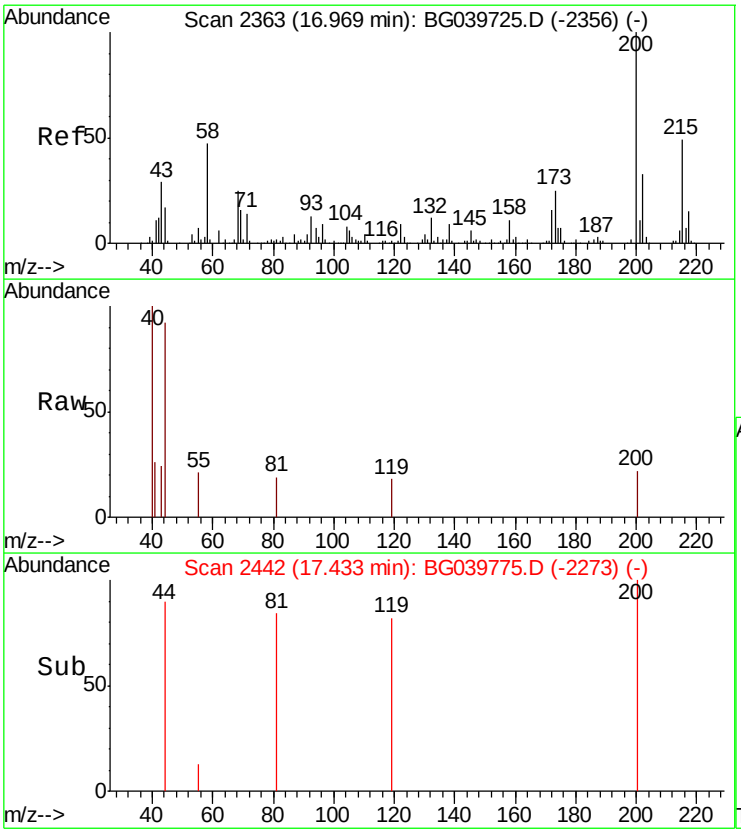
#67
4-Bromophenyl-phenylether
Concen: 5.090 ng
RT: 16.27 min Scan# 2244
Delta R.T. -0.45 min
Lab File: BG039775.D
Acq: 5 Mar 2019 22:04

Instrument :
BNA_G
ClientSampleId :
TP-4-B

Tgt Ion:248 Resp: 21249

Ion	Ratio	Lower	Upper
248	100		
250	188.3	77.6	116.4#
141	503.8	63.9	95.9#

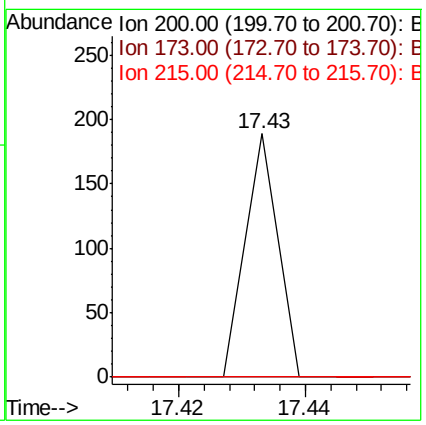


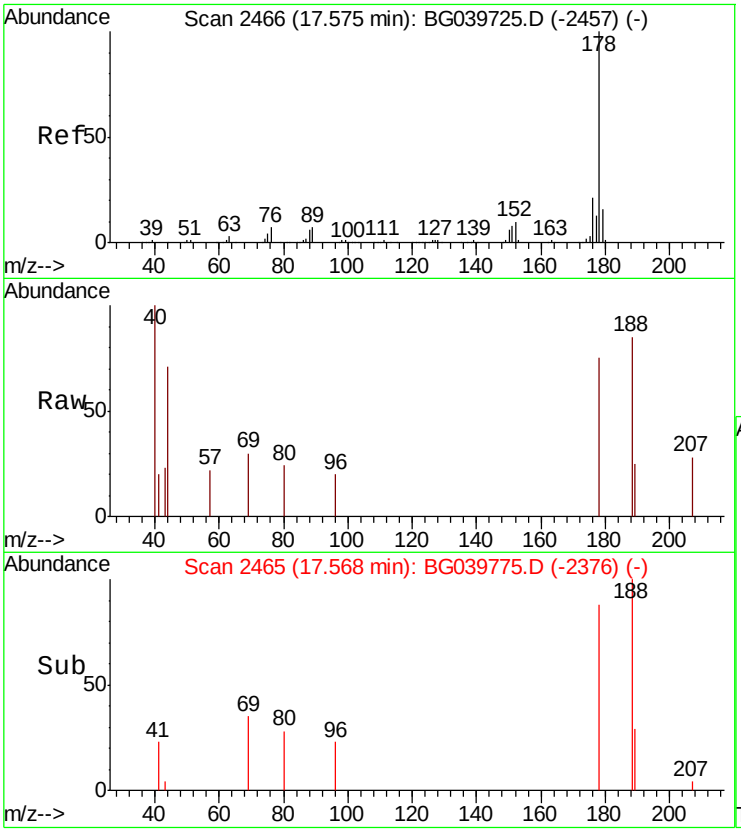


#69
Atrazine
Concen: 0.016 ng
RT: 17.43 min Scan# 2442
Delta R.T. 0.46 min
Lab File: BG039775.D
Acq: 5 Mar 2019 22:04

Tgt Ion:200 Resp: 67

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



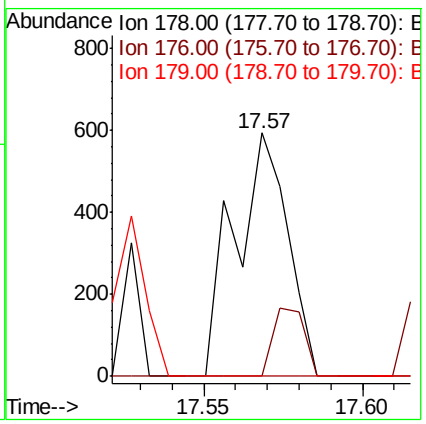


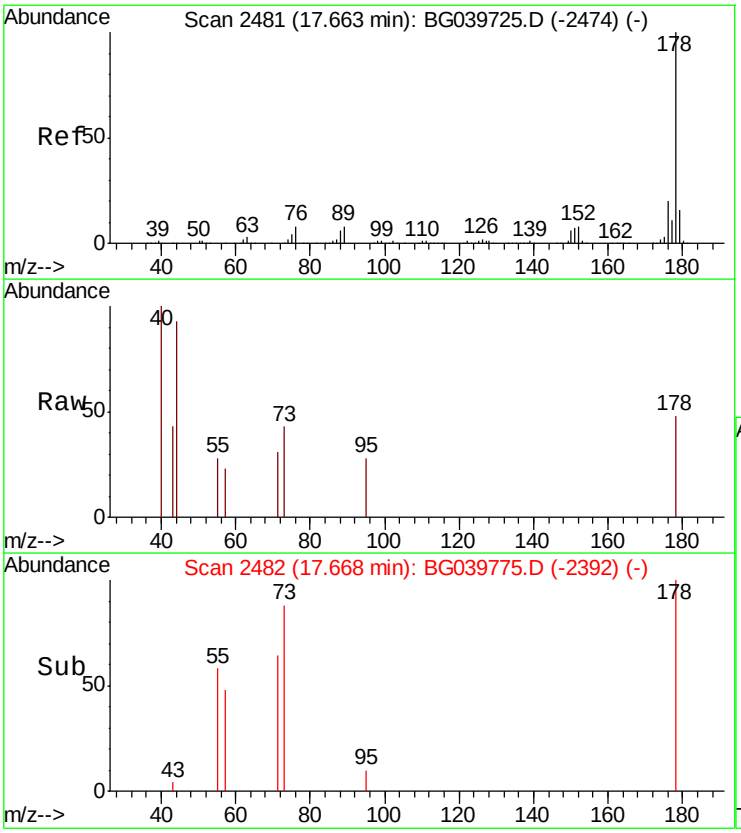
#71
Phenanthrene
Concen: 0.034 ng
RT: 17.57 min Scan# 2465
Delta R.T. -0.01 min
Lab File: BG039775.D
Acq: 5 Mar 2019 22:04

Instrument :
BNA_G
ClientSampleId :
TP-4-B

Tgt Ion:178 Resp: 690

Ion	Ratio	Lower	Upper
178	100		
176	0.0	16.2	24.4#
179	0.0	12.6	19.0#

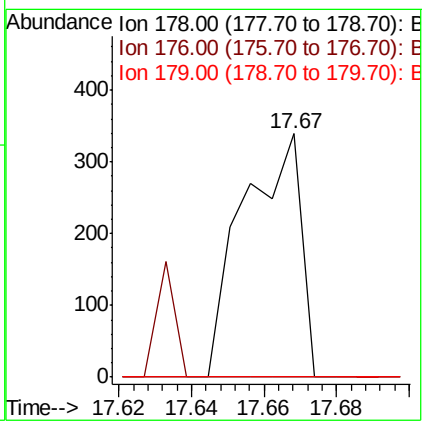


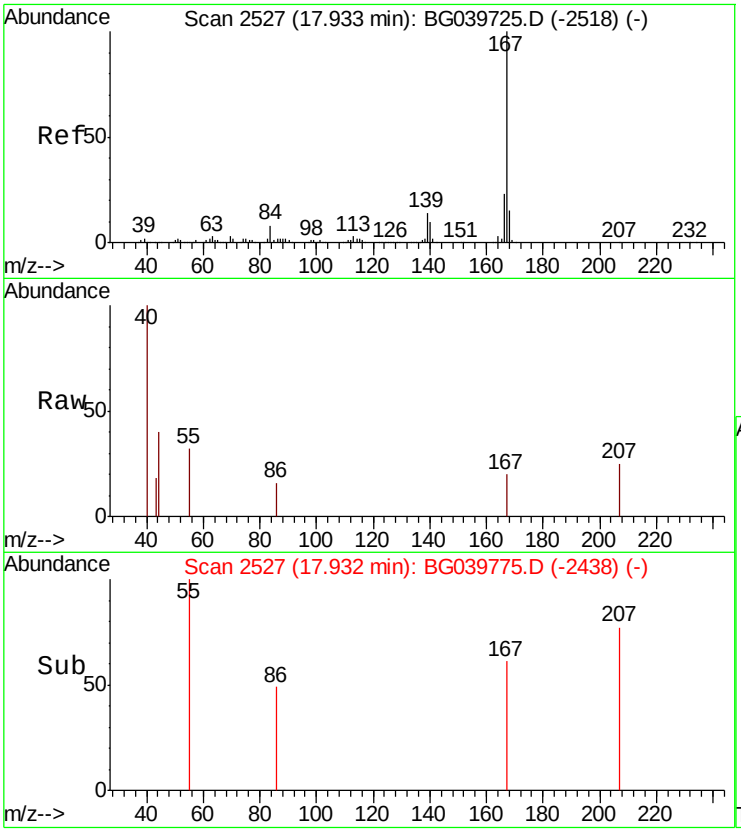


#72
Anthracene
Concen: 0.019 ng
RT: 17.67 min Scan# 2482
Delta R.T. -0.00 min
Lab File: BG039775.D
Acq: 5 Mar 2019 22:04

Tgt Ion:178 Resp: 376

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



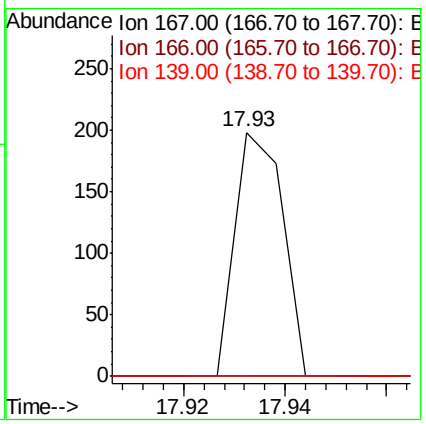


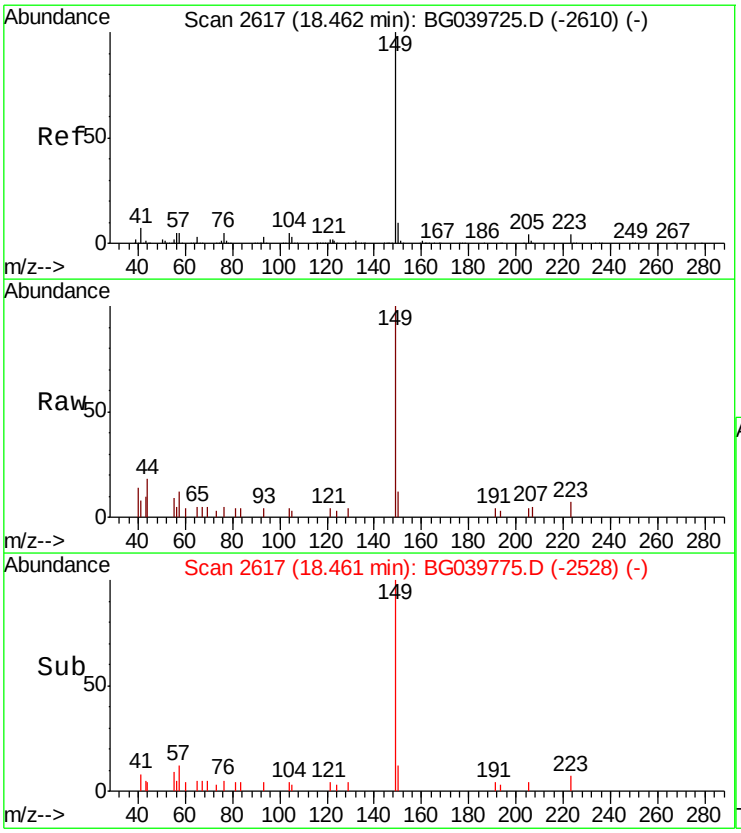
#73
Carbazole
Concen: 0.007 ng
RT: 17.93 min Scan# 2527
Delta R.T. -0.01 min
Lab File: BG039775.D
Acq: 5 Mar 2019 22:04

Instrument :
BNA_G
ClientSampleId :
TP-4-B

Tgt Ion:167 Resp: 131

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

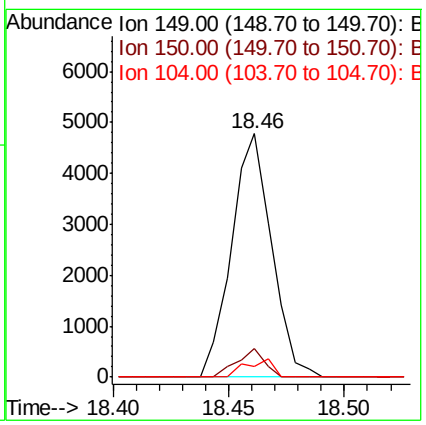


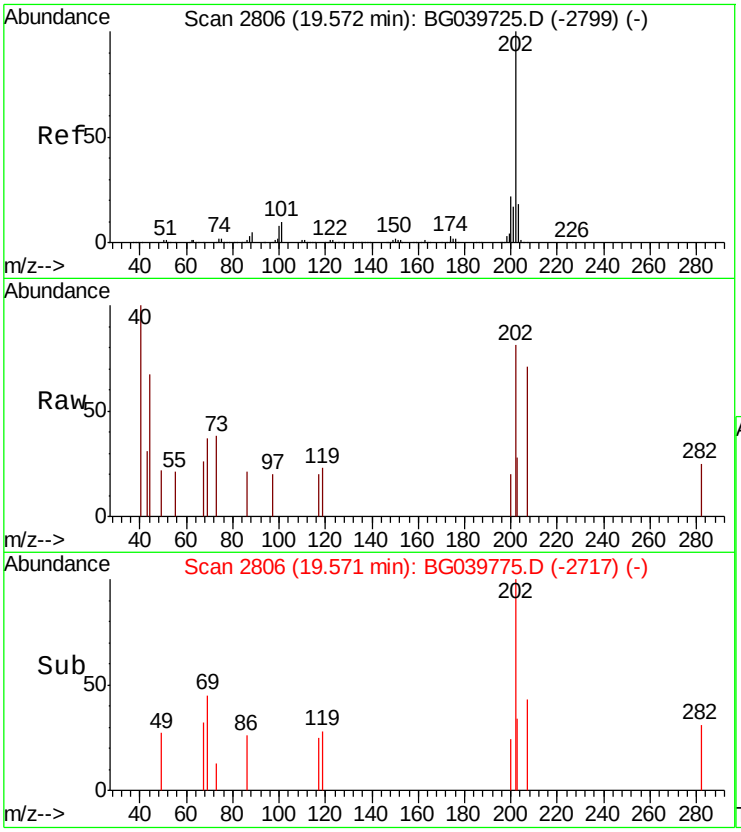


#74
Di-n-butylphthalate
Concen: 0.272 ng
RT: 18.46 min Scan# 2617
Delta R.T. -0.01 min
Lab File: BG039775.D
Acq: 5 Mar 2019 22:04

Tgt Ion:149 Resp: 5785

Ion	Ratio	Lower	Upper
149	100		
150	11.5	7.7	11.5#
104	4.2	4.5	6.7#



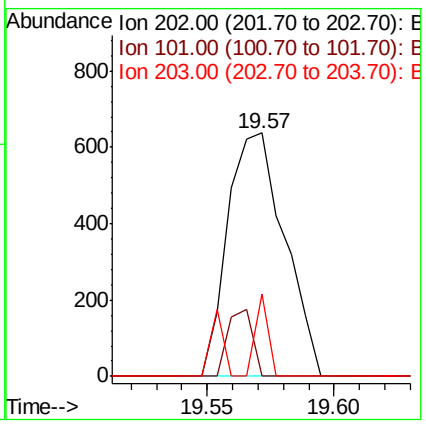


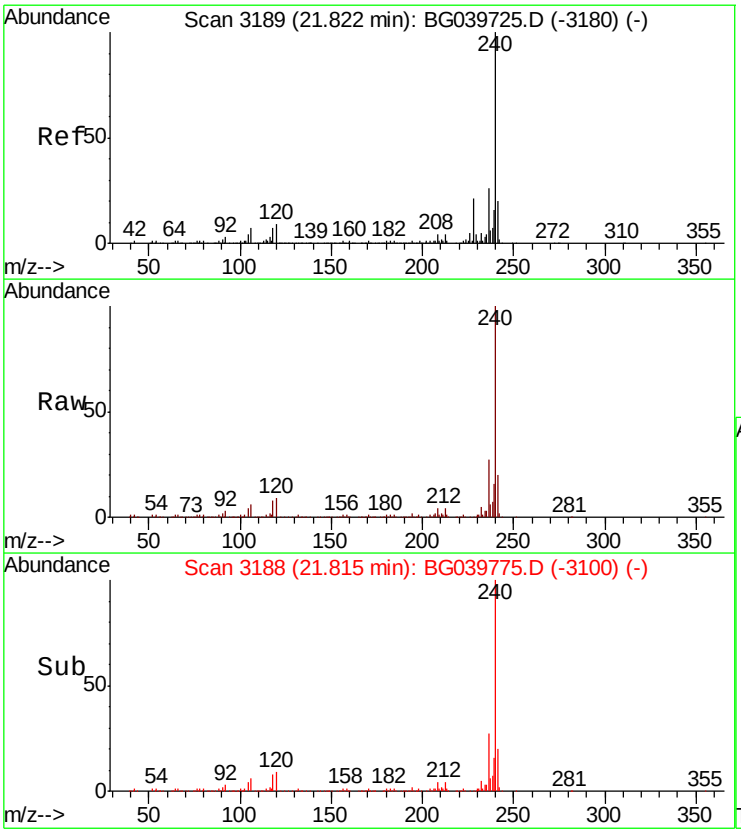
#75
Fluoranthene
Concen: 0.041 ng
RT: 19.57 min Scan# 2806
Delta R.T. -0.01 min
Lab File: BG039775.D
Acq: 5 Mar 2019 22:04

Instrument :
BNA_G
ClientSampleId :
TP-4-B

Tgt Ion:202 Resp: 994

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	30.0
203	34.0	0.0	38.9

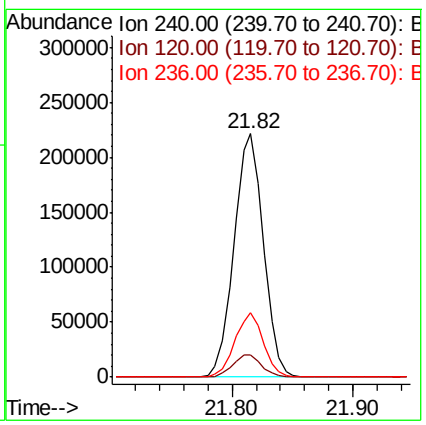


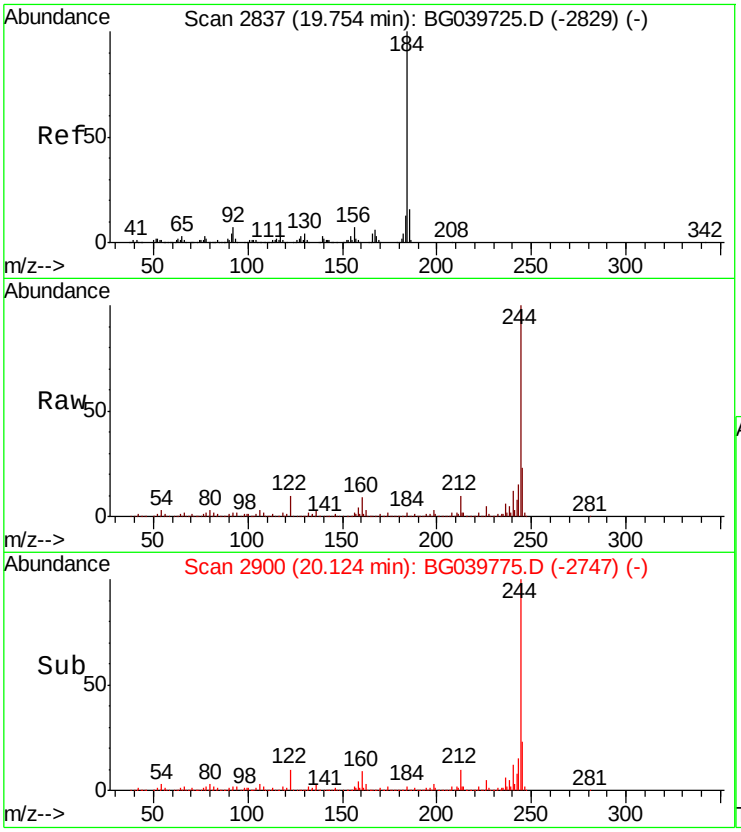


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.82 min Scan# 3188
Delta R.T. -0.01 min
Lab File: BG039775.D
Acq: 5 Mar 2019 22:04

Tgt Ion:240 Resp: 375521

Ion	Ratio	Lower	Upper
240	100		
120	8.9	7.0	10.6
236	26.6	21.0	31.4



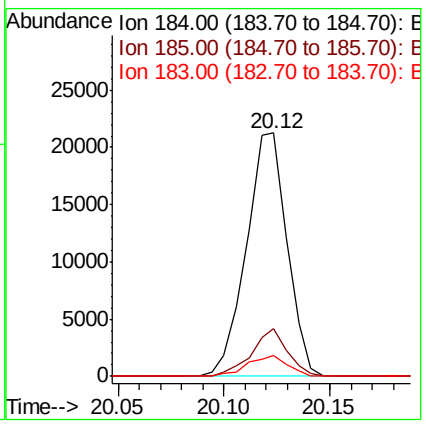


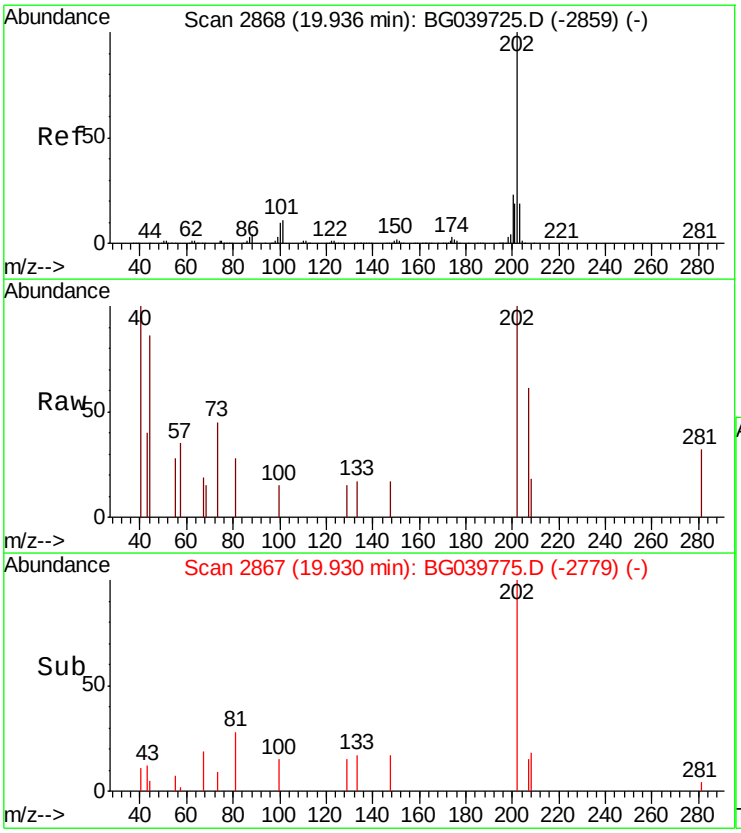
#77
Benzidine
Concen: 2.390 ng
RT: 20.12 min Scan# 2900
Delta R.T. 0.37 min
Lab File: BG039775.D
Acq: 5 Mar 2019 22:04

Instrument :
BNA_G
ClientSampleId :
TP-4-B

Tgt Ion:184 Resp: 28475

Ion	Ratio	Lower	Upper
184	100		
185	19.9	12.2	18.2#
183	8.8	10.6	15.8#

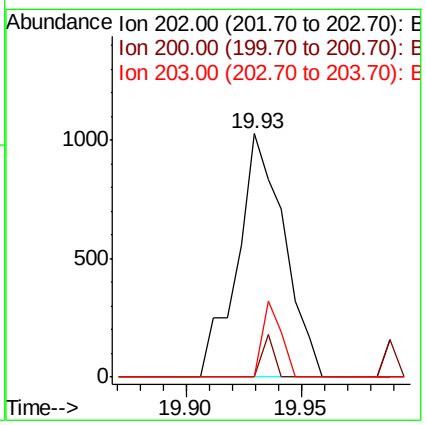


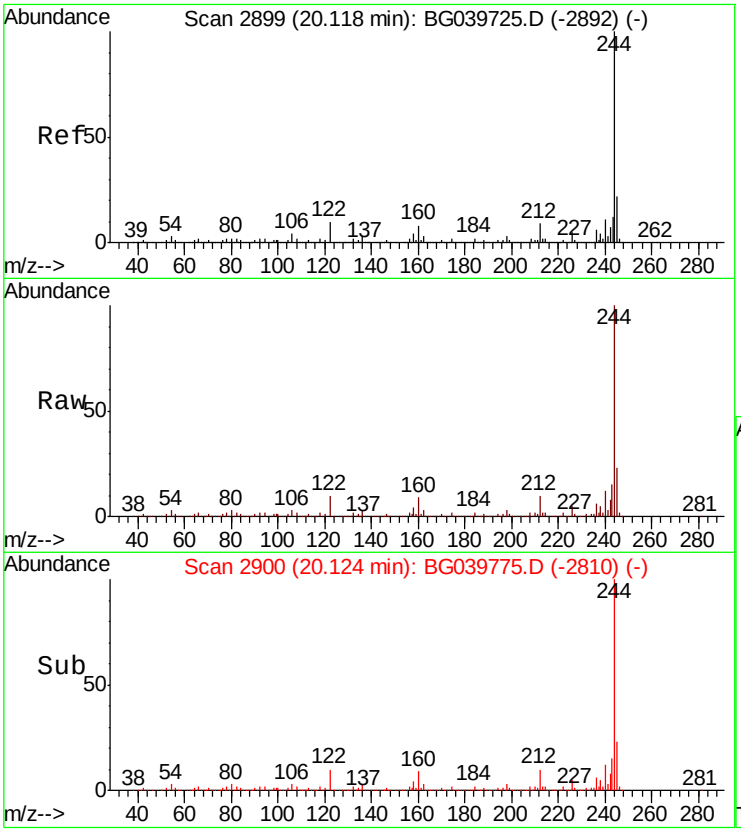


#78
Pyrene
Concen: 0.060 ng
RT: 19.93 min Scan# 2867
Delta R.T. -0.01 min
Lab File: BG039775.D
Acq: 5 Mar 2019 22:04

Tgt Ion:202 Resp: 1452

Ion	Ratio	Lower	Upper
202	100		
200	0.0	17.8	26.8#
203	0.0	15.3	22.9#



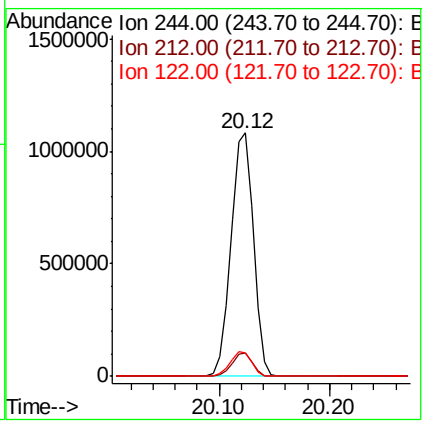


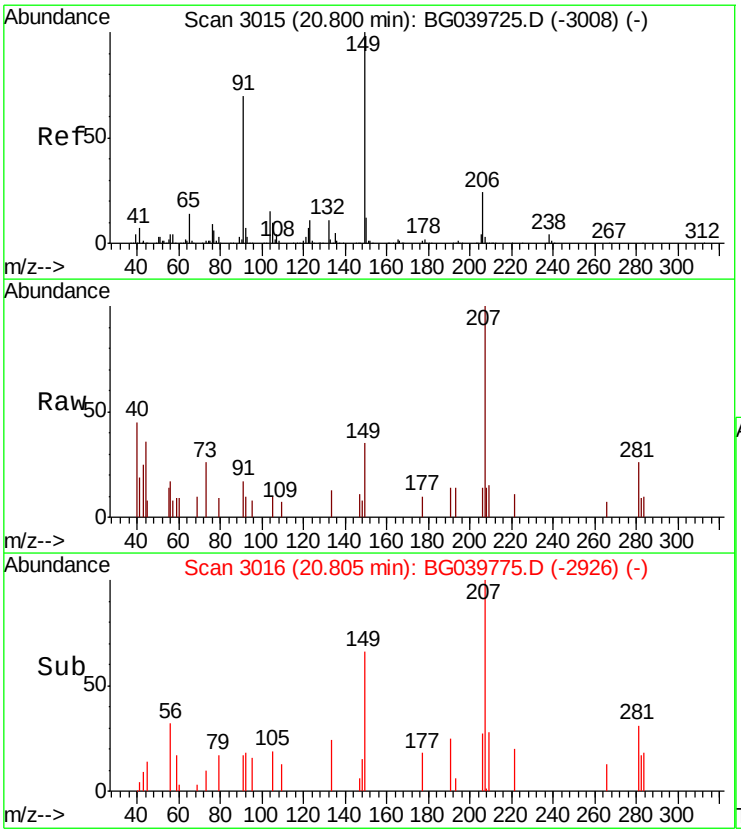
#79
Terphenyl-d14
Concen: 90.680 ng
RT: 20.12 min Scan# 2900
Delta R.T. -0.00 min
Lab File: BG039775.D
Acq: 5 Mar 2019 22:04

Instrument :
BNA_G
ClientSampleId :
TP-4-B

Tgt Ion:244 Resp: 1546567

Ion	Ratio	Lower	Upper
244	100		
212	9.7	7.3	10.9
122	9.7	8.4	12.6

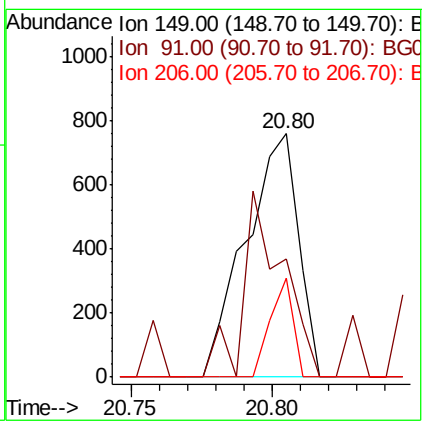


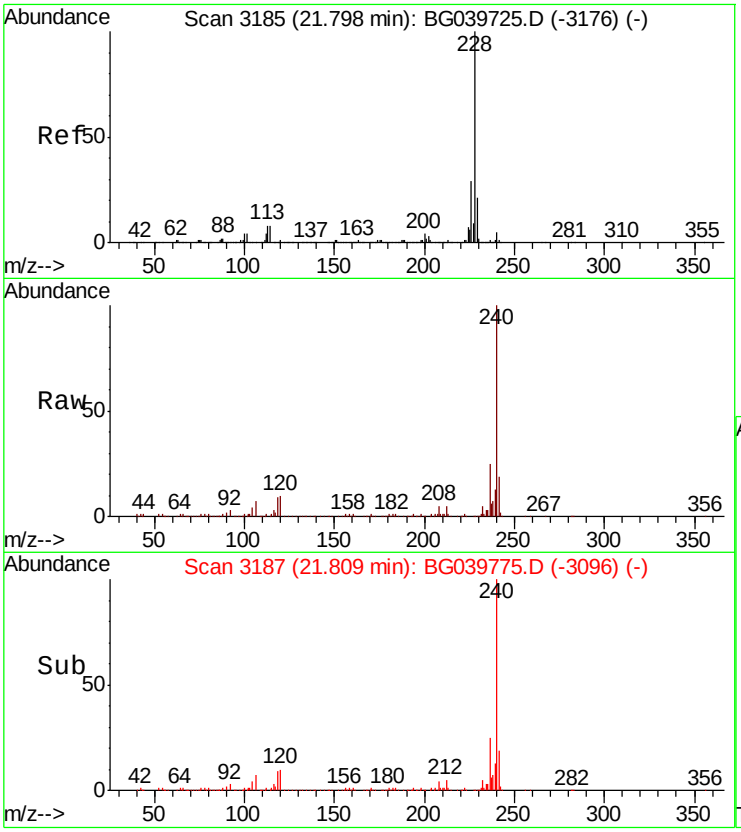


#80
Butylbenzylphthalate
Concen: 0.104 ng
RT: 20.80 min Scan# 3016
Delta R.T. -0.00 min
Lab File: BG039775.D
Acq: 5 Mar 2019 22:04

Tgt Ion:149 Resp: 983

Ion	Ratio	Lower	Upper
149	100		
91	48.6	59.5	89.3#
206	40.4	18.6	27.8#



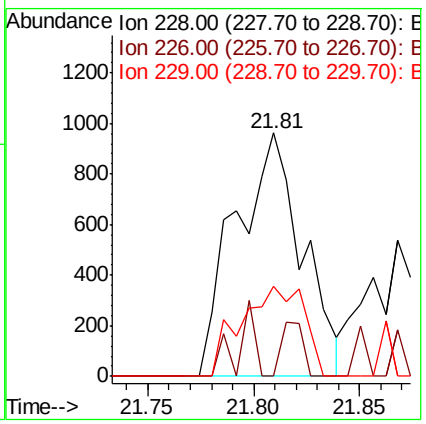


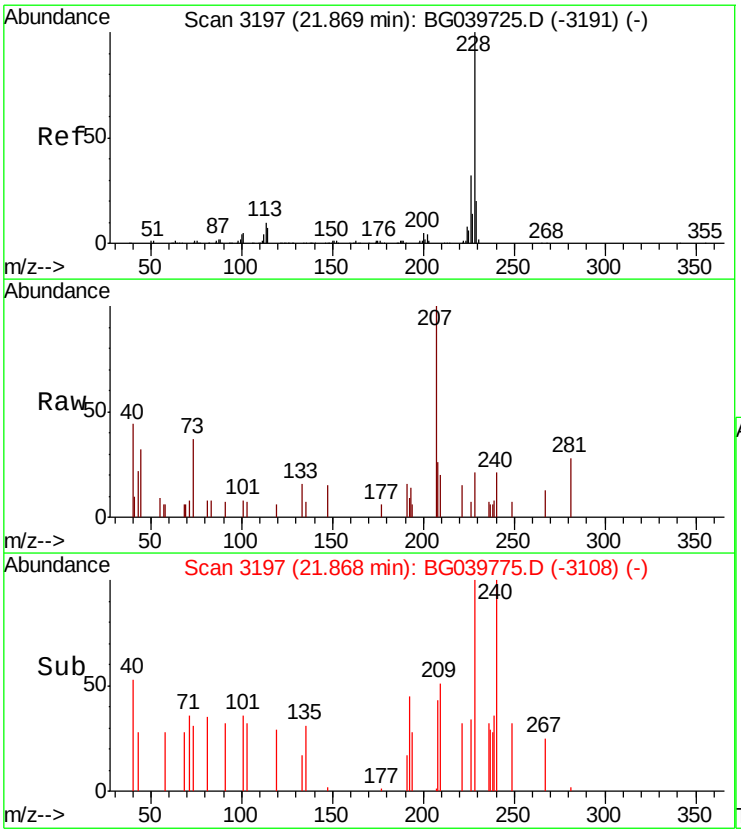
#81
Benzo(a)anthracene
Concen: 0.090 ng
RT: 21.81 min Scan# 3187
Delta R.T. 0.00 min
Lab File: BG039775.D
Acq: 5 Mar 2019 22:04

Instrument :
BNA_G
ClientSampleId :
TP-4-B

Tgt Ion:228 Resp: 2115

Ion	Ratio	Lower	Upper
228	100		
226	0.0	23.0	34.6#
229	36.9	16.9	25.3#

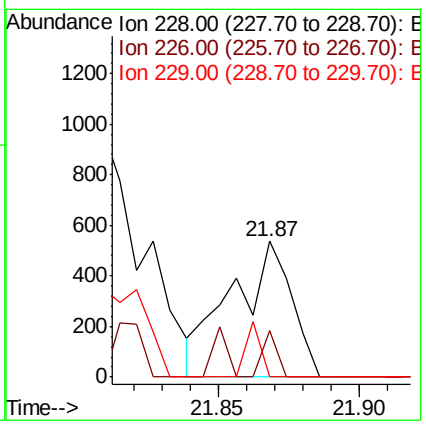


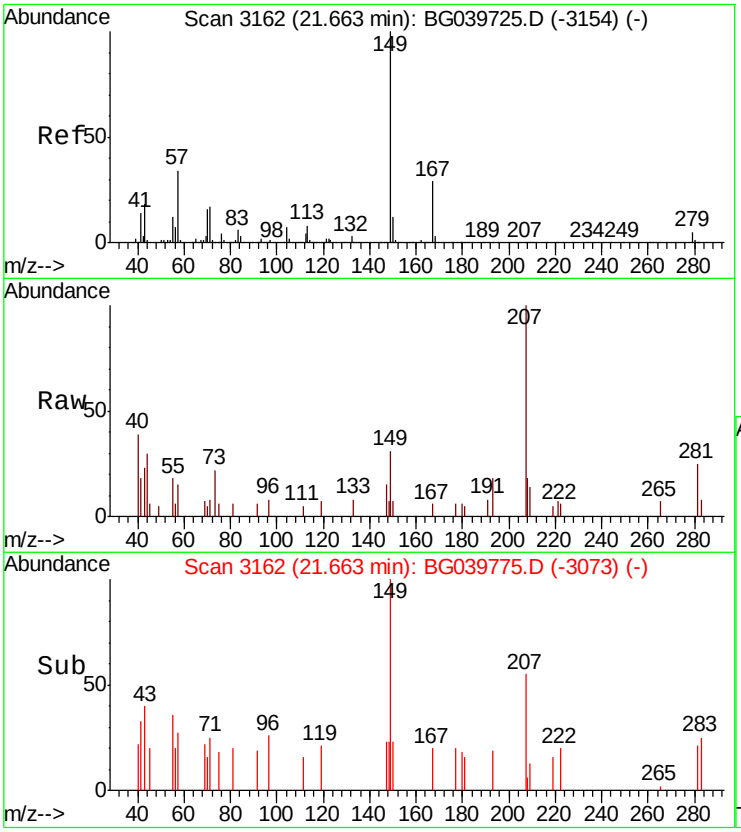


#83
Chrysene
Concen: 0.035 ng
RT: 21.87 min Scan# 3197
Delta R.T. -0.01 min
Lab File: BG039775.D
Acq: 5 Mar 2019 22:04

Tgt Ion:228 Resp: 791

Ion	Ratio	Lower	Upper
228	100		
226	34.3	25.8	38.6
229	0.0	16.6	25.0#



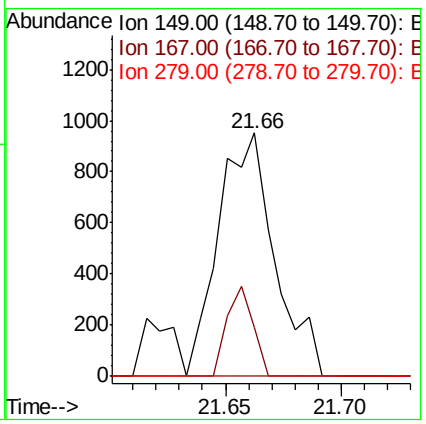


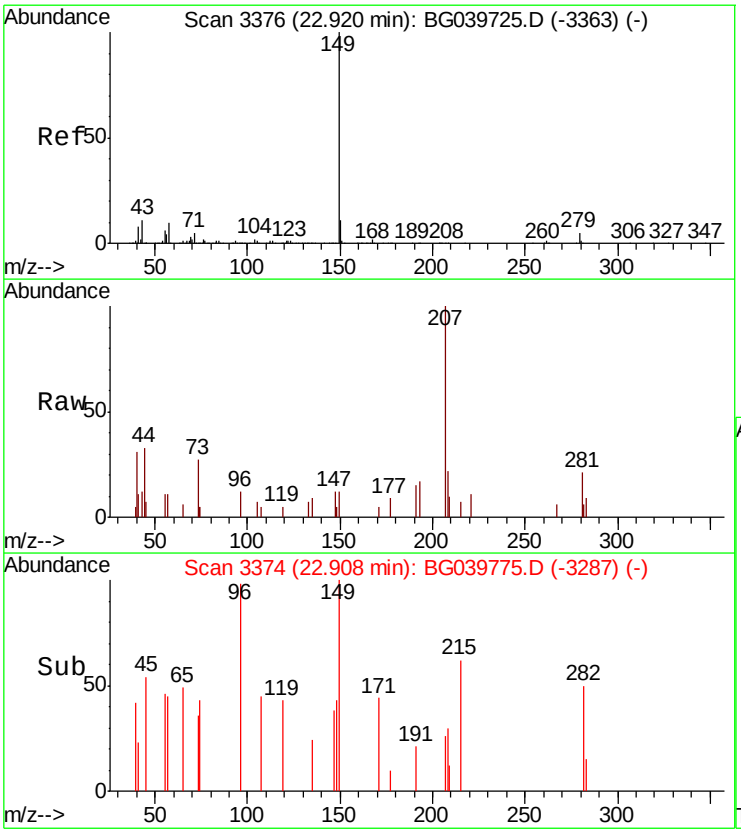
#84
Bis(2-ethylhexyl)phthalate
Concen: 0.121 ng
RT: 21.66 min Scan# 3162
Delta R.T. -0.01 min
Lab File: BG039775.D
Acq: 5 Mar 2019 22:04

Instrument :
BNA_G
ClientSampleId :
TP-4-B

Tgt Ion:149 Resp: 1611

Ion	Ratio	Lower	Upper
149	100		
167	20.2	22.6	34.0#
279	0.0	3.5	5.3#

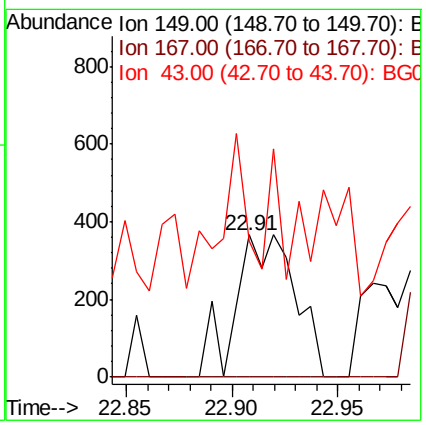


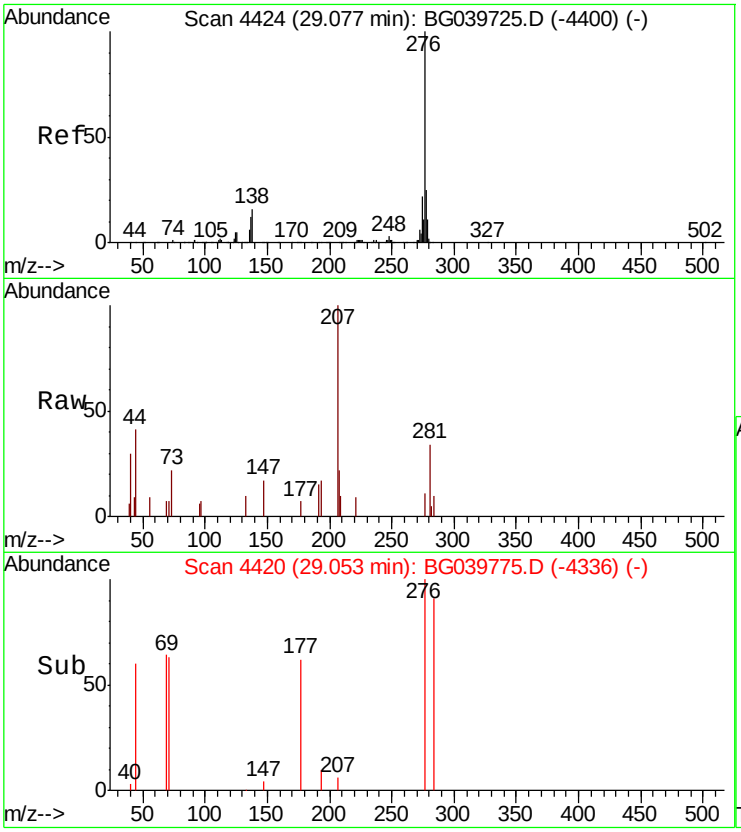


#85
Di-n-octyl phthalate
Concen: 0.033 ng
RT: 22.91 min Scan# 3374
Delta R.T. -0.02 min
Lab File: BG039775.D
Acq: 5 Mar 2019 22:04

Tgt Ion:149 Resp: 719

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



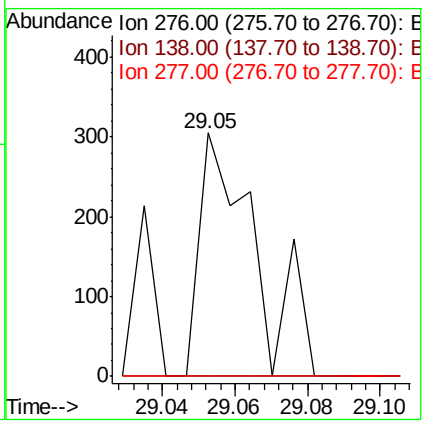


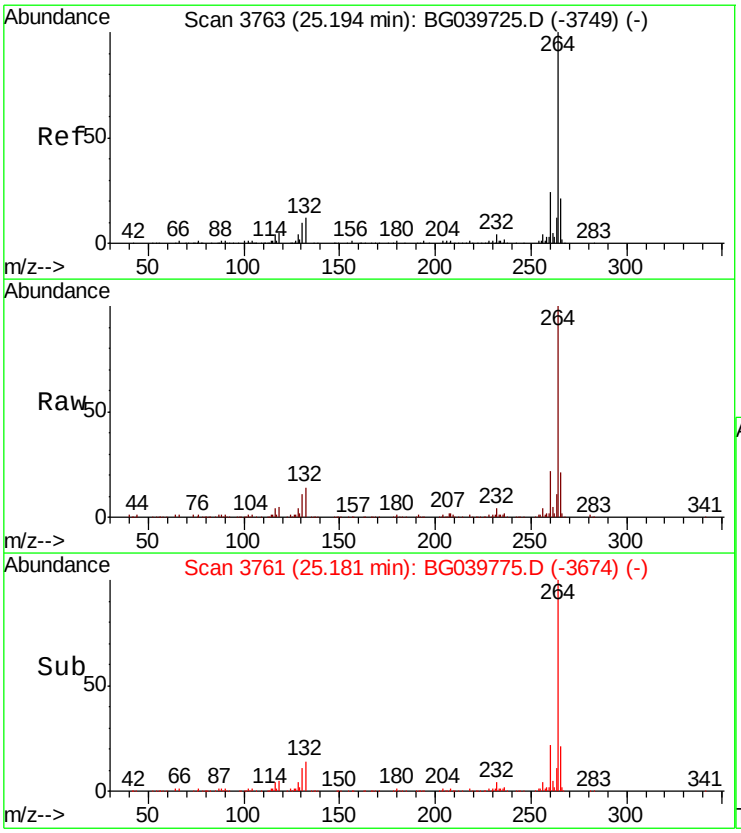
#86
Indeno(1,2,3-cd)pyrene
Concen: 0.013 ng
RT: 29.05 min Scan# 4420
Delta R.T. -0.04 min
Lab File: BG039775.D
Acq: 5 Mar 2019 22:04

Instrument :
BNA_G
ClientSampleId :
TP-4-B

Tgt Ion:276 Resp: 325

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

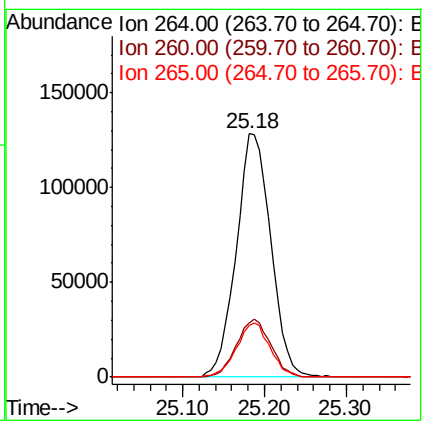


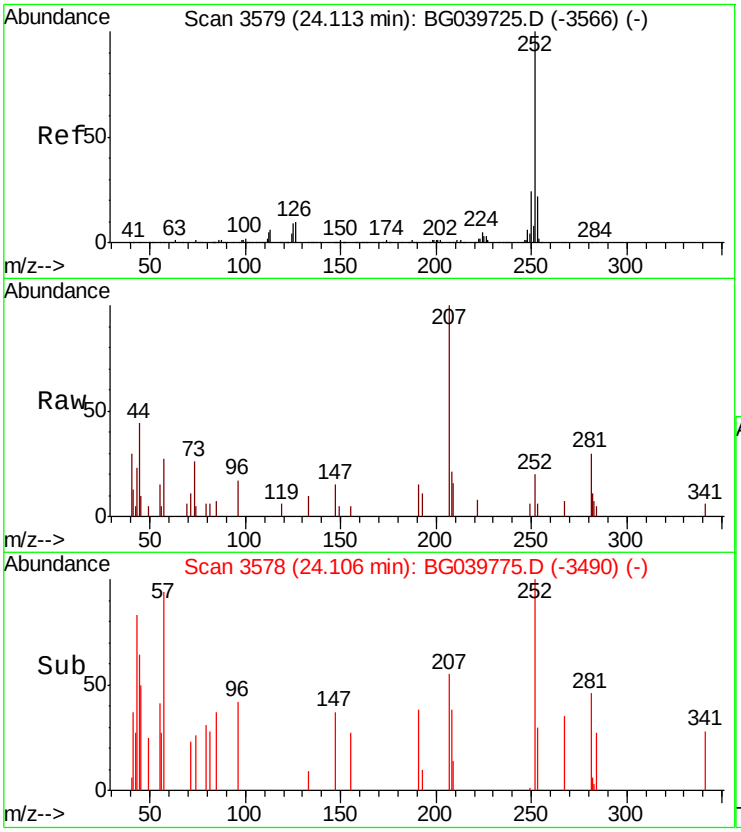


#87
Perylene-d12
Concen: 20.000 ng
RT: 25.18 min Scan# 3761
Delta R.T. -0.02 min
Lab File: BG039775.D
Acq: 5 Mar 2019 22:04

Tgt Ion:264 Resp: 376617

Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.2	27.4
265	21.3	18.5	27.7



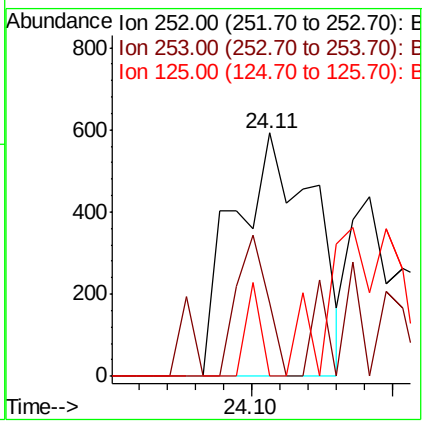


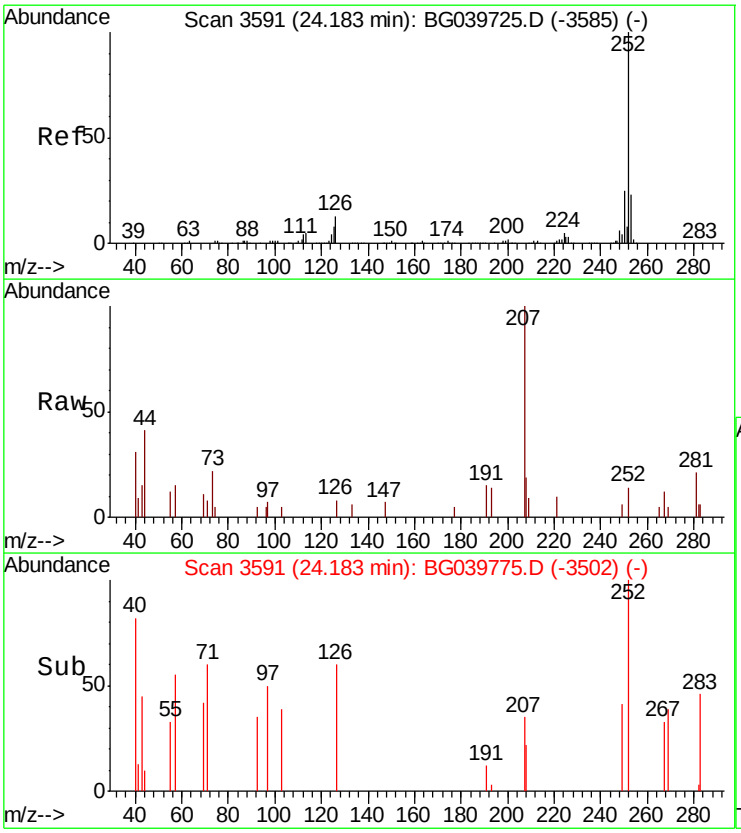
#88
Benzo(b)fluoranthene
Concen: 0.051 ng
RT: 24.11 min Scan# 3578
Delta R.T. -0.01 min
Lab File: BG039775.D
Acq: 5 Mar 2019 22:04

Instrument :
BNA_G
ClientSampleId :
TP-4-B

Tgt Ion:252 Resp: 1152

Ion	Ratio	Lower	Upper
252	100		
253	29.8	17.8	26.8#
125	0.0	7.8	11.6#

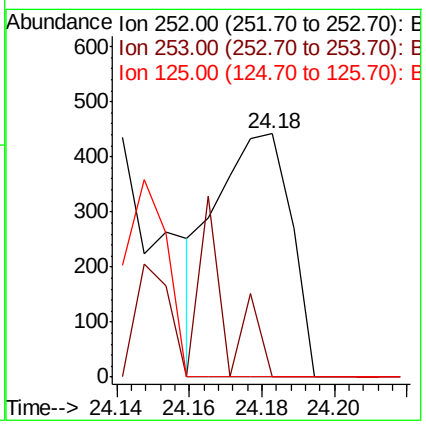


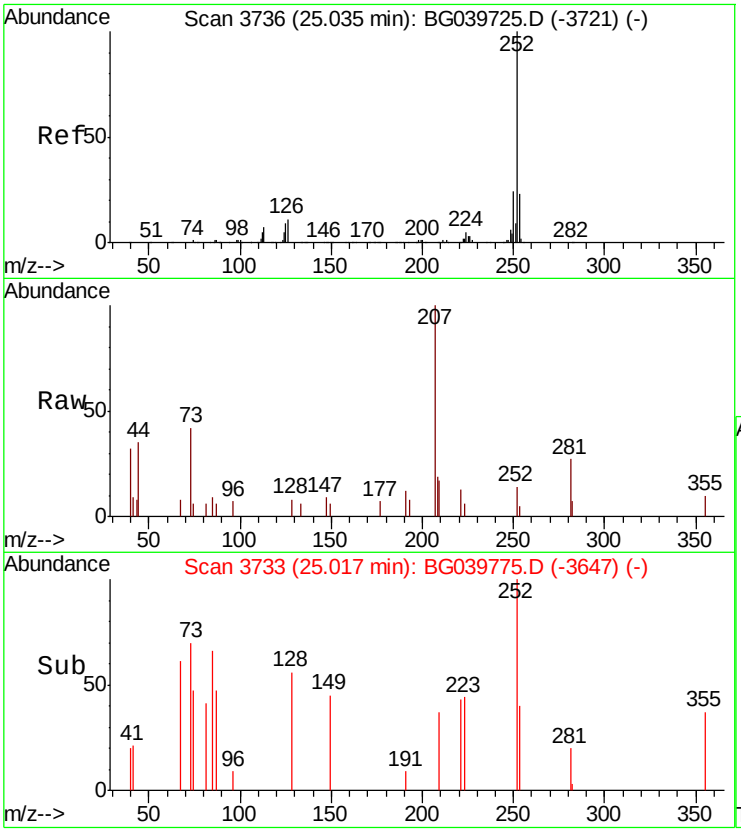


#89
Benzo(k)fluoranthene
Concen: 0.030 ng
RT: 24.18 min Scan# 3591
Delta R.T. -0.01 min
Lab File: BG039775.D
Acq: 5 Mar 2019 22:04

Tgt Ion:252 Resp: 634

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



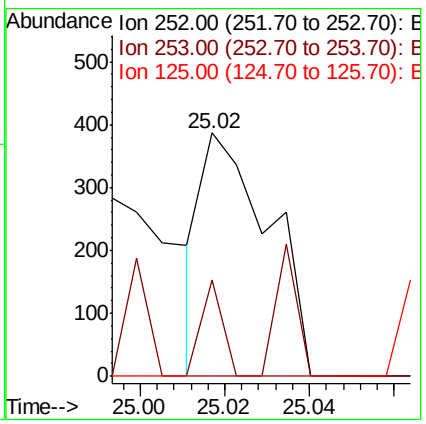


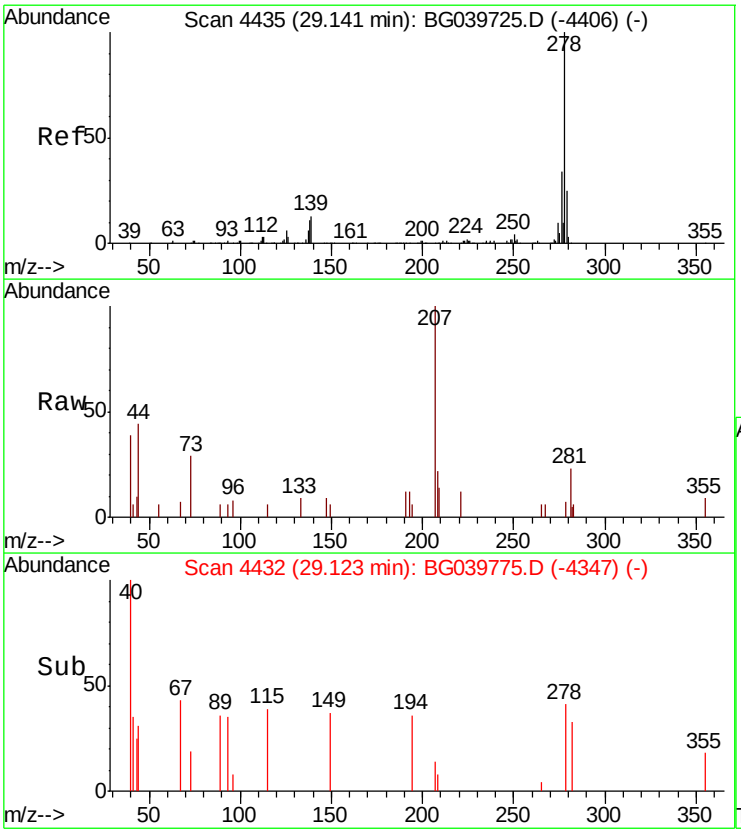
#90
Benzo(a)pyrene
Concen: 0.021 ng
RT: 25.02 min Scan# 3733
Delta R.T. -0.02 min
Lab File: BG039775.D
Acq: 5 Mar 2019 22:04

Instrument :
BNA_G
ClientSampleId :
TP-4-B

Tgt Ion:252 Resp: 427

Ion	Ratio	Lower	Upper
252	100		
253	39.5	17.9	26.9#
125	0.0	8.3	12.5#

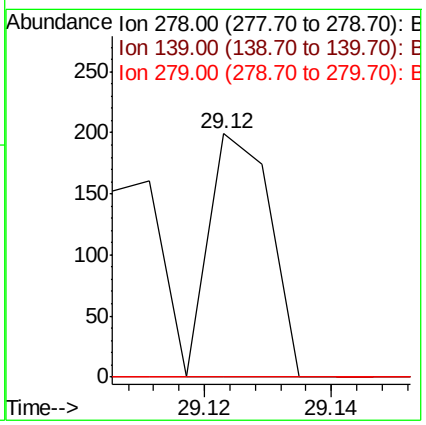


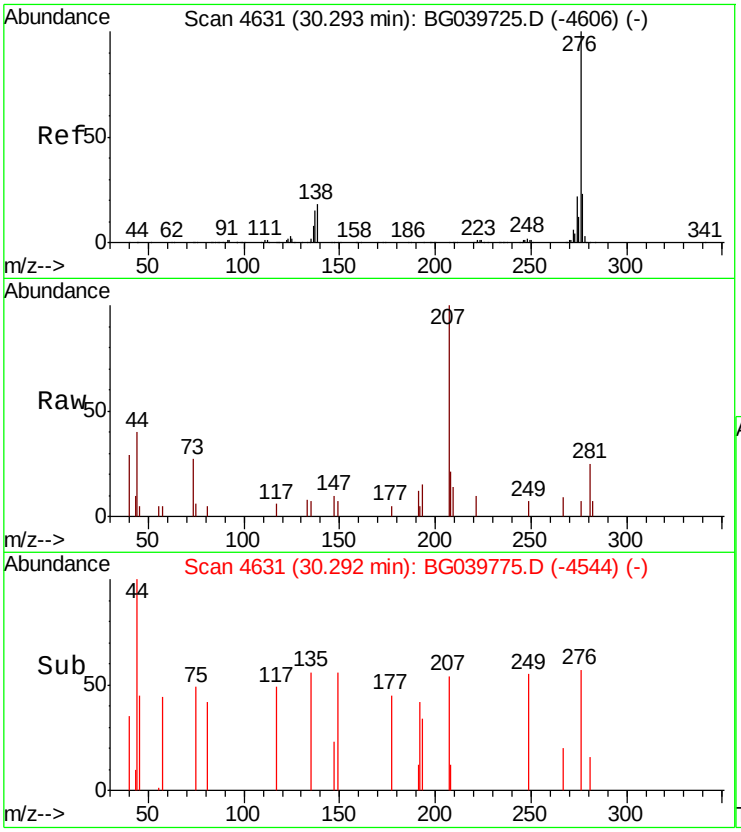


#91
Dibenzo(a,h)anthracene
Concen: 0.006 ng
RT: 29.12 min Scan# 4432
Delta R.T. -0.03 min
Lab File: BG039775.D
Acq: 5 Mar 2019 22:04

Tgt Ion:278 Resp: 131

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: 0.007 ng
RT: 30.29 min Scan# 4631
Delta R.T. -0.02 min
Lab File: BG039775.D
Acq: 5 Mar 2019 22:04

Instrument :
BNA_G
ClientSampleId :
TP-4-B

Tgt Ion:276 Resp: 133

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