Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010919\
Data File : BG039026.D
Acq On : 9 Jan 2019 18:31
Operator : JU/SJ
Sample : PB116250BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jan 10 04:20:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 09 14:23:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	18005	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	71261	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	52871	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	152184	20.00	ng	0.00
76) Chrysene-d12	21.69	240	185191	20.00	ng	0.00
87) Perylene-d12	24.98	264	189365	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	114873	121.03	ng	0.00
7) Phenol-d6	7.19	99	156976	114.92	ng	0.00
23) Nitrobenzene-d5	9.21	82	93449	71.76	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	95378	107.62	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	277629	71.86	ng	0.00
79) Terphenyl-d14	20.02	244	706564	70.58	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	63	0.169	ng	# 1
4) n-Nitrosodimethylamine	3.69	42	58	0.128	ng	# 1
9) Benzaldehyde	7.19	77	213	0.270	ng	# 1
10) Phenol	7.56	94	68	0.050	ng	# 1
15) Benzyl Alcohol	8.35	79	1443	1.403	ng	# 53
19) n-Nitroso-di-n-propylamine	9.20	70	12031	13.413	ng	# 63
24) Nitrobenzene	9.20	77	91	0.069	ng	# 38
25) Isophorone	9.33	82	276	0.123	ng	# 62
46) 1,1'-Biphenyl	13.52	154	270	0.064	ng	# 41
48) 2-Nitroaniline	13.29	65	302	0.318	ng	# 1
51) 2,6-Dinitrotoluene	14.67	165	6705	6.712	ng	# 24
52) Acenaphthene	14.67	154	116	0.038	ng	# 6
57) 2,4-Dinitrotoluene	14.67	165	6705	4.679	ng	# 26
58) Fluorene	16.16	166	2786	0.685	ng	# 75
63) Azobenzene	16.17	77	335	0.093	ng	# 31
65) 4,6-Dinitro-2-methylphenol	16.15	198	219	0.194	ng	# 53
66) n-Nitrosodiphenylamine	16.17	169	3261	0.723	ng	# 54
67) 4-Bromophenyl-phenylether	16.17	248	6348	3.245	ng	# 1
77) Benzidine	20.02	184	10962	1.935	ng	# 90
78) Pyrene	20.02	202	2584	0.219	ng	# 84
81) Benzo(a)anthracene	21.69	228	322	0.029	ng	# 51
83) Chrysene	21.69	228	322	0.030	ng	# 49
84) Bis(2-ethylhexyl)phthalate	21.55	149	69	0.011	ng	# 49
85) Di-n-octyl phthalate	22.95	149	92	0.009	ng	# 1
90) Benzo(a)pyrene	24.97	252	741	0.073	ng	# 59

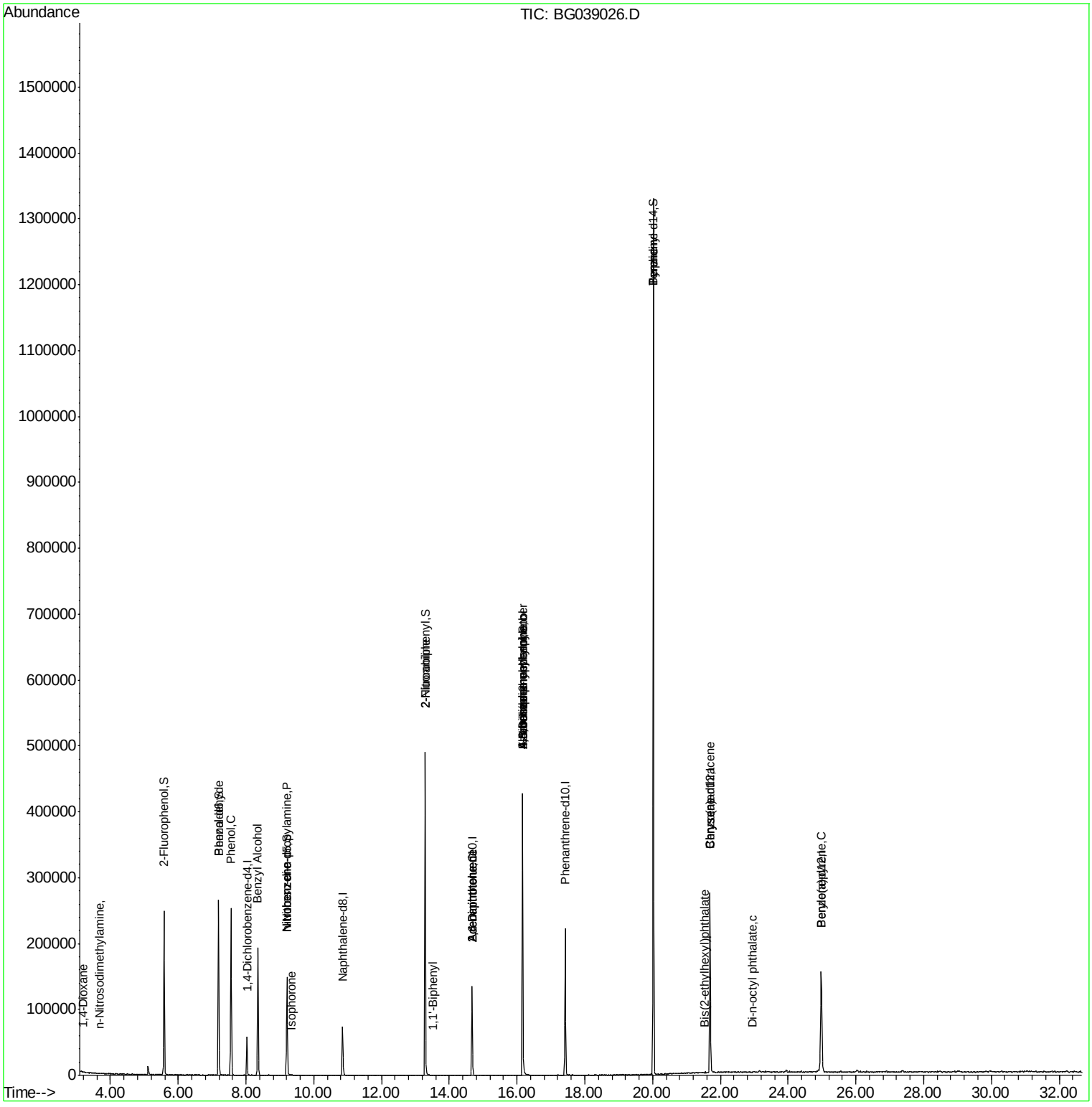
(#) = qualifier out of range (m) = manual integration (+) = signals summed

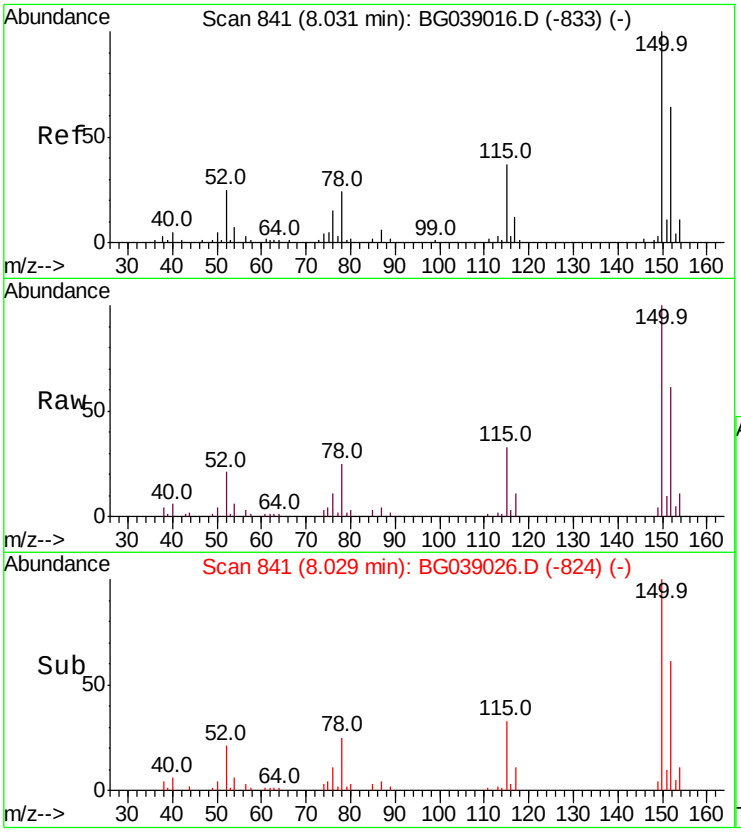
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010919\
Data File : BG039026.D
Acq On : 9 Jan 2019 18:31
Operator : JU/SJ
Sample : PB116250BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jan 10 04:20:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 09 14:23:53 2019
Response via : Initial Calibration



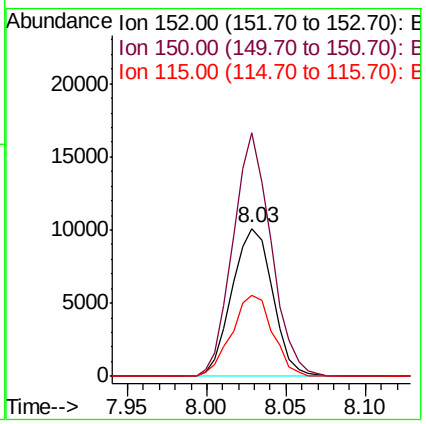


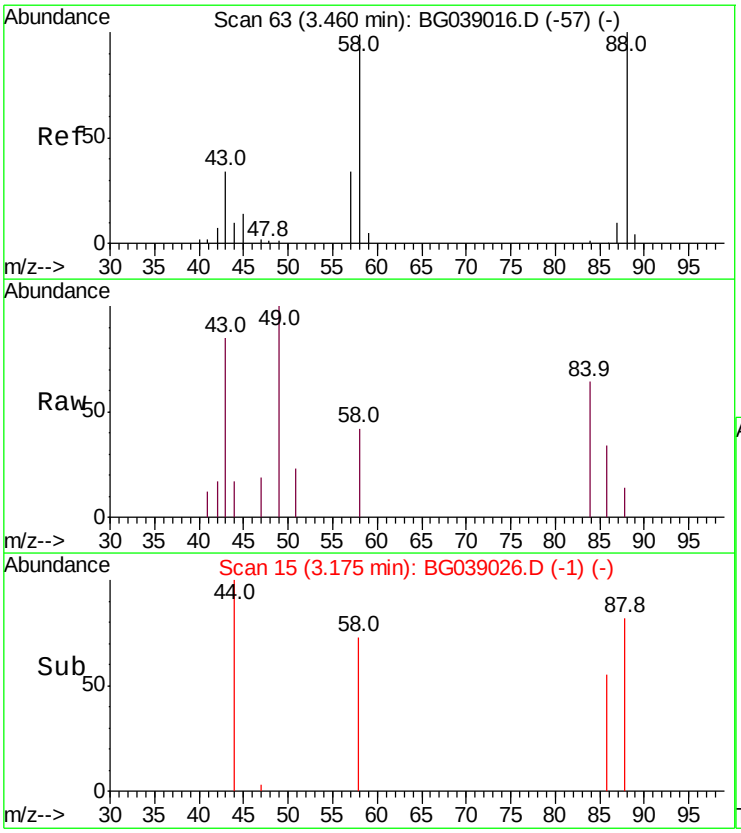
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG039026.D
Acq: 9 Jan 2019 18:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 18005

Ion	Ratio	Lower	Upper
152	100		
150	164.4	124.7	187.1
115	54.9	46.5	69.7

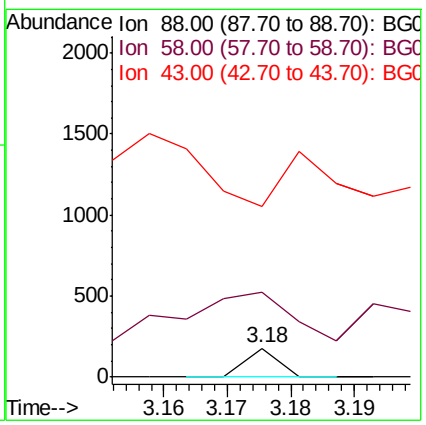


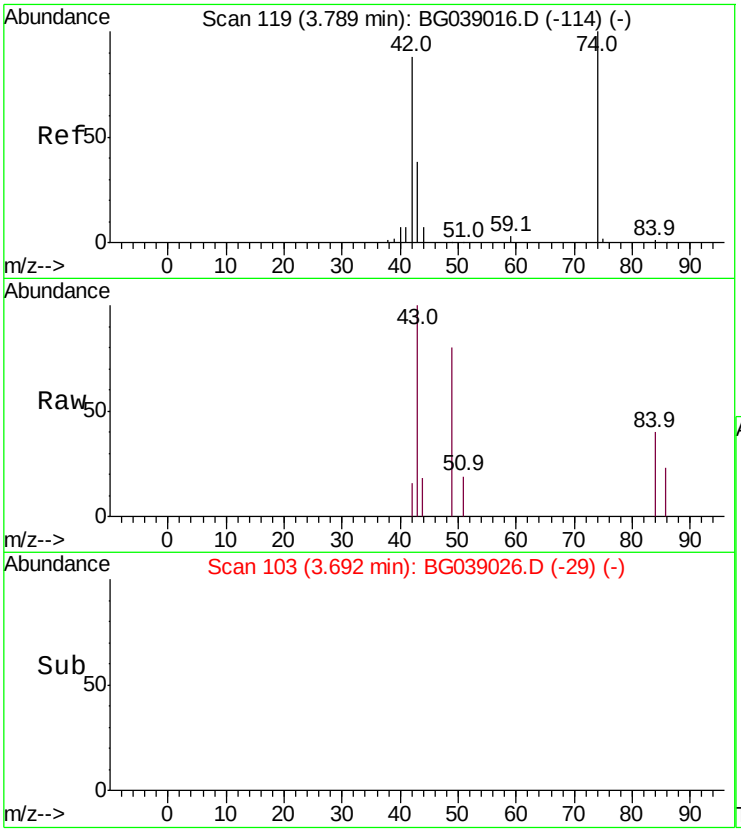


#2
1,4-Dioxane
Concen: 0.169 ng
RT: 3.18 min Scan# 15
Delta R.T. -0.28 min
Lab File: BG039026.D
Acq: 9 Jan 2019 18:31

Tgt Ion: 88 Resp: 63

Ion	Ratio	Lower	Upper
88	100		
58	552.4	72.4	108.6#
43	0.0	27.6	41.4#



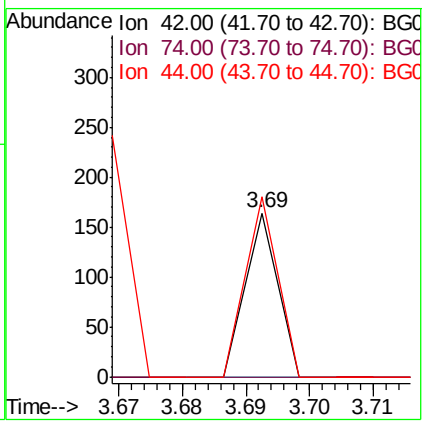


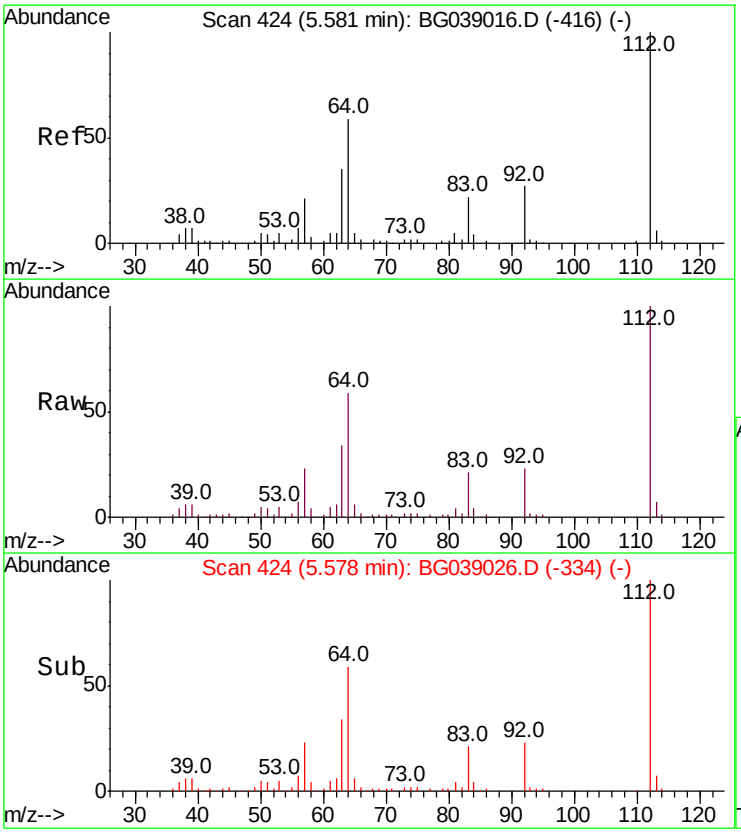
#4
n-Nitrosodimethylamine
Concen: 0.128 ng
RT: 3.69 min Scan# 103
Delta R.T. -0.10 min
Lab File: BG039026.D
Acq: 9 Jan 2019 18:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 42 Resp: 58

Ion	Ratio	Lower	Upper
42	100		
74	0.0	90.7	136.1#
44	110.4	6.5	9.7#

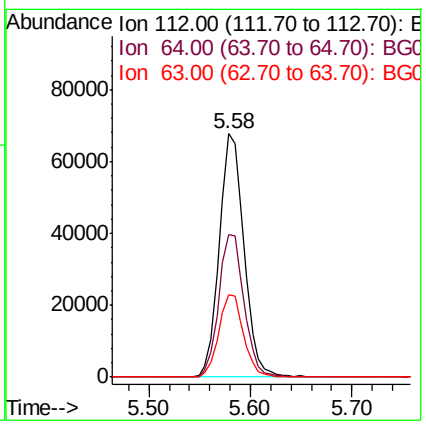


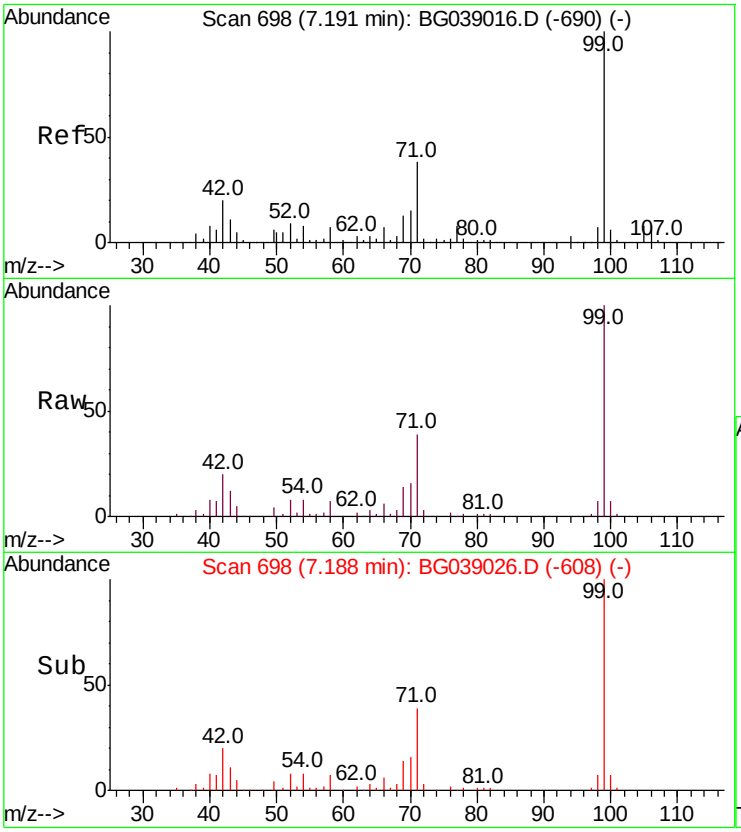


#5
2-Fluorophenol
Concen: 121.029 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG039026.D
Acq: 9 Jan 2019 18:31

Tgt Ion:112 Resp: 114873

Ion	Ratio	Lower	Upper
112	100		
64	58.7	47.0	70.6
63	33.8	28.0	42.0



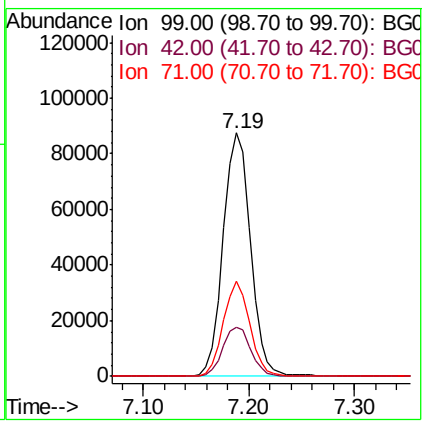


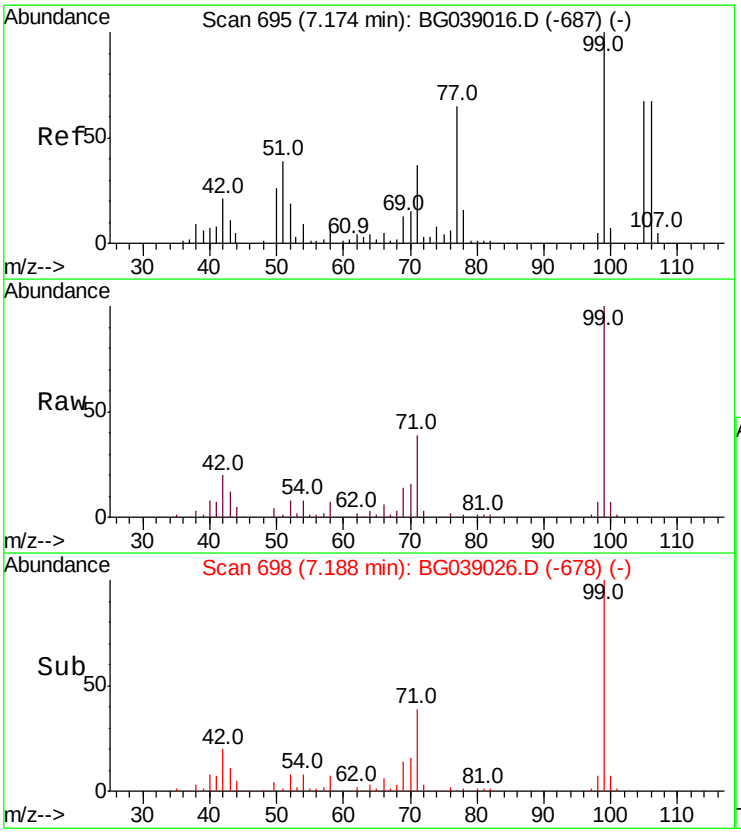
#7
Phenol-d6
Concen: 114.922 ng
RT: 7.19 min Scan# 698
Delta R.T. -0.00 min
Lab File: BG039026.D
Acq: 9 Jan 2019 18:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 156976

Ion	Ratio	Lower	Upper
99	100		
42	20.1	15.8	23.6
71	39.1	30.2	45.4

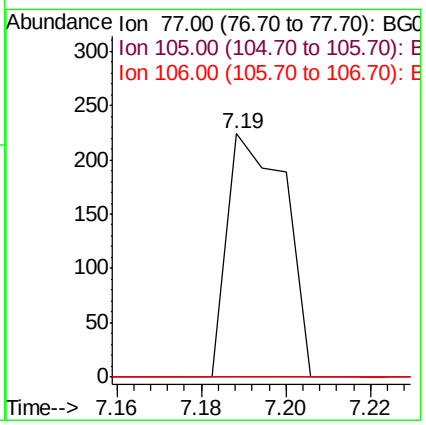


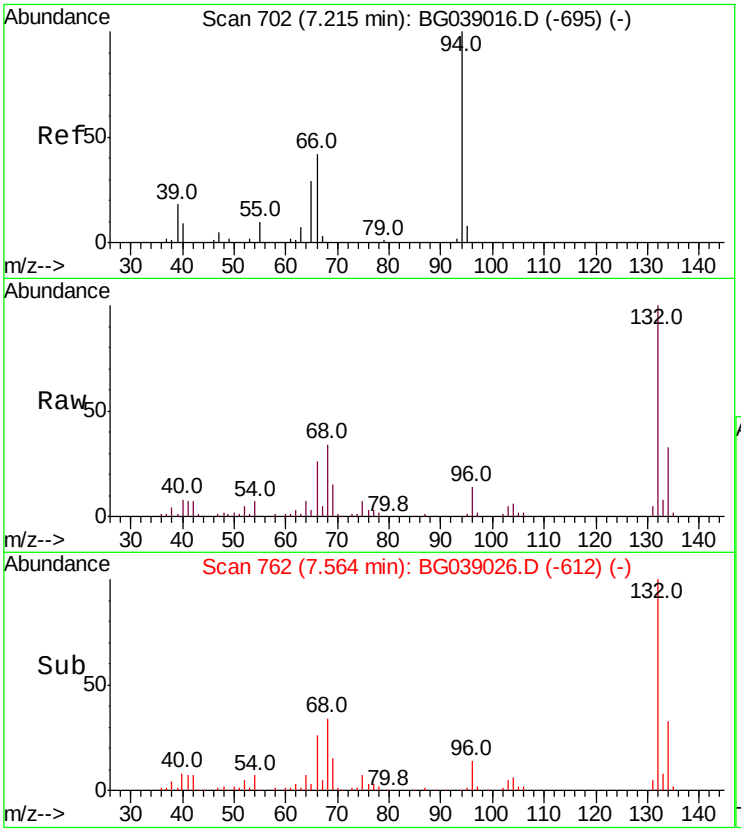


#9
Benzaldehyde
Concen: 0.270 ng
RT: 7.19 min Scan# 698
Delta R.T. 0.02 min
Lab File: BG039026.D
Acq: 9 Jan 2019 18:31

Tgt Ion: 77 Resp: 213

Ion	Ratio	Lower	Upper
77	100		
105	0.0	82.4	122.4#
106	0.0	82.8	122.8#



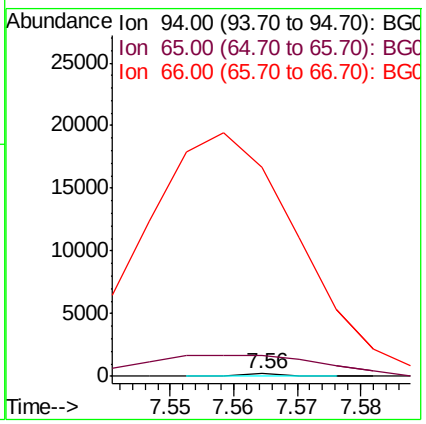


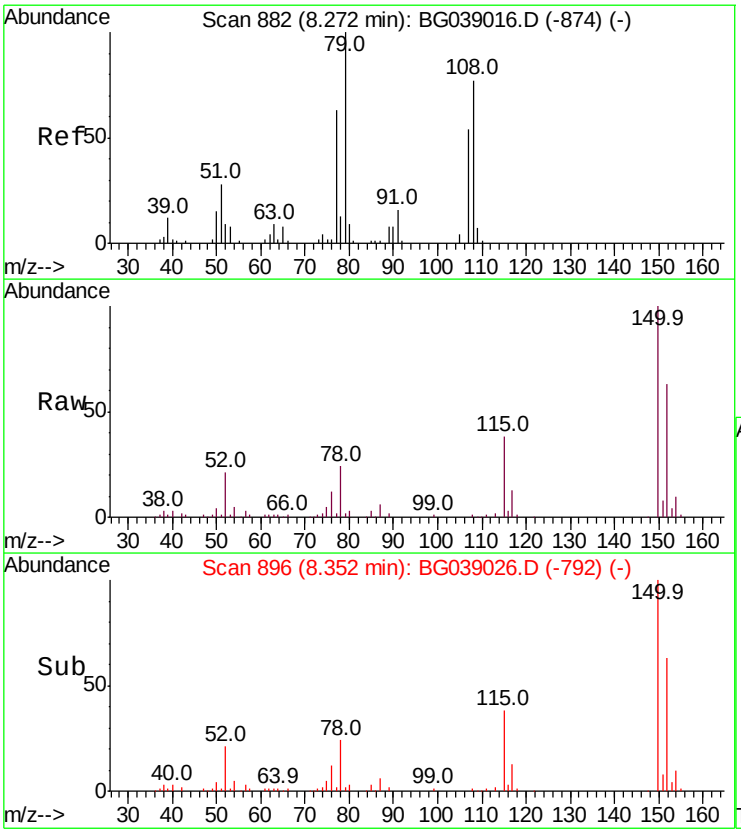
#10
Phenol
Concen: 0.050 ng
RT: 7.56 min Scan# 762
Delta R.T. 0.35 min
Lab File: BG039026.D
Acq: 9 Jan 2019 18:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 94 Resp: 68

Ion	Ratio	Lower	Upper
94	100		
65	862.7	10.3	50.3#
66	8642.5	25.1	65.1#

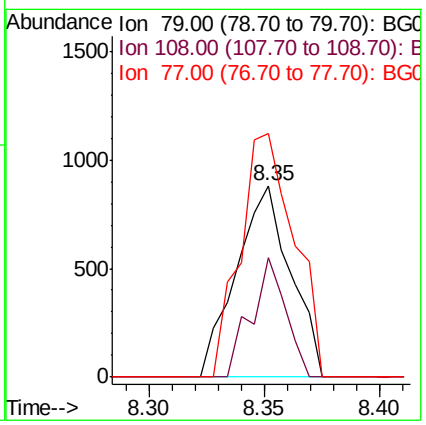


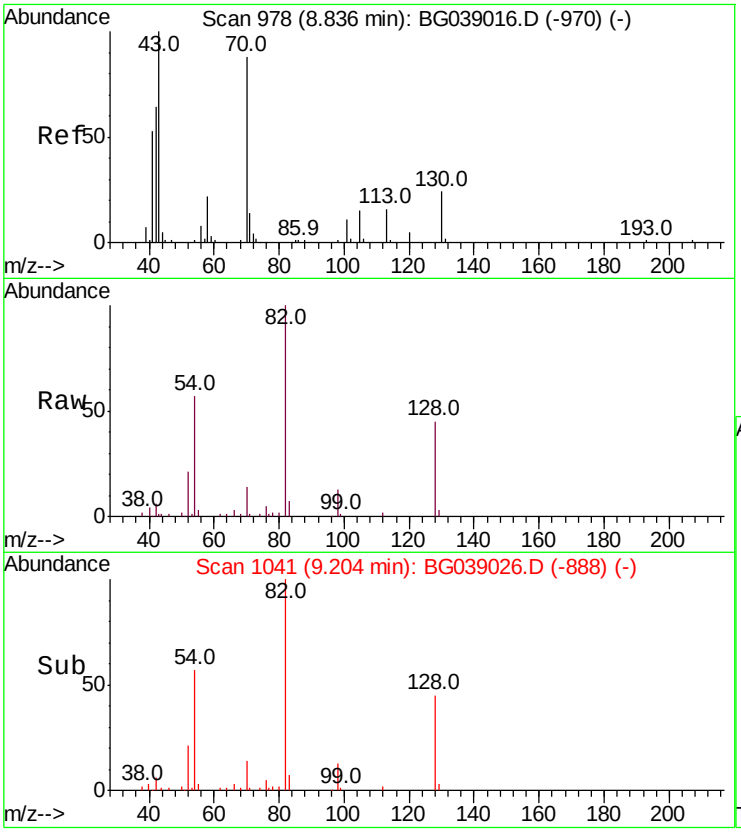


#15
Benzyl Alcohol
Concen: 1.403 ng
RT: 8.35 min Scan# 896
Delta R.T. 0.08 min
Lab File: BG039026.D
Acq: 9 Jan 2019 18:31

Tgt Ion: 79 Resp: 1443

Ion	Ratio	Lower	Upper
79	100		
108	62.3	62.0	93.0
77	127.4	50.1	75.1#



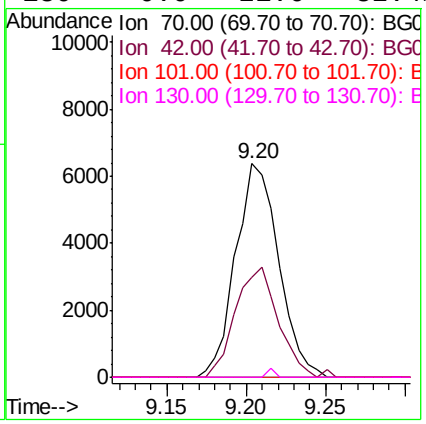


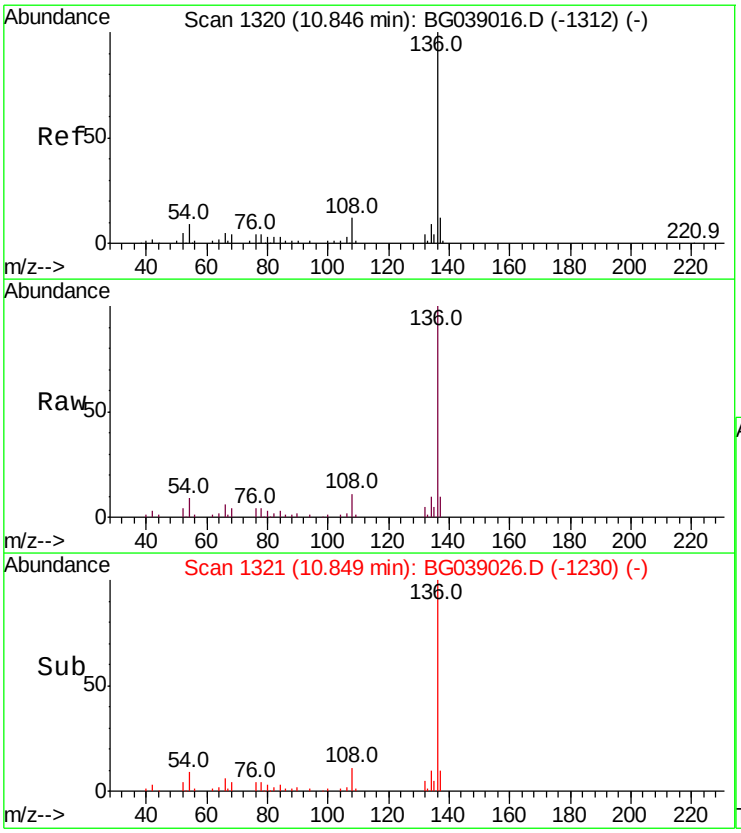
#19
n-Nitroso-di-n-propylamine
Concen: 13.413 ng
RT: 9.20 min Scan# 1041
Delta R.T. 0.37 min
Lab File: BG039026.D
Acq: 9 Jan 2019 18:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 12031

Ion	Ratio	Lower	Upper
70	100		
42	46.7	59.0	88.4#
101	0.0	10.4	15.6#
130	0.0	21.6	32.4#

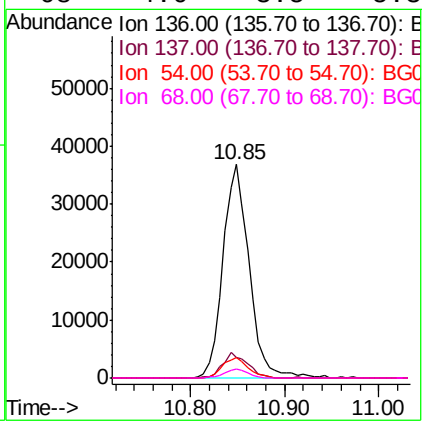


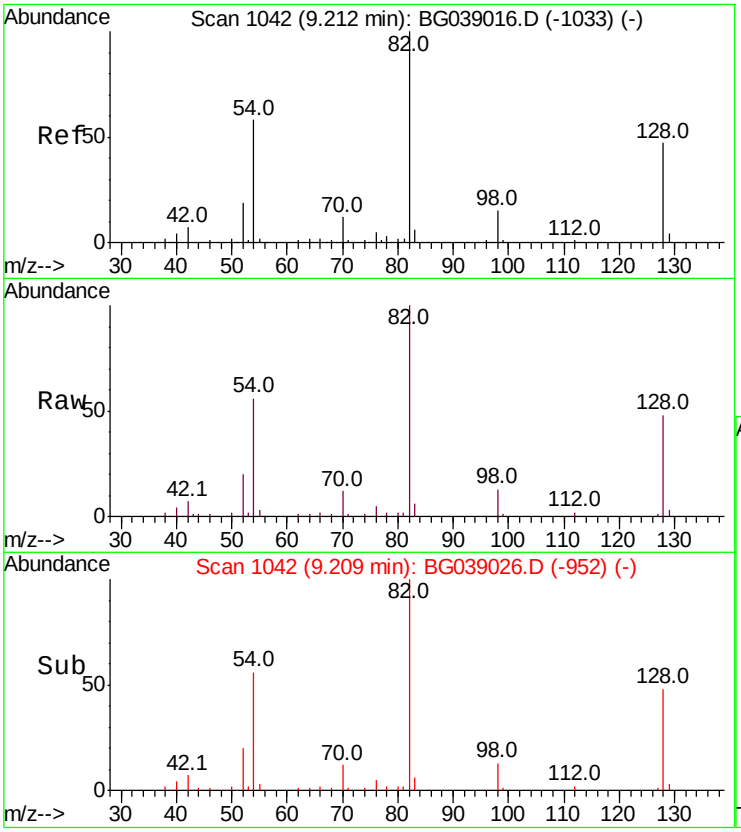


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BG039026.D
Acq: 9 Jan 2019 18:31

Tgt Ion:136 Resp: 71261

Ion	Ratio	Lower	Upper
136	100		
137	9.7	9.4	14.2
54	9.4	7.2	10.8
68	4.0	3.5	5.3



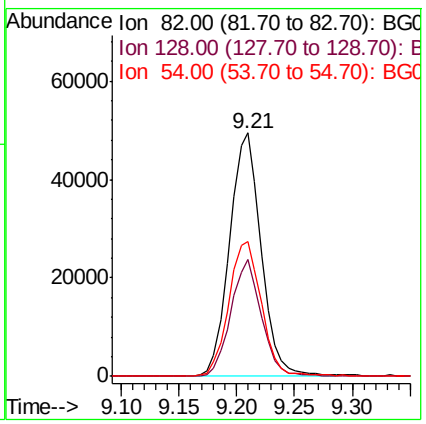


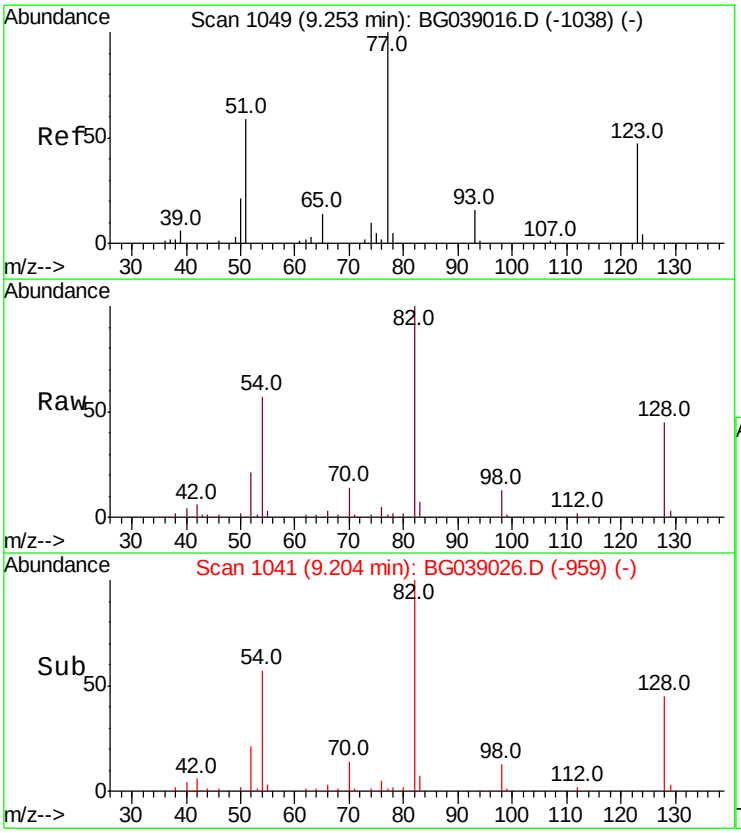
#23
Nitrobenzene-d5
Concen: 71.757 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG039026.D
Acq: 9 Jan 2019 18:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 93449

Ion	Ratio	Lower	Upper
82	100		
128	48.0	37.3	55.9
54	55.5	46.4	69.6

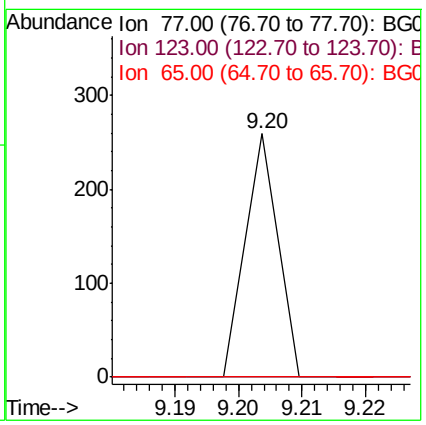


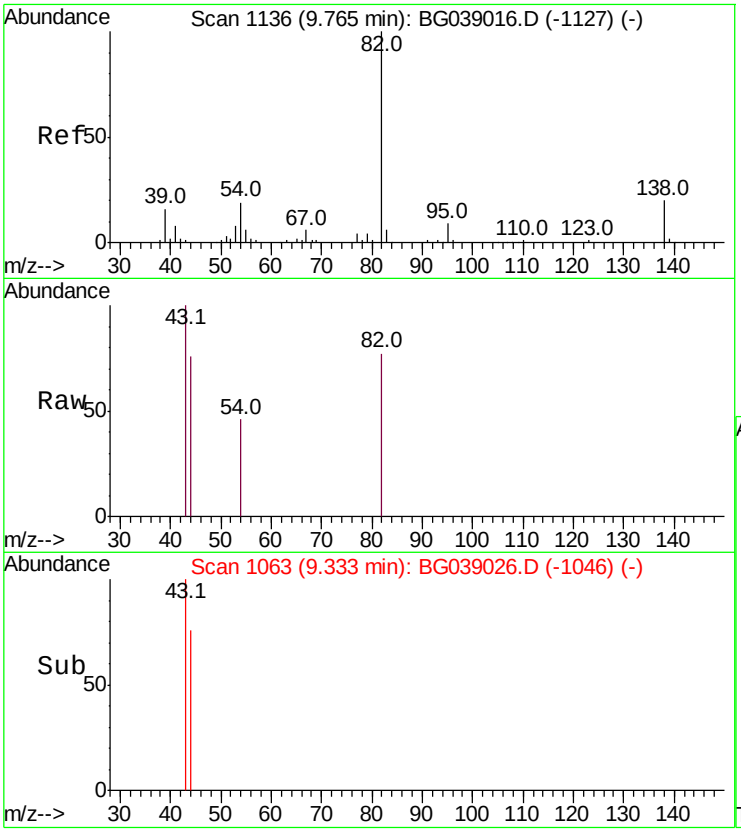


#24
Nitrobenzene
Concen: 0.069 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.05 min
Lab File: BG039026.D
Acq: 9 Jan 2019 18:31

Tgt Ion: 77 Resp: 91

Ion	Ratio	Lower	Upper
77	100		
123	0.0	37.6	56.4#
65	0.0	11.0	16.6#



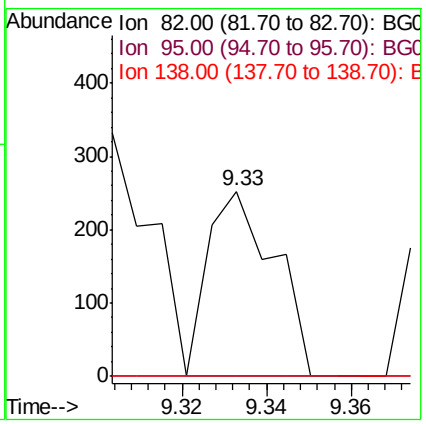


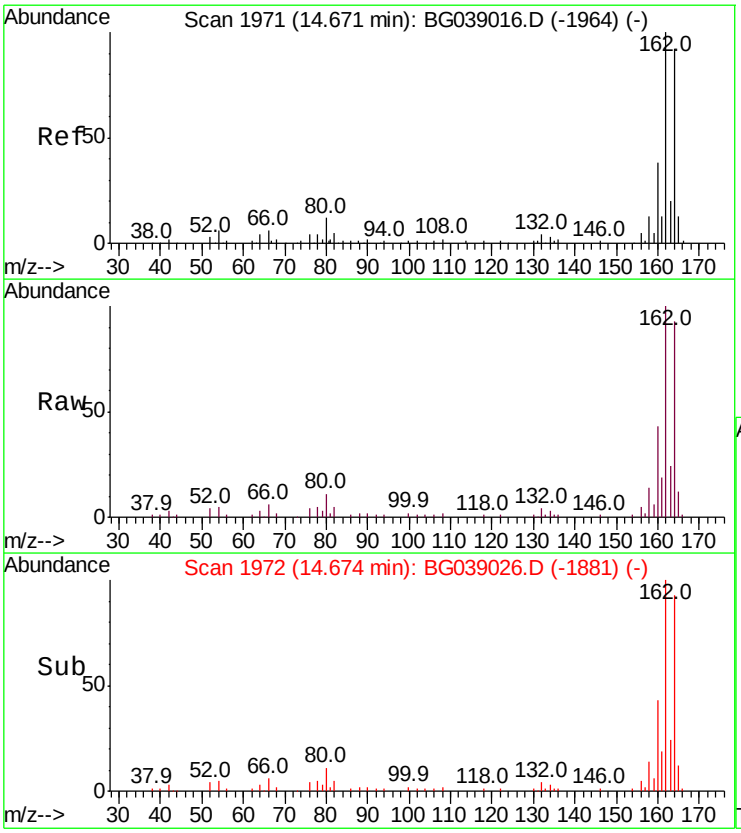
#25
Isophorone
Concen: 0.123 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.43 min
Lab File: BG039026.D
Acq: 9 Jan 2019 18:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 276

Ion	Ratio	Lower	Upper
82	100		
95	0.0	7.0	10.6#
138	0.0	16.2	24.4#

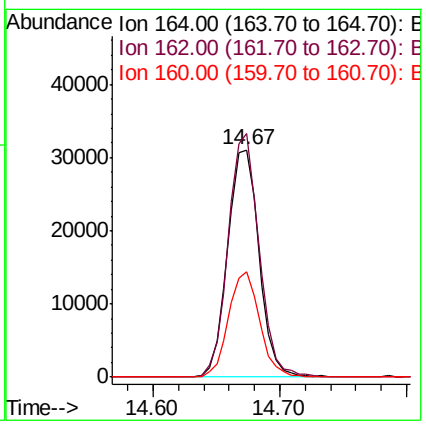


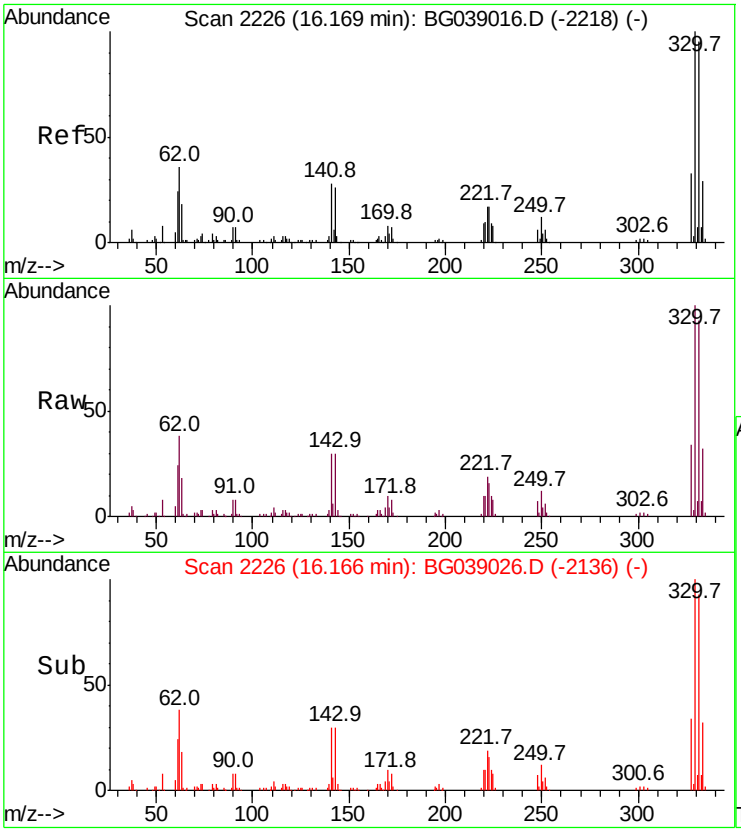


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1972
Delta R.T. 0.00 min
Lab File: BG039026.D
Acq: 9 Jan 2019 18:31

Tgt Ion:164 Resp: 52871

Ion	Ratio	Lower	Upper
164	100		
162	107.0	87.2	130.8
160	46.4	33.3	49.9



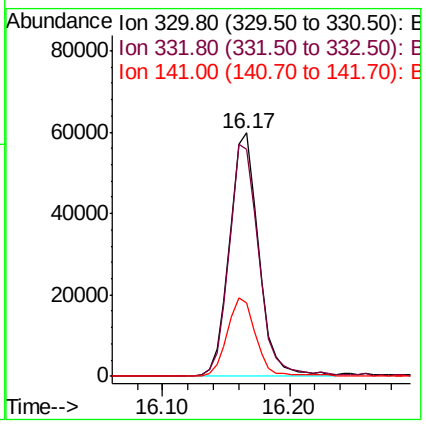


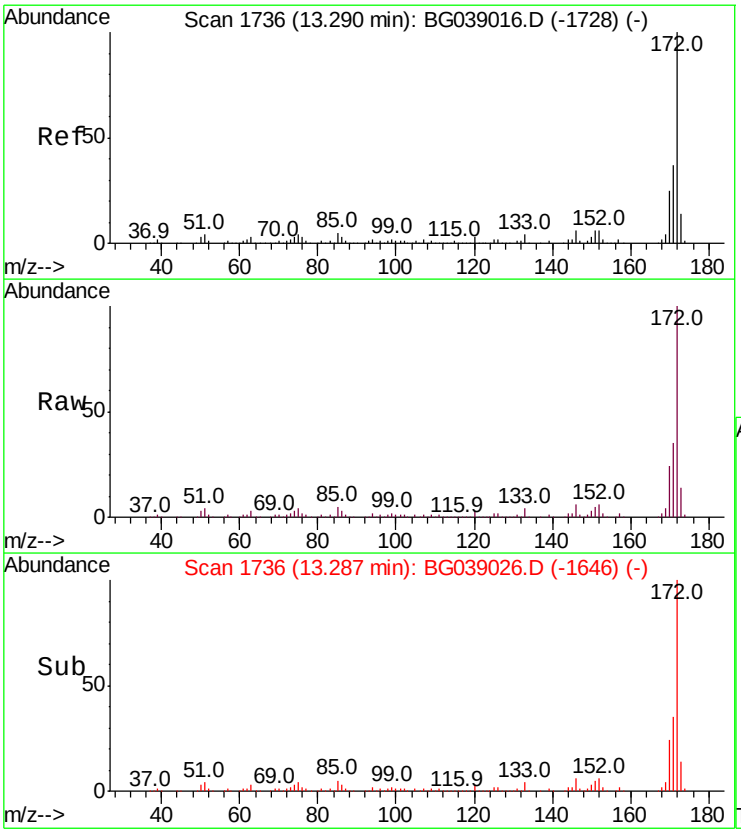
#42
2,4,6-Tribromophenol
Concen: 107.618 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.00 min
Lab File: BG039026.D
Acq: 9 Jan 2019 18:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 95378

Ion	Ratio	Lower	Upper
330	100		
332	96.6	75.7	113.5
141	31.8	24.9	37.3

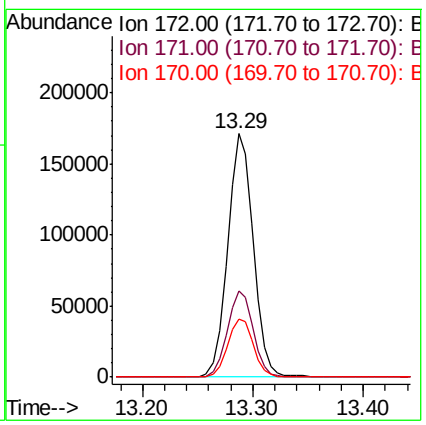


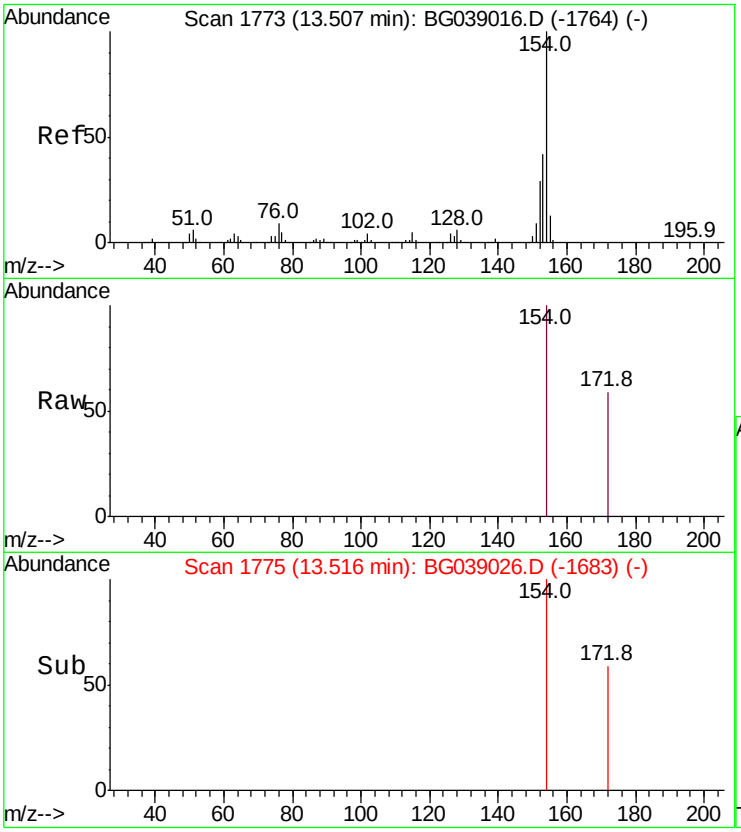


#45
2-Fluorobiphenyl
Concen: 71.864 ng
RT: 13.29 min Scan# 1736
Delta R.T. -0.00 min
Lab File: BG039026.D
Acq: 9 Jan 2019 18:31

Tgt Ion:172 Resp: 277629

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.4	44.0
170	24.1	20.1	30.1



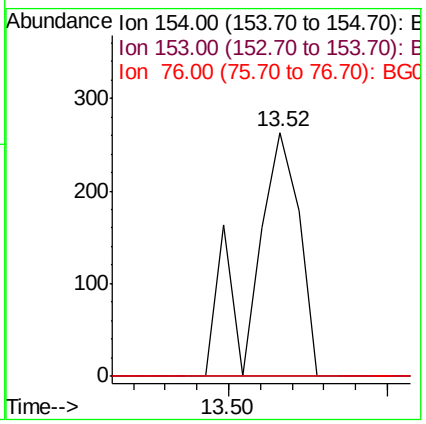


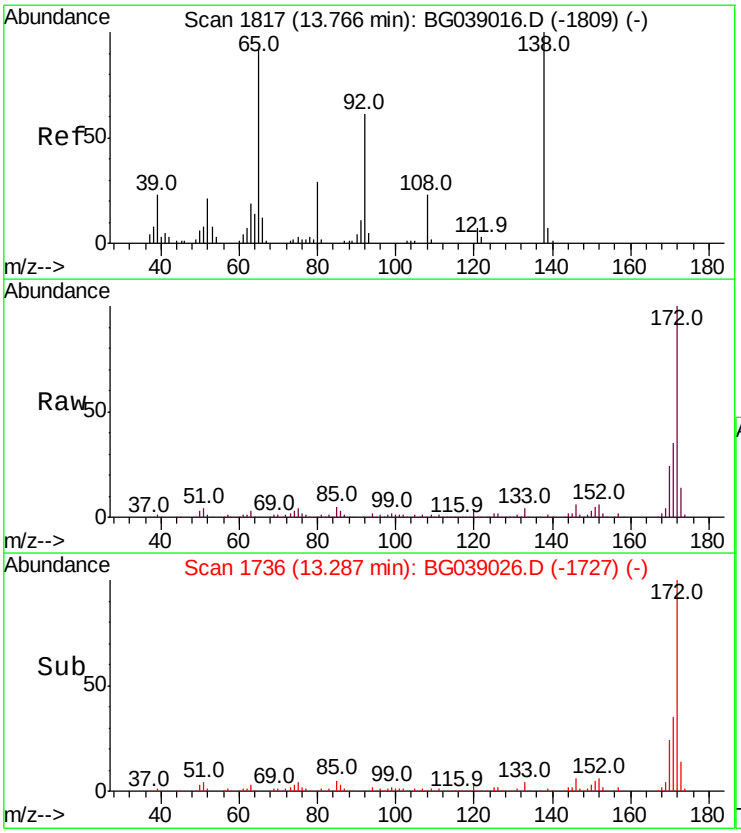
#46
1,1'-Biphenyl
Concen: 0.064 ng
RT: 13.52 min Scan# 1775
Delta R.T. 0.01 min
Lab File: BG039026.D
Acq: 9 Jan 2019 18:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:154 Resp: 270

Ion	Ratio	Lower	Upper
154	100		
153	0.0	22.4	62.4#
76	0.0	0.0	29.4

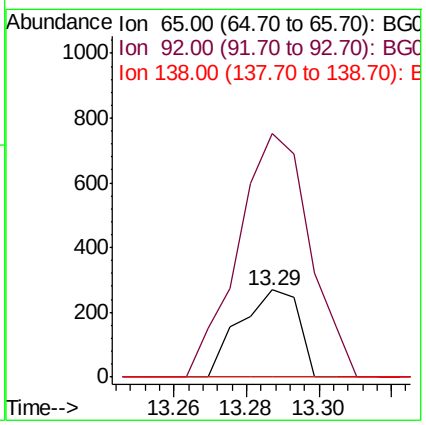


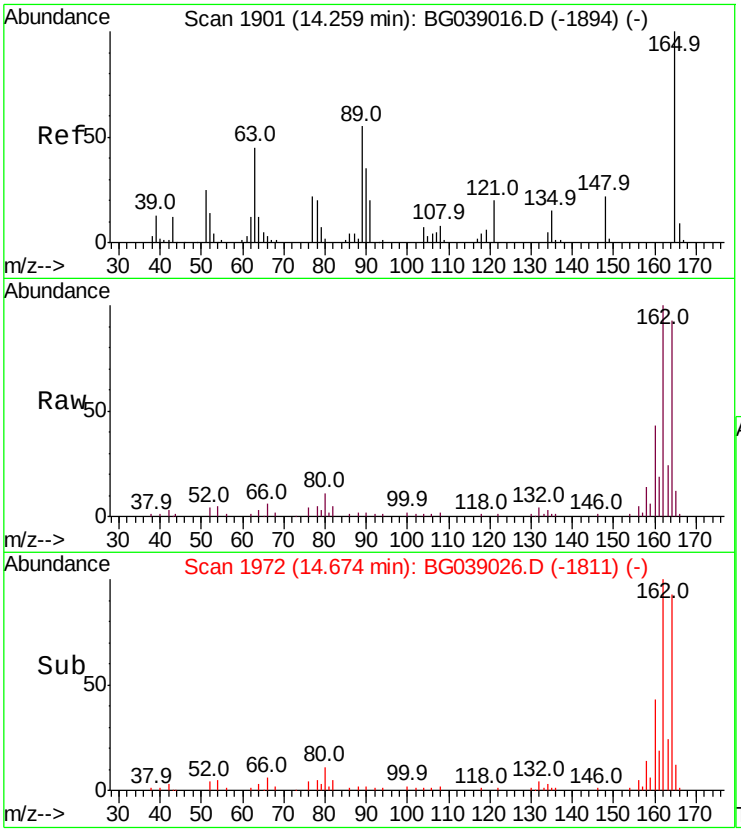


#48
2-Nitroaniline
Concen: 0.318 ng
RT: 13.29 min Scan# 1736
Delta R.T. -0.48 min
Lab File: BG039026.D
Acq: 9 Jan 2019 18:31

Tgt Ion: 65 Resp: 302

Ion	Ratio	Lower	Upper
65	100		
92	280.6	52.2	78.4#
138	0.0	86.0	129.0#



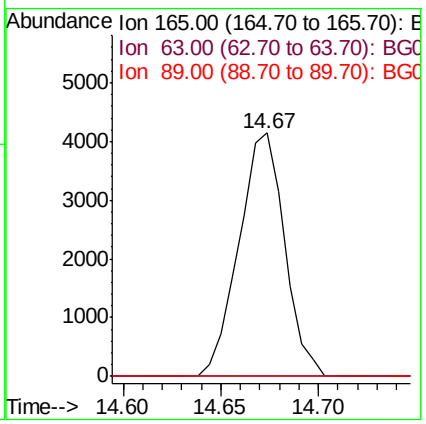


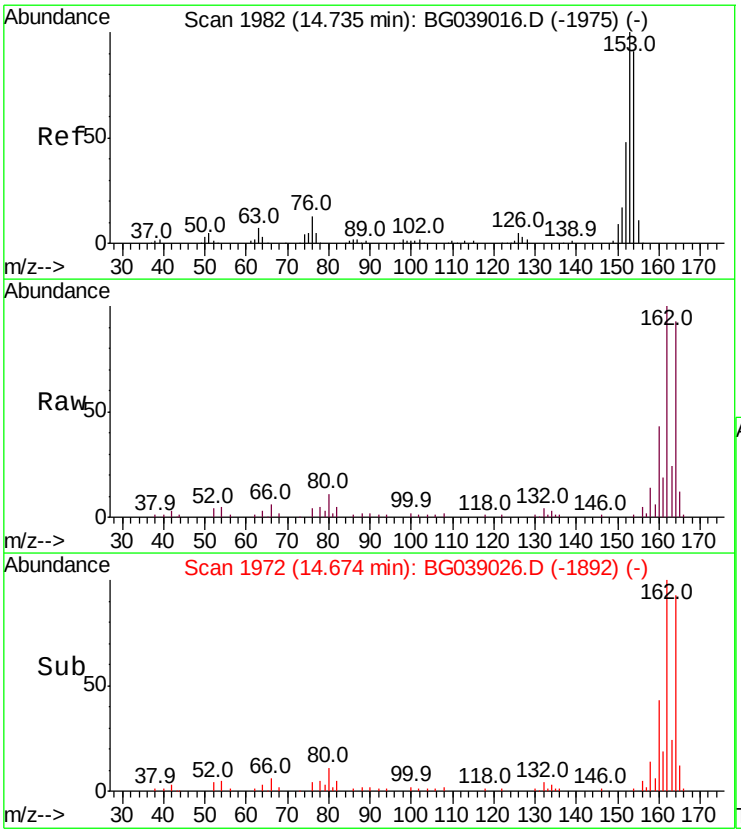
#51
2,6-Dinitrotoluene
Concen: 6.712 ng
RT: 14.67 min Scan# 1972
Delta R.T. 0.41 min
Lab File: BG039026.D
Acq: 9 Jan 2019 18:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 6705

Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.6	65.4#
89	0.0	43.7	65.5#

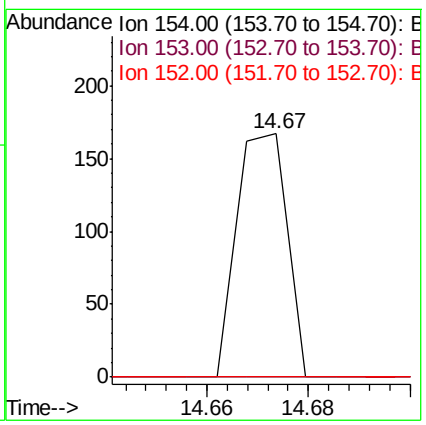


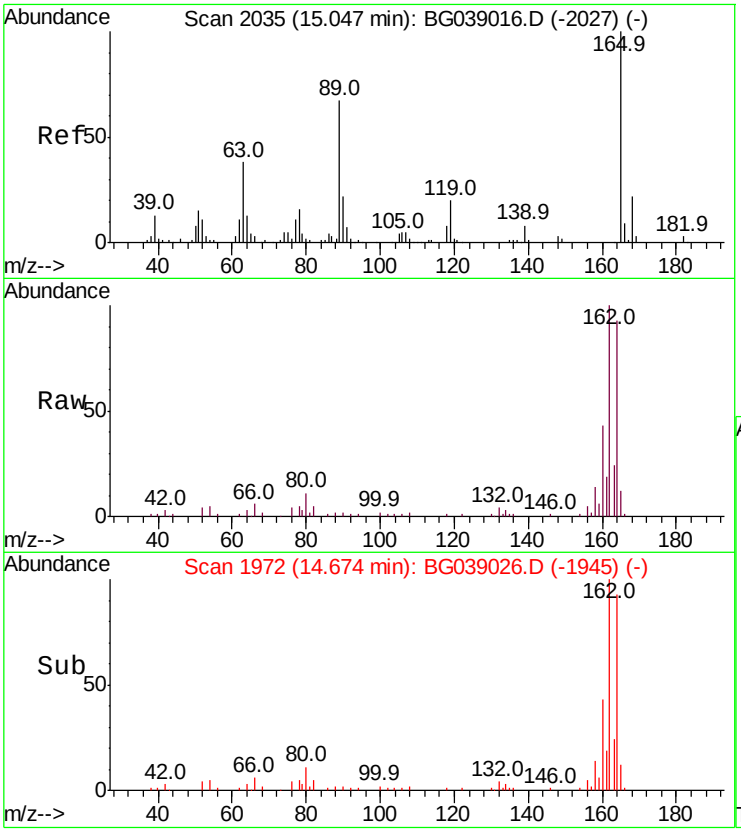


#52
Acenaphthene
Concen: 0.038 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.06 min
Lab File: BG039026.D
Acq: 9 Jan 2019 18:31

Tgt Ion:154 Resp: 116

Ion	Ratio	Lower	Upper
154	100		
153	0.0	87.9	131.9#
152	0.0	42.2	63.2#



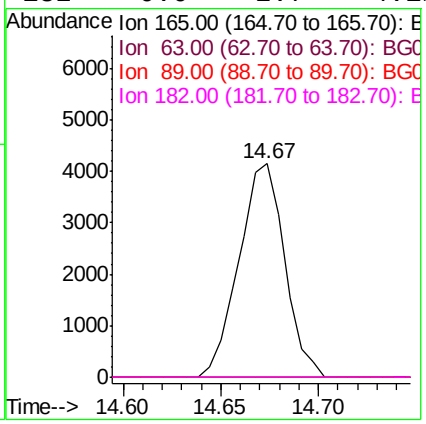


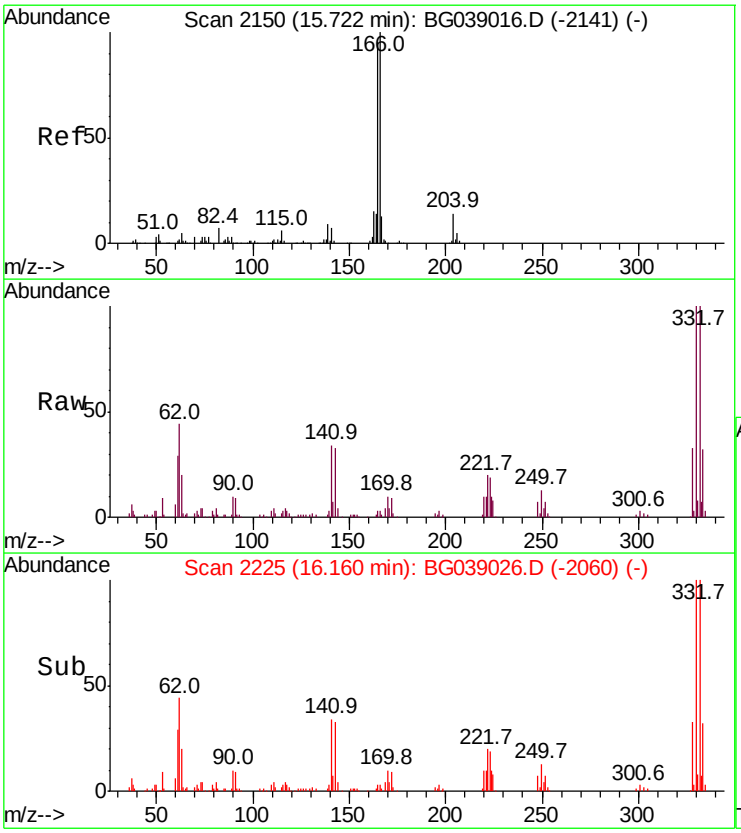
#57
2,4-Dinitrotoluene
Concen: 4.679 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.37 min
Lab File: BG039026.D
Acq: 9 Jan 2019 18:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 6705

Ion	Ratio	Lower	Upper
165	100		
63	0.0	30.2	45.4#
89	0.0	53.2	79.8#
182	0.0	2.7	4.1#

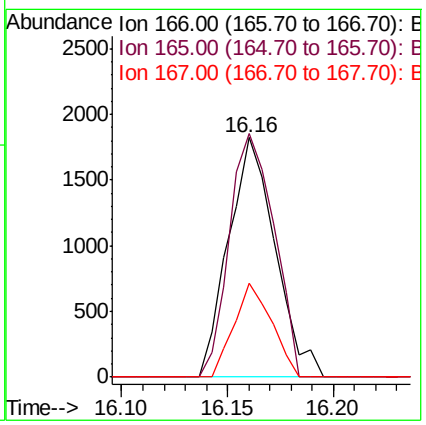


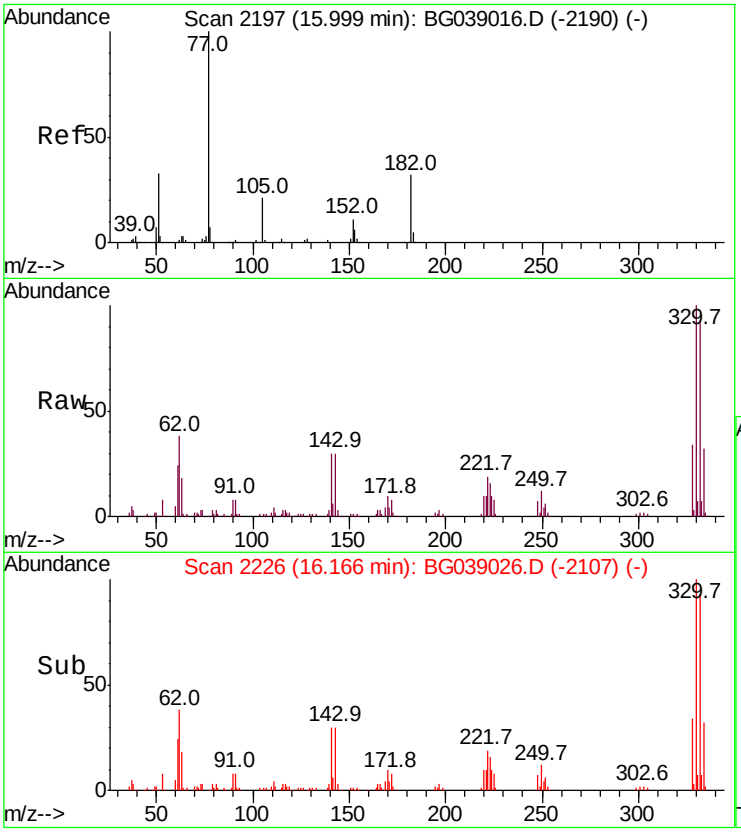


#58
Fluorene
Concen: 0.685 ng
RT: 16.16 min Scan# 2225
Delta R.T. 0.44 min
Lab File: BG039026.D
Acq: 9 Jan 2019 18:31

Tgt Ion:166 Resp: 2786

Ion	Ratio	Lower	Upper
166	100		
165	73.0	76.2	114.2#
167	28.2	10.6	16.0#



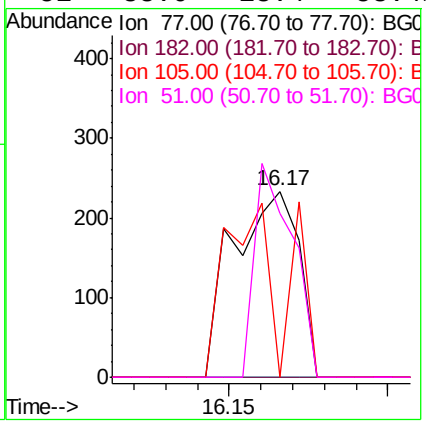


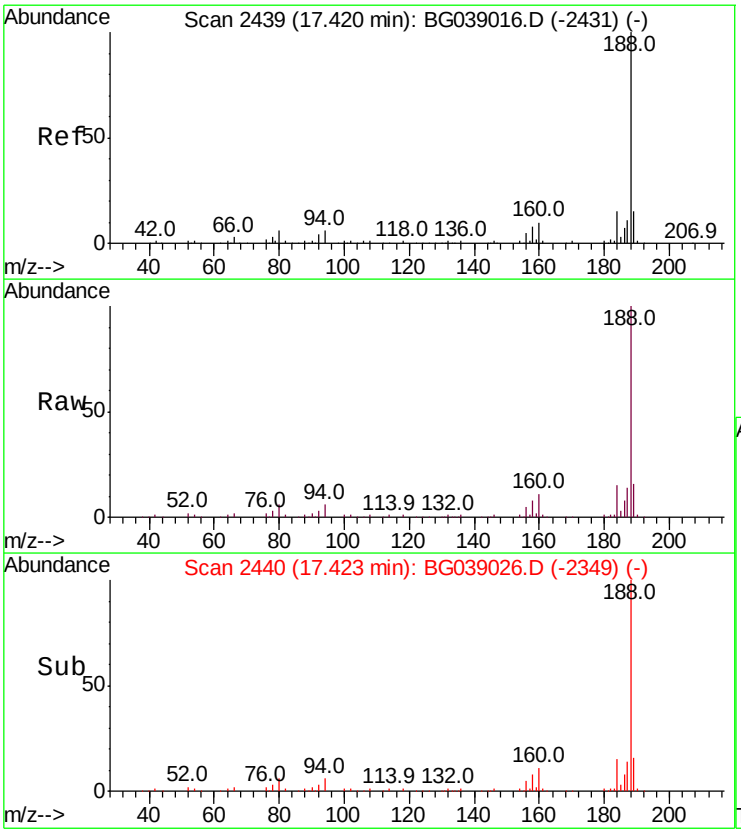
#63
Azobenzene
Concen: 0.093 ng
RT: 16.17 min Scan# 2226
Delta R.T. 0.17 min
Lab File: BG039026.D
Acq: 9 Jan 2019 18:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 335

Ion	Ratio	Lower	Upper
77	100		
182	0.0	12.2	52.2#
105	0.0	1.2	41.2#
51	88.0	13.4	53.4#

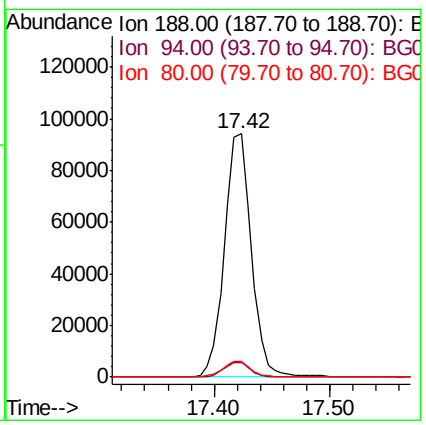


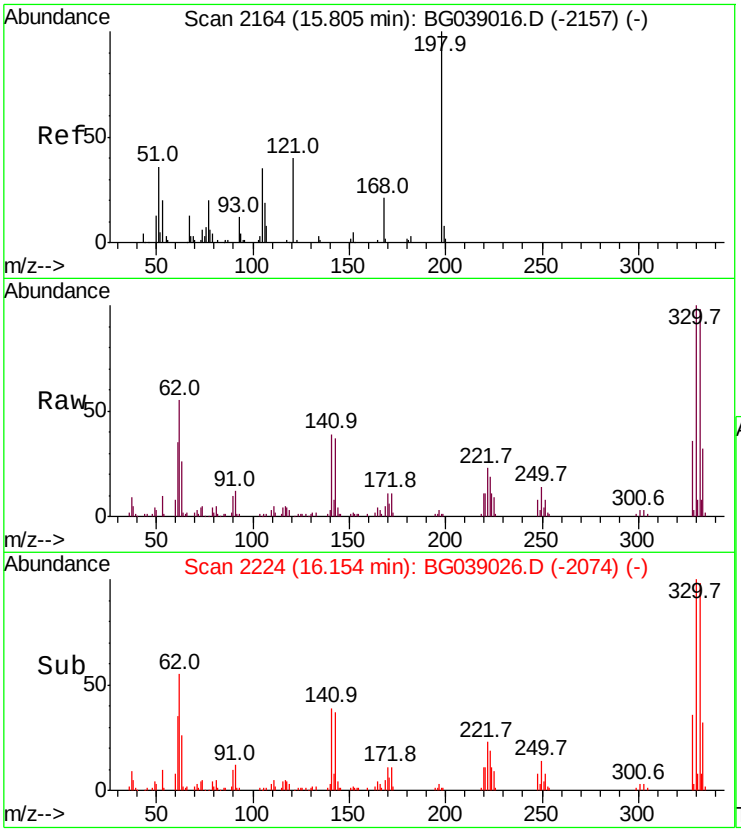


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. 0.00 min
Lab File: BG039026.D
Acq: 9 Jan 2019 18:31

Tgt Ion:188 Resp: 152184

Ion	Ratio	Lower	Upper
188	100		
94	5.9	5.0	7.4
80	6.4	4.7	7.1



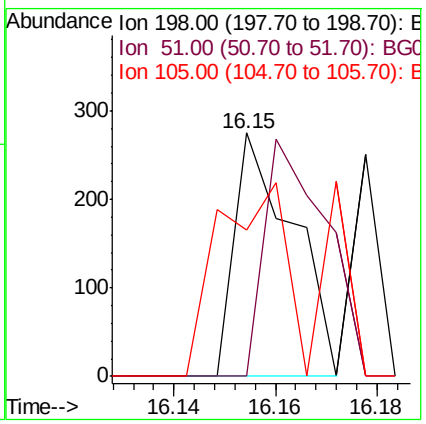


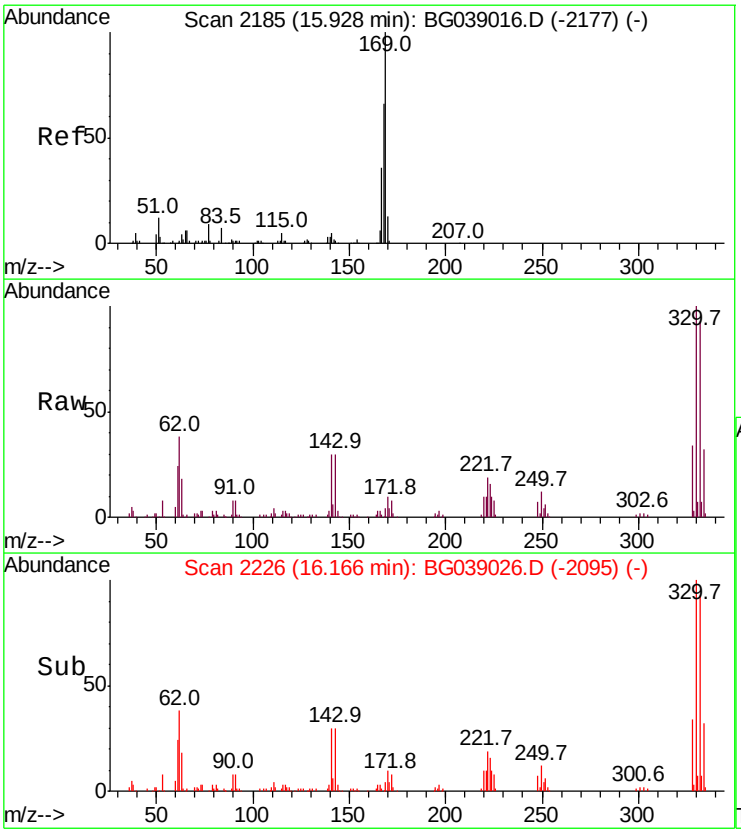
#65
4,6-Dinitro-2-methylphenol
Concen: 0.194 ng
RT: 16.15 min Scan# 2224
Delta R.T. 0.35 min
Lab File: BG039026.D
Acq: 9 Jan 2019 18:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 219

Ion	Ratio	Lower	Upper
198	100		
51	0.0	20.8	60.8#
105	21.3	16.1	56.1

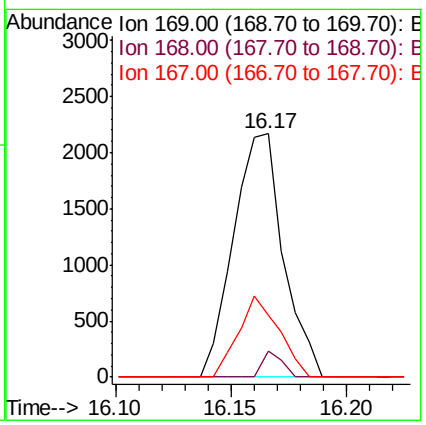


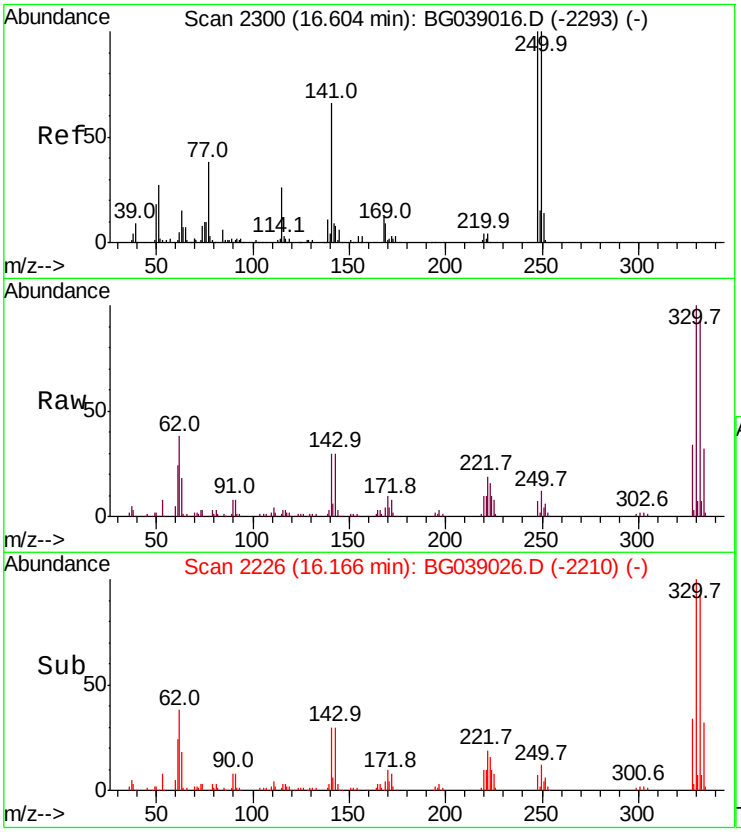


#66
n-Nitrosodiphenylamine
Concen: 0.723 ng
RT: 16.17 min Scan# 2226
Delta R.T. 0.24 min
Lab File: BG039026.D
Acq: 9 Jan 2019 18:31

Tgt Ion:169 Resp: 3261

Ion	Ratio	Lower	Upper
169	100		
168	10.5	53.2	79.8#
167	36.1	29.1	43.7



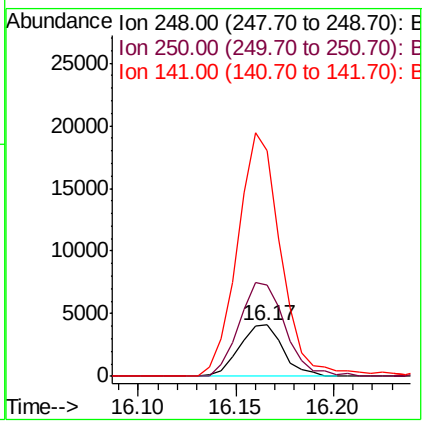


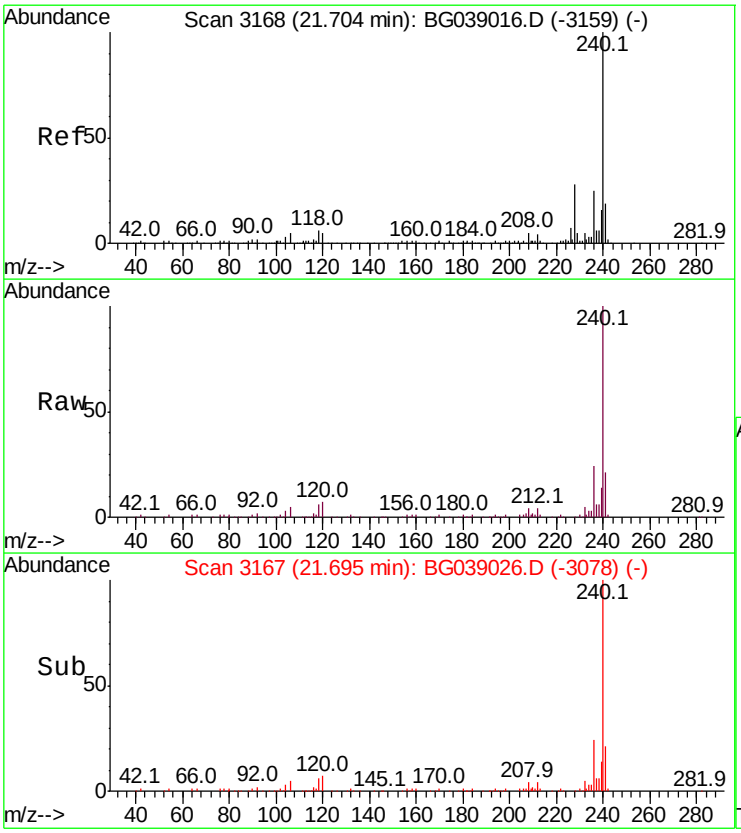
#67
4-Bromophenyl-phenylether
Concen: 3.245 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.44 min
Lab File: BG039026.D
Acq: 9 Jan 2019 18:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 6348

Ion	Ratio	Lower	Upper
248	100		
250	177.4	79.9	119.9#
141	329.2	52.7	79.1#

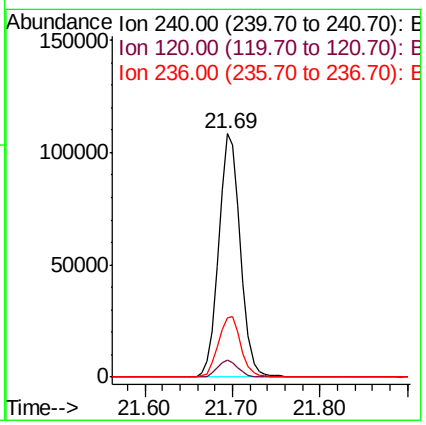


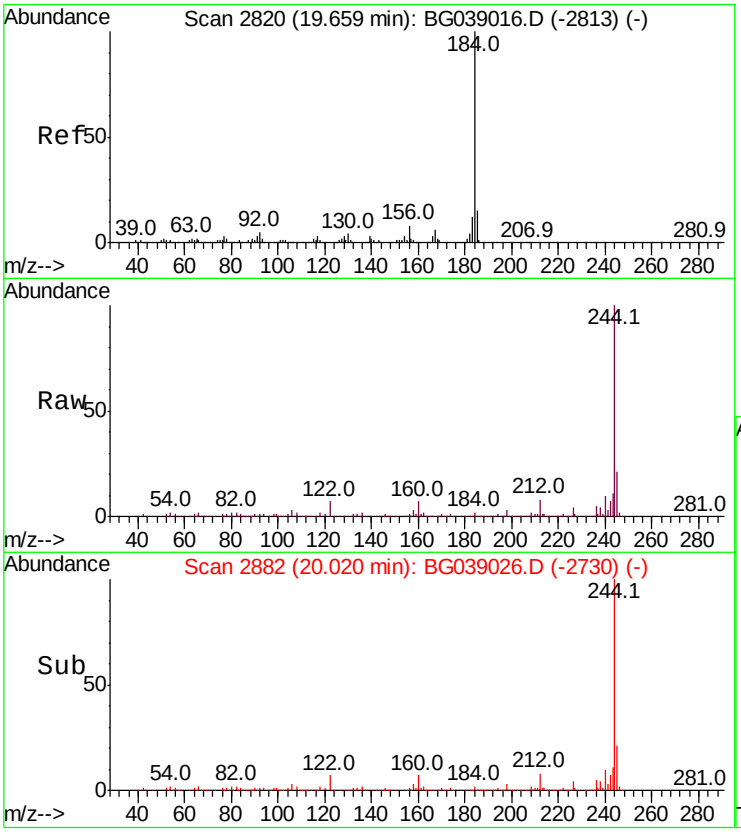


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3167
Delta R.T. -0.01 min
Lab File: BG039026.D
Acq: 9 Jan 2019 18:31

Tgt Ion:240 Resp: 185191

Ion	Ratio	Lower	Upper
240	100		
120	6.9	4.3	6.5#
236	24.3	20.1	30.1



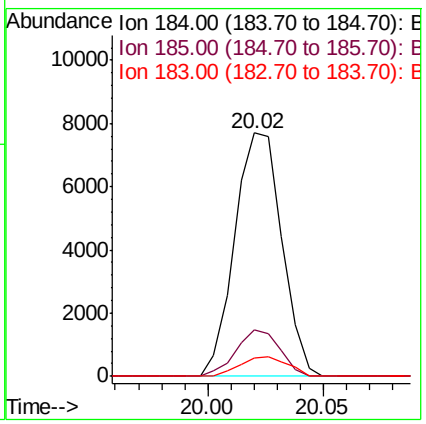


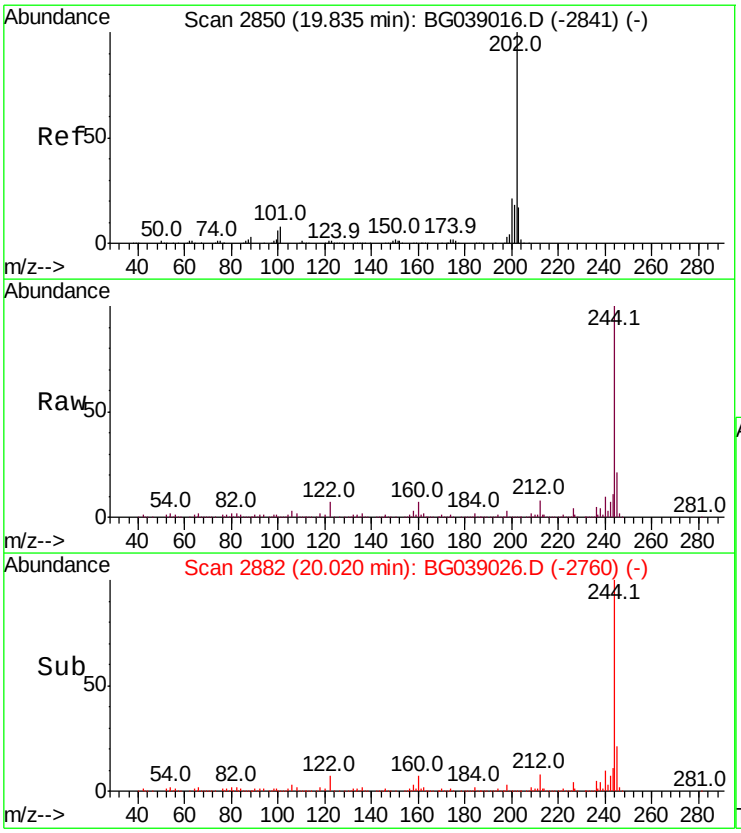
#77
Benzidine
Concen: 1.935 ng
RT: 20.02 min Scan# 2882
Delta R.T. 0.36 min
Lab File: BG039026.D
Acq: 9 Jan 2019 18:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 10962

Ion	Ratio	Lower	Upper
184	100		
185	19.1	12.1	18.1#
183	7.5	9.5	14.3#

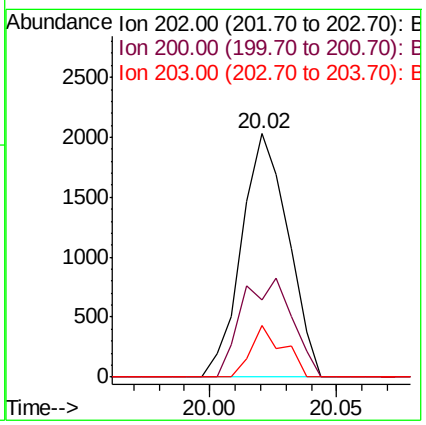


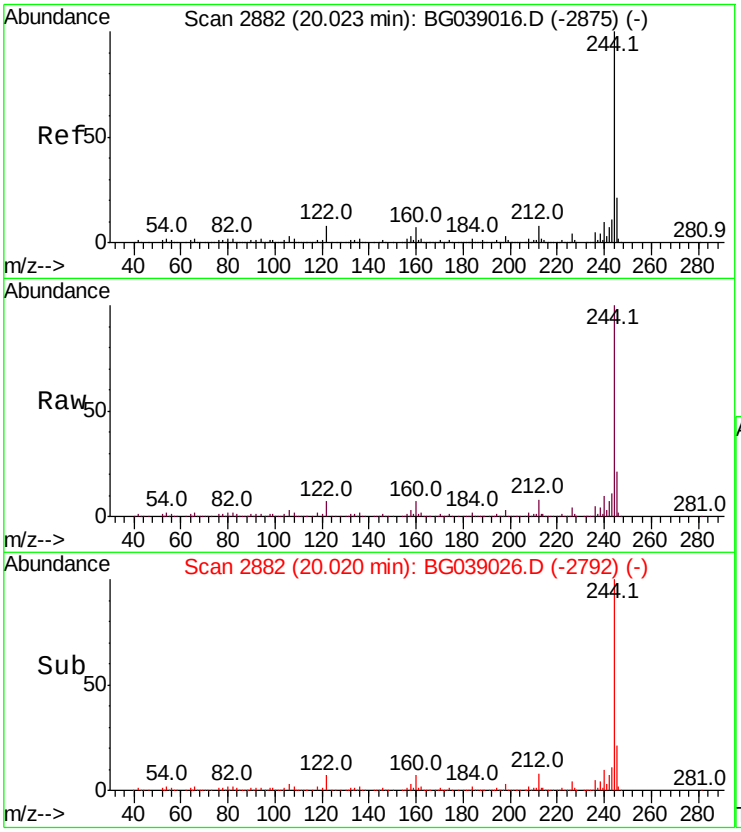


#78
Pyrene
Concen: 0.219 ng
RT: 20.02 min Scan# 2882
Delta R.T. 0.19 min
Lab File: BG039026.D
Acq: 9 Jan 2019 18:31

Tgt Ion:202 Resp: 2584

Ion	Ratio	Lower	Upper
202	100		
200	31.8	17.0	25.6#
203	21.4	14.0	21.0#



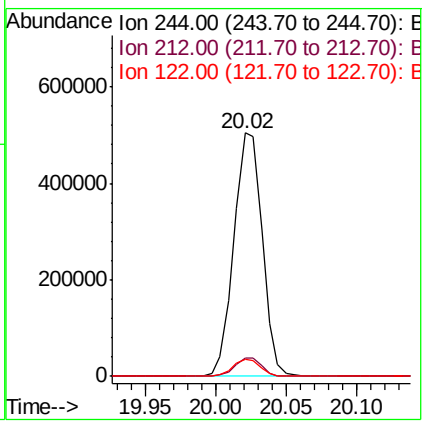


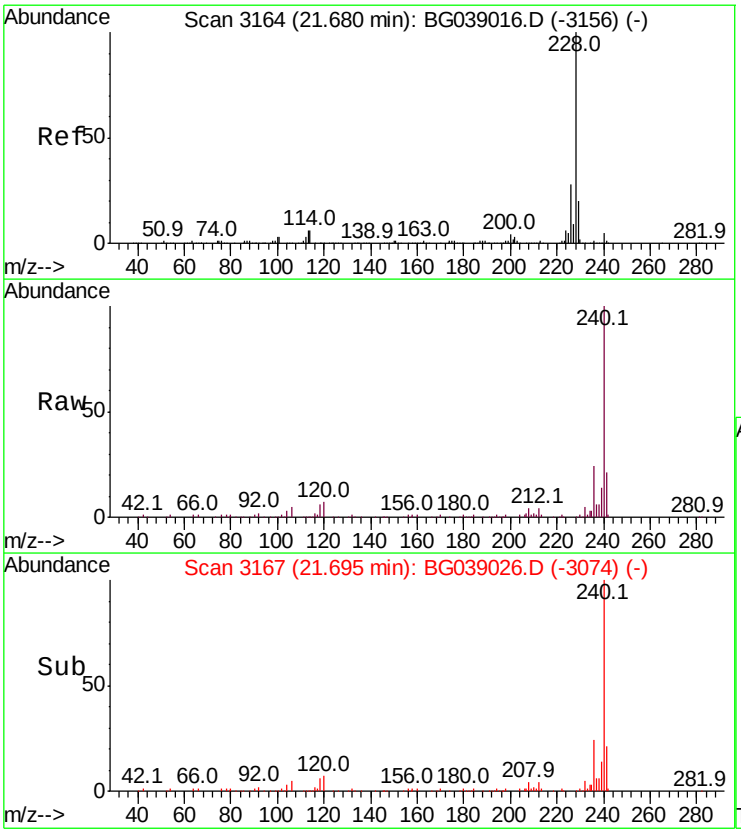
#79
Terphenyl-d14
Concen: 70.579 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.00 min
Lab File: BG039026.D
Acq: 9 Jan 2019 18:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 706564

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.1	9.1
122	7.1	6.1	9.1

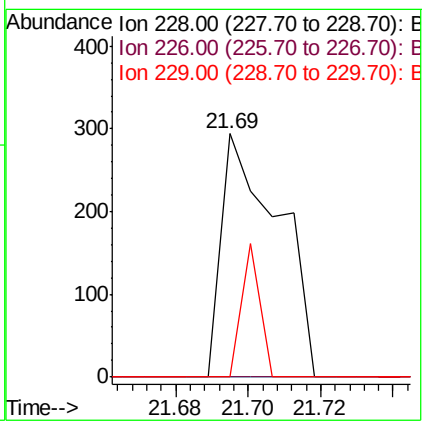


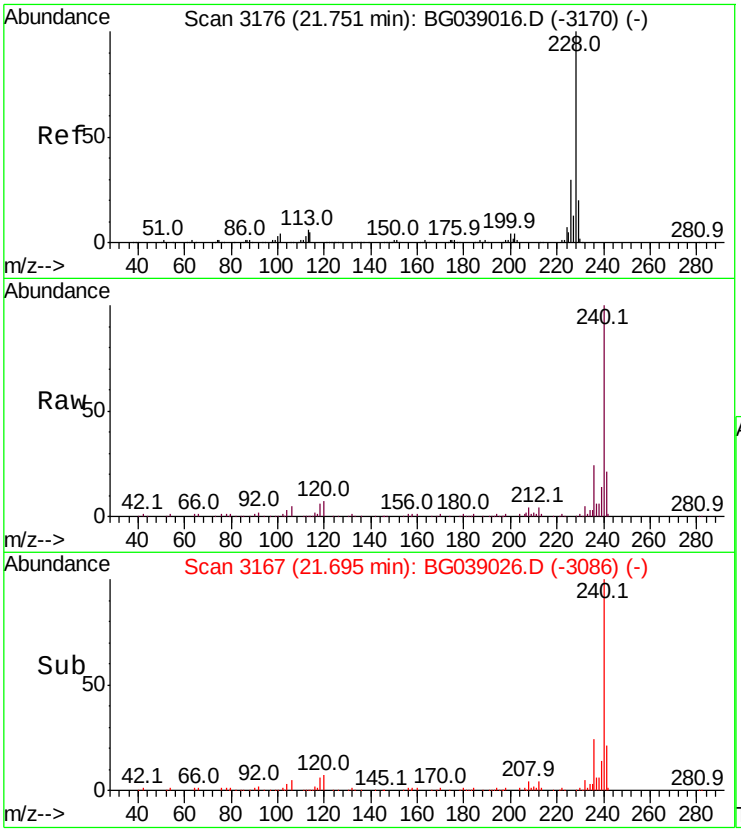


#81
Benzo(a)anthracene
Concen: 0.029 ng
RT: 21.69 min Scan# 3167
Delta R.T. 0.01 min
Lab File: BG039026.D
Acq: 9 Jan 2019 18:31

Tgt Ion:228 Resp: 322

Ion	Ratio	Lower	Upper
228	100		
226	0.0	22.4	33.6#
229	0.0	16.2	24.2#



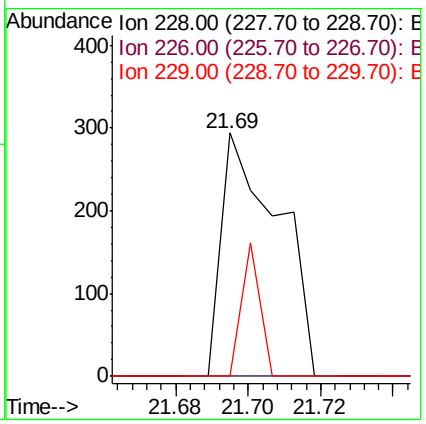


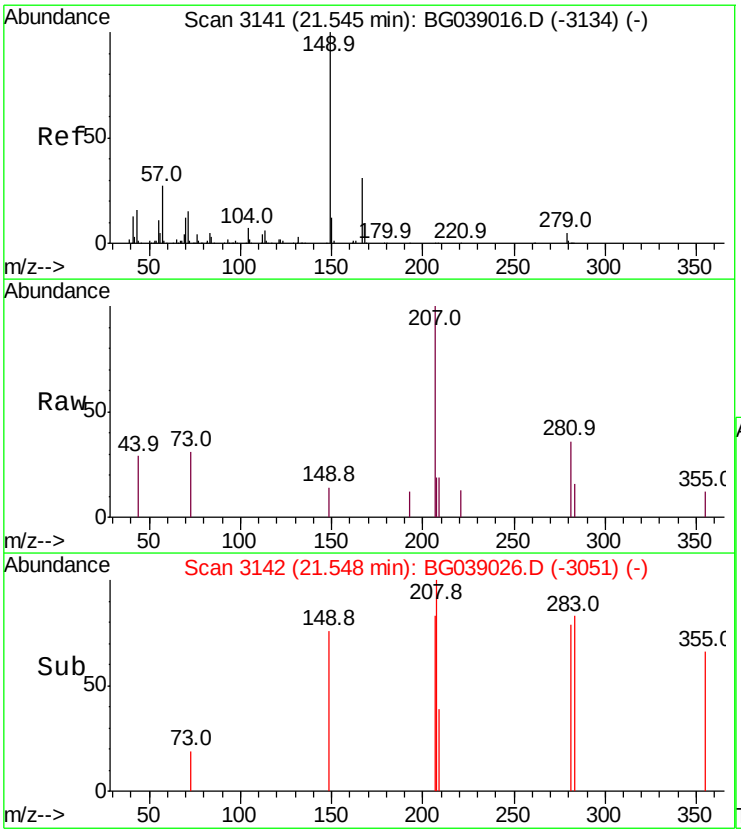
#83
Chrysene
Concen: 0.030 ng
RT: 21.69 min Scan# 3167
Delta R.T. -0.06 min
Lab File: BG039026.D
Acq: 9 Jan 2019 18:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 322

Ion	Ratio	Lower	Upper
228	100		
226	0.0	24.1	36.1#
229	0.0	16.0	24.0#

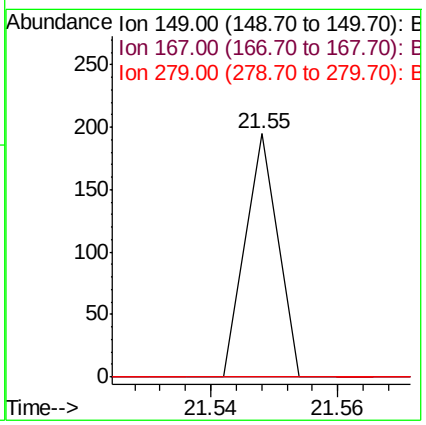


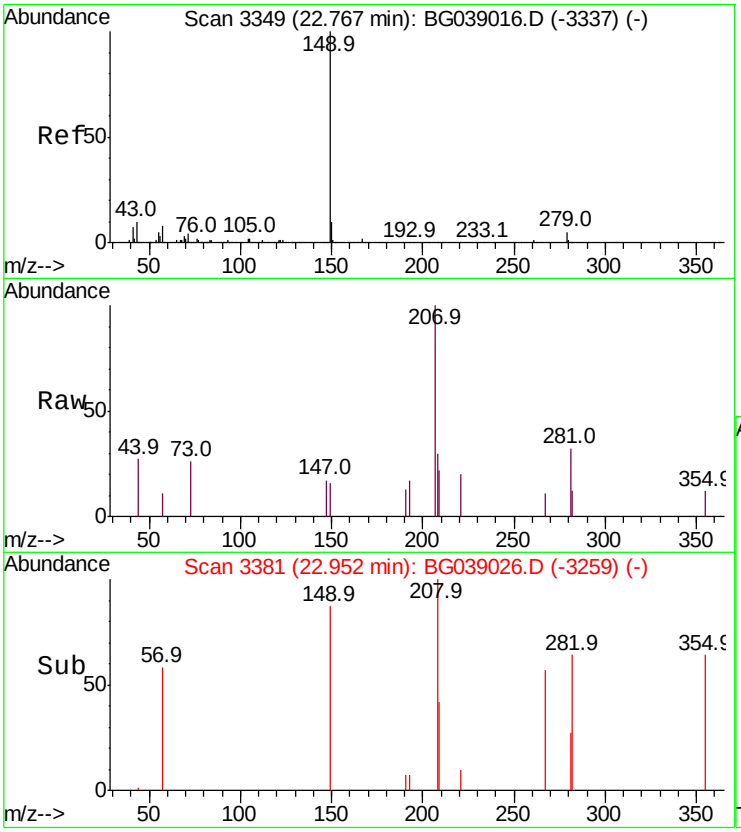


#84
Bis(2-ethylhexyl)phthalate
Concen: 0.011 ng
RT: 21.55 min Scan# 3142
Delta R.T. 0.00 min
Lab File: BG039026.D
Acq: 9 Jan 2019 18:31

Tgt Ion:149 Resp: 69

Ion	Ratio	Lower	Upper
149	100		
167	0.0	25.0	37.4#
279	0.0	4.3	6.5#



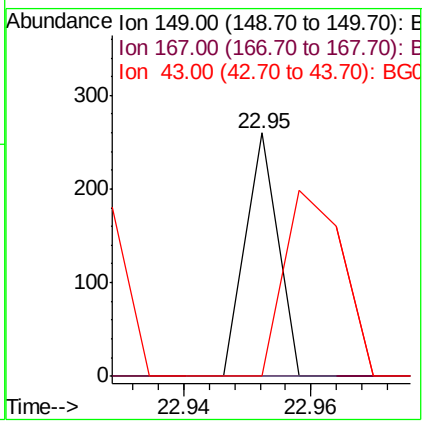


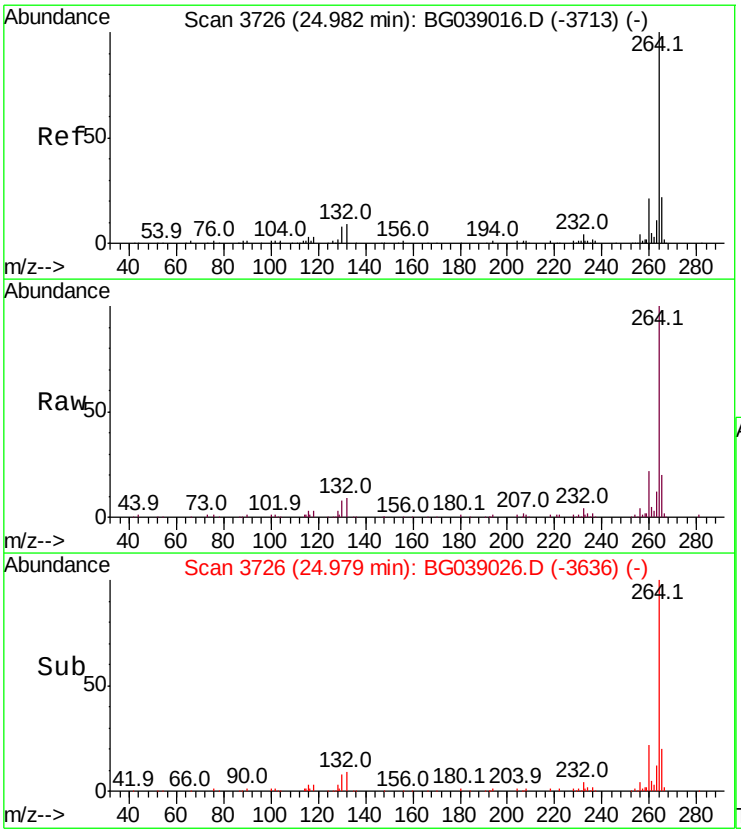
#85
Di-n-octyl phthalate
Concen: 0.009 ng
RT: 22.95 min Scan# 3381
Delta R.T. 0.19 min
Lab File: BG039026.D
Acq: 9 Jan 2019 18:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 92

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.3	1.9#
43	137.0	7.5	11.3#

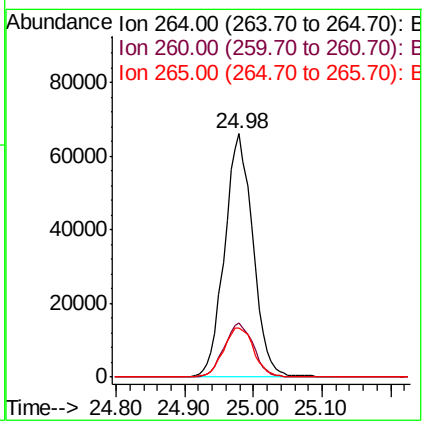


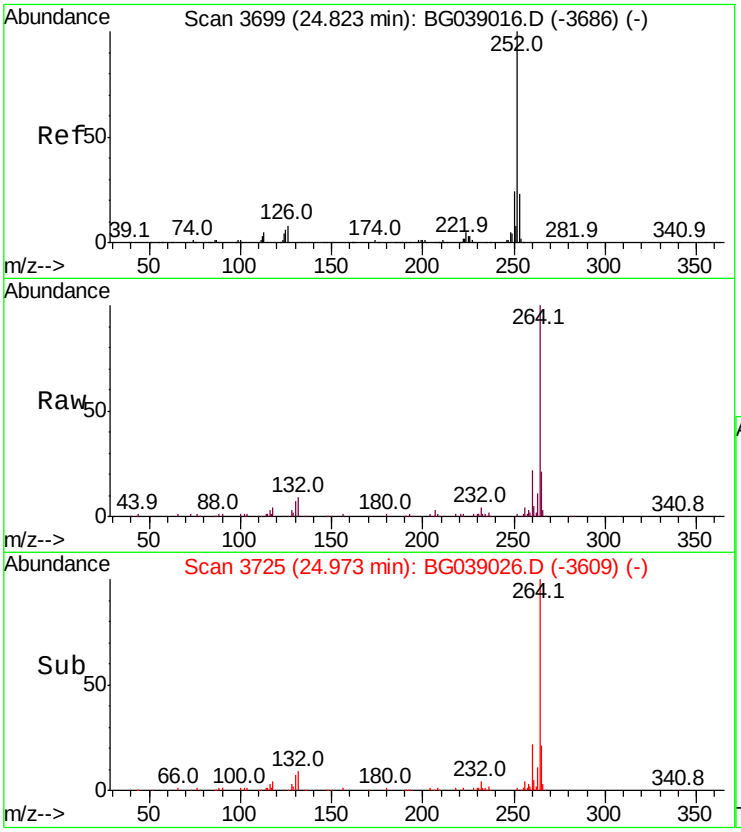


#87
Perylene-d12
Concen: 20.000 ng
RT: 24.98 min Scan# 3726
Delta R.T. -0.00 min
Lab File: BG039026.D
Acq: 9 Jan 2019 18:31

Tgt Ion:264 Resp: 189365

Ion	Ratio	Lower	Upper
264	100		
260	22.5	17.0	25.6
265	20.4	17.2	25.8





#90
Benzo(a)pyrene
Concen: 0.073 ng
RT: 24.97 min Scan# 3725
Delta R.T. 0.15 min
Lab File: BG039026.D
Acq: 9 Jan 2019 18:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 741

Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.3	27.5#
125	0.0	4.9	7.3#