Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010919\
Data File : BG039039.D
Acq On : 10 Jan 2019 3:01
Operator : JU/SJ
Sample : PB116262BL
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jan 10 04:26:05 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	20246	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	85127	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	65258	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	190751	20.00	ng	0.00
76) Chrysene-d12	21.70	240	194492	20.00	ng	0.00
87) Perylene-d12	24.98	264	205676	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	104824	98.22	ng	0.00
7) Phenol-d6	7.18	99	144945	94.37	ng	0.00
23) Nitrobenzene-d5	9.21	82	84588	54.37	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	97237	88.89	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	262854	55.12	ng	0.00
79) Terphenyl-d14	20.02	244	606842	57.72	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.76	42	69	0.135	ng	# 1
15) Benzyl Alcohol	8.35	79	1330	1.150	ng	# 57
19) n-Nitroso-di-n-propylamine	9.21	70	11262	11.166	ng	# 63
24) Nitrobenzene	9.22	77	306	0.195	ng	# 38
46) 1,1'-Biphenyl	13.52	154	258	0.050	ng	# 41
48) 2-Nitroaniline	13.28	65	230	0.196	ng	# 1
51) 2,6-Dinitrotoluene	14.67	165	9042	7.334	ng	# 26
52) Acenaphthene	14.67	154	150	0.040	ng	# 6
57) 2,4-Dinitrotoluene	14.67	165	9042	5.112	ng	# 28
58) Fluorene	16.16	166	2762	0.550	ng	# 1
63) Azobenzene	16.16	77	192	0.043	ng	# 6
65) 4,6-Dinitro-2-methylphenol	16.16	198	200	0.142	ng	# 70
66) n-Nitrosodiphenylamine	16.16	169	2870	0.508	ng	# 45
67) 4-Bromophenyl-phenylether	16.16	248	6300	2.569	ng	# 1
77) Benzidine	20.02	184	9595	1.613	ng	# 93
78) Pyrene	20.02	202	2256	0.182	ng	# 68
81) Benzo(a)anthracene	21.70	228	472	0.040	ng	# 51
83) Chrysene	21.70	228	472	0.042	ng	# 49
84) Bis(2-ethylhexyl)phthalate	21.54	149	127	0.019	ng	# 49
85) Di-n-octyl phthalate	22.77	149	349	0.032	ng	# 82
86) Indeno(1,2,3-cd)pyrene	28.73	276	69	0.005	ng	# 56
90) Benzo(a)pyrene	24.98	252	486	0.044	ng	# 59
91) Dibenzo(a,h)anthracene	28.81	278	69	0.006	ng	# 58

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010919\
Data File : BG039039.D
Acq On : 10 Jan 2019 3:01
Operator : JU/SJ
Sample : PB116262BL
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jan 10 04:26:05 2019
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 09 14:23:53 2019
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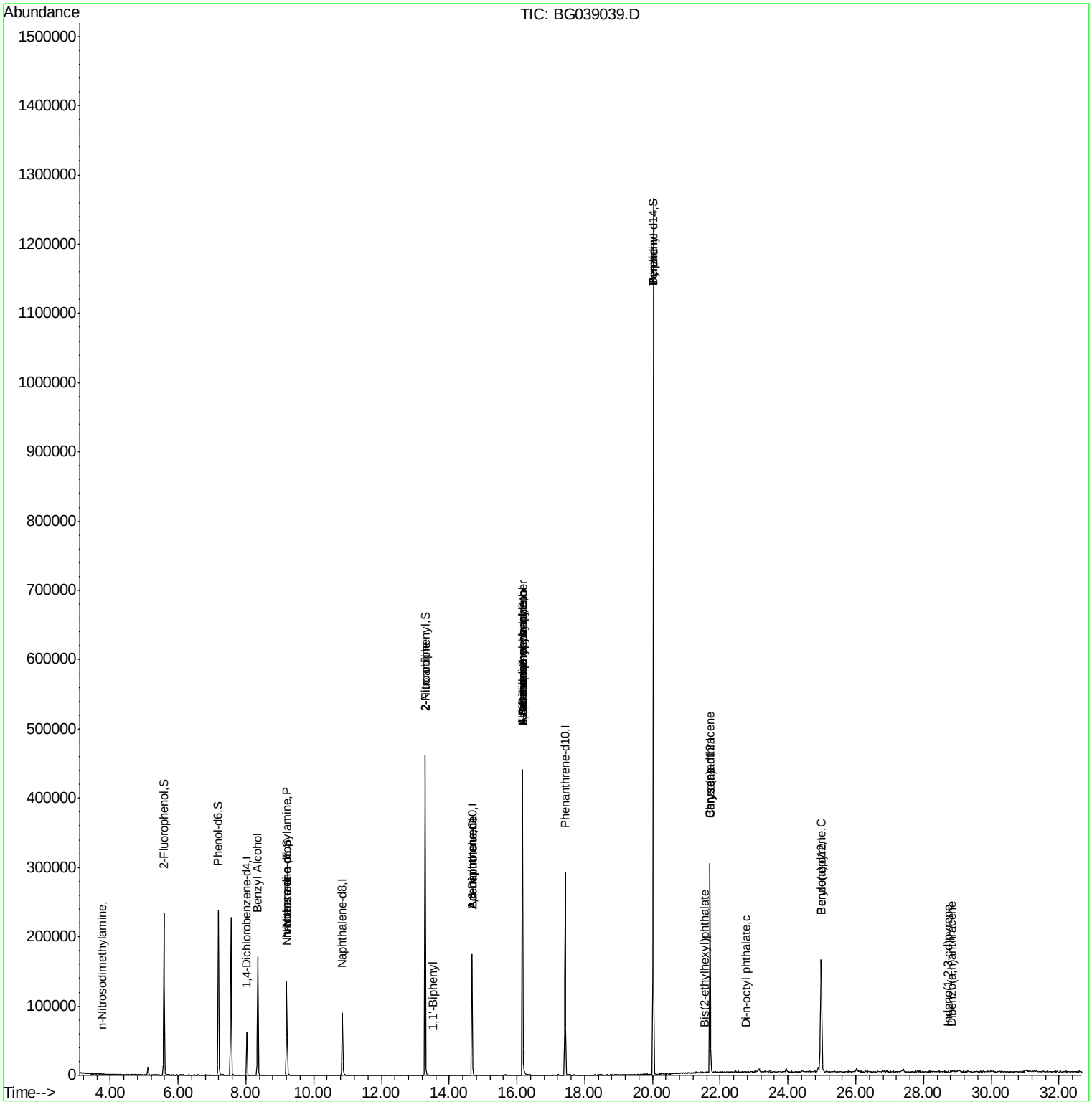
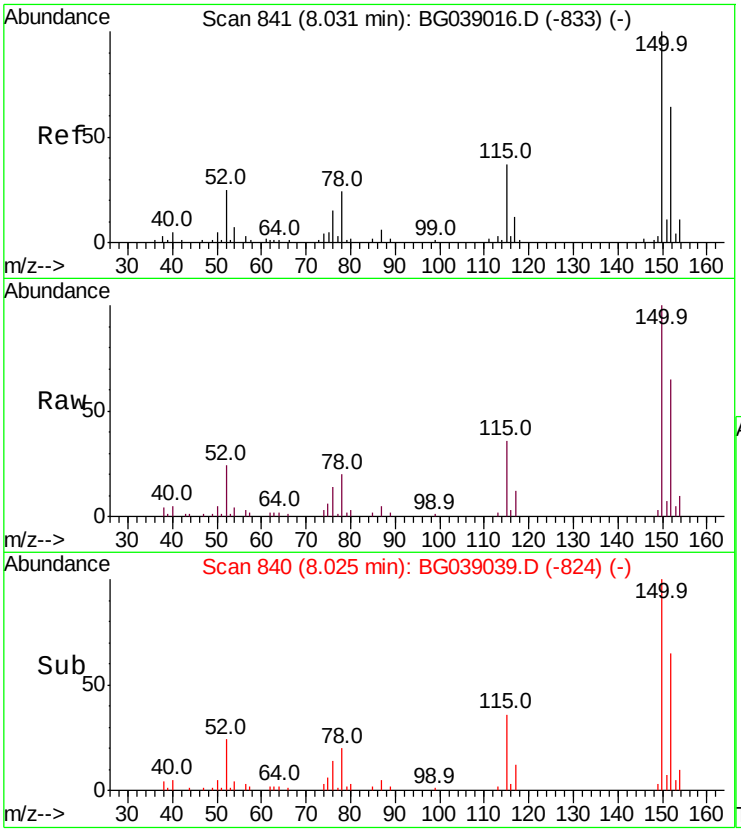


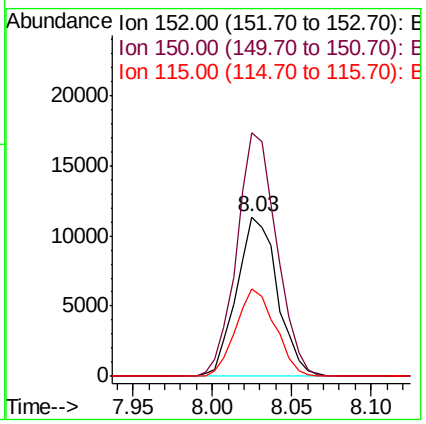


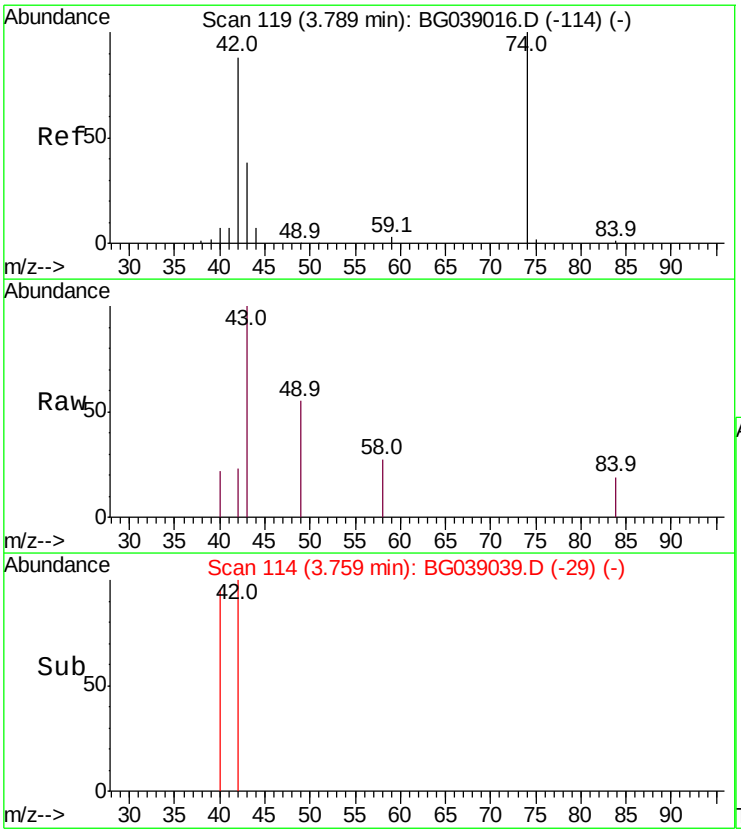
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG039039.D
Acq: 10 Jan 2019 3:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 20246

Ion	Ratio	Lower	Upper
152	100		
150	152.8	124.7	187.1
115	54.8	46.5	69.7

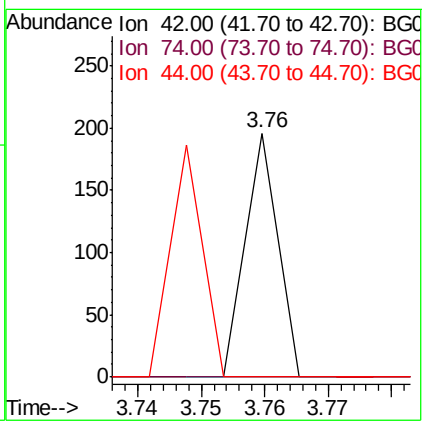


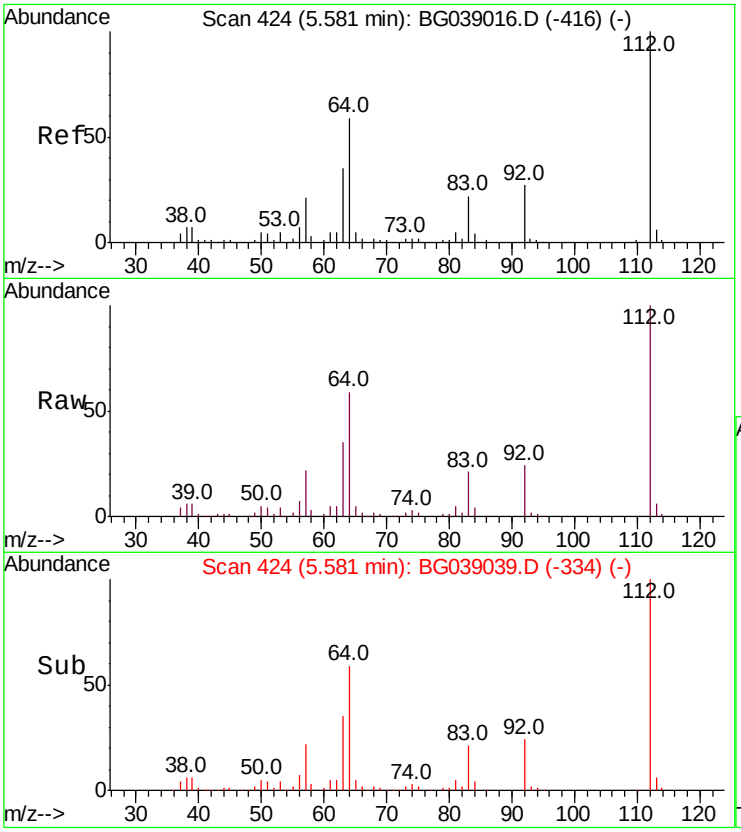


#4
n-Nitrosodimethylamine
Concen: 0.135 ng
RT: 3.76 min Scan# 114
Delta R.T. -0.03 min
Lab File: BG039039.D
Acq: 10 Jan 2019 3:01

Tgt Ion: 42 Resp: 69

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



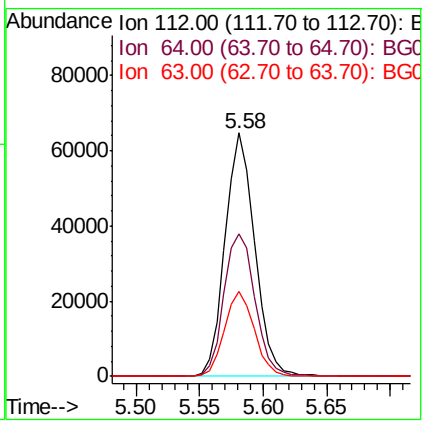


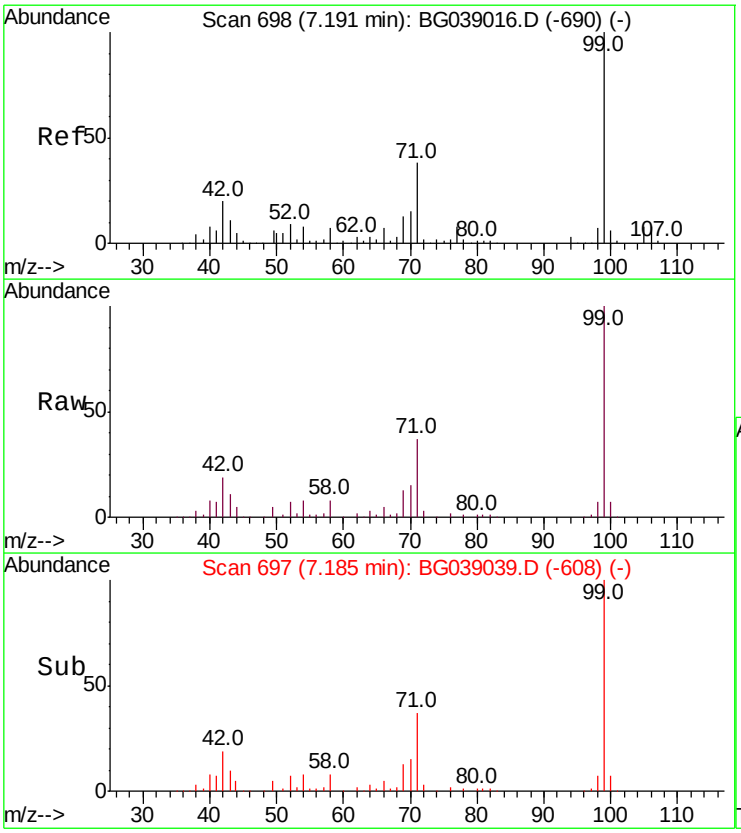
#5
2-Fluorophenol
Concen: 98.217 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG039039.D
Acq: 10 Jan 2019 3:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 104824

Ion	Ratio	Lower	Upper
112	100		
64	58.6	47.0	70.6
63	35.0	28.0	42.0

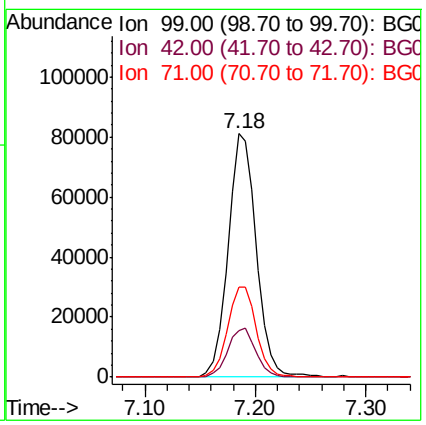


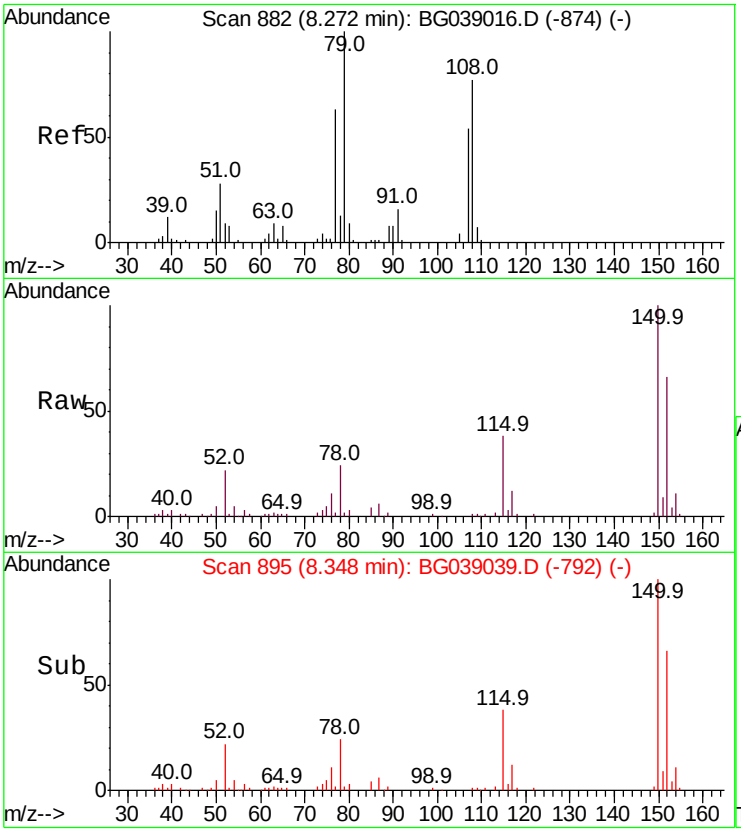


#7
Phenol-d6
Concen: 94.368 ng
RT: 7.18 min Scan# 697
Delta R.T. -0.01 min
Lab File: BG039039.D
Acq: 10 Jan 2019 3:01

Tgt Ion: 99 Resp: 144945

Ion	Ratio	Lower	Upper
99	100		
42	19.3	15.8	23.6
71	36.9	30.2	45.4



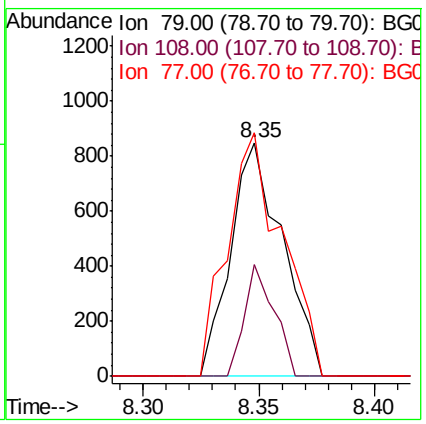


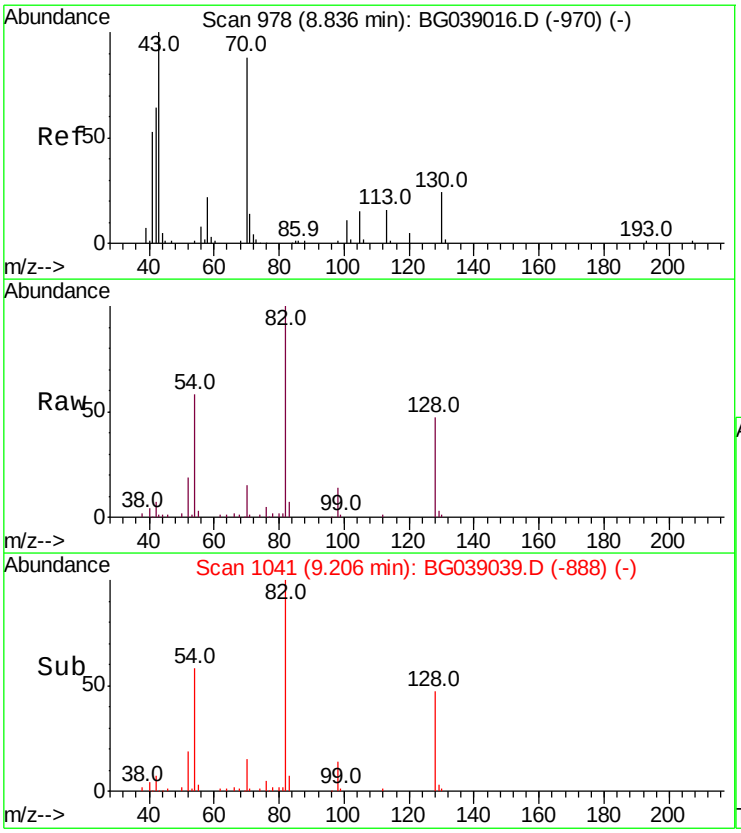
#15
Benzyl Alcohol
Concen: 1.150 ng
RT: 8.35 min Scan# 895
Delta R.T. 0.08 min
Lab File: BG039039.D
Acq: 10 Jan 2019 3:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 79 Resp: 1330

Ion	Ratio	Lower	Upper
79	100		
108	47.8	62.0	93.0#
77	104.1	50.1	75.1#

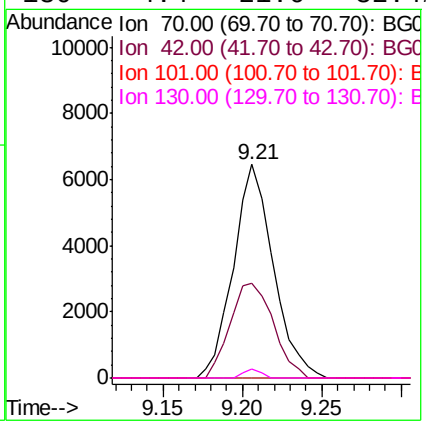


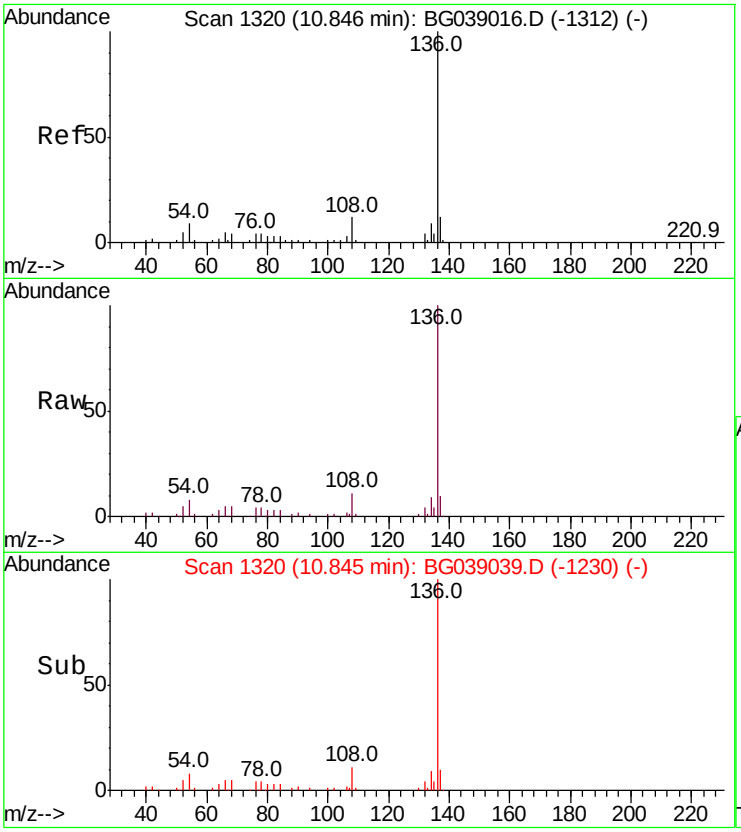


#19
n-Nitroso-di-n-propylamine
Concen: 11.166 ng
RT: 9.21 min Scan# 1041
Delta R.T. 0.37 min
Lab File: BG039039.D
Acq: 10 Jan 2019 3:01

Tgt Ion: 70 Resp: 11262

Ion	Ratio	Lower	Upper
70	100		
42	44.5	59.0	88.4#
101	0.0	10.4	15.6#
130	4.4	21.6	32.4#



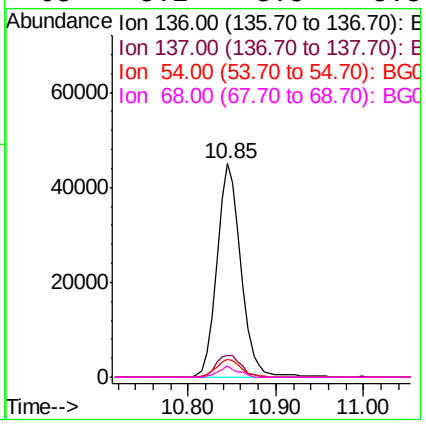


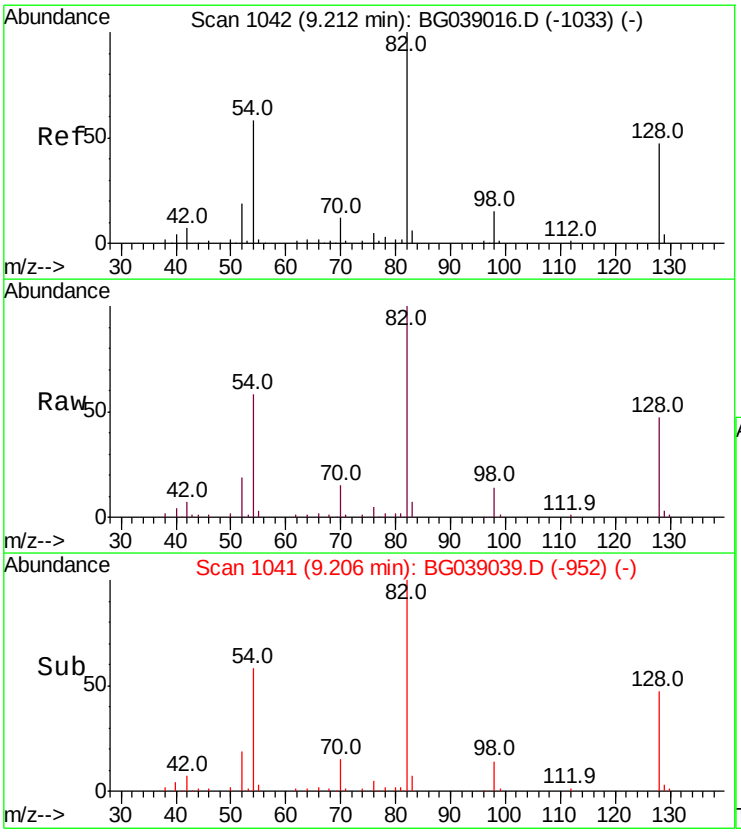
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BG039039.D
Acq: 10 Jan 2019 3:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 85127

Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.4	14.2
54	8.2	7.2	10.8
68	5.2	3.5	5.3

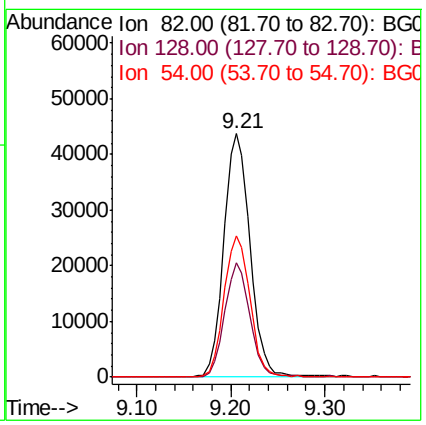


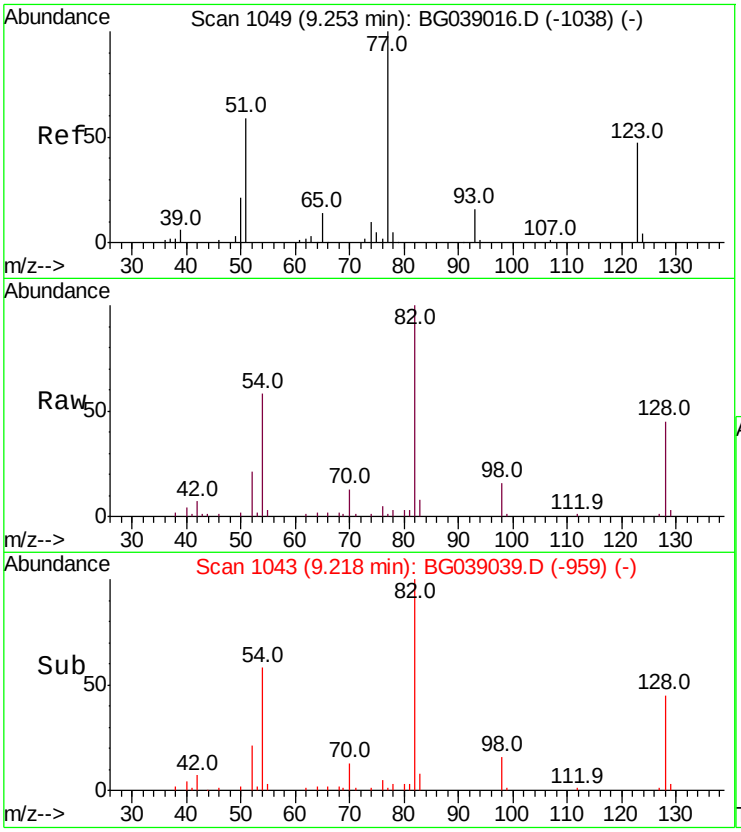


#23
Nitrobenzene-d5
Concen: 54.373 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG039039.D
Acq: 10 Jan 2019 3:01

Tgt Ion: 82 Resp: 84588

Ion	Ratio	Lower	Upper
82	100		
128	47.1	37.3	55.9
54	57.9	46.4	69.6

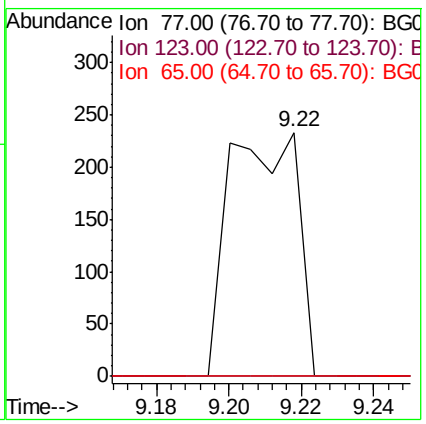




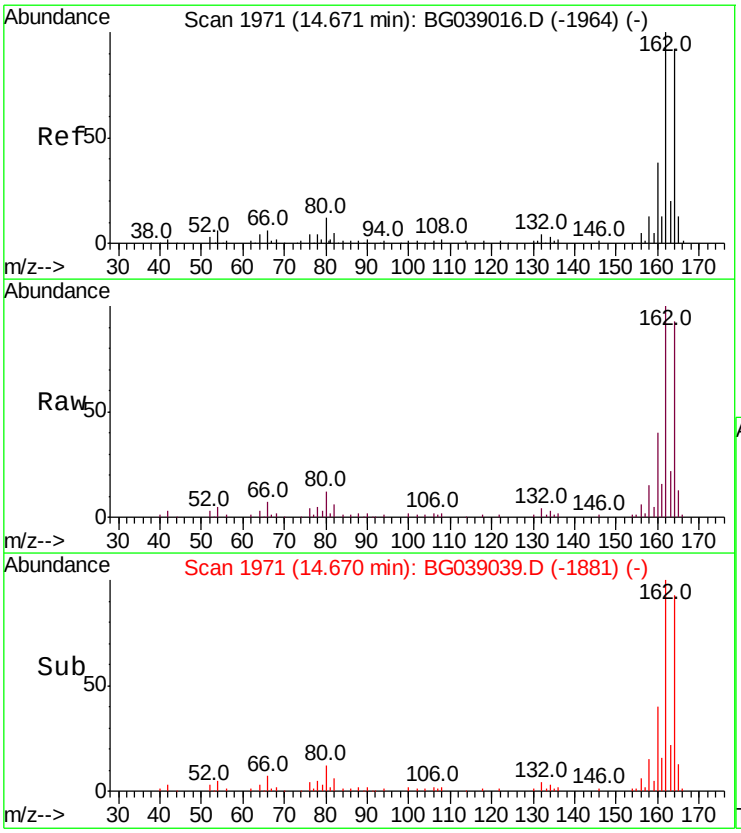
#24
Nitrobenzene
Concen: 0.195 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.04 min
Lab File: BG039039.D
Acq: 10 Jan 2019 3:01

Tgt Ion: 77 Resp: 306

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



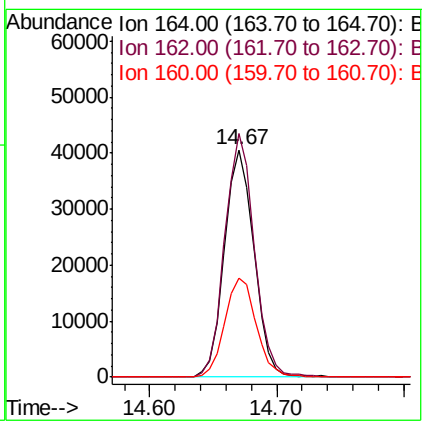
Instrument :
BNA_G
ClientSampleId :

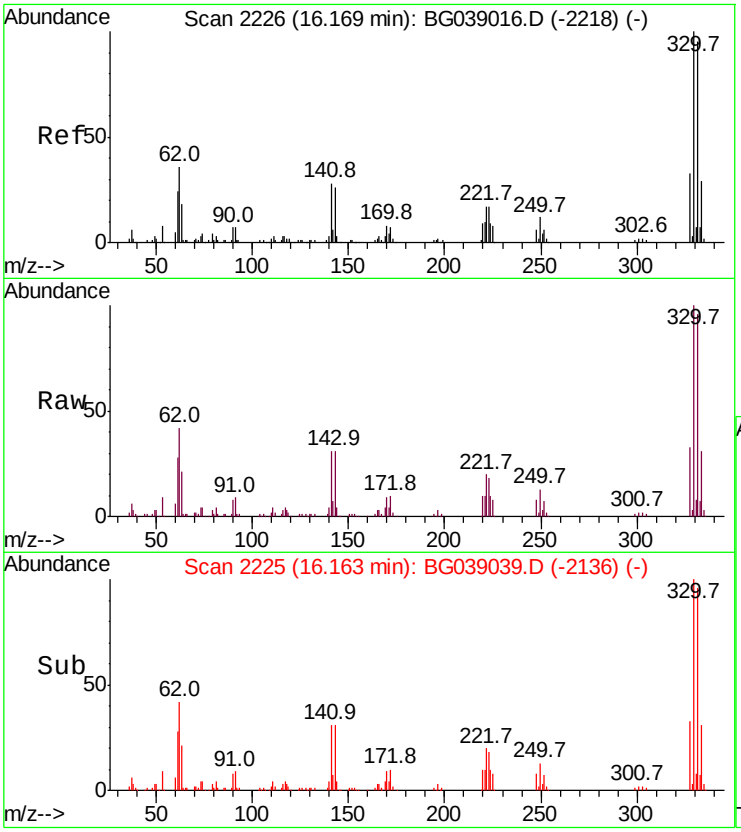


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.00 min
Lab File: BG039039.D
Acq: 10 Jan 2019 3:01

Tgt Ion:164 Resp: 65258

Ion	Ratio	Lower	Upper
164	100		
162	107.0	87.2	130.8
160	43.3	33.3	49.9



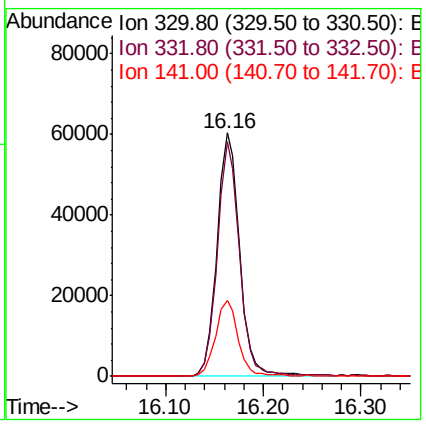


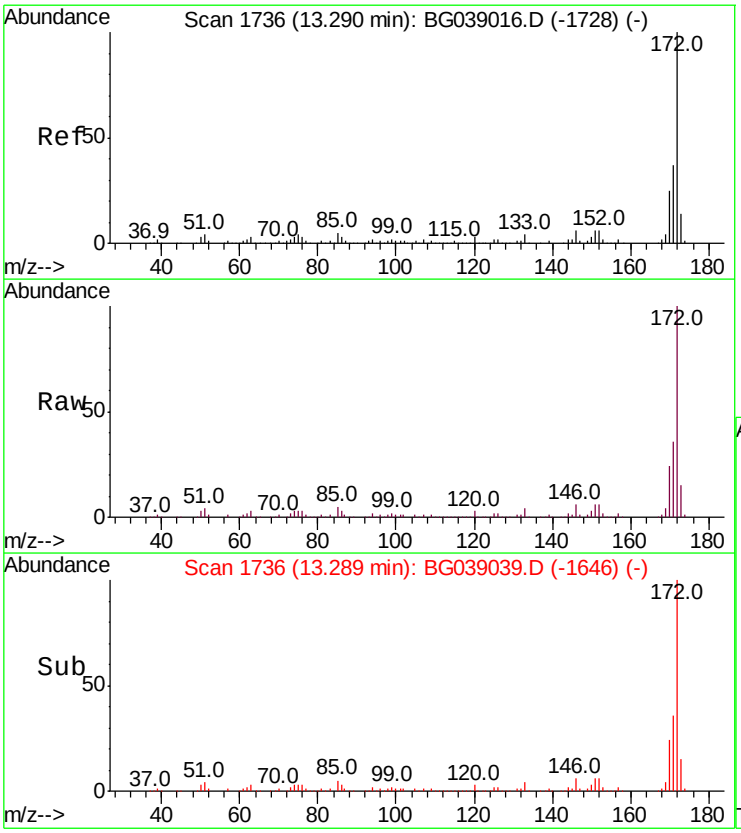
#42
2,4,6-Tribromophenol
Concen: 88.890 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BG039039.D
Acq: 10 Jan 2019 3:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 97237

Ion	Ratio	Lower	Upper
330	100		
332	95.2	75.7	113.5
141	31.1	24.9	37.3

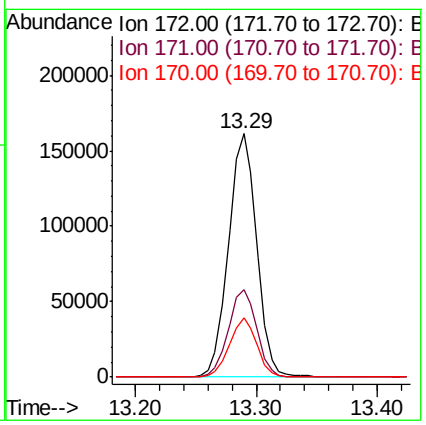


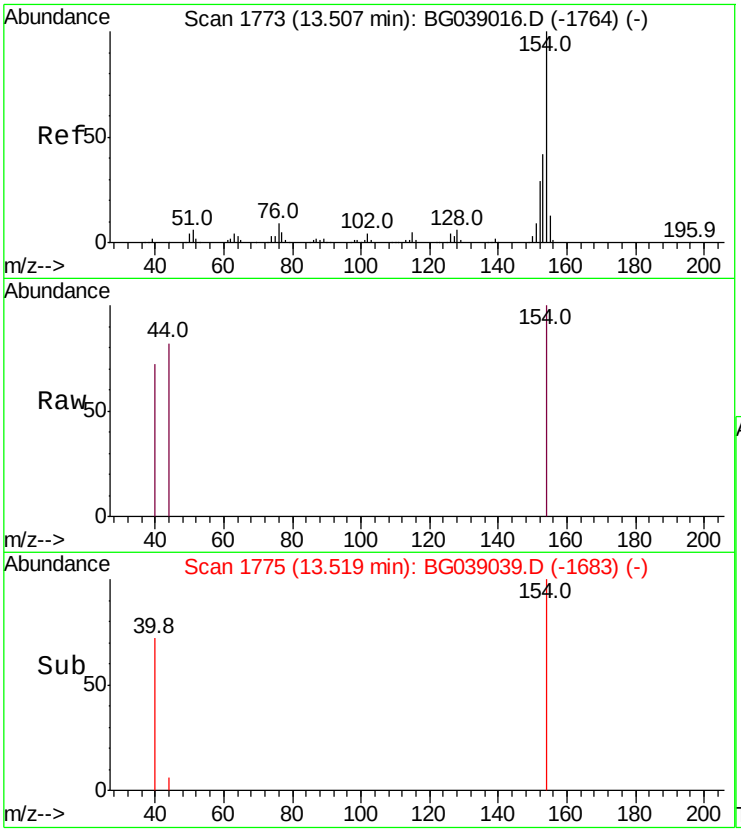


#45
2-Fluorobiphenyl
Concen: 55.125 ng
RT: 13.29 min Scan# 1736
Delta R.T. -0.00 min
Lab File: BG039039.D
Acq: 10 Jan 2019 3:01

Tgt Ion:172 Resp: 262854

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.4	44.0
170	24.3	20.1	30.1



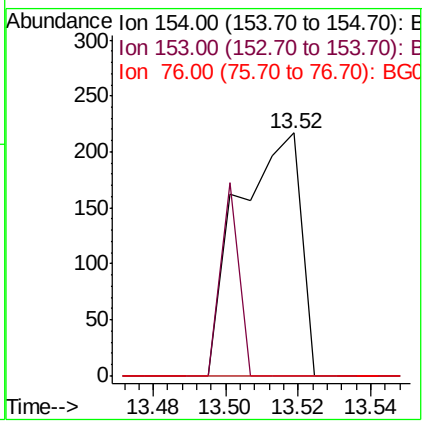


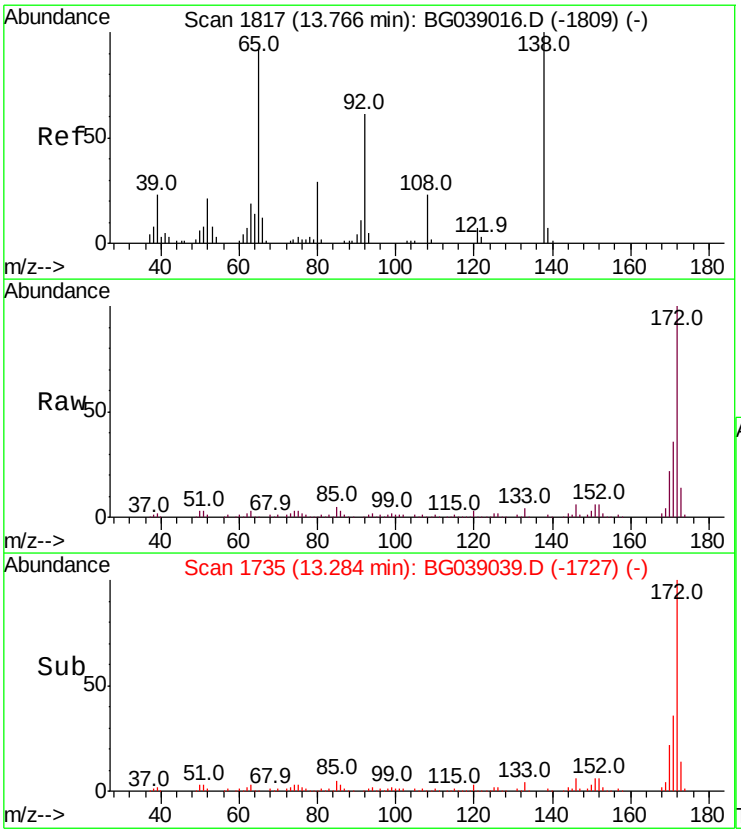
#46
1,1'-Biphenyl
Concen: 0.050 ng
RT: 13.52 min Scan# 1775
Delta R.T. 0.01 min
Lab File: BG039039.D
Acq: 10 Jan 2019 3:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:154 Resp: 258

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

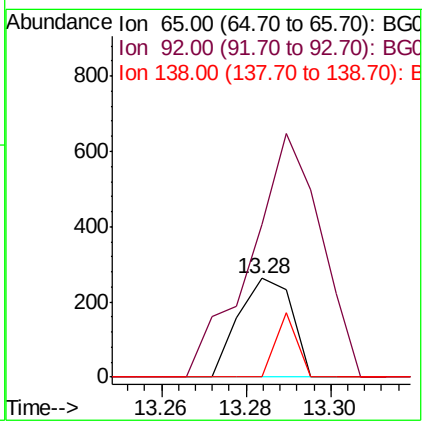


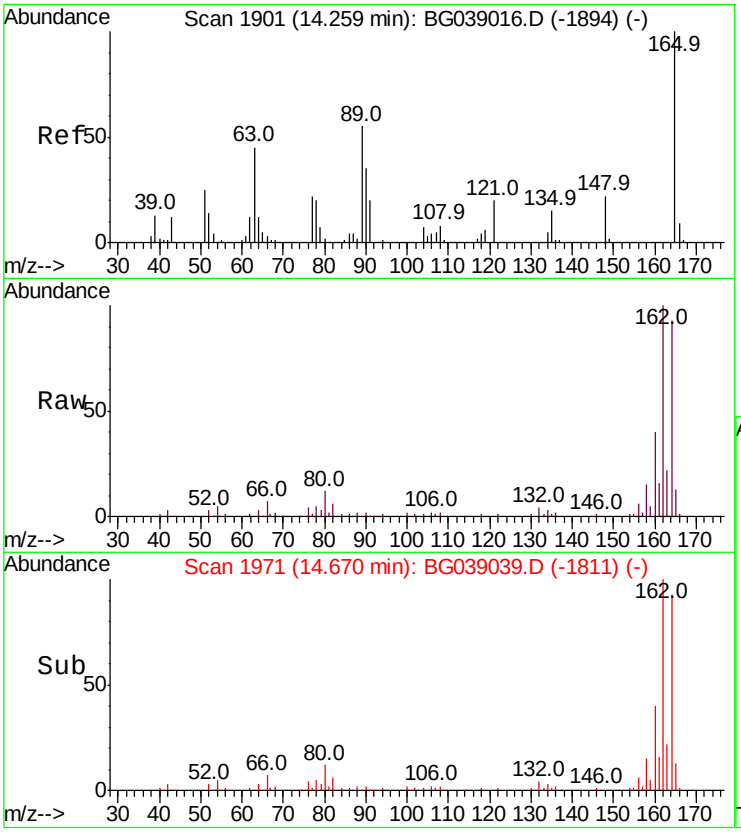


#48
2-Nitroaniline
Concen: 0.196 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.48 min
Lab File: BG039039.D
Acq: 10 Jan 2019 3:01

Tgt Ion: 65 Resp: 230

Ion	Ratio	Lower	Upper
65	100		
92	154.4	52.2	78.4#
138	0.0	86.0	129.0#



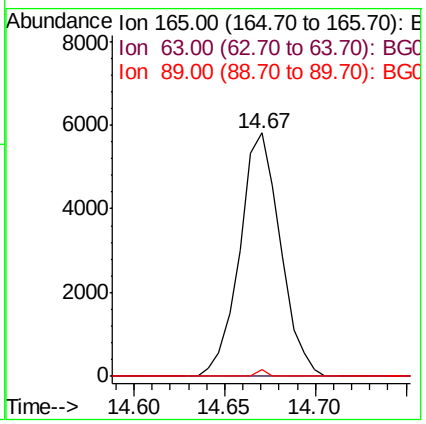


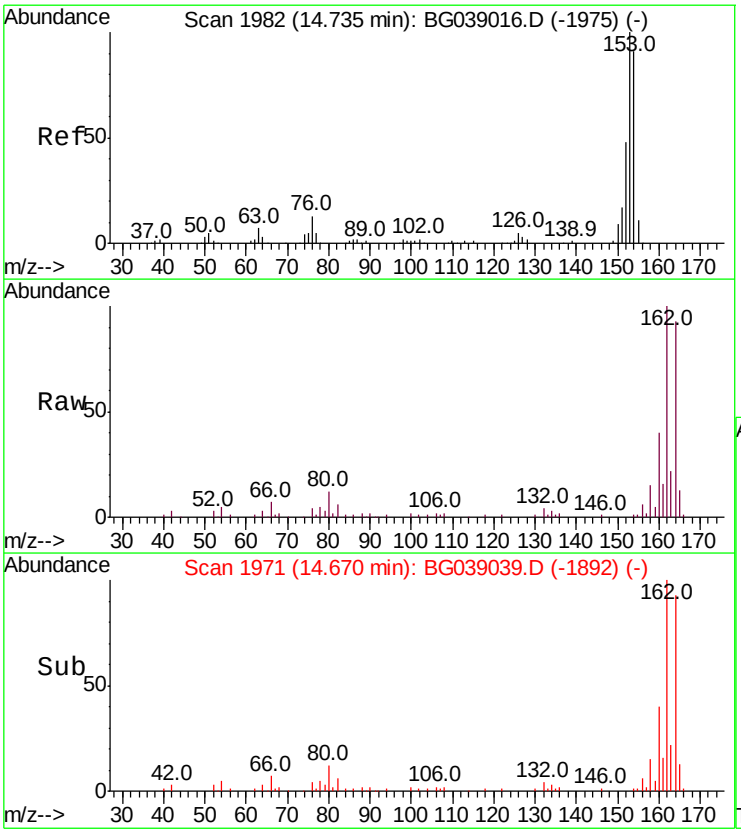
#51
2,6-Dinitrotoluene
Concen: 7.334 ng
RT: 14.67 min Scan# 1971
Delta R.T. 0.41 min
Lab File: BG039039.D
Acq: 10 Jan 2019 3:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 9042

Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.6	65.4#
89	2.8	43.7	65.5#

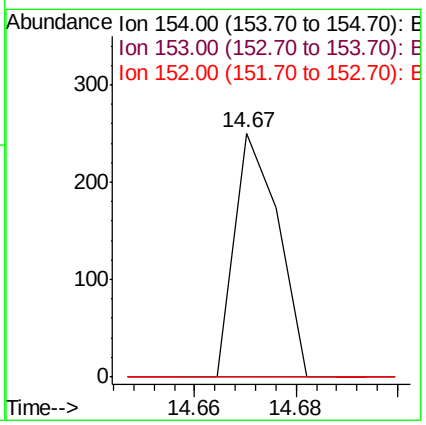


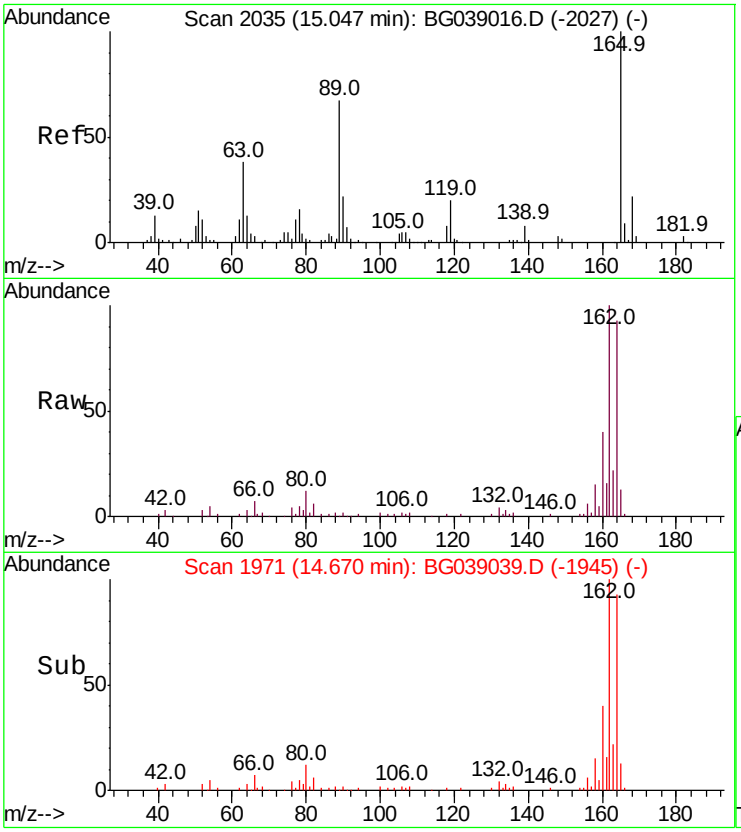


#52
Acenaphthene
Concen: 0.040 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.07 min
Lab File: BG039039.D
Acq: 10 Jan 2019 3:01

Tgt Ion:154 Resp: 150

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



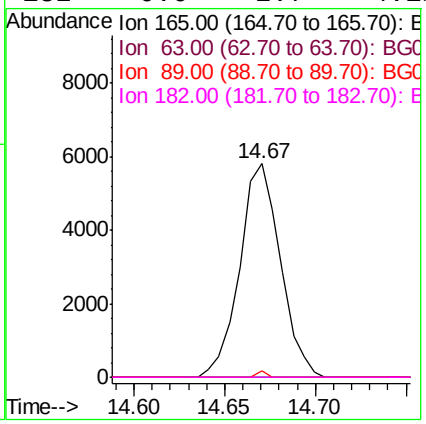


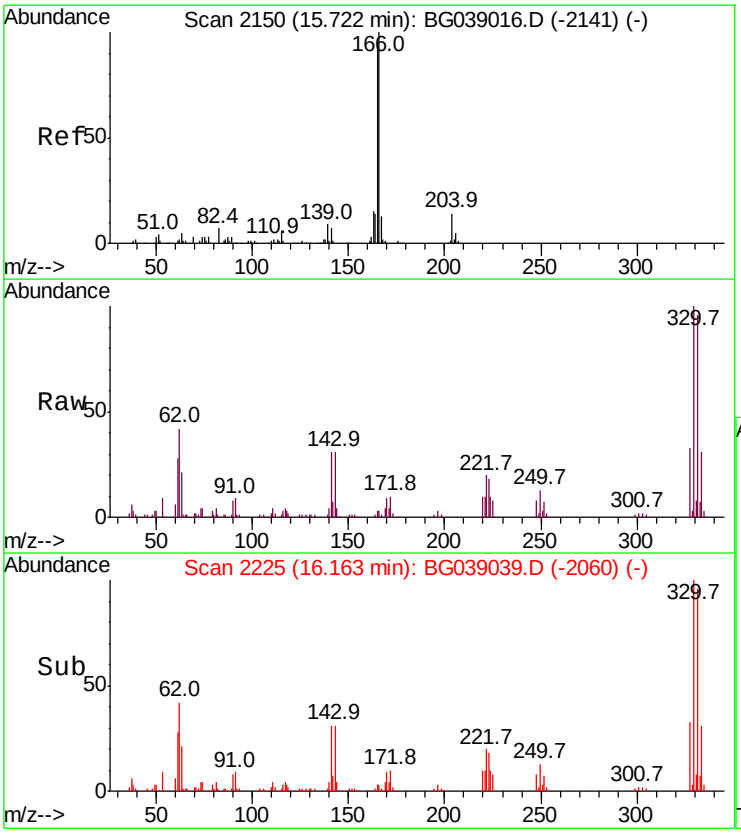
#57
2,4-Dinitrotoluene
Concen: 5.112 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.38 min
Lab File: BG039039.D
Acq: 10 Jan 2019 3:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 9042

Ion	Ratio	Lower	Upper
165	100		
63	0.0	30.2	45.4#
89	2.8	53.2	79.8#
182	0.0	2.7	4.1#

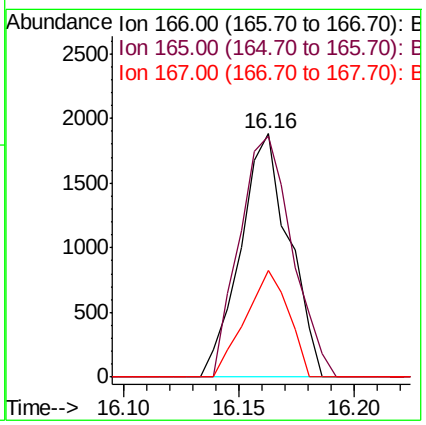


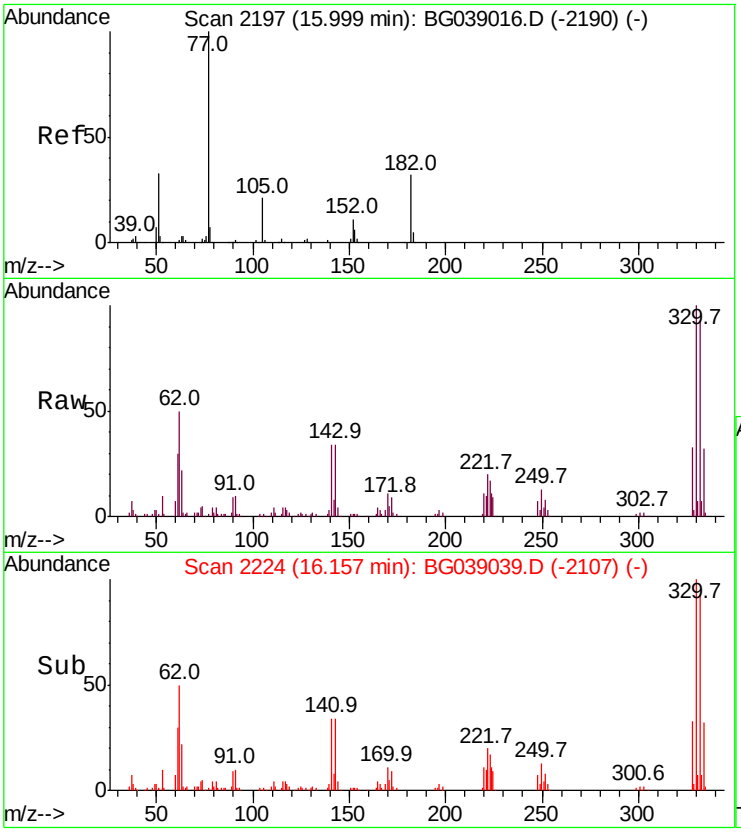


#58
Fluorene
Concen: 0.550 ng
RT: 16.16 min Scan# 2225
Delta R.T. 0.44 min
Lab File: BG039039.D
Acq: 10 Jan 2019 3:01

Tgt Ion:166 Resp: 2762

Ion	Ratio	Lower	Upper
166	100		
165	199.3	76.2	114.2#
167	43.6	10.6	16.0#



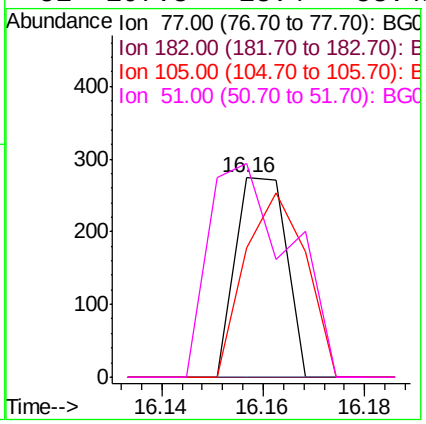


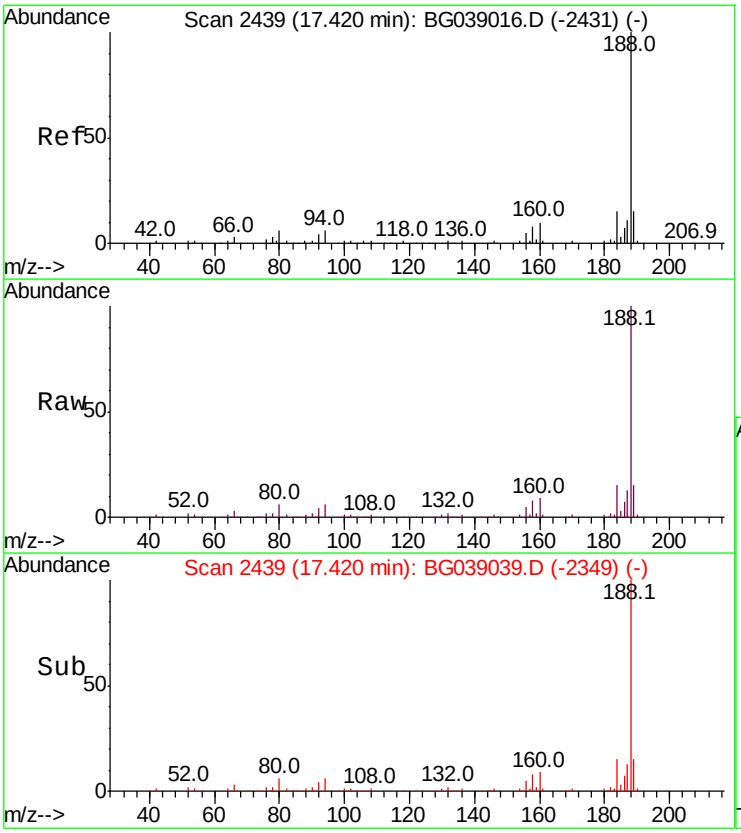
#63
Azobenzene
Concen: 0.043 ng
RT: 16.16 min Scan# 2224
Delta R.T. 0.16 min
Lab File: BG039039.D
Acq: 10 Jan 2019 3:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 192

Ion	Ratio	Lower	Upper
77	100		
182	0.0	12.2	52.2#
105	64.6	1.2	41.2#
51	107.3	13.4	53.4#

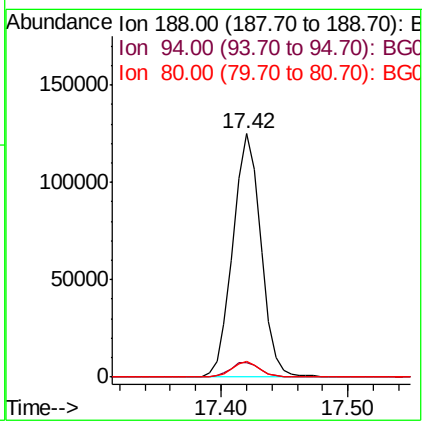


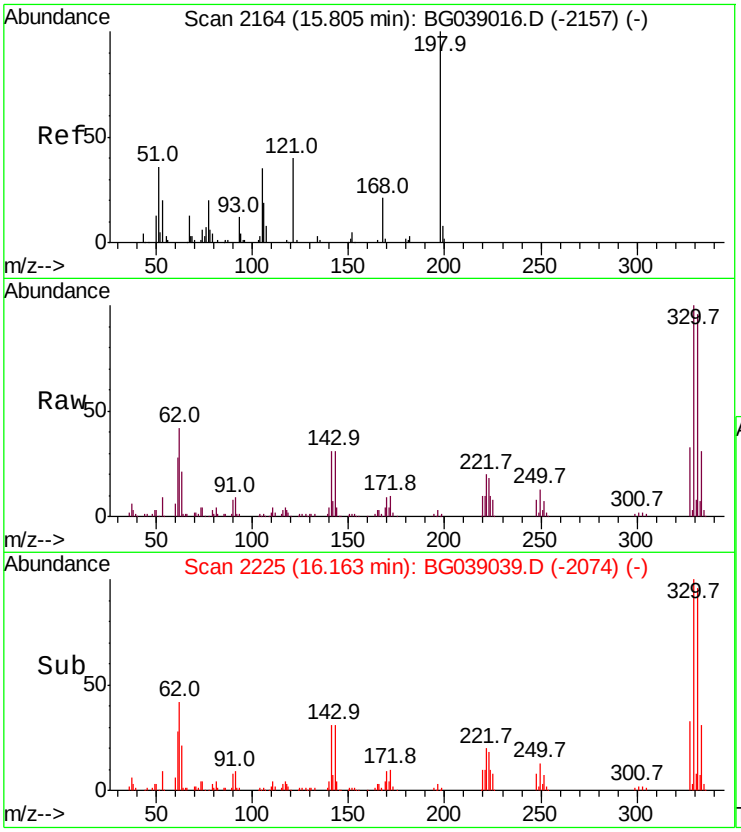


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG039039.D
Acq: 10 Jan 2019 3:01

Tgt Ion:188 Resp: 190751

Ion	Ratio	Lower	Upper
188	100		
94	6.2	5.0	7.4
80	6.5	4.7	7.1



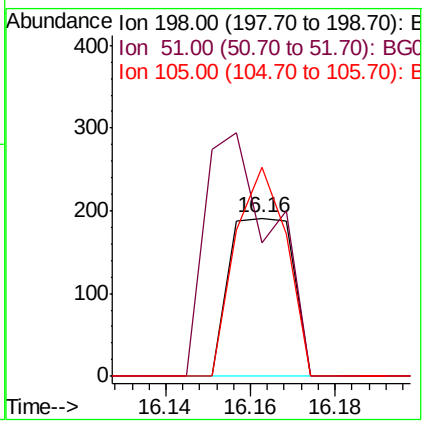


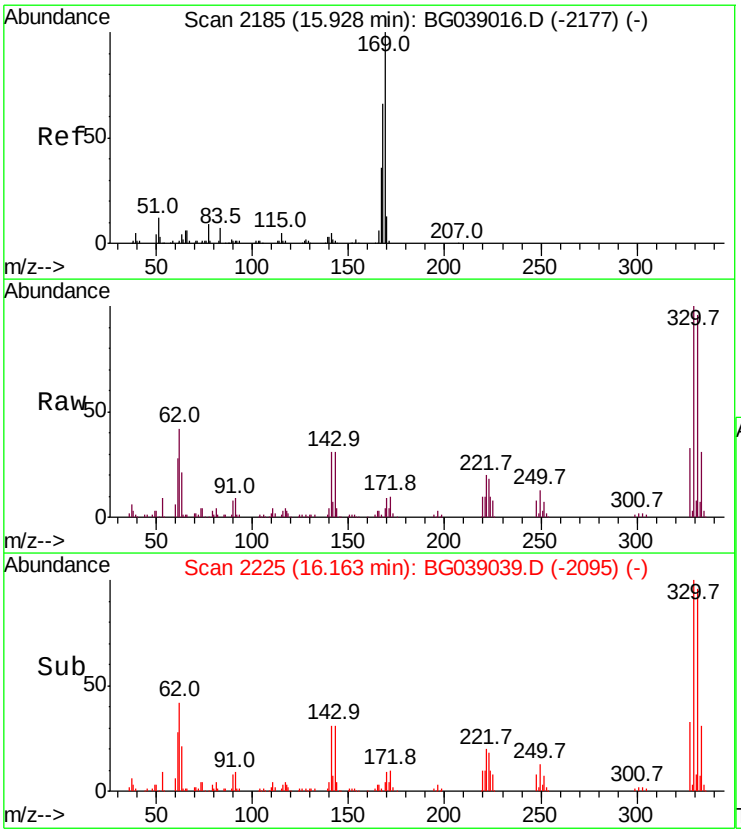
#65
4,6-Dinitro-2-methylphenol
Concen: 0.142 ng
RT: 16.16 min Scan# 2225
Delta R.T. 0.36 min
Lab File: BG039039.D
Acq: 10 Jan 2019 3:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 200

Ion	Ratio	Lower	Upper
198	100		
51	16.1	20.8	60.8#
105	25.1	16.1	56.1

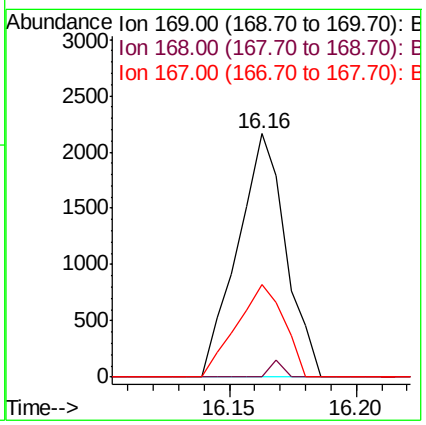


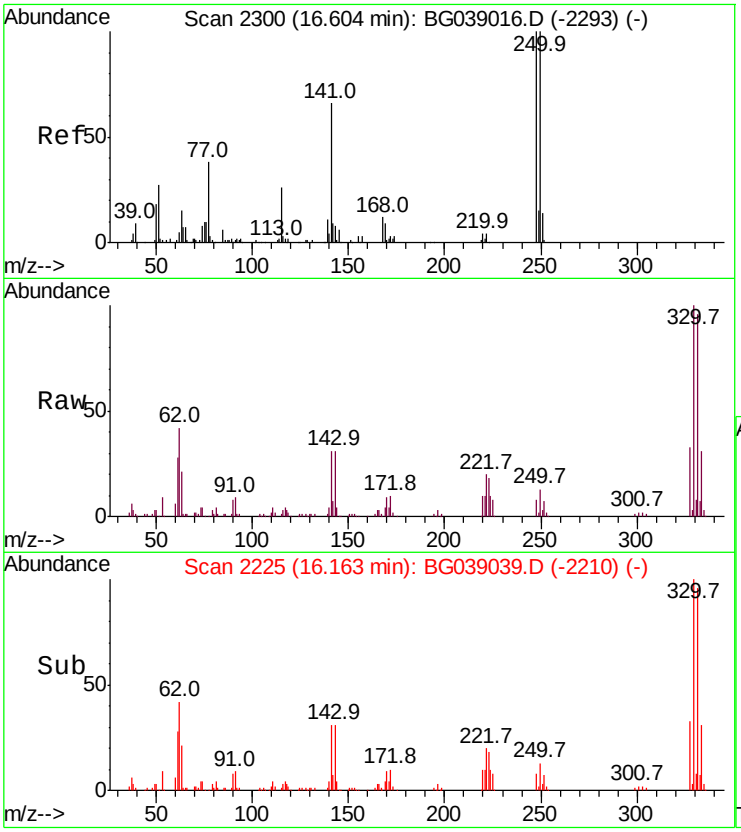


#66
n-Nitrosodiphenylamine
Concen: 0.508 ng
RT: 16.16 min Scan# 2225
Delta R.T. 0.23 min
Lab File: BG039039.D
Acq: 10 Jan 2019 3:01

Tgt Ion:169 Resp: 2870

Ion	Ratio	Lower	Upper
169	100		
168	0.0	53.2	79.8#
167	37.9	29.1	43.7



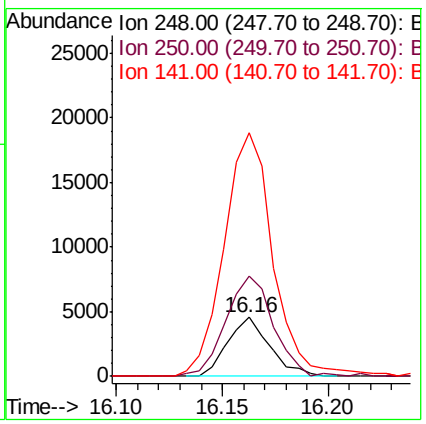


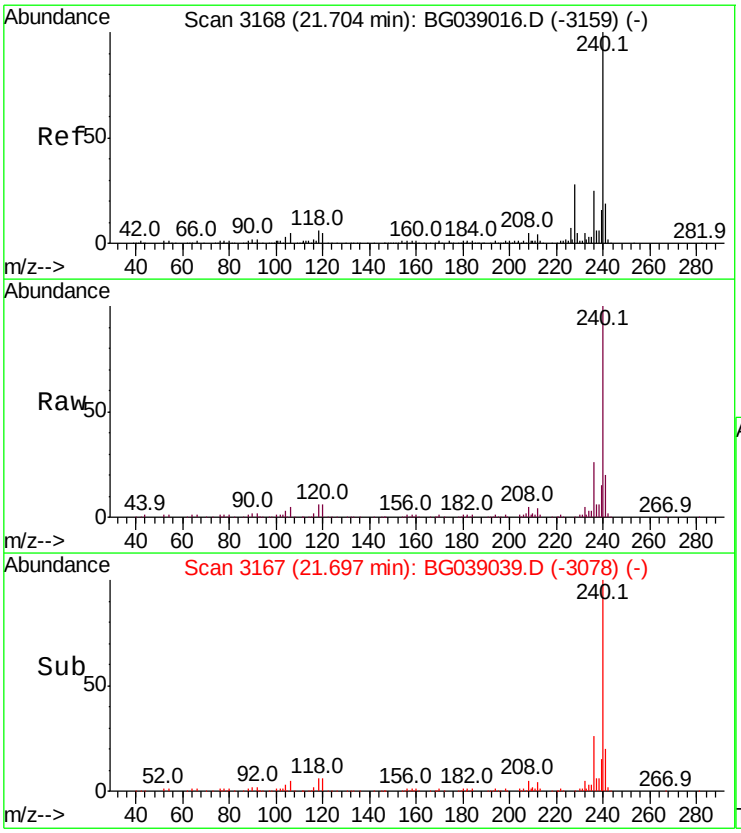
#67
4-Bromophenyl-phenylether
Concen: 2.569 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.44 min
Lab File: BG039039.D
Acq: 10 Jan 2019 3:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 6300

Ion	Ratio	Lower	Upper
248	100		
250	162.8	79.9	119.9#
141	315.3	52.7	79.1#

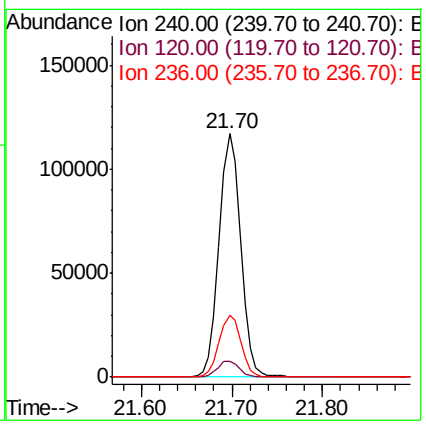


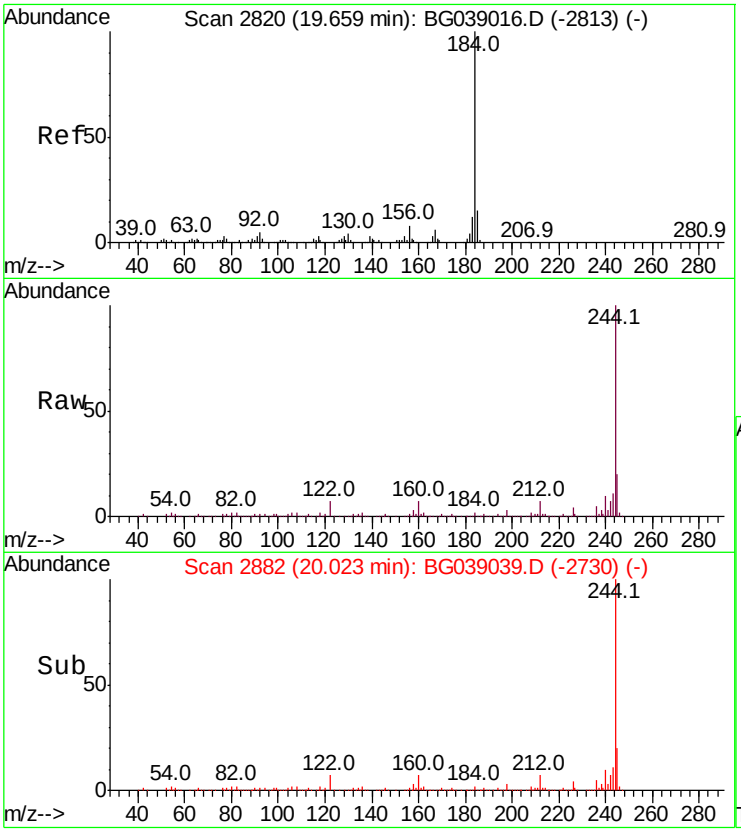


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.01 min
Lab File: BG039039.D
Acq: 10 Jan 2019 3:01

Tgt Ion:240 Resp: 194492

Ion	Ratio	Lower	Upper
240	100		
120	6.4	4.3	6.5
236	25.5	20.1	30.1



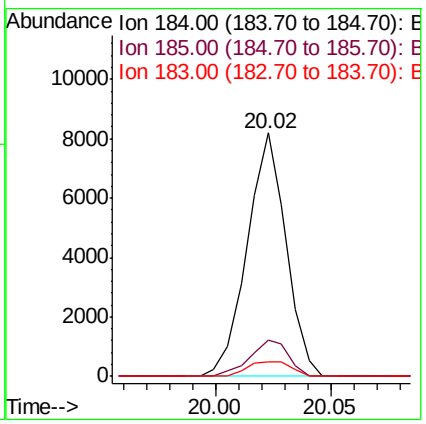


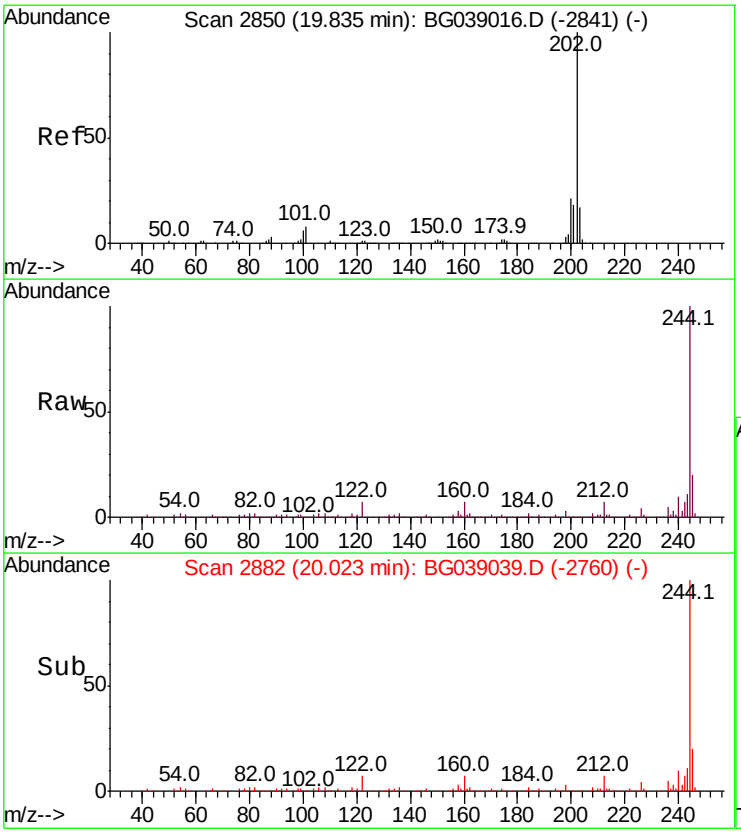
#77
Benzidine
Concen: 1.613 ng
RT: 20.02 min Scan# 2882
Delta R.T. 0.36 min
Lab File: BG039039.D
Acq: 10 Jan 2019 3:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 9595

Ion	Ratio	Lower	Upper
184	100		
185	14.9	12.1	18.1
183	5.9	9.5	14.3#

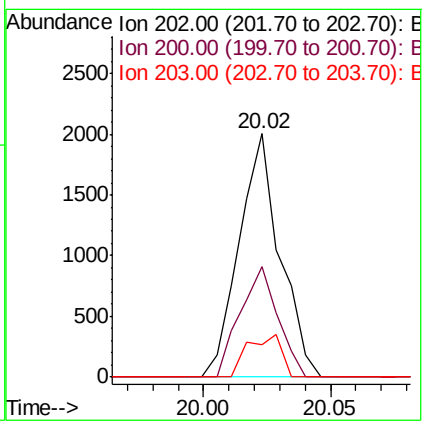


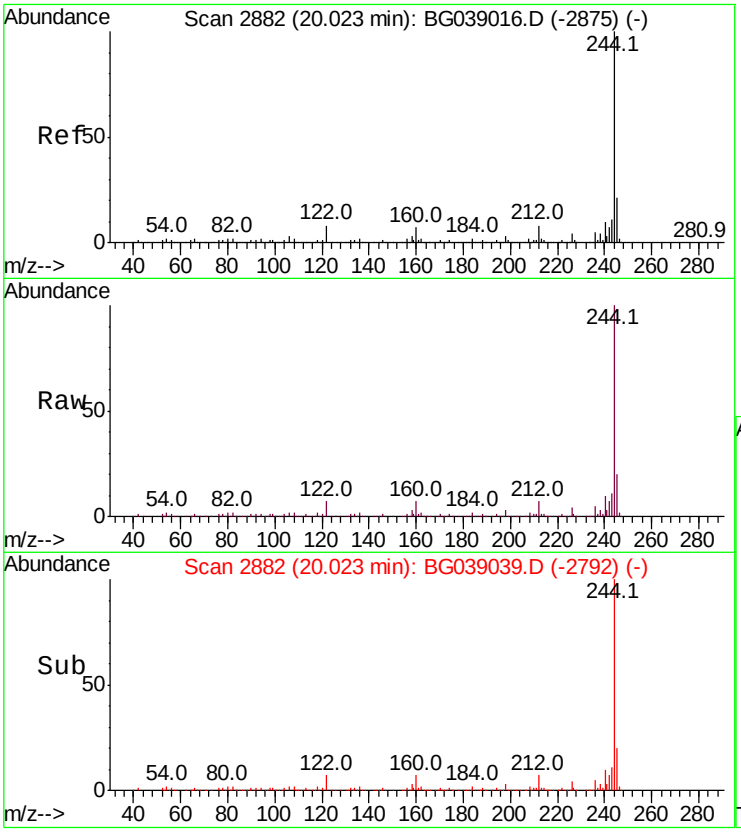


#78
Pyrene
Concen: 0.182 ng
RT: 20.02 min Scan# 2882
Delta R.T. 0.19 min
Lab File: BG039039.D
Acq: 10 Jan 2019 3:01

Tgt Ion:202 Resp: 2256

Ion	Ratio	Lower	Upper
202	100		
200	45.4	17.0	25.6#
203	13.6	14.0	21.0#



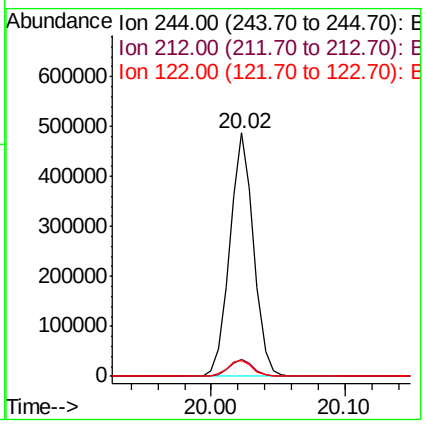


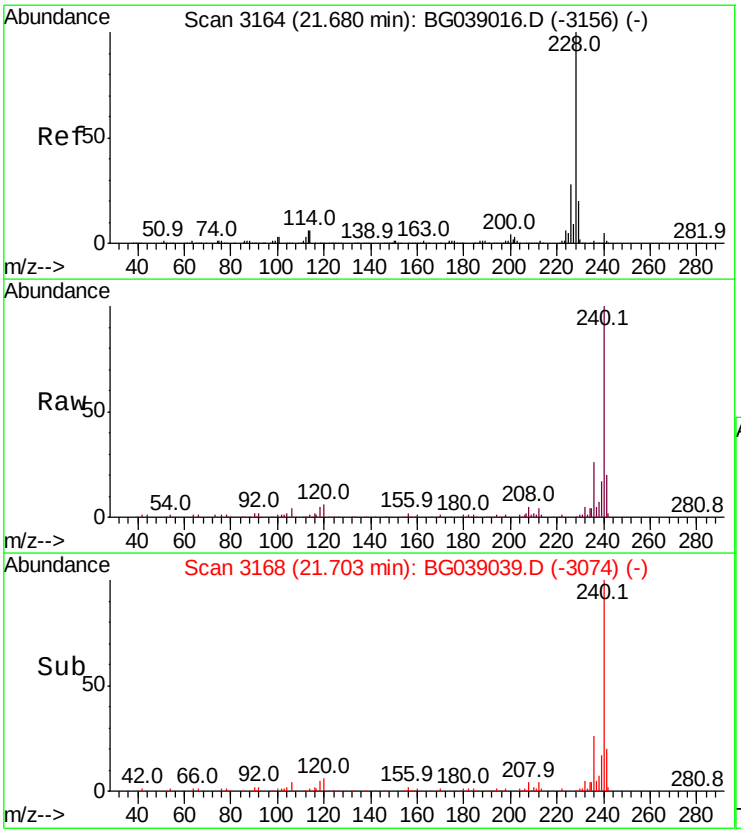
#79
Terphenyl-d14
Concen: 57.719 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.00 min
Lab File: BG039039.D
Acq: 10 Jan 2019 3:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 606842

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.1	9.1
122	6.7	6.1	9.1

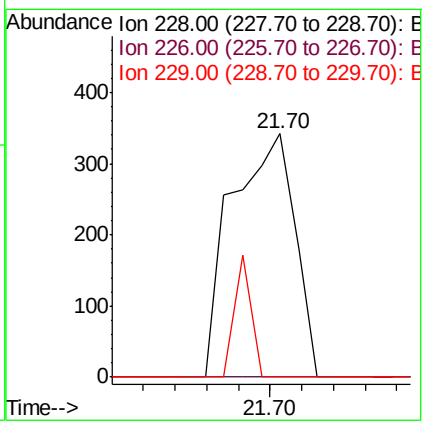


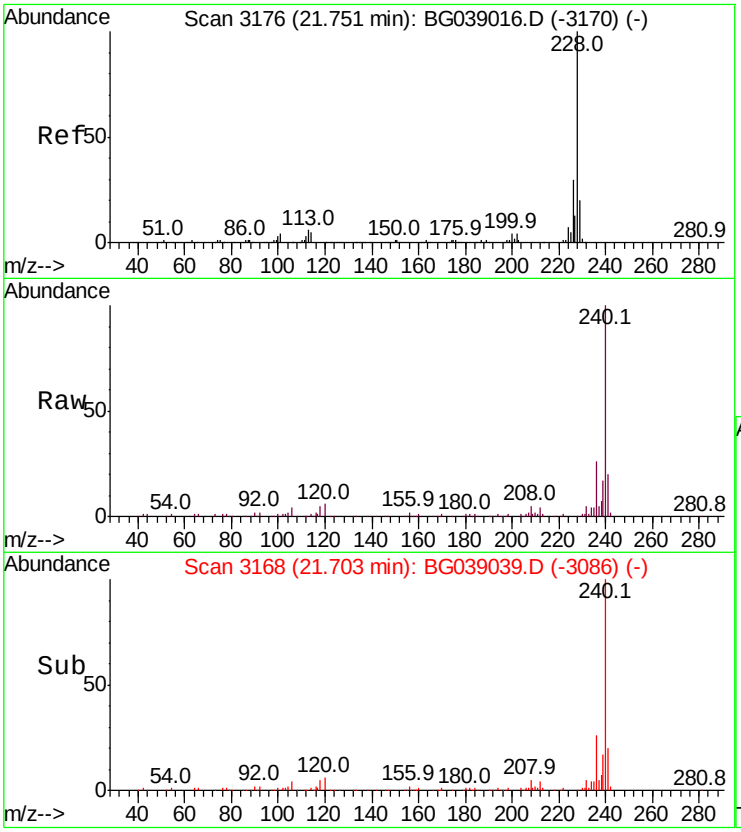


#81
Benzo(a)anthracene
Concen: 0.040 ng
RT: 21.70 min Scan# 3168
Delta R.T. 0.02 min
Lab File: BG039039.D
Acq: 10 Jan 2019 3:01

Tgt Ion:228 Resp: 472

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



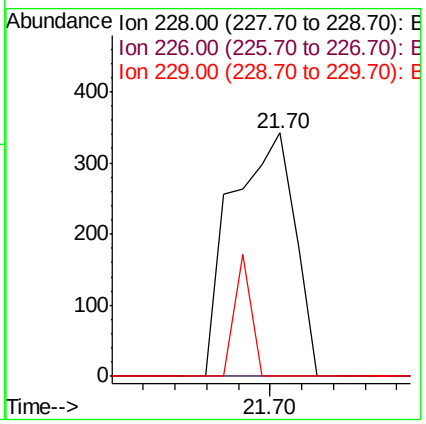


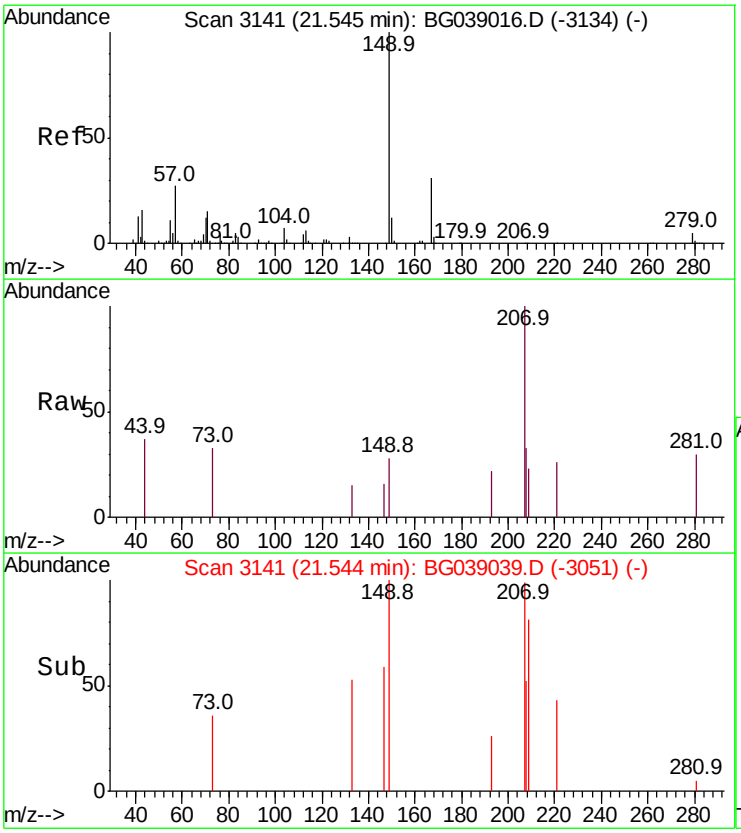
#83
Chrysene
Concen: 0.042 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.05 min
Lab File: BG039039.D
Acq: 10 Jan 2019 3:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 472

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

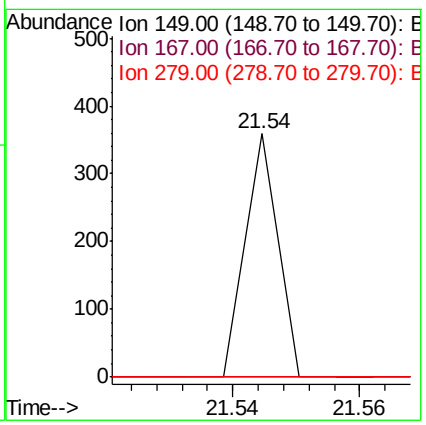


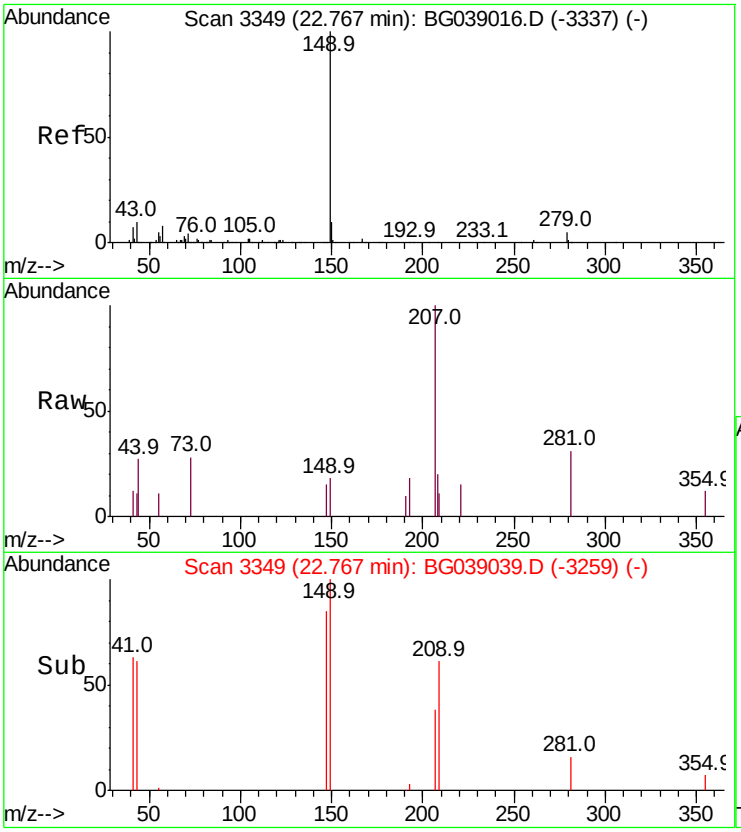


#84
Bis(2-ethylhexyl)phthalate
Concen: 0.019 ng
RT: 21.54 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BG039039.D
Acq: 10 Jan 2019 3:01

Tgt Ion:149 Resp: 127

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



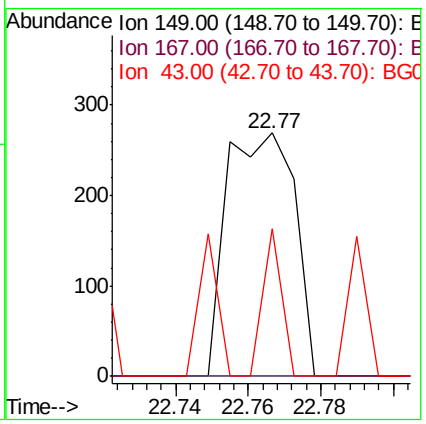


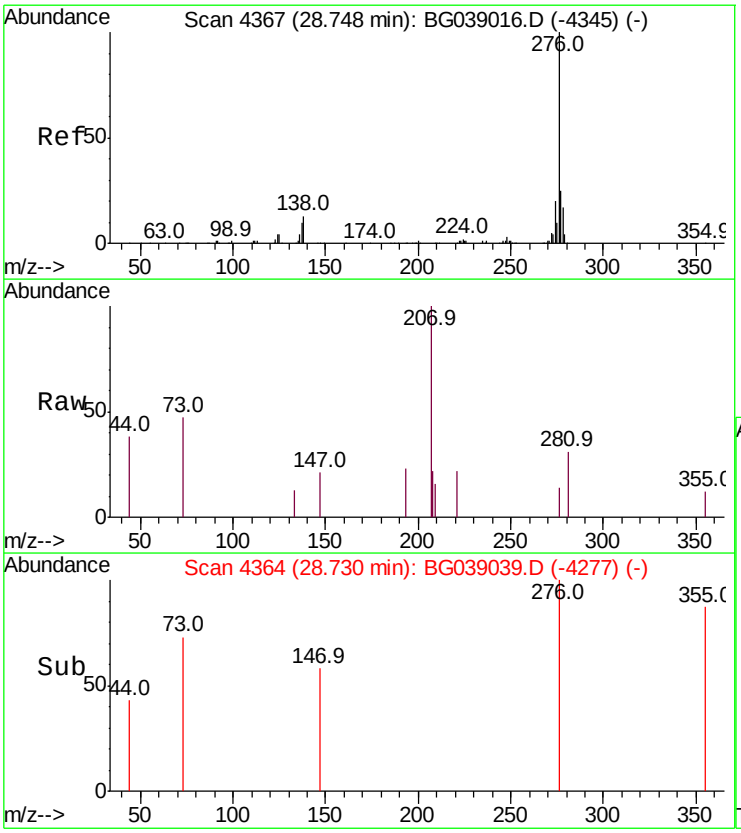
#85
Di-n-octyl phthalate
Concen: 0.032 ng
RT: 22.77 min Scan# 3349
Delta R.T. -0.00 min
Lab File: BG039039.D
Acq: 10 Jan 2019 3:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 349

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.3	1.9#
43	16.6	7.5	11.3#

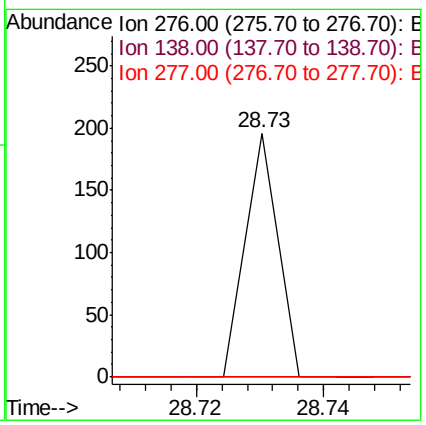


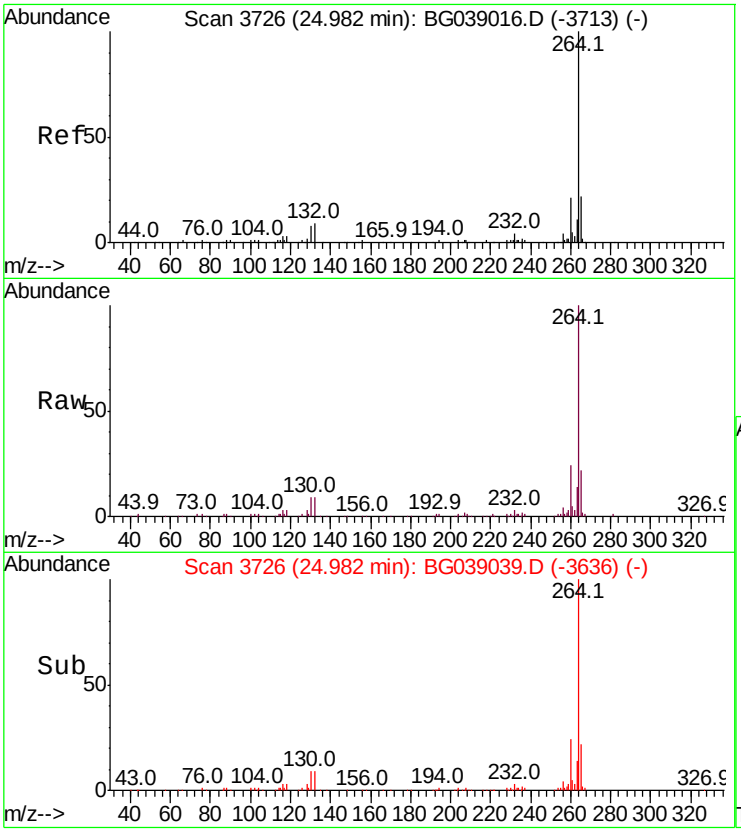


#86
Indeno(1,2,3-cd)pyrene
Concen: 0.005 ng
RT: 28.73 min Scan# 4364
Delta R.T. -0.02 min
Lab File: BG039039.D
Acq: 10 Jan 2019 3:01

Tgt Ion:276 Resp: 69

Ion	Ratio	Lower	Upper
276	100		
138	0.0	8.0	12.0#
277	0.0	20.3	30.5#



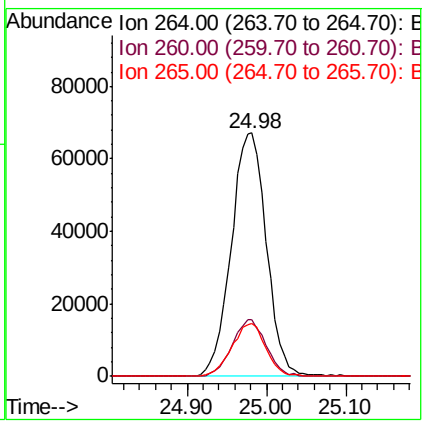


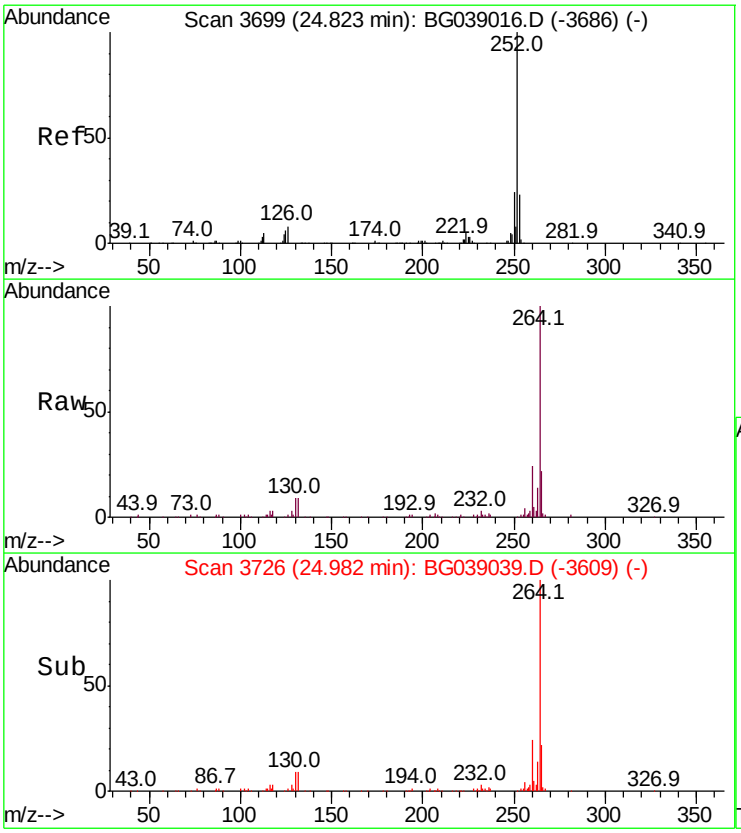
#87
Perylene-d12
Concen: 20.000 ng
RT: 24.98 min Scan# 3726
Delta R.T. -0.00 min
Lab File: BG039039.D
Acq: 10 Jan 2019 3:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 205676

Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.0	25.6
265	21.7	17.2	25.8

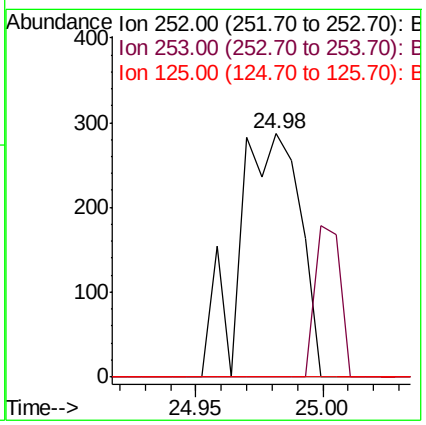


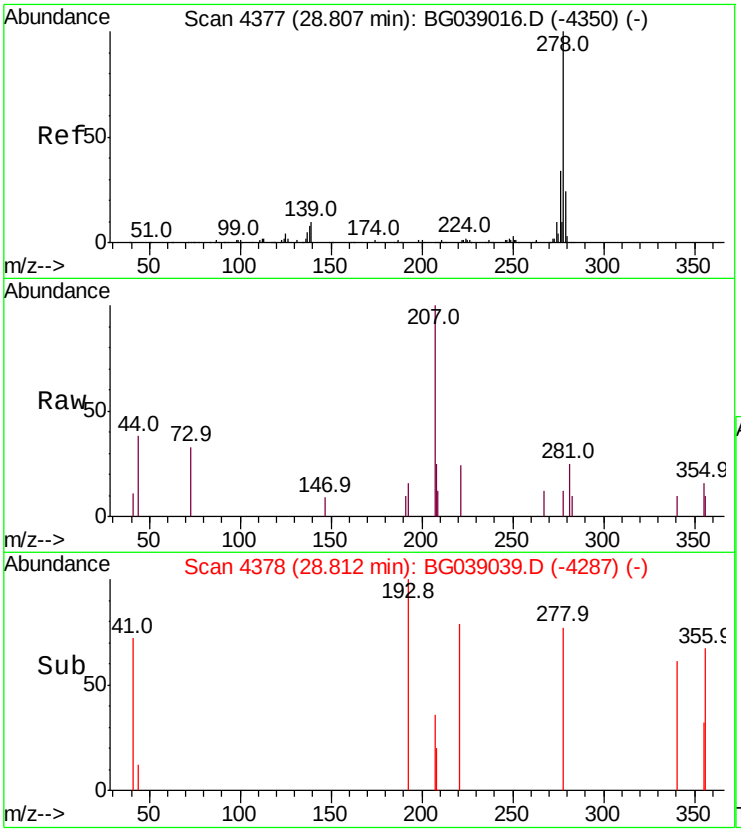


#90
Benzo(a)pyrene
Concen: 0.044 ng
RT: 24.98 min Scan# 3726
Delta R.T. 0.16 min
Lab File: BG039039.D
Acq: 10 Jan 2019 3:01

Tgt Ion:252 Resp: 486

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





#91
Dibenzo(a,h)anthracene
Concen: 0.006 ng
RT: 28.81 min Scan# 4378
Delta R.T. 0.01 min
Lab File: BG039039.D
Acq: 10 Jan 2019 3:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:278 Resp: 69

Ion	Ratio	Lower	Upper
278	100		
139	0.0	7.9	11.9#
279	0.0	19.3	28.9#