Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG011519\
Data File : BG039139.D
Acq On : 15 Jan 2019 19:52
Operator : JU/SJ
Sample : K1139-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-7

Quant Time: Jan 16 01:09:56 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	8743	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	42240	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	42462	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	169435	20.00	ng	0.00
76) Chrysene-d12	21.69	240	179058	20.00	ng	-0.01
87) Perylene-d12	24.96	264	189623	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	69870	151.60	ng	0.00
7) Phenol-d6	7.18	99	96400	145.34	ng	0.00
23) Nitrobenzene-d5	9.20	82	65276	84.56	ng	-0.01
42) 2,4,6-Tribromophenol	16.16	330	123972	174.17	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	251901	81.19	ng	0.00
79) Terphenyl-d14	20.02	244	1015475	104.91	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.20	70	8124	18.652	ng	# 71
51) 2,6-Dinitrotoluene	14.66	165	5720	7.130	ng	# 24
57) 2,4-Dinitrotoluene	14.66	165	5720	4.970	ng	# 26
67) 4-Bromophenyl-phenylether	16.16	248	8298	3.810	ng	# 1
77) Benzidine	20.02	184	16359	2.987	ng	# 95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG011519\
Data File : BG039139.D
Acq On : 15 Jan 2019 19:52
Operator : JU/SJ
Sample : K1139-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
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Quant Time: Jan 16 01:09:56 2019
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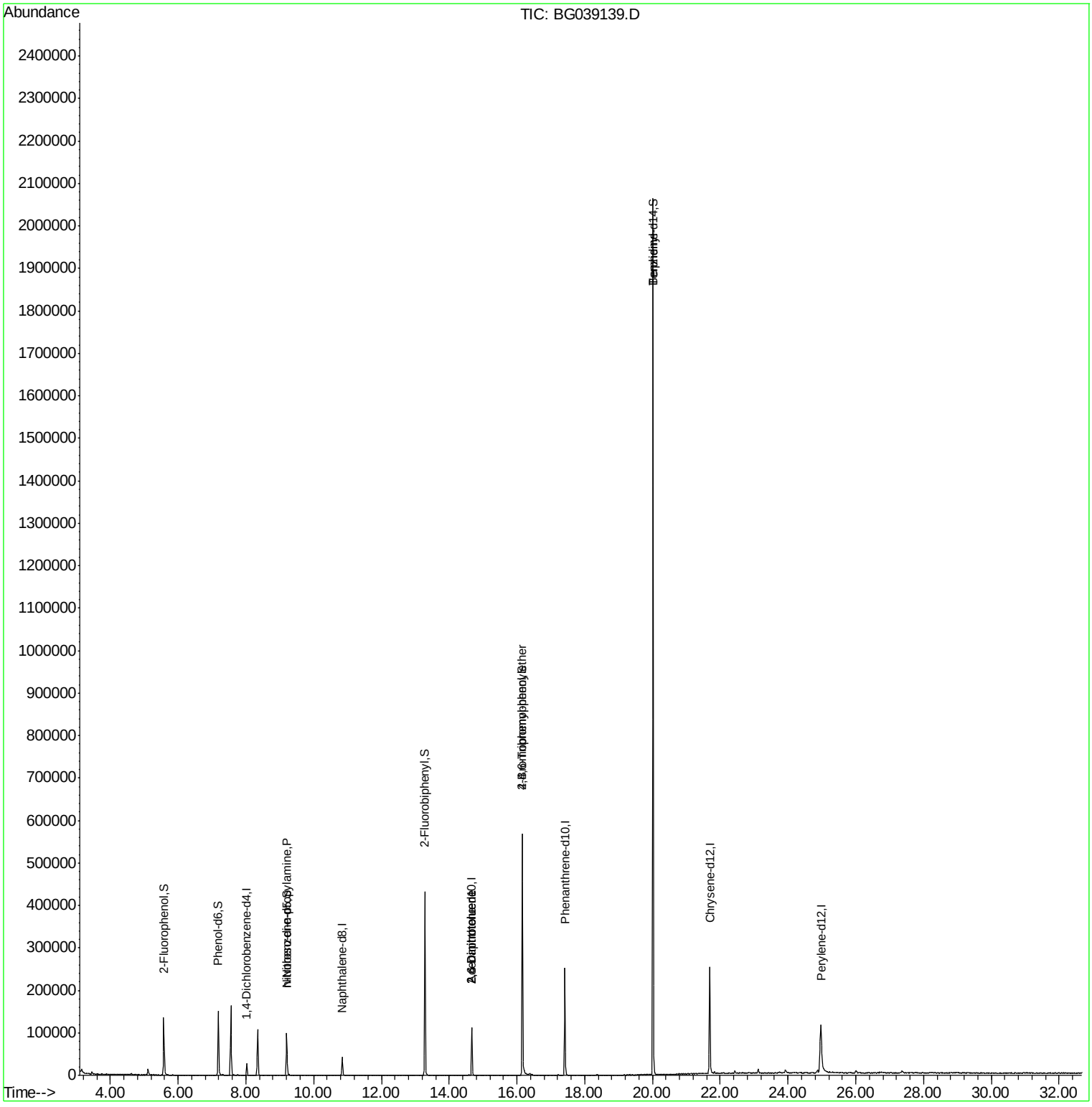
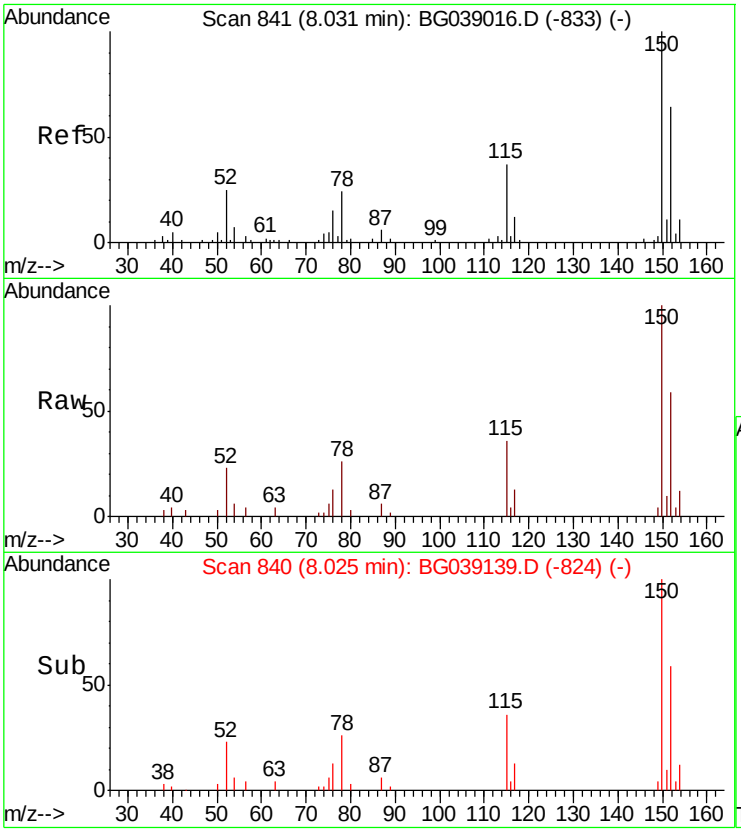
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 09 14:23:53 2019
Response via : Initial Calibration



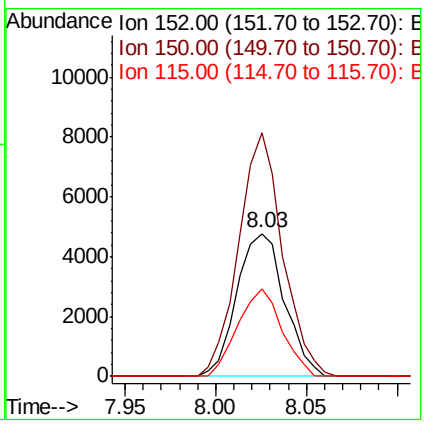


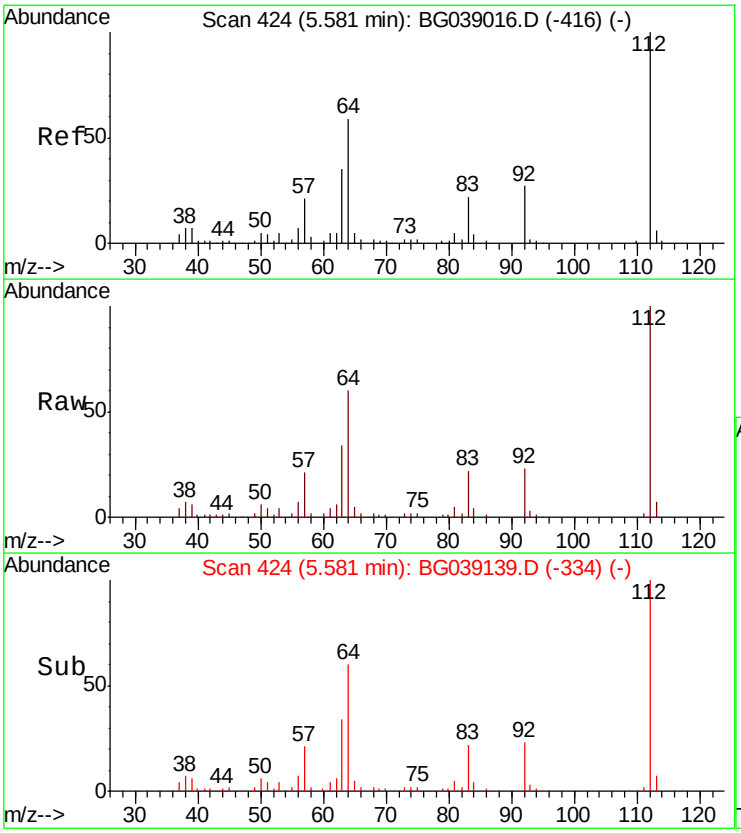
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG039139.D
Acq: 15 Jan 2019 19:52

Instrument :
BNA_G
ClientSampleId :
S-7

Tgt Ion:152 Resp: 8743

Ion	Ratio	Lower	Upper
152	100		
150	170.2	124.7	187.1
115	60.8	46.5	69.7

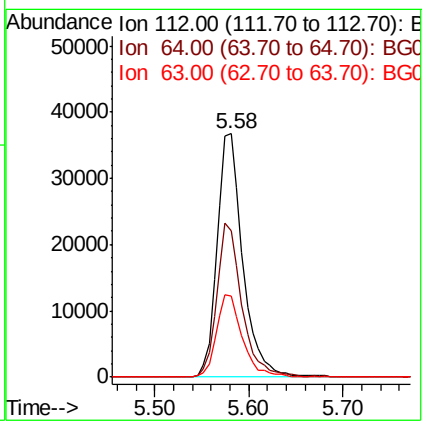


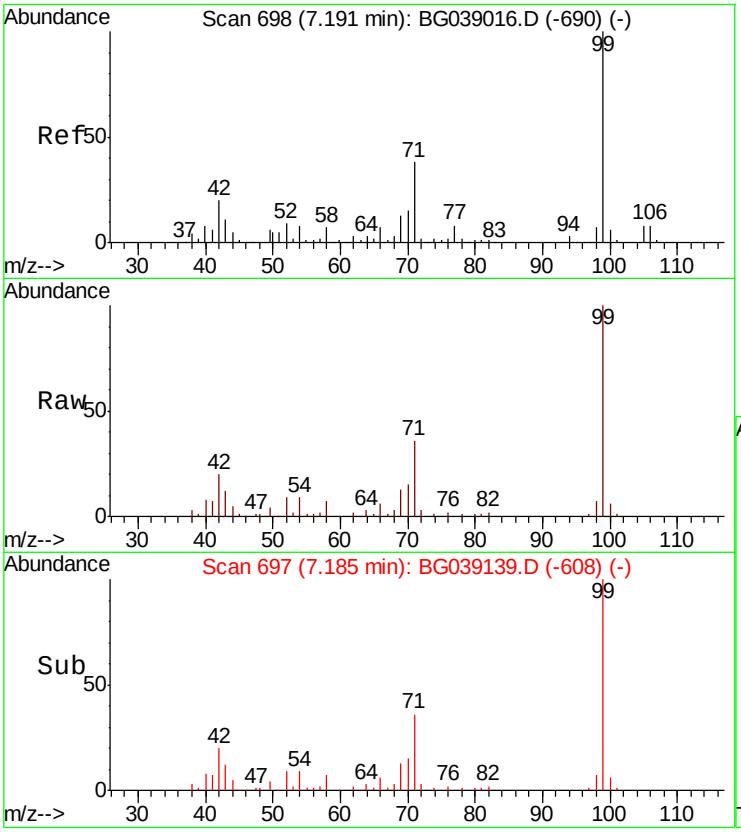


#5
2-Fluorophenol
Concen: 151.598 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG039139.D
Acq: 15 Jan 2019 19:52

Tgt Ion:112 Resp: 69870

Ion	Ratio	Lower	Upper
112	100		
64	59.9	47.0	70.6
63	33.5	28.0	42.0



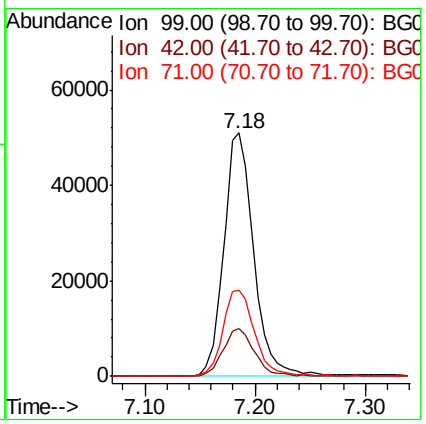


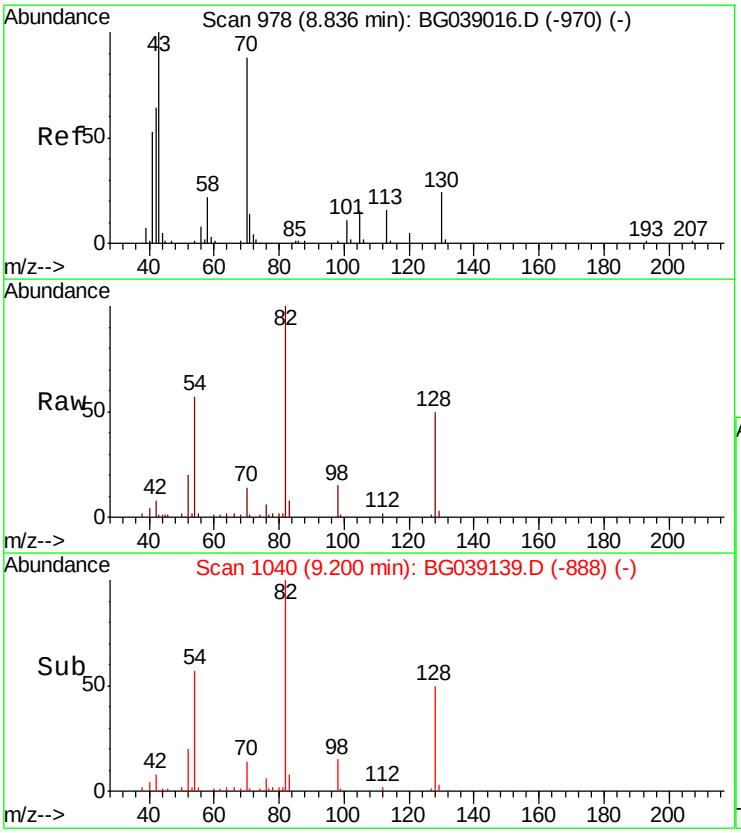
#7
Phenol-d6
Concen: 145.338 ng
RT: 7.18 min Scan# 697
Delta R.T. -0.01 min
Lab File: BG039139.D
Acq: 15 Jan 2019 19:52

Instrument :
BNA_G
ClientSampleId :
S-7

Tgt Ion: 99 Resp: 96400

Ion	Ratio	Lower	Upper
99	100		
42	19.7	15.8	23.6
71	35.5	30.2	45.4

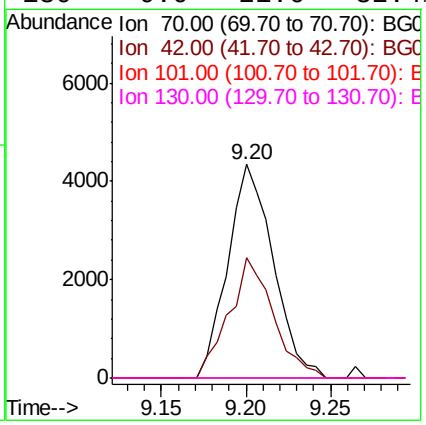


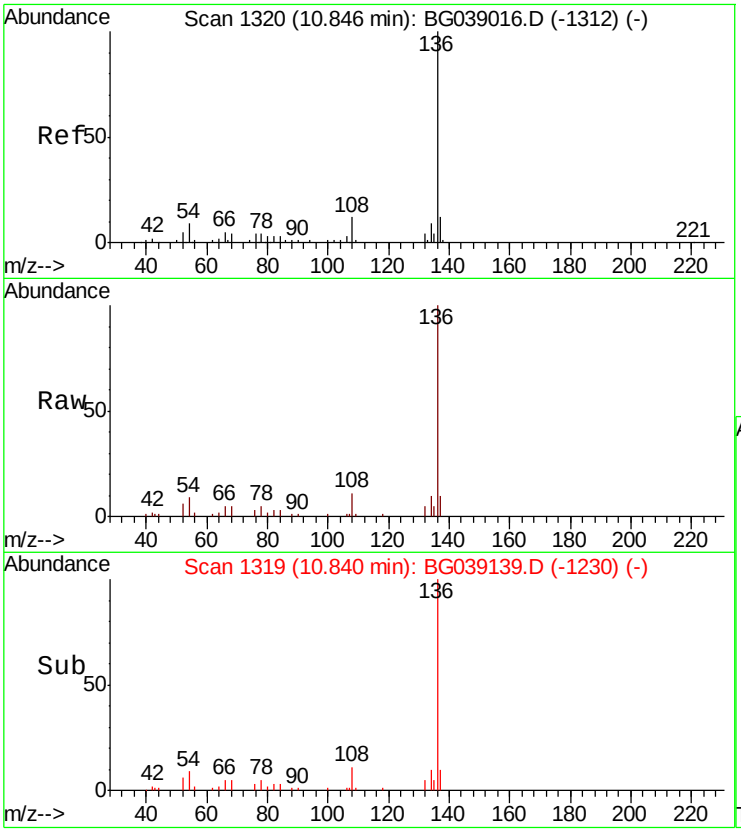


#19
n-Nitroso-di-n-propylamine
Concen: 18.652 ng
RT: 9.20 min Scan# 1040
Delta R.T. 0.36 min
Lab File: BG039139.D
Acq: 15 Jan 2019 19:52

Tgt Ion: 70 Resp: 8124

Ion	Ratio	Lower	Upper
70	100		
42	56.4	59.0	88.4#
101	0.0	10.4	15.6#
130	0.0	21.6	32.4#



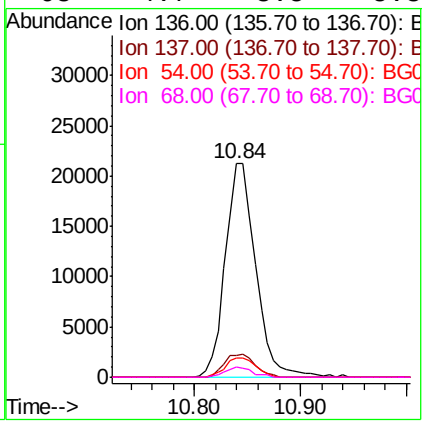


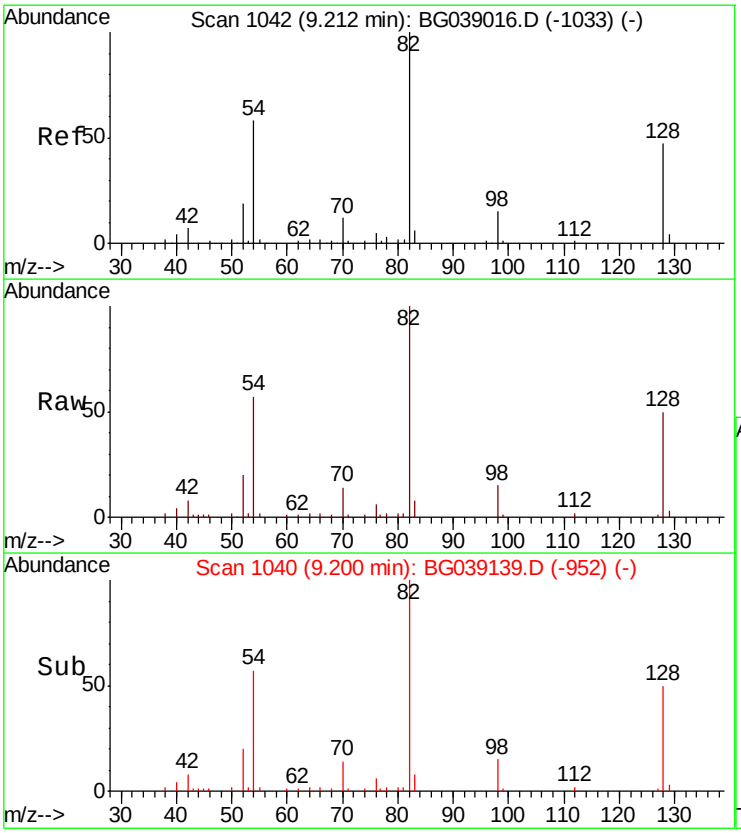
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BG039139.D
Acq: 15 Jan 2019 19:52

Instrument :
BNA_G
ClientSampleId :
S-7

Tgt Ion:136 Resp: 42240

Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.4	14.2
54	8.7	7.2	10.8
68	4.7	3.5	5.3

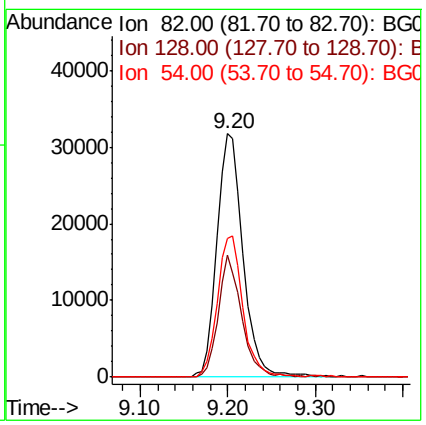


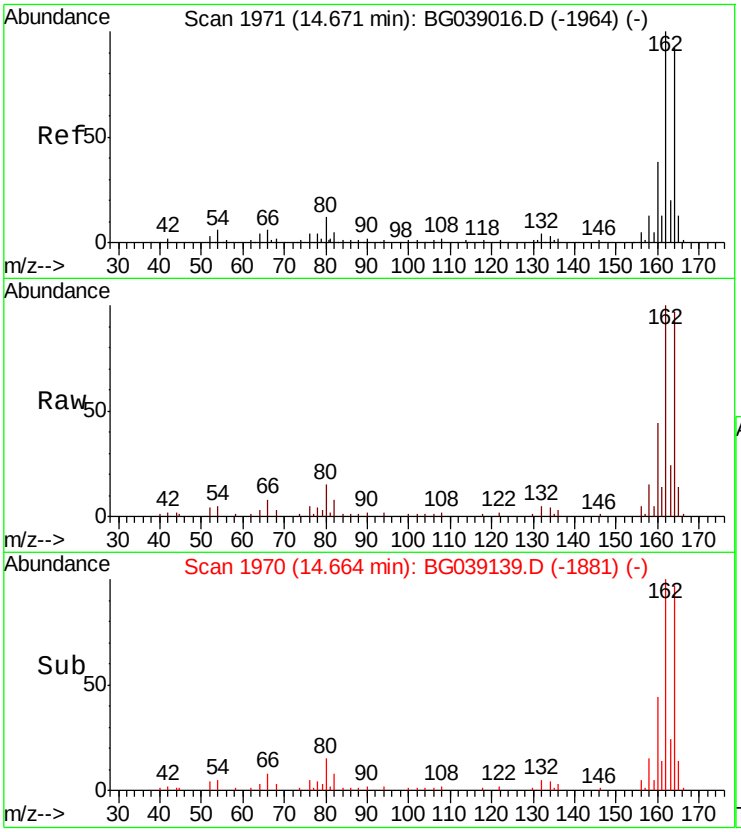


#23
Nitrobenzene-d5
Concen: 84.561 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG039139.D
Acq: 15 Jan 2019 19:52

Tgt Ion: 82 Resp: 65276

Ion	Ratio	Lower	Upper
82	100		
128	50.3	37.3	55.9
54	56.8	46.4	69.6



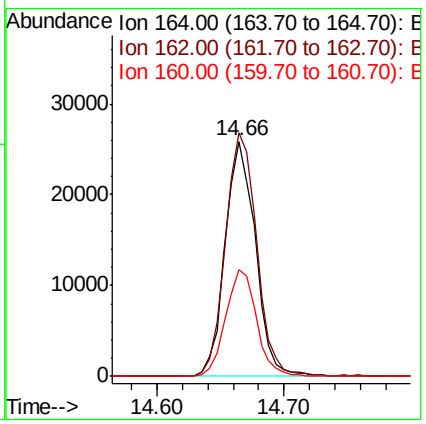


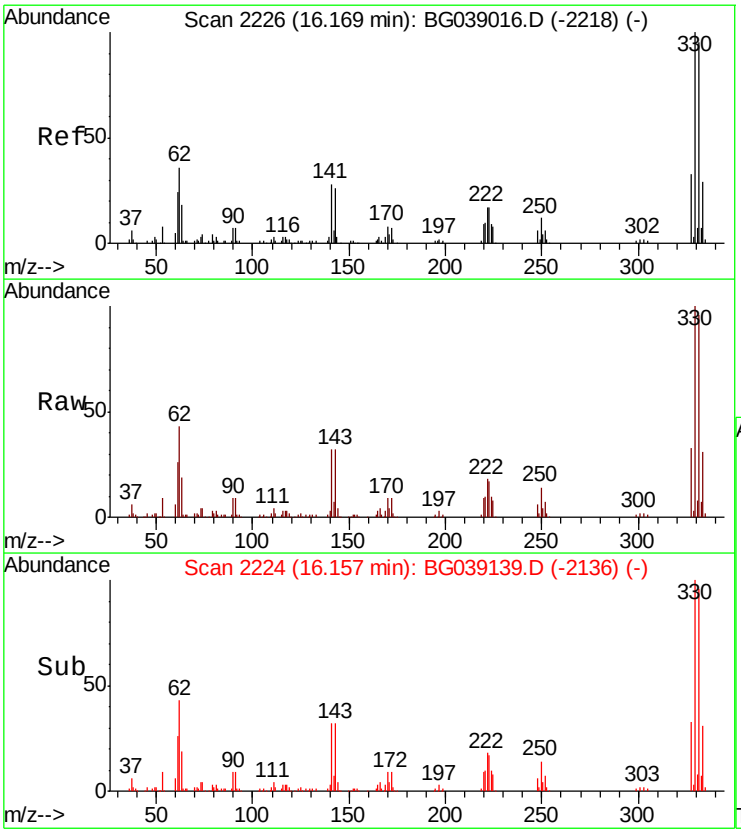
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG039139.D
Acq: 15 Jan 2019 19:52

Instrument :
BNA_G
ClientSampleId :
S-7

Tgt Ion:164 Resp: 42462

Ion	Ratio	Lower	Upper
164	100		
162	103.6	87.2	130.8
160	45.6	33.3	49.9

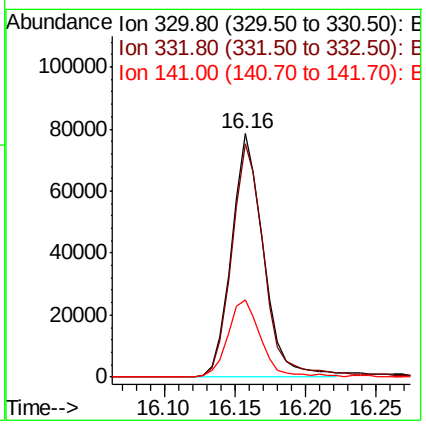


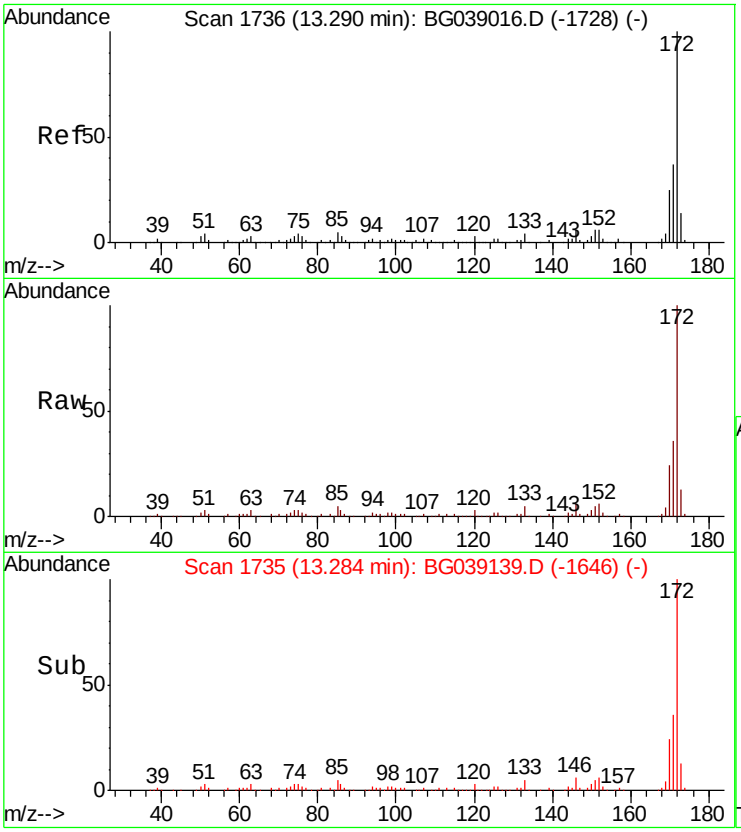


#42
2,4,6-Tribromophenol
Concen: 174.172 ng
RT: 16.16 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BG039139.D
Acq: 15 Jan 2019 19:52

Tgt Ion:330 Resp: 123972

Ion	Ratio	Lower	Upper
330	100		
332	99.3	75.7	113.5
141	32.2	24.9	37.3



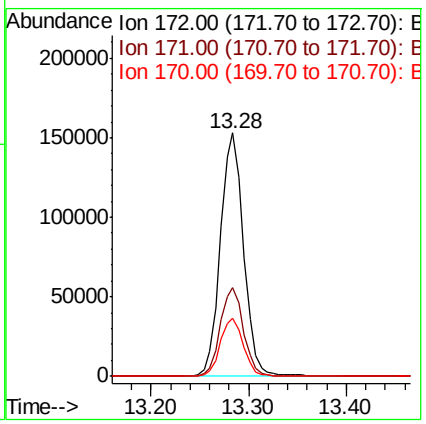


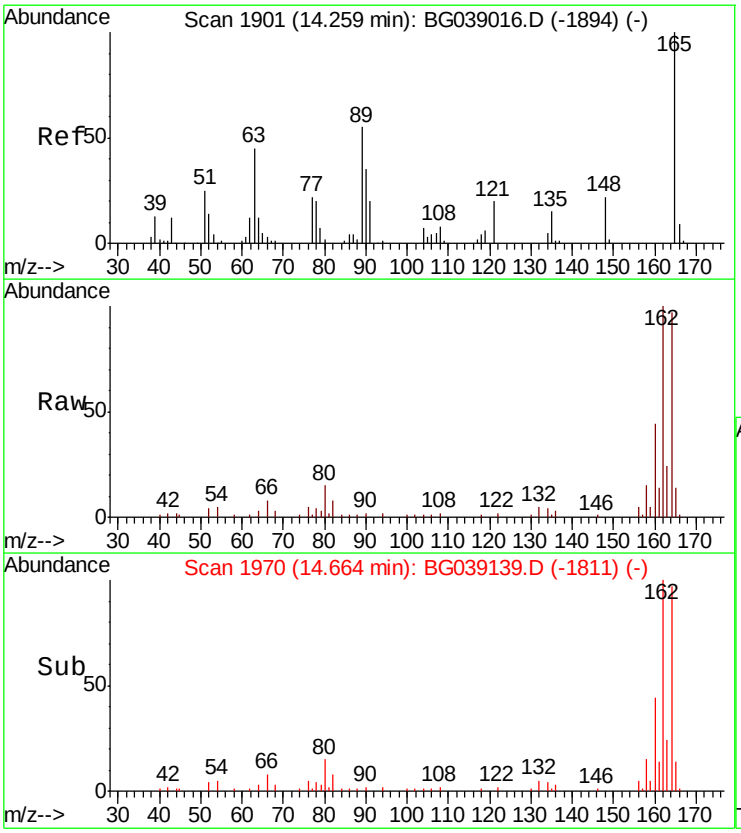
#45
2-Fluorobiphenyl
Concen: 81.189 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.01 min
Lab File: BG039139.D
Acq: 15 Jan 2019 19:52

Instrument :
BNA_G
ClientSampleId :
S-7

Tgt Ion:172 Resp: 251901

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.0
170	23.7	20.1	30.1

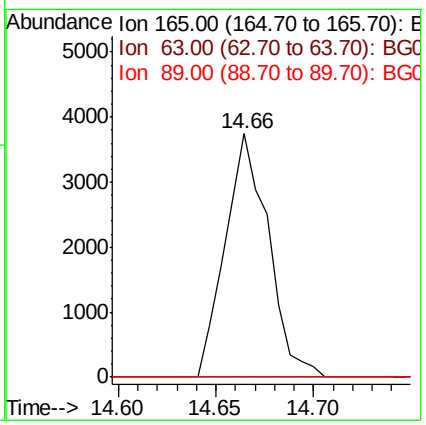


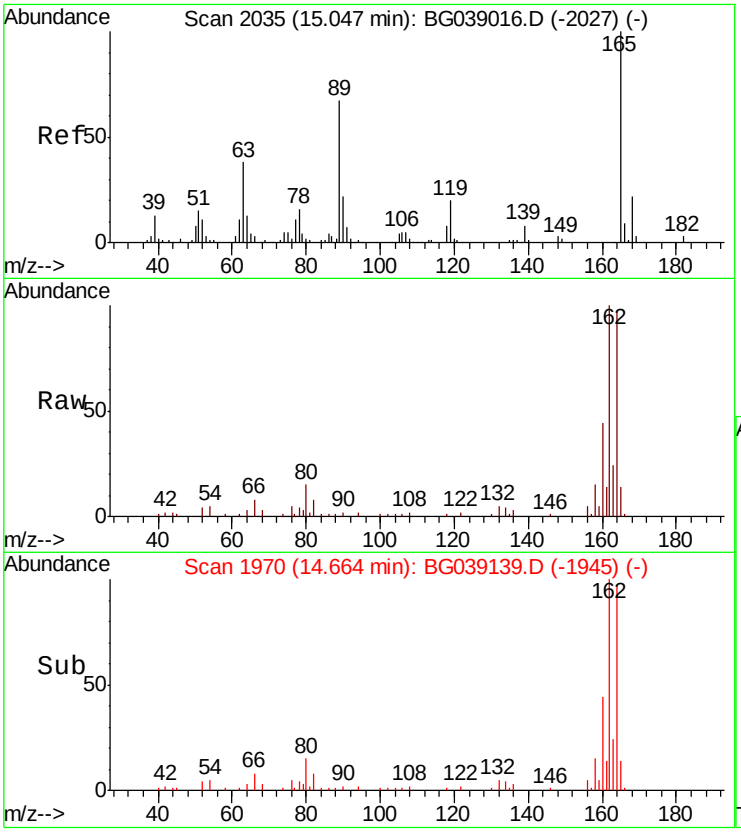


#51
2,6-Dinitrotoluene
Concen: 7.130 ng
RT: 14.66 min Scan# 1970
Delta R.T. 0.41 min
Lab File: BG039139.D
Acq: 15 Jan 2019 19:52

Tgt Ion:165 Resp: 5720

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



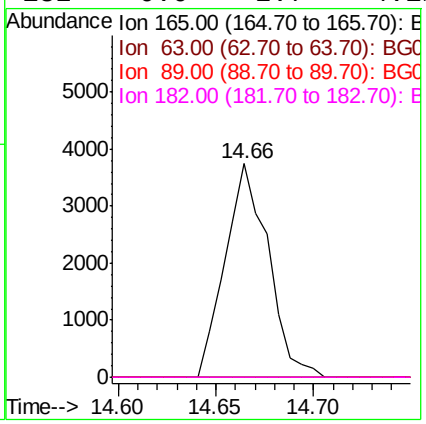


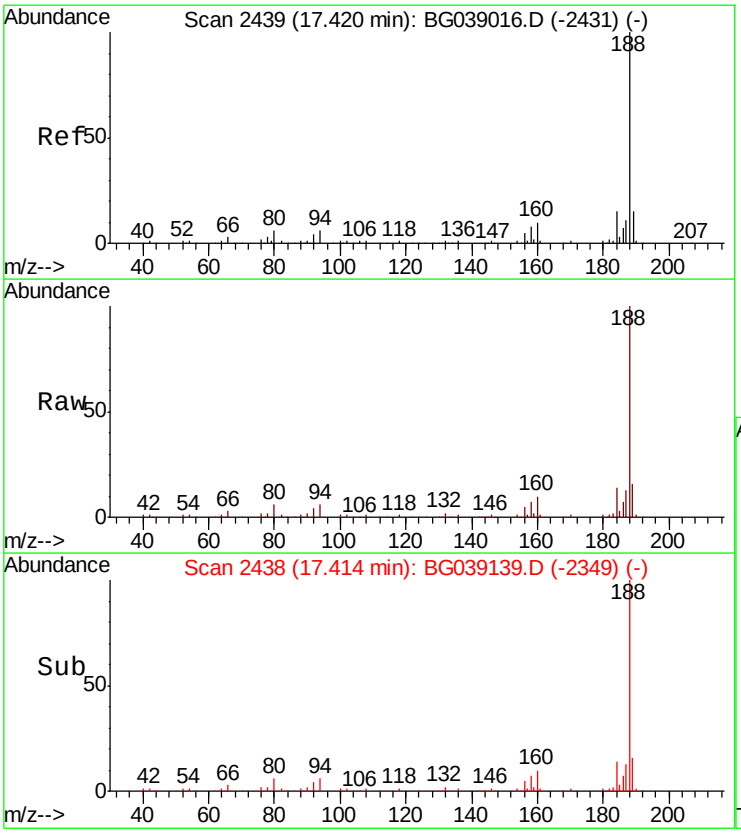
#57
2,4-Dinitrotoluene
Concen: 4.970 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.38 min
Lab File: BG039139.D
Acq: 15 Jan 2019 19:52

Instrument :
BNA_G
ClientSampleId :
S-7

Tgt Ion:165 Resp: 5720

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#

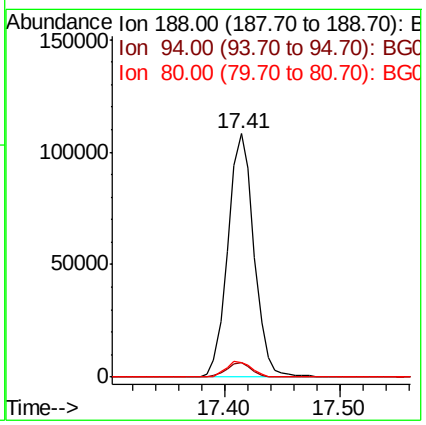


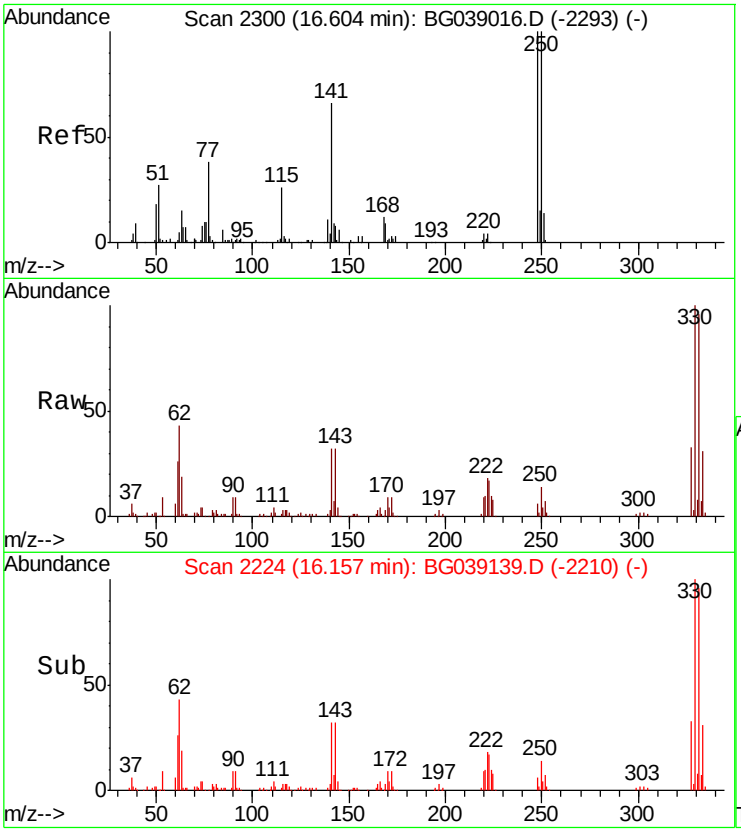


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG039139.D
Acq: 15 Jan 2019 19:52

Tgt Ion:188 Resp: 169435

Ion	Ratio	Lower	Upper
188	100		
94	5.9	5.0	7.4
80	5.7	4.7	7.1



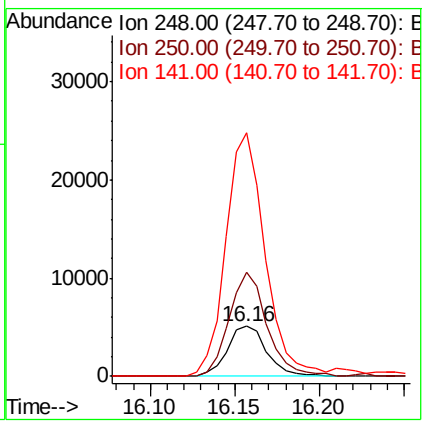


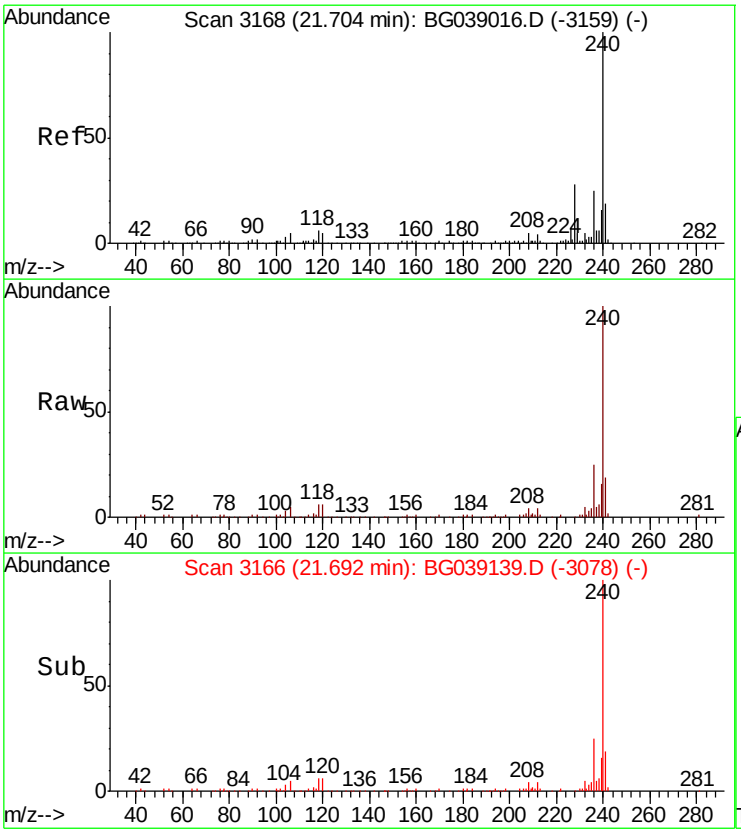
#67
4-Bromophenyl-phenylether
Concen: 3.810 ng
RT: 16.16 min Scan# 2224
Delta R.T. -0.45 min
Lab File: BG039139.D
Acq: 15 Jan 2019 19:52

Instrument :
BNA_G
ClientSampleId :
S-7

Tgt Ion:248 Resp: 8298

Ion	Ratio	Lower	Upper
248	100		
250	201.2	79.9	119.9#
141	367.6	52.7	79.1#

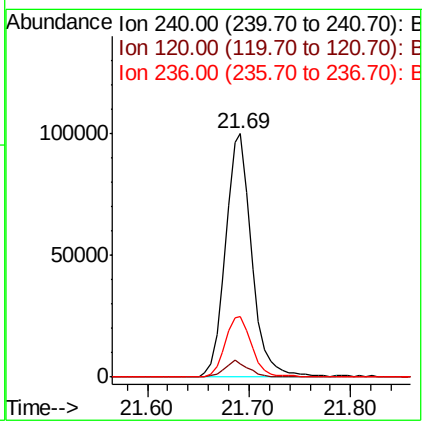


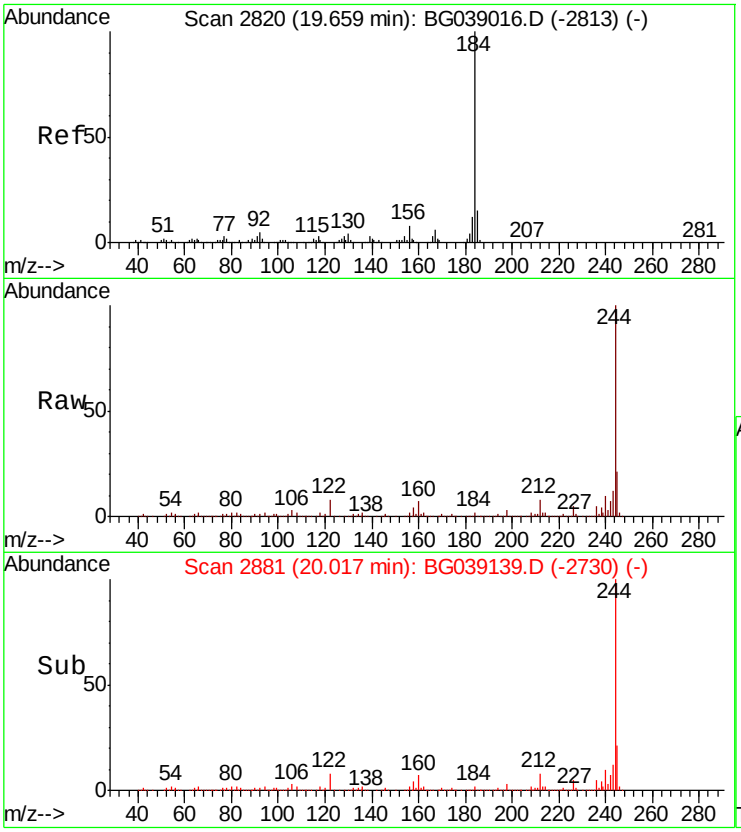


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG039139.D
Acq: 15 Jan 2019 19:52

Tgt Ion:240 Resp: 179058

Ion	Ratio	Lower	Upper
240	100		
120	5.6	4.3	6.5
236	25.1	20.1	30.1



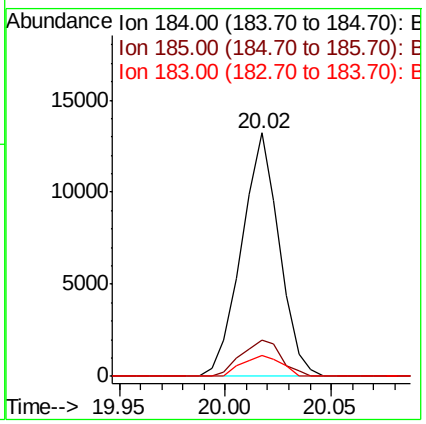


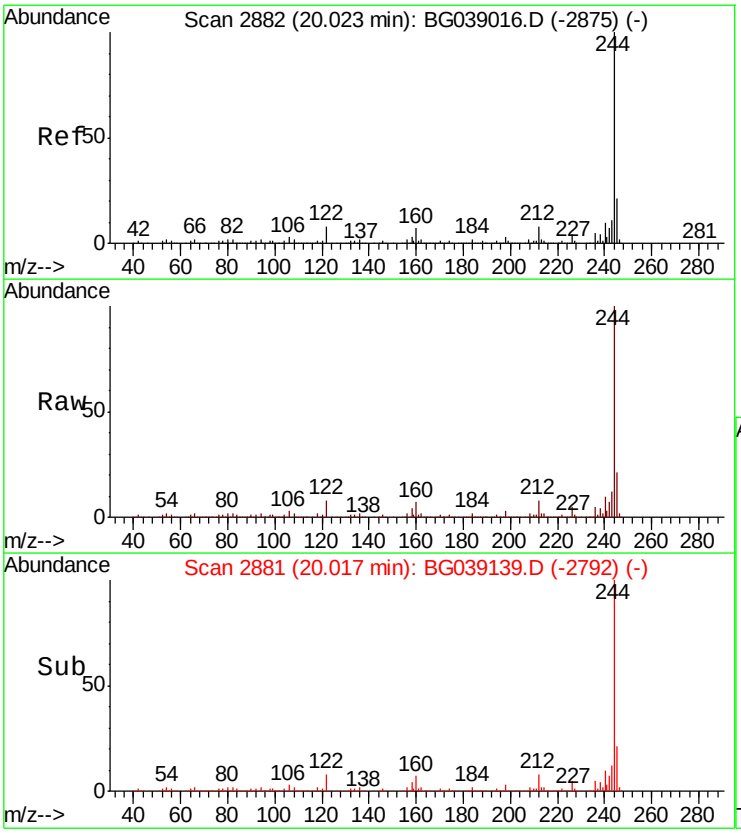
#77
Benzidine
Concen: 2.987 ng
RT: 20.02 min Scan# 2881
Delta R.T. 0.36 min
Lab File: BG039139.D
Acq: 15 Jan 2019 19:52

Instrument :
BNA_G
ClientSampleId :
S-7

Tgt Ion:184 Resp: 16359

Ion	Ratio	Lower	Upper
184	100		
185	14.7	12.1	18.1
183	8.3	9.5	14.3#

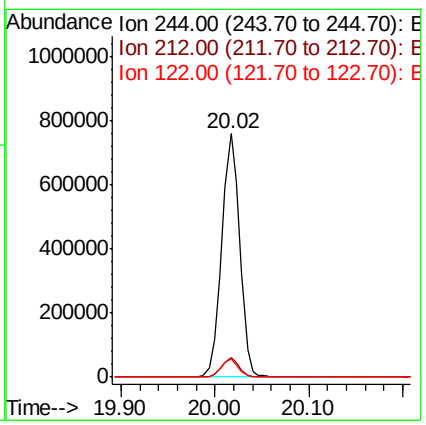


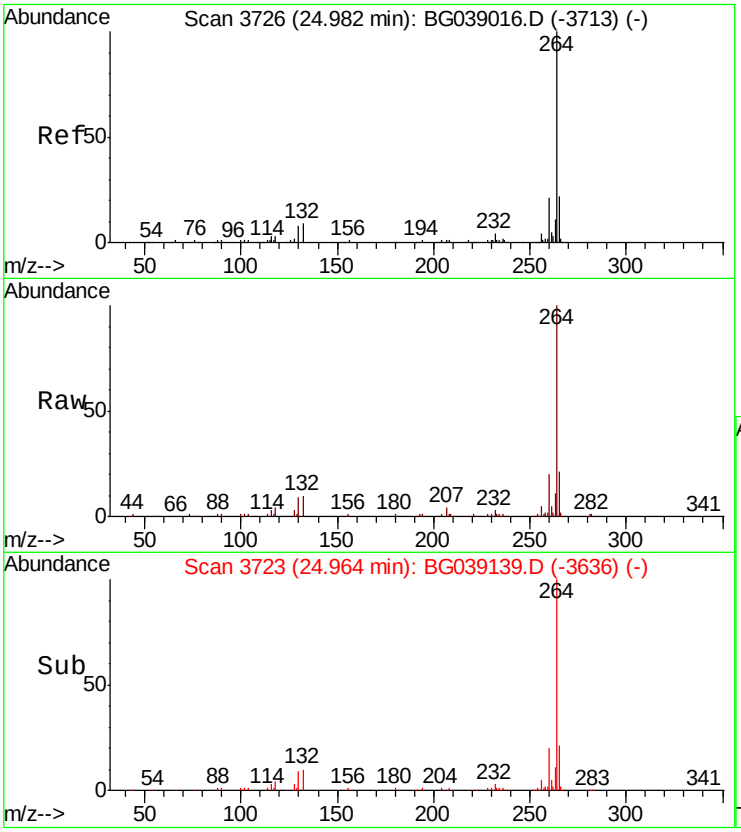


#79
Terphenyl-d14
Concen: 104.911 ng
RT: 20.02 min Scan# 2881
Delta R.T. -0.01 min
Lab File: BG039139.D
Acq: 15 Jan 2019 19:52

Tgt Ion:244 Resp: 1015475

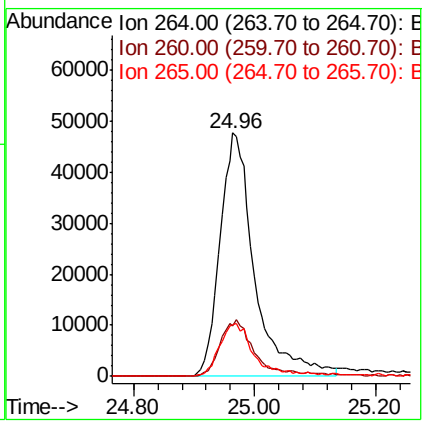
Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.1	9.1
122	7.6	6.1	9.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.96 min Scan# 3723
Delta R.T. -0.02 min
Lab File: BG039139.D
Acq: 15 Jan 2019 19:52

Instrument :
BNA_G
ClientSampleId :
S-7

Tgt Ion:264 Resp: 189623

Ion	Ratio	Lower	Upper
264	100		
260	20.4	17.0	25.6
265	21.4	17.2	25.8