Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011119\
Data File : BG039110.D
Acq On : 12 Jan 2019 9:10
Operator : JU/SJ
Sample : K1100-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jan 14 10:03:09 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	8.02	152	23025	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	109949	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	76470	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	217013	20.00	ng	0.00
76) Chrysene-d12	21.69	240	203544	20.00	ng	-0.01
87) Perylene-d12	24.96	264	202091	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	176865	145.72	ng	0.00
7) Phenol-d6	7.19	99	227575	130.28	ng	0.00
23) Nitrobenzene-d5	9.20	82	167370	83.30	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	163704	127.71	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	500056	89.49	ng	0.00
79) Terphenyl-d14	20.01	244	974203	88.54	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.20	70	21839	19.039	ng	# 62
51) 2,6-Dinitrotoluene	14.66	165	9525	6.593	ng	# 26
57) 2,4-Dinitrotoluene	14.66	165	9525	4.595	ng	# 28
67) 4-Bromophenyl-phenylether	16.15	248	10222	3.664	ng	# 1
77) Benzidine	20.01	184	15338	2.464	ng	# 94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011119\
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Acq On : 12 Jan 2019 9:10
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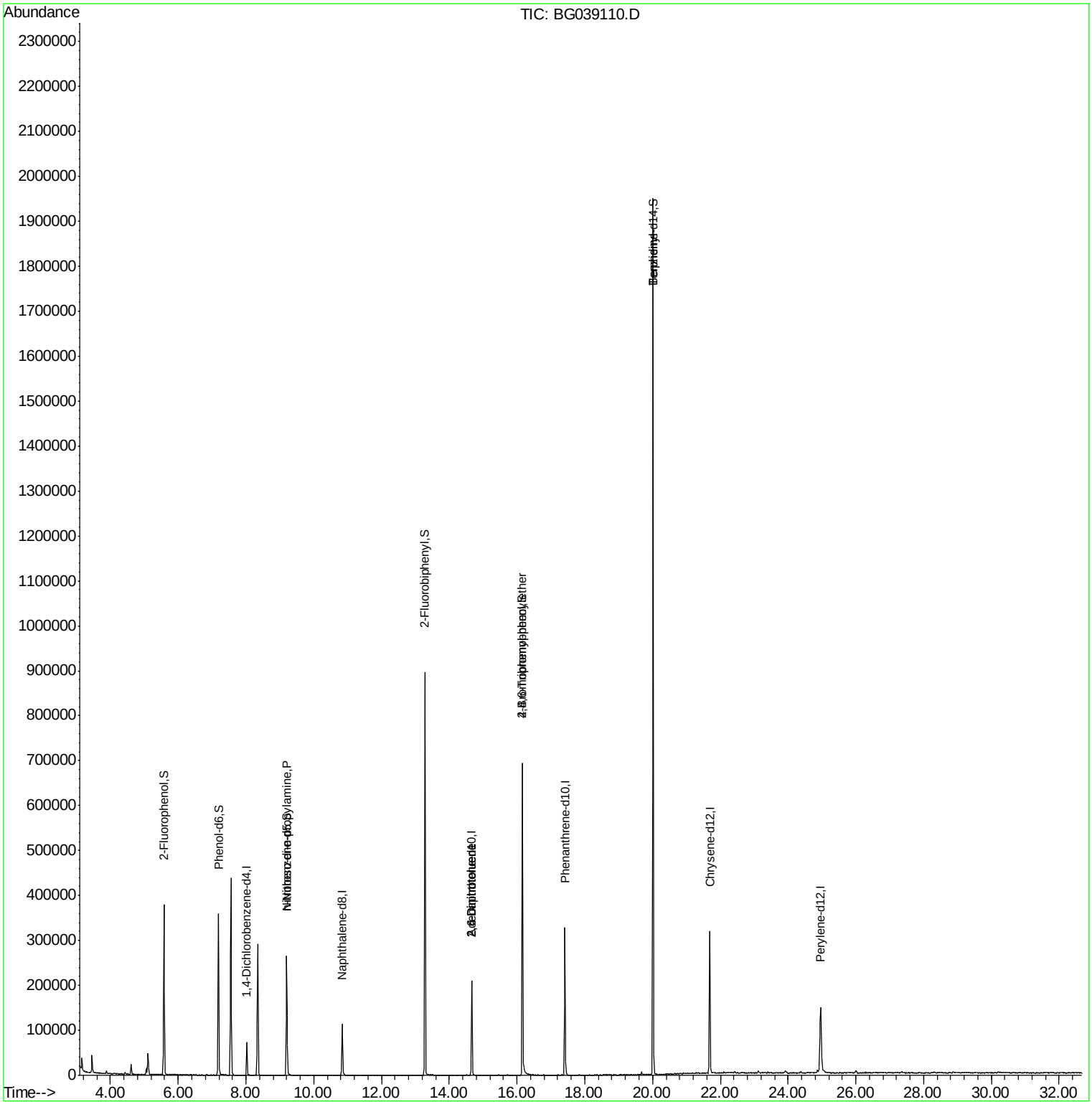
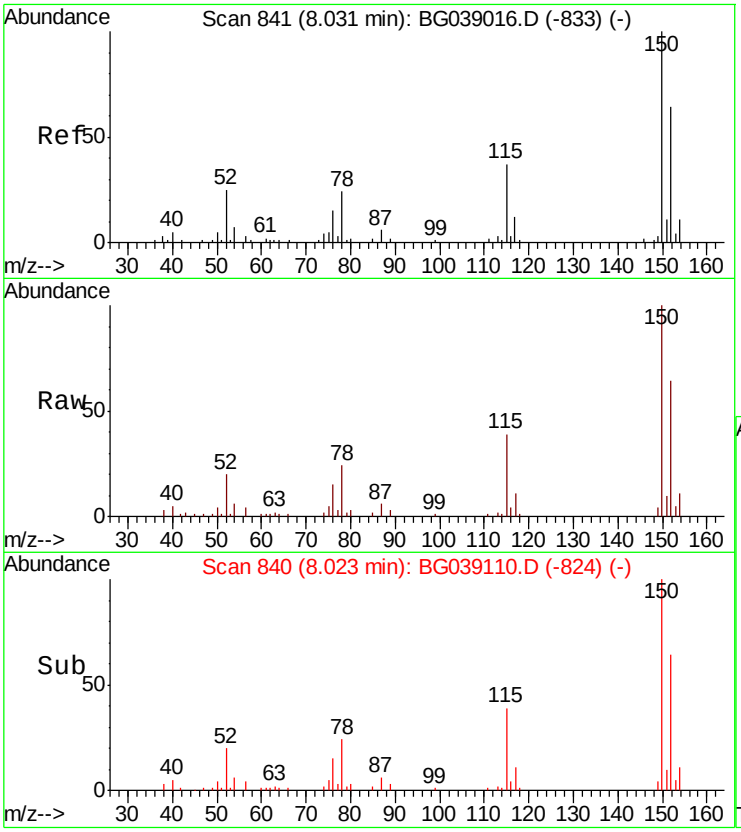
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 09 14:23:53 2019
Response via : Initial Calibration



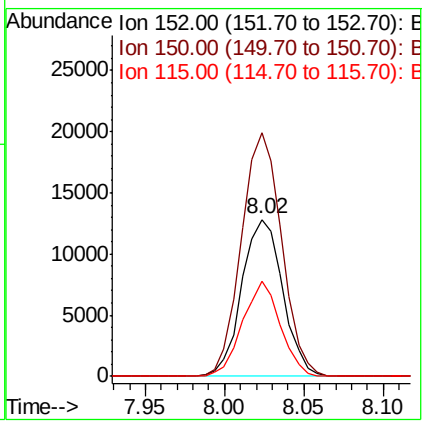


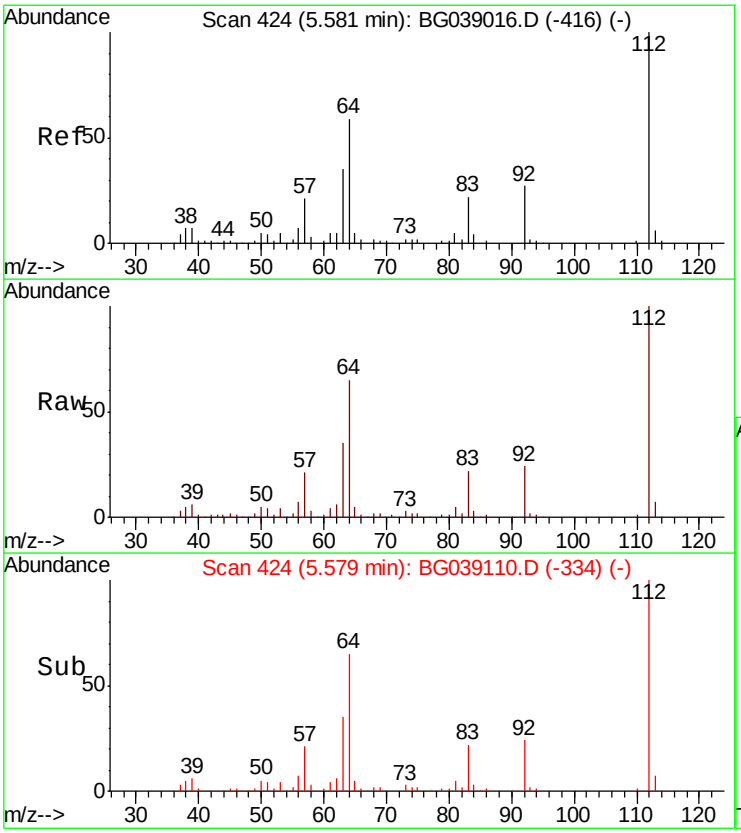
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG039110.D
Acq: 12 Jan 2019 9:10

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 23025

Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.7	187.1
115	61.2	46.5	69.7

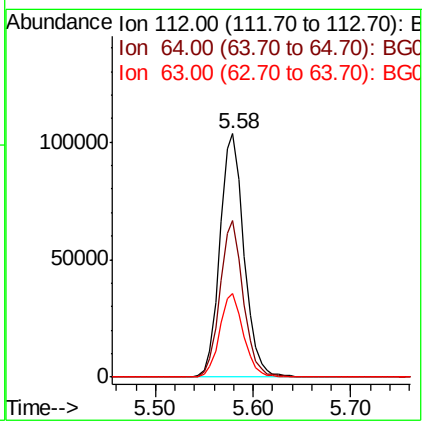


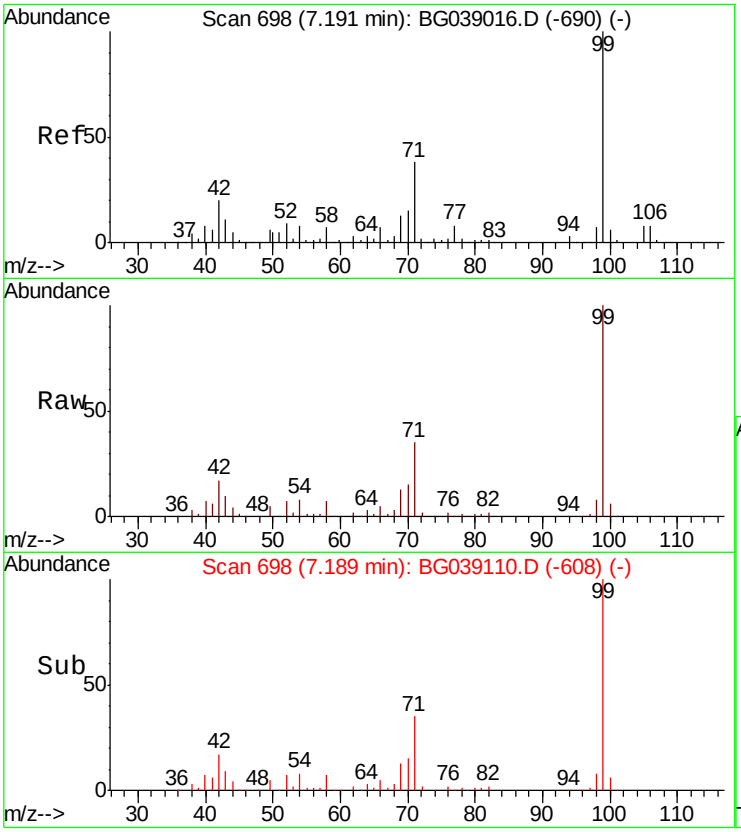


#5
2-Fluorophenol
Concen: 145.715 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG039110.D
Acq: 12 Jan 2019 9:10

Tgt Ion:112 Resp: 176865

Ion	Ratio	Lower	Upper
112	100		
64	64.6	47.0	70.6
63	34.5	28.0	42.0



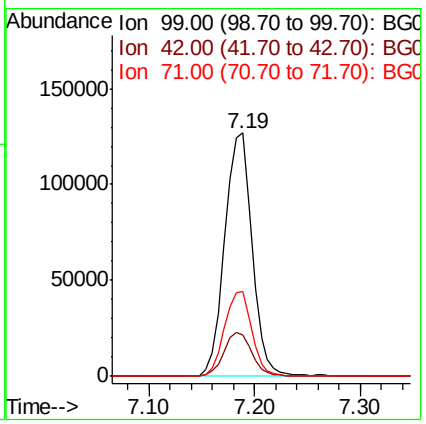


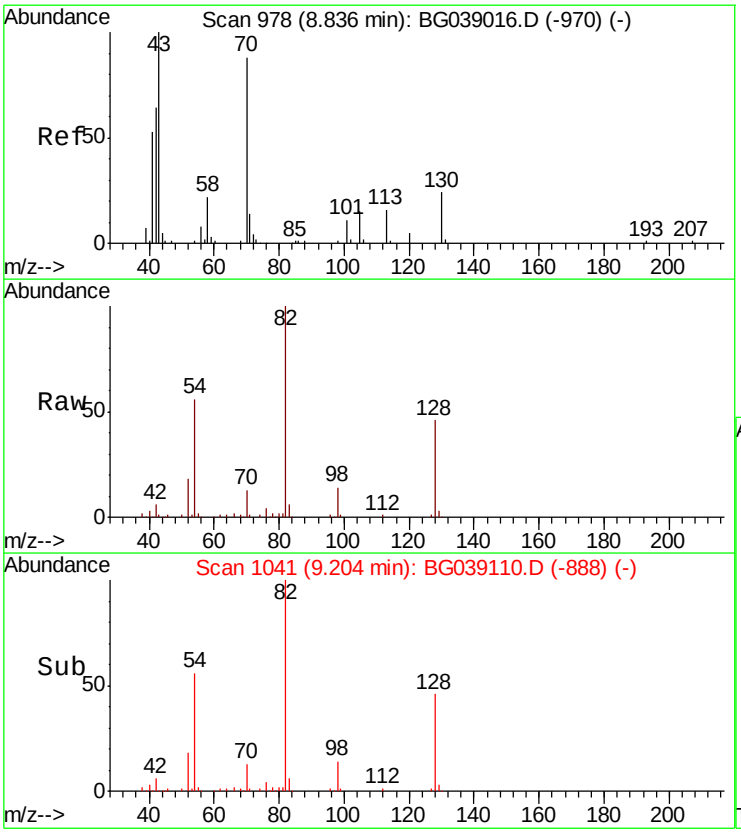
#7
Phenol-d6
Concen: 130.283 ng
RT: 7.19 min Scan# 698
Delta R.T. -0.00 min
Lab File: BG039110.D
Acq: 12 Jan 2019 9:10

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 227575

Ion	Ratio	Lower	Upper
99	100		
42	17.1	15.8	23.6
71	34.7	30.2	45.4

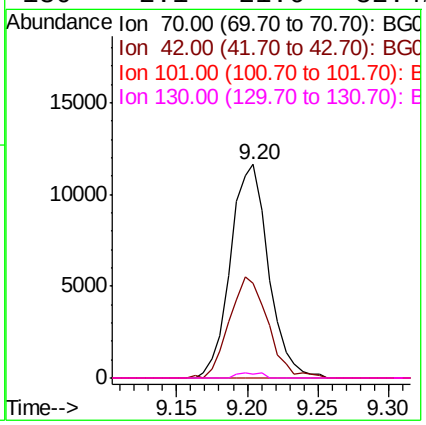


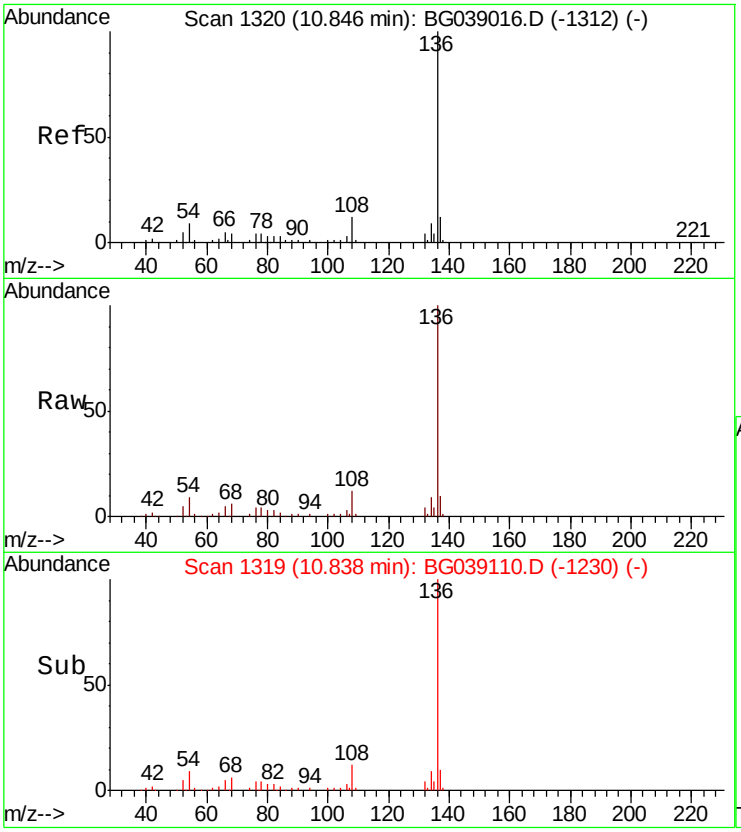


#19
n-Nitroso-di-n-propylamine
Concen: 19.039 ng
RT: 9.20 min Scan# 1041
Delta R.T. 0.37 min
Lab File: BG039110.D
Acq: 12 Jan 2019 9:10

Tgt Ion: 70 Resp: 21839

Ion	Ratio	Lower	Upper
70	100		
42	44.1	59.0	88.4#
101	0.0	10.4	15.6#
130	2.1	21.6	32.4#



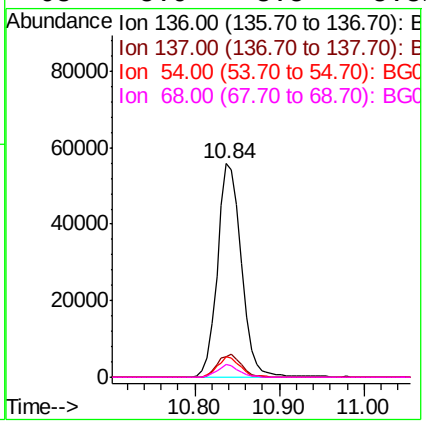


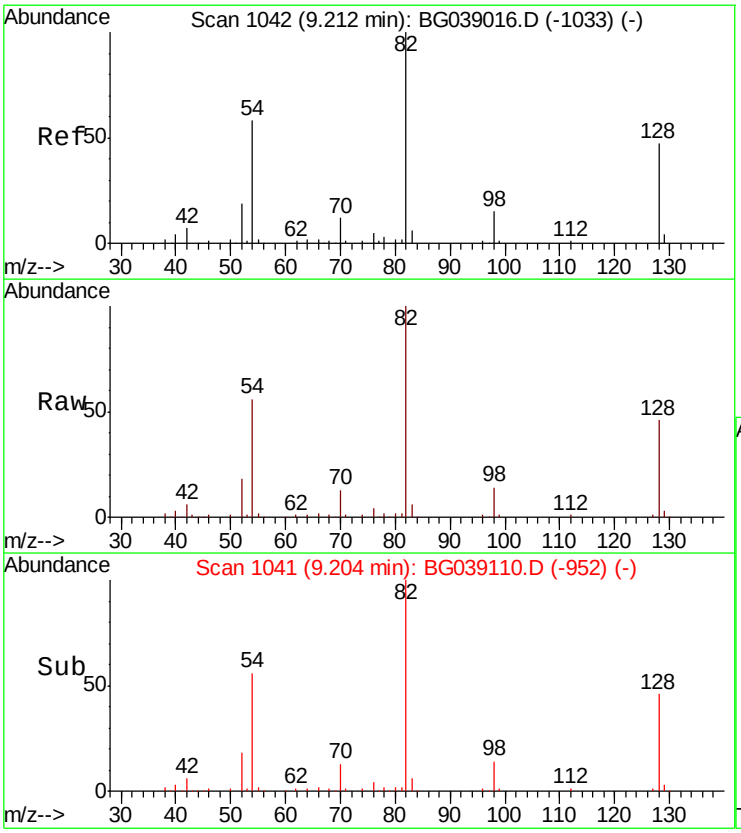
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BG039110.D
Acq: 12 Jan 2019 9:10

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 109949

Ion	Ratio	Lower	Upper
136	100		
137	9.8	9.4	14.2
54	9.3	7.2	10.8
68	5.9	3.5	5.3#

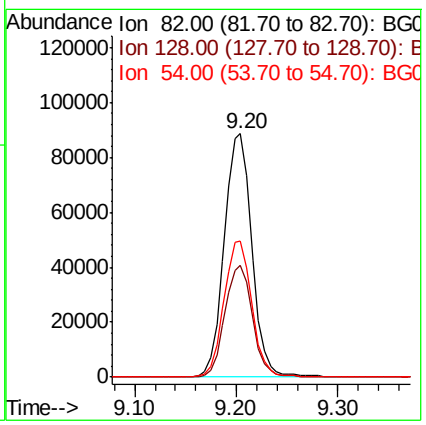


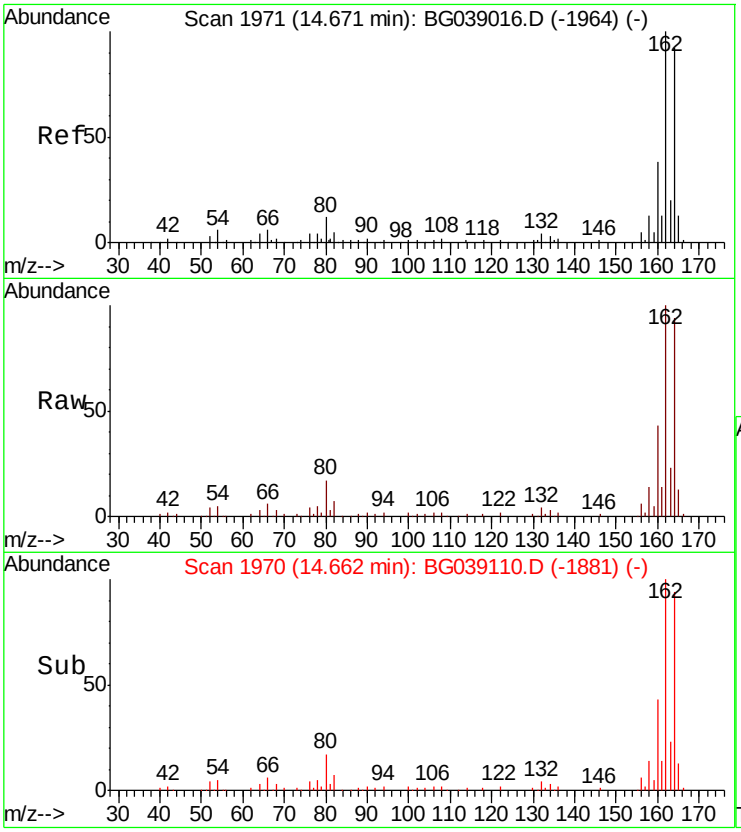


#23
Nitrobenzene-d5
Concen: 83.297 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG039110.D
Acq: 12 Jan 2019 9:10

Tgt Ion: 82 Resp: 167370

Ion	Ratio	Lower	Upper
82	100		
128	45.7	37.3	55.9
54	55.9	46.4	69.6



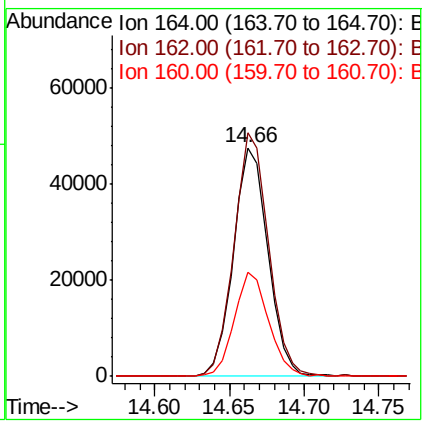


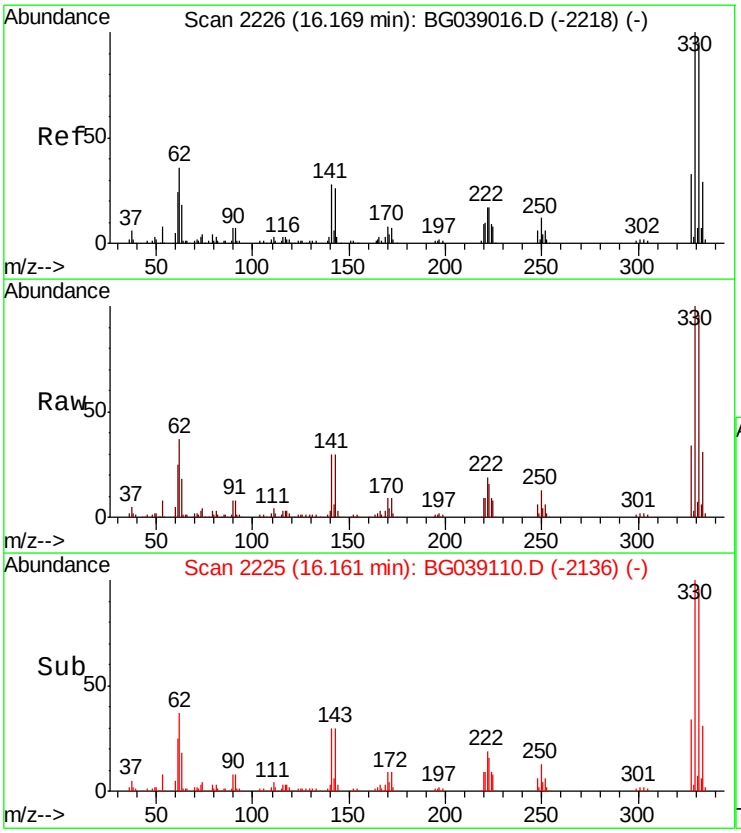
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG039110.D
Acq: 12 Jan 2019 9:10

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 76470

Ion	Ratio	Lower	Upper
164	100		
162	106.5	87.2	130.8
160	45.5	33.3	49.9

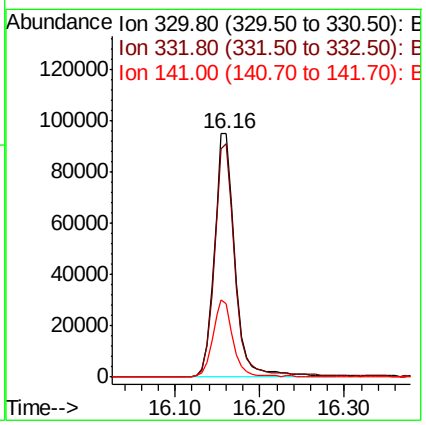


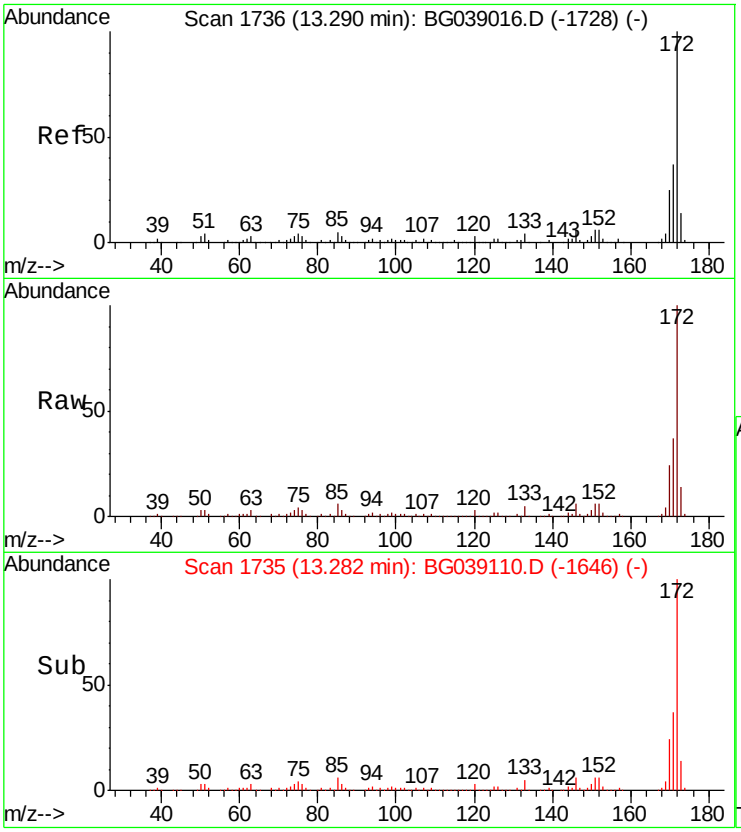


#42
2,4,6-Tribromophenol
Concen: 127.709 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BG039110.D
Acq: 12 Jan 2019 9:10

Tgt Ion:330 Resp: 163704

Ion	Ratio	Lower	Upper
330	100		
332	94.1	75.7	113.5
141	31.2	24.9	37.3



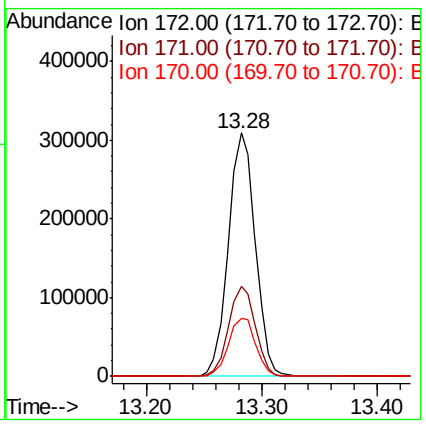


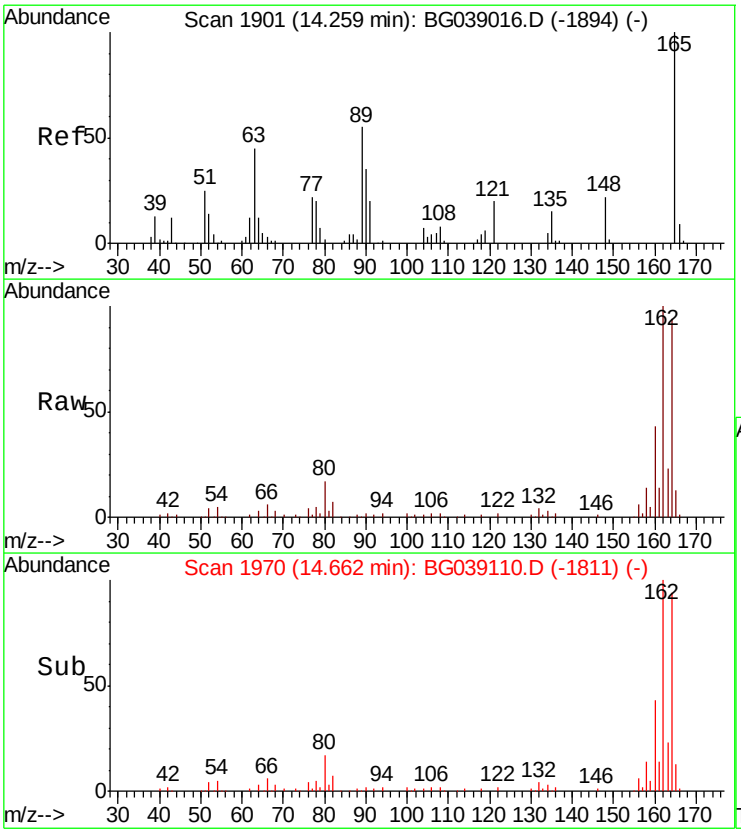
#45
2-Fluorobiphenyl
Concen: 89.494 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.01 min
Lab File: BG039110.D
Acq: 12 Jan 2019 9:10

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 500056

Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.4	44.0
170	24.1	20.1	30.1

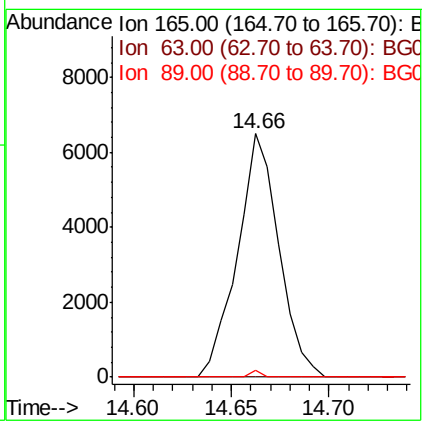


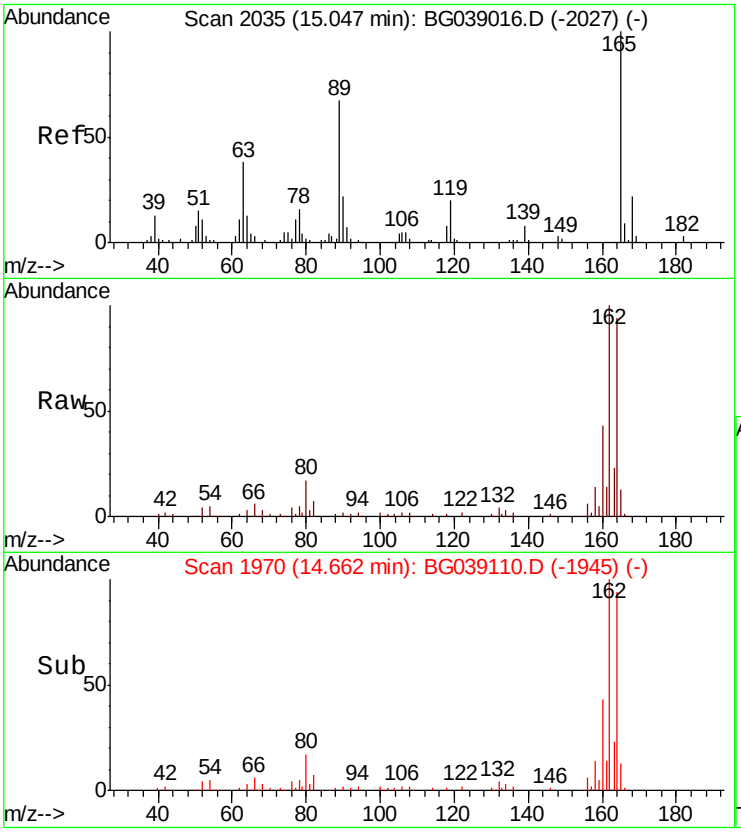


#51
2,6-Dinitrotoluene
Concen: 6.593 ng
RT: 14.66 min Scan# 1970
Delta R.T. 0.40 min
Lab File: BG039110.D
Acq: 12 Jan 2019 9:10

Tgt Ion:165 Resp: 9525

Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.6	65.4#
89	2.6	43.7	65.5#



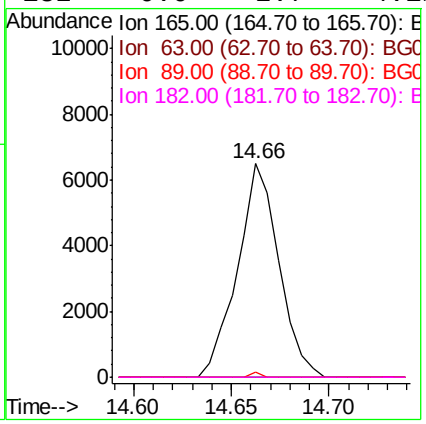


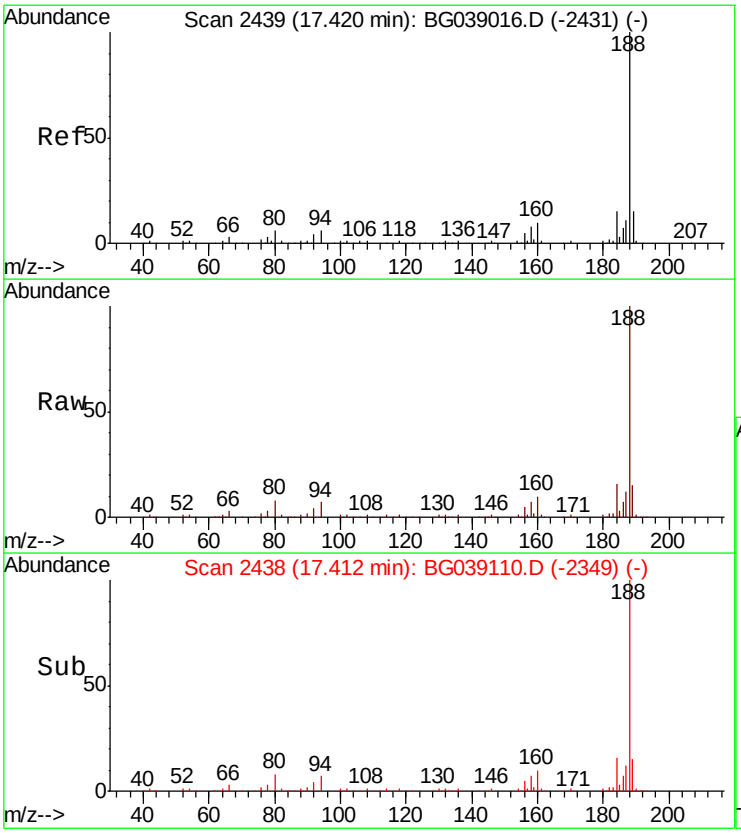
#57
2,4-Dinitrotoluene
Concen: 4.595 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.38 min
Lab File: BG039110.D
Acq: 12 Jan 2019 9:10

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 9525

Ion	Ratio	Lower	Upper
165	100		
63	0.0	30.2	45.4#
89	2.6	53.2	79.8#
182	0.0	2.7	4.1#

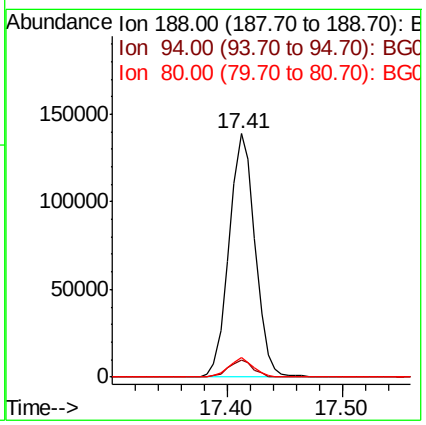


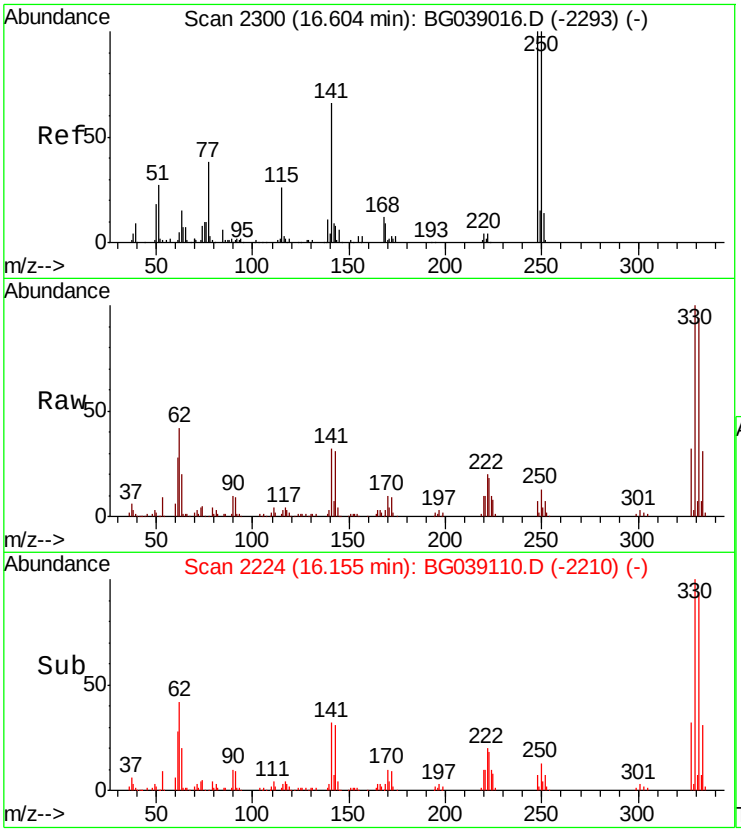


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG039110.D
Acq: 12 Jan 2019 9:10

Tgt Ion:188 Resp: 217013

Ion	Ratio	Lower	Upper
188	100		
94	7.1	5.0	7.4
80	7.8	4.7	7.1#



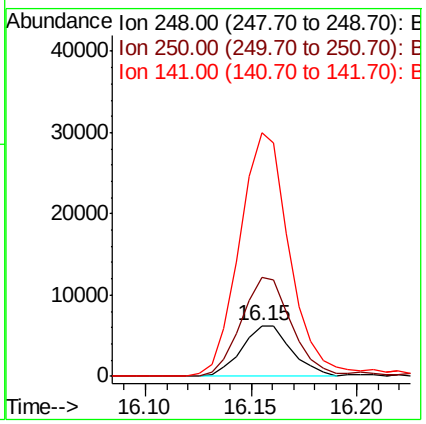


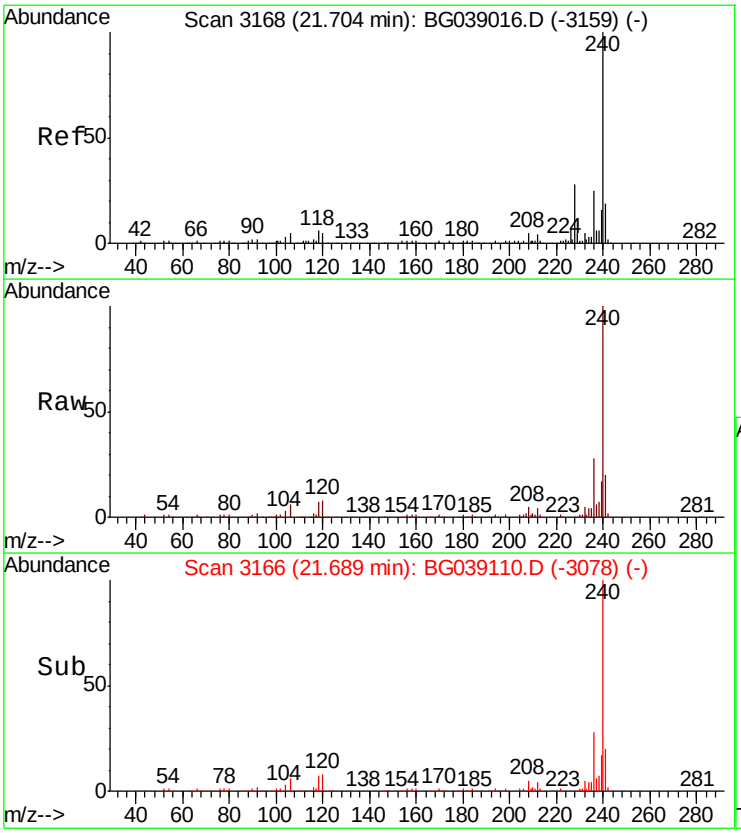
#67
4-Bromophenyl-phenylether
Concen: 3.664 ng
RT: 16.15 min Scan# 2224
Delta R.T. -0.45 min
Lab File: BG039110.D
Acq: 12 Jan 2019 9:10

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 10222

Ion	Ratio	Lower	Upper
248	100		
250	187.0	79.9	119.9#
141	359.4	52.7	79.1#

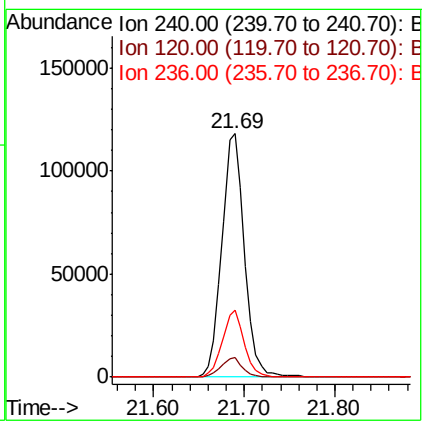


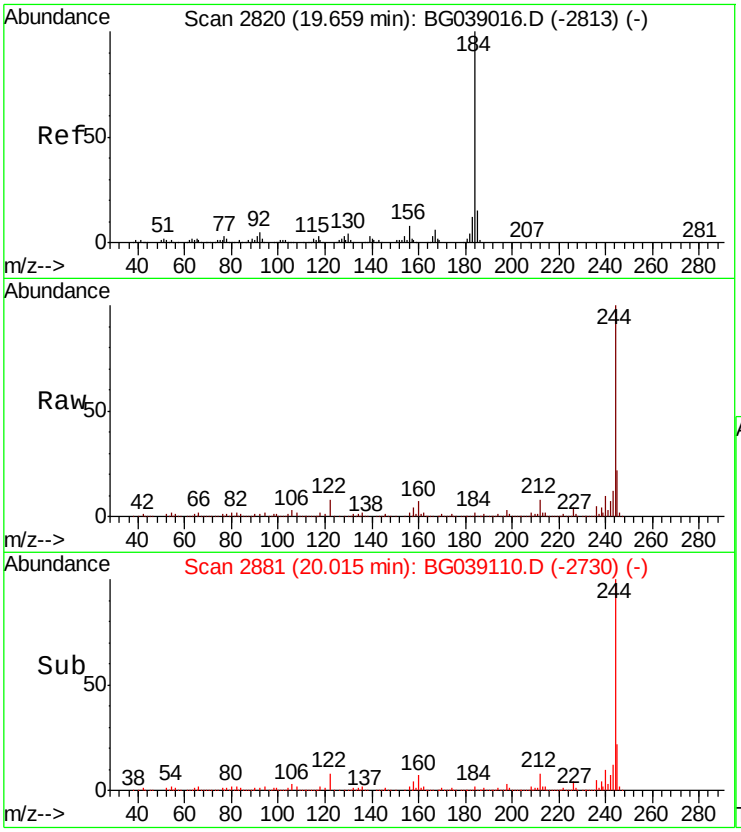


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG039110.D
Acq: 12 Jan 2019 9:10

Tgt Ion:240 Resp: 203544

Ion	Ratio	Lower	Upper
240	100		
120	7.9	4.3	6.5#
236	27.7	20.1	30.1



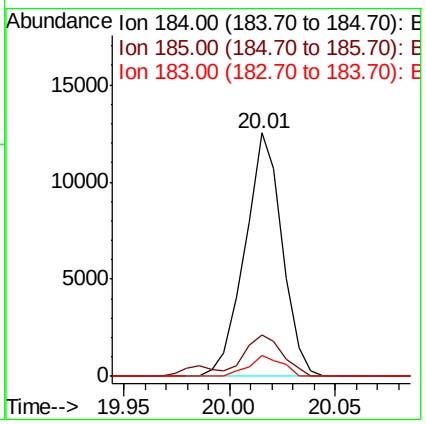


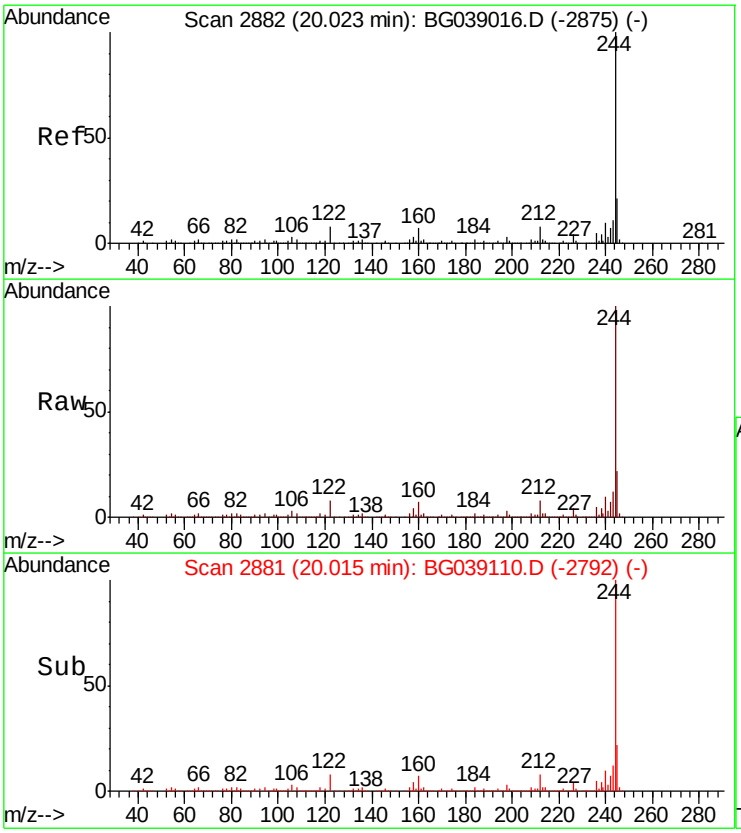
#77
Benzidine
Concen: 2.464 ng
RT: 20.01 min Scan# 2881
Delta R.T. 0.36 min
Lab File: BG039110.D
Acq: 12 Jan 2019 9:10

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 15338

Ion	Ratio	Lower	Upper
184	100		
185	16.9	12.1	18.1
183	8.8	9.5	14.3#

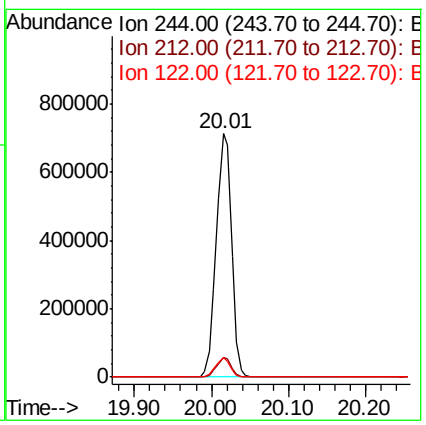


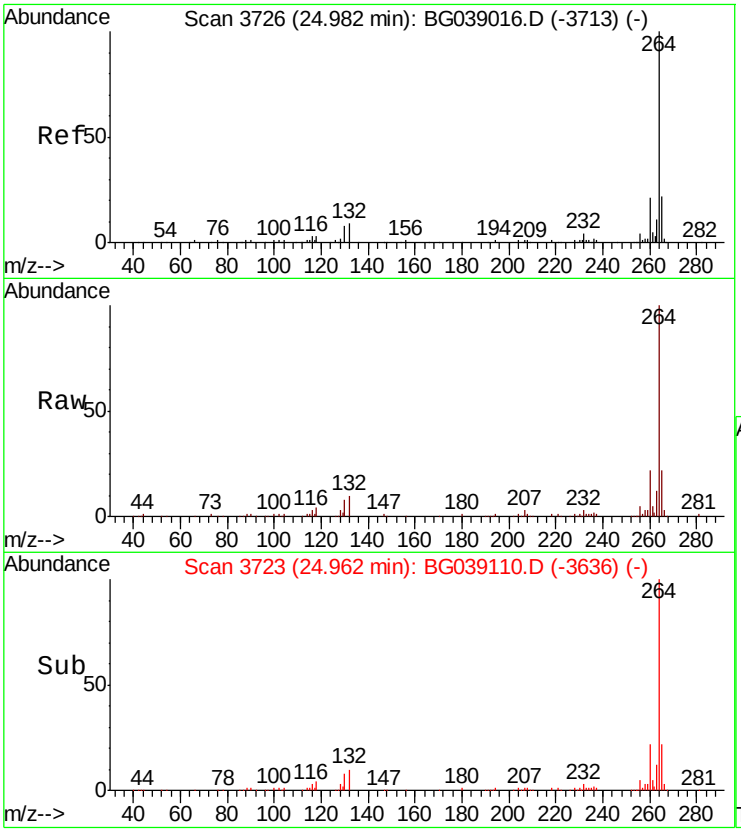


#79
Terphenyl-d14
Concen: 88.540 ng
RT: 20.01 min Scan# 2881
Delta R.T. -0.01 min
Lab File: BG039110.D
Acq: 12 Jan 2019 9:10

Tgt Ion:244 Resp: 974203

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.1	9.1
122	8.0	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: BG039110.D
Acq: 12 Jan 2019 9:10

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 202091

Ion	Ratio	Lower	Upper
264	100		
260	22.3	17.0	25.6
265	21.7	17.2	25.8