Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100418\
Data File : BG037144.D
Acq On : 4 Oct 2018 3:38
Operator : JU/SJ
Sample : J5194-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HR-06-100218-A

Quant Time: Oct 04 04:21:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 24 10:41:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	52278	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	205263	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	121229	20.00	ng	-0.02
63) Phenanthrene-d10	17.41	188	281202	20.00	ng	-0.01
75) Chrysene-d12	21.67	240	302017	20.00	ng	-0.02
86) Perylene-d12	24.88	264	295263	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	339024	124.37	ng	0.00
7) Phenol-d6	7.20	99	405217	96.08	ng	-0.01
23) Nitrobenzene-d5	9.20	82	339811	88.65	ng	-0.01
41) 2,4,6-Tribromophenol	16.15	330	144382	99.54	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	661188	81.23	ng	-0.02
78) Terphenyl-d14	20.02	244	1079238	93.96	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.20	70	44271	12.618	ng	# 69
50) 2,6-Dinitrotoluene	14.66	165	15221	7.149	ng	# 23
56) 2,4-Dinitrotoluene	14.66	165	15220	5.123	ng	# 21
66) 4-Bromophenyl-phenylether	16.15	248	9867	3.085	ng	# 1
76) Benzidine	20.02	184	18340	2.009	ng	# 91

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

Quantitation Report (Not Reviewed)

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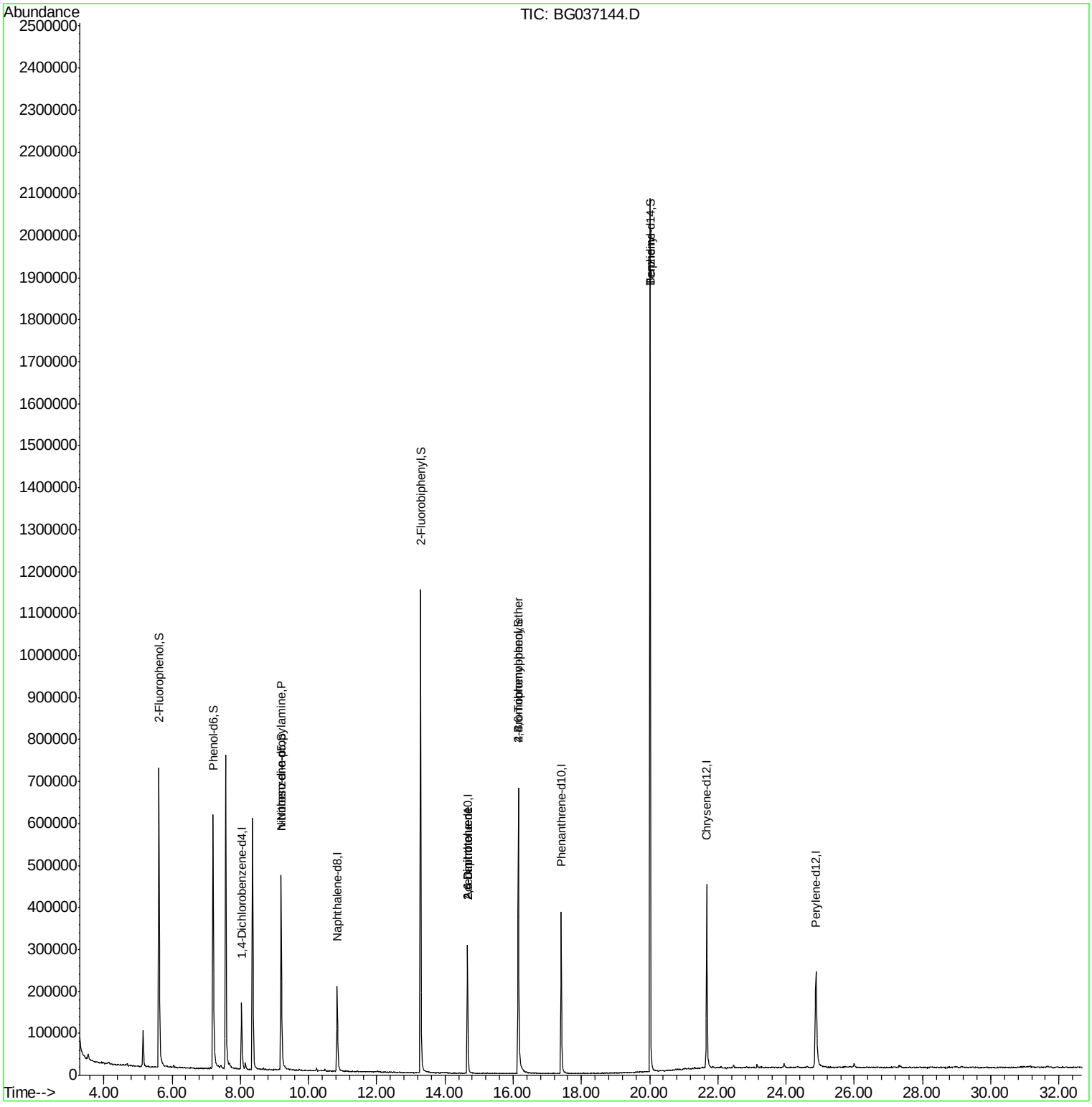
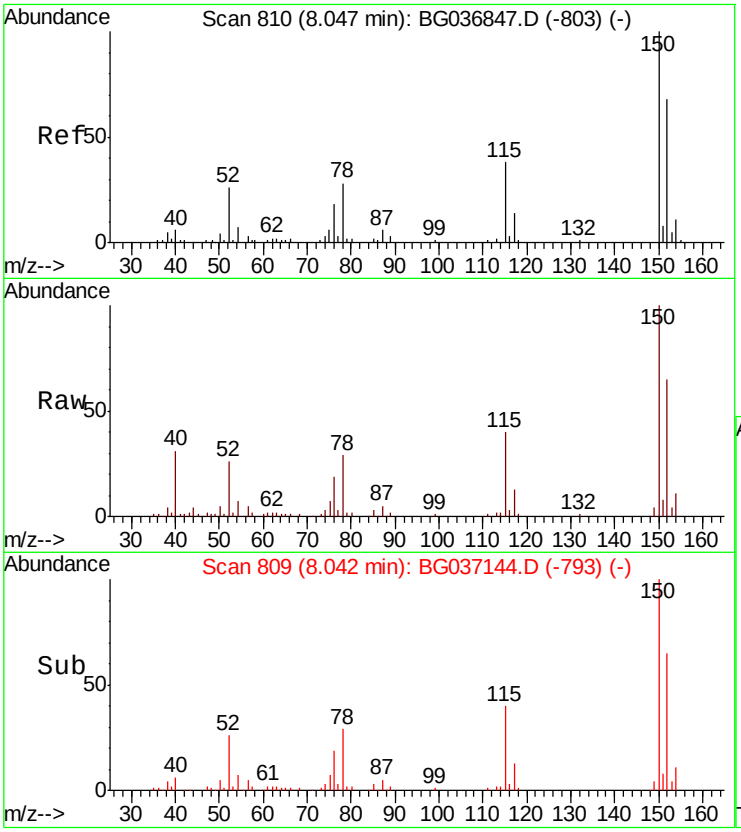


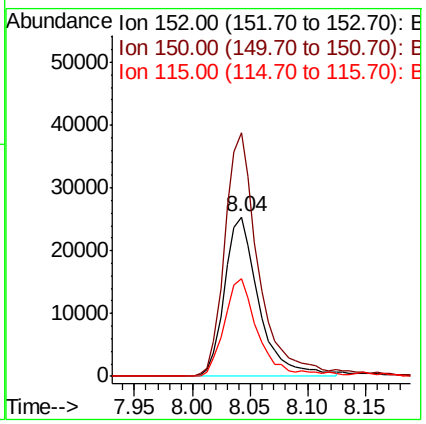


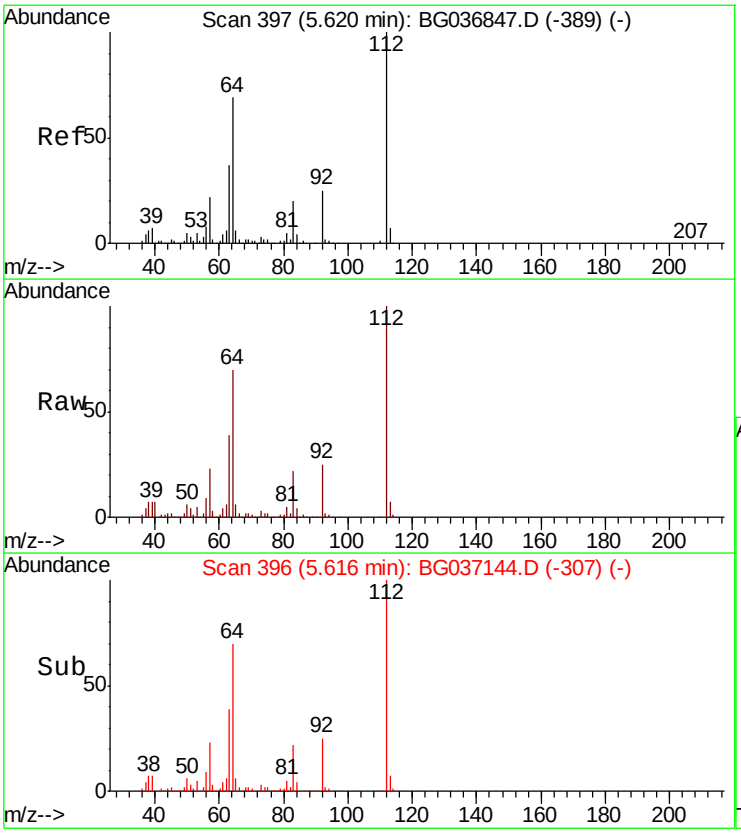
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.00 min
Lab File: BG037144.D
Acq: 4 Oct 2018 3:38

Instrument :
BNA_G
ClientSampleId :
HR-06-100218-A

Tgt Ion:152 Resp: 52278

Ion	Ratio	Lower	Upper
152	100		
150	152.9	119.5	179.3
115	61.0	44.5	66.7

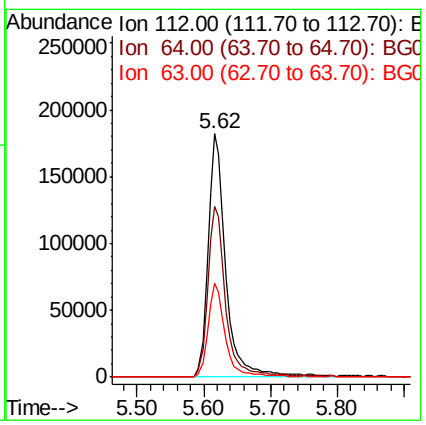


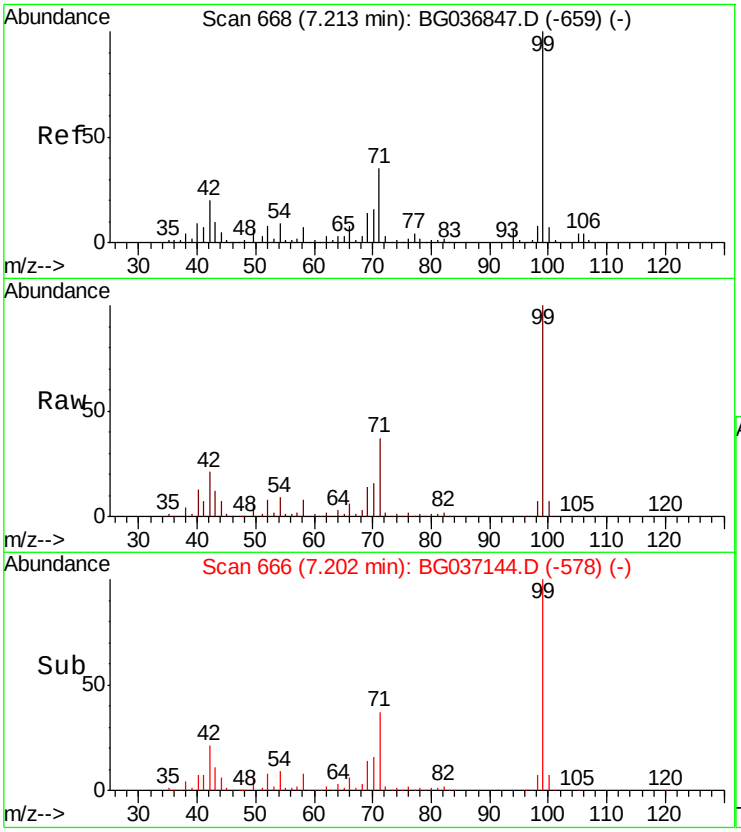


#5
2-Fluorophenol
Concen: 124.369 ng
RT: 5.62 min Scan# 396
Delta R.T. -0.00 min
Lab File: BG037144.D
Acq: 4 Oct 2018 3:38

Tgt Ion:112 Resp: 339024

Ion	Ratio	Lower	Upper
112	100		
64	70.2	57.2	85.8
63	38.6	30.8	46.2



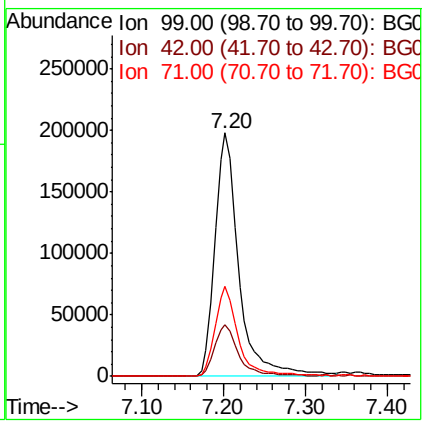


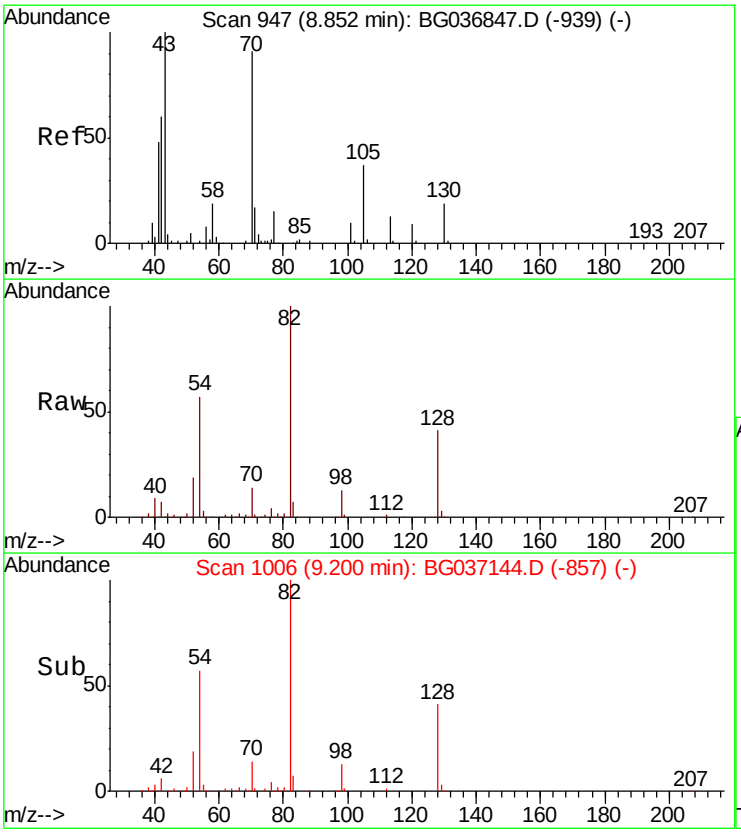
#7
Phenol-d6
Concen: 96.079 ng
RT: 7.20 min Scan# 666
Delta R.T. -0.01 min
Lab File: BG037144.D
Acq: 4 Oct 2018 3:38

Instrument :
BNA_G
ClientSampleId :
HR-06-100218-A

Tgt Ion: 99 Resp: 405217

Ion	Ratio	Lower	Upper
99	100		
42	21.0	16.5	24.7
71	37.0	29.4	44.2

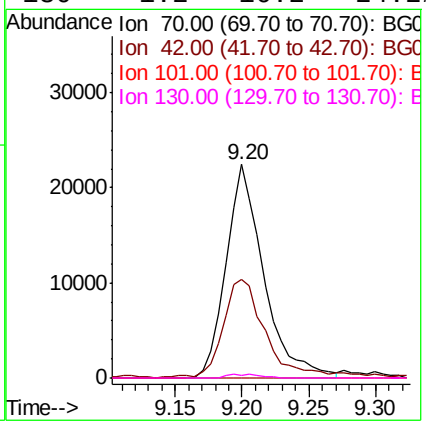


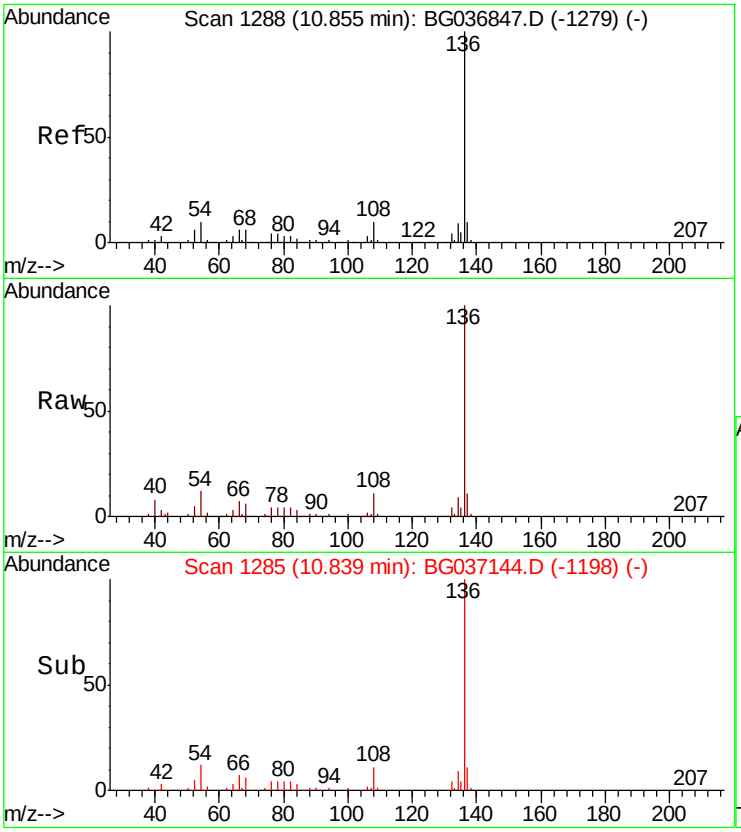


#19
n-Nitroso-di-n-propylamine
Concen: 12.618 ng
RT: 9.20 min Scan# 1006
Delta R.T. 0.35 min
Lab File: BG037144.D
Acq: 4 Oct 2018 3:38

Tgt Ion: 70 Resp: 44271

Ion	Ratio	Lower	Upper
70	100		
42	46.4	56.2	84.4#
101	0.0	7.8	11.6#
130	1.2	16.2	24.2#



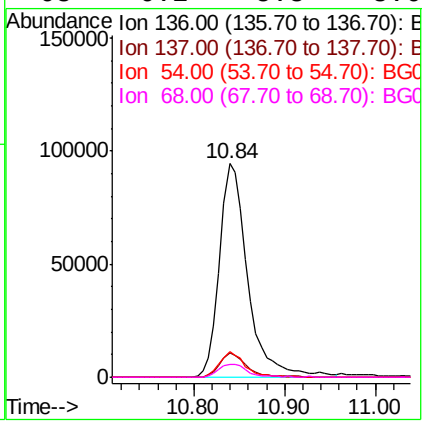


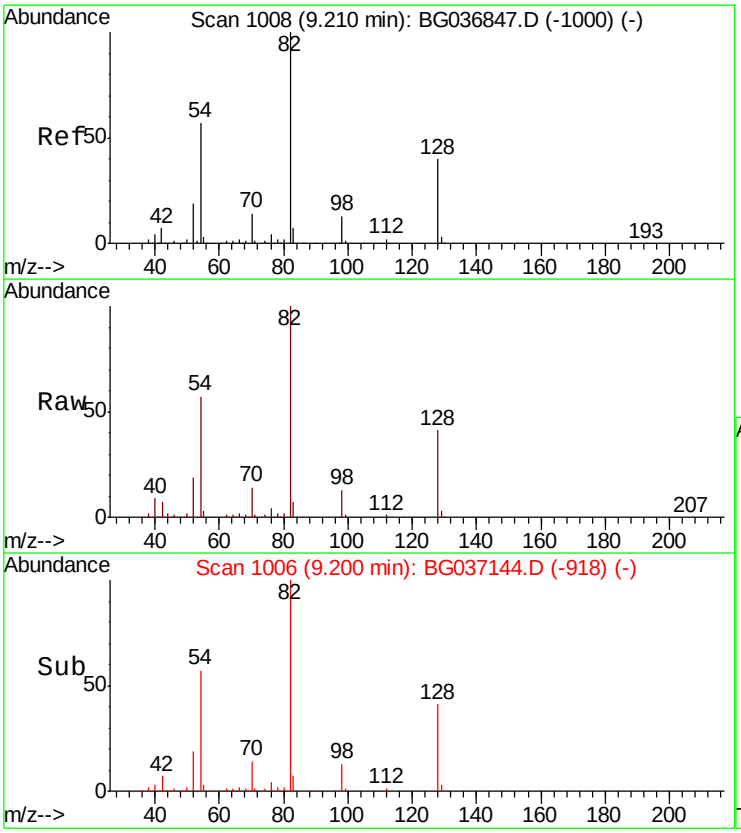
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BG037144.D
Acq: 4 Oct 2018 3:38

Instrument :
BNA_G
ClientSampleId :
HR-06-100218-A

Tgt Ion:136 Resp: 205263

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	11.9	9.2	13.8
68	6.2	5.8	8.6

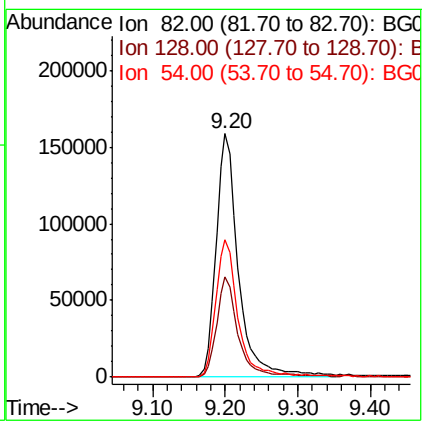


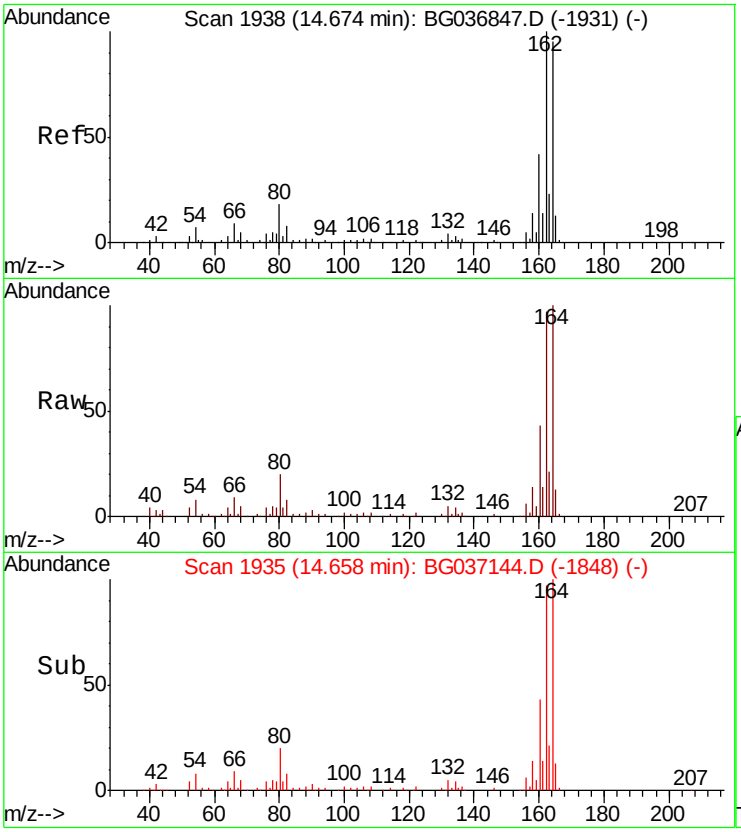


#23
Nitrobenzene-d5
Concen: 88.653 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG037144.D
Acq: 4 Oct 2018 3:38

Tgt Ion: 82 Resp: 339811

Ion	Ratio	Lower	Upper
82	100		
128	41.1	33.3	49.9
54	56.5	45.1	67.7



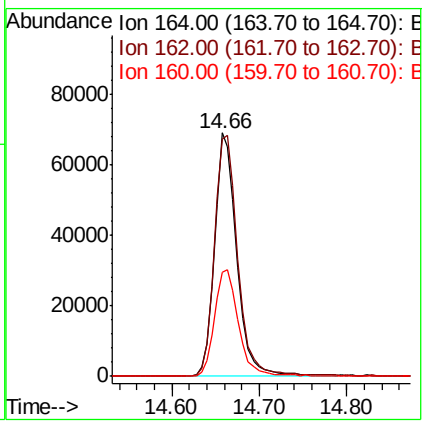


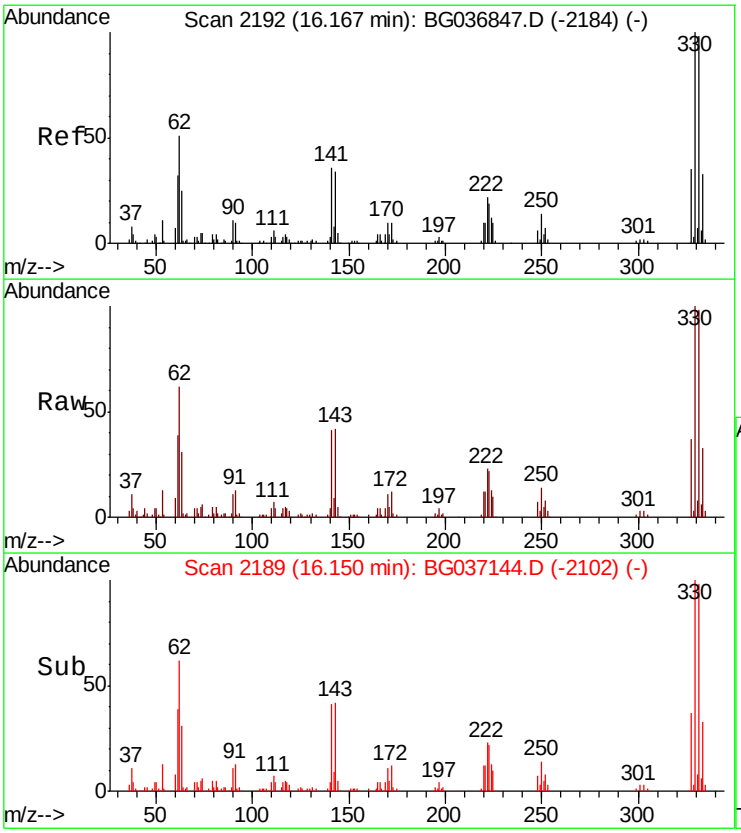
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1935
Delta R.T. -0.02 min
Lab File: BG037144.D
Acq: 4 Oct 2018 3:38

Instrument :
BNA_G
ClientSampleId :
HR-06-100218-A

Tgt Ion:164 Resp: 121229

Ion	Ratio	Lower	Upper
164	100		
162	97.2	80.7	121.1
160	42.8	35.3	52.9

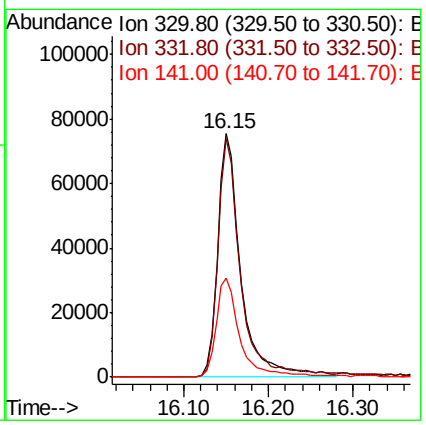


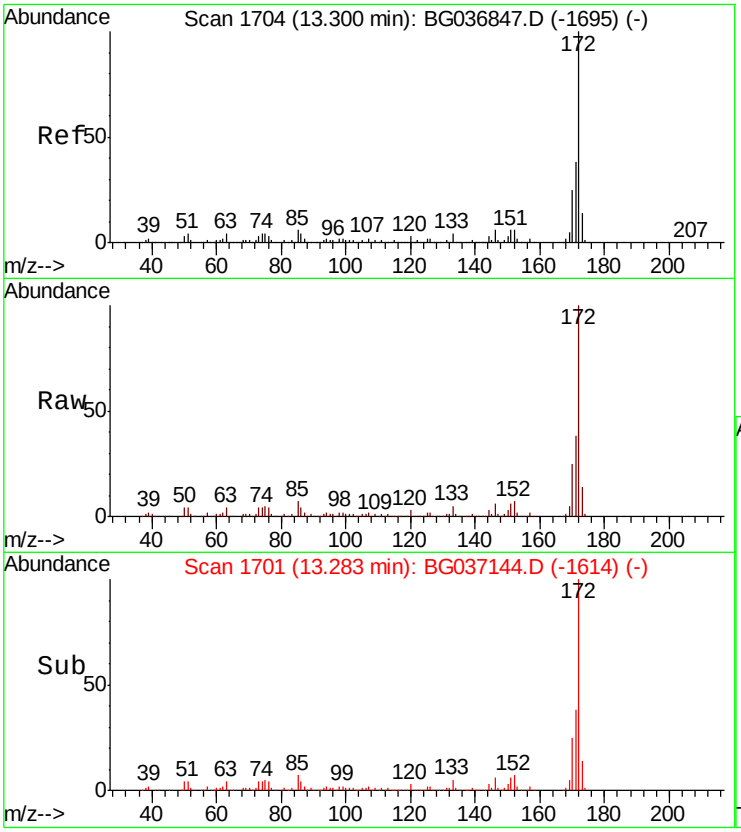


#41
2,4,6-Tribromophenol
Concen: 99.544 ng
RT: 16.15 min Scan# 2189
Delta R.T. -0.02 min
Lab File: BG037144.D
Acq: 4 Oct 2018 3:38

Tgt Ion:330 Resp: 144382

Ion	Ratio	Lower	Upper
330	100		
332	96.2	75.4	113.2
141	41.3	30.7	46.1



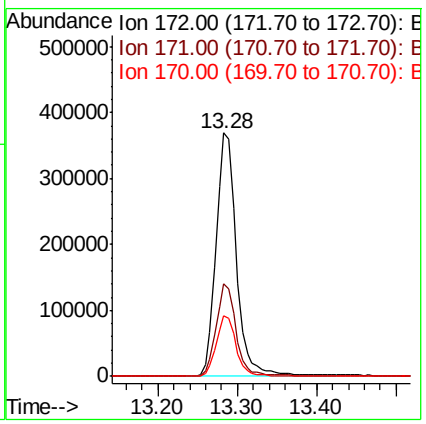


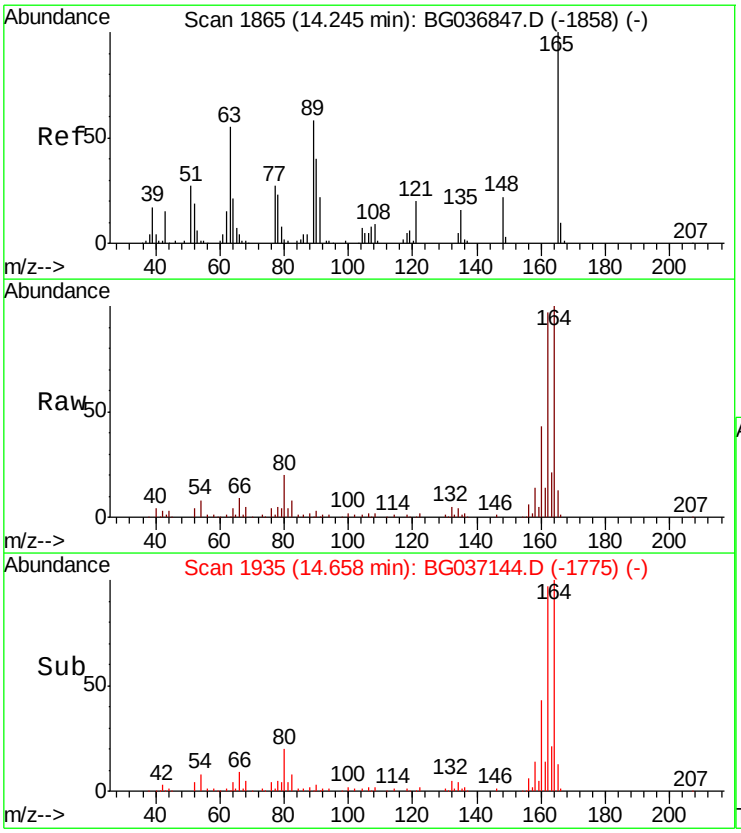
#44
2-Fluorobiphenyl
Concen: 81.232 ng
RT: 13.28 min Scan# 1701
Delta R.T. -0.02 min
Lab File: BG037144.D
Acq: 4 Oct 2018 3:38

Instrument :
BNA_G
ClientSampleId :
HR-06-100218-A

Tgt Ion:172 Resp: 661188

Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.3	46.9
170	25.0	21.0	31.6

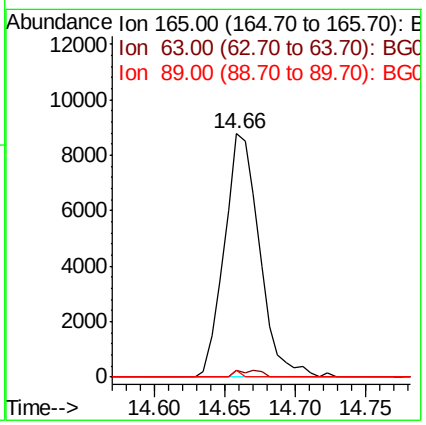


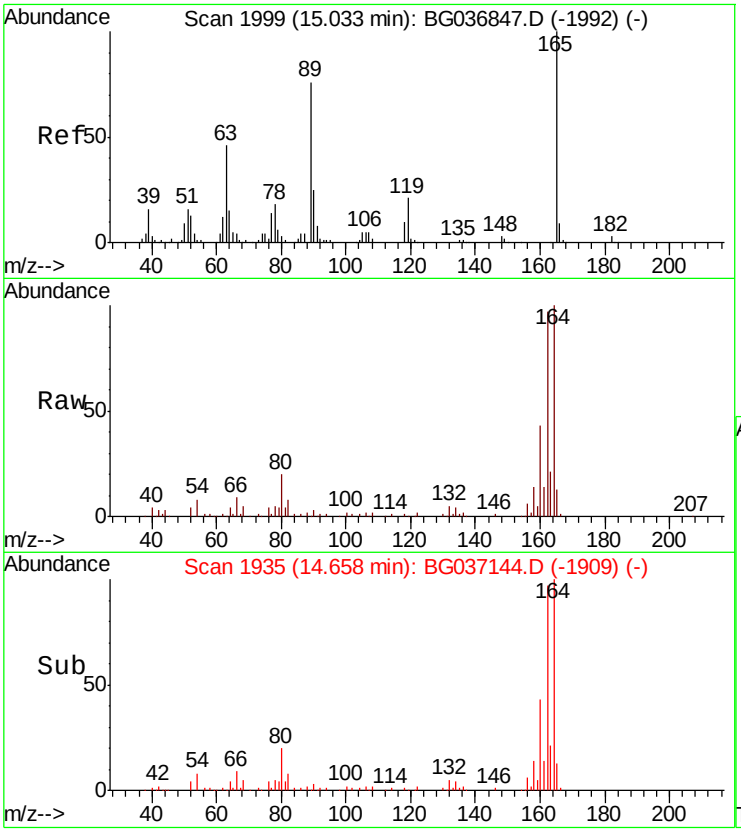


#50
2,6-Dinitrotoluene
Concen: 7.149 ng
RT: 14.66 min Scan# 1935
Delta R.T. 0.41 min
Lab File: BG037144.D
Acq: 4 Oct 2018 3:38

Tgt Ion:165 Resp: 15221

Ion	Ratio	Lower	Upper
165	100		
63	2.7	50.1	75.1#
89	2.6	47.8	71.6#



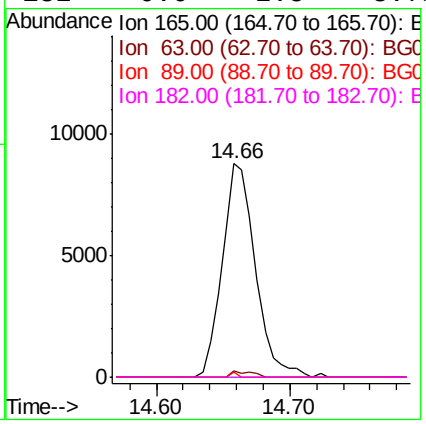


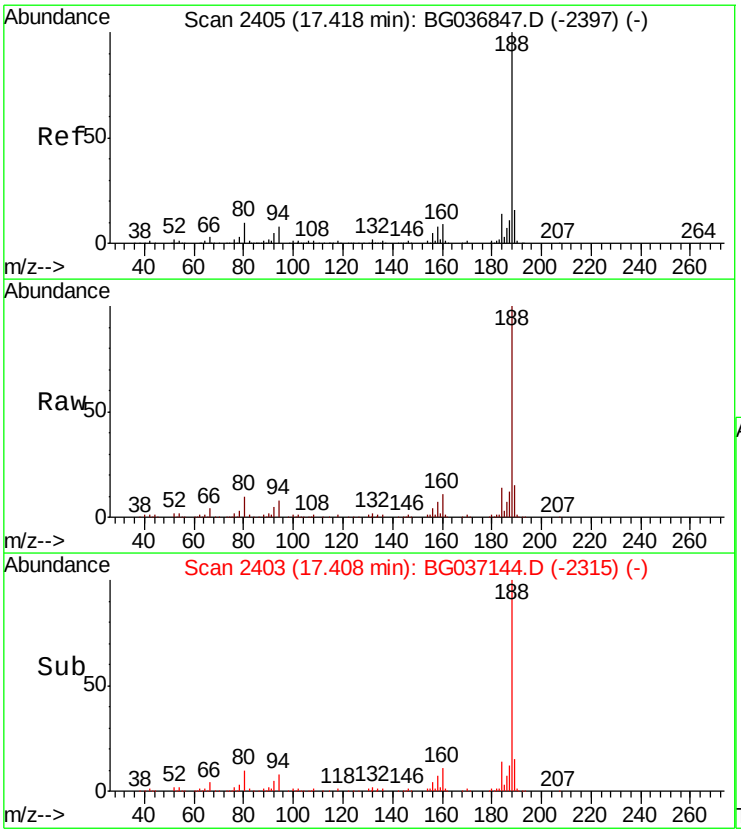
#56
2,4-Dinitrotoluene
Concen: 5.123 ng
RT: 14.66 min Scan# 1935
Delta R.T. -0.37 min
Lab File: BG037144.D
Acq: 4 Oct 2018 3:38

Instrument :
BNA_G
ClientSampleId :
HR-06-100218-A

Tgt Ion:165 Resp: 15220

Ion	Ratio	Lower	Upper
165	100		
63	2.7	40.1	60.1#
89	2.6	63.7	95.5#
182	0.0	2.5	3.7#

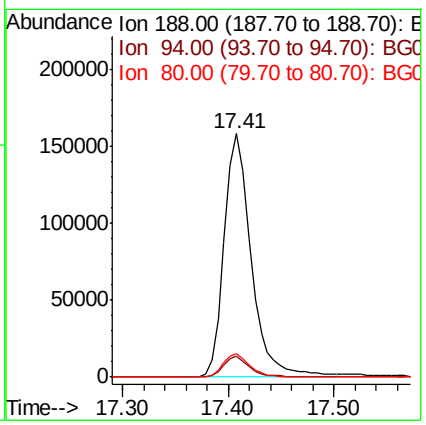


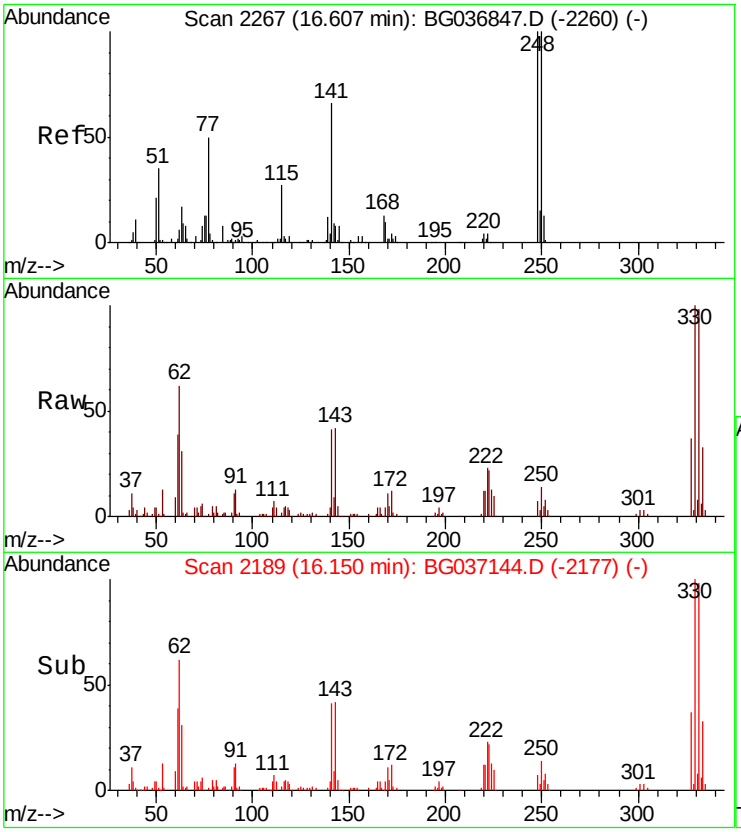


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2403
Delta R.T. -0.01 min
Lab File: BG037144.D
Acq: 4 Oct 2018 3:38

Tgt Ion:188 Resp: 281202

Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.7	10.1
80	9.7	8.1	12.1



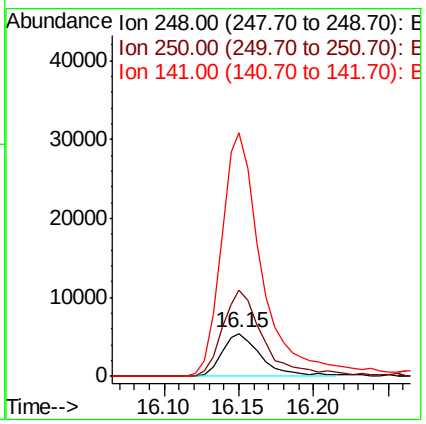


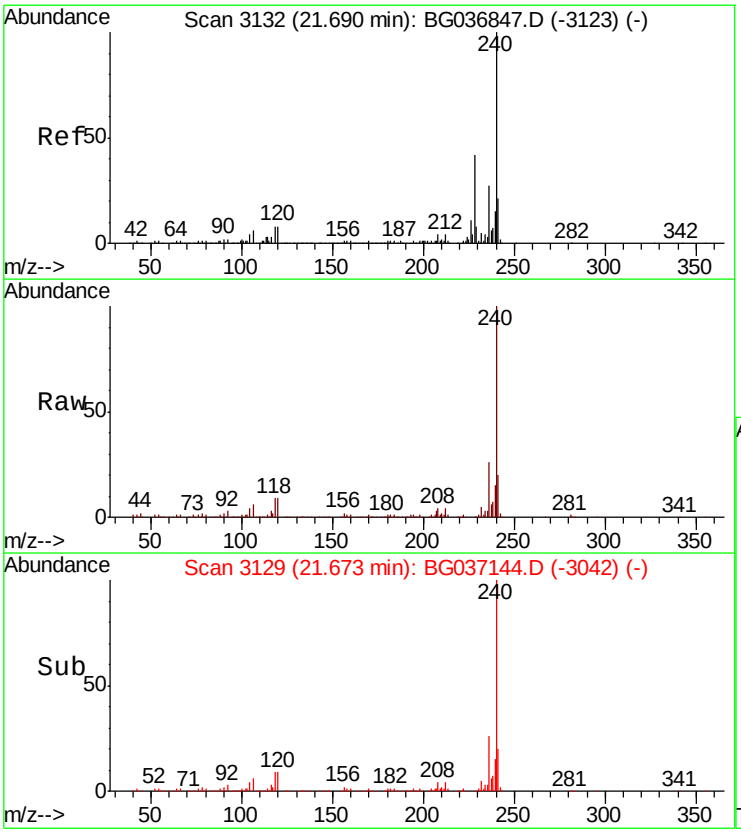
#66
4-Bromophenyl-phenylether
Concen: 3.085 ng
RT: 16.15 min Scan# 2189
Delta R.T. -0.46 min
Lab File: BG037144.D
Acq: 4 Oct 2018 3:38

Instrument :
BNA_G
ClientSampleId :
HR-06-100218-A

Tgt Ion:248 Resp: 9867

Ion	Ratio	Lower	Upper
248	100		
250	200.4	78.1	117.1#
141	569.9	53.7	80.5#

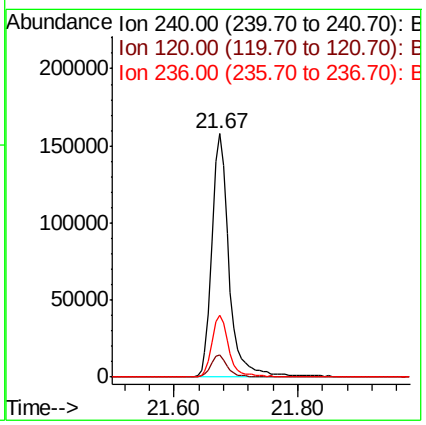


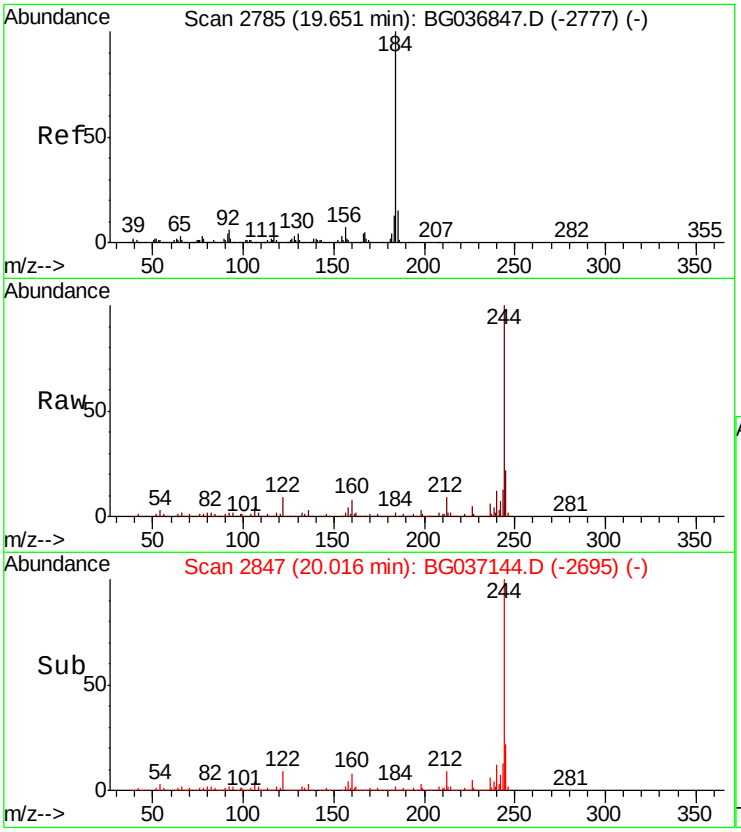


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3129
Delta R.T. -0.02 min
Lab File: BG037144.D
Acq: 4 Oct 2018 3:38

Tgt Ion:240 Resp: 302017

Ion	Ratio	Lower	Upper
240	100		
120	9.0	6.9	10.3
236	25.6	21.2	31.8



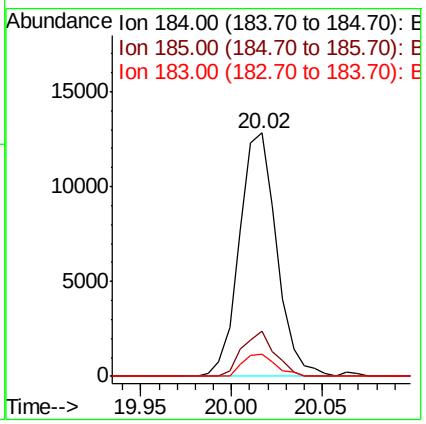


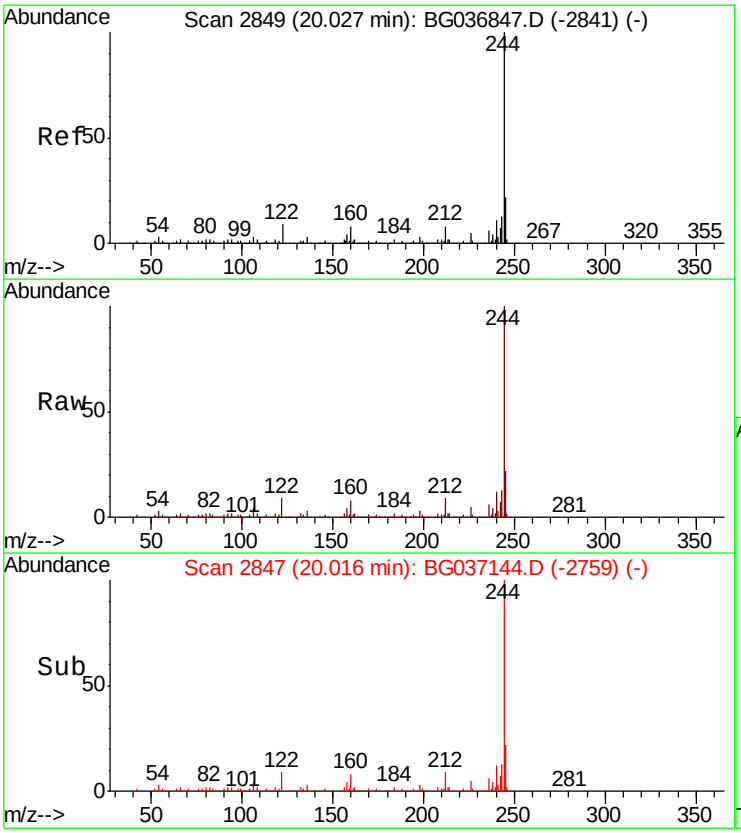
#76
Benzidine
Concen: 2.009 ng
RT: 20.02 min Scan# 2847
Delta R.T. 0.37 min
Lab File: BG037144.D
Acq: 4 Oct 2018 3:38

Instrument :
BNA_G
ClientSampleId :
HR-06-100218-A

Tgt Ion:184 Resp: 18340

Ion	Ratio	Lower	Upper
184	100		
185	18.6	12.6	18.8
183	9.2	10.9	16.3#

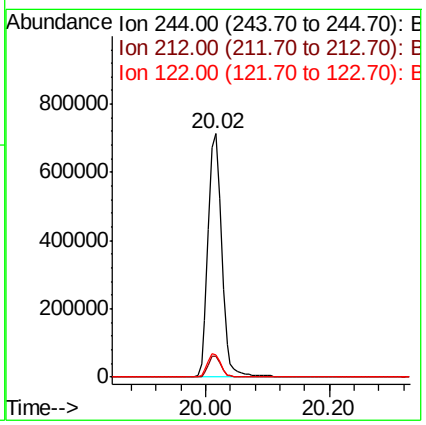


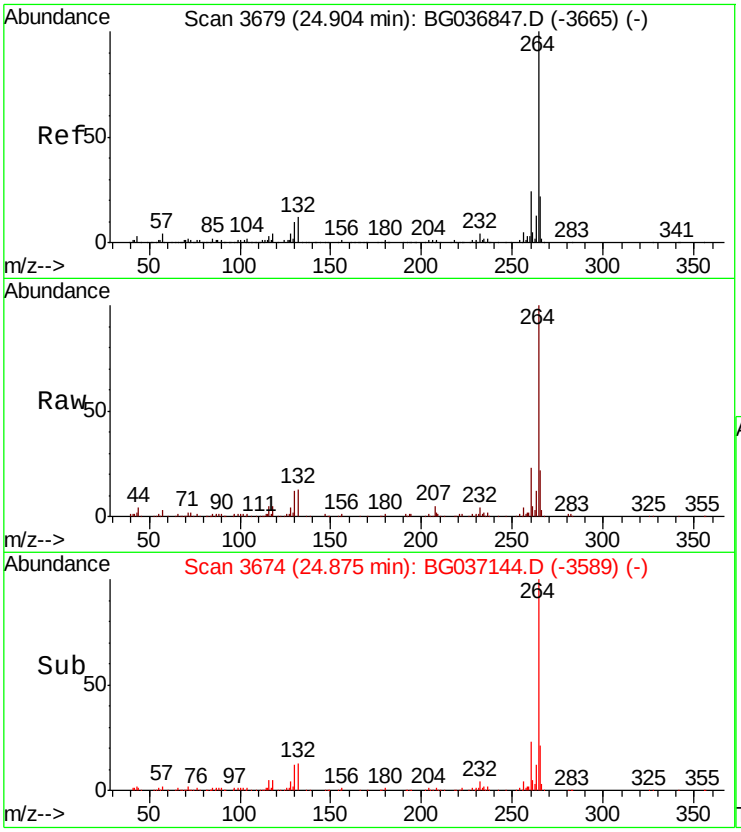


#78
Terphenyl-d14
Concen: 93.963 ng
RT: 20.02 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BG037144.D
Acq: 4 Oct 2018 3:38

Tgt Ion:244 Resp: 1079238

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.0	10.6
122	9.3	7.1	10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.88 min Scan# 3674
Delta R.T. -0.03 min
Lab File: BG037144.D
Acq: 4 Oct 2018 3:38

Instrument :
BNA_G
ClientSampleId :
HR-06-100218-A

Tgt Ion:264 Resp: 295263

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.6	29.4
265	21.7	17.4	26.0