Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080918\
Data File : BG036245.D
Acq On : 9 Aug 2018 22:52
Operator : JU/SJ
Sample : J4379-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Aug 10 04:27:11 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 12:30:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	27188	20.00	ng	-0.02
21) Naphthalene-d8	10.81	136	99445	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	73454	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	201125	20.00	ng	-0.01
75) Chrysene-d12	21.64	240	209427	20.00	ng	-0.02
86) Perylene-d12	24.84	264	191650	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	107167	65.44	ng	0.00
7) Phenol-d6	7.19	99	91126	37.30	ng	0.00
23) Nitrobenzene-d5	9.17	82	226762	95.26	ng	-0.02
41) 2,4,6-Tribromophenol	16.12	330	162482	167.82	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	522413	95.28	ng	-0.02
78) Terphenyl-d14	19.98	244	991983	104.41	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.17	70	31073	15.103	ng	# 68
50) 2,6-Dinitrotoluene	14.63	165	10452	7.975	ng	# 18
56) 2,4-Dinitrotoluene	14.63	165	10452	5.559	ng	# 16
66) 4-Bromophenyl-phenylether	16.12	248	13879	5.948	ng	# 1
76) Benzidine	19.98	184	17415	3.163	ng	# 89

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

Quantitation Report (Not Reviewed)

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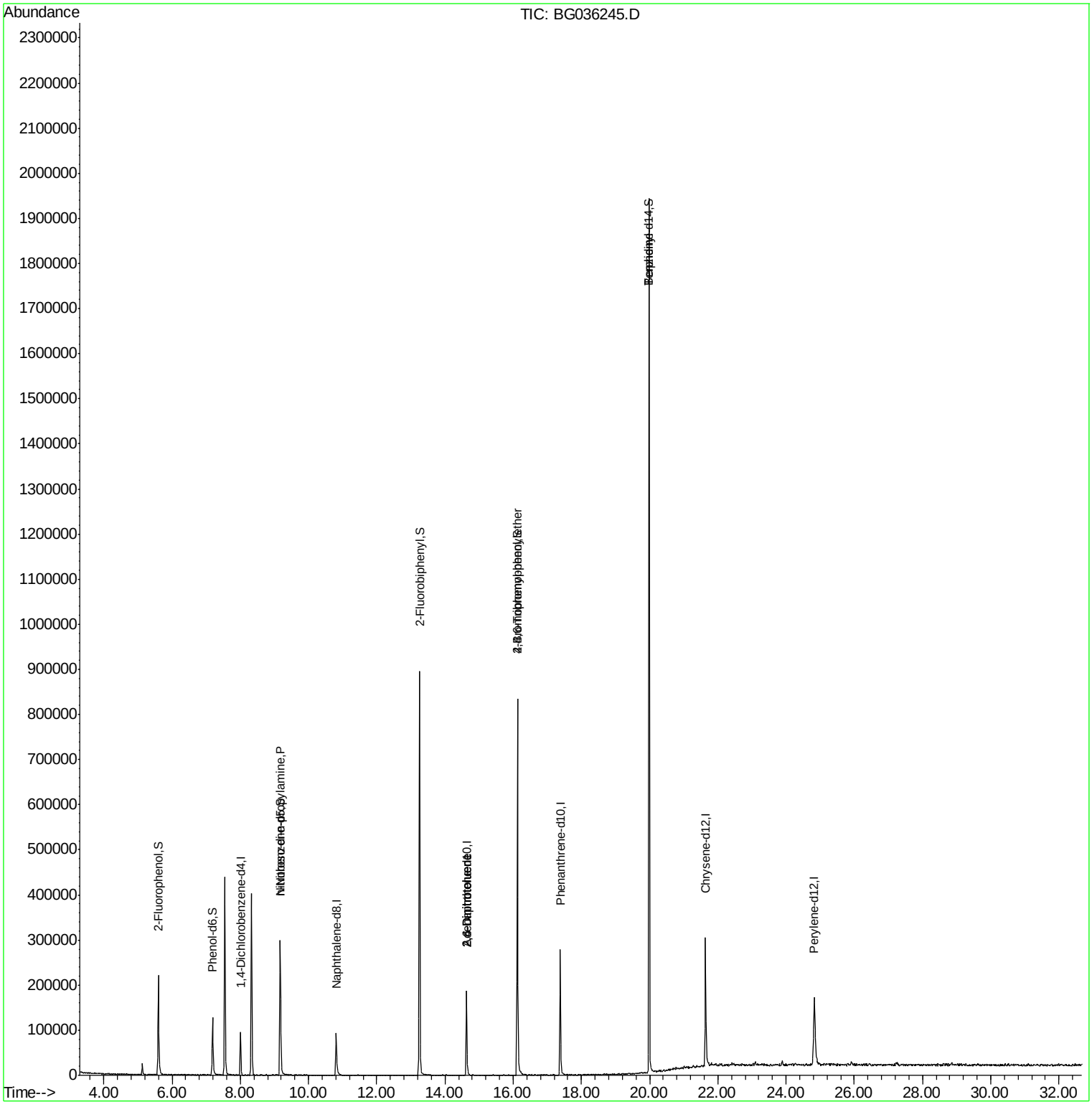
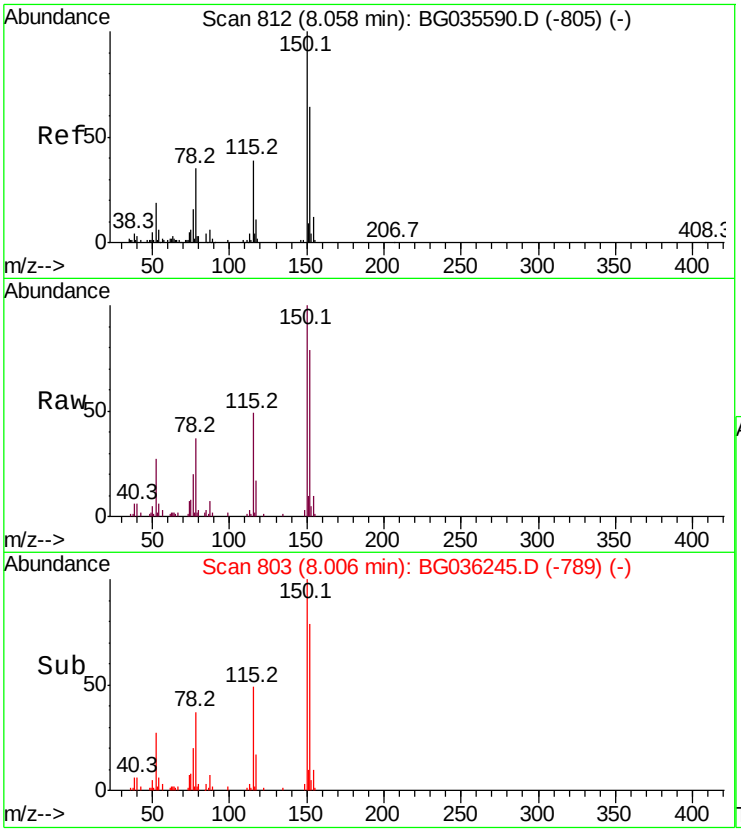


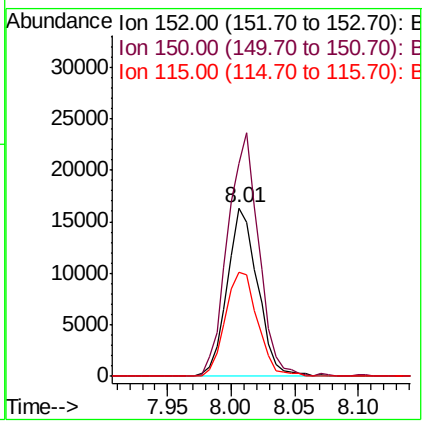


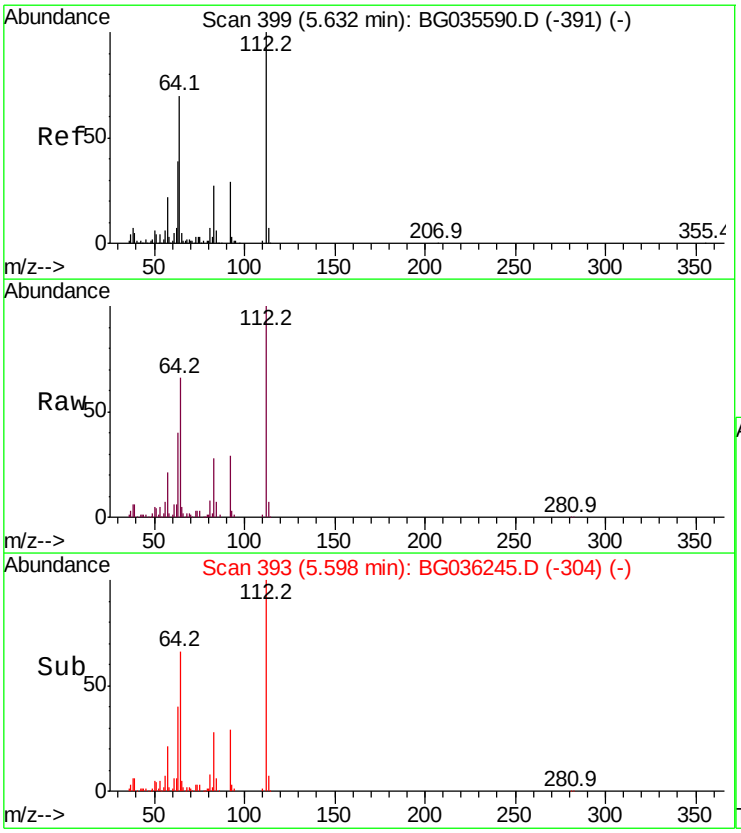
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 803
Delta R.T. -0.02 min
Lab File: BG036245.D
Acq: 9 Aug 2018 22:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 27188

Ion	Ratio	Lower	Upper
152	100		
150	126.6	126.6	189.8
115	61.7	53.0	79.4

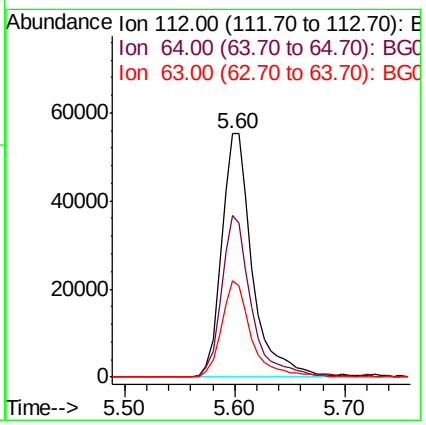


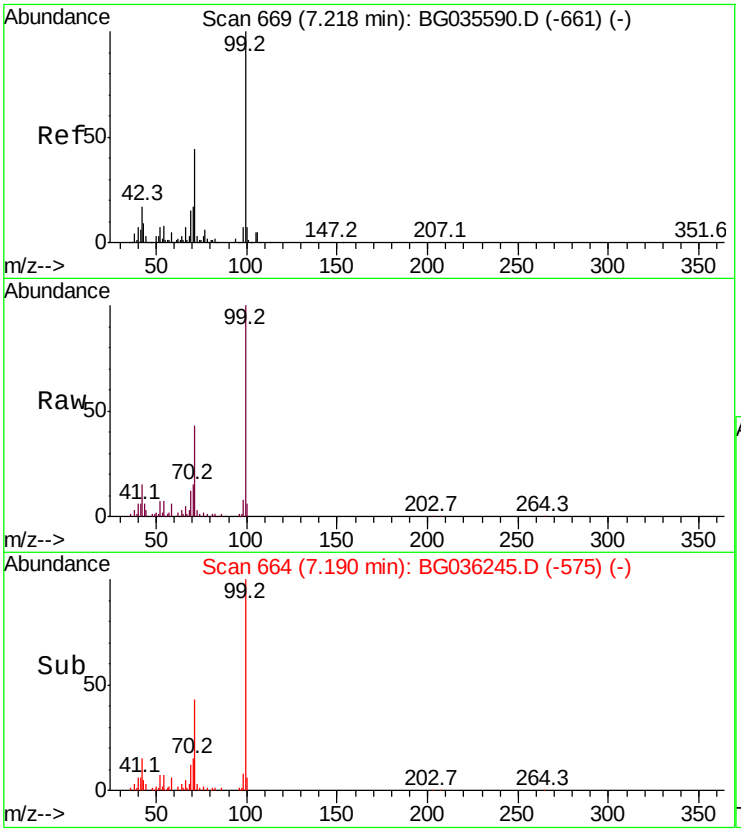


#5
2-Fluorophenol
Concen: 65.442 ng
RT: 5.60 min Scan# 393
Delta R.T. -0.01 min
Lab File: BG036245.D
Acq: 9 Aug 2018 22:52

Tgt Ion:112 Resp: 107167

Ion	Ratio	Lower	Upper
112	100		
64	66.5	56.3	84.5
63	39.8	30.1	45.1



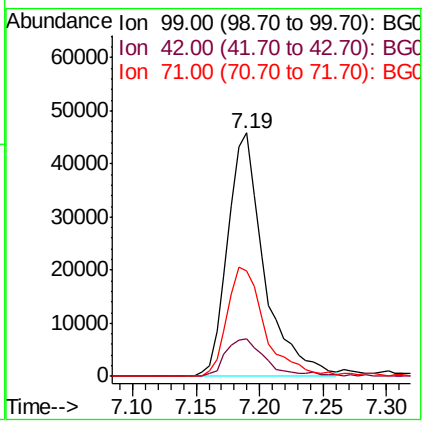


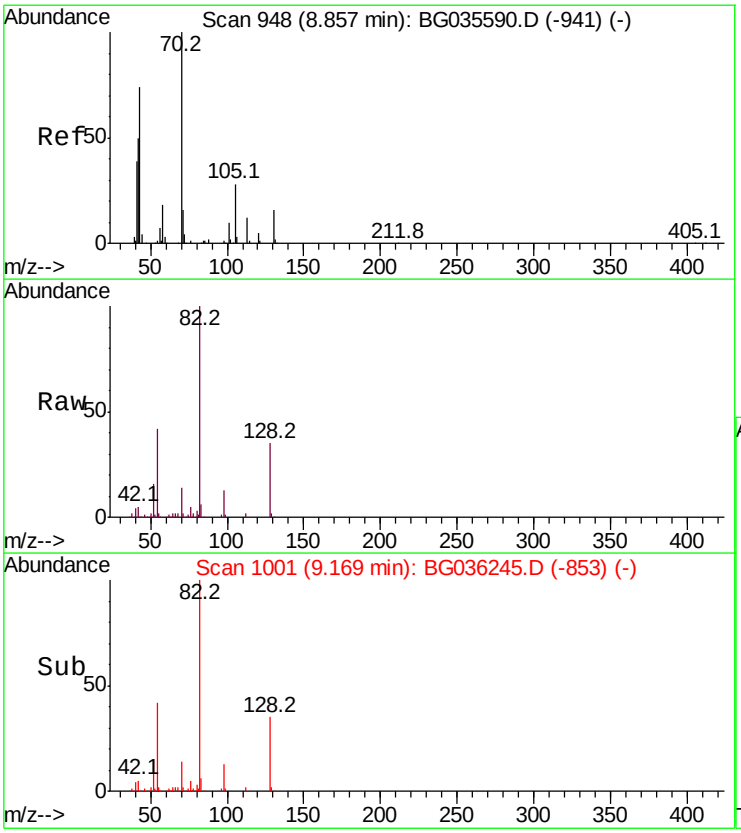
#7
Phenol-d6
Concen: 37.297 ng
RT: 7.19 min Scan# 664
Delta R.T. -0.01 min
Lab File: BG036245.D
Acq: 9 Aug 2018 22:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 91126

Ion	Ratio	Lower	Upper
99	100		
42	15.4	14.1	21.1
71	43.1	26.1	39.1#

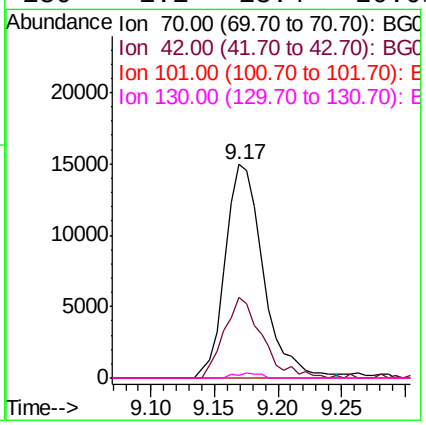


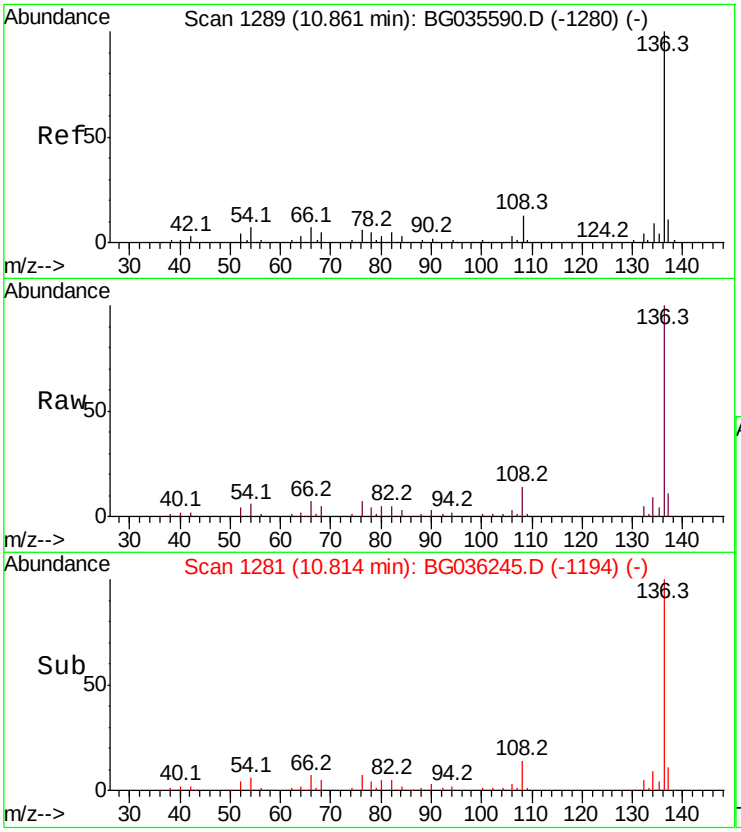


#19
n-Nitroso-di-n-propylamine
Concen: 15.103 ng
RT: 9.17 min Scan# 1001
Delta R.T. 0.34 min
Lab File: BG036245.D
Acq: 9 Aug 2018 22:52

Tgt Ion: 70 Resp: 31073

Ion	Ratio	Lower	Upper
70	100		
42	37.7	49.1	73.7#
101	0.0	8.5	12.7#
130	1.1	13.4	20.0#



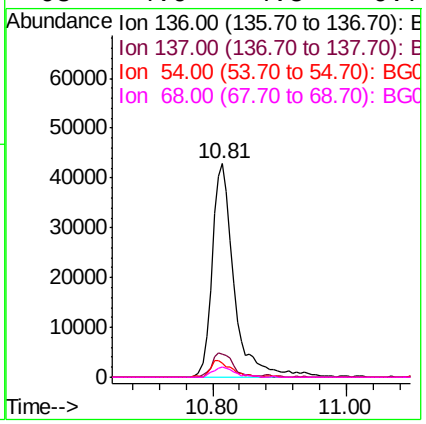


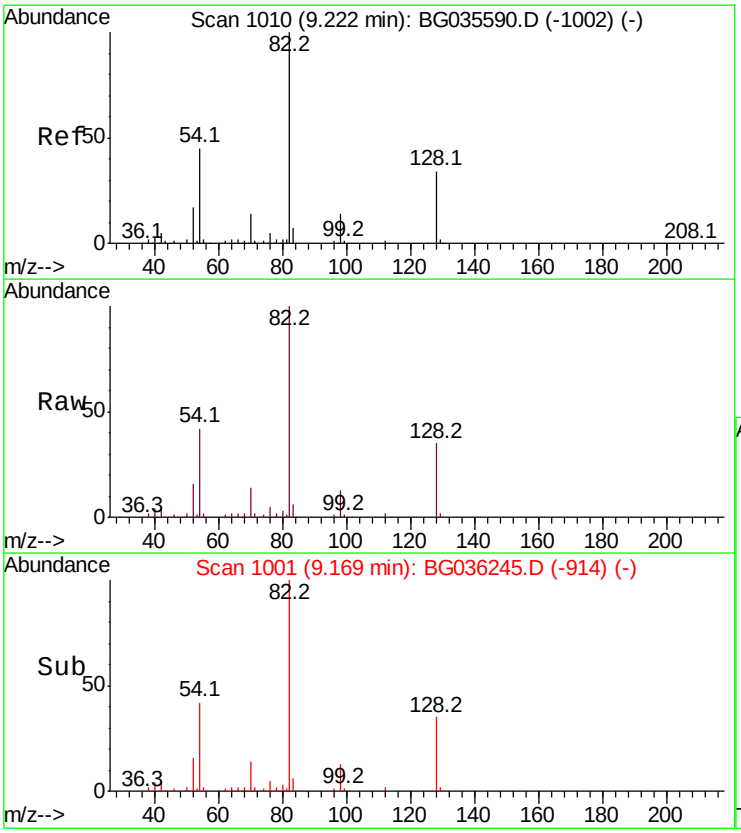
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BG036245.D
Acq: 9 Aug 2018 22:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 99445

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.2	13.8
54	6.4	10.3	15.5#
68	4.9	4.5	6.7

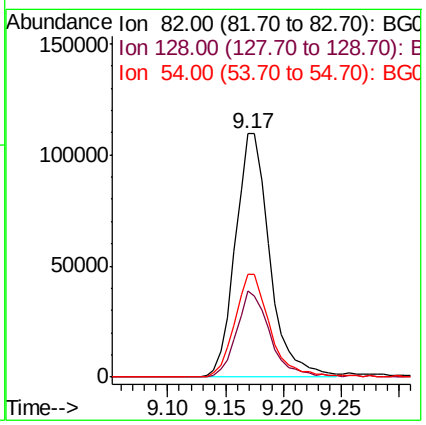


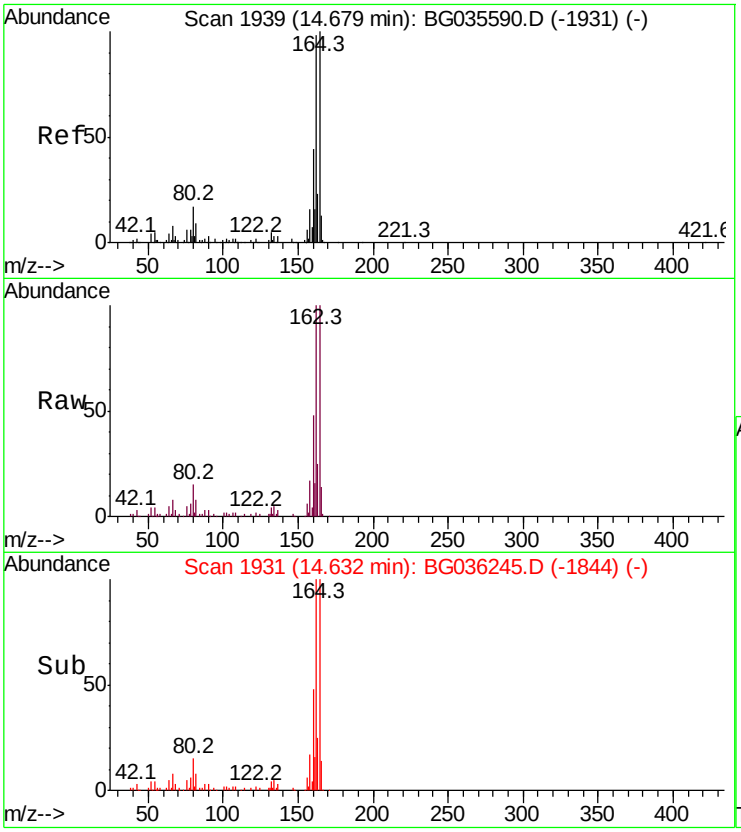


#23
Nitrobenzene-d5
Concen: 95.258 ng
RT: 9.17 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BG036245.D
Acq: 9 Aug 2018 22:52

Tgt Ion: 82 Resp: 226762

Ion	Ratio	Lower	Upper
82	100		
128	35.4	29.7	44.5
54	42.3	43.1	64.7#



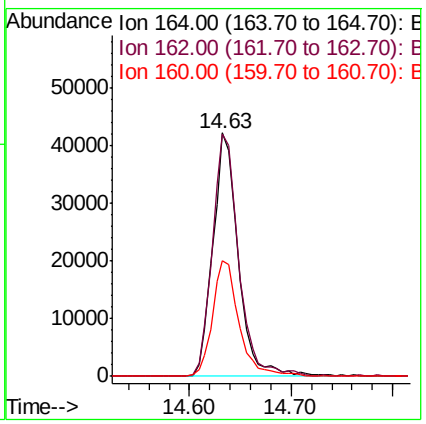


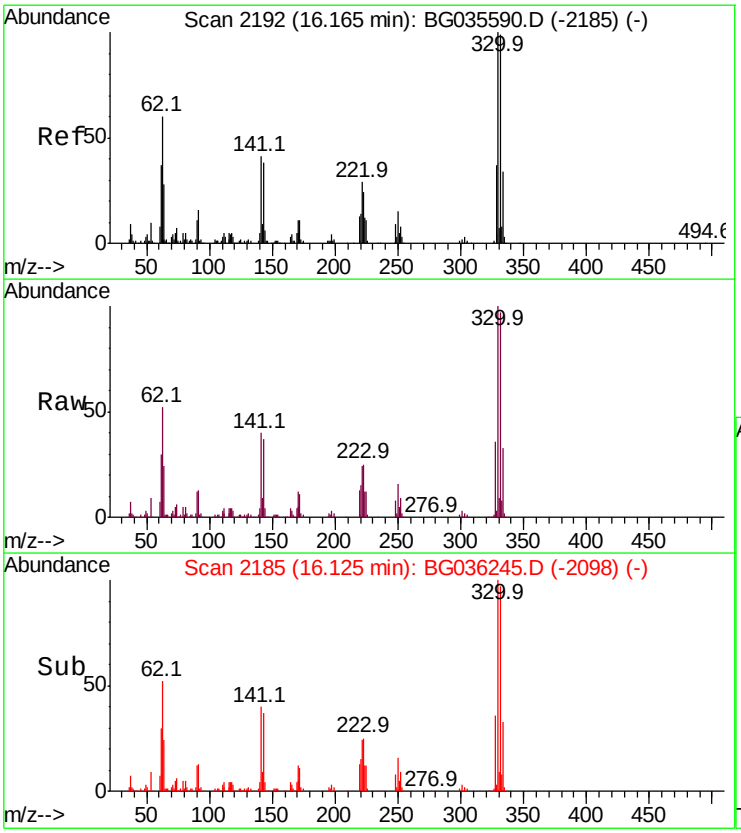
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1931
Delta R.T. -0.02 min
Lab File: BG036245.D
Acq: 9 Aug 2018 22:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 73454

Ion	Ratio	Lower	Upper
164	100		
162	99.8	78.8	118.2
160	47.6	35.4	53.0

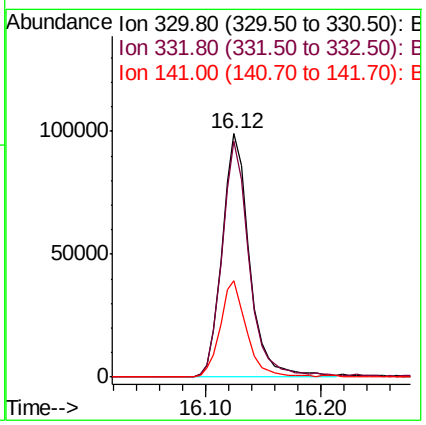


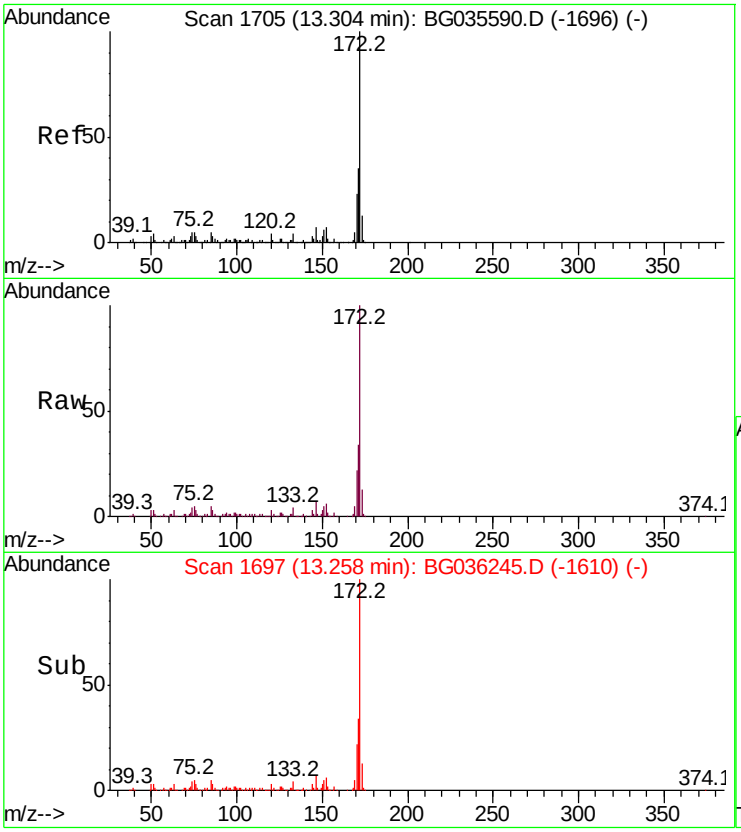


#41
2,4,6-Tribromophenol
Concen: 167.824 ng
RT: 16.12 min Scan# 2185
Delta R.T. -0.02 min
Lab File: BG036245.D
Acq: 9 Aug 2018 22:52

Tgt Ion:330 Resp: 162482

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	38.3	25.2	37.8#



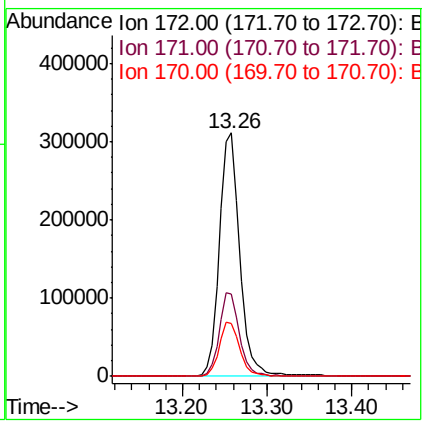


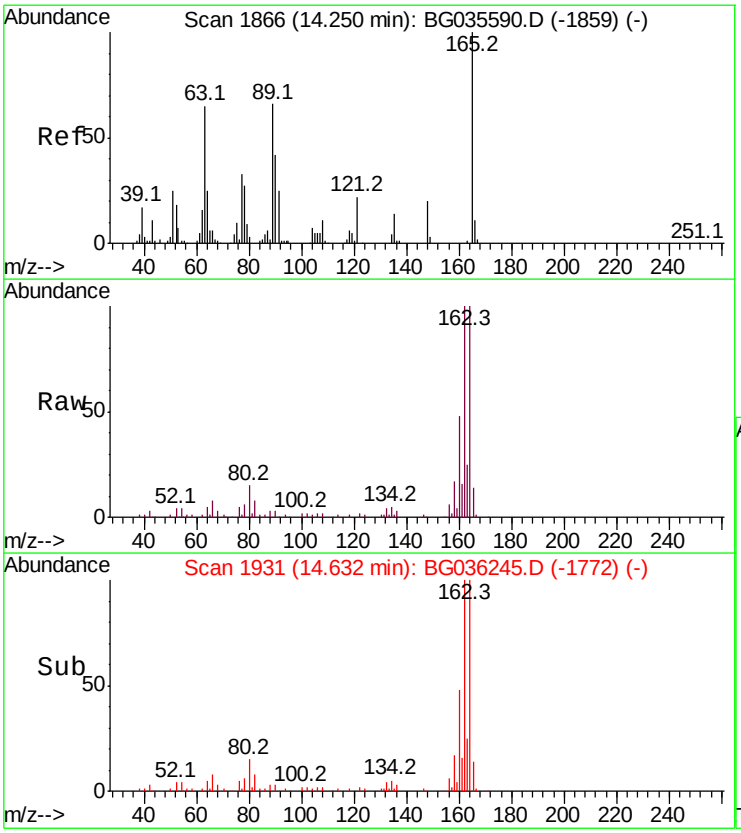
#44
2-Fluorobiphenyl
Concen: 95.284 ng
RT: 13.26 min Scan# 1697
Delta R.T. -0.02 min
Lab File: BG036245.D
Acq: 9 Aug 2018 22:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 522413

Ion	Ratio	Lower	Upper
172	100		
171	33.6	30.0	45.0
170	21.6	19.5	29.3

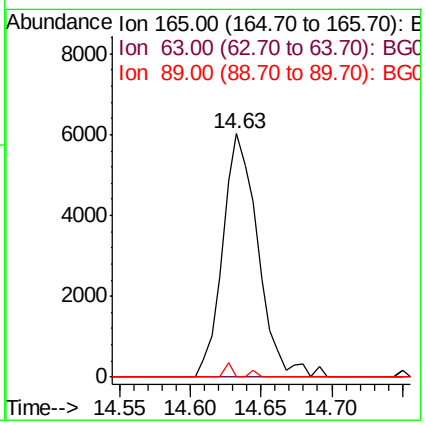


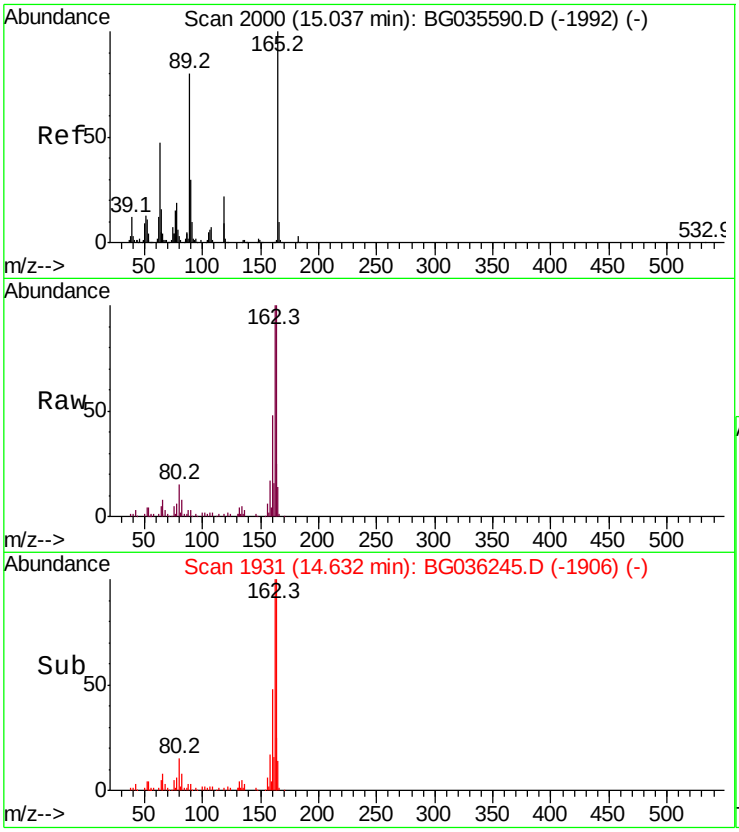


#50
2,6-Dinitrotoluene
Concen: 7.975 ng
RT: 14.63 min Scan# 1931
Delta R.T. 0.40 min
Lab File: BG036245.D
Acq: 9 Aug 2018 22:52

Tgt Ion:165 Resp: 10452

Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	0.0	49.2	73.8#



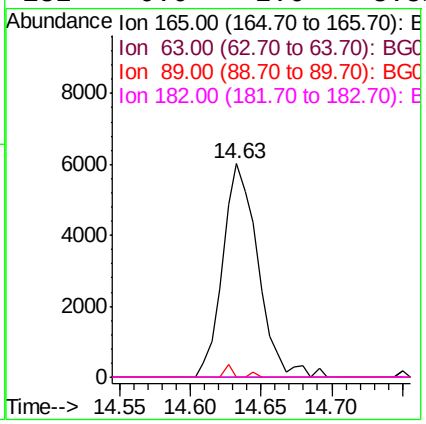


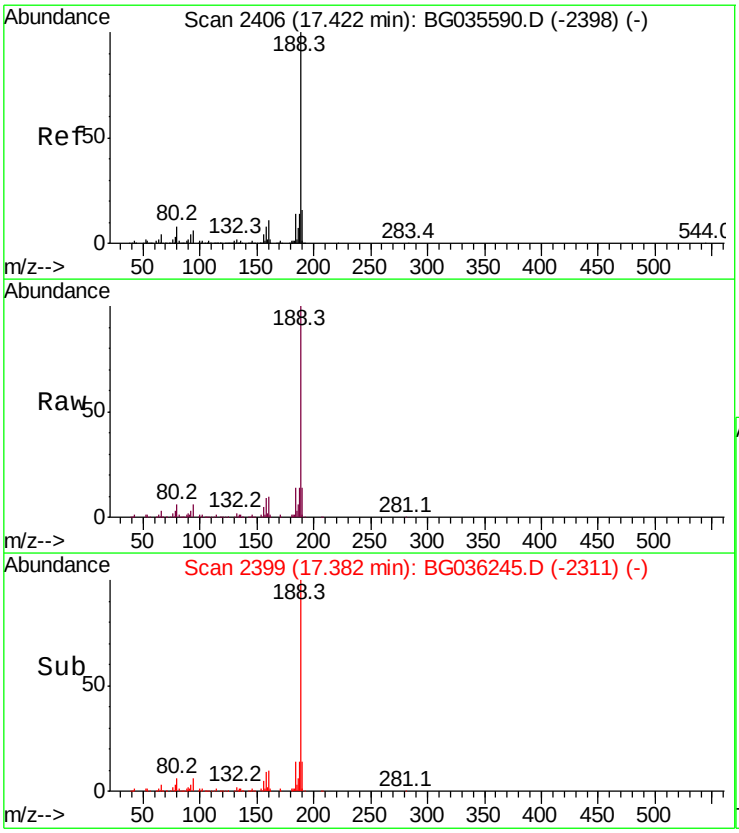
#56
2,4-Dinitrotoluene
Concen: 5.559 ng
RT: 14.63 min Scan# 1931
Delta R.T. -0.38 min
Lab File: BG036245.D
Acq: 9 Aug 2018 22:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 10452

Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#

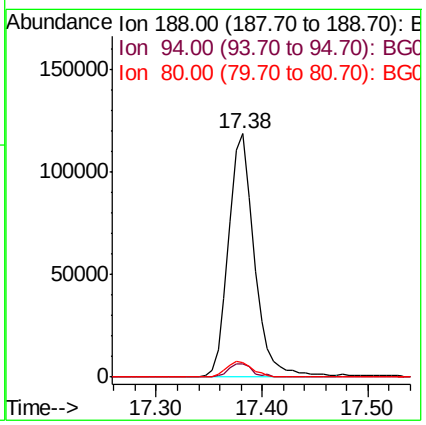


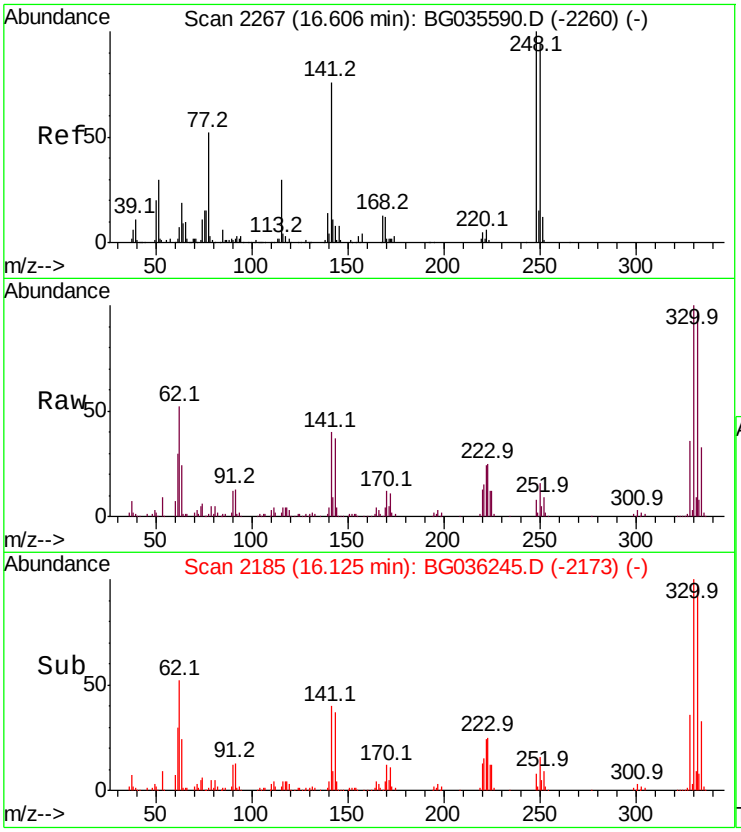


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BG036245.D
Acq: 9 Aug 2018 22:52

Tgt Ion:188 Resp: 201125

Ion	Ratio	Lower	Upper
188	100		
94	5.5	6.9	10.3#
80	6.0	7.7	11.5#



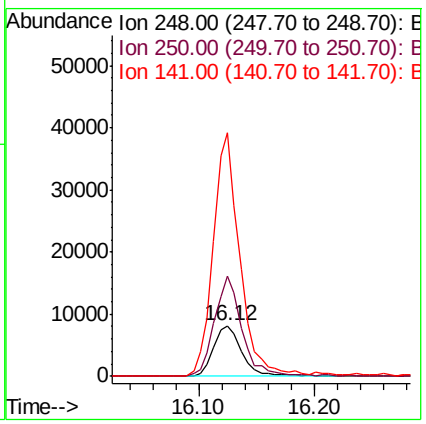


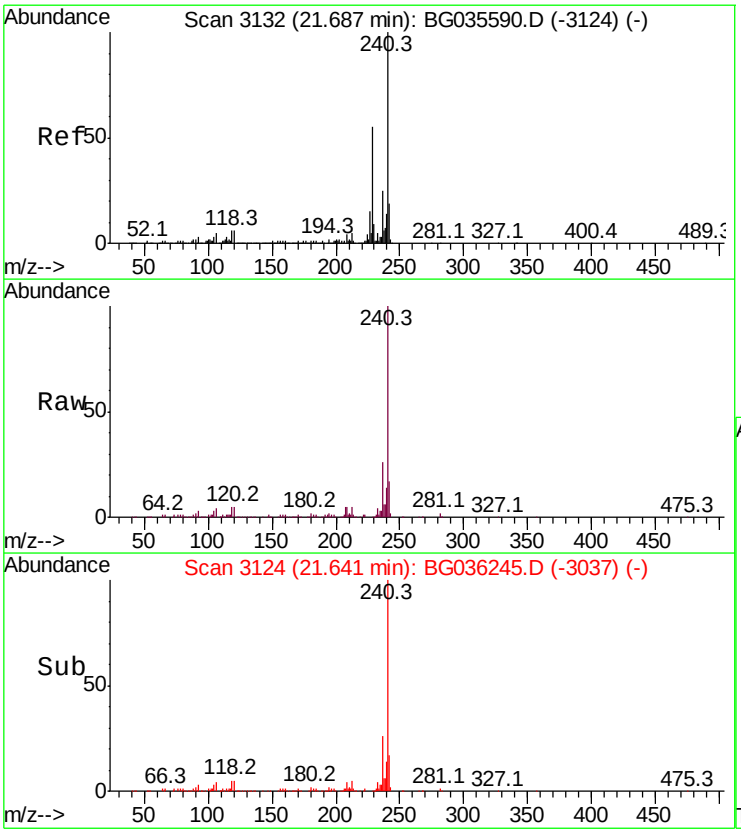
#66
4-Bromophenyl-phenylether
Concen: 5.948 ng
RT: 16.12 min Scan# 2185
Delta R.T. -0.46 min
Lab File: BG036245.D
Acq: 9 Aug 2018 22:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 13879

Ion	Ratio	Lower	Upper
248	100		
250	199.5	77.1	115.7#
141	481.8	50.8	76.2#

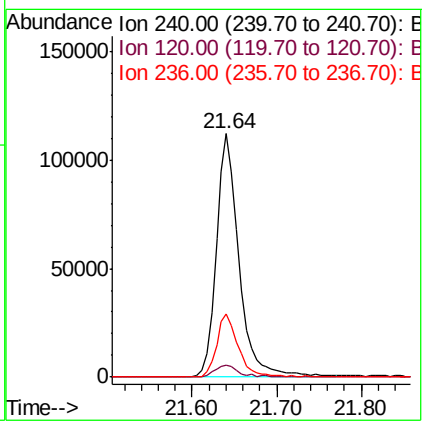


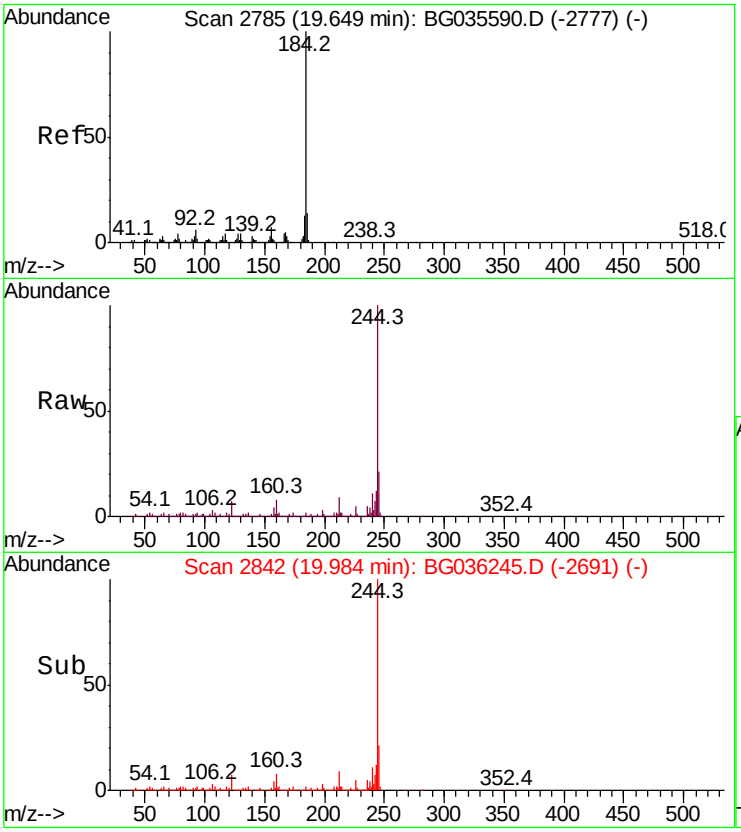


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3124
Delta R.T. -0.02 min
Lab File: BG036245.D
Acq: 9 Aug 2018 22:52

Tgt Ion:240 Resp: 209427

Ion	Ratio	Lower	Upper
240	100		
120	5.1	6.8	10.2#
236	25.9	20.9	31.3



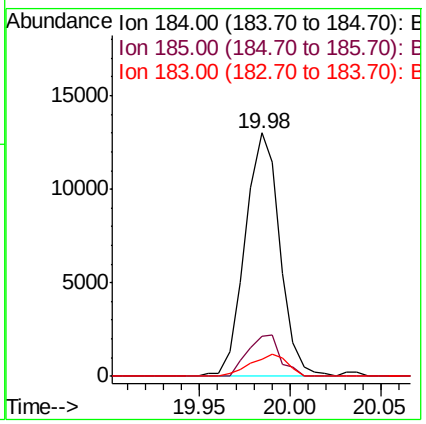


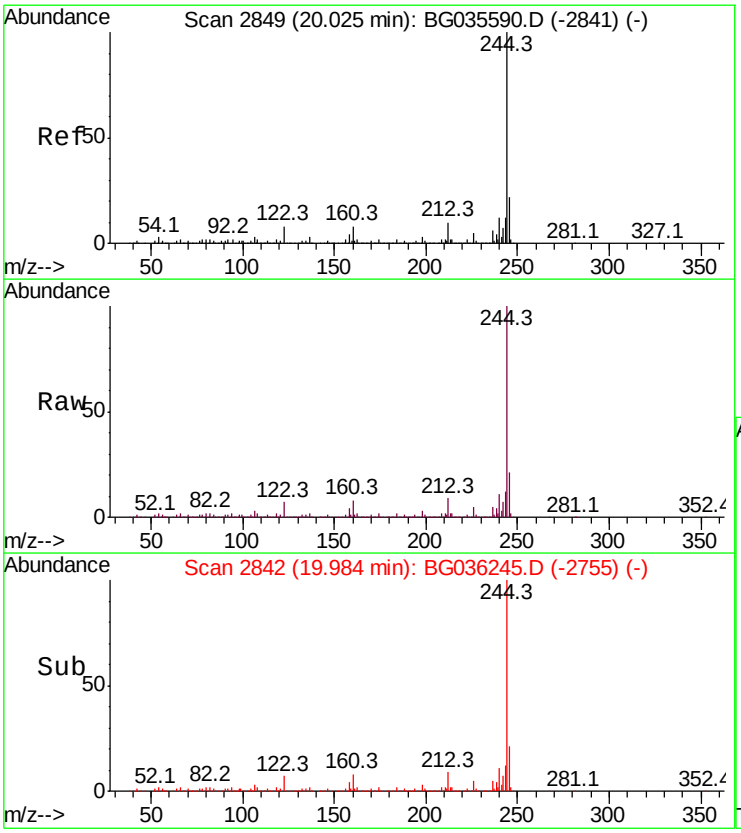
#76
Benzidine
Concen: 3.163 ng
RT: 19.98 min Scan# 2842
Delta R.T. 0.36 min
Lab File: BG036245.D
Acq: 9 Aug 2018 22:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 17415

Ion	Ratio	Lower	Upper
184	100		
185	16.7	11.1	16.7
183	6.8	10.6	16.0#

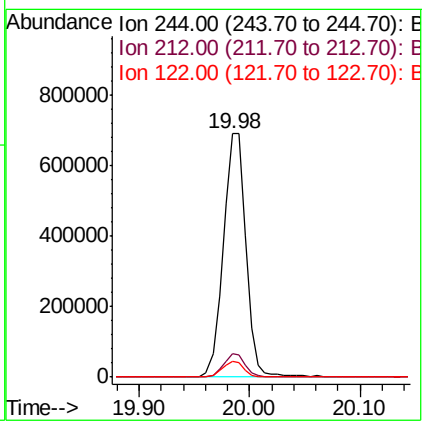


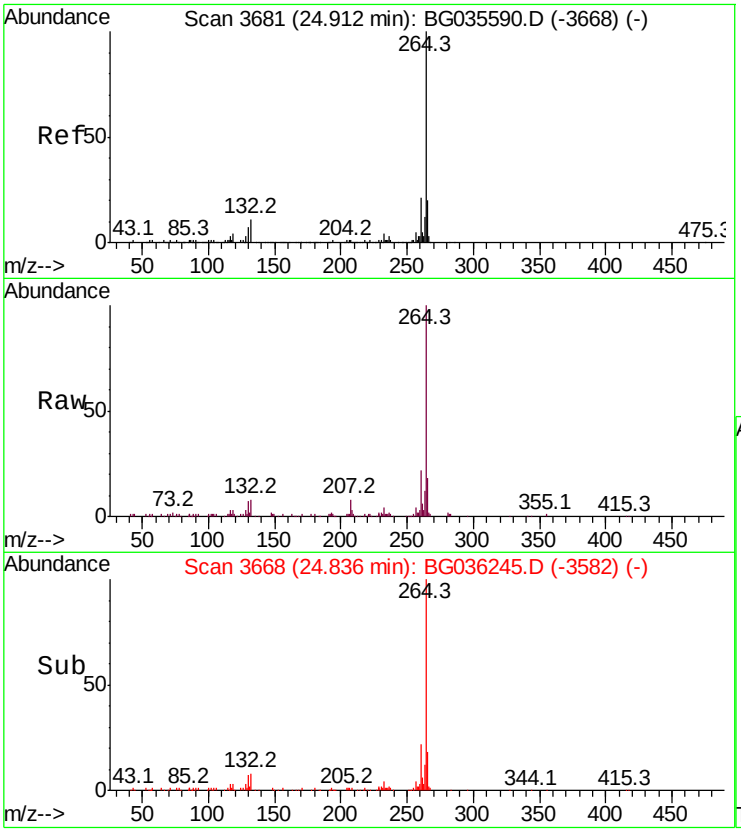


#78
Terphenyl-d14
Concen: 104.410 ng
RT: 19.98 min Scan# 2842
Delta R.T. -0.02 min
Lab File: BG036245.D
Acq: 9 Aug 2018 22:52

Tgt Ion:244 Resp: 991983

Ion	Ratio	Lower	Upper
244	100		
212	9.4	5.8	8.8#
122	6.6	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.84 min Scan# 3668
Delta R.T. -0.02 min
Lab File: BG036245.D
Acq: 9 Aug 2018 22:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 191650

Ion	Ratio	Lower	Upper
264	100		
260	21.9	17.4	26.0
265	18.4	17.7	26.5