Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080918\
Data File : BG036251.D
Acq On : 10 Aug 2018 2:48
Operator : JU/SJ
Sample : PB111863BL
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Aug 10 04:28:45 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	8.00	152	30131	20.00	ng	-0.02
21) Naphthalene-d8	10.81	136	106504	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	76482	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	213464	20.00	ng	-0.01
75) Chrysene-d12	21.64	240	228317	20.00	ng	-0.01
86) Perylene-d12	24.83	264	209154	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	261853	144.28	ng	0.00
7) Phenol-d6	7.19	99	373720	138.02	ng	0.00
23) Nitrobenzene-d5	9.17	82	243826	95.64	ng	-0.01
41) 2,4,6-Tribromophenol	16.12	330	185419	183.93	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	595637	104.34	ng	-0.02
78) Terphenyl-d14	19.99	244	1135762	109.65	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.17	70	35165	15.422	ng	# 66
50) 2,6-Dinitrotoluene	14.64	165	10414	7.632	ng	# 20
56) 2,4-Dinitrotoluene	14.64	165	10414	5.320	ng	# 18
66) 4-Bromophenyl-phenylether	16.12	248	13890	5.609	ng	# 1
76) Benzidine	19.99	184	19516	3.251	ng	# 91

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

Quantitation Report (Not Reviewed)

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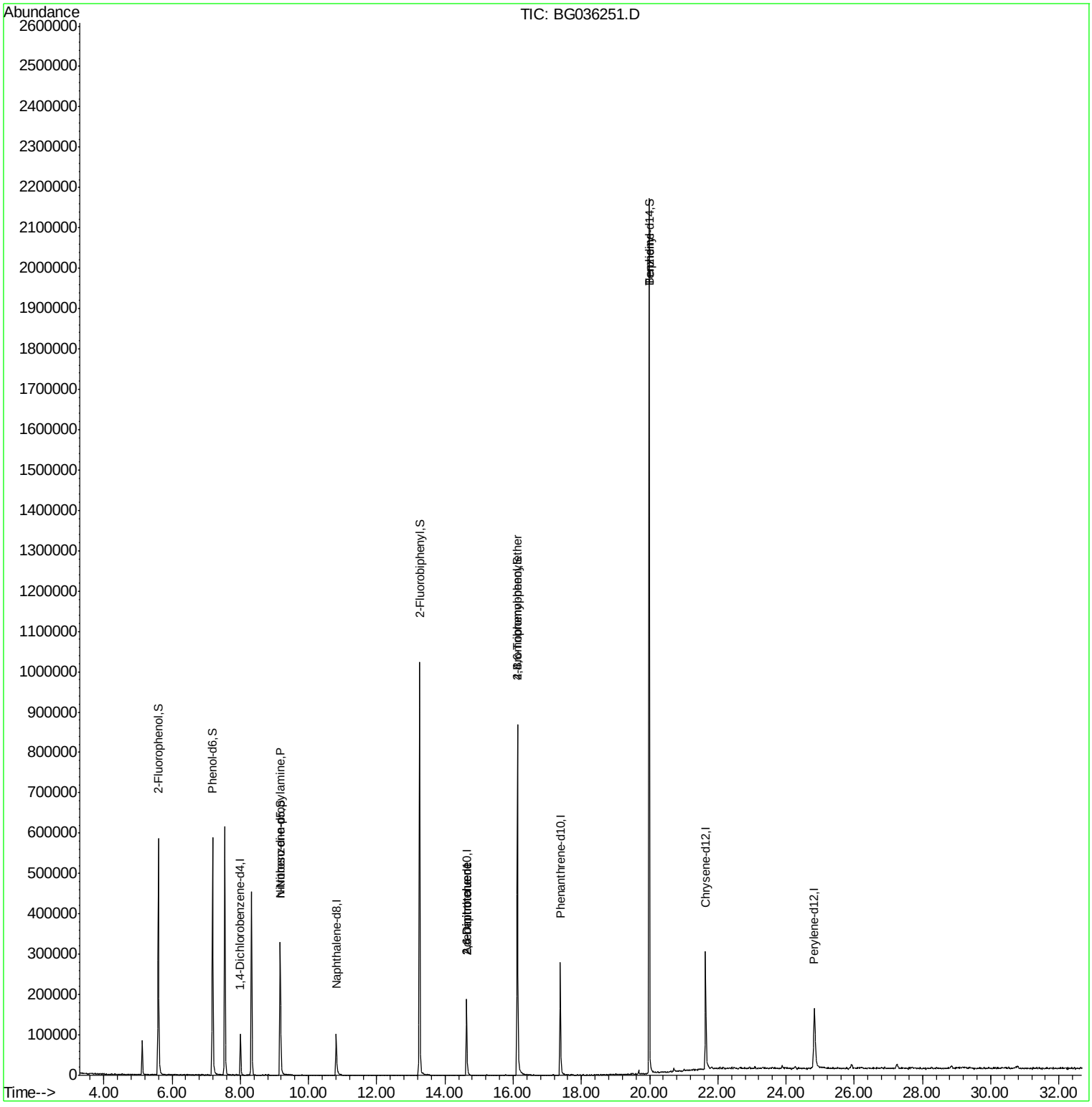
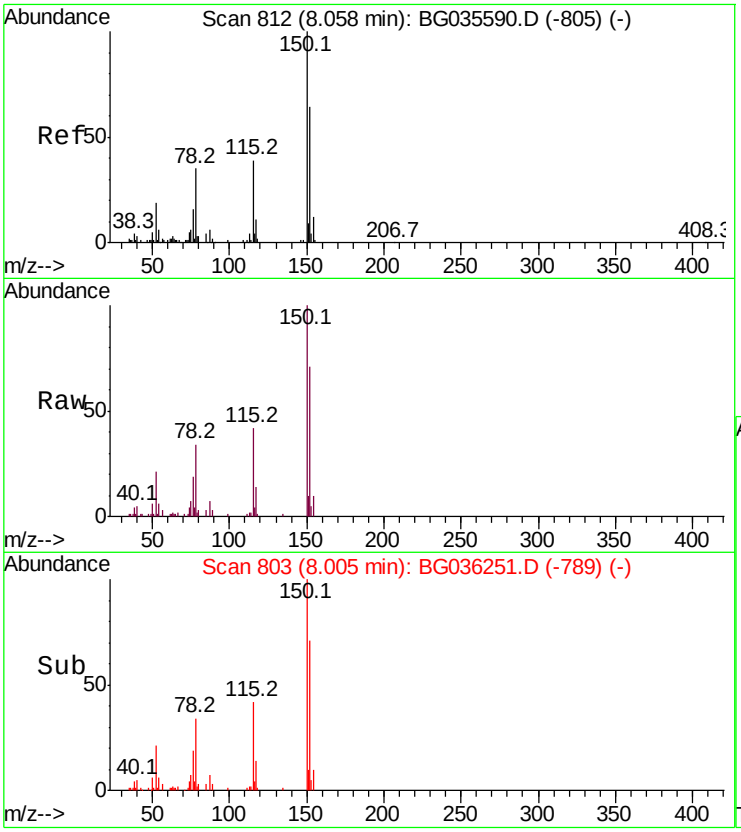


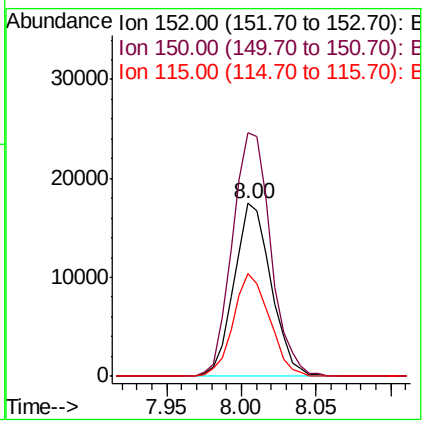


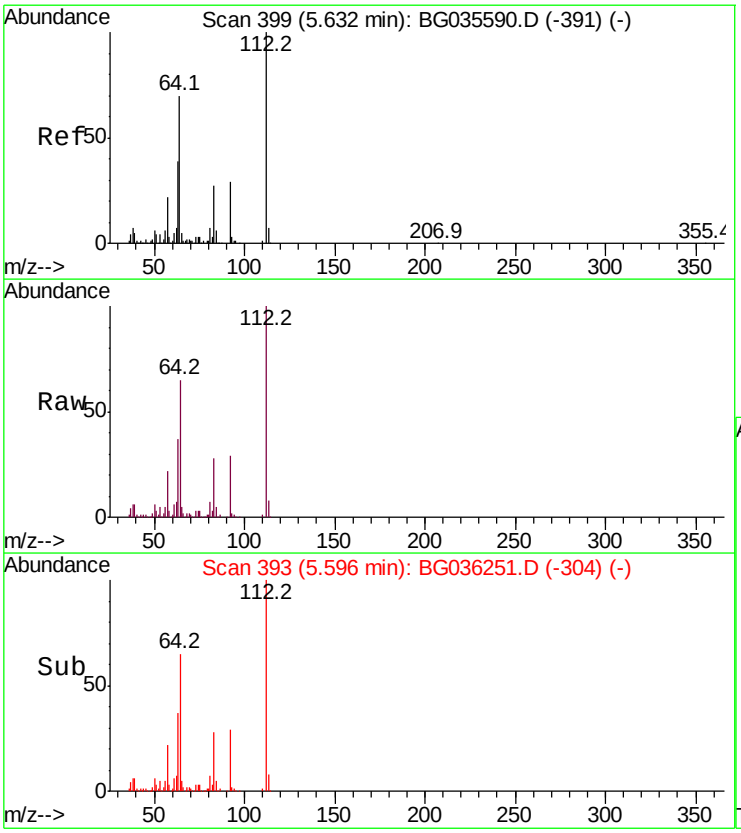
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 803
Delta R.T. -0.02 min
Lab File: BG036251.D
Acq: 10 Aug 2018 2:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 30131

Ion	Ratio	Lower	Upper
152	100		
150	140.7	126.6	189.8
115	59.2	53.0	79.4

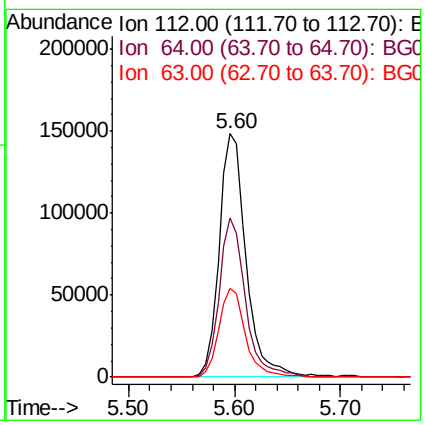


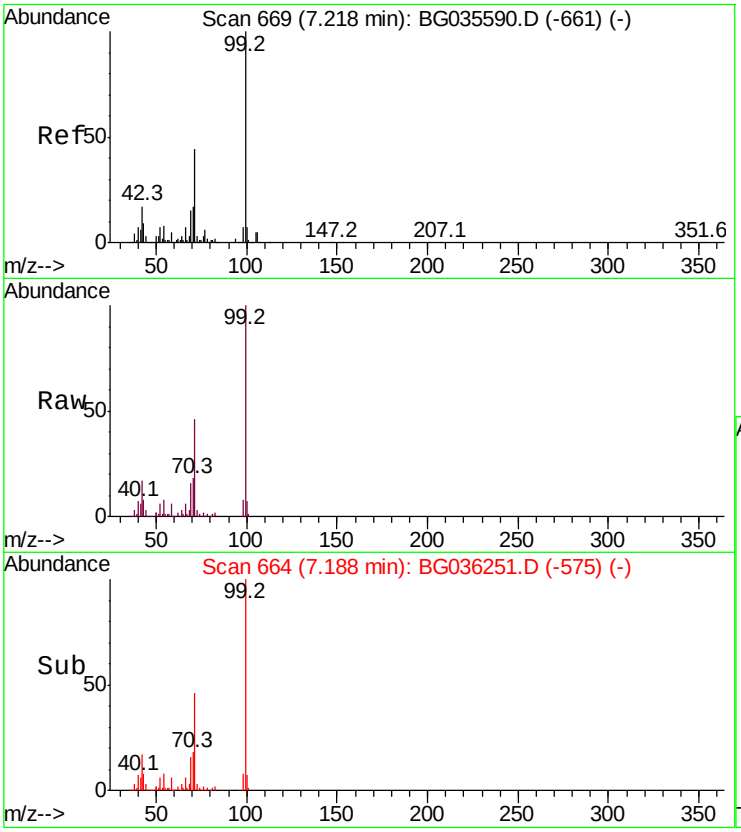


#5
2-Fluorophenol
Concen: 144.282 ng
RT: 5.60 min Scan# 393
Delta R.T. -0.01 min
Lab File: BG036251.D
Acq: 10 Aug 2018 2:48

Tgt Ion:112 Resp: 261853

Ion	Ratio	Lower	Upper
112	100		
64	65.2	56.3	84.5
63	36.6	30.1	45.1



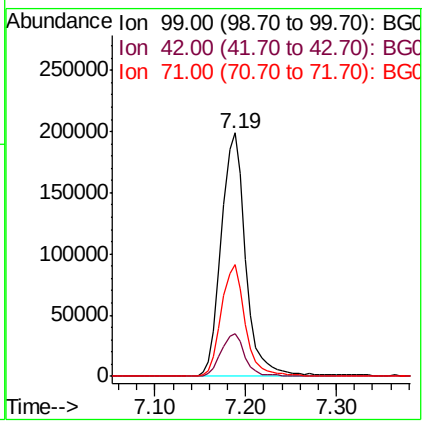


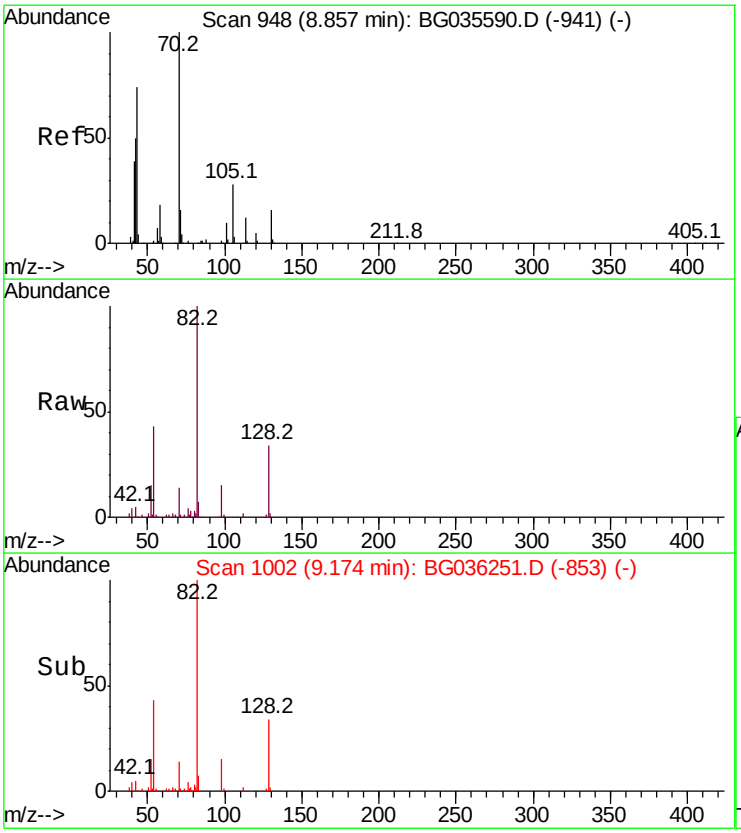
#7
Phenol-d6
Concen: 138.018 ng
RT: 7.19 min Scan# 664
Delta R.T. -0.01 min
Lab File: BG036251.D
Acq: 10 Aug 2018 2:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 373720

Ion	Ratio	Lower	Upper
99	100		
42	17.5	14.1	21.1
71	45.8	26.1	39.1#

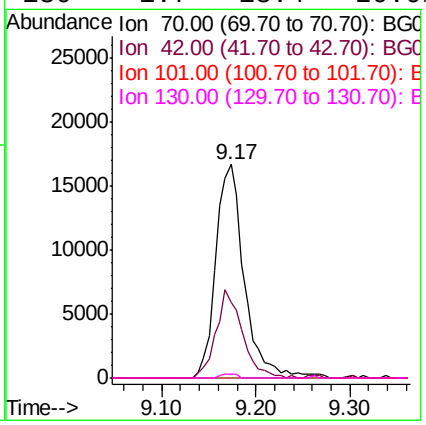


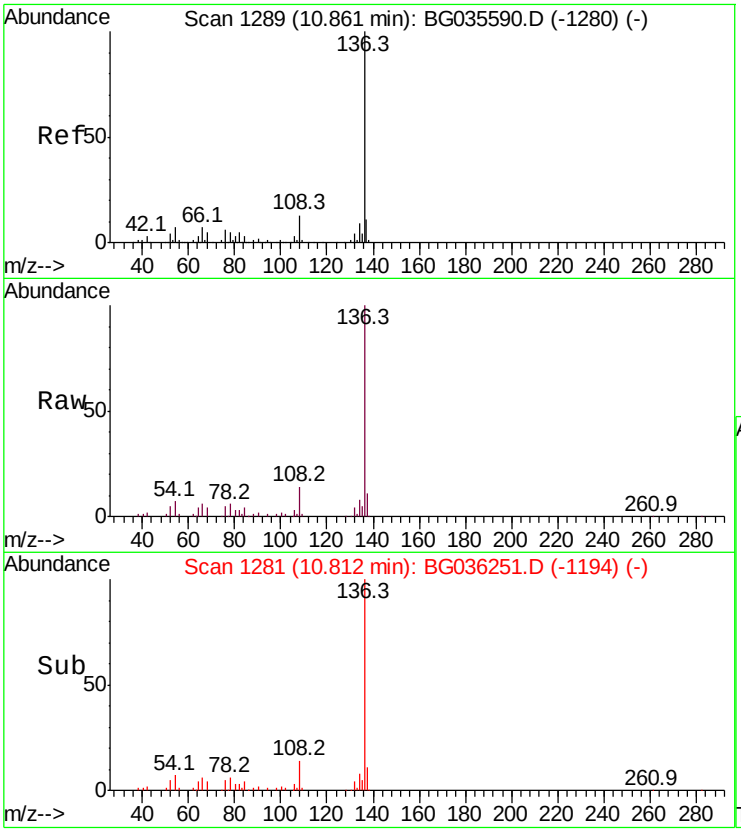


#19
n-Nitroso-di-n-propylamine
Concen: 15.422 ng
RT: 9.17 min Scan# 1002
Delta R.T. 0.34 min
Lab File: BG036251.D
Acq: 10 Aug 2018 2:48

Tgt Ion: 70 Resp: 35165

Ion	Ratio	Lower	Upper
70	100		
42	35.2	49.1	73.7#
101	0.0	8.5	12.7#
130	1.7	13.4	20.0#



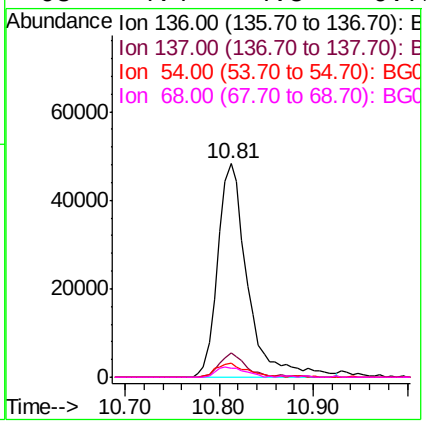


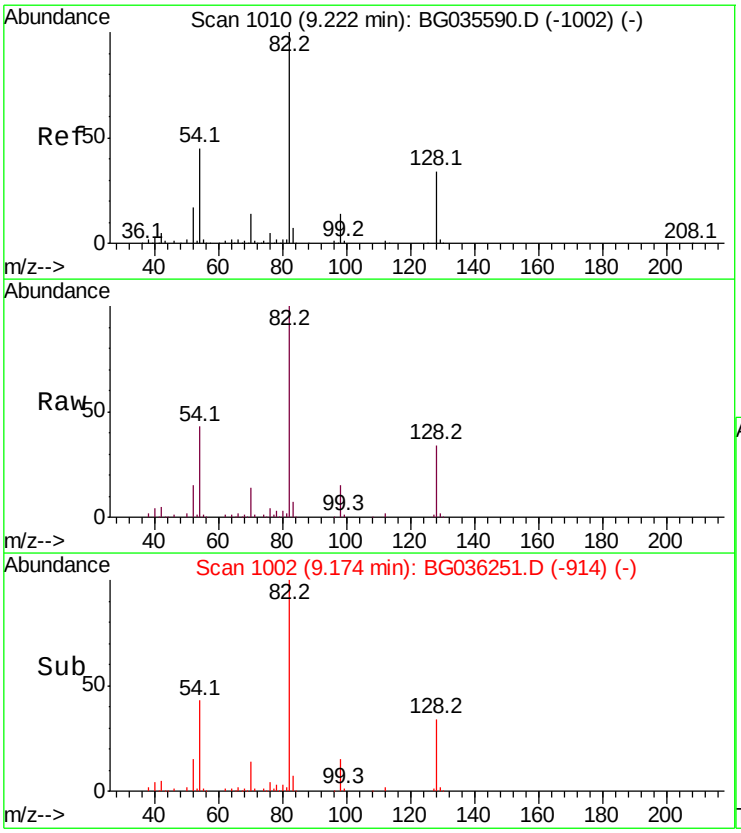
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BG036251.D
Acq: 10 Aug 2018 2:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 106504

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.2	13.8
54	6.7	10.3	15.5#
68	4.4	4.5	6.7#

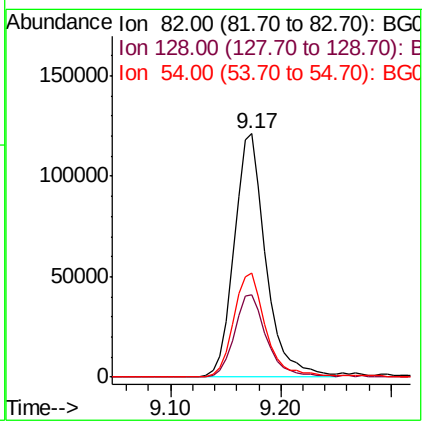


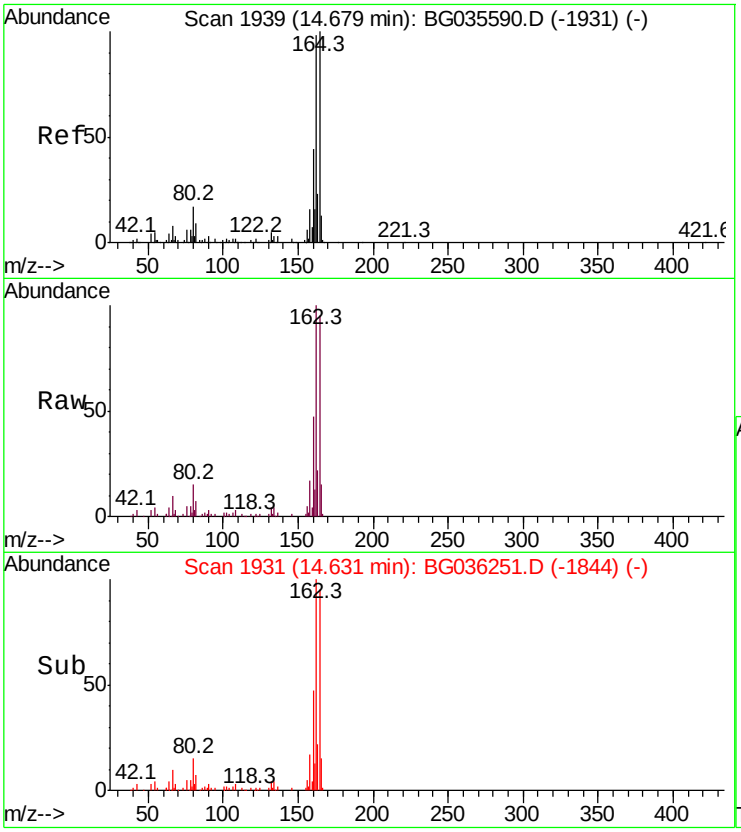


#23
Nitrobenzene-d5
Concen: 95.637 ng
RT: 9.17 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BG036251.D
Acq: 10 Aug 2018 2:48

Tgt Ion: 82 Resp: 243826

Ion	Ratio	Lower	Upper
82	100		
128	33.8	29.7	44.5
54	42.8	43.1	64.7#



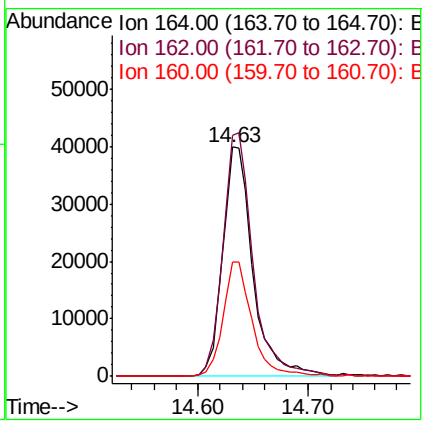


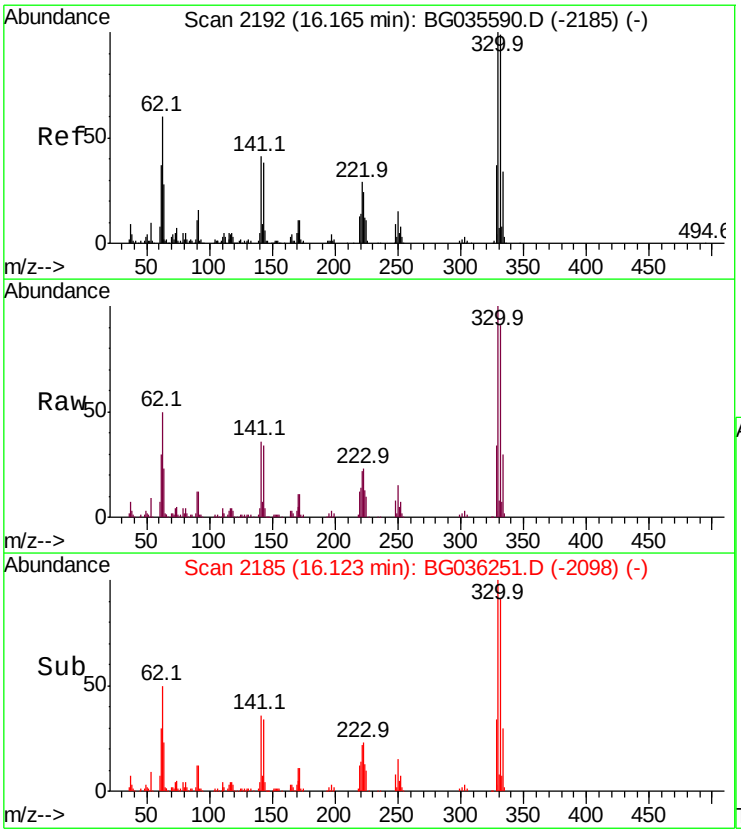
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1931
Delta R.T. -0.02 min
Lab File: BG036251.D
Acq: 10 Aug 2018 2:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 76482

Ion	Ratio	Lower	Upper
164	100		
162	105.2	78.8	118.2
160	49.8	35.4	53.0

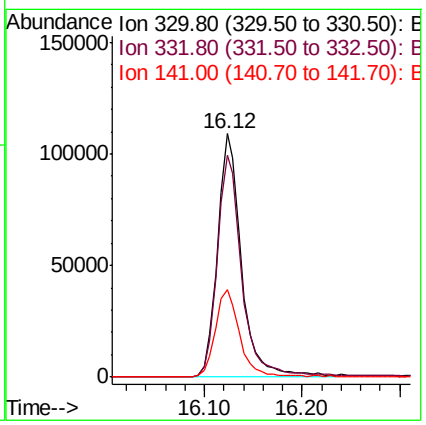


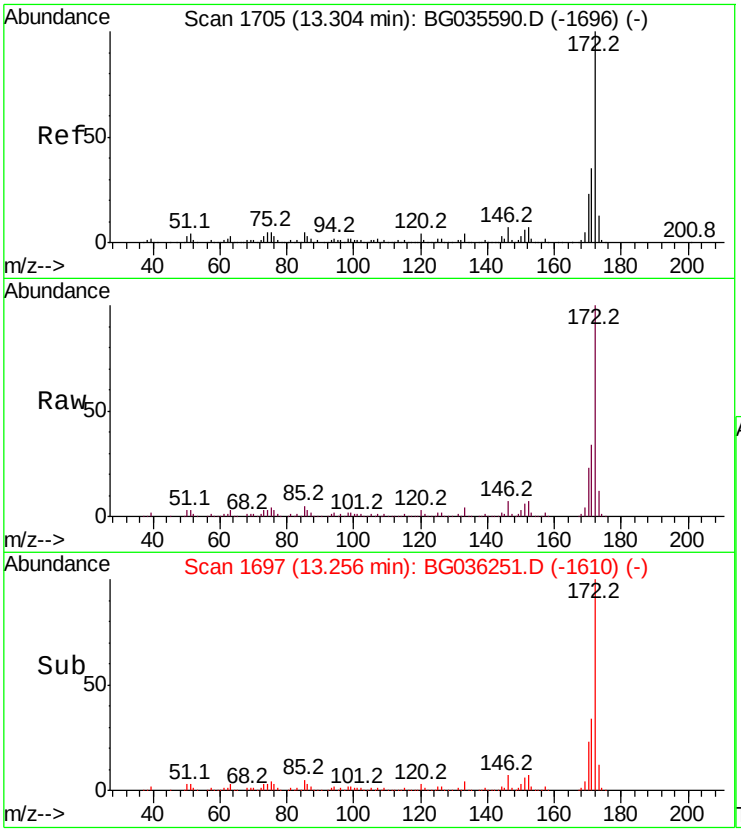


#41
2,4,6-Tribromophenol
Concen: 183.932 ng
RT: 16.12 min Scan# 2185
Delta R.T. -0.02 min
Lab File: BG036251.D
Acq: 10 Aug 2018 2:48

Tgt Ion:330 Resp: 185419

Ion	Ratio	Lower	Upper
330	100		
332	93.5	77.0	115.6
141	36.6	25.2	37.8



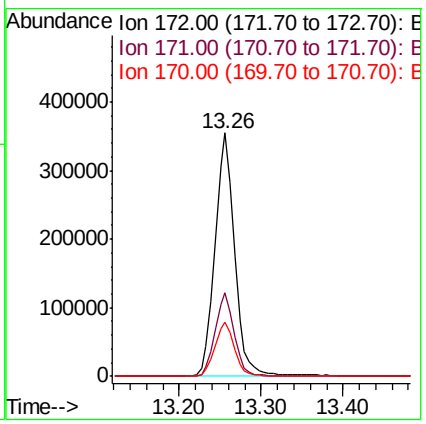


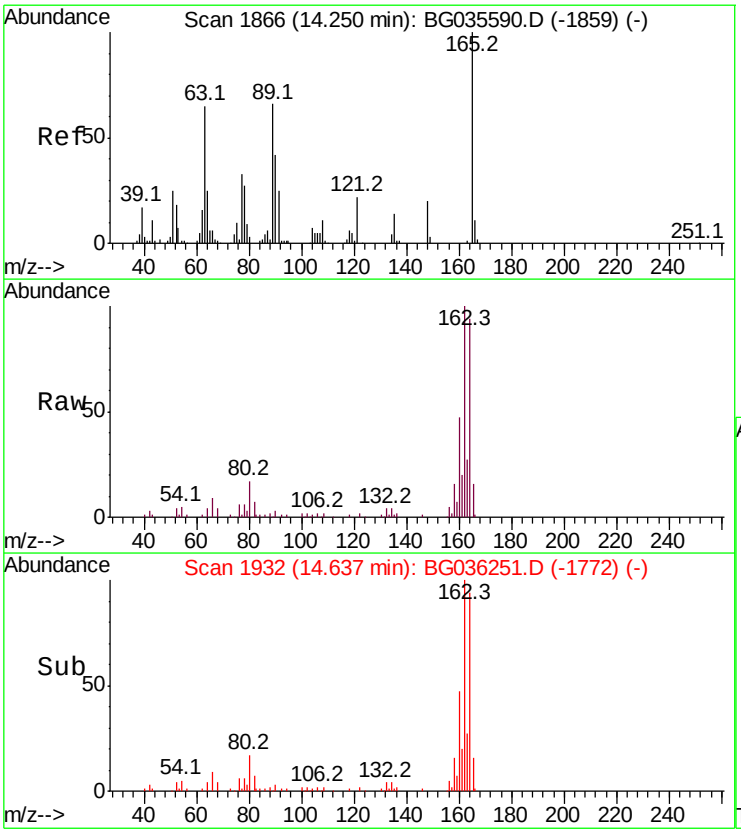
#44
2-Fluorobiphenyl
Concen: 104.338 ng
RT: 13.26 min Scan# 1697
Delta R.T. -0.02 min
Lab File: BG036251.D
Acq: 10 Aug 2018 2:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 595637

Ion	Ratio	Lower	Upper
172	100		
171	34.3	30.0	45.0
170	22.5	19.5	29.3

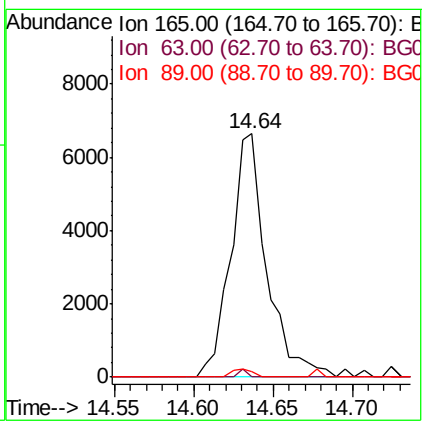


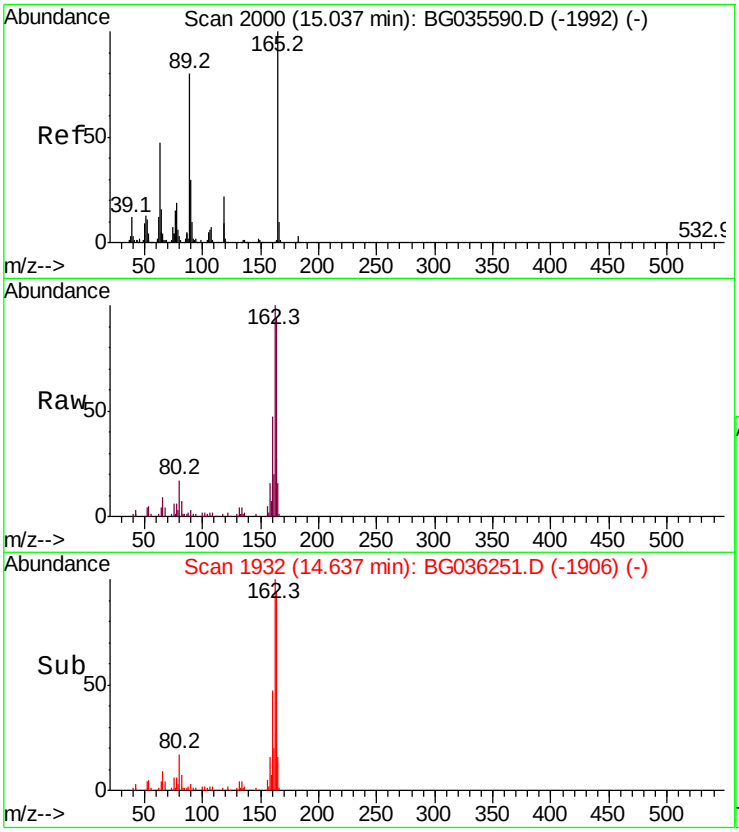


#50
2,6-Dinitrotoluene
Concen: 7.632 ng
RT: 14.64 min Scan# 1932
Delta R.T. 0.41 min
Lab File: BG036251.D
Acq: 10 Aug 2018 2:48

Tgt Ion:165 Resp: 10414

Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	2.3	49.2	73.8#



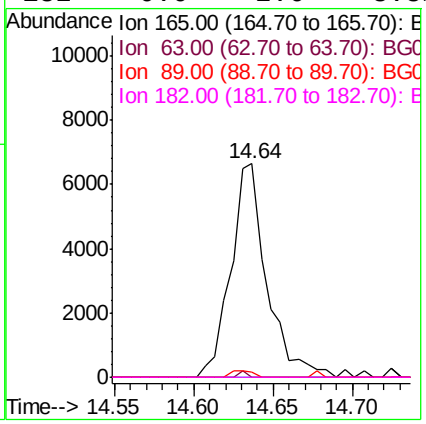


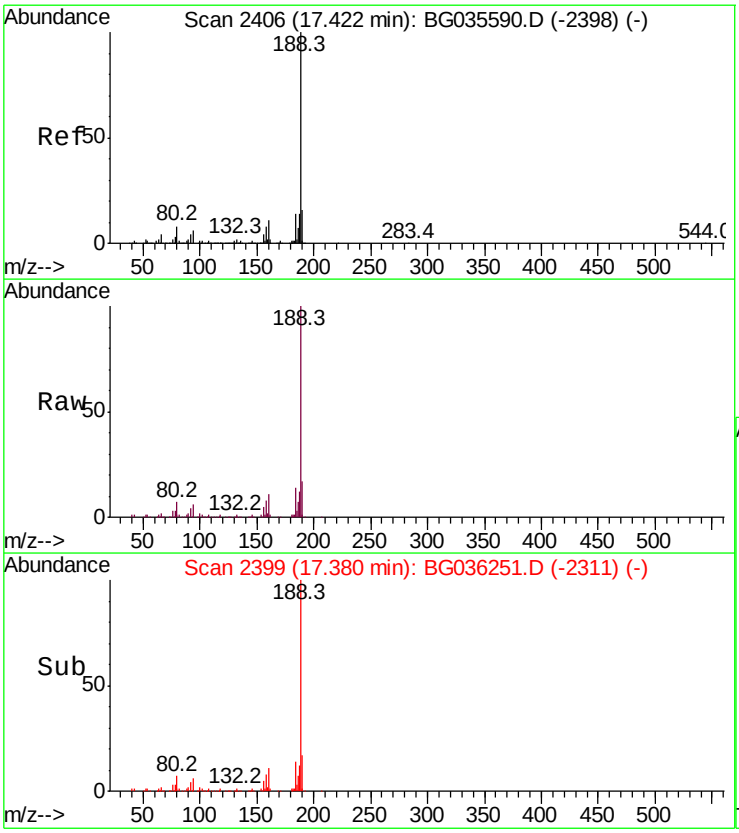
#56
2,4-Dinitrotoluene
Concen: 5.320 ng
RT: 14.64 min Scan# 1932
Delta R.T. -0.38 min
Lab File: BG036251.D
Acq: 10 Aug 2018 2:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 10414

Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	2.3	66.9	100.3#
182	0.0	2.6	3.8#

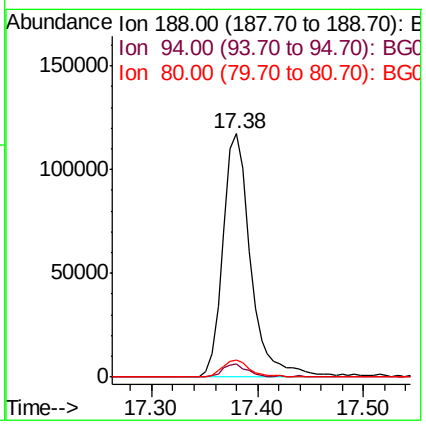


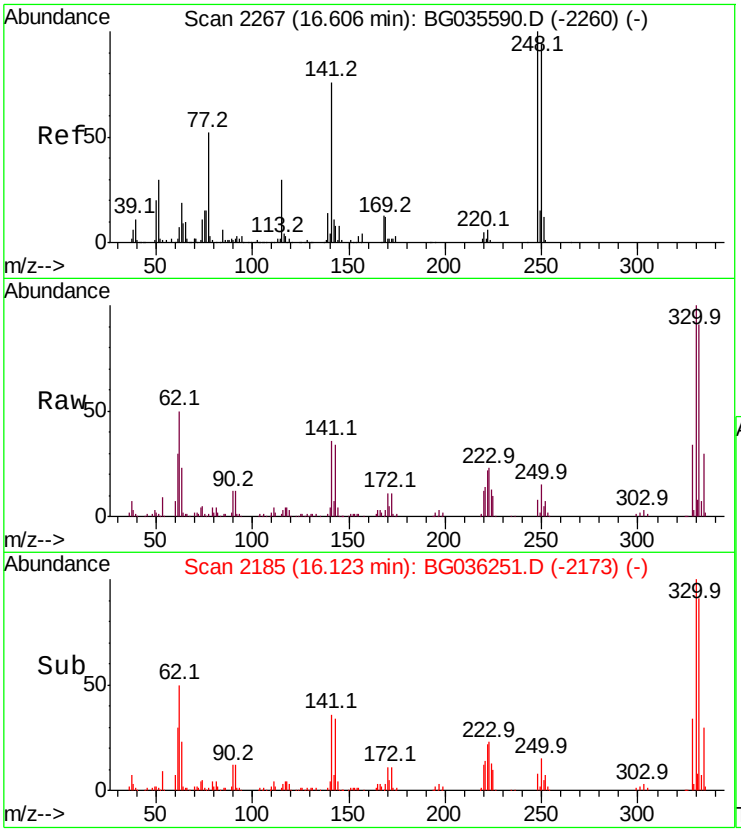


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BG036251.D
Acq: 10 Aug 2018 2:48

Tgt Ion:188 Resp: 213464

Ion	Ratio	Lower	Upper
188	100		
94	5.6	6.9	10.3#
80	7.2	7.7	11.5#



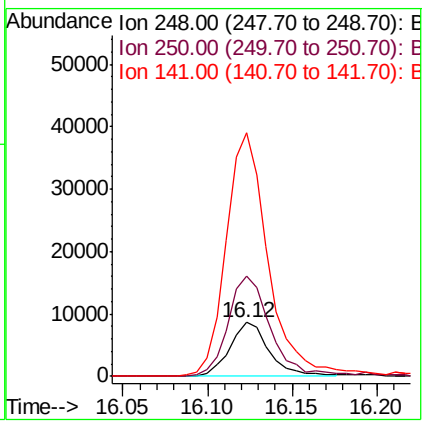


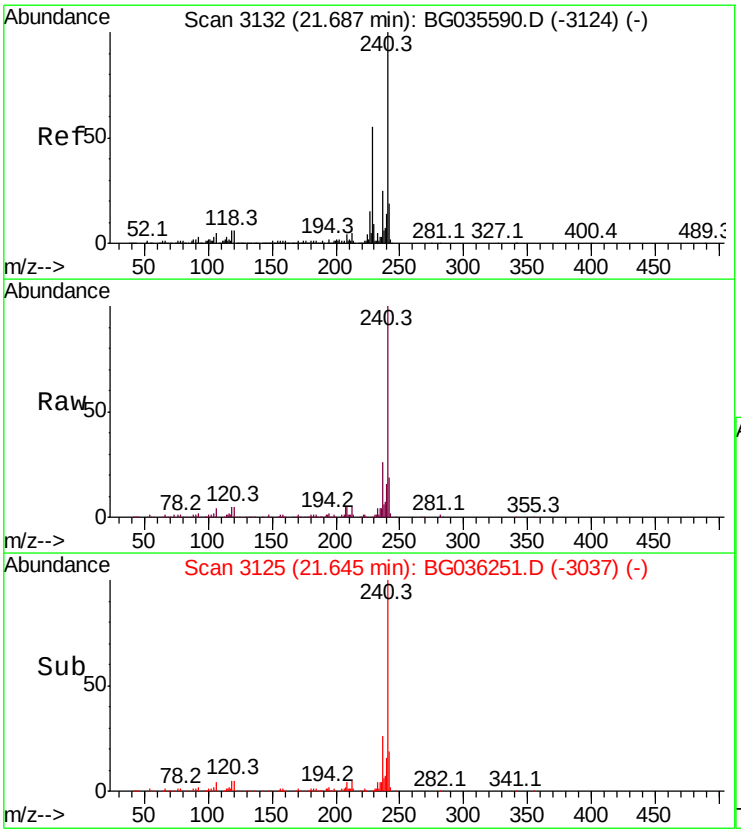
#66
4-Bromophenyl-phenylether
Concen: 5.609 ng
RT: 16.12 min Scan# 2185
Delta R.T. -0.46 min
Lab File: BG036251.D
Acq: 10 Aug 2018 2:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 13890

Ion	Ratio	Lower	Upper
248	100		
250	187.5	77.1	115.7#
141	453.4	50.8	76.2#

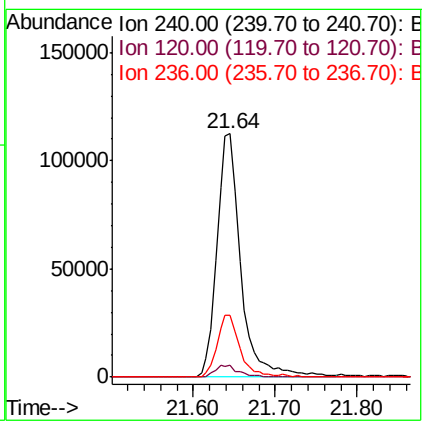


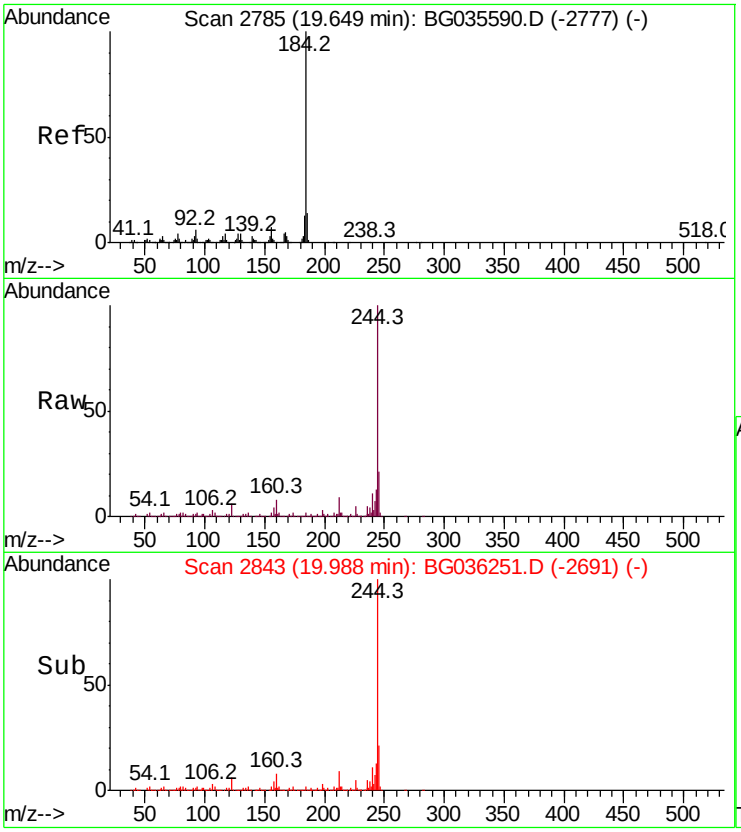


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3125
Delta R.T. -0.01 min
Lab File: BG036251.D
Acq: 10 Aug 2018 2:48

Tgt Ion:240 Resp: 228317

Ion	Ratio	Lower	Upper
240	100		
120	5.1	6.8	10.2#
236	25.5	20.9	31.3



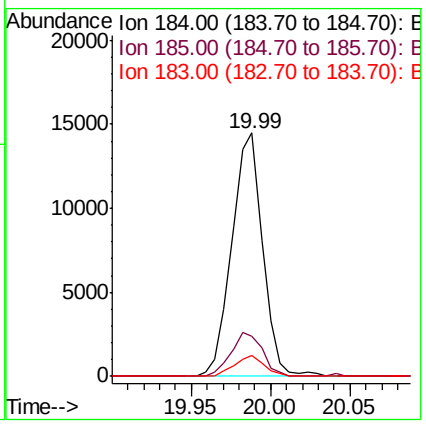


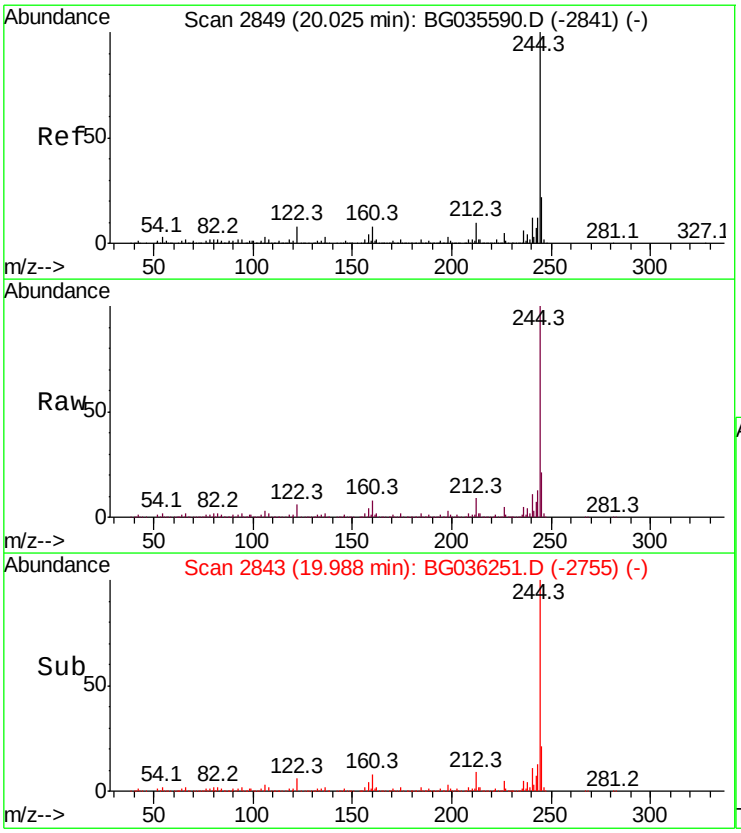
#76
Benzidine
Concen: 3.251 ng
RT: 19.99 min Scan# 2843
Delta R.T. 0.36 min
Lab File: BG036251.D
Acq: 10 Aug 2018 2:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 19516

Ion	Ratio	Lower	Upper
184	100		
185	16.7	11.1	16.7#
183	8.5	10.6	16.0#

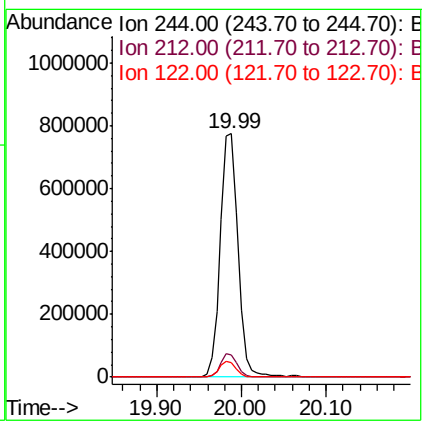


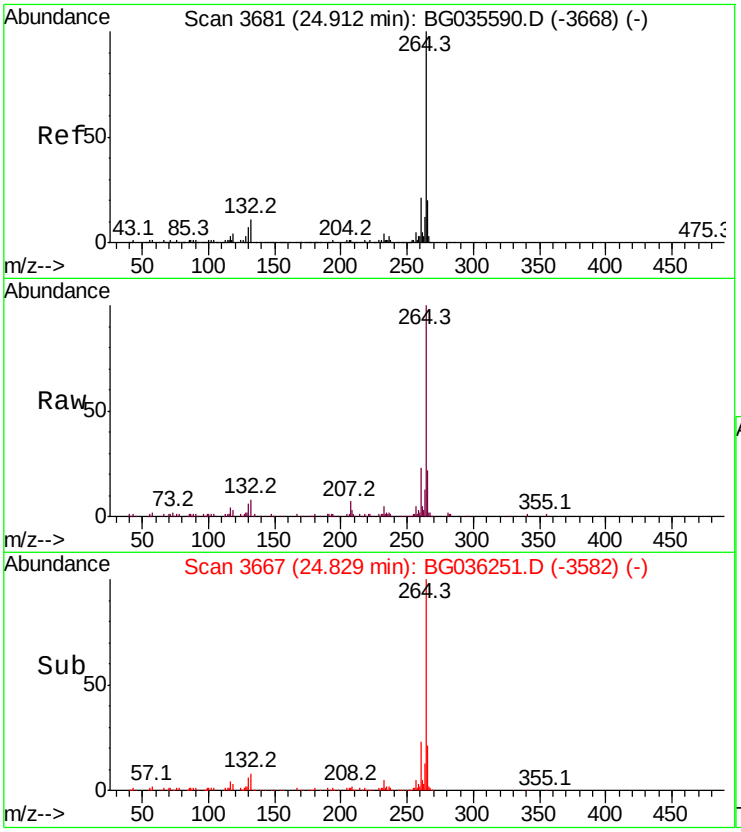


#78
Terphenyl-d14
Concen: 109.653 ng
RT: 19.99 min Scan# 2843
Delta R.T. -0.01 min
Lab File: BG036251.D
Acq: 10 Aug 2018 2:48

Tgt Ion:244 Resp: 1135762

Ion	Ratio	Lower	Upper
244	100		
212	9.4	5.8	8.8#
122	6.2	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.83 min Scan# 3667
Delta R.T. -0.03 min
Lab File: BG036251.D
Acq: 10 Aug 2018 2:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 209154

Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.4	26.0
265	21.6	17.7	26.5