Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080818\
Data File : BG036221.D
Acq On : 9 Aug 2018 7:12
Operator : JU/SJ
Sample : J4350-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 080218-TIPC-E-U-M

Quant Time: Aug 09 08:57:25 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	27069	20.00	ng	-0.01
21) Naphthalene-d8	10.81	136	95727	20.00	ng	-0.02
38) Acenaphthene-d10	14.64	164	67852	20.00	ng	-0.01
63) Phenanthrene-d10	17.38	188	189713	20.00	ng	-0.01
75) Chrysene-d12	21.64	240	207485	20.00	ng	-0.02
86) Perylene-d12	24.82	264	189893	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	80791	49.55	ng	0.00
7) Phenol-d6	7.18	99	70065	28.80	ng	-0.02
23) Nitrobenzene-d5	9.17	82	240690	105.04	ng	-0.02
41) 2,4,6-Tribromophenol	16.12	330	103970	116.25	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	540691	106.76	ng	-0.02
78) Terphenyl-d14	19.98	244	1024040	108.79	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.17	70	32723	15.975	ng	# 66
49) Dimethylphthalate	14.11	163	12826	2.158	ng	# 90
50) 2,6-Dinitrotoluene	14.64	165	9112	7.527	ng	# 18
56) 2,4-Dinitrotoluene	14.64	165	9112	5.247	ng	# 16
66) 4-Bromophenyl-phenylether	16.13	248	8249	3.748	ng	# 1
76) Benzidine	19.98	184	17214	3.156	ng	# 91

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

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080218-TIPC-E-U-M

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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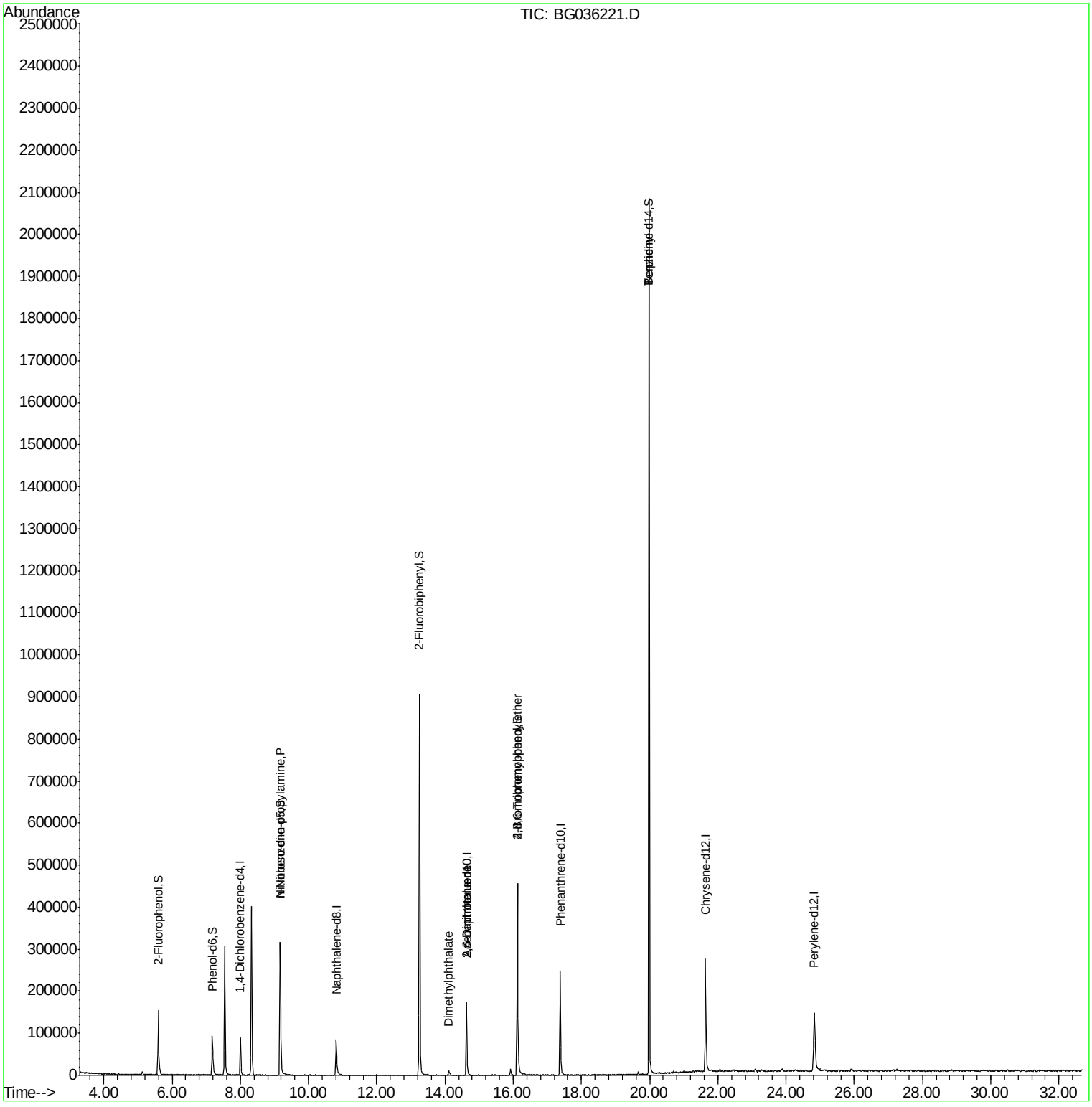
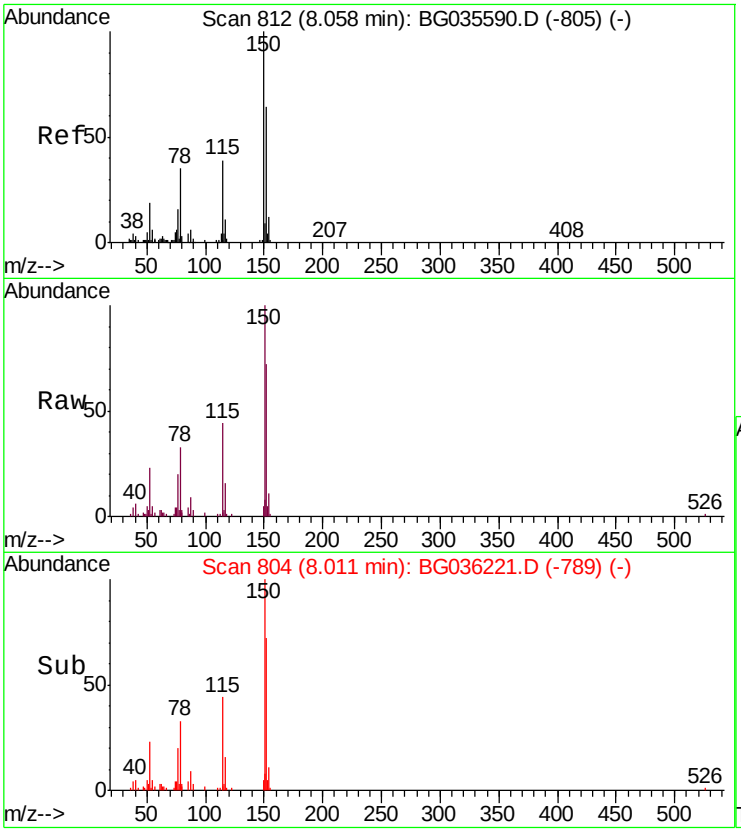
Response via : Initial Calibration



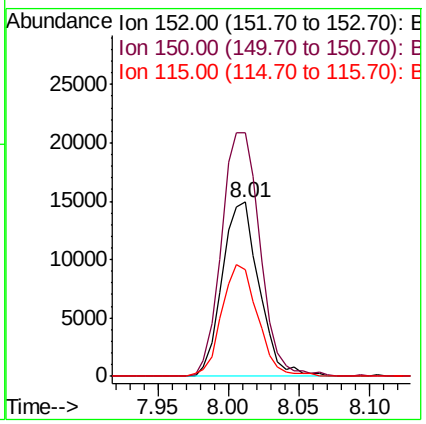


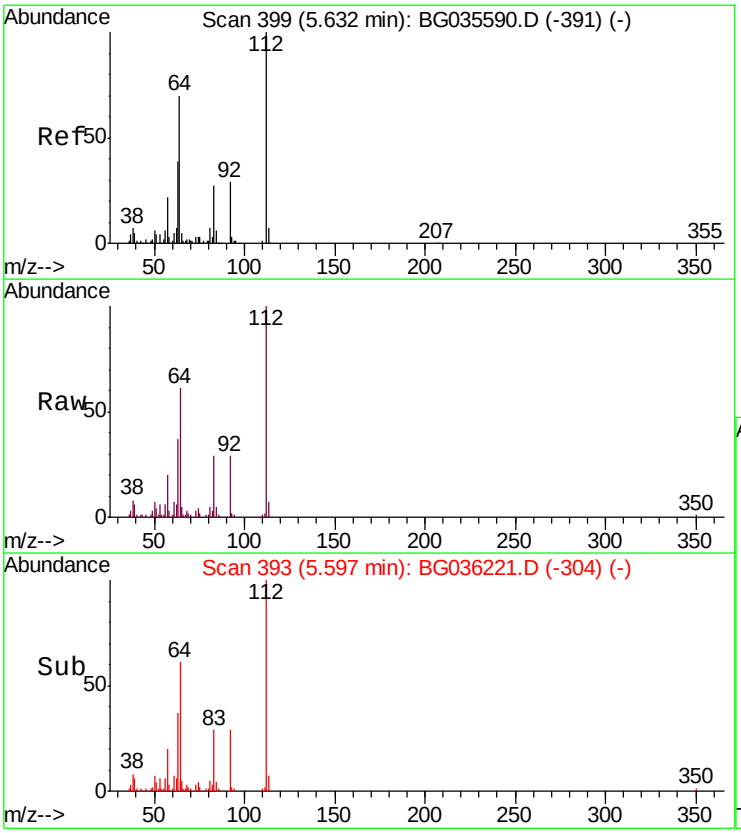
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 804
Delta R.T. -0.01 min
Lab File: BG036221.D
Acq: 9 Aug 2018 7:12

Instrument :
BNA_G
ClientSampleId :
080218-TIPC-E-U-M

Tgt Ion:152 Resp: 27069

Ion	Ratio	Lower	Upper
152	100		
150	139.6	126.6	189.8
115	61.0	53.0	79.4

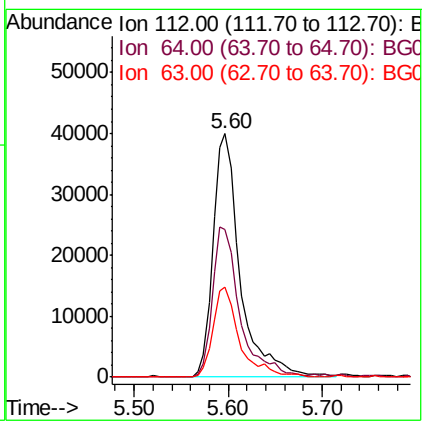


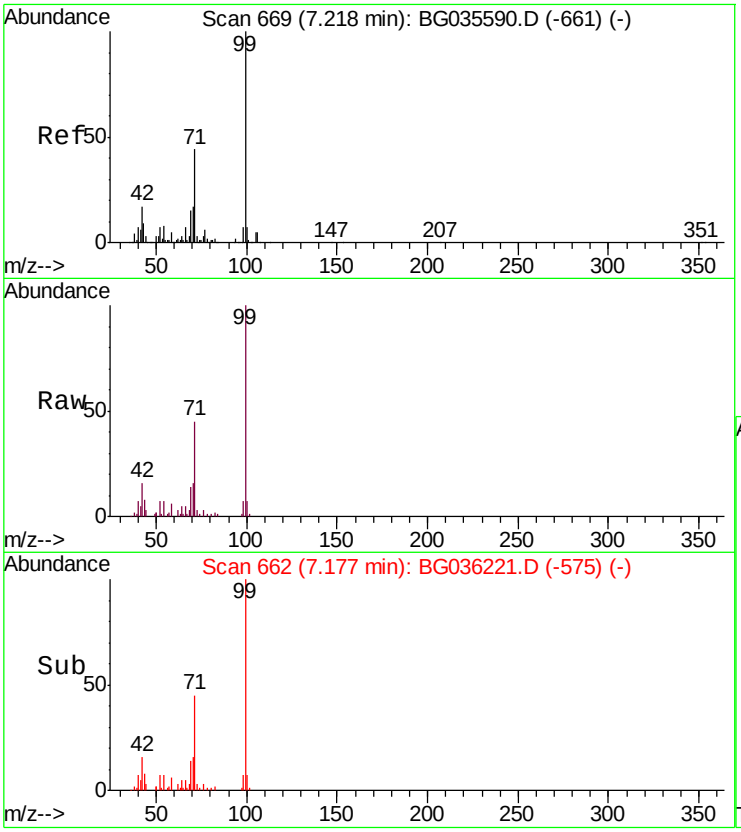


#5
2-Fluorophenol
Concen: 49.552 ng
RT: 5.60 min Scan# 393
Delta R.T. -0.01 min
Lab File: BG036221.D
Acq: 9 Aug 2018 7:12

Tgt Ion:112 Resp: 80791

Ion	Ratio	Lower	Upper
112	100		
64	60.8	56.3	84.5
63	36.9	30.1	45.1



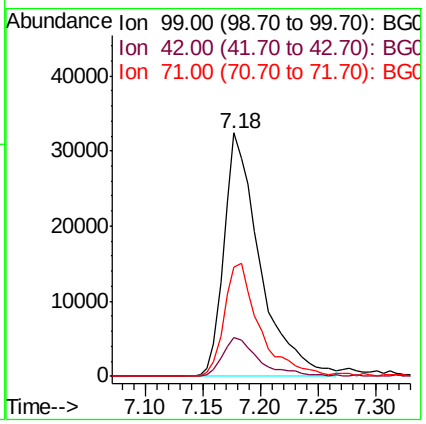


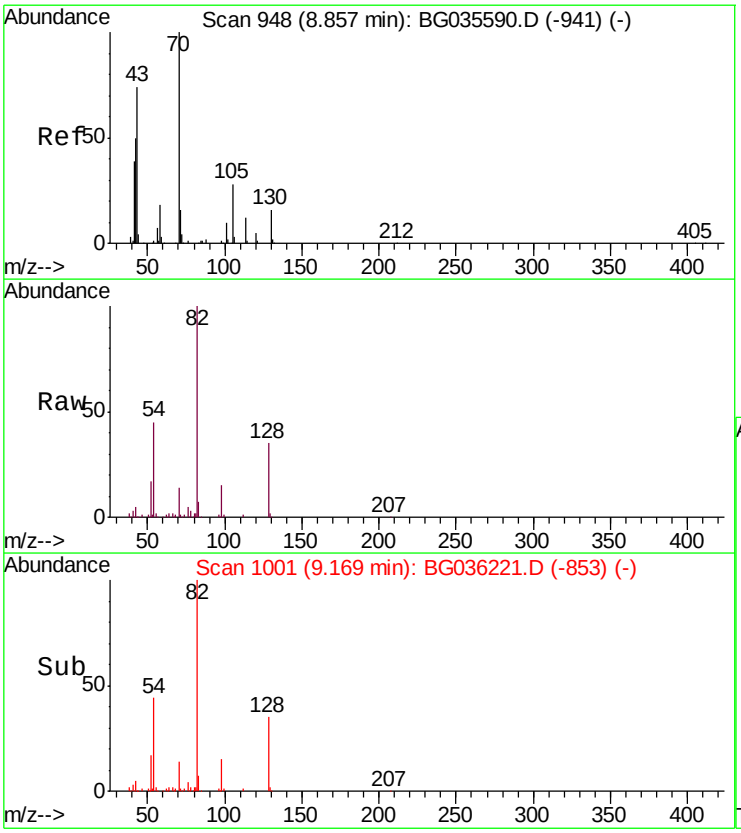
#7
Phenol-d6
Concen: 28.803 ng
RT: 7.18 min Scan# 662
Delta R.T. -0.02 min
Lab File: BG036221.D
Acq: 9 Aug 2018 7:12

Instrument :
BNA_G
ClientSampleId :
080218-TIPC-E-U-M

Tgt Ion: 99 Resp: 70065

Ion	Ratio	Lower	Upper
99	100		
42	15.9	14.1	21.1
71	44.7	26.1	39.1#

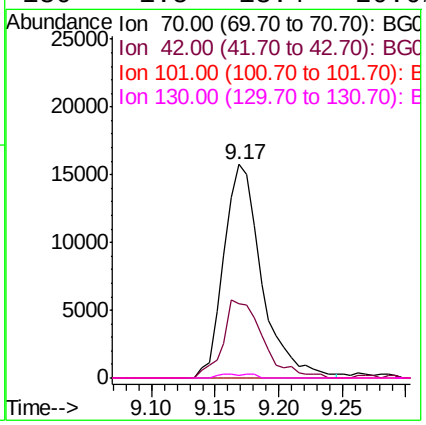


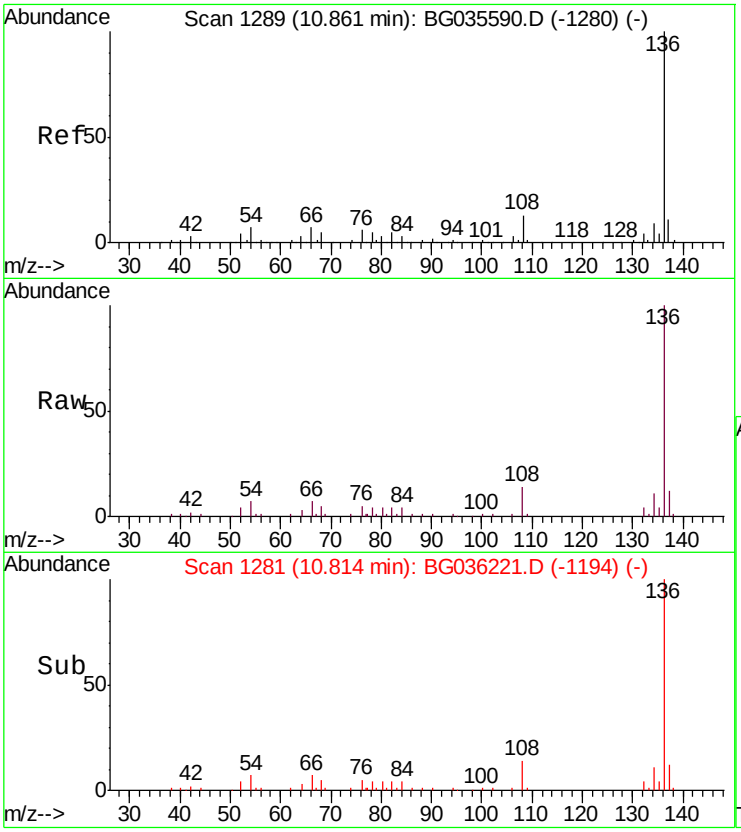


#19
n-Nitroso-di-n-propylamine
Concen: 15.975 ng
RT: 9.17 min Scan# 1001
Delta R.T. 0.34 min
Lab File: BG036221.D
Acq: 9 Aug 2018 7:12

Tgt Ion: 70 Resp: 32723

Ion	Ratio	Lower	Upper
70	100		
42	34.9	49.1	73.7#
101	0.0	8.5	12.7#
130	1.5	13.4	20.0#



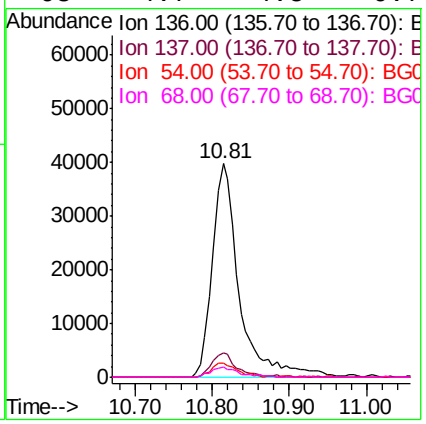


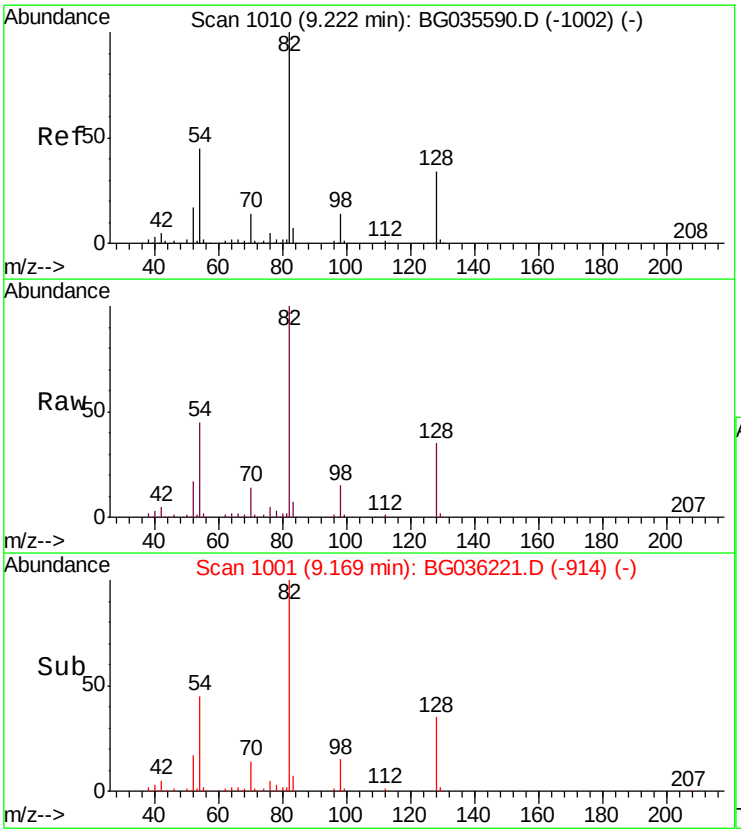
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BG036221.D
Acq: 9 Aug 2018 7:12

Instrument :
BNA_G
ClientSampleId :
080218-TIPC-E-U-M

Tgt Ion:136 Resp: 95727

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.2	13.8
54	6.6	10.3	15.5#
68	4.7	4.5	6.7

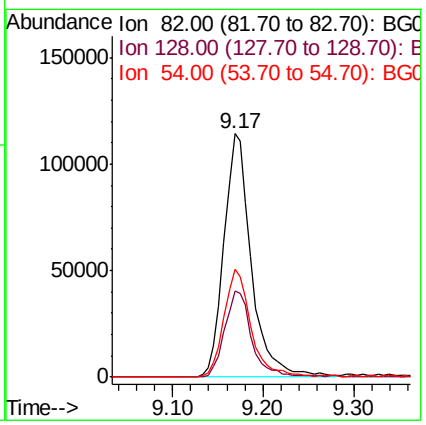


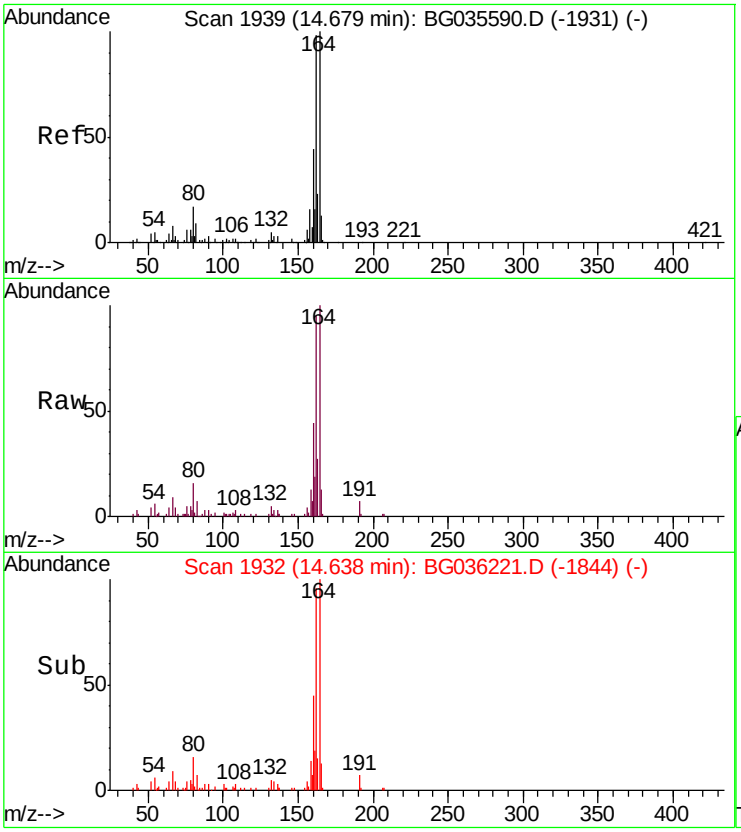


#23
Nitrobenzene-d5
Concen: 105.036 ng
RT: 9.17 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BG036221.D
Acq: 9 Aug 2018 7:12

Tgt Ion: 82 Resp: 240690

Ion	Ratio	Lower	Upper
82	100		
128	35.2	29.7	44.5
54	44.5	43.1	64.7



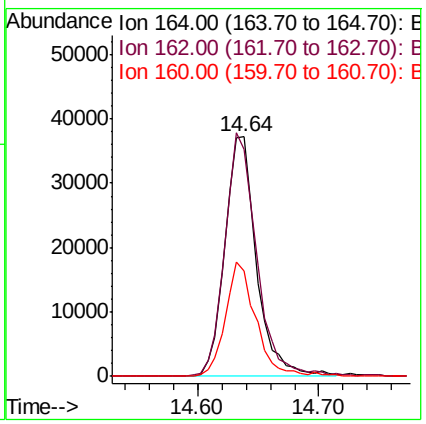


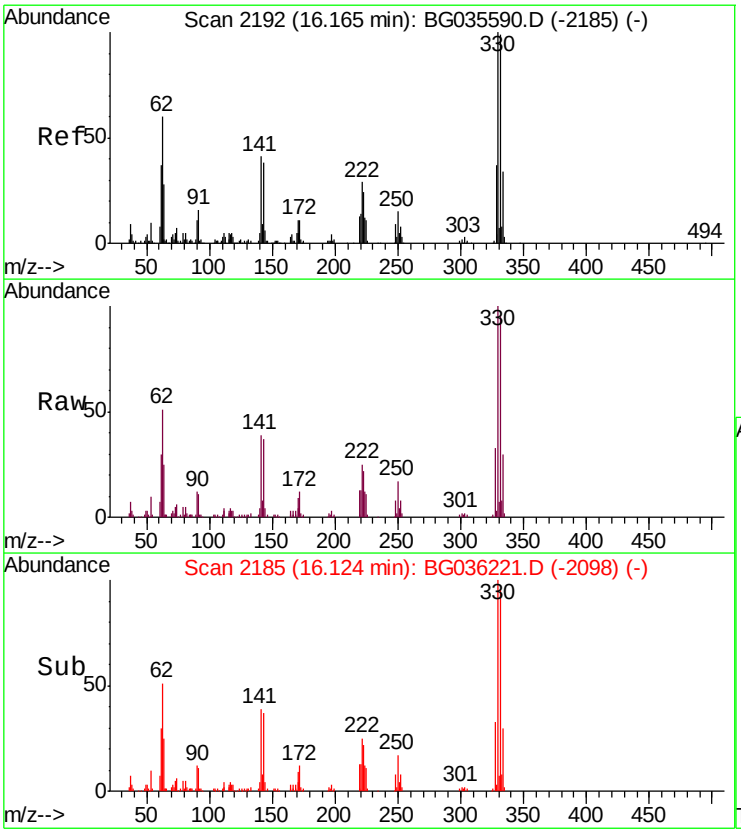
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BG036221.D
Acq: 9 Aug 2018 7:12

Instrument :
BNA_G
ClientSampleId :
080218-TIPC-E-U-M

Tgt Ion:164 Resp: 67852

Ion	Ratio	Lower	Upper
164	100		
162	94.9	78.8	118.2
160	44.1	35.4	53.0

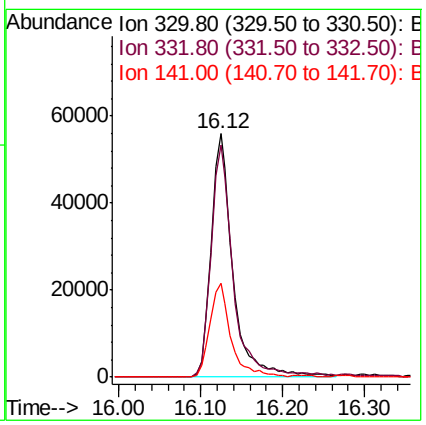


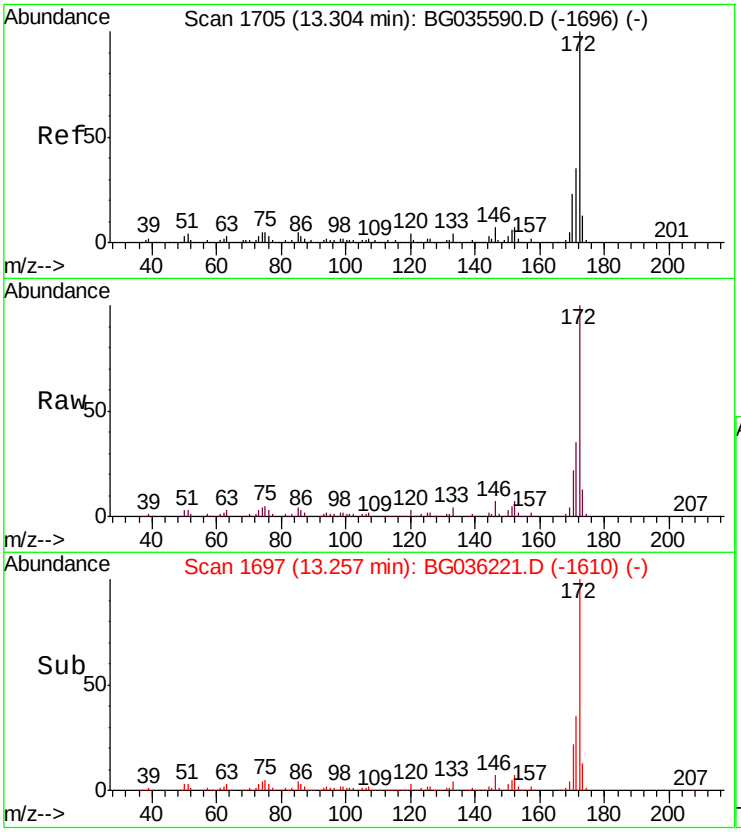


#41
2,4,6-Tribromophenol
Concen: 116.254 ng
RT: 16.12 min Scan# 2185
Delta R.T. -0.02 min
Lab File: BG036221.D
Acq: 9 Aug 2018 7:12

Tgt Ion:330 Resp: 103970

Ion	Ratio	Lower	Upper
330	100		
332	94.3	77.0	115.6
141	37.4	25.2	37.8



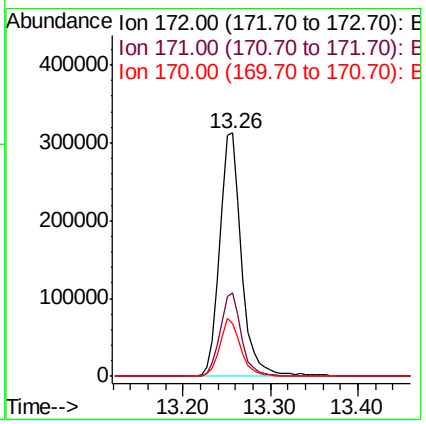


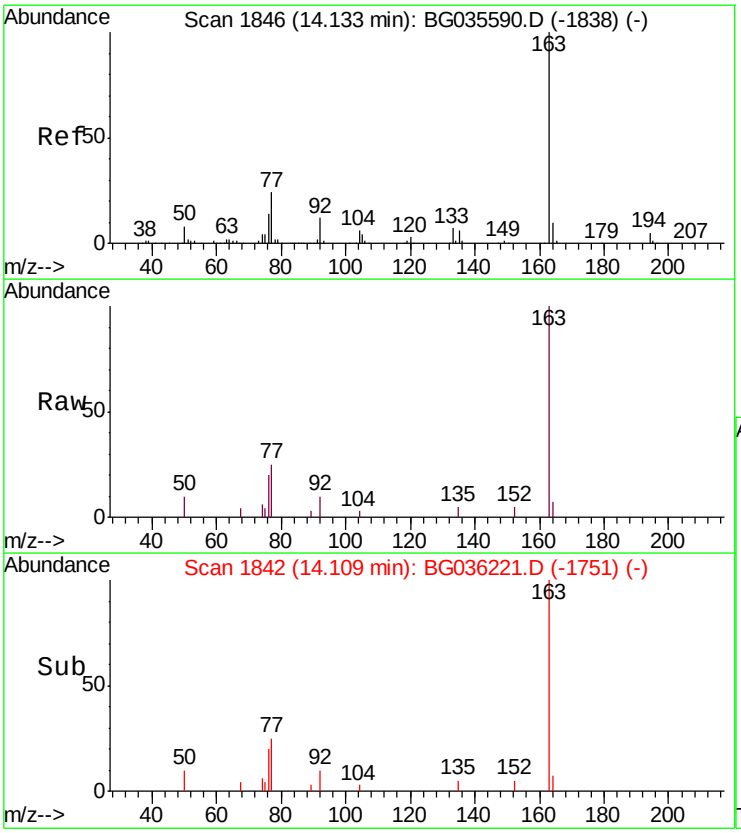
#44
2-Fluorobiphenyl
Concen: 106.760 ng
RT: 13.26 min Scan# 1697
Delta R.T. -0.02 min
Lab File: BG036221.D
Acq: 9 Aug 2018 7:12

Instrument :
BNA_G
ClientSampleId :
080218-TIPC-E-U-M

Tgt Ion:172 Resp: 540691

Ion	Ratio	Lower	Upper
172	100		
171	34.6	30.0	45.0
170	22.0	19.5	29.3

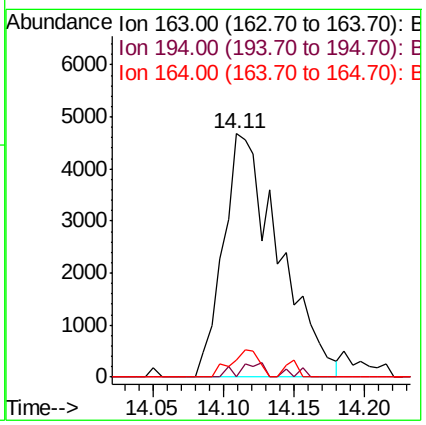


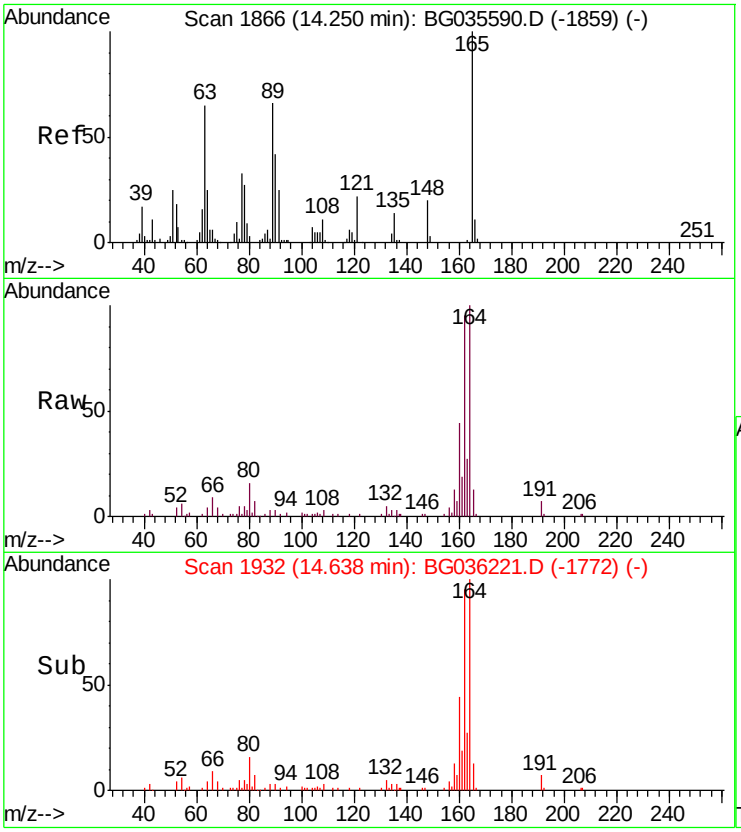


#49
Dimethylphthalate
Concen: 2.158 ng
RT: 14.11 min Scan# 1842
Delta R.T. 0.00 min
Lab File: BG036221.D
Acq: 9 Aug 2018 7:12

Tgt Ion:163 Resp: 12826

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.4	5.2#
164	7.3	8.2	12.4#



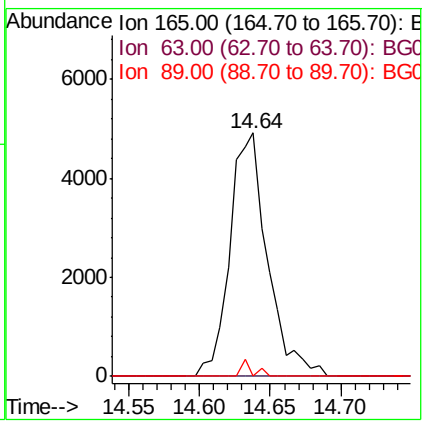


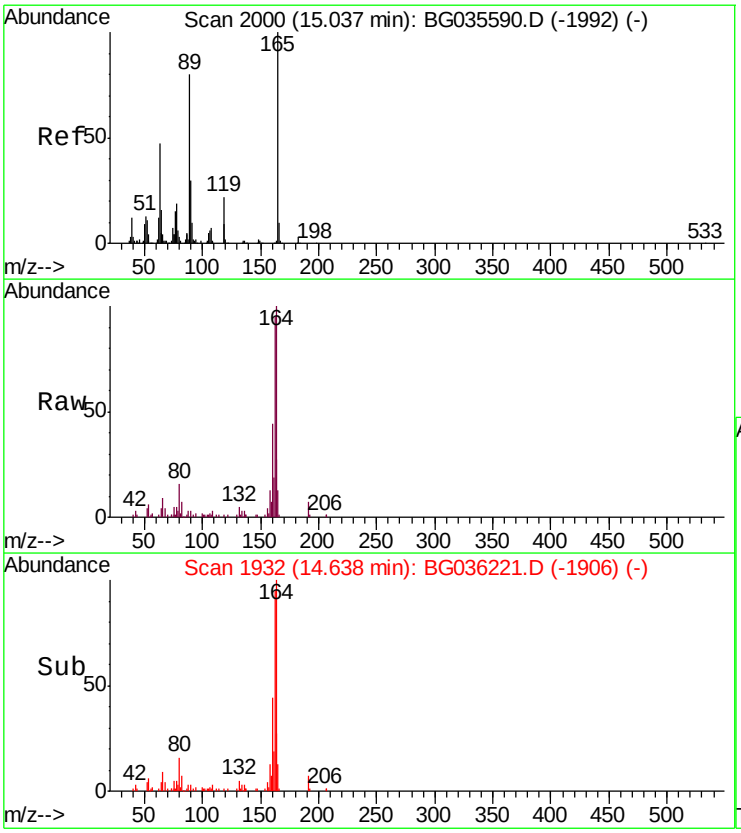
#50
2,6-Dinitrotoluene
Concen: 7.527 ng
RT: 14.64 min Scan# 1932
Delta R.T. 0.41 min
Lab File: BG036221.D
Acq: 9 Aug 2018 7:12

Instrument :
BNA_G
ClientSampleId :
080218-TIPC-E-U-M

Tgt Ion:165 Resp: 9112

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

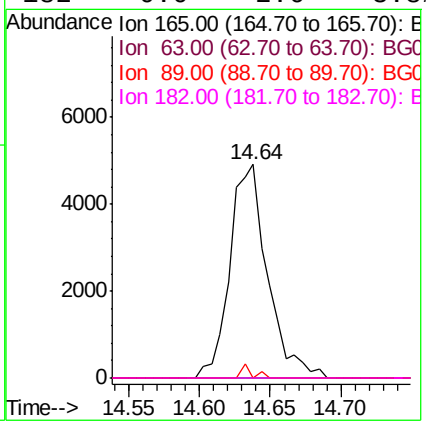


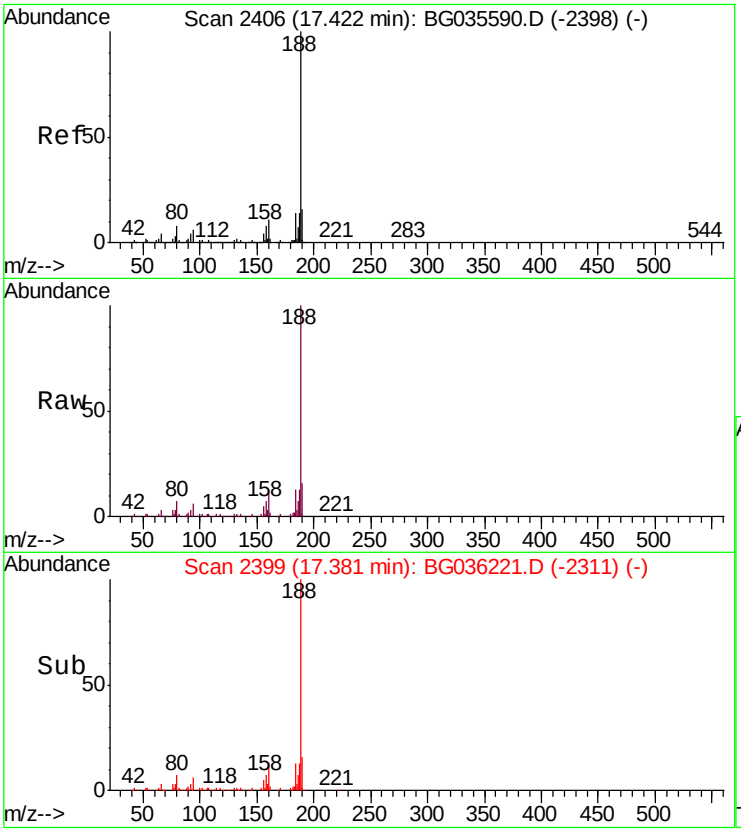


#56
2,4-Dinitrotoluene
Concen: 5.247 ng
RT: 14.64 min Scan# 1932
Delta R.T. -0.38 min
Lab File: BG036221.D
Acq: 9 Aug 2018 7:12

Tgt Ion:165 Resp: 9112

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#



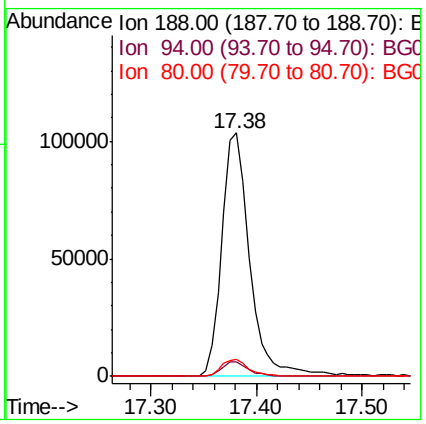


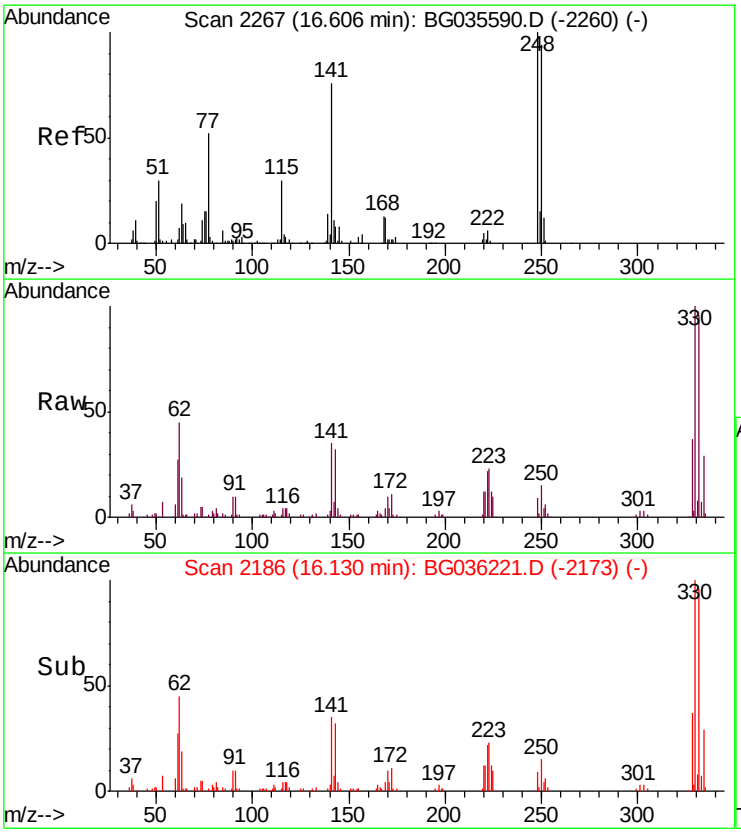
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BG036221.D
Acq: 9 Aug 2018 7:12

Instrument :
BNA_G
ClientSampleId :
080218-TIPC-E-U-M

Tgt Ion:188 Resp: 189713

Ion	Ratio	Lower	Upper
188	100		
94	5.9	6.9	10.3#
80	7.0	7.7	11.5#

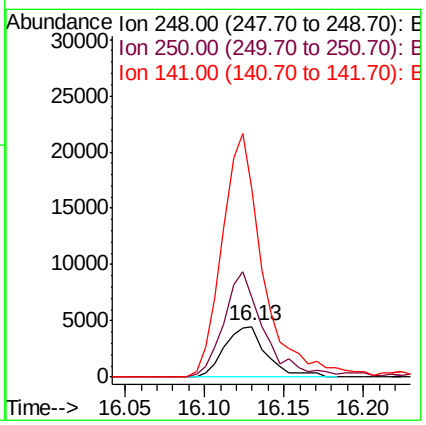


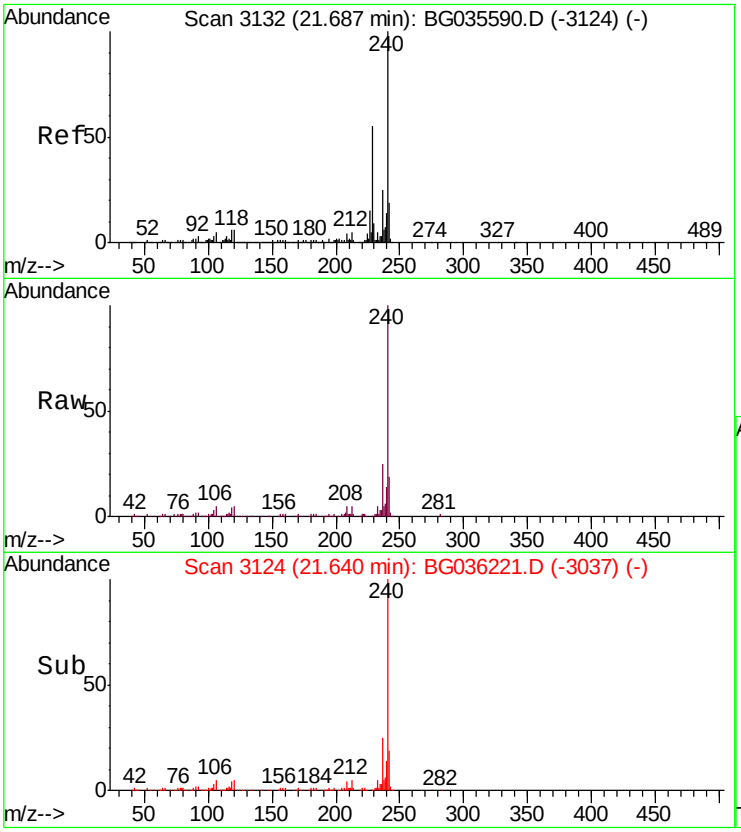


#66
4-Bromophenyl-phenylether
Concen: 3.748 ng
RT: 16.13 min Scan# 2186
Delta R.T. -0.45 min
Lab File: BG036221.D
Acq: 9 Aug 2018 7:12

Tgt Ion:248 Resp: 8249

Ion	Ratio	Lower	Upper
248	100		
250	156.6	77.1	115.7#
141	373.4	50.8	76.2#



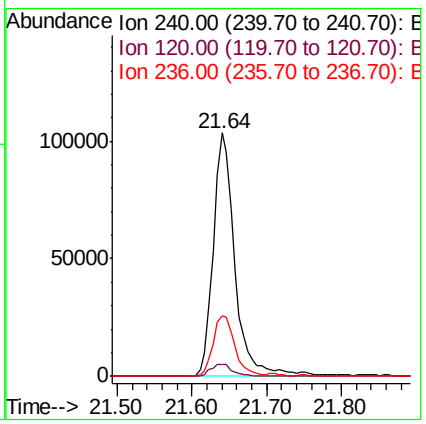


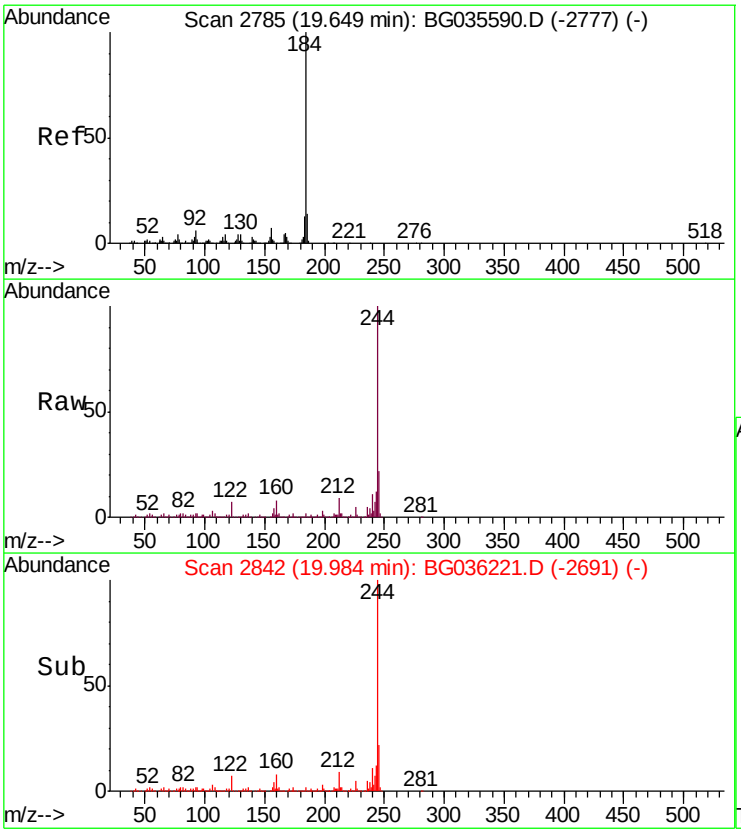
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3124
Delta R.T. -0.02 min
Lab File: BG036221.D
Acq: 9 Aug 2018 7:12

Instrument :
BNA_G
ClientSampleId :
080218-TIPC-E-U-M

Tgt Ion:240 Resp: 207485

Ion	Ratio	Lower	Upper
240	100		
120	5.0	6.8	10.2#
236	24.9	20.9	31.3

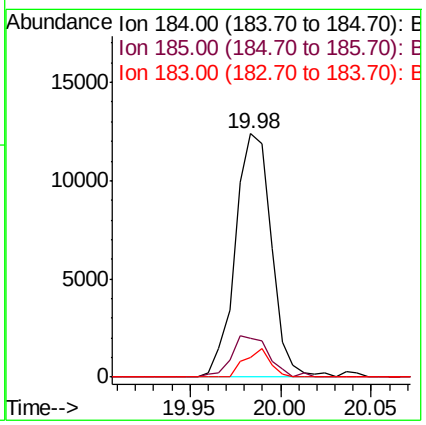


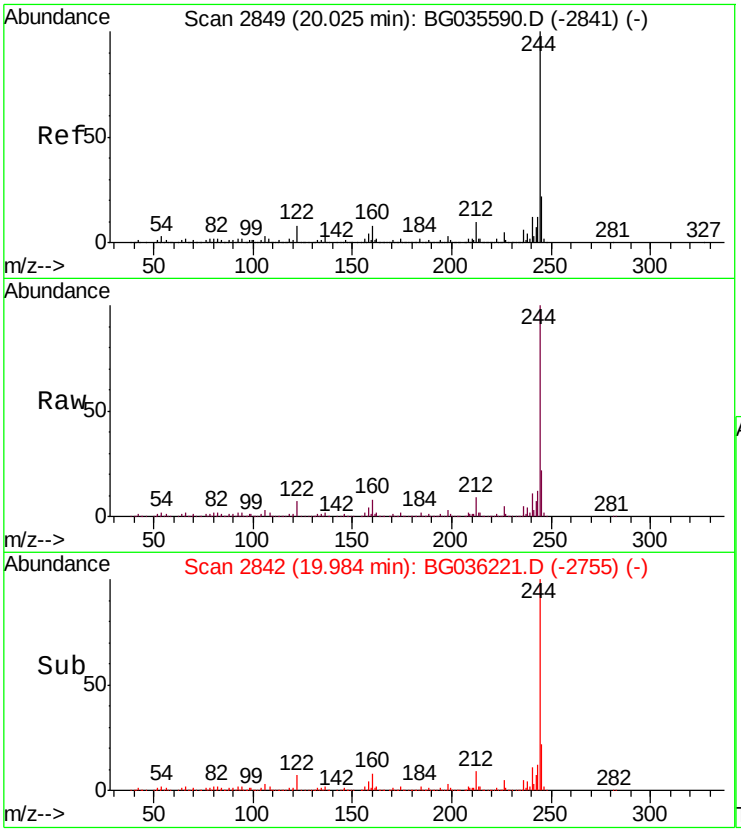


#76
Benzidine
Concen: 3.156 ng
RT: 19.98 min Scan# 2842
Delta R.T. 0.36 min
Lab File: BG036221.D
Acq: 9 Aug 2018 7:12

Tgt Ion:184 Resp: 17214

Ion	Ratio	Lower	Upper
184	100		
185	15.8	11.1	16.7
183	8.2	10.6	16.0#



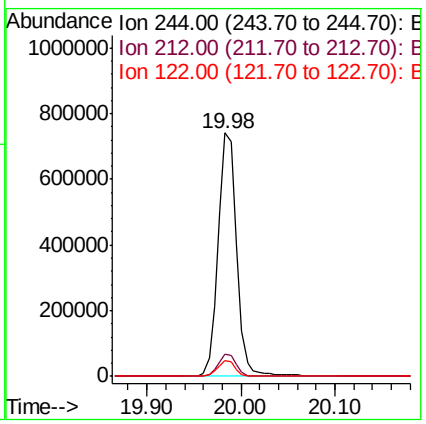


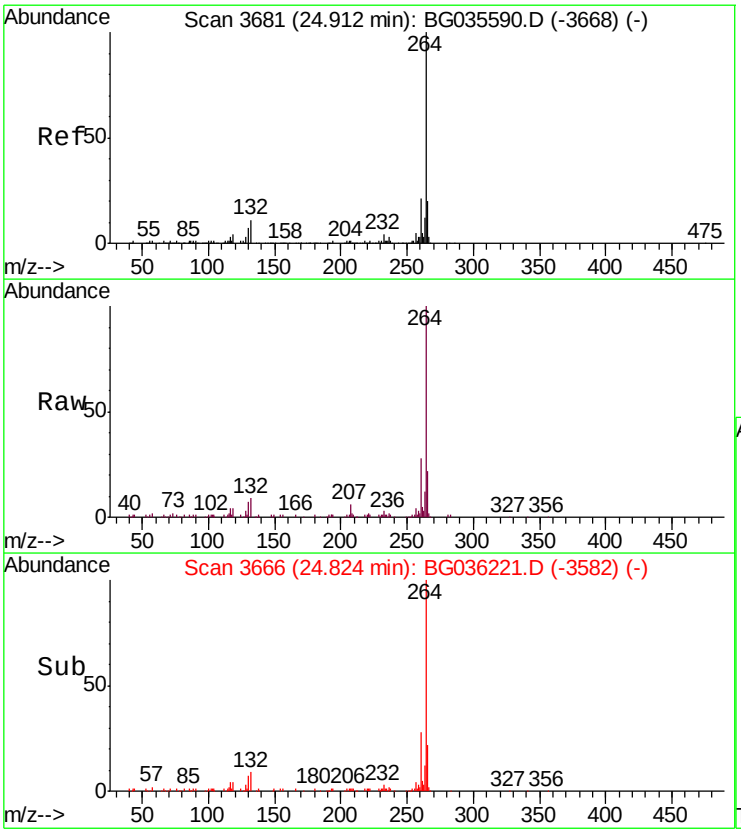
#78
Terphenyl-d14
Concen: 108.793 ng
RT: 19.98 min Scan# 2842
Delta R.T. -0.02 min
Lab File: BG036221.D
Acq: 9 Aug 2018 7:12

Instrument :
BNA_G
ClientSampleId :
080218-TIPC-E-U-M

Tgt Ion:244 Resp: 1024040

Ion	Ratio	Lower	Upper
244	100		
212	9.2	5.8	8.8#
122	6.6	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.82 min Scan# 3666
Delta R.T. -0.04 min
Lab File: BG036221.D
Acq: 9 Aug 2018 7:12

Tgt Ion:264 Resp: 189893

Ion	Ratio	Lower	Upper
264	100		
260	27.5	17.4	26.0#
265	22.1	17.7	26.5