Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060718\
Data File : BG034966.D
Acq On : 7 Jun 2018 23:55
Operator : SJ/JU
Sample : PB109967BL
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jun 08 04:33:59 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 07 13:13:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	37906	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	142068	20.00	ng	0.00
38) Acenaphthene-d10	14.70	164	104631	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	288847	20.00	ng	0.00
75) Chrysene-d12	21.71	240	314205	20.00	ng	-0.01
86) Perylene-d12	24.96	264	302776	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	308381	137.29	ng	0.00
7) Phenol-d6	7.23	99	456140	137.59	ng	0.00
23) Nitrobenzene-d5	9.24	82	280856	93.97	ng	-0.01
41) 2,4,6-Tribromophenol	16.18	330	193841	144.72	ng	0.00
44) 2-Fluorobiphenyl	13.33	172	693348	86.15	ng	0.00
78) Terphenyl-d14	20.06	244	1308591	87.24	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.24	70	38536	13.68	ng	# 67
50) 2,6-Dinitrotoluene	14.70	165	13394	8.05	ng	# 18
56) 2,4-Dinitrotoluene	14.70	165	13394	6.06	ng	# 16
66) 4-Bromophenyl-phenylether	16.18	248	15779	4.54	ng	# 1
76) Benzidine	20.06	184	23676	2.03	ng	# 91

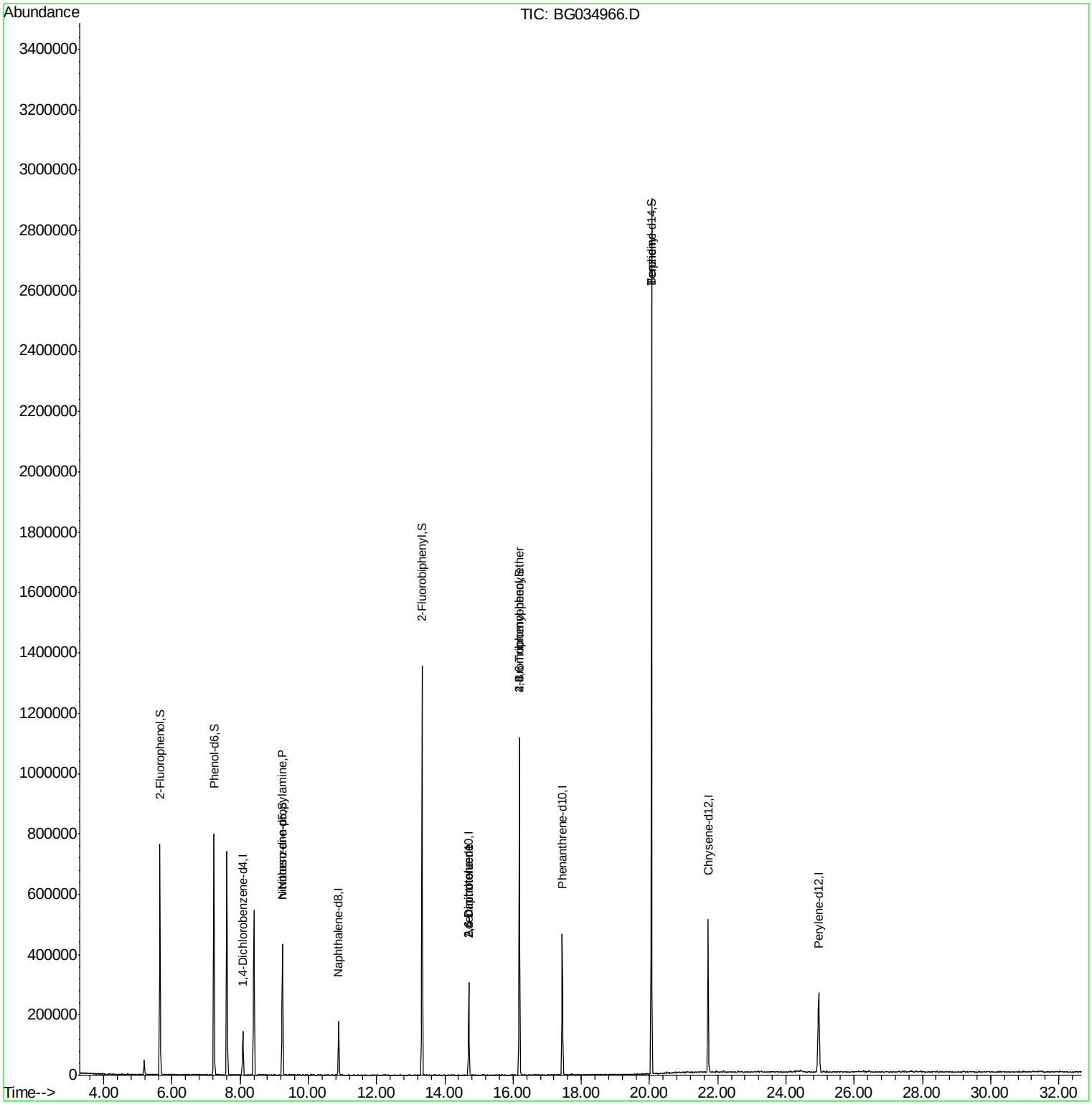
(#) = qualifier out of range (m) = manual integration (+) = signals summed

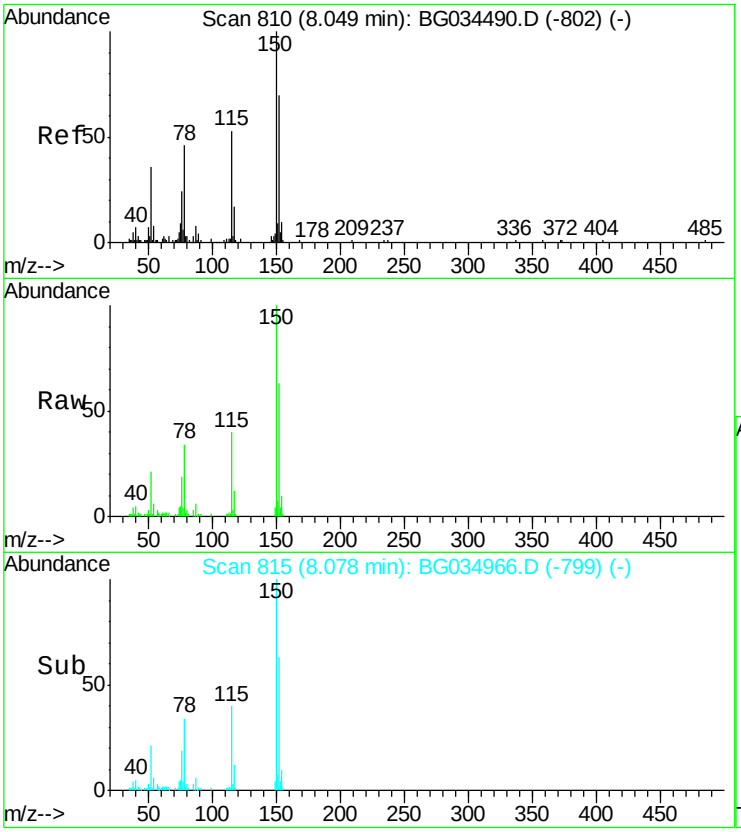
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060718\
Data File : BG034966.D
Acq On : 7 Jun 2018 23:55
Operator : SJ/JU
Sample : PB109967BL
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jun 08 04:33:59 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 07 13:13:20 2018
Response via : Initial Calibration



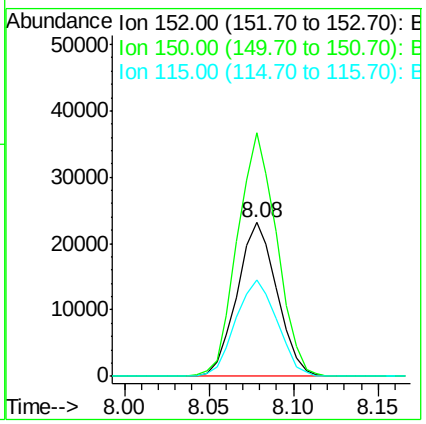


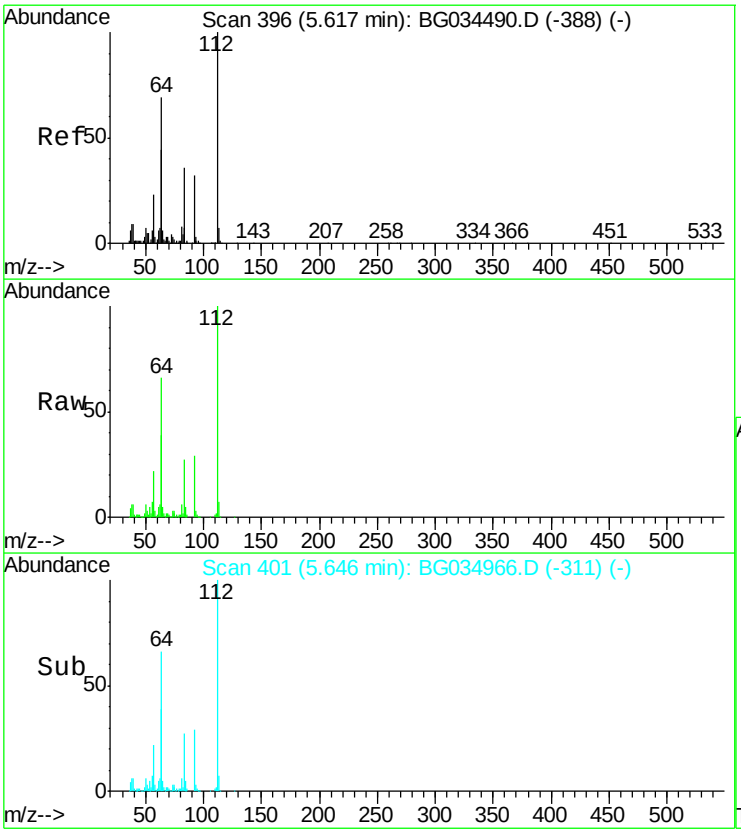
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.08 min Scan# 815
Delta R.T. -0.01 min
Lab File: BG034966.D
Acq: 7 Jun 2018 23:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 37906

Ion	Ratio	Lower	Upper
152	100		
150	158.7	126.6	189.8
115	63.2	53.0	79.4

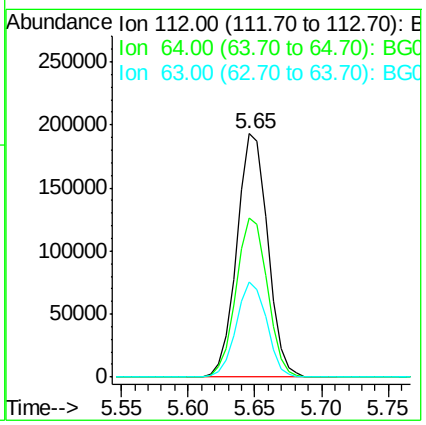


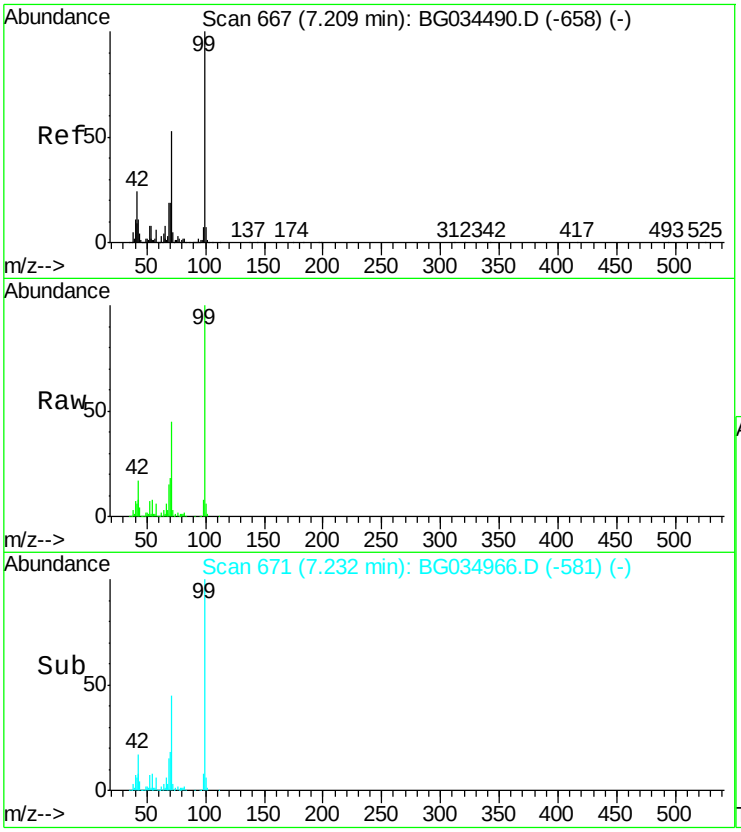


#5
2-Fluorophenol
Concen: 137.29 ng
RT: 5.65 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG034966.D
Acq: 7 Jun 2018 23:55

Tgt Ion:112 Resp: 308381

Ion	Ratio	Lower	Upper
112	100		
64	65.6	56.3	84.5
63	39.0	30.1	45.1



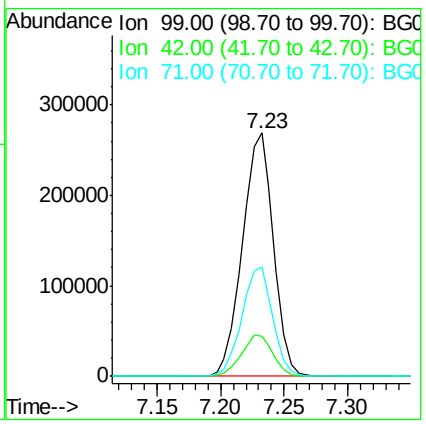


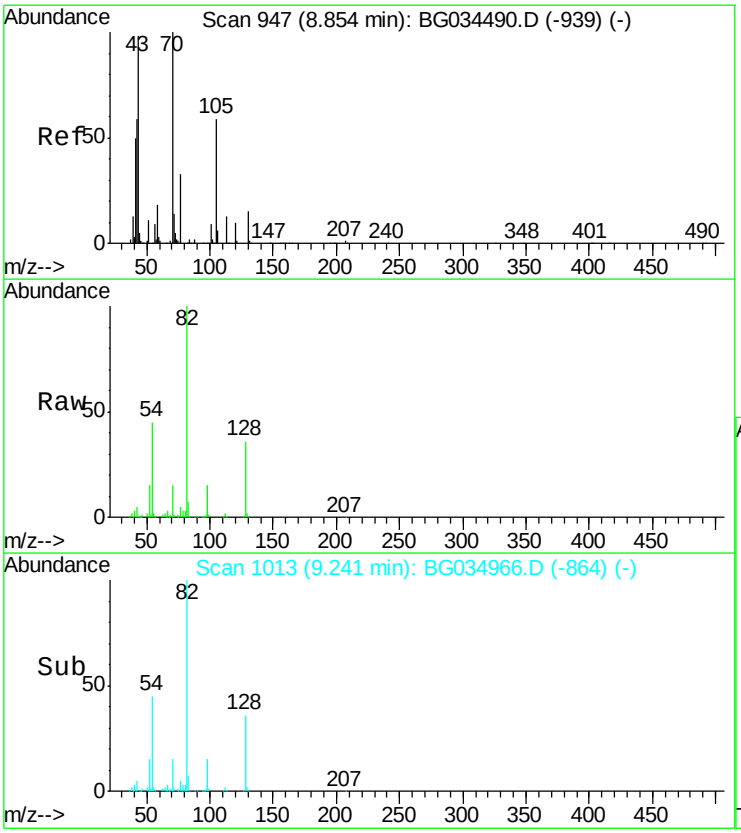
#7
Phenol-d6
Concen: 137.59 ng
RT: 7.23 min Scan# 671
Delta R.T. -0.00 min
Lab File: BG034966.D
Acq: 7 Jun 2018 23:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 456140

Ion	Ratio	Lower	Upper
99	100		
42	16.6	14.1	21.1
71	45.1	26.1	39.1#

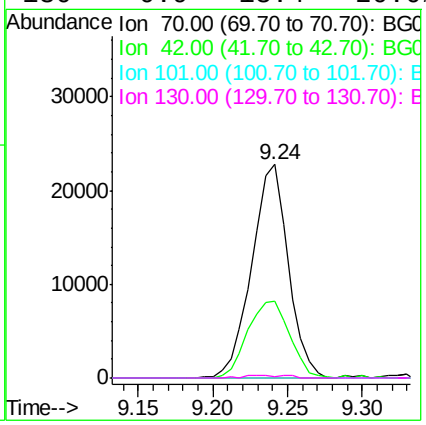


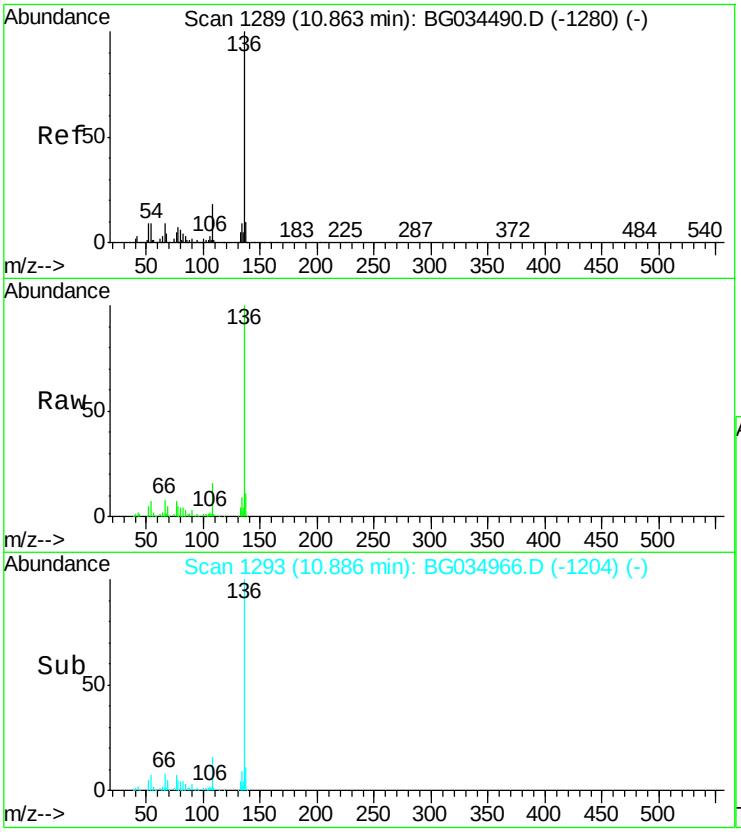


#19
n-Nitroso-di-n-propylamine
Concen: 13.68 ng
RT: 9.24 min Scan# 1013
Delta R.T. 0.34 min
Lab File: BG034966.D
Acq: 7 Jun 2018 23:55

Tgt Ion: 70 Resp: 38536

Ion	Ratio	Lower	Upper
70	100		
42	36.0	49.1	73.7#
101	0.0	8.5	12.7#
130	0.9	13.4	20.0#



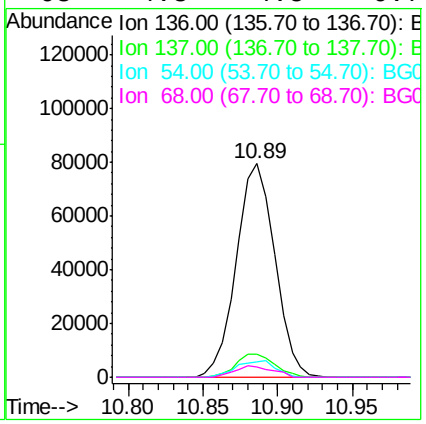


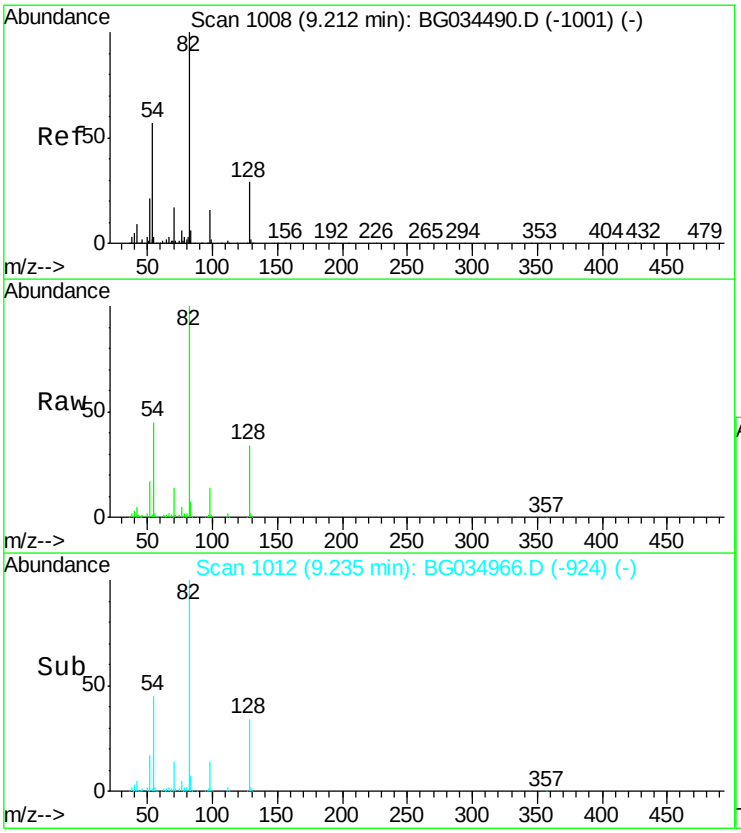
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.89 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BG034966.D
Acq: 7 Jun 2018 23:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 142068

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	7.5	10.3	15.5#
68	4.8	4.5	6.7

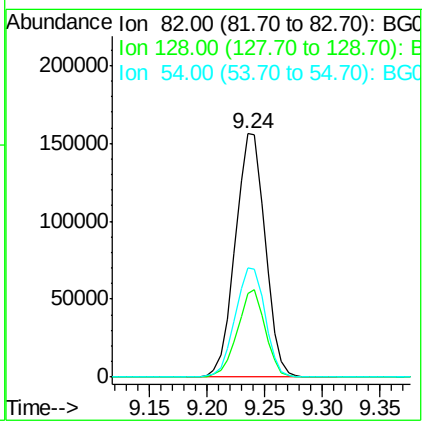


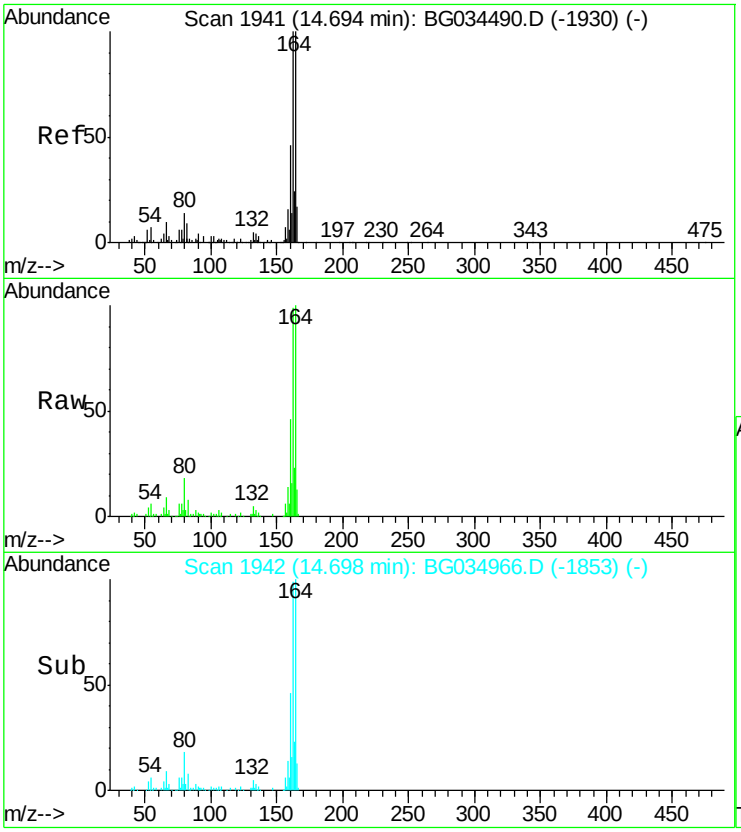


#23
Nitrobenzene-d5
Concen: 93.97 ng
RT: 9.24 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BG034966.D
Acq: 7 Jun 2018 23:55

Tgt Ion: 82 Resp: 280856

Ion	Ratio	Lower	Upper
82	100		
128	34.1	29.7	44.5
54	45.1	43.1	64.7



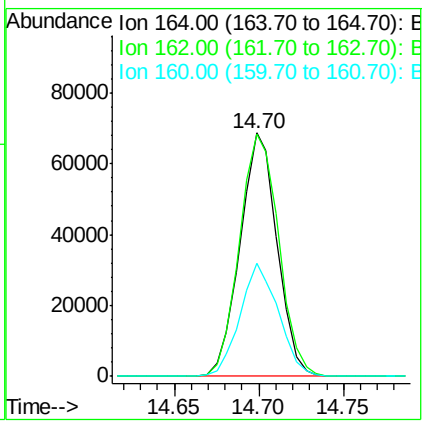


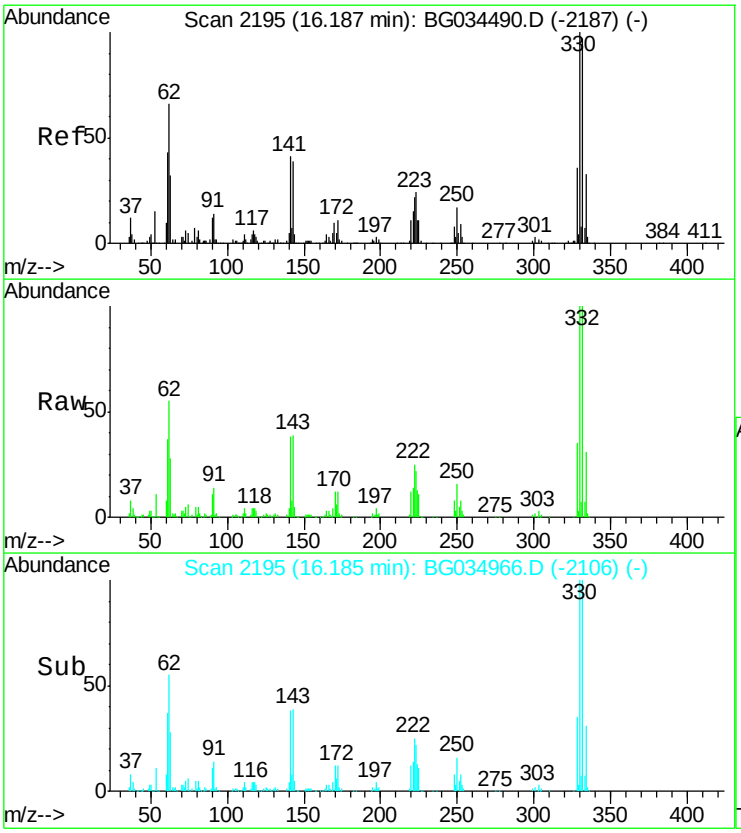
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.70 min Scan# 1942
Delta R.T. -0.01 min
Lab File: BG034966.D
Acq: 7 Jun 2018 23:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 104631

Ion	Ratio	Lower	Upper
164	100		
162	99.3	78.8	118.2
160	46.4	35.4	53.0

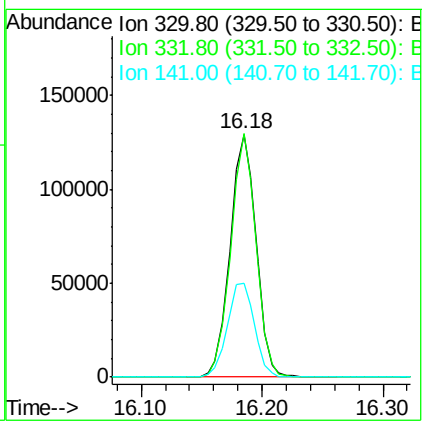


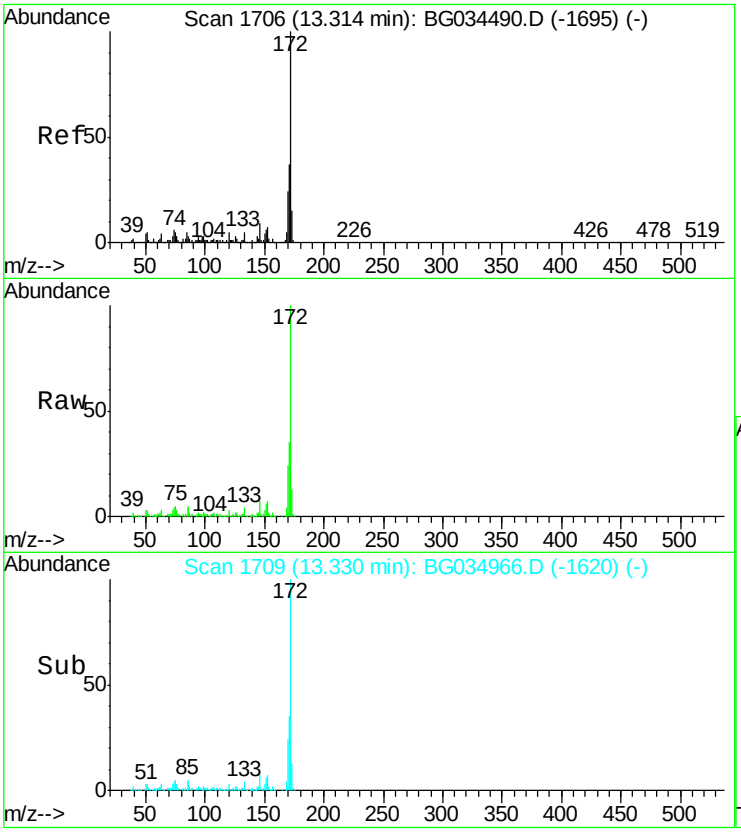


#41
2,4,6-Tribromophenol
Concen: 144.72 ng
RT: 16.18 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BG034966.D
Acq: 7 Jun 2018 23:55

Tgt Ion:330 Resp: 193841

Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	40.0	25.2	37.8#



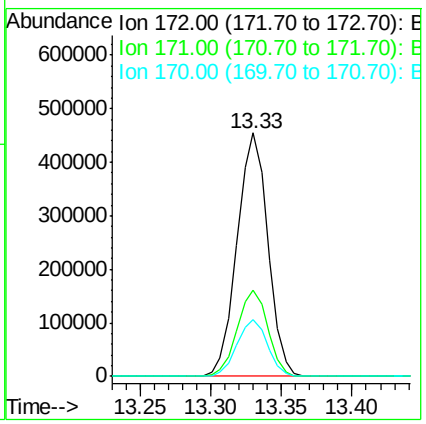


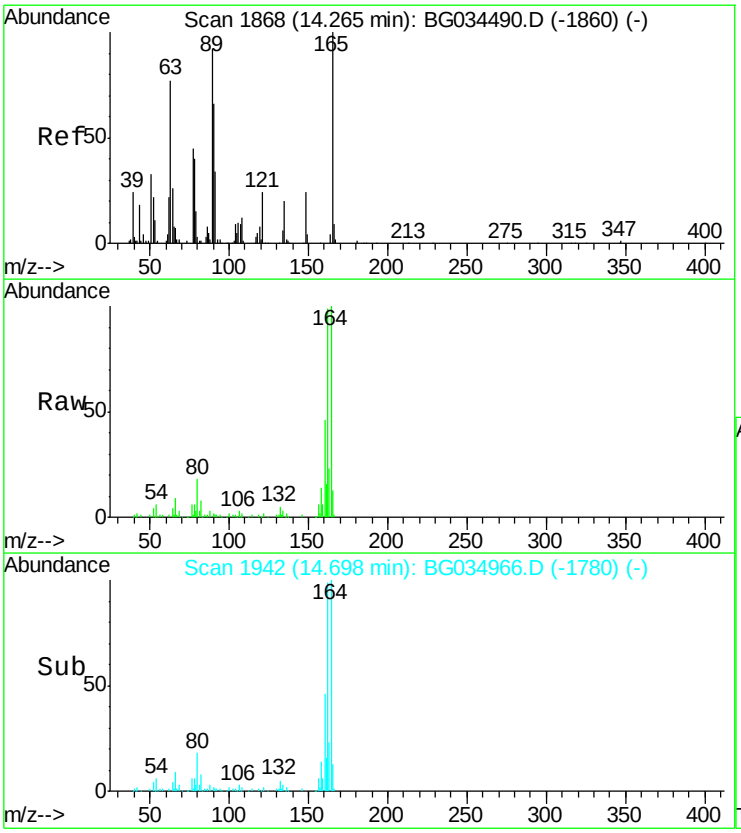
#44
2-Fluorobiphenyl
Concen: 86.15 ng
RT: 13.33 min Scan# 1709
Delta R.T. -0.01 min
Lab File: BG034966.D
Acq: 7 Jun 2018 23:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 693348

Ion	Ratio	Lower	Upper
172	100		
171	35.3	30.0	45.0
170	23.5	19.5	29.3

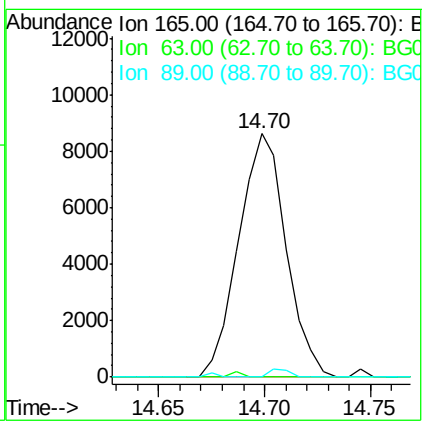


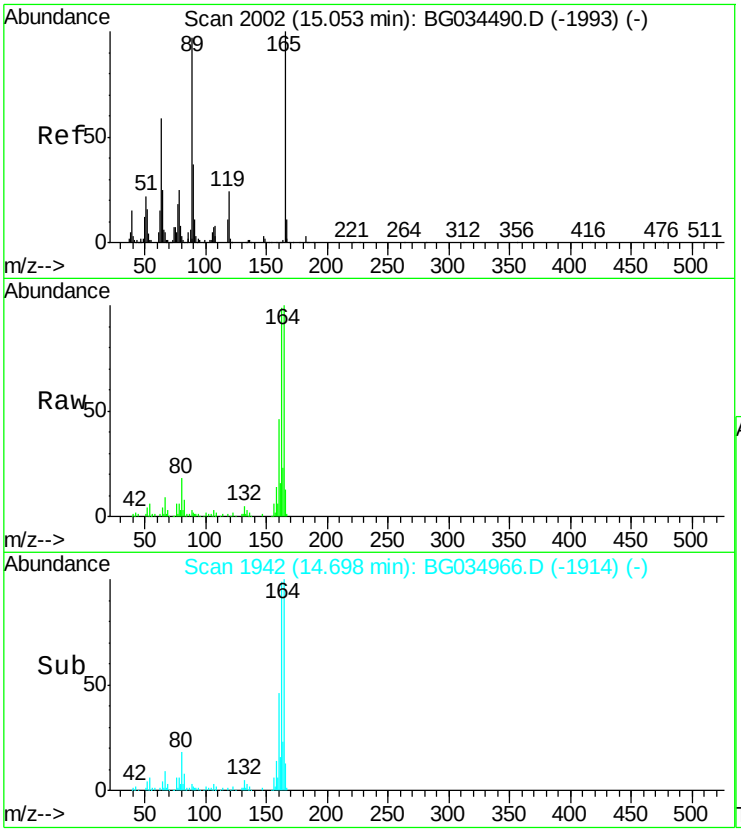


#50
2,6-Dinitrotoluene
Concen: 8.05 ng
RT: 14.70 min Scan# 1942
Delta R.T. 0.42 min
Lab File: BG034966.D
Acq: 7 Jun 2018 23:55

Tgt Ion:165 Resp: 13394

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



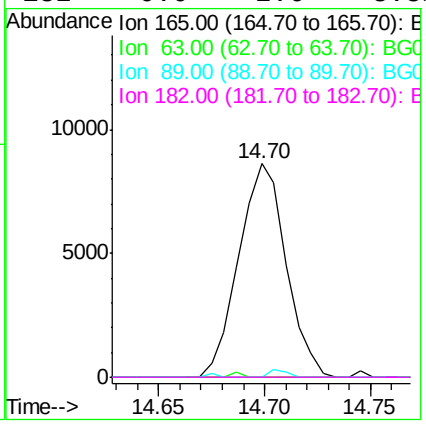


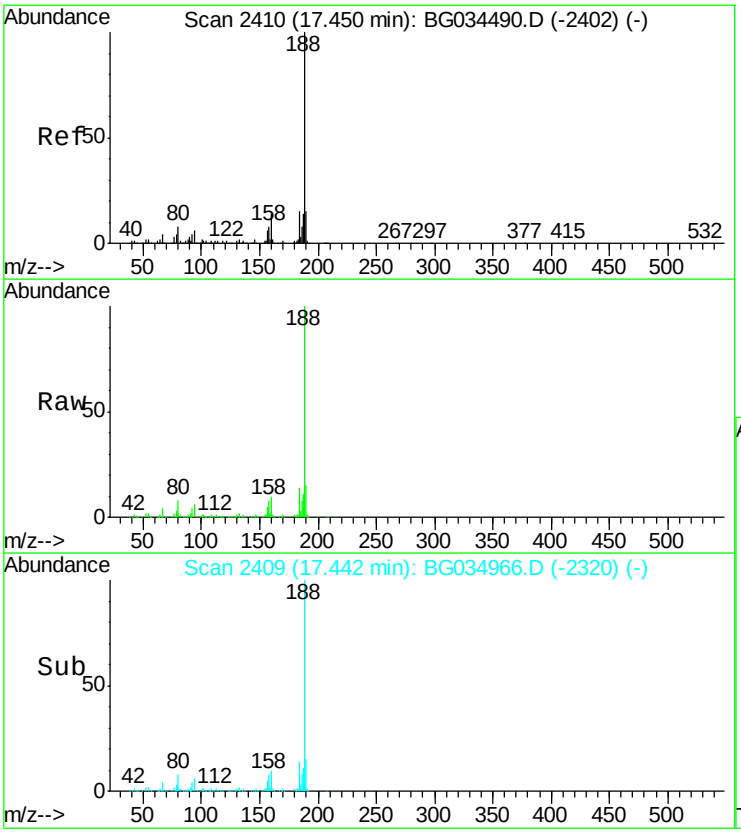
#56
2,4-Dinitrotoluene
Concen: 6.06 ng
RT: 14.70 min Scan# 1942
Delta R.T. -0.37 min
Lab File: BG034966.D
Acq: 7 Jun 2018 23:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 13394

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#

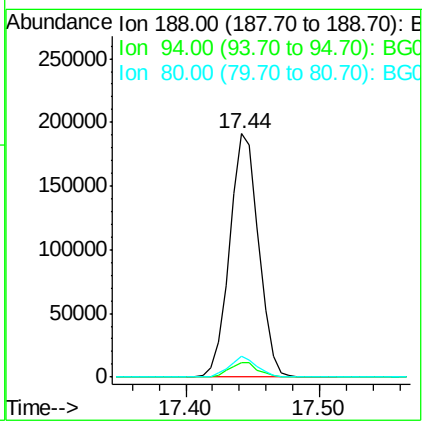


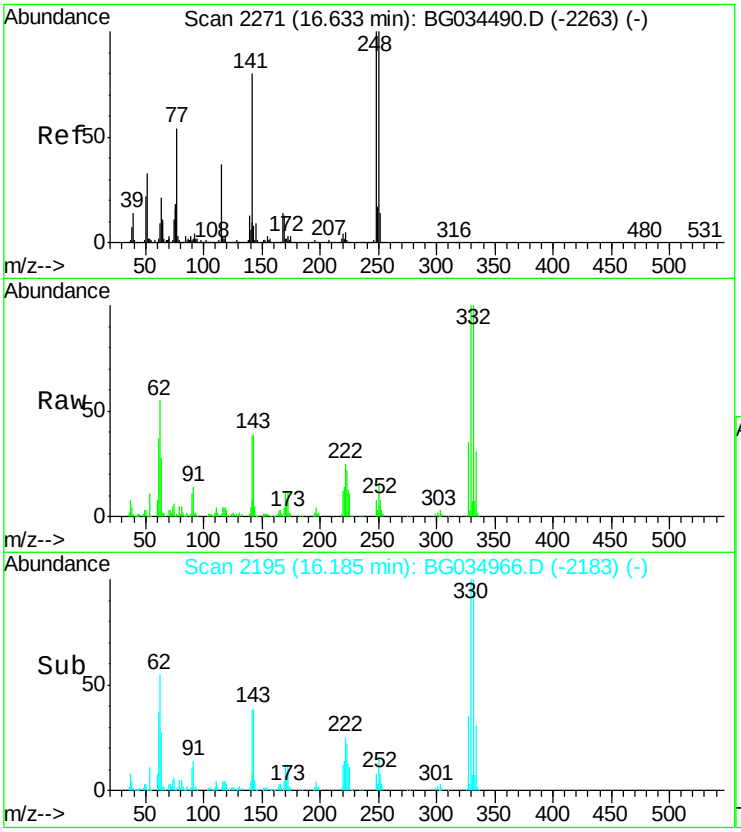


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.44 min Scan# 2409
Delta R.T. -0.01 min
Lab File: BG034966.D
Acq: 7 Jun 2018 23:55

Tgt Ion:188 Resp: 288847

Ion	Ratio	Lower	Upper
188	100		
94	5.9	6.9	10.3#
80	8.4	7.7	11.5



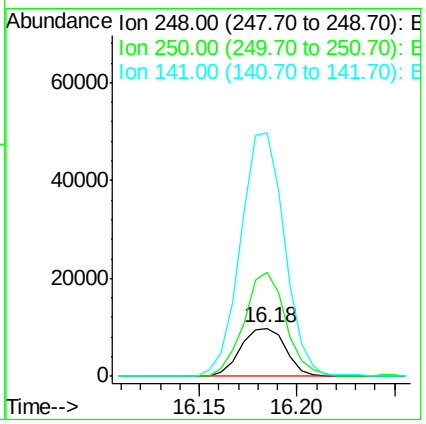


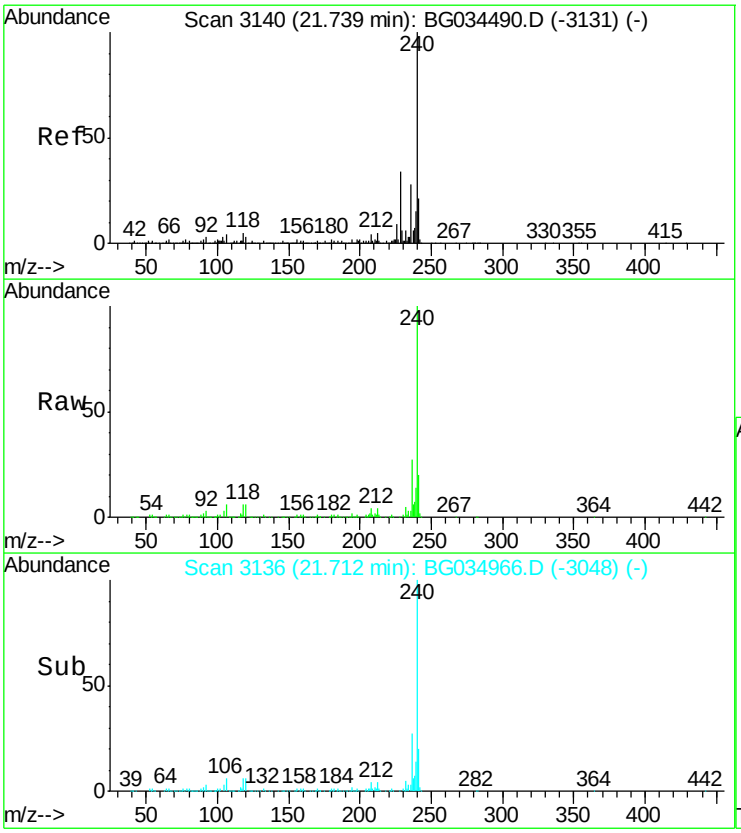
#66
4-Bromophenyl-phenylether
Concen: 4.54 ng
RT: 16.18 min Scan# 2195
Delta R.T. -0.46 min
Lab File: BG034966.D
Acq: 7 Jun 2018 23:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 15779

Ion	Ratio	Lower	Upper
248	100		
250	214.9	77.1	115.7#
141	505.4	50.8	76.2#

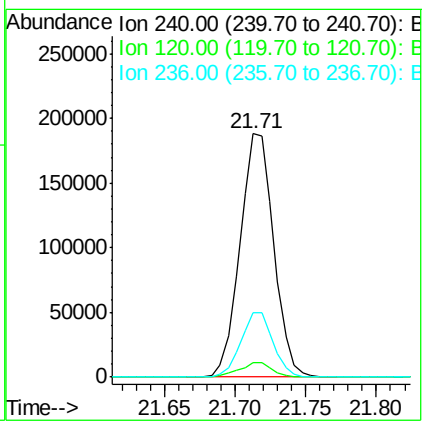


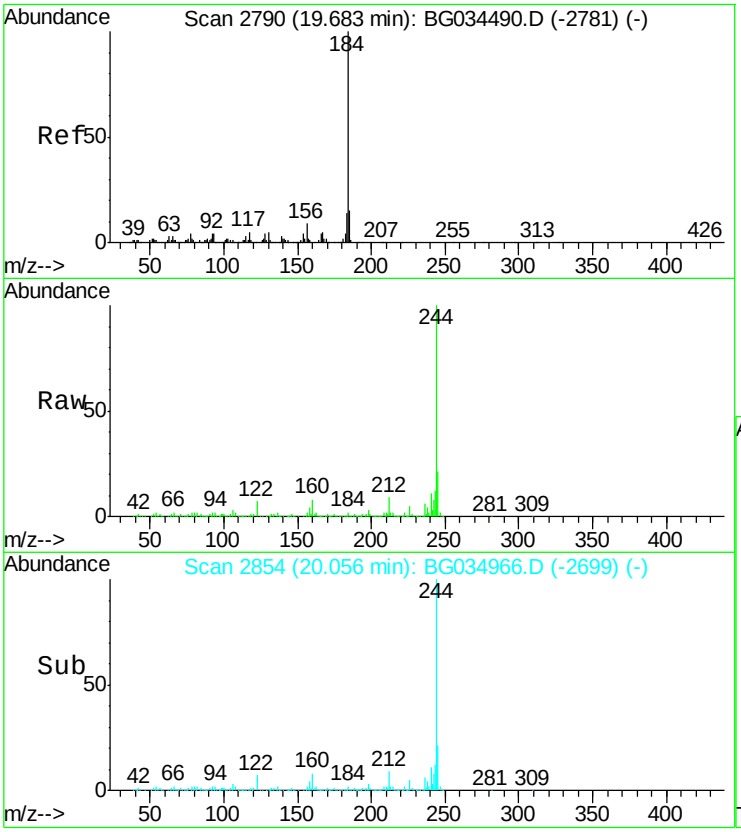


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.71 min Scan# 3136
Delta R.T. -0.01 min
Lab File: BG034966.D
Acq: 7 Jun 2018 23:55

Tgt Ion:240 Resp: 314205

Ion	Ratio	Lower	Upper
240	100		
120	5.9	6.8	10.2#
236	26.5	20.9	31.3



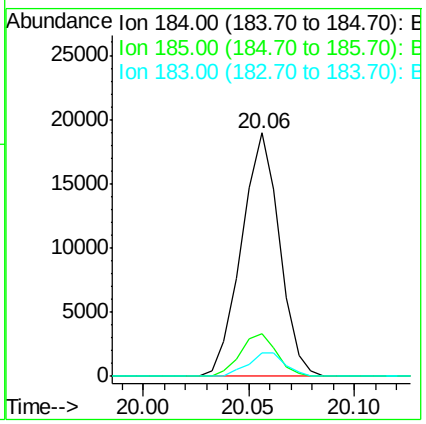


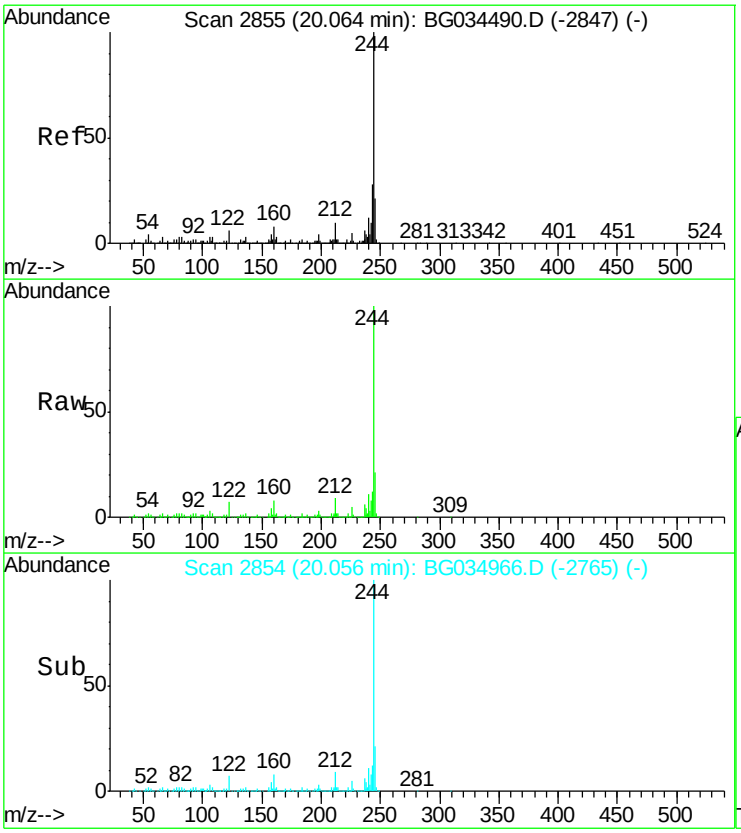
#76
Benzidine
Concen: 2.03 ng
RT: 20.06 min Scan# 2854
Delta R.T. 0.38 min
Lab File: BG034966.D
Acq: 7 Jun 2018 23:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 23676

Ion	Ratio	Lower	Upper
184	100		
185	17.5	11.1	16.7#
183	9.9	10.6	16.0#

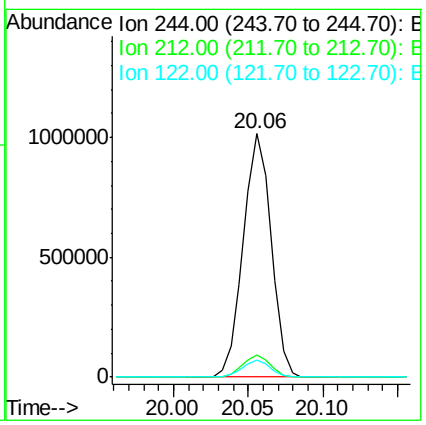


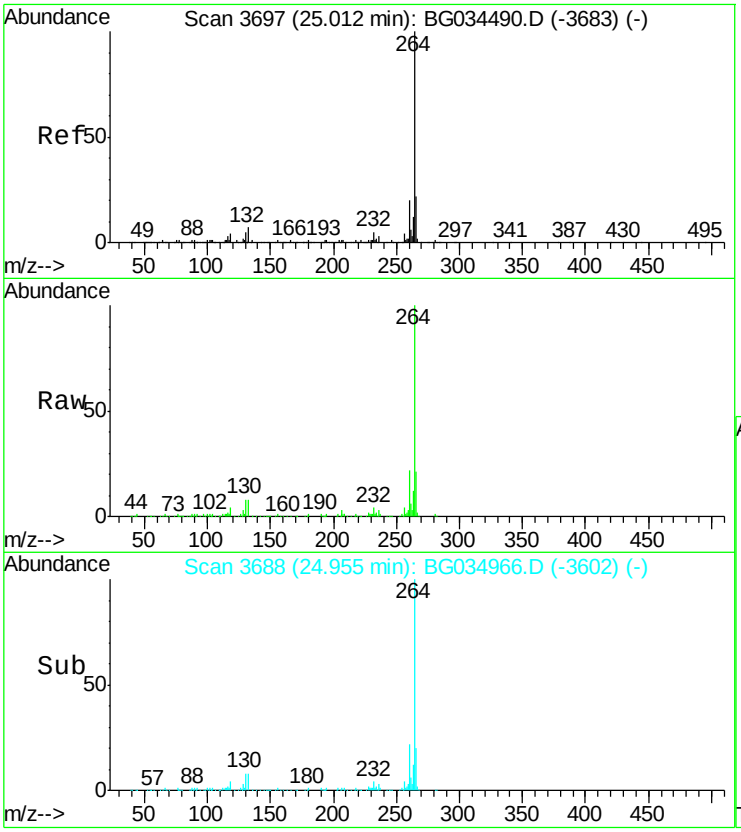


#78
Terphenyl-d14
Concen: 87.24 ng
RT: 20.06 min Scan# 2854
Delta R.T. -0.01 min
Lab File: BG034966.D
Acq: 7 Jun 2018 23:55

Tgt Ion:244 Resp: 1308591

Ion	Ratio	Lower	Upper
244	100		
212	9.2	5.8	8.8#
122	6.9	7.0	10.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 24.96 min Scan# 3688
Delta R.T. -0.03 min
Lab File: BG034966.D
Acq: 7 Jun 2018 23:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 302776

Ion	Ratio	Lower	Upper
264	100		
260	22.5	17.4	26.0
265	20.5	17.7	26.5