Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060718\
Data File : BG034978.D
Acq On : 8 Jun 2018 8:27
Operator : SJ/JU
Sample : J3344-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jun 08 12:26:57 2018
Quant Method : Z:\SVOASRV\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	38192	20.00	ng	-0.01
21) Naphthalene-d8	10.88	136	138606	20.00	ng	-0.01
38) Acenaphthene-d10	14.70	164	96854	20.00	ng	-0.01
63) Phenanthrene-d10	17.44	188	274840	20.00	ng	-0.01
75) Chrysene-d12	21.71	240	306229	20.00	ng	-0.02
86) Perylene-d12	24.95	264	296522	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	316206	139.72	ng	0.00
7) Phenol-d6	7.23	99	414812	124.19	ng	0.00
23) Nitrobenzene-d5	9.23	82	337563	115.77	ng	-0.02
41) 2,4,6-Tribromophenol	16.18	330	225811	182.13	ng	-0.01
44) 2-Fluorobiphenyl	13.33	172	760017	102.01	ng	-0.01
78) Terphenyl-d14	20.05	244	1486837	101.70	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.24	70	47299	16.668	ng	# 69
50) 2,6-Dinitrotoluene	14.70	165	14398	9.344	ng	# 22
56) 2,4-Dinitrotoluene	14.70	165	14398	7.034	ng	# 20
66) 4-Bromophenyl-phenylether	16.18	248	17917	5.413	ng	# 1
76) Benzidine	20.05	184	28254	2.480	ng	# 91

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

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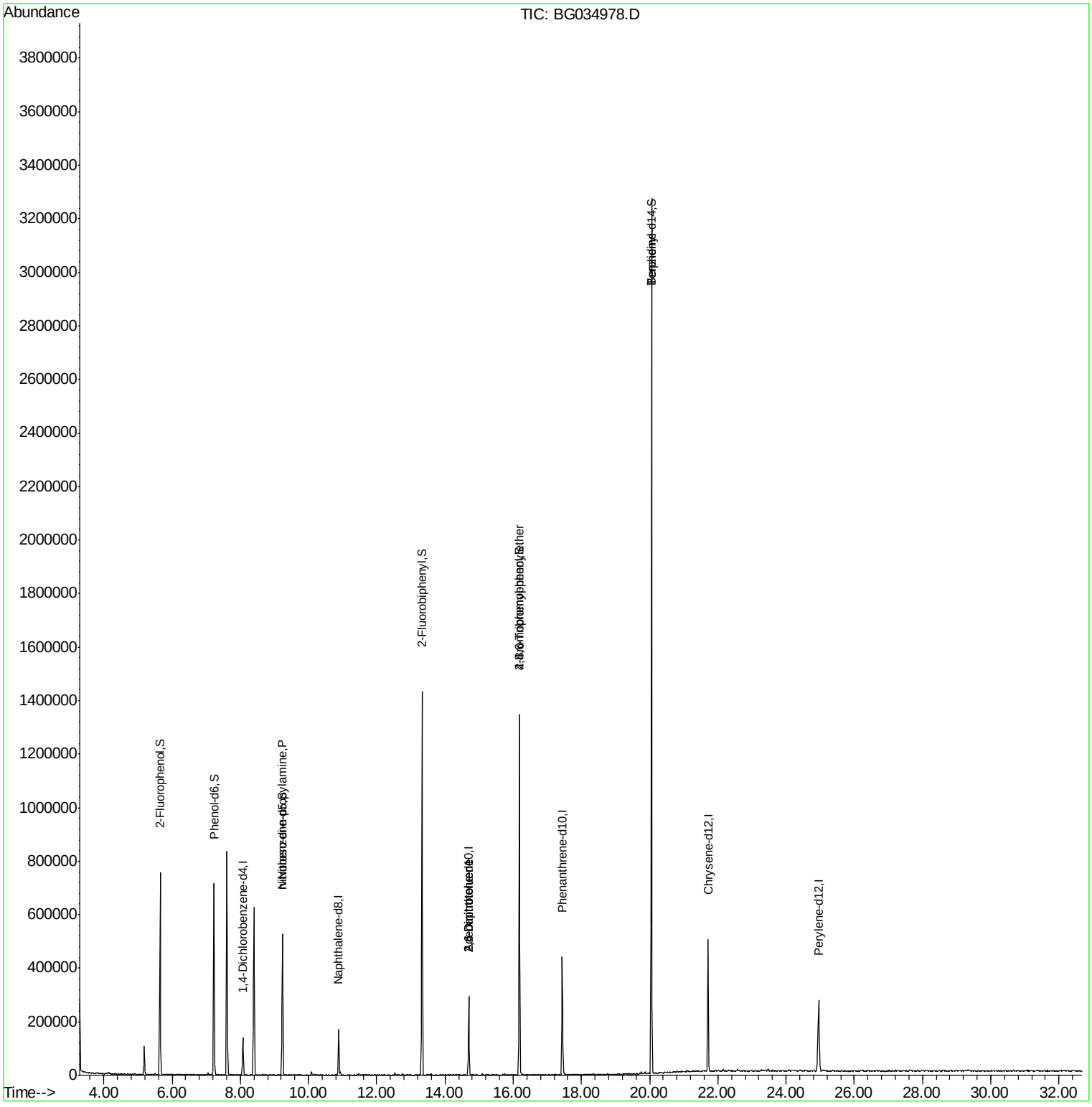
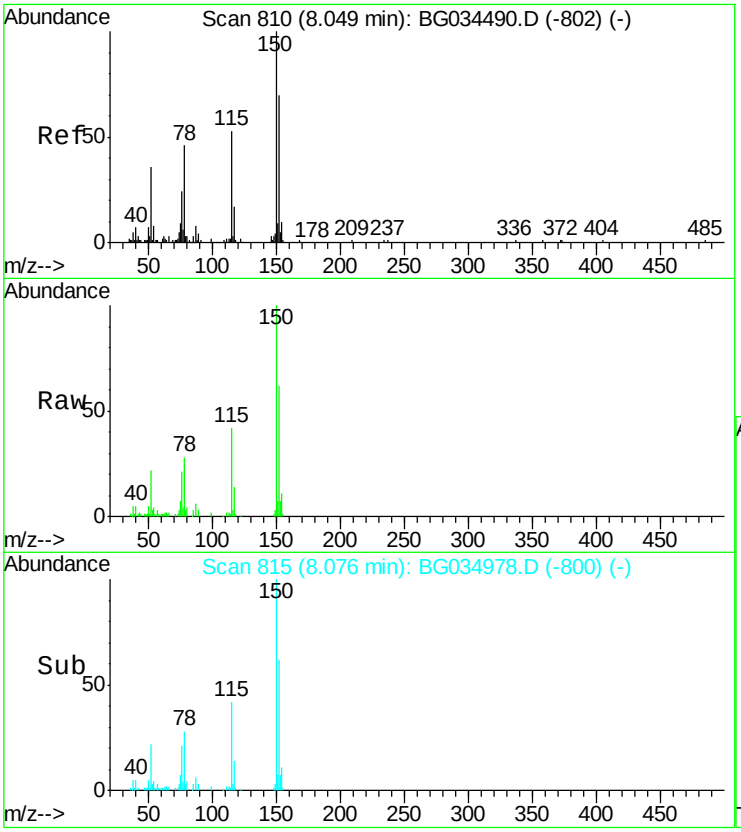


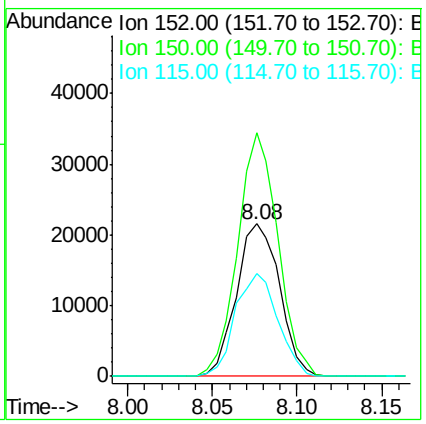


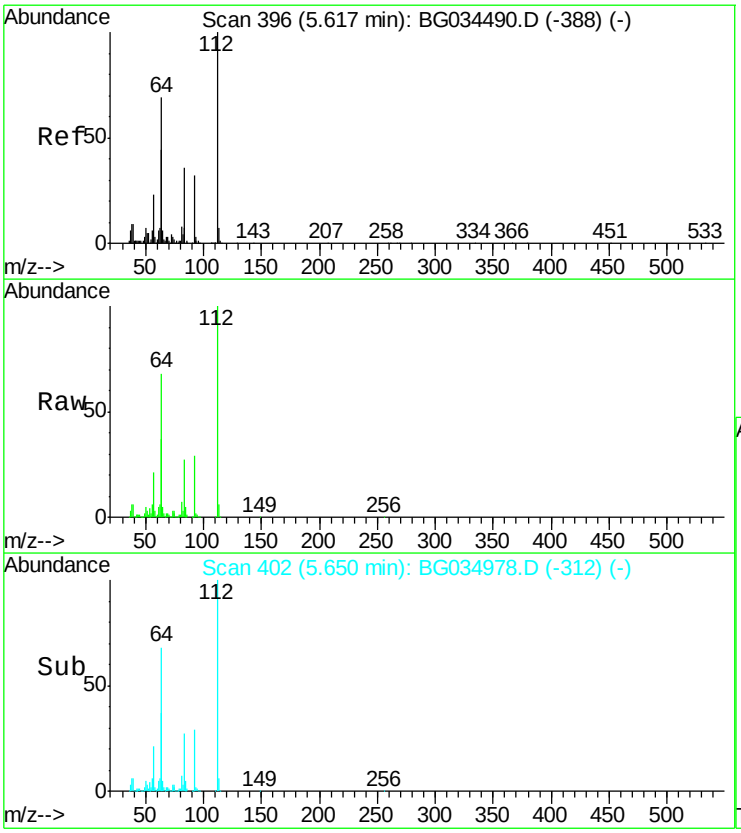
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 815
Delta R.T. -0.01 min
Lab File: BG034978.D
Acq: 8 Jun 2018 8:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 38192

Ion	Ratio	Lower	Upper
152	100		
150	160.1	126.6	189.8
115	67.8	53.0	79.4

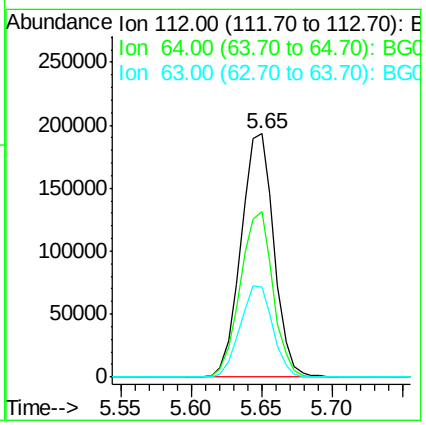


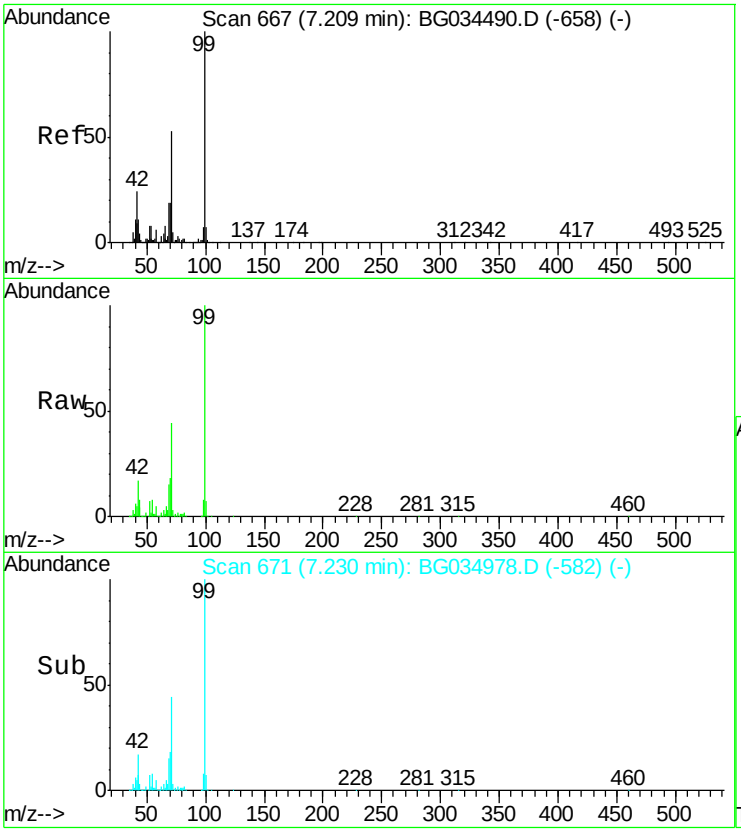


#5
2-Fluorophenol
Concen: 139.723 ng
RT: 5.65 min Scan# 402
Delta R.T. 0.00 min
Lab File: BG034978.D
Acq: 8 Jun 2018 8:27

Tgt Ion:112 Resp: 316206

Ion	Ratio	Lower	Upper
112	100		
64	67.8	56.3	84.5
63	37.2	30.1	45.1



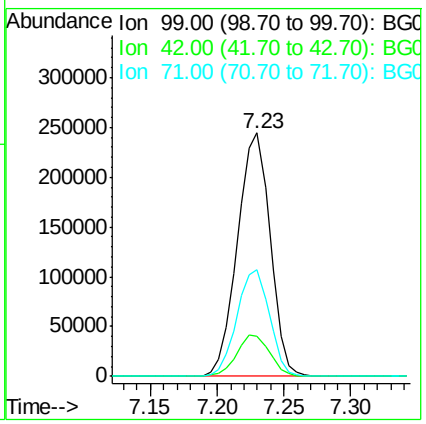


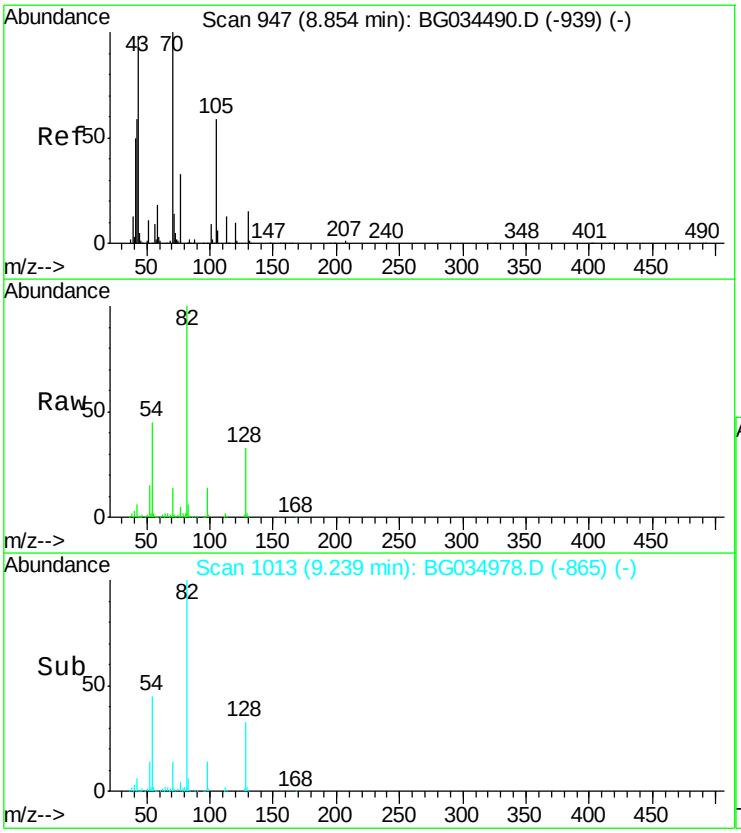
#7
Phenol-d6
Concen: 124.189 ng
RT: 7.23 min Scan# 671
Delta R.T. -0.01 min
Lab File: BG034978.D
Acq: 8 Jun 2018 8:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 414812

Ion	Ratio	Lower	Upper
99	100		
42	16.6	14.1	21.1
71	43.8	26.1	39.1#

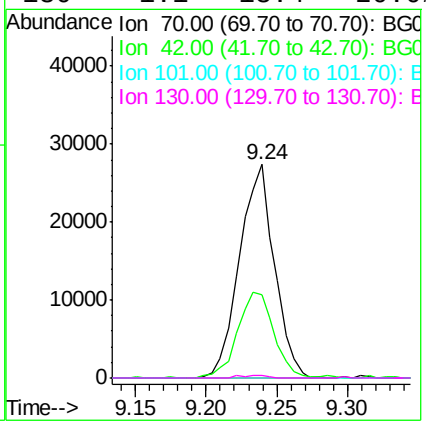


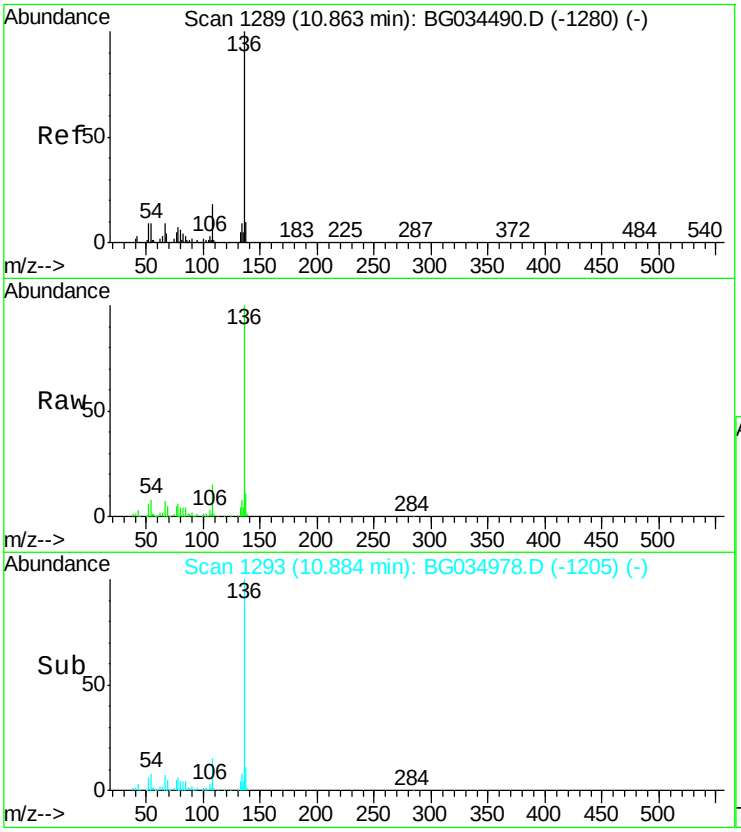


#19
n-Nitroso-di-n-propylamine
Concen: 16.668 ng
RT: 9.24 min Scan# 1013
Delta R.T. 0.34 min
Lab File: BG034978.D
Acq: 8 Jun 2018 8:27

Tgt Ion: 70 Resp: 47299

Ion	Ratio	Lower	Upper
70	100		
42	38.8	49.1	73.7#
101	0.0	8.5	12.7#
130	1.1	13.4	20.0#



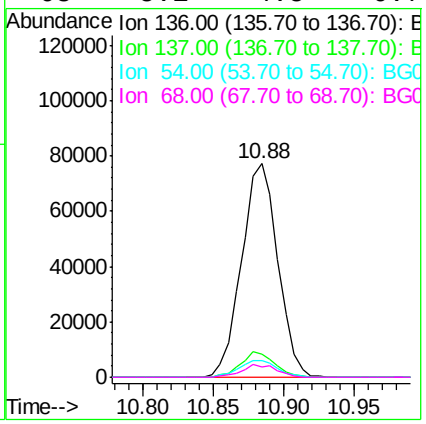


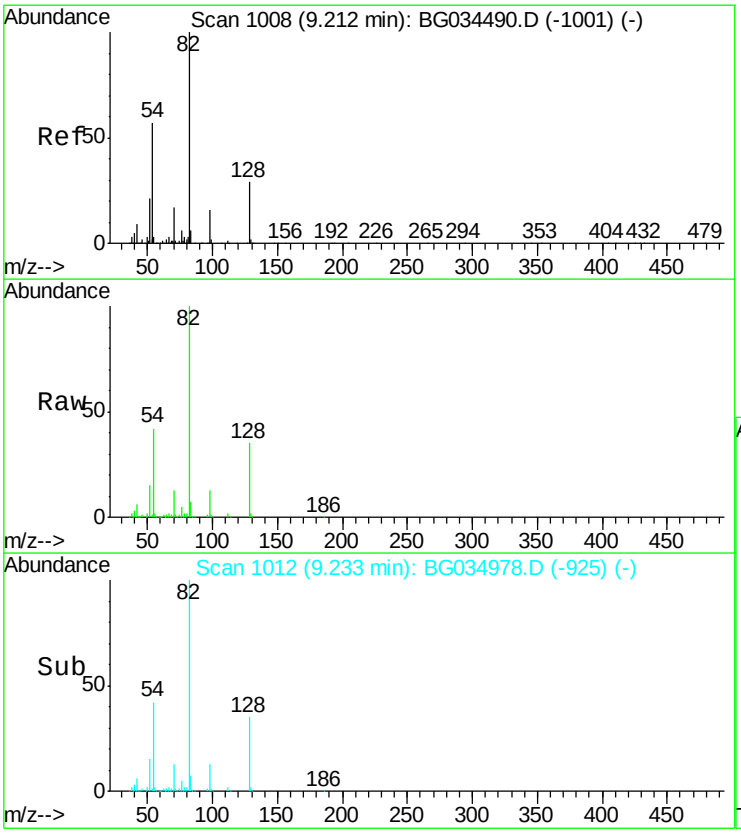
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BG034978.D
Acq: 8 Jun 2018 8:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 138606

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	8.0	10.3	15.5#
68	5.1	4.5	6.7

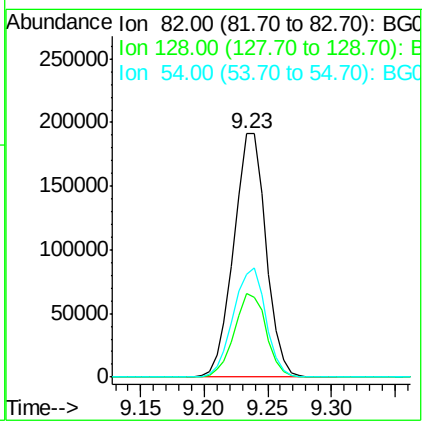


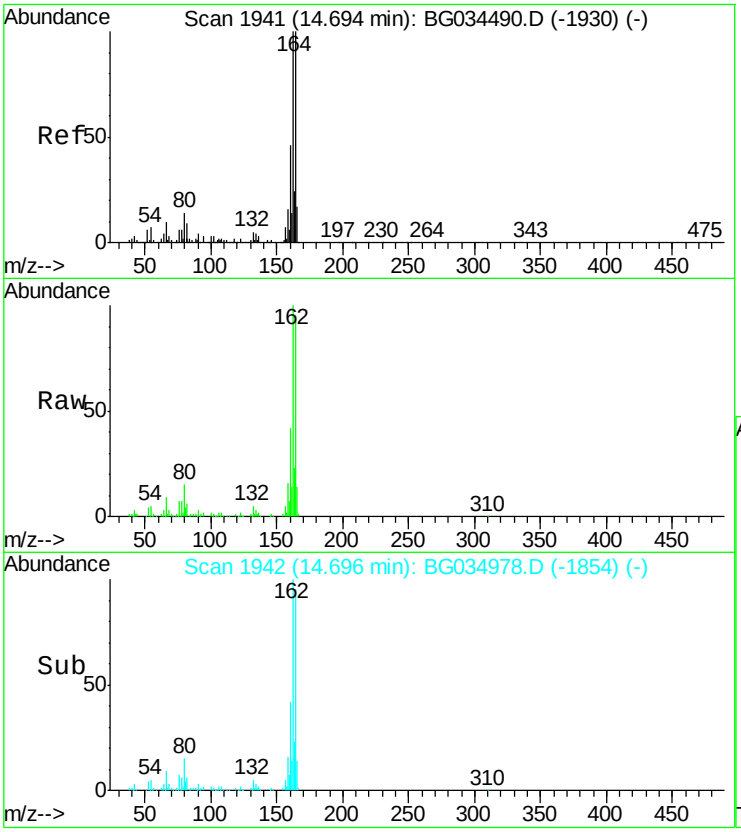


#23
Nitrobenzene-d5
Concen: 115.766 ng
RT: 9.23 min Scan# 1012
Delta R.T. -0.02 min
Lab File: BG034978.D
Acq: 8 Jun 2018 8:27

Tgt Ion: 82 Resp: 337563

Ion	Ratio	Lower	Upper
82	100		
128	34.6	29.7	44.5
54	42.4	43.1	64.7#



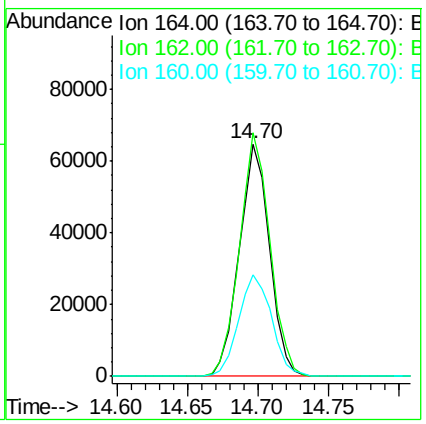


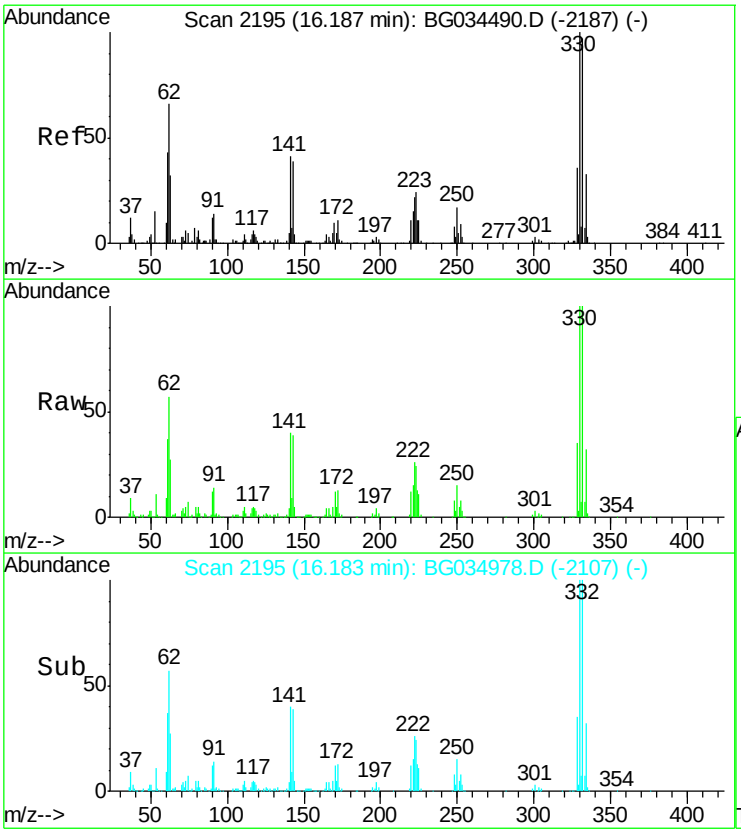
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1942
Delta R.T. -0.01 min
Lab File: BG034978.D
Acq: 8 Jun 2018 8:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 96854

Ion	Ratio	Lower	Upper
164	100		
162	104.8	78.8	118.2
160	43.7	35.4	53.0

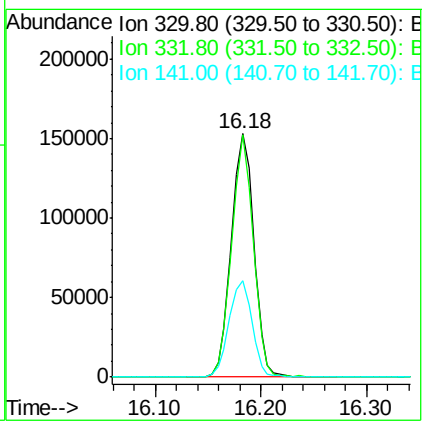


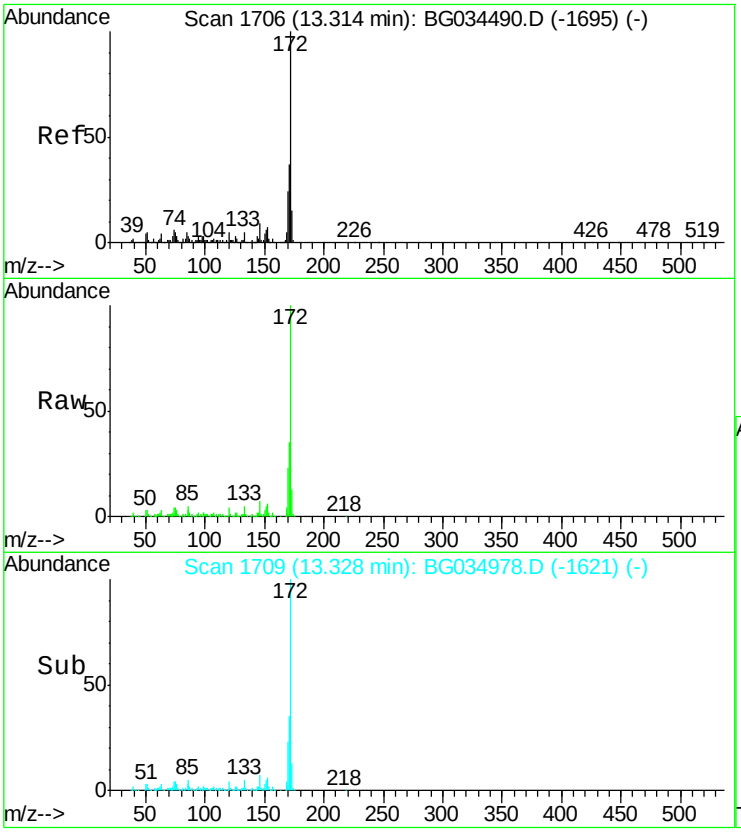


#41
2,4,6-Tribromophenol
Concen: 182.127 ng
RT: 16.18 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BG034978.D
Acq: 8 Jun 2018 8:27

Tgt Ion:330 Resp: 225811

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	40.6	25.2	37.8#



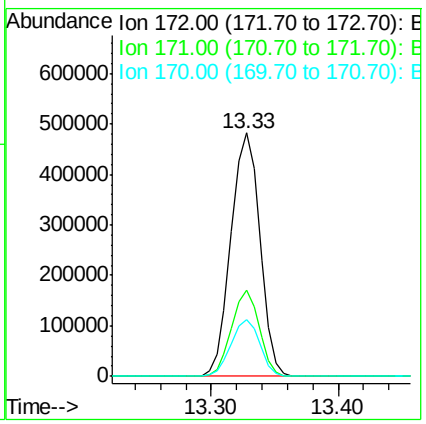


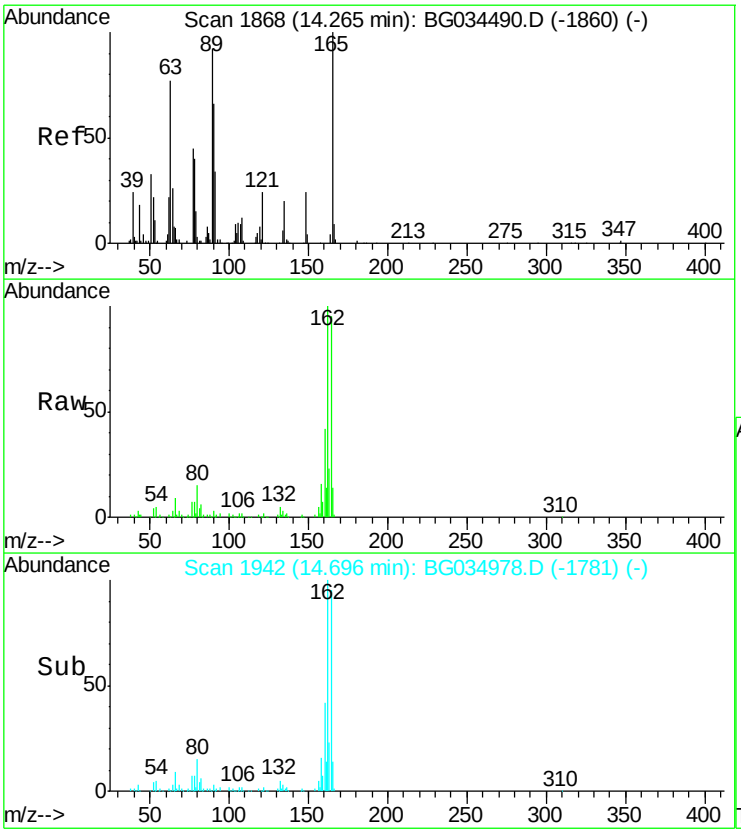
#44
2-Fluorobiphenyl
Concen: 102.011 ng
RT: 13.33 min Scan# 1709
Delta R.T. -0.01 min
Lab File: BG034978.D
Acq: 8 Jun 2018 8:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 760017

Ion	Ratio	Lower	Upper
172	100		
171	35.4	30.0	45.0
170	23.3	19.5	29.3

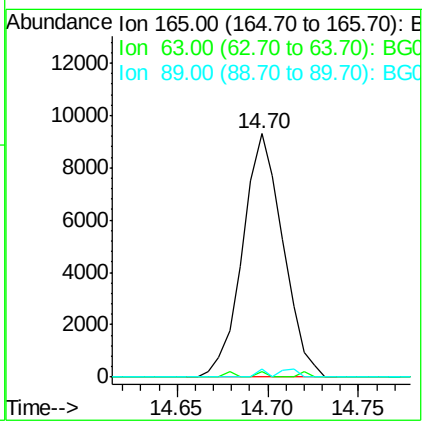


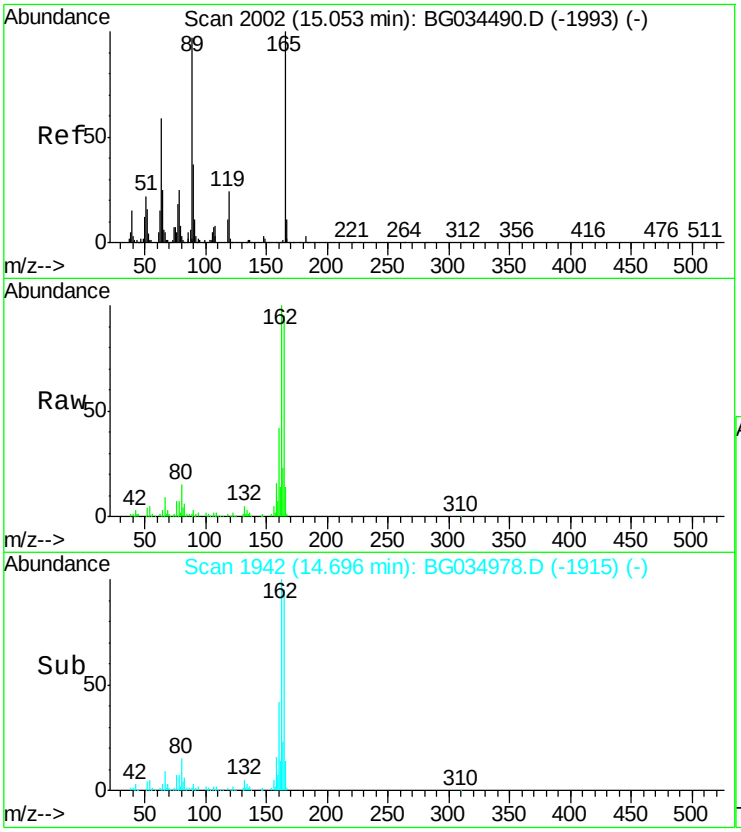


#50
2,6-Dinitrotoluene
Concen: 9.344 ng
RT: 14.70 min Scan# 1942
Delta R.T. 0.42 min
Lab File: BG034978.D
Acq: 8 Jun 2018 8:27

Tgt Ion:165 Resp: 14398

Ion	Ratio	Lower	Upper
165	100		
63	2.5	52.7	79.1#
89	3.6	49.2	73.8#



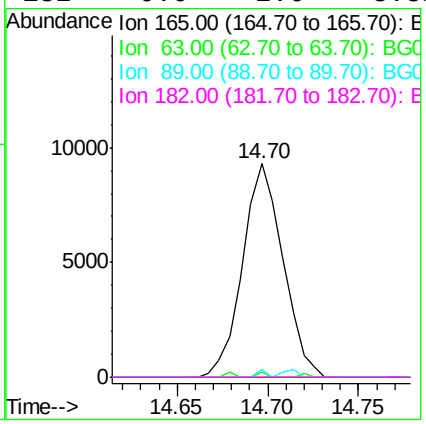


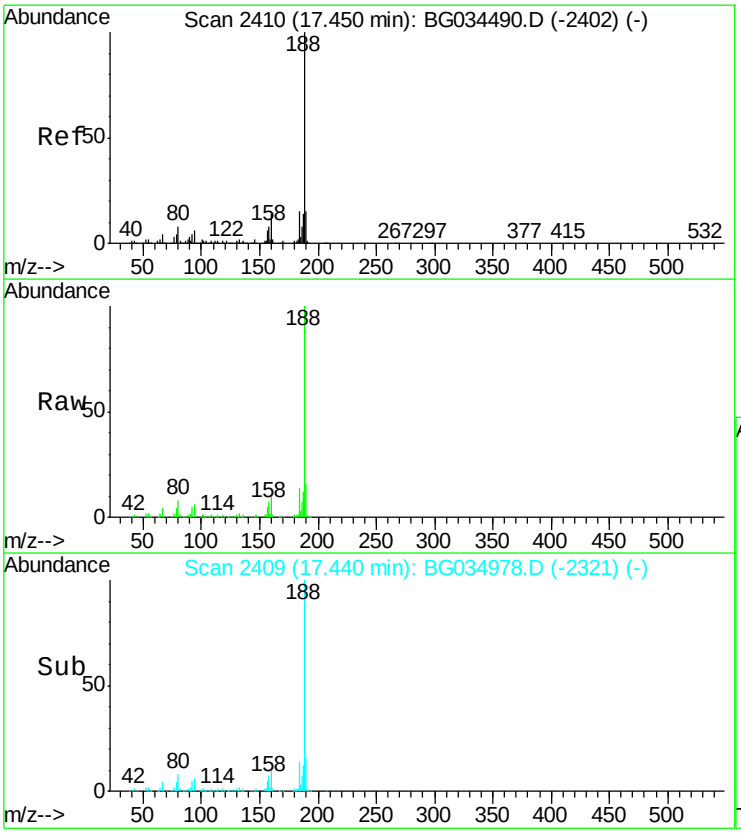
#56
2,4-Dinitrotoluene
Concen: 7.034 ng
RT: 14.70 min Scan# 1942
Delta R.T. -0.37 min
Lab File: BG034978.D
Acq: 8 Jun 2018 8:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 14398

Ion	Ratio	Lower	Upper
165	100		
63	2.5	42.0	63.0#
89	3.6	66.9	100.3#
182	0.0	2.6	3.8#

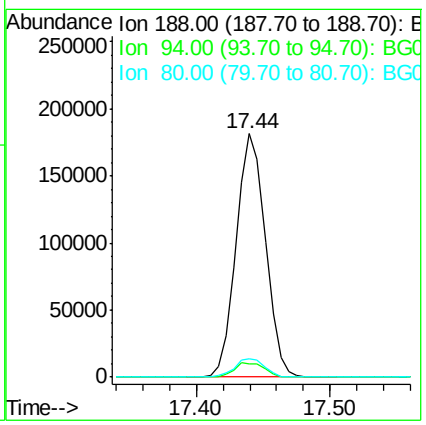


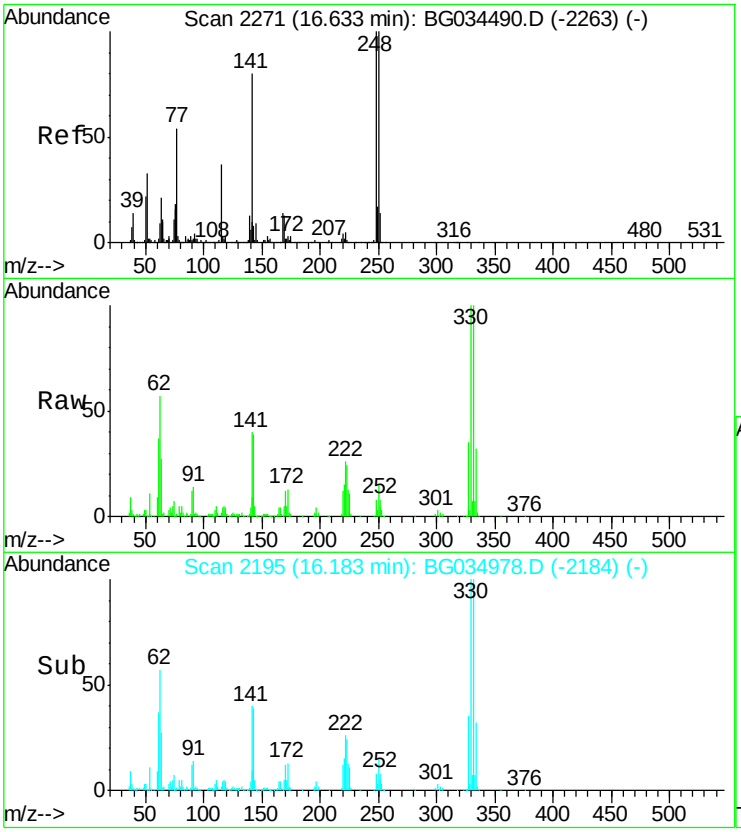


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2409
Delta R.T. -0.01 min
Lab File: BG034978.D
Acq: 8 Jun 2018 8:27

Tgt Ion:188 Resp: 274840

Ion	Ratio	Lower	Upper
188	100		
94	5.7	6.9	10.3#
80	7.7	7.7	11.5#



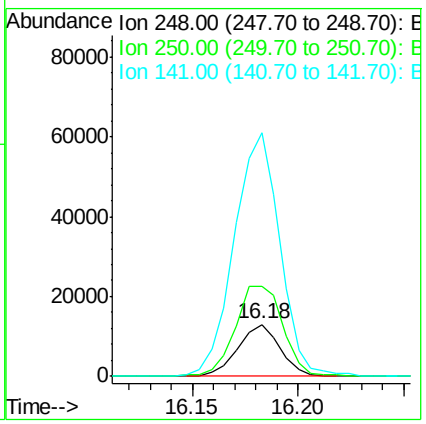


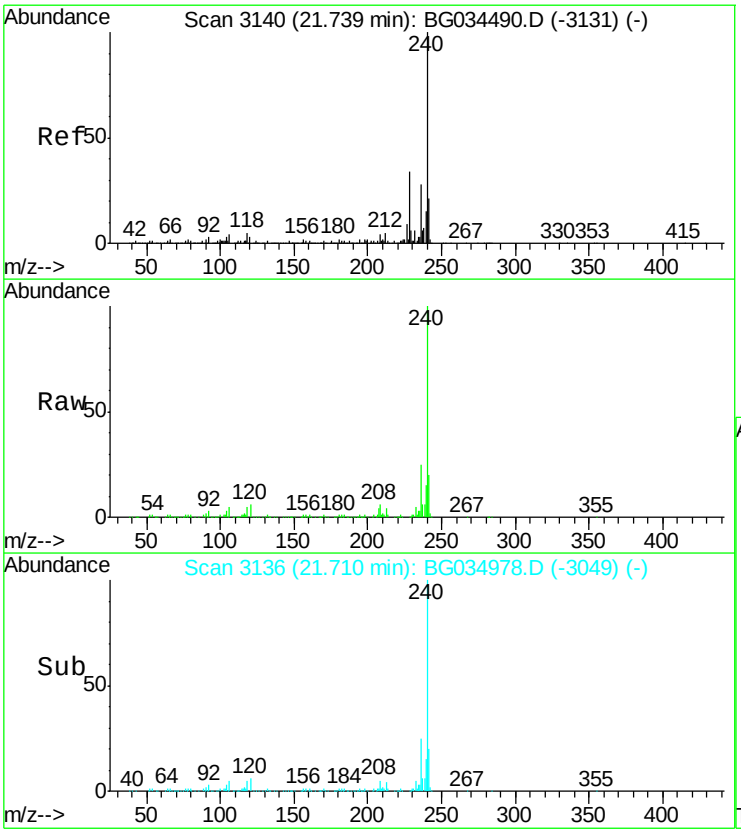
#66
4-Bromophenyl-phenylether
Concen: 5.413 ng
RT: 16.18 min Scan# 2195
Delta R.T. -0.46 min
Lab File: BG034978.D
Acq: 8 Jun 2018 8:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 17917

Ion	Ratio	Lower	Upper
248	100		
250	174.6	77.1	115.7#
141	470.9	50.8	76.2#

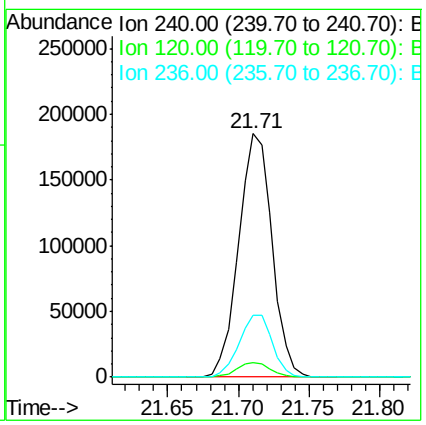


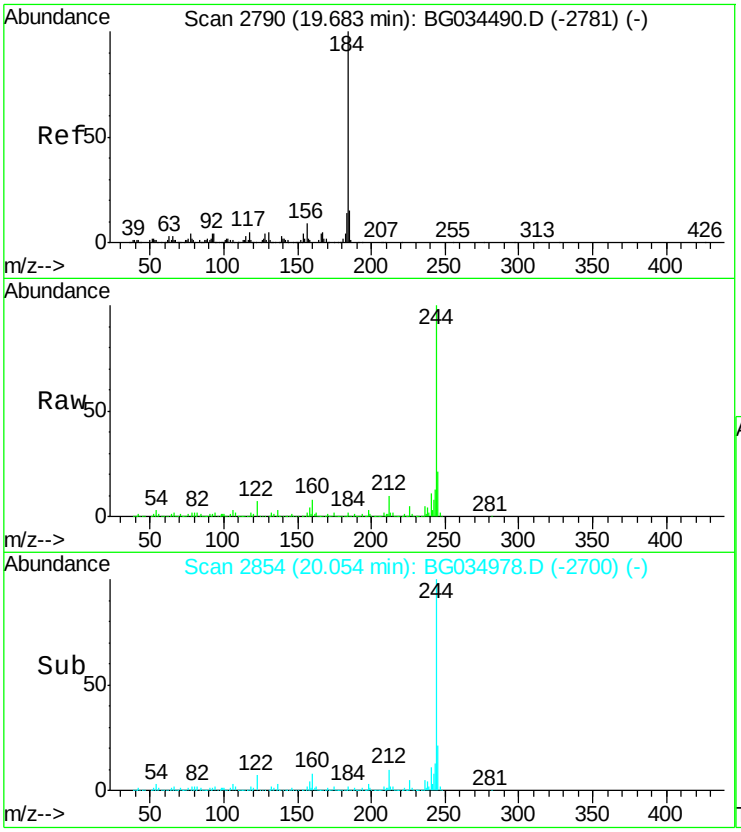


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3136
Delta R.T. -0.02 min
Lab File: BG034978.D
Acq: 8 Jun 2018 8:27

Tgt Ion:240 Resp: 306229

Ion	Ratio	Lower	Upper
240	100		
120	5.7	6.8	10.2#
236	25.4	20.9	31.3



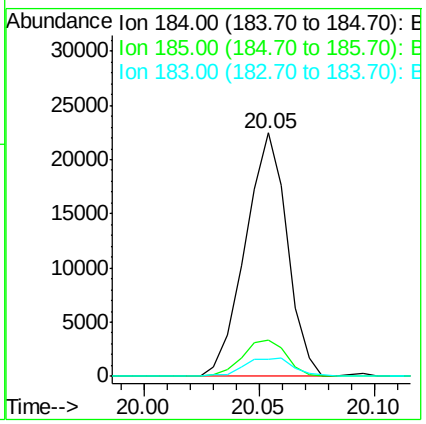


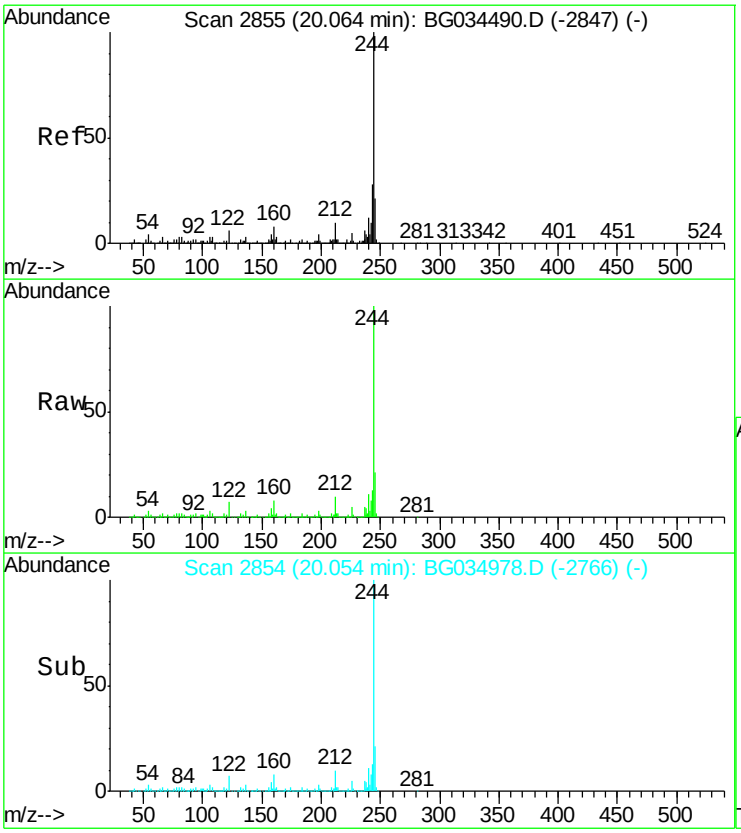
#76
Benzidine
Concen: 2.480 ng
RT: 20.05 min Scan# 2854
Delta R.T. 0.38 min
Lab File: BG034978.D
Acq: 8 Jun 2018 8:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 28254

Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.1	16.7
183	6.9	10.6	16.0#

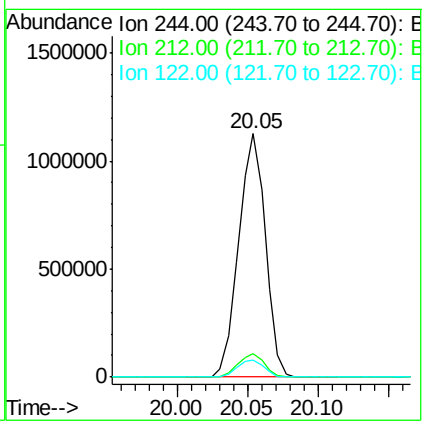


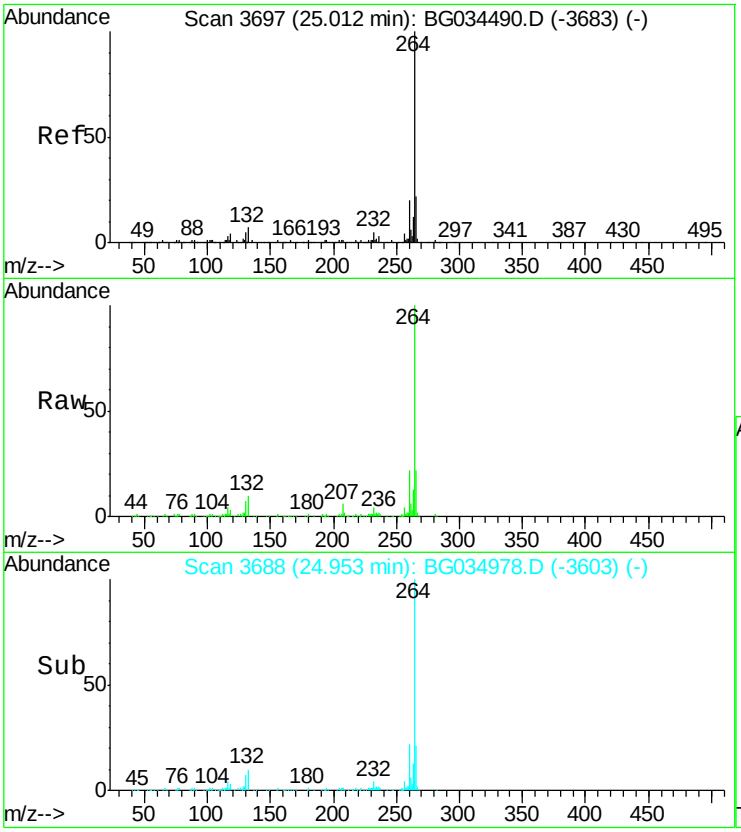


#78
Terphenyl-d14
Concen: 101.703 ng
RT: 20.05 min Scan# 2854
Delta R.T. -0.01 min
Lab File: BG034978.D
Acq: 8 Jun 2018 8:27

Tgt Ion:244 Resp: 1486837

Ion	Ratio	Lower	Upper
244	100		
212	9.6	5.8	8.8#
122	7.1	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.95 min Scan# 3688
Delta R.T. -0.03 min
Lab File: BG034978.D
Acq: 8 Jun 2018 8:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 296522

Ion	Ratio	Lower	Upper
264	100		
260	22.4	17.4	26.0
265	21.5	17.7	26.5