Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091118\
Data File : BG036661.D
Acq On : 11 Sep 2018 18:11
Operator : JU/SJ
Sample : J4841-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Sep 11 18:46:29 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 31 13:03:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	56166	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	231004	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	151310	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	387227	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	394218	20.00	ng	-0.01
86) Perylene-d12	24.89	264	348388	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	177076	50.01	ng	0.00
7) Phenol-d6	7.21	99	175378	34.60	ng	-0.01
23) Nitrobenzene-d5	9.22	82	476409	111.90	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	206737	114.51	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	1122155	105.89	ng	-0.01
78) Terphenyl-d14	20.03	244	1740847	103.22	ng	0.00

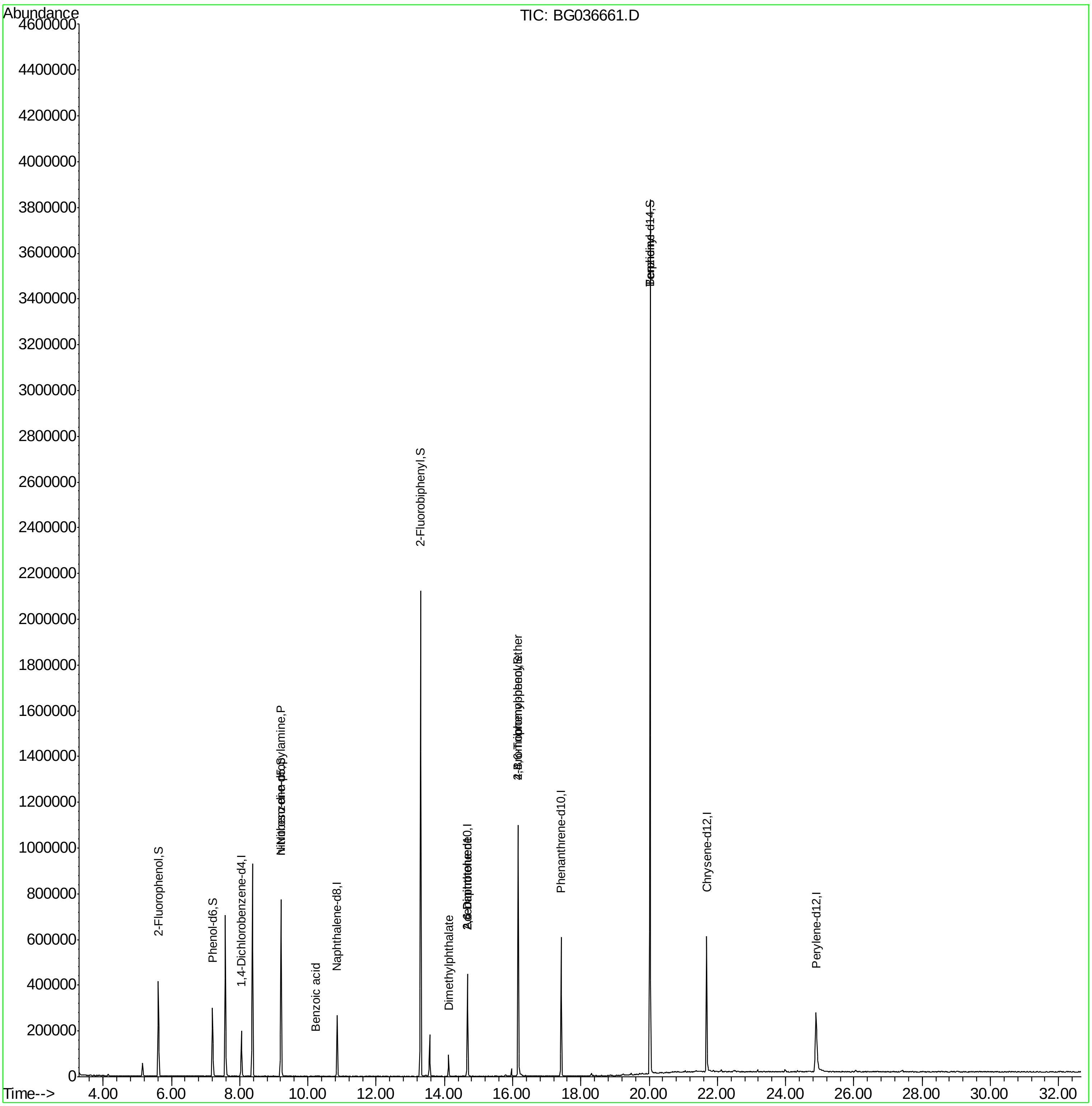
Target Compounds	R.T.	QIon	Response	Conc	Units		Qvalue
19) n-Nitroso-di-n-propylamine	9.22	70	64826	17.110	ng	#	69
32) Benzoic acid	10.22	122	60	4.501	ng	#	1
49) Dimethylphthalate	14.12	163	61831	5.004	ng		98
50) 2,6-Dinitrotoluene	14.67	165	20017	7.873	ng	#	23
56) 2,4-Dinitrotoluene	14.67	165	20017	6.041	ng	#	21
66) 4-Bromophenyl-phenylether	16.16	248	14782	3.261	ng	#	1
76) Benzidine	20.03	184	31837	2.531	ng	#	92

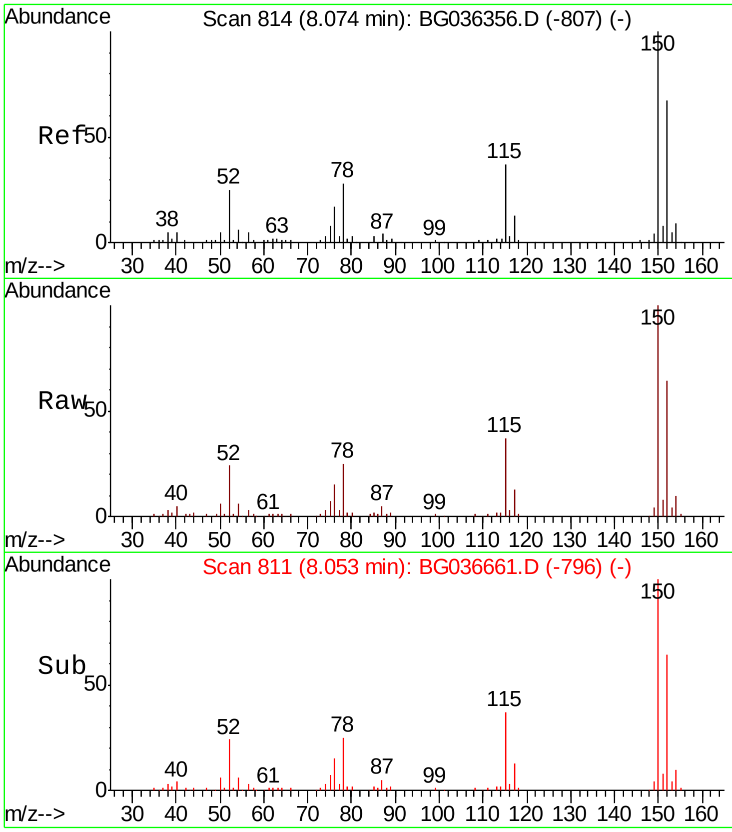
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091118\
Data File : BG036661.D
Acq On   : 11 Sep 2018 18:11
Operator : JU/SJ
Sample   : J4841-04
Misc   :
ALS Vial : 6   Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Sep 11 18:46:29 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 31 13:03:20 2018
Response via : Initial Calibration



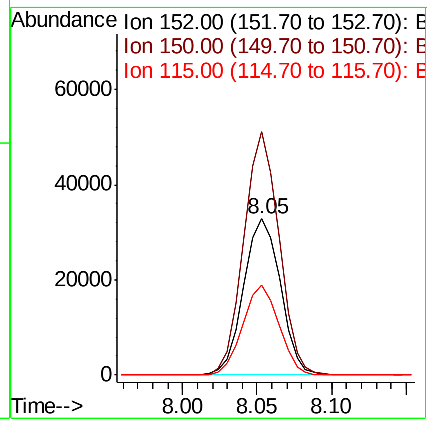


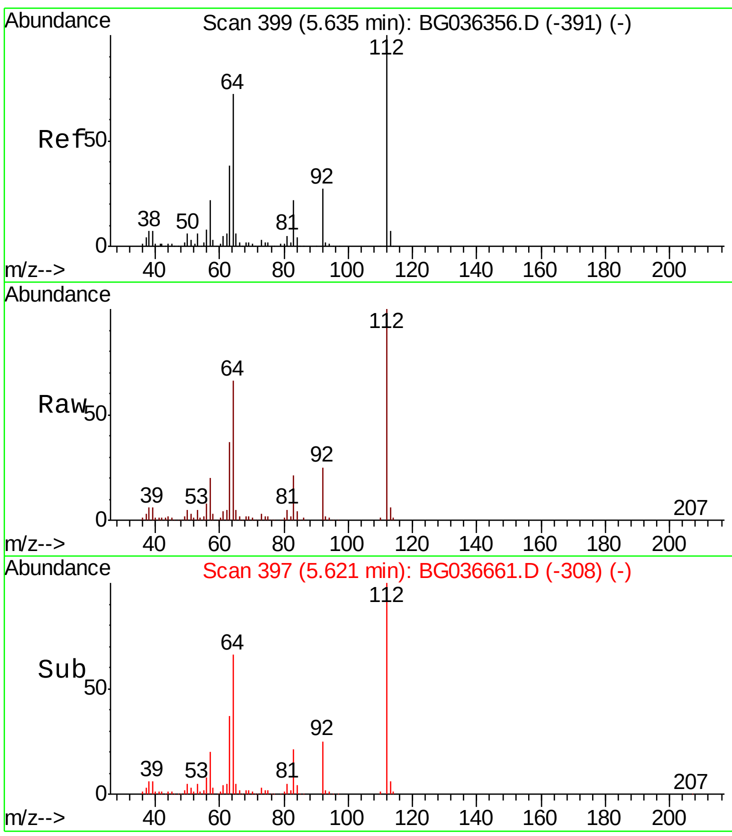
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036661.D
Acq: 11 Sep 2018 18:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 56166

Ion	Ratio	Lower	Upper
152	100		
150	155.8	119.5	179.3
115	57.6	44.5	66.7

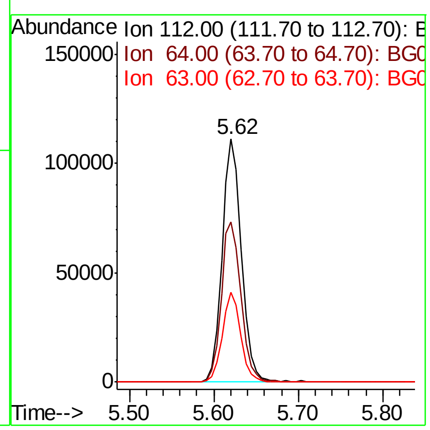


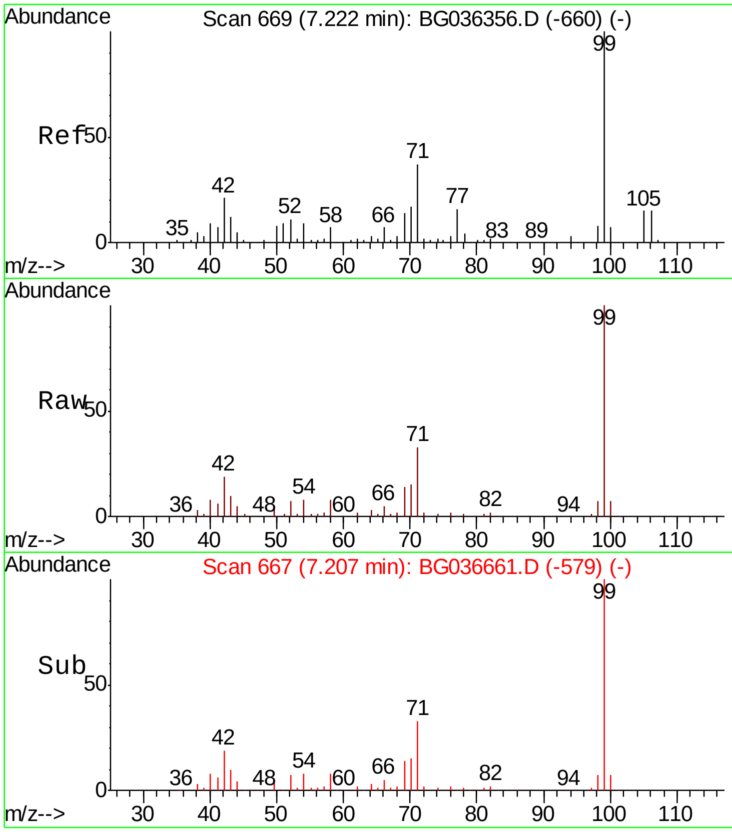


#5
2-Fluorophenol
Concen: 50.012 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BG036661.D
Acq: 11 Sep 2018 18:11

Tgt Ion:112 Resp: 177076

Ion	Ratio	Lower	Upper
112	100		
64	65.7	57.2	85.8
63	36.8	30.8	46.2



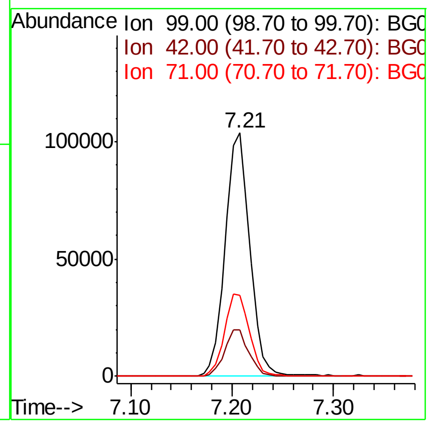


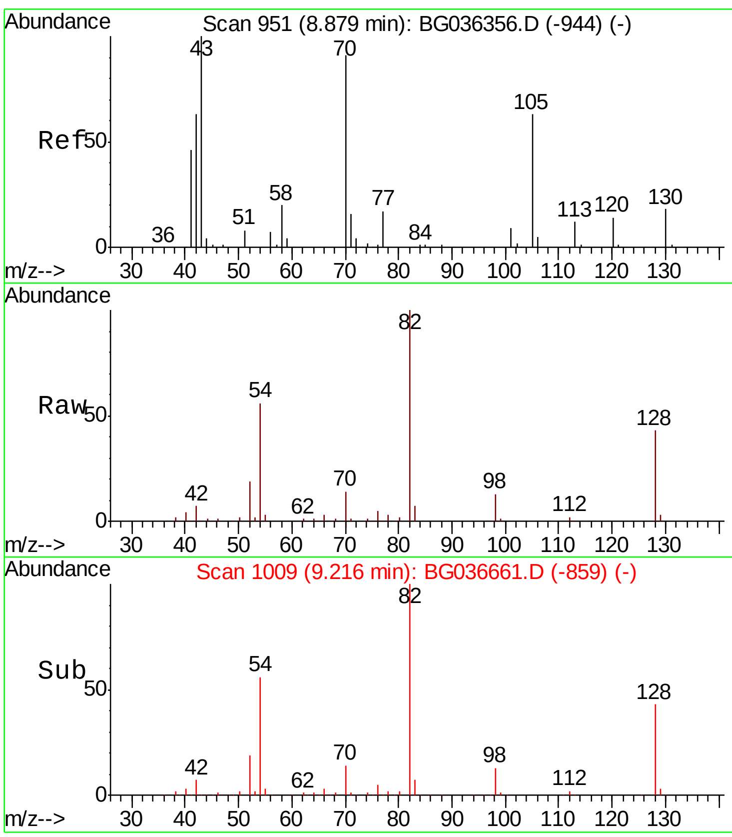
#7
Phenol-d6
Concen: 34.595 ng
RT: 7.21 min Scan# 667
Delta R.T. -0.01 min
Lab File: BG036661.D
Acq: 11 Sep 2018 18:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 175378

Ion	Ratio	Lower	Upper
99	100		
42	19.4	16.5	24.7
71	33.4	29.4	44.2

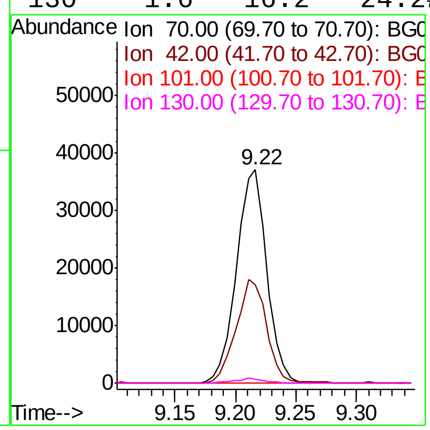


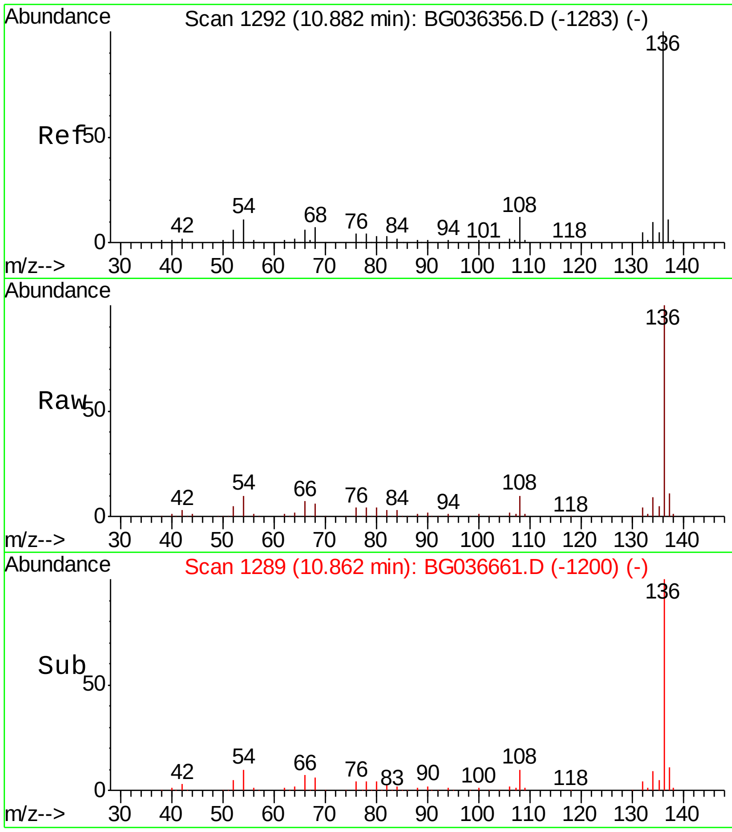


#19
n-Nitroso-di-n-propylamine
Concen: 17.110 ng
RT: 9.22 min Scan# 1009
Delta R.T. 0.35 min
Lab File: BG036661.D
Acq: 11 Sep 2018 18:11

Tgt Ion: 70 Resp: 64826

Ion	Ratio	Lower	Upper
70	100		
42	46.5	56.2	84.4#
101	0.0	7.8	11.6#
130	1.6	16.2	24.2#



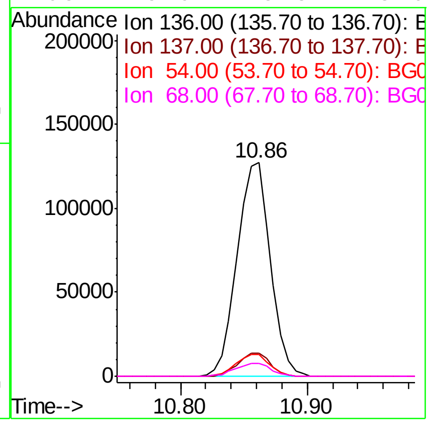


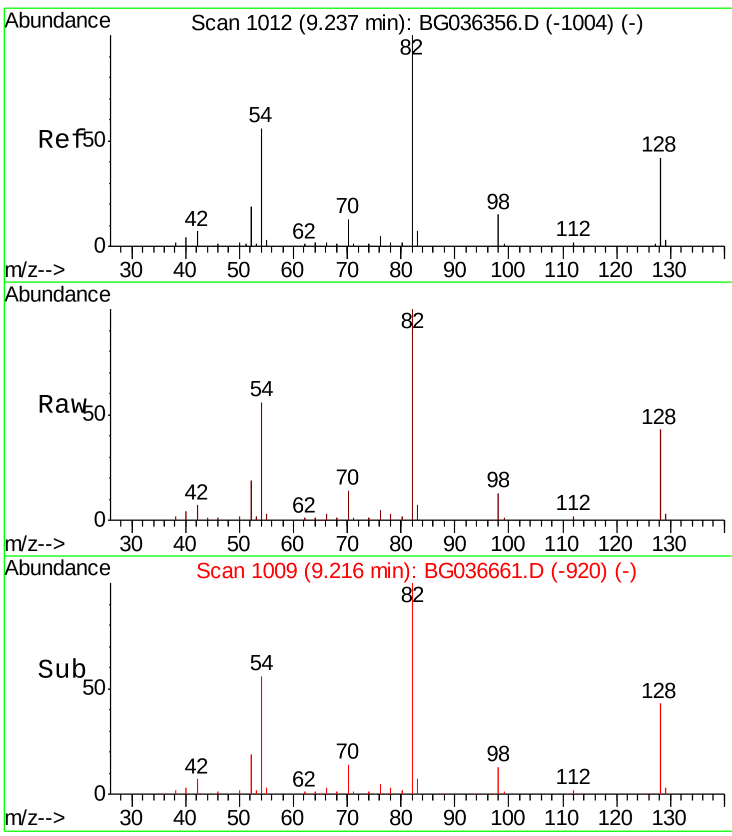
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min   Scan# 1289
Delta R.T.   -0.00 min
Lab File: BG036661.D
Acq: 11 Sep 2018   18:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 231004

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	10.3	9.2	13.8
68	5.9	5.8	8.6

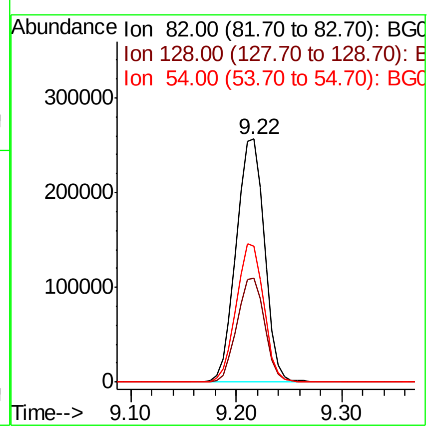


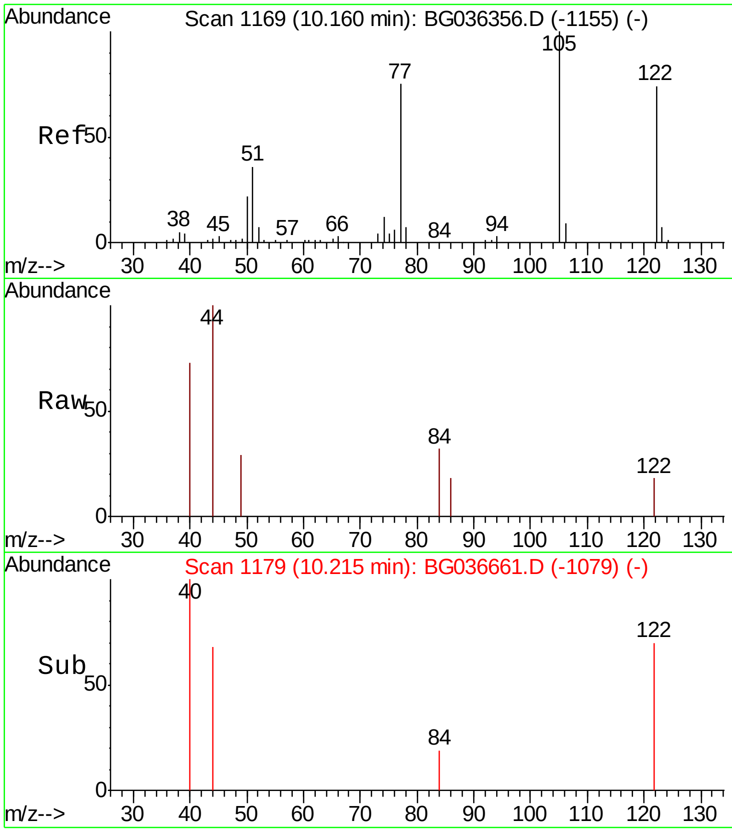


#23
Nitrobenzene-d5
Concen: 111.896 ng
RT: 9.22 min   Scan# 1009
Delta R.T.   -0.00 min
Lab File: BG036661.D
Acq: 11 Sep 2018   18:11

Tgt Ion: 82 Resp: 476409

Ion	Ratio	Lower	Upper
82	100		
128	42.8	33.3	49.9
54	56.1	45.1	67.7



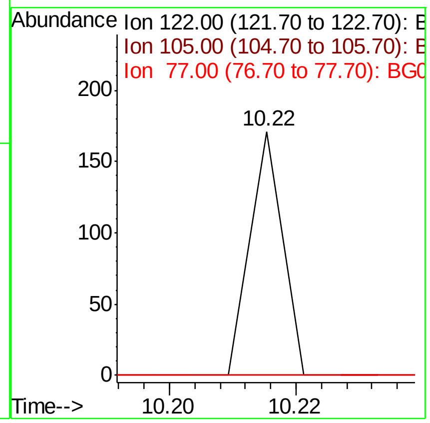


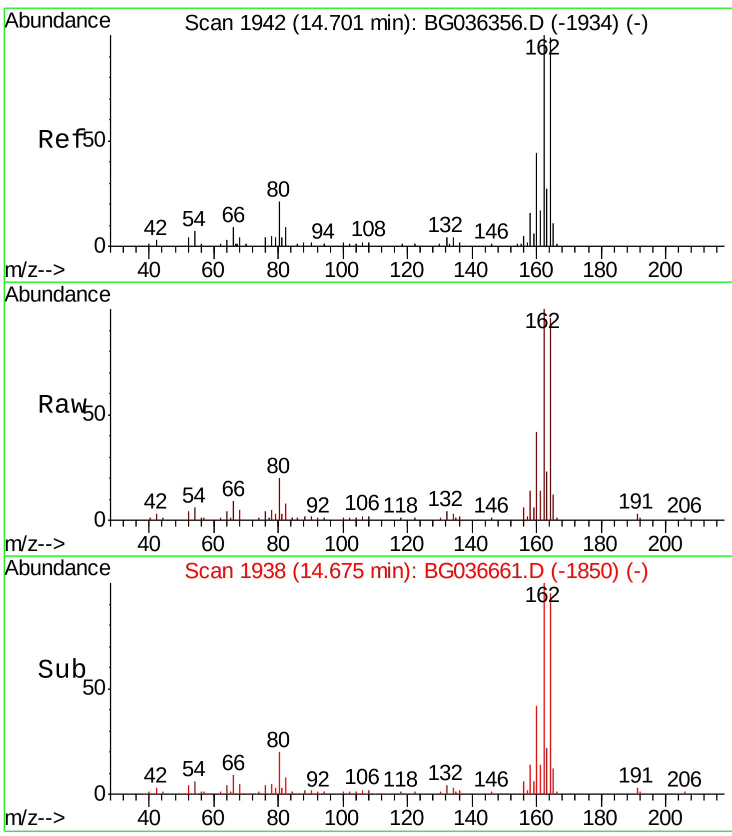
#32
Benzoic acid
Concen: 4.501 ng
RT: 10.22 min   Scan# 1179
Delta R.T.   0.06 min
Lab File: BG036661.D
Acq: 11 Sep 2018   18:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 60

Ion	Ratio	Lower	Upper
122	100		
105	0.0	108.1	148.1#
77	0.0	76.3	116.3#

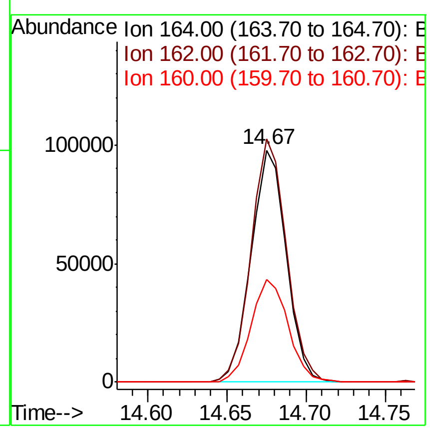


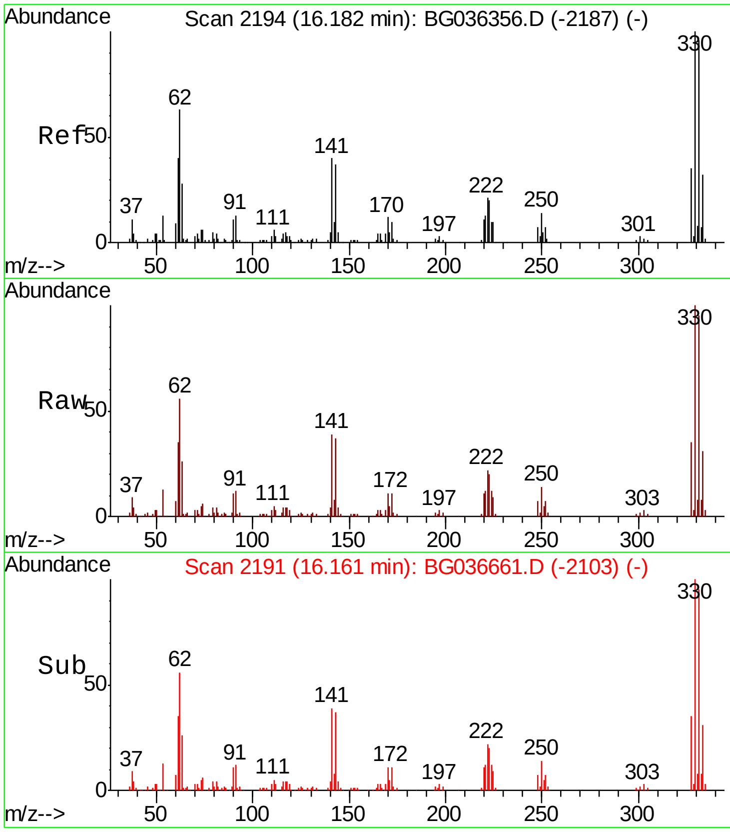


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min   Scan# 1938
Delta R.T.   -0.01 min
Lab File: BG036661.D
Acq: 11 Sep 2018   18:11

Tgt Ion:164 Resp: 151310

Ion	Ratio	Lower	Upper
164	100		
162	104.7	80.7	121.1
160	44.5	35.3	52.9



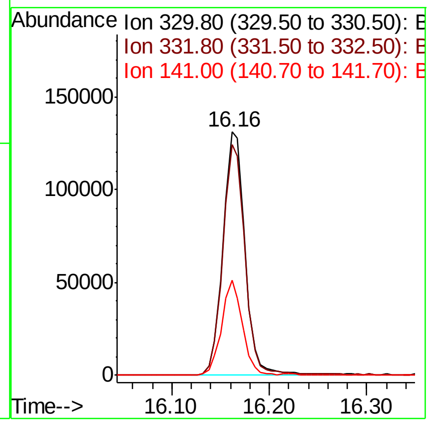


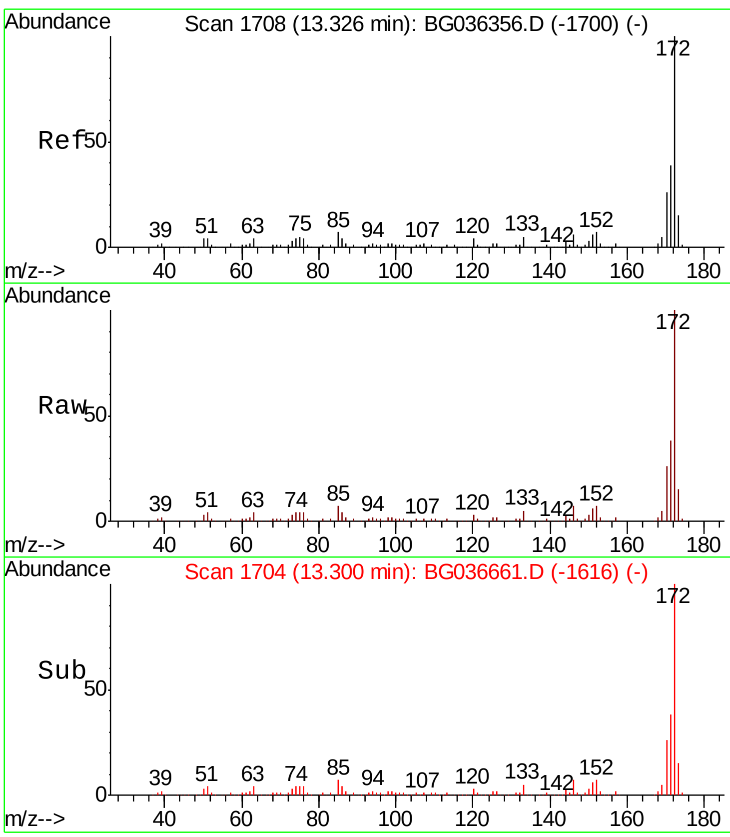
#41
2,4,6-Tribromophenol
Concen: 114.506 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BG036661.D
Acq: 11 Sep 2018 18:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 206737

Ion	Ratio	Lower	Upper
330	100		
332	95.7	75.4	113.2
141	37.1	30.7	46.1

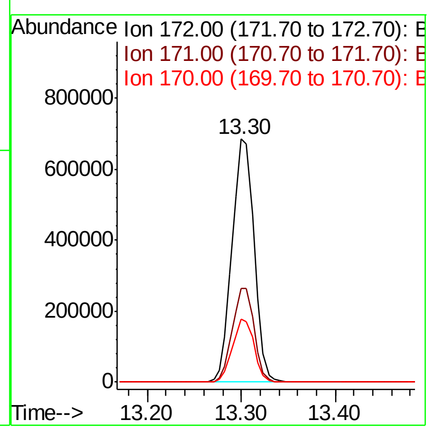


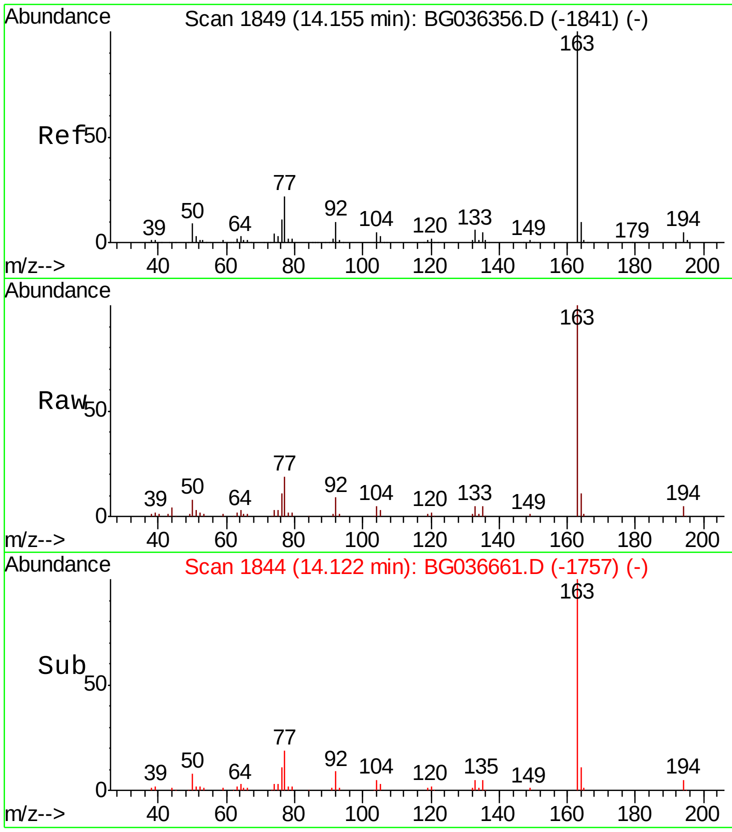


#44
2-Fluorobiphenyl
Concen: 105.891 ng
RT: 13.30 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BG036661.D
Acq: 11 Sep 2018 18:11

Tgt Ion:172 Resp: 1122155

Ion	Ratio	Lower	Upper
172	100		
171	38.5	31.3	46.9
170	25.7	21.0	31.6



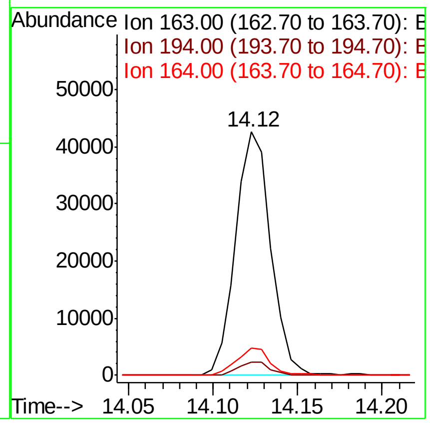


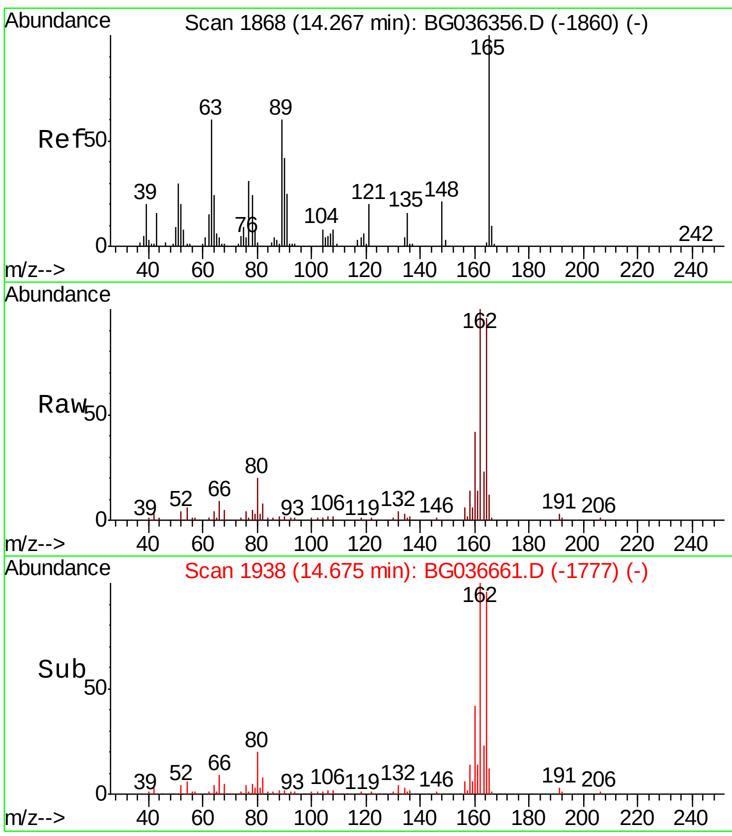
#49
Dimethylphthalate
Concen: 5.004 ng
RT: 14.12 min Scan# 1844
Delta R.T. -0.02 min
Lab File: BG036661.D
Acq: 11 Sep 2018 18:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 61831

Ion	Ratio	Lower	Upper
163	100		
194	5.5	4.0	6.0
164	11.0	8.1	12.1

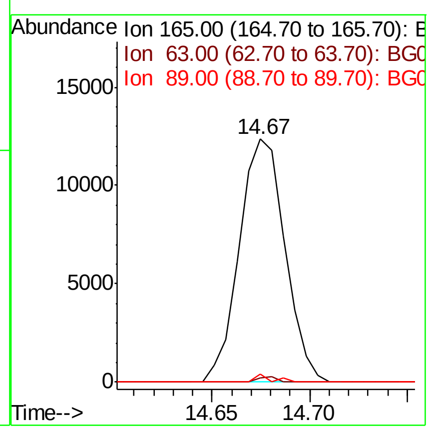


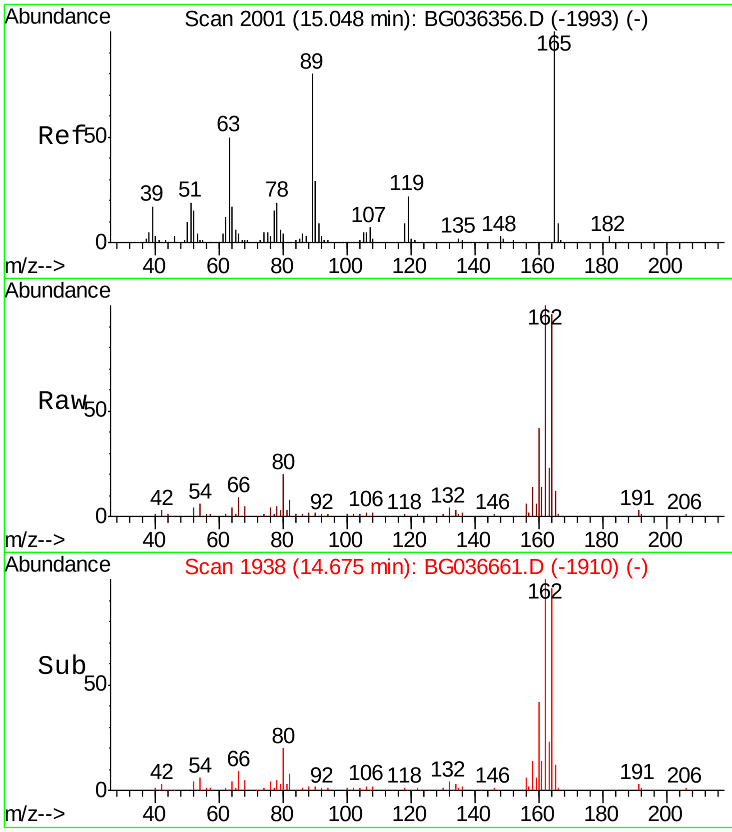


#50
2,6-Dinitrotoluene
Concen: 7.873 ng
RT: 14.67 min Scan# 1938
Delta R.T. 0.42 min
Lab File: BG036661.D
Acq: 11 Sep 2018 18:11

Tgt Ion:165 Resp: 20017

Ion	Ratio	Lower	Upper
165	100		
63	1.5	50.1	75.1#
89	3.3	47.8	71.6#



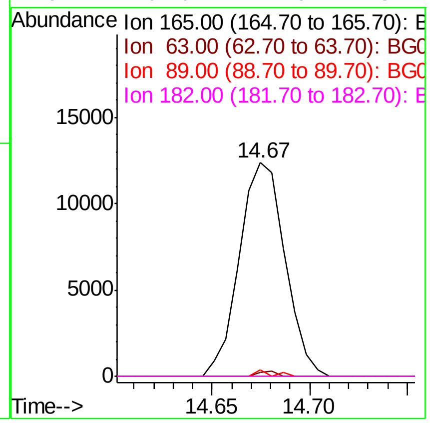


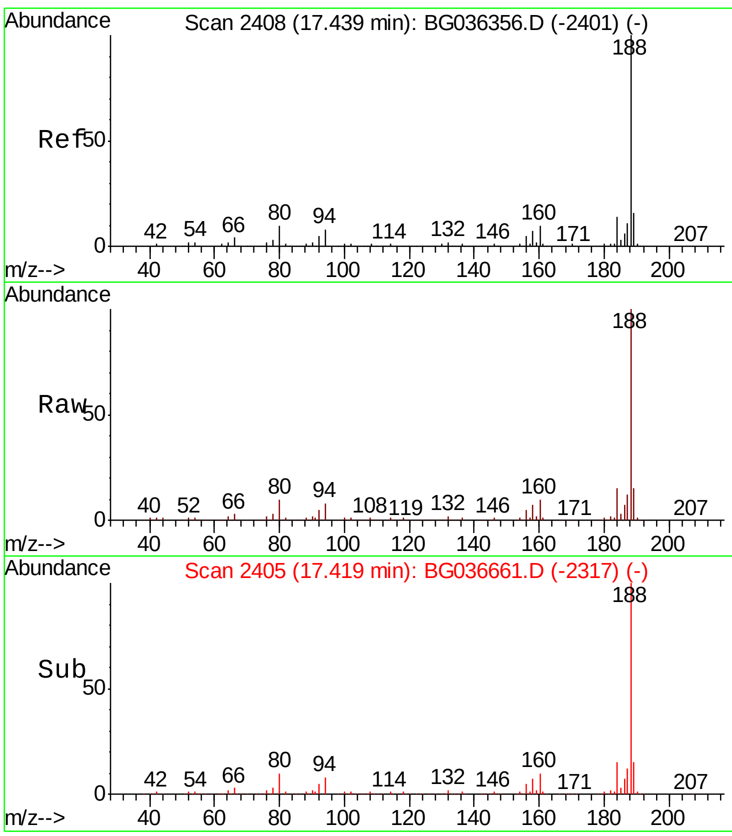
#56
2,4-Dinitrotoluene
Concen: 6.041 ng
RT: 14.67 min Scan# 1938
Delta R.T.   -0.36 min
Lab File: BG036661.D
Acq: 11 Sep 2018 18:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 20017

Ion	Ratio	Lower	Upper
165	100		
63	1.5	40.1	60.1#
89	3.3	63.7	95.5#
182	0.0	2.5	3.7#

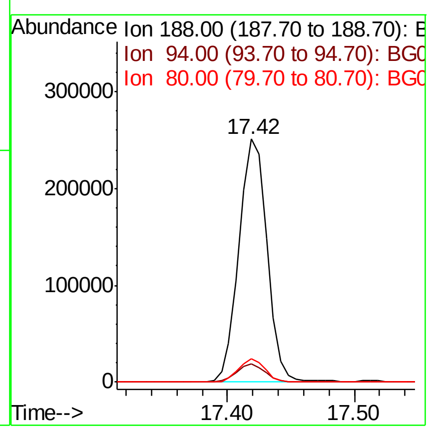


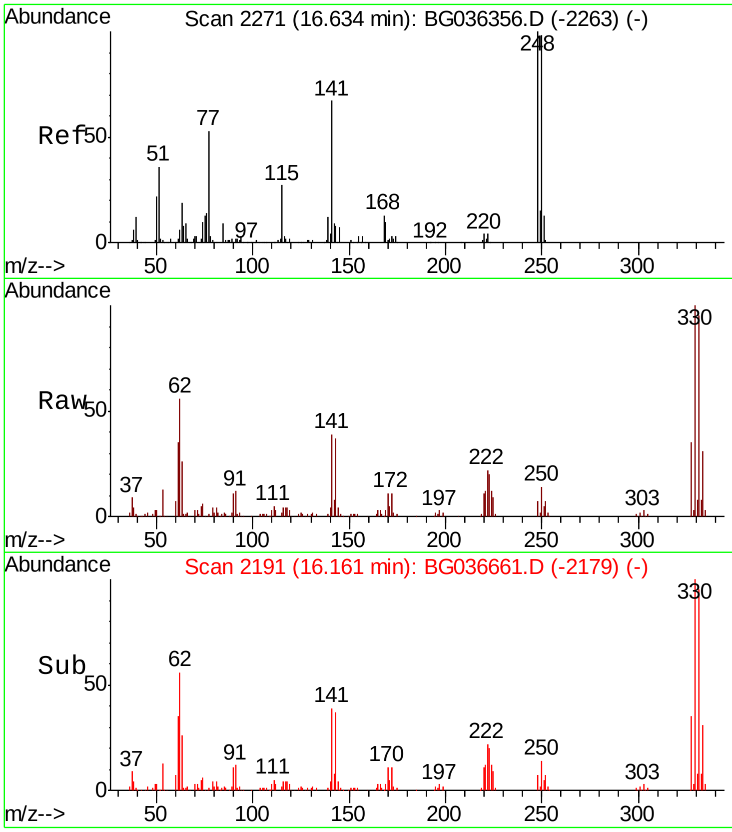


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T.   -0.01 min
Lab File: BG036661.D
Acq: 11 Sep 2018 18:11

Tgt Ion:188 Resp: 387227

Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.7	10.1
80	9.6	8.1	12.1



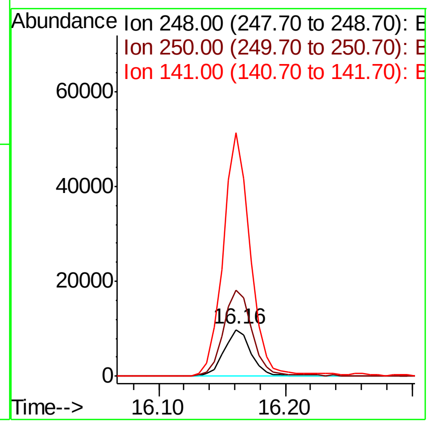


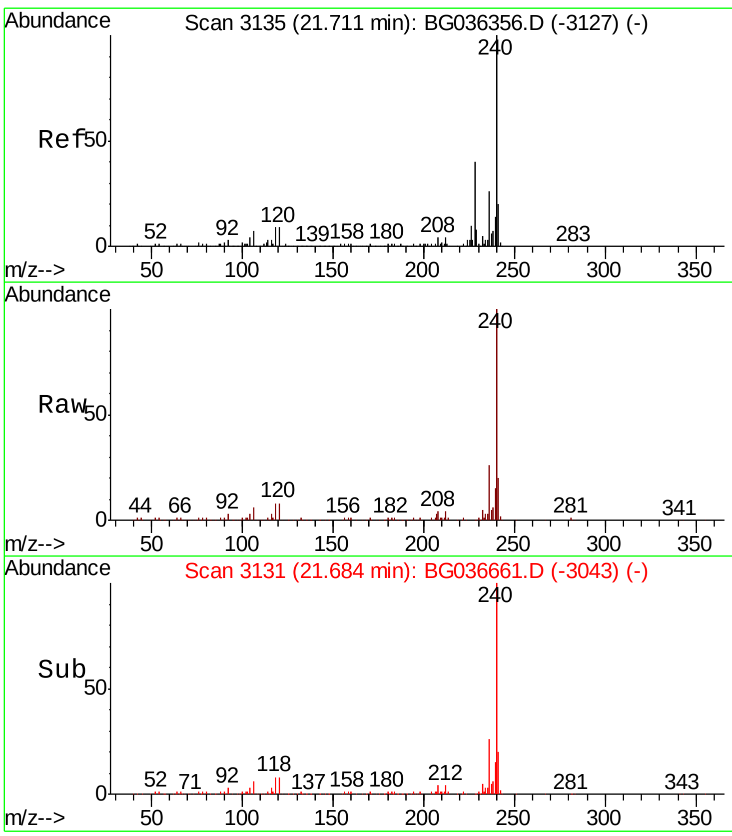
#66
4-Bromophenyl-phenylether
Concen: 3.261 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.46 min
Lab File: BG036661.D
Acq: 11 Sep 2018 18:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 14782

Ion	Ratio	Lower	Upper
248	100		
250	184.8	78.1	117.1#
141	522.2	53.7	80.5#

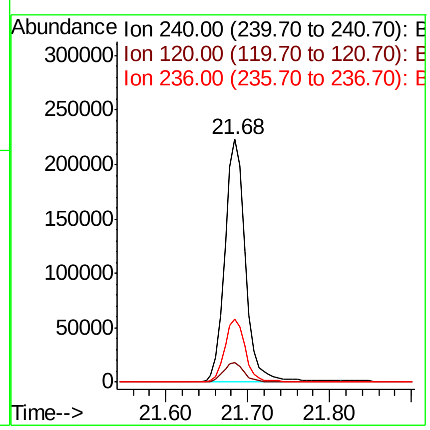


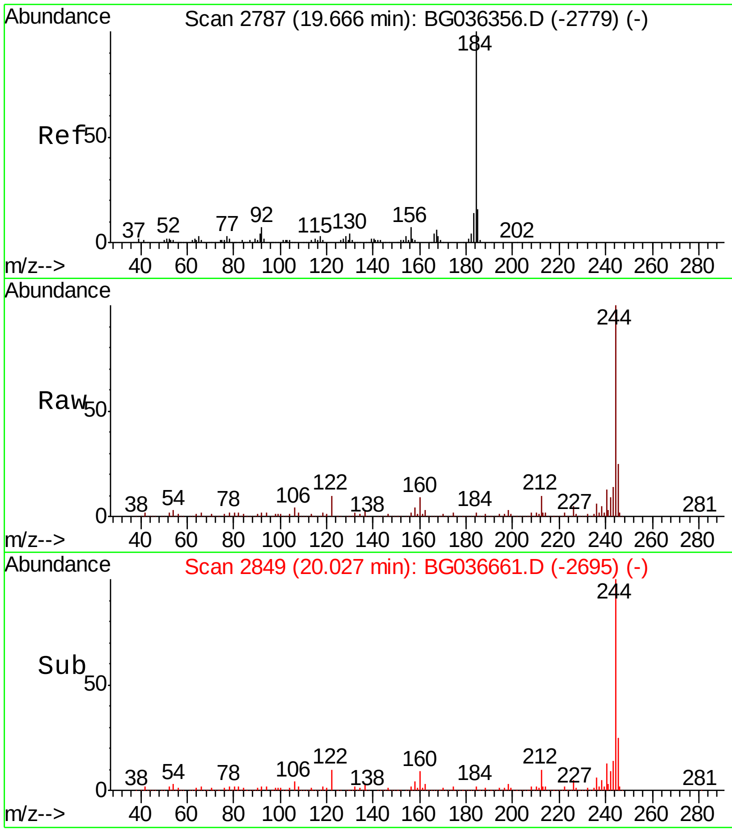


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG036661.D
Acq: 11 Sep 2018 18:11

Tgt Ion:240 Resp: 394218

Ion	Ratio	Lower	Upper
240	100		
120	8.0	6.9	10.3
236	25.7	21.2	31.8



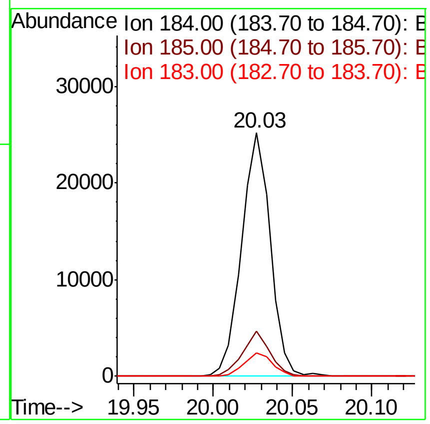


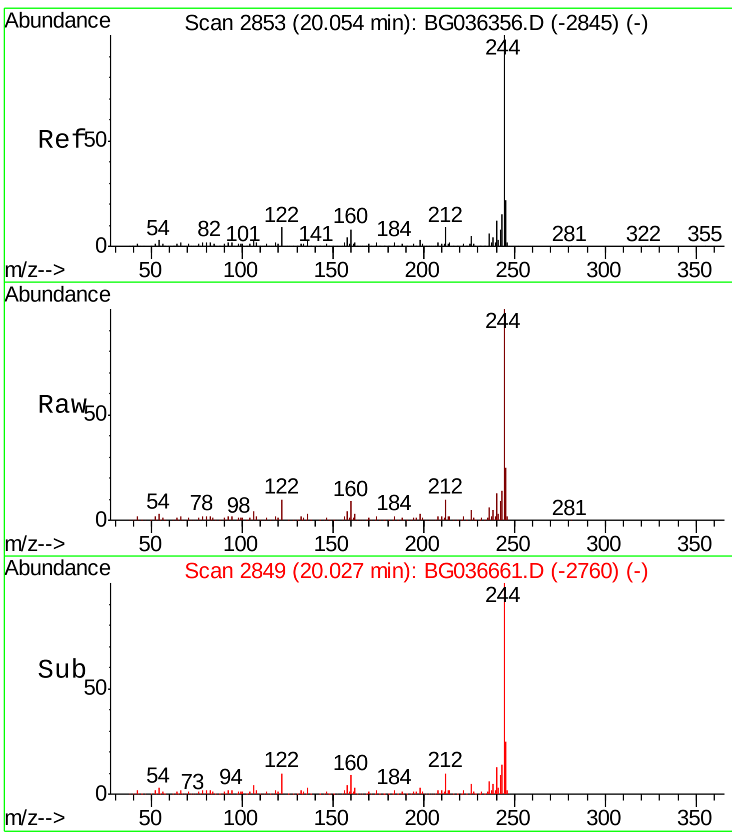
#76
Benzidine
Concen: 2.531 ng
RT: 20.03 min Scan# 2849
Delta R.T. 0.38 min
Lab File: BG036661.D
Acq: 11 Sep 2018 18:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 31837

Ion	Ratio	Lower	Upper
184	100		
185	18.5	12.6	18.8
183	9.8	10.9	16.3#

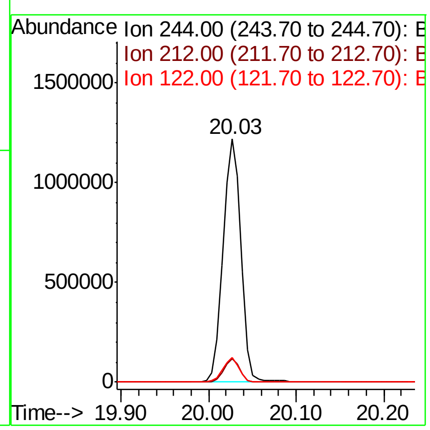


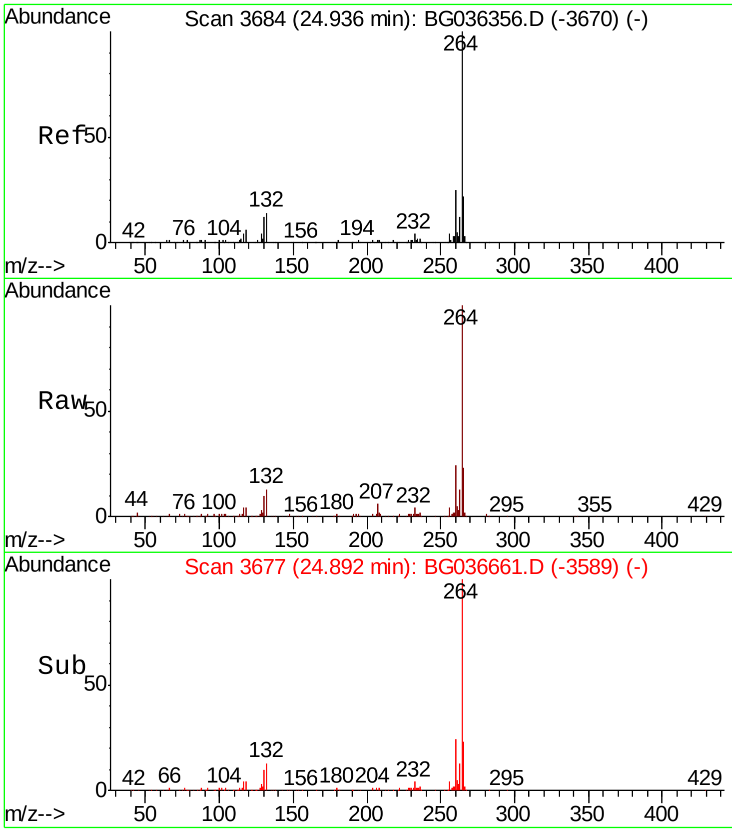


#78
Terphenyl-d14
Concen: 103.216 ng
RT: 20.03 min Scan# 2849
Delta R.T. -0.00 min
Lab File: BG036661.D
Acq: 11 Sep 2018 18:11

Tgt Ion:244 Resp: 1740847

Ion	Ratio	Lower	Upper
244	100		
212	9.7	7.0	10.6
122	9.9	7.1	10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3677
Delta R.T. -0.01 min
Lab File: BG036661.D
Acq: 11 Sep 2018 18:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 348388

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.6	29.4
265	22.9	17.4	26.0