Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071218\
Data File : BG035609.D
Acq On : 13 Jul 2018 00:25
Operator : JU/SJ
Sample : J3947-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PAR-2

Quant Time: Jul 13 04:35:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 12 14:43:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	44620	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	167819	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	123921	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	352771	20.00	ng	0.00
75) Chrysene-d12	21.68	240	388150	20.00	ng	0.00
86) Perylene-d12	24.90	264	358985	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	332203	123.61	ng	0.00
7) Phenol-d6	7.22	99	435964	108.72	ng	0.00
23) Nitrobenzene-d5	9.22	82	363343	90.45	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	234008	143.27	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	813516	87.95	ng	0.00
78) Terphenyl-d14	20.02	244	1534505	87.14	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.22	70	50259	14.884	ng	# 67
50) 2,6-Dinitrotoluene	14.67	165	17084	7.727	ng	# 20
53) 2,4-Dinitrophenol	14.95	184	59	6.630	ng	# 1
56) 2,4-Dinitrotoluene	14.67	165	17084	5.386	ng	# 18
66) 4-Bromophenyl-phenylether	16.16	248	18770	4.586	ng	# 1
76) Benzidine	20.02	184	28768	2.819	ng	# 92

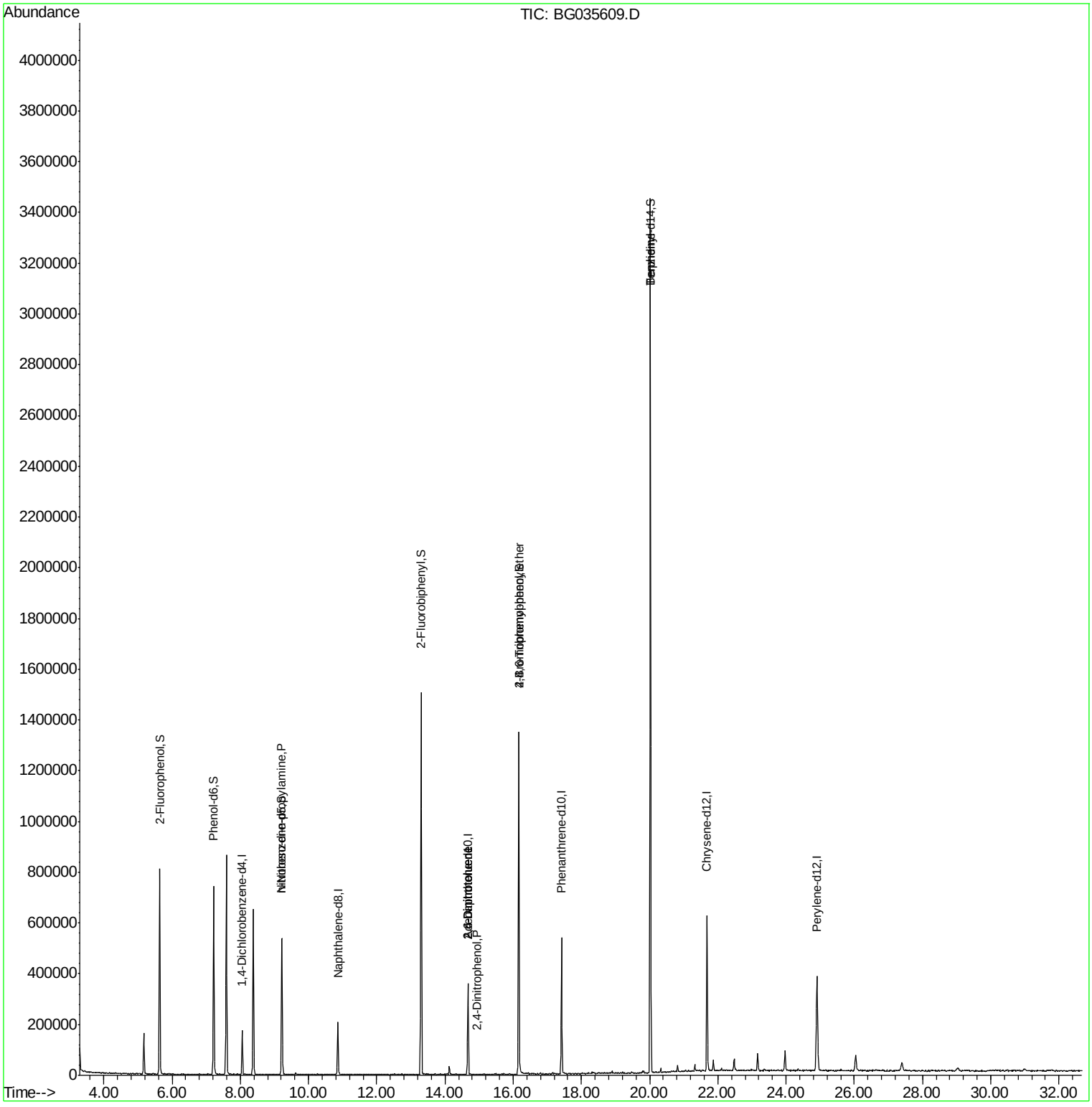
(#) = qualifier out of range (m) = manual integration (+) = signals summed

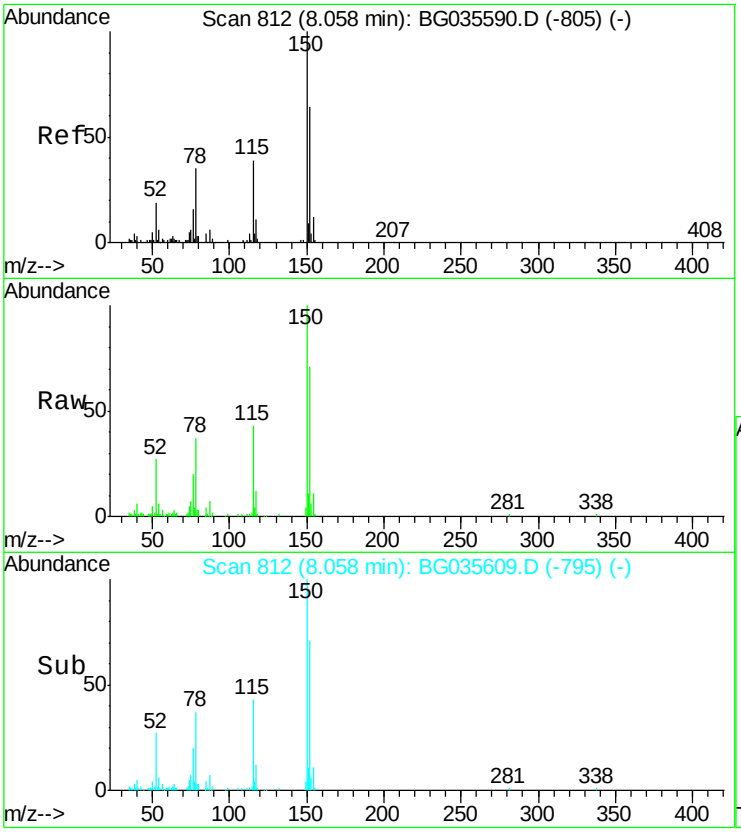
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071218\
Data File : BG035609.D
Acq On : 13 Jul 2018 00:25
Operator : JU/SJ
Sample : J3947-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PAR-2

Quant Time: Jul 13 04:35:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 12 14:43:32 2018
Response via : Initial Calibration



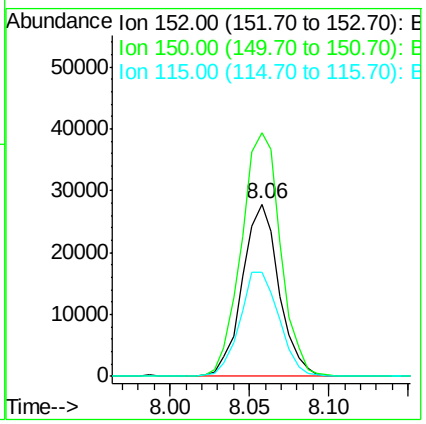


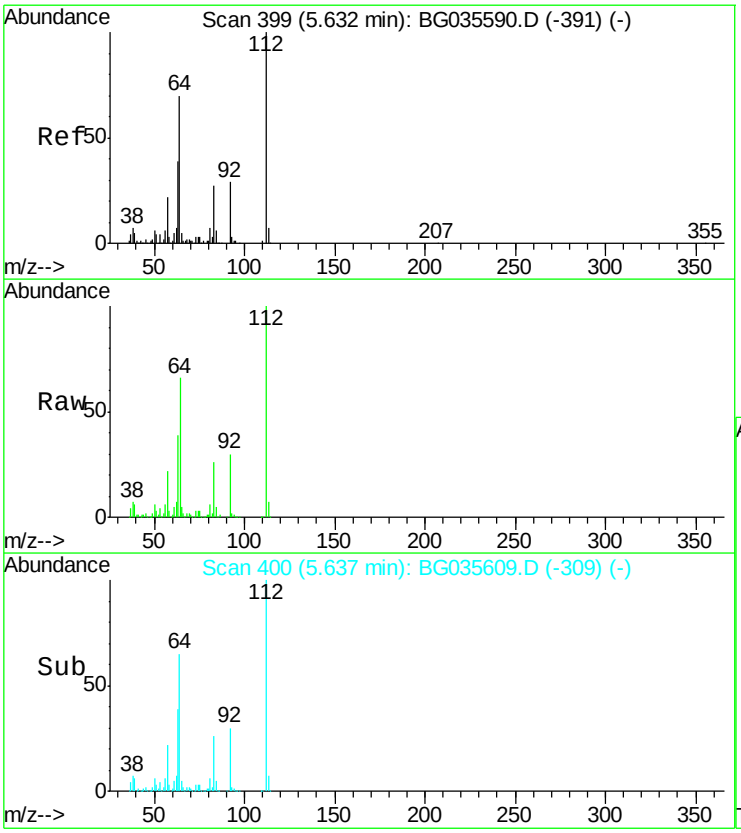
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.00 min
Lab File: BG035609.D
Acq: 13 Jul 2018 00:25

Instrument :
BNA_G
ClientSampleId :
PAR-2

Tgt Ion:152 Resp: 44620

Ion	Ratio	Lower	Upper
152	100		
150	141.5	126.6	189.8
115	60.4	53.0	79.4

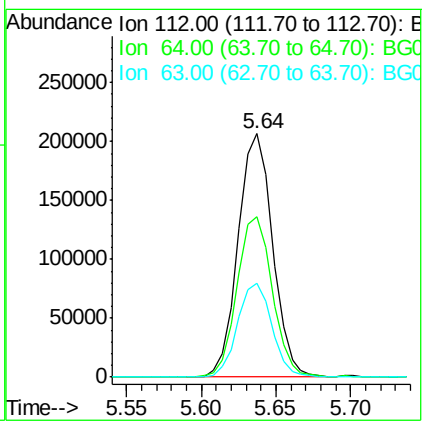


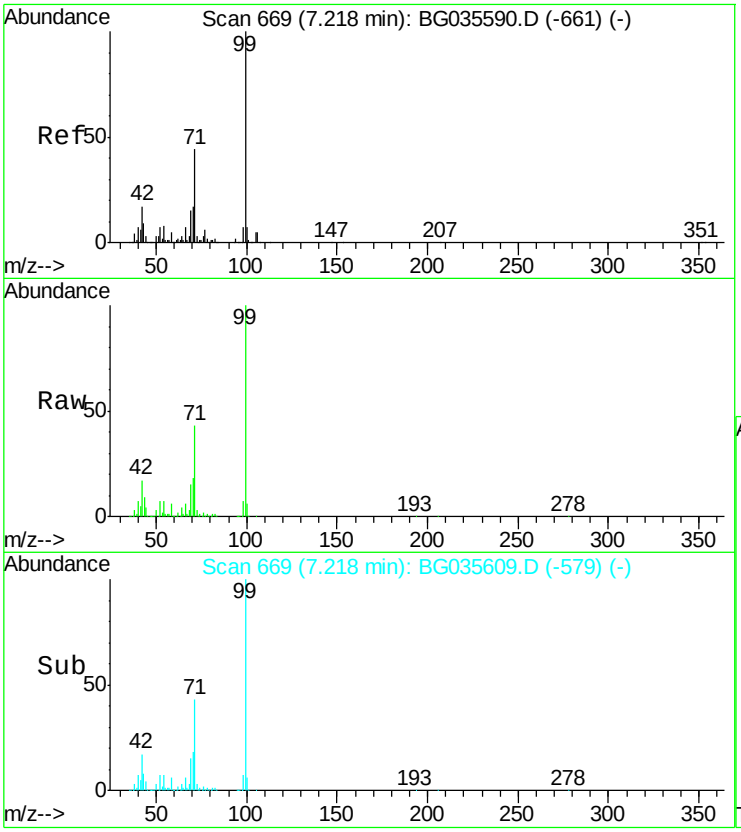


#5
2-Fluorophenol
Concen: 123.607 ng
RT: 5.64 min Scan# 400
Delta R.T. 0.00 min
Lab File: BG035609.D
Acq: 13 Jul 2018 00:25

Tgt Ion:112 Resp: 332203

Ion	Ratio	Lower	Upper
112	100		
64	65.6	56.3	84.5
63	38.6	30.1	45.1



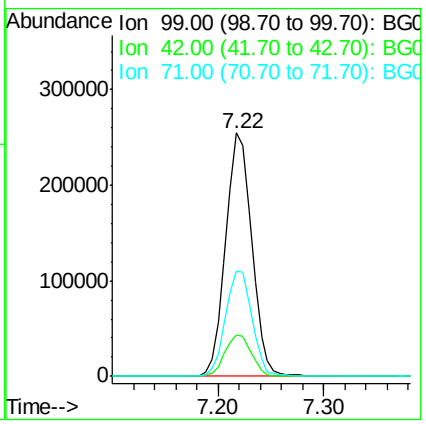


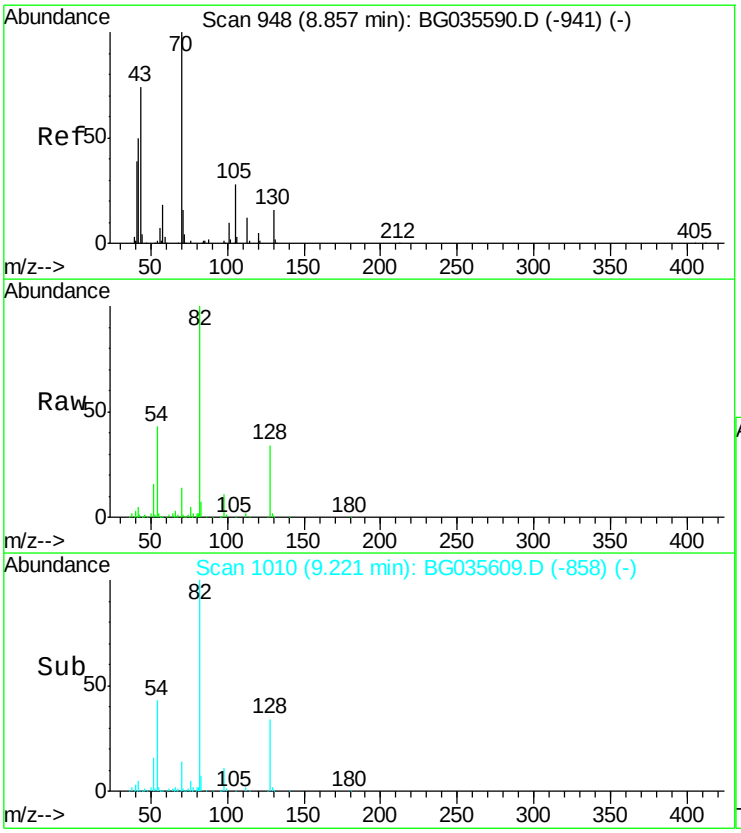
#7
Phenol-d6
Concen: 108.724 ng
RT: 7.22 min Scan# 669
Delta R.T. -0.00 min
Lab File: BG035609.D
Acq: 13 Jul 2018 00:25

Instrument :
BNA_G
ClientSampleId :
PAR-2

Tgt Ion: 99 Resp: 435964

Ion	Ratio	Lower	Upper
99	100		
42	16.7	14.1	21.1
71	43.4	26.1	39.1#

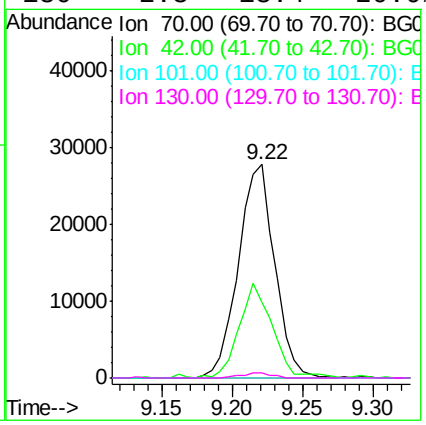


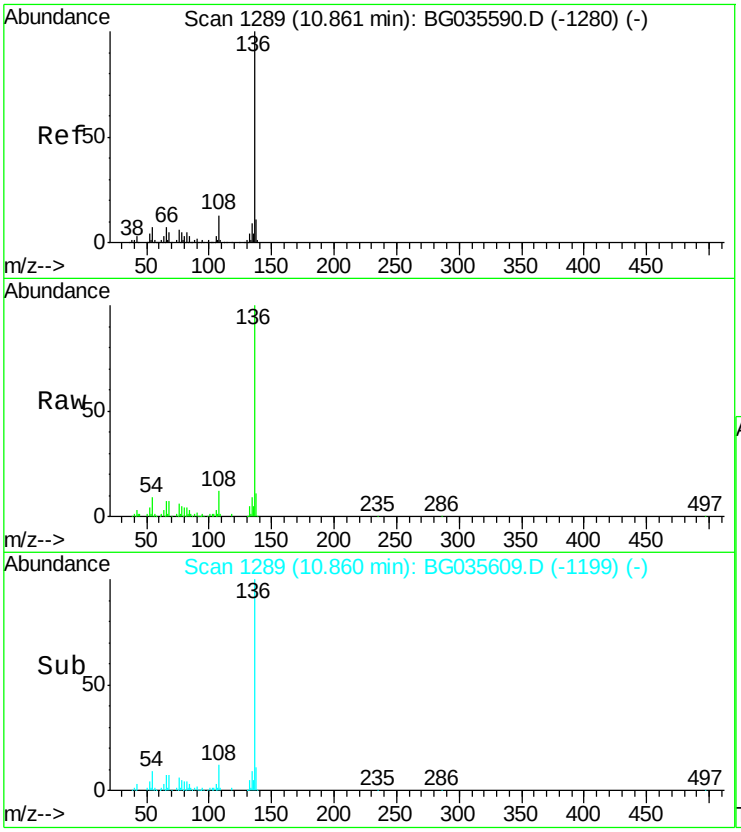


#19
n-Nitroso-di-n-propylamine
Concen: 14.884 ng
RT: 9.22 min Scan# 1010
Delta R.T. 0.36 min
Lab File: BG035609.D
Acq: 13 Jul 2018 00:25

Tgt Ion: 70 Resp: 50259

Ion	Ratio	Lower	Upper
70	100		
42	35.3	49.1	73.7#
101	0.0	8.5	12.7#
130	2.3	13.4	20.0#



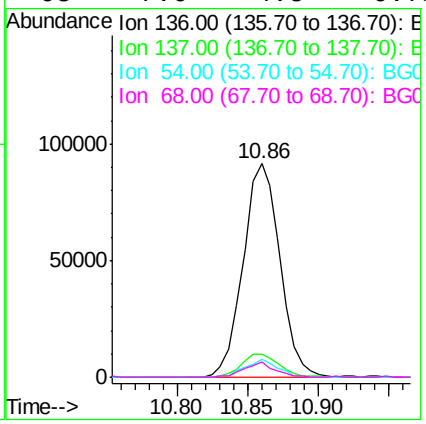


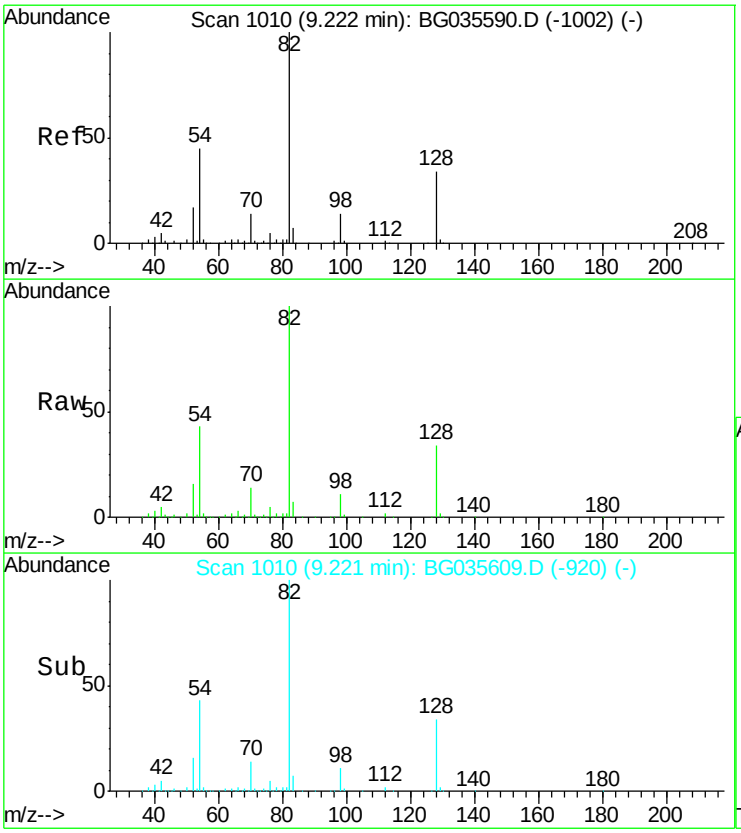
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG035609.D
Acq: 13 Jul 2018 00:25

Instrument :
BNA_G
ClientSampleId :
PAR-2

Tgt Ion:136 Resp: 167819

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	8.6	10.3	15.5#
68	7.0	4.5	6.7#

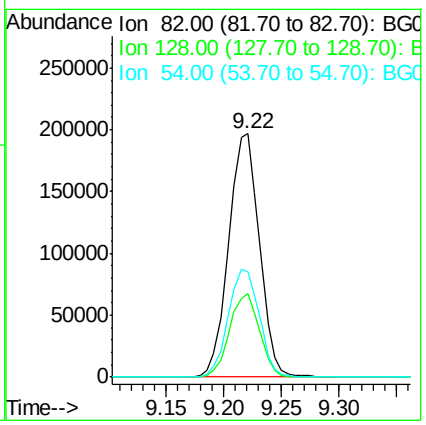


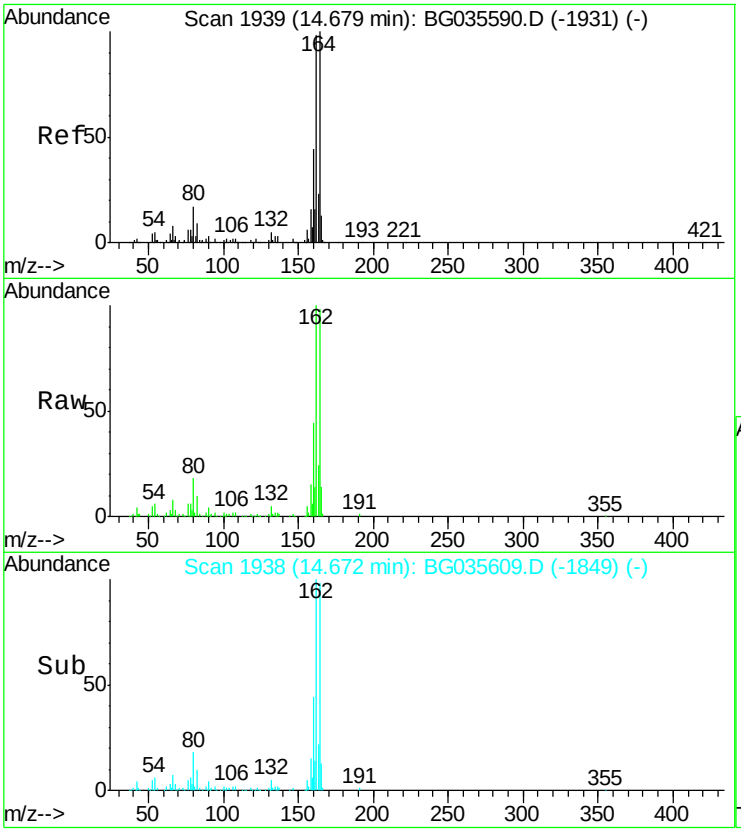


#23
Nitrobenzene-d5
Concen: 90.446 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BG035609.D
Acq: 13 Jul 2018 00:25

Tgt Ion: 82 Resp: 363343

Ion	Ratio	Lower	Upper
82	100		
128	34.1	29.7	44.5
54	43.3	43.1	64.7



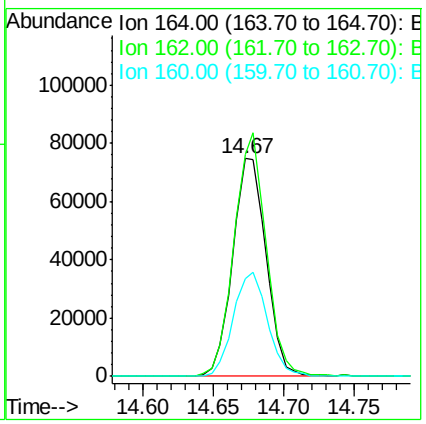


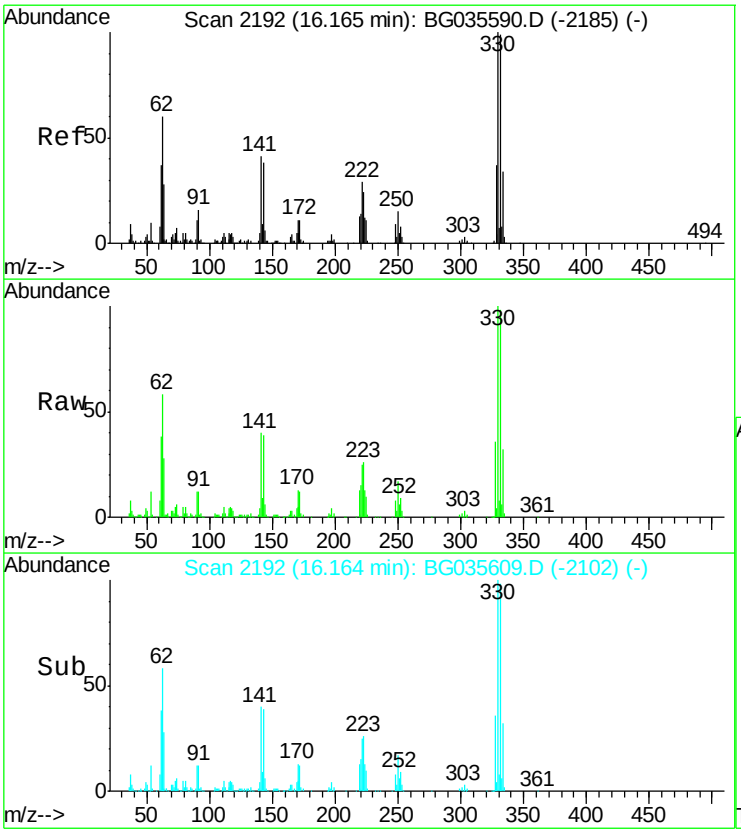
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG035609.D
Acq: 13 Jul 2018 00:25

Instrument :
BNA_G
ClientSampleId :
PAR-2

Tgt Ion:164 Resp: 123921

Ion	Ratio	Lower	Upper
164	100		
162	101.9	78.8	118.2
160	45.2	35.4	53.0

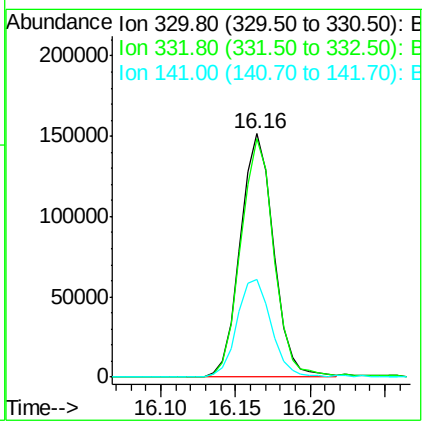


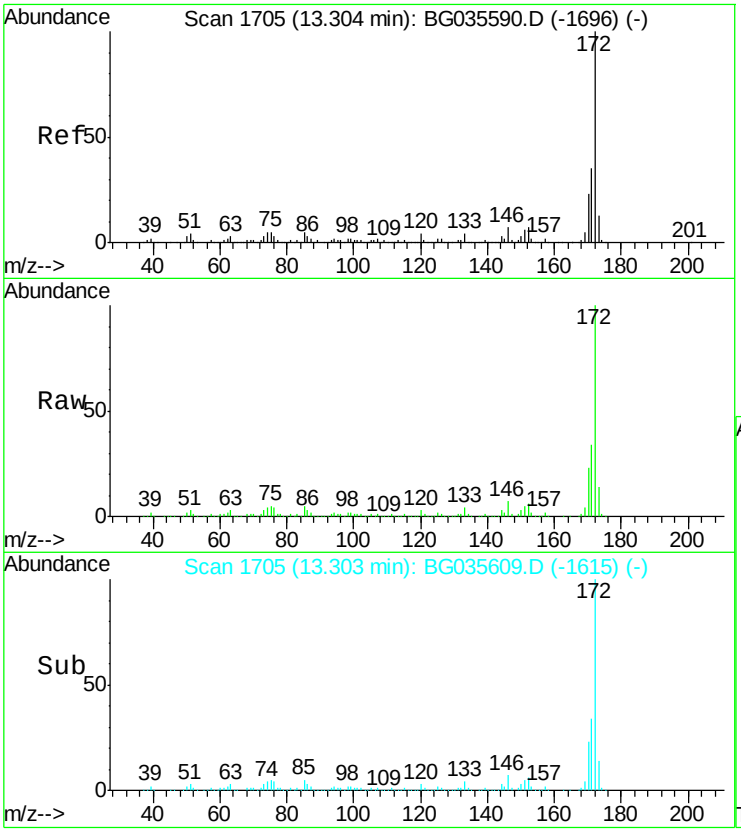


#41
2,4,6-Tribromophenol
Concen: 143.268 ng
RT: 16.16 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BG035609.D
Acq: 13 Jul 2018 00:25

Tgt Ion:330 Resp: 234008

Ion	Ratio	Lower	Upper
330	100		
332	98.4	77.0	115.6
141	41.3	25.2	37.8#



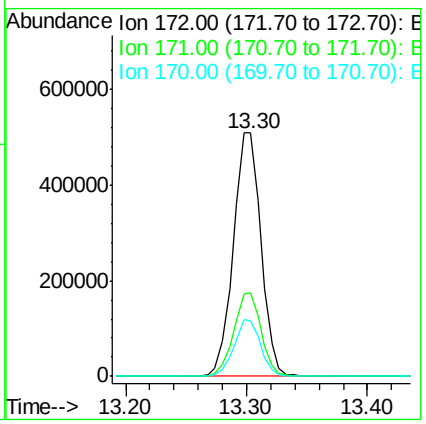


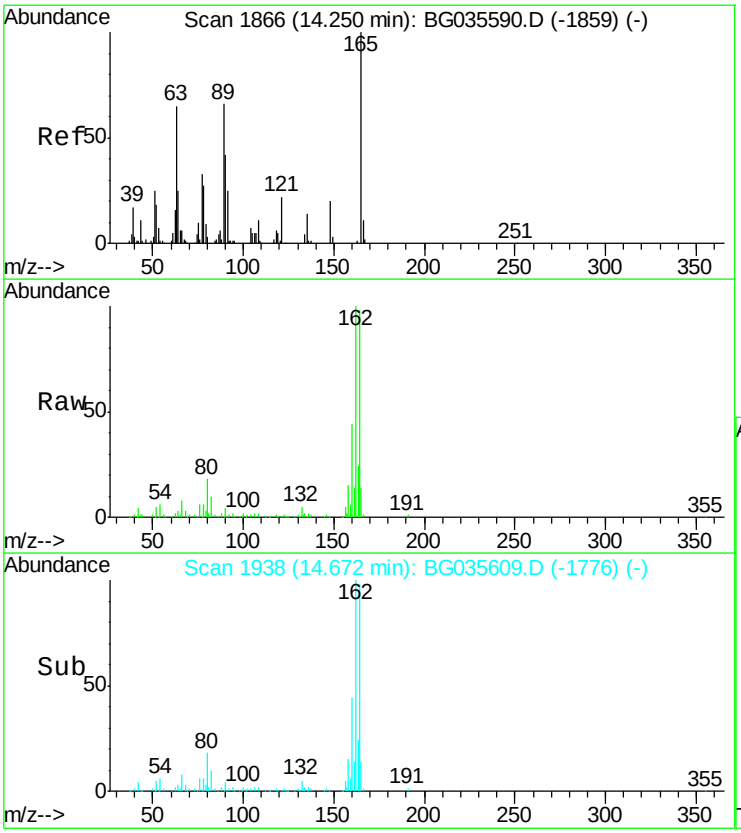
#44
2-Fluorobiphenyl
Concen: 87.951 ng
RT: 13.30 min Scan# 1705
Delta R.T. -0.00 min
Lab File: BG035609.D
Acq: 13 Jul 2018 00:25

Instrument :
BNA_G
ClientSampleId :
PAR-2

Tgt Ion:172 Resp: 813516

Ion	Ratio	Lower	Upper
172	100		
171	34.2	30.0	45.0
170	22.8	19.5	29.3

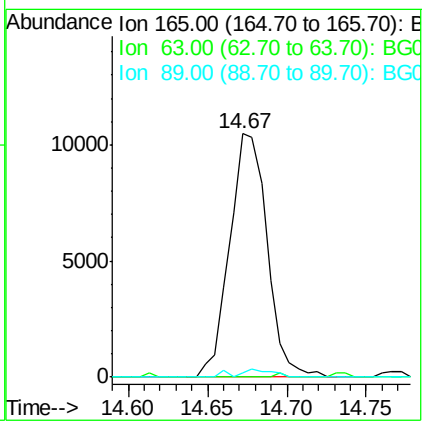


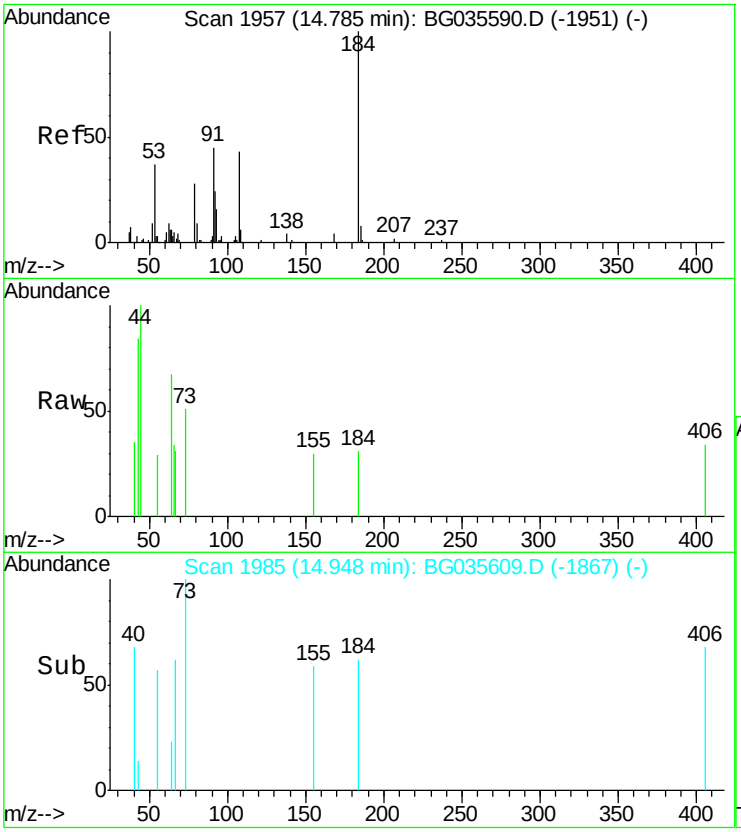


#50
2,6-Dinitrotoluene
Concen: 7.727 ng
RT: 14.67 min Scan# 1938
Delta R.T. 0.42 min
Lab File: BG035609.D
Acq: 13 Jul 2018 00:25

Tgt Ion:165 Resp: 17084

Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	2.0	49.2	73.8#



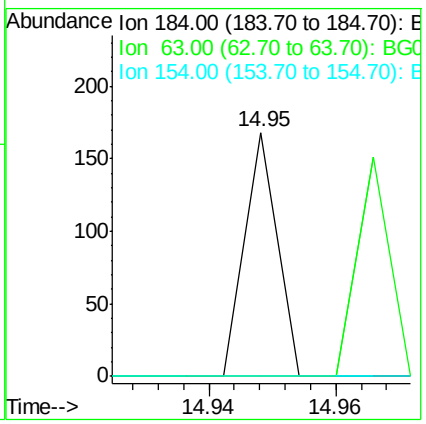


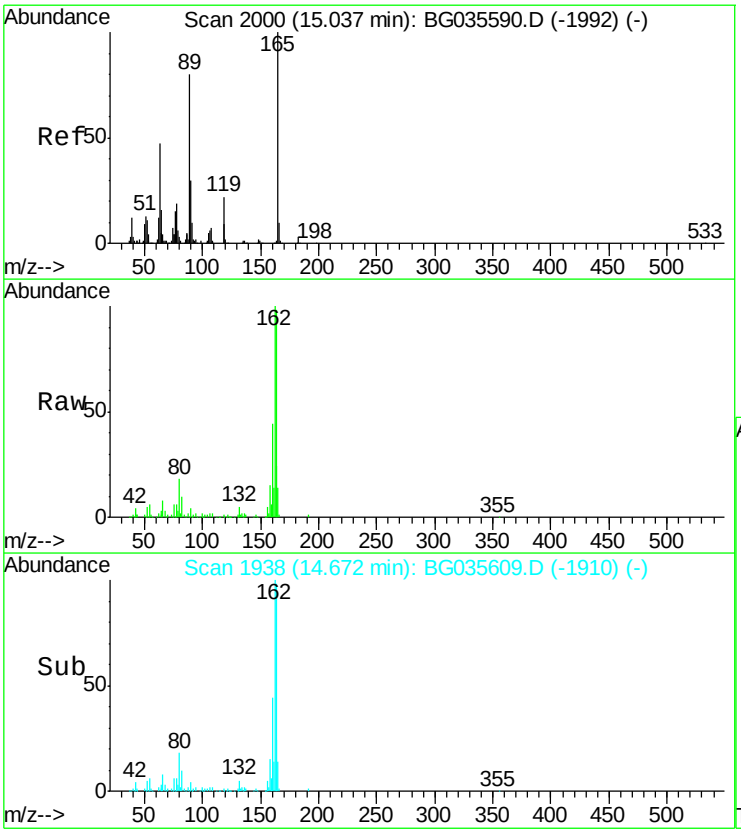
#53
2,4-Dinitrophenol
Concen: 6.630 ng
RT: 14.95 min Scan# 1985
Delta R.T. 0.16 min
Lab File: BG035609.D
Acq: 13 Jul 2018 00:25

Instrument :
BNA_G
ClientSampleId :
PAR-2

Tgt Ion:184 Resp: 59

Ion	Ratio	Lower	Upper
184	100		
63	0.0	59.8	89.8#
154	0.0	101.8	152.8#

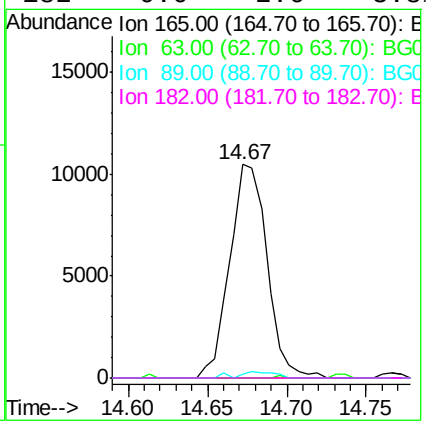


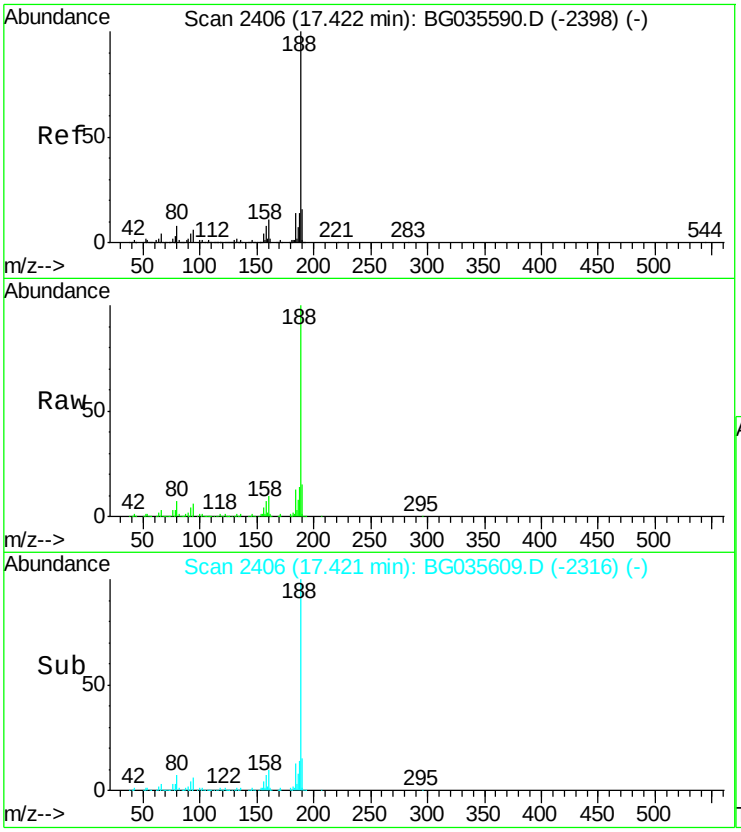


#56
2,4-Dinitrotoluene
Concen: 5.386 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.37 min
Lab File: BG035609.D
Acq: 13 Jul 2018 00:25

Tgt Ion:165 Resp: 17084

Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	2.0	66.9	100.3#
182	0.0	2.6	3.8#



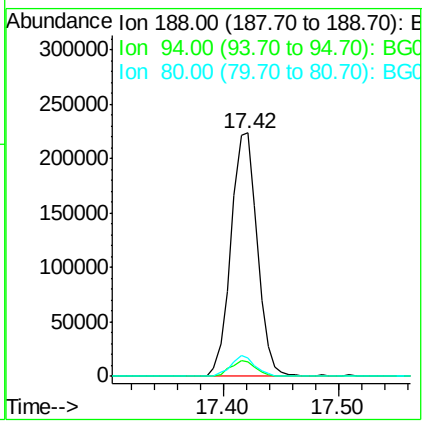


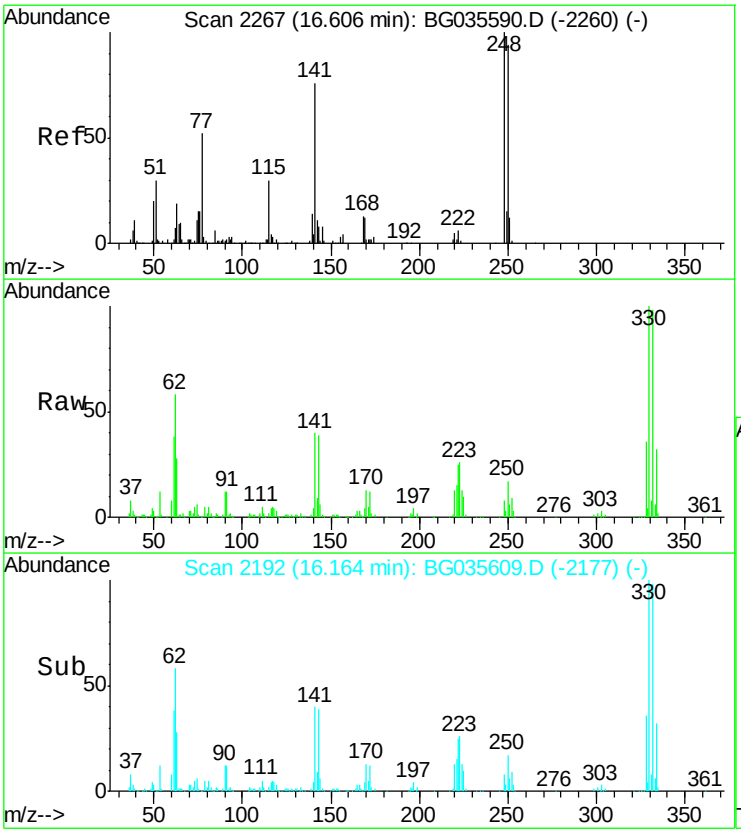
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2406
Delta R.T. -0.00 min
Lab File: BG035609.D
Acq: 13 Jul 2018 00:25

Instrument :
BNA_G
ClientSampleId :
PAR-2

Tgt Ion:188 Resp: 352771

Ion	Ratio	Lower	Upper
188	100		
94	5.8	6.9	10.3#
80	7.5	7.7	11.5#

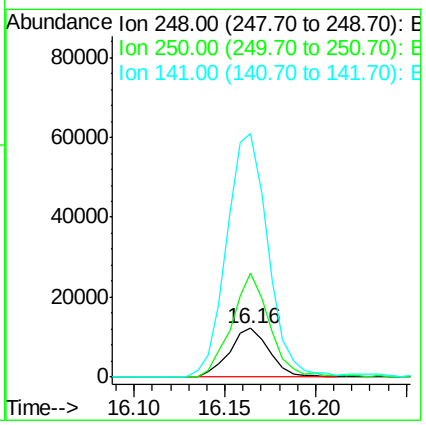


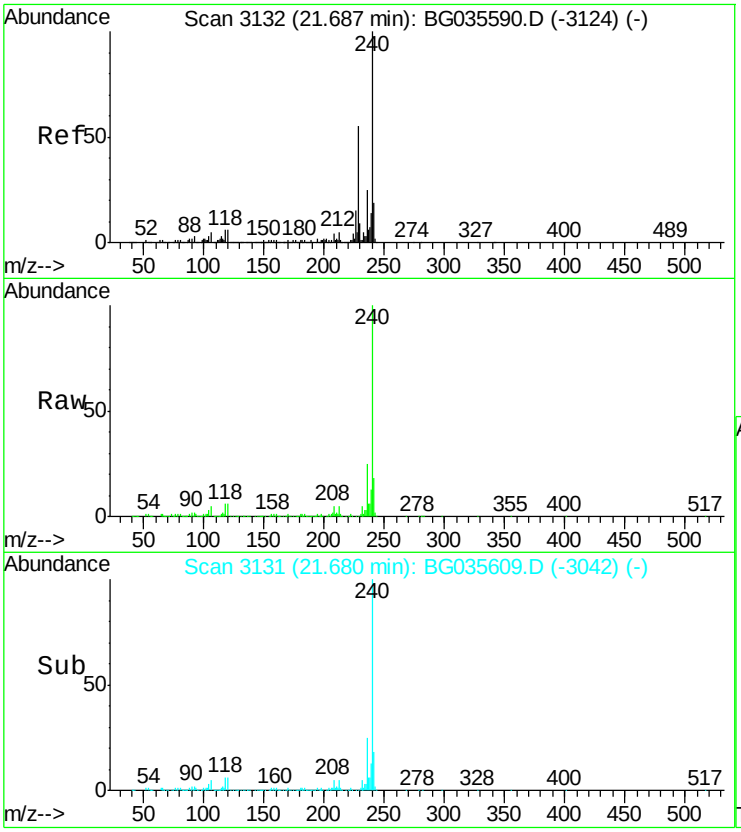


#66
4-Bromophenyl-phenylether
Concen: 4.586 ng
RT: 16.16 min Scan# 2192
Delta R.T. -0.44 min
Lab File: BG035609.D
Acq: 13 Jul 2018 00:25

Tgt Ion:248 Resp: 18770

Ion	Ratio	Lower	Upper
248	100		
250	213.1	77.1	115.7#
141	499.2	50.8	76.2#



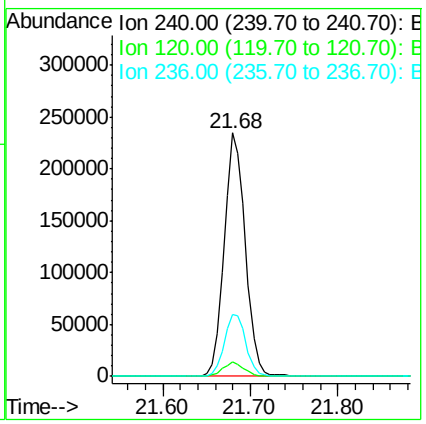


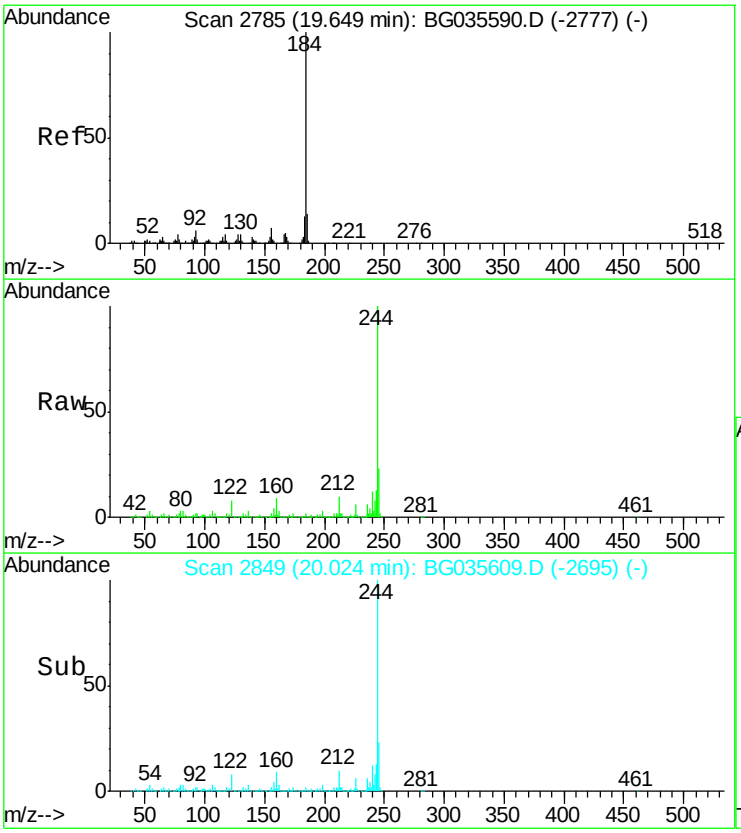
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG035609.D
Acq: 13 Jul 2018 00:25

Instrument :
BNA_G
ClientSampleId :
PAR-2

Tgt Ion:240 Resp: 388150

Ion	Ratio	Lower	Upper
240	100		
120	5.8	6.8	10.2#
236	25.3	20.9	31.3

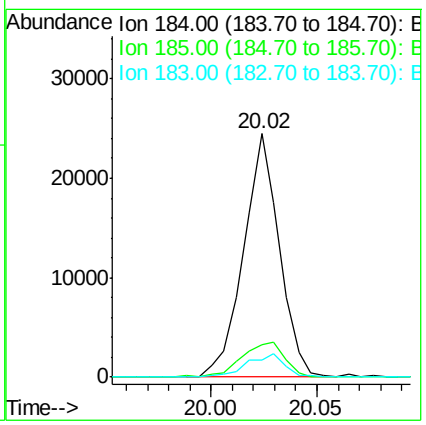


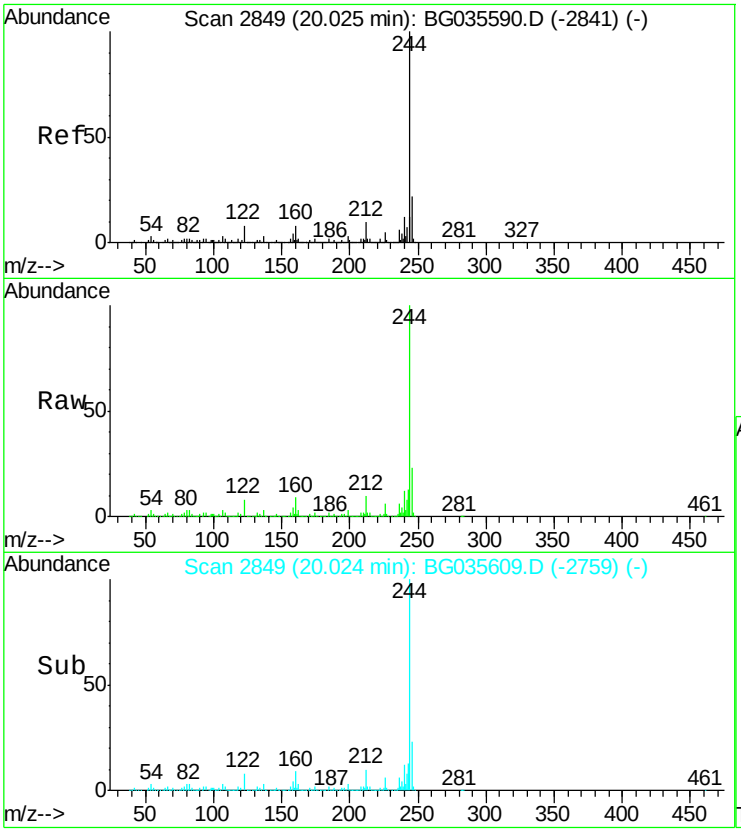


#76
Benzidine
Concen: 2.819 ng
RT: 20.02 min Scan# 2849
Delta R.T. 0.38 min
Lab File: BG035609.D
Acq: 13 Jul 2018 00:25

Tgt Ion:184 Resp: 28768

Ion	Ratio	Lower	Upper
184	100		
185	13.3	11.1	16.7
183	7.1	10.6	16.0#



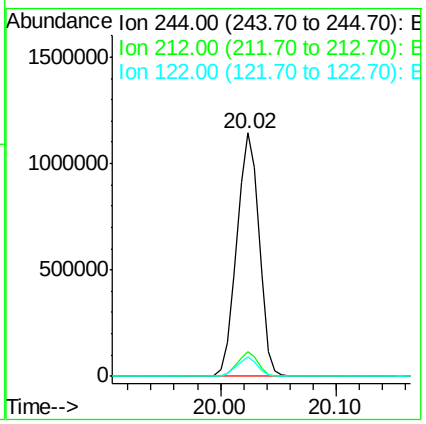


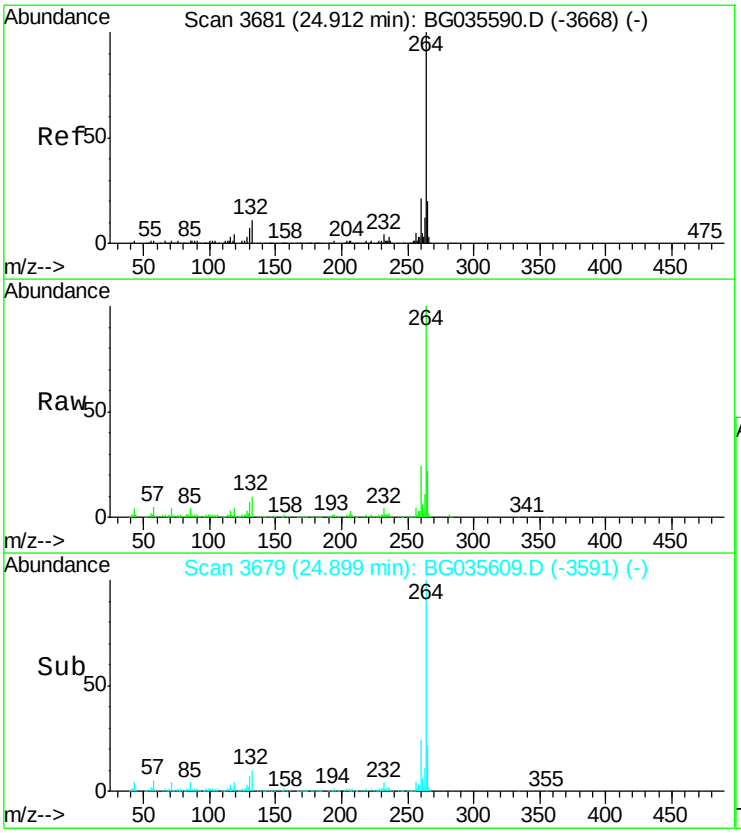
#78
Terphenyl-d14
Concen: 87.144 ng
RT: 20.02 min Scan# 2849
Delta R.T. -0.00 min
Lab File: BG035609.D
Acq: 13 Jul 2018 00:25

Instrument :
BNA_G
ClientSampleId :
PAR-2

Tgt Ion:244 Resp: 1534505

Ion	Ratio	Lower	Upper
244	100		
212	10.3	5.8	8.8#
122	7.9	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3679
Delta R.T. -0.01 min
Lab File: BG035609.D
Acq: 13 Jul 2018 00:25

Tgt Ion:264 Resp: 358985

Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.4	26.0
265	21.6	17.7	26.5