Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072018\
Data File : BG035795.D
Acq On : 20 Jul 2018 22:02
Operator : JU/SJ
Sample : J3357-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW3

Quant Time: Jul 21 00:39:16 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 15:28:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	51193	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	179621	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	124971	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	317287	20.00	ng	0.00
75) Chrysene-d12	21.66	240	354751	20.00	ng	0.00
86) Perylene-d12	24.85	264	347109	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	219319	71.13	ng	0.00
7) Phenol-d6	7.19	99	193394	42.04	ng	0.00
23) Nitrobenzene-d5	9.19	82	429459	99.88	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	251719	152.82	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	976452	104.68	ng	0.00
78) Terphenyl-d14	20.00	244	1551382	96.40	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.19	70	58777	15.172	ng	# 69
49) Dimethylphthalate	14.11	163	32099	2.932	ng	# 94
50) 2,6-Dinitrotoluene	14.66	165	17029	7.637	ng	# 21
53) 2,4-Dinitrophenol	14.72	184	55	6.626	ng	# 1
56) 2,4-Dinitrotoluene	14.66	165	17029	5.324	ng	# 19
66) 4-Bromophenyl-phenylether	16.14	248	20266	5.505	ng	# 1
76) Benzidine	20.00	184	28001	3.002	ng	# 88

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072018\
Data File : BG035795.D
Acq On : 20 Jul 2018 22:02
Operator : JU/SJ
Sample : J3357-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW3

Quant Time: Jul 21 00:39:16 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 15:28:54 2018
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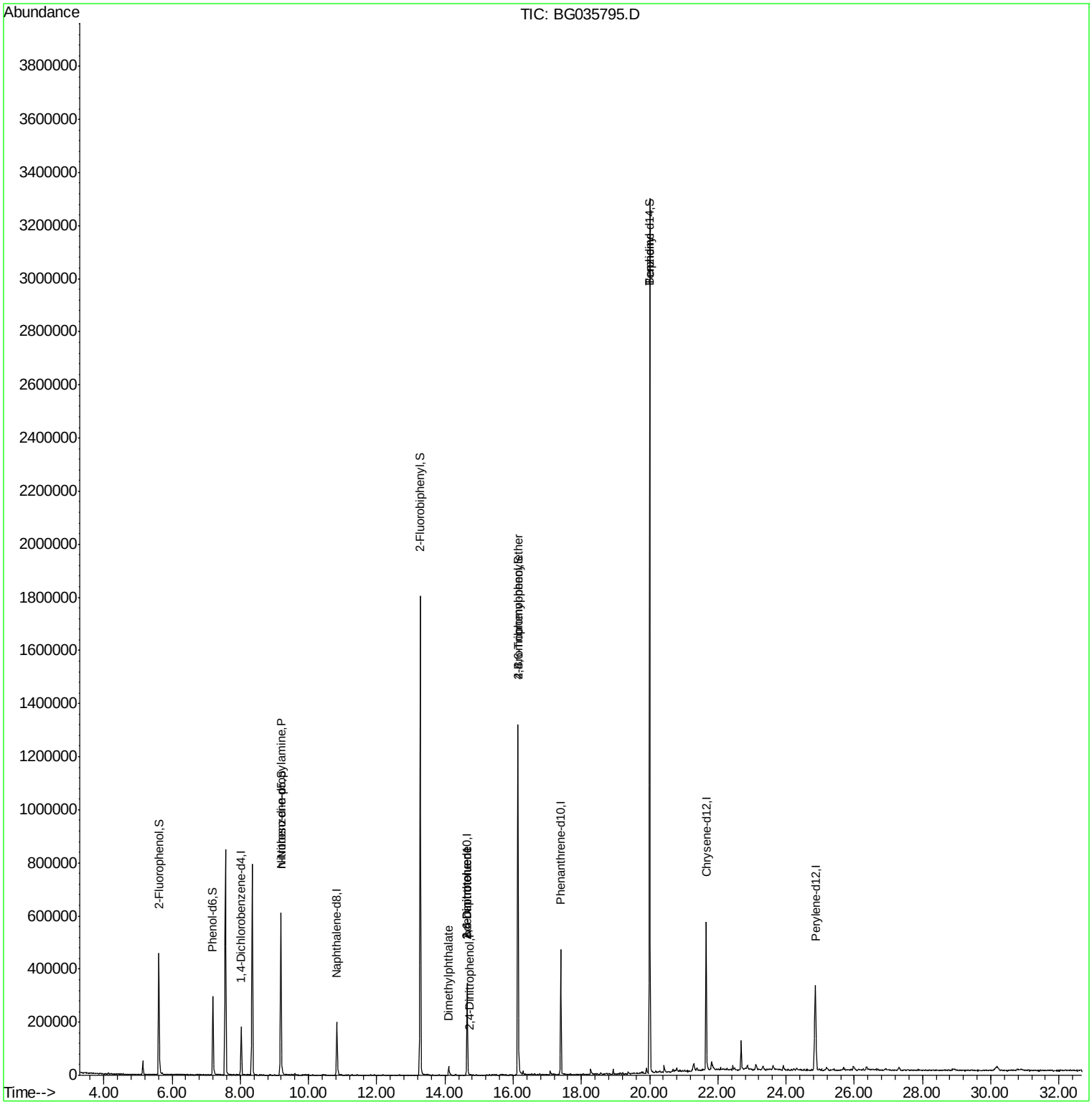
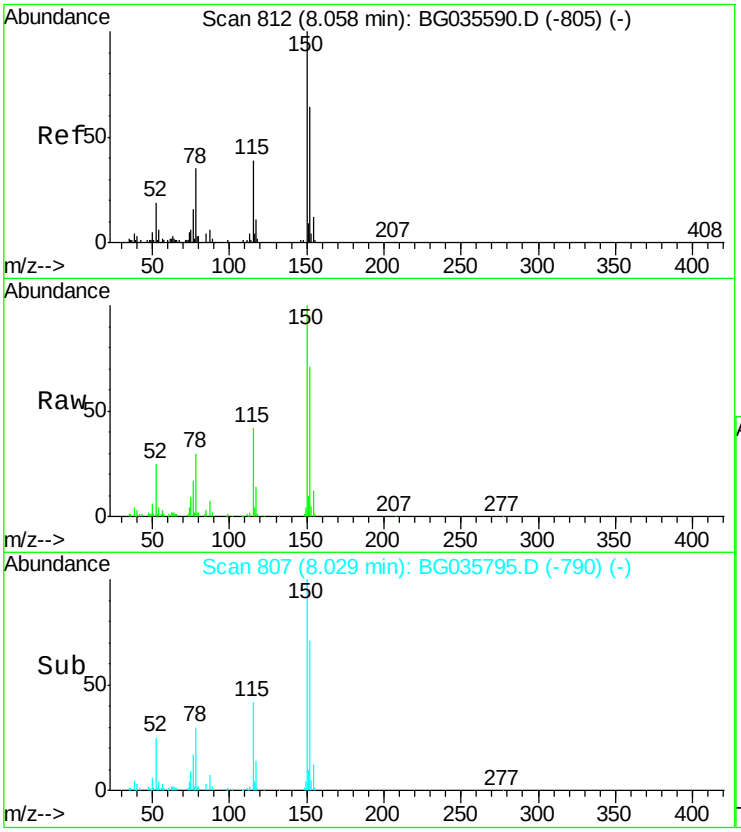


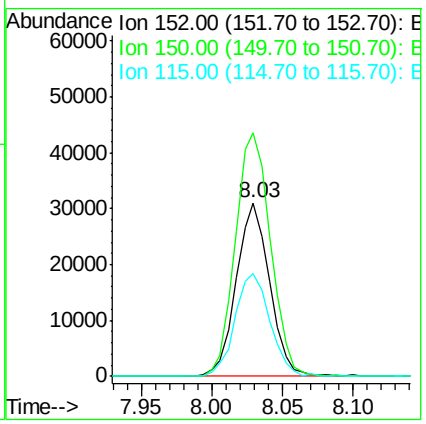


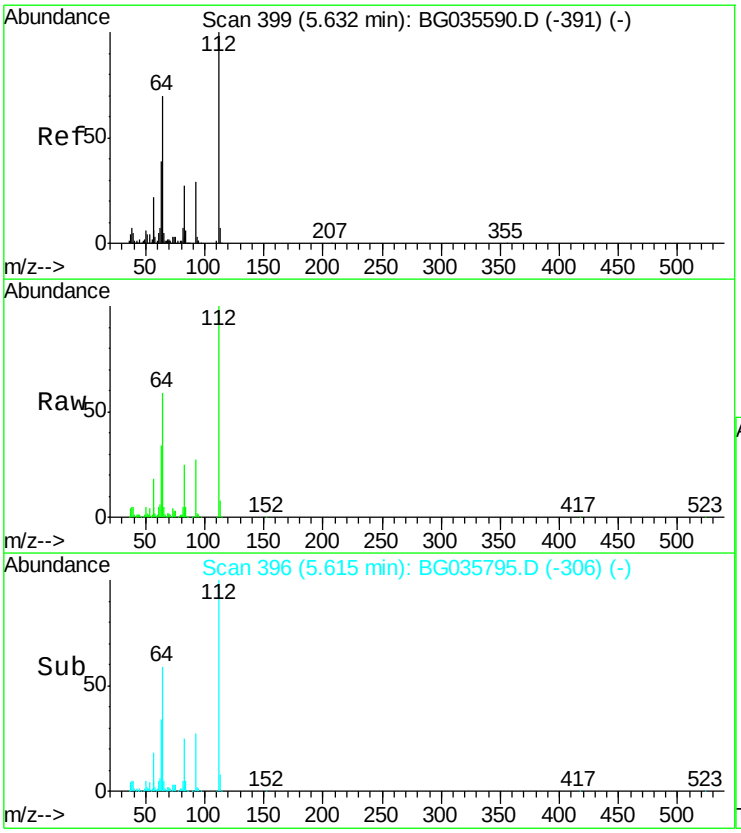
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. 0.00 min
Lab File: BG035795.D
Acq: 20 Jul 2018 22:02

Instrument :
BNA_G
ClientSampleId :
MW3

Tgt Ion:152 Resp: 51193

Ion	Ratio	Lower	Upper
152	100		
150	140.1	126.6	189.8
115	59.3	53.0	79.4

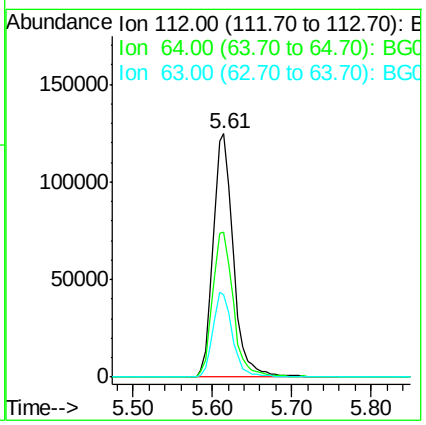


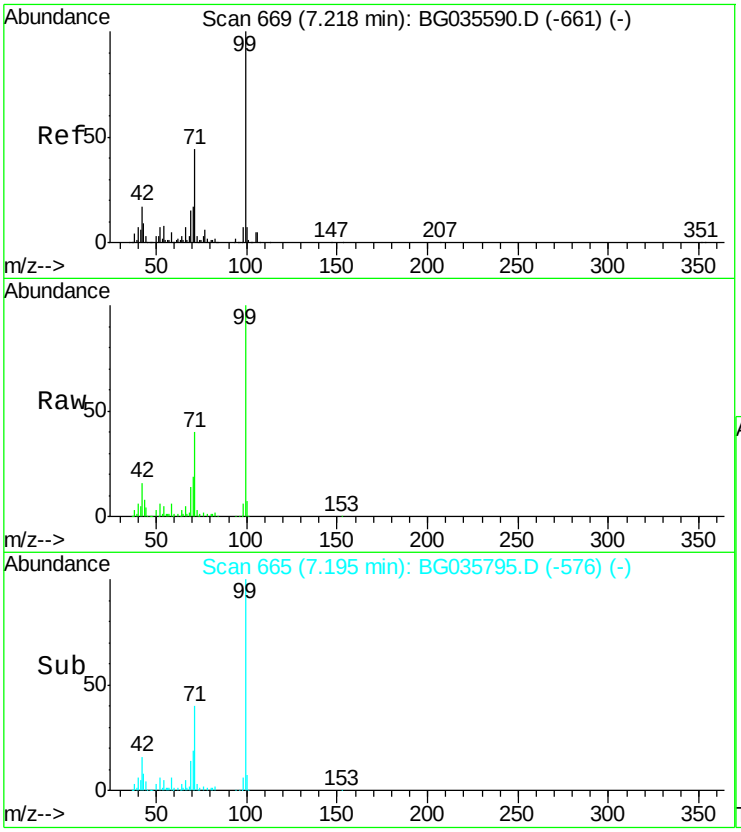


#5
2-Fluorophenol
Concen: 71.127 ng
RT: 5.61 min Scan# 396
Delta R.T. 0.00 min
Lab File: BG035795.D
Acq: 20 Jul 2018 22:02

Tgt Ion:112 Resp: 219319

Ion	Ratio	Lower	Upper
112	100		
64	59.4	56.3	84.5
63	33.7	30.1	45.1



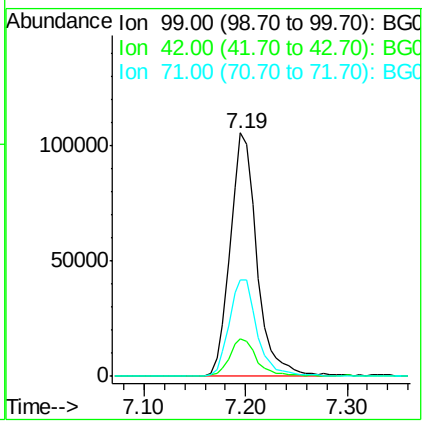


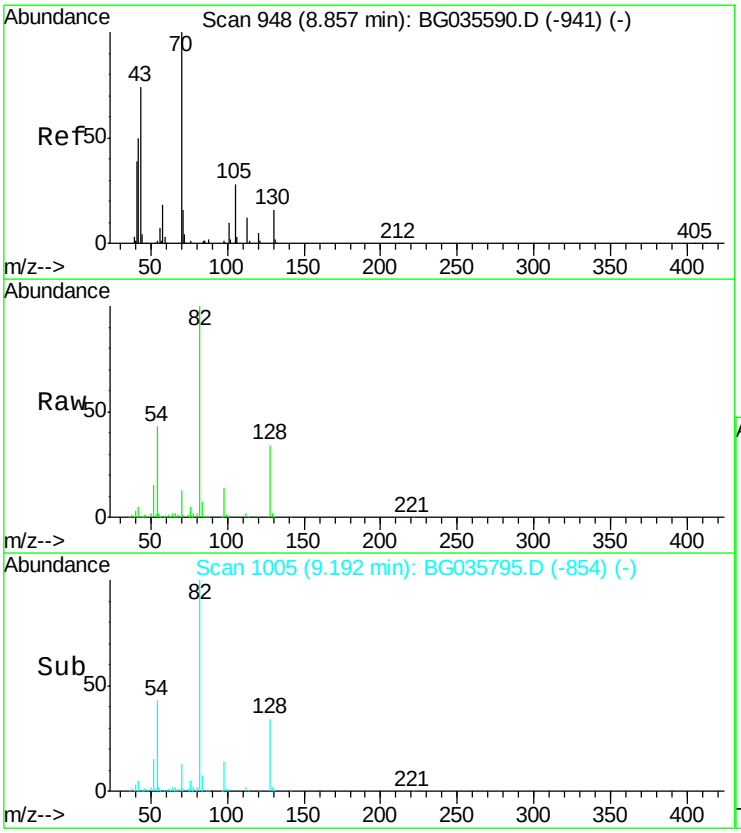
#7
Phenol-d6
Concen: 42.037 ng
RT: 7.19 min Scan# 665
Delta R.T. -0.00 min
Lab File: BG035795.D
Acq: 20 Jul 2018 22:02

Instrument :
BNA_G
ClientSampleId :
MW3

Tgt Ion: 99 Resp: 193394

Ion	Ratio	Lower	Upper
99	100		
42	15.6	14.1	21.1
71	39.9	26.1	39.1#

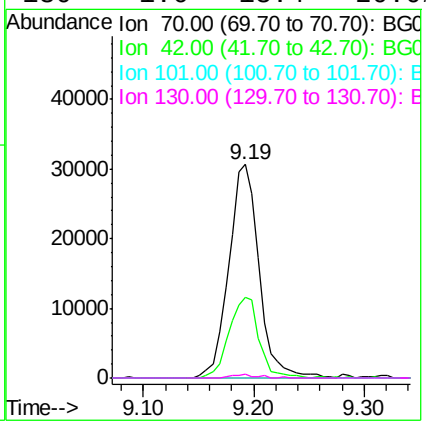


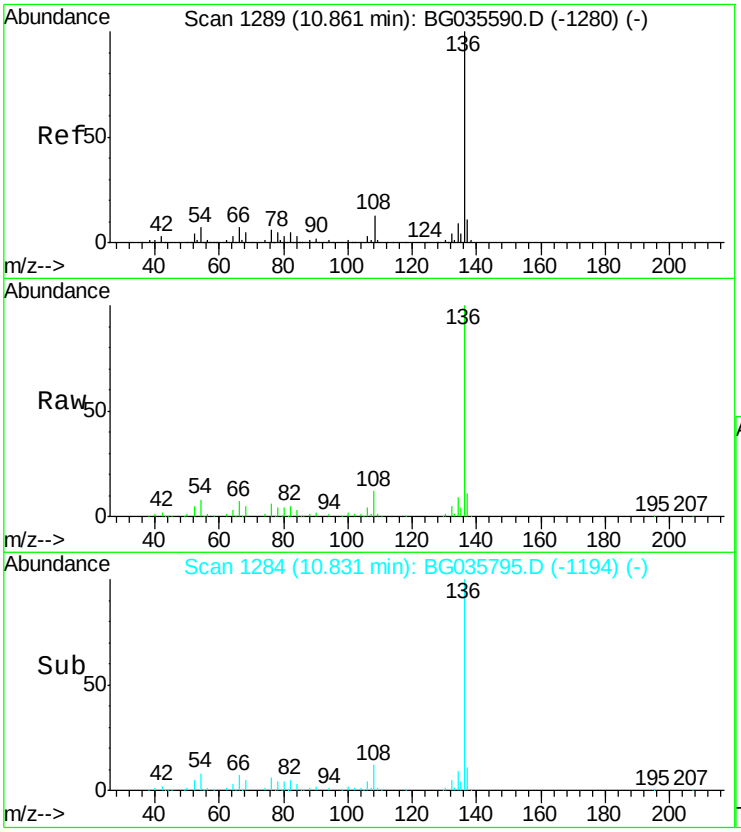


#19
n-Nitroso-di-n-propylamine
Concen: 15.172 ng
RT: 9.19 min Scan# 1005
Delta R.T. 0.36 min
Lab File: BG035795.D
Acq: 20 Jul 2018 22:02

Tgt Ion: 70 Resp: 58777

Ion	Ratio	Lower	Upper
70	100		
42	37.6	49.1	73.7#
101	0.0	8.5	12.7#
130	1.6	13.4	20.0#



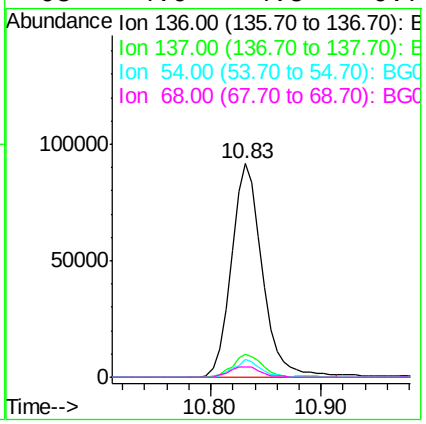


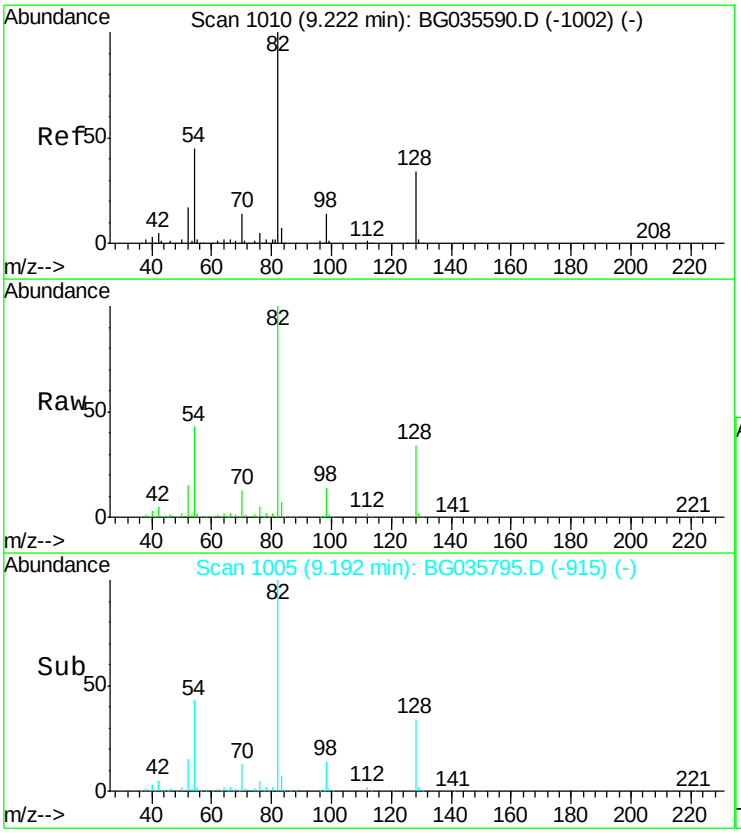
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BG035795.D
Acq: 20 Jul 2018 22:02

Instrument :
BNA_G
ClientSampleId :
MW3

Tgt Ion:136 Resp: 179621

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	8.2	10.3	15.5#
68	4.9	4.5	6.7

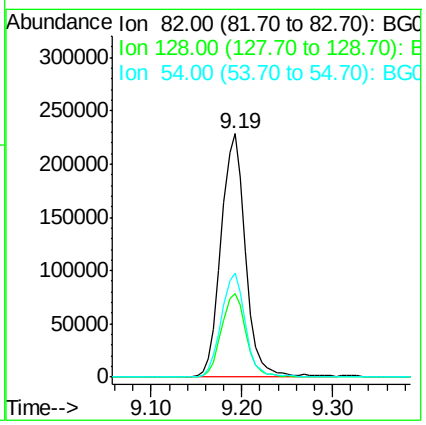


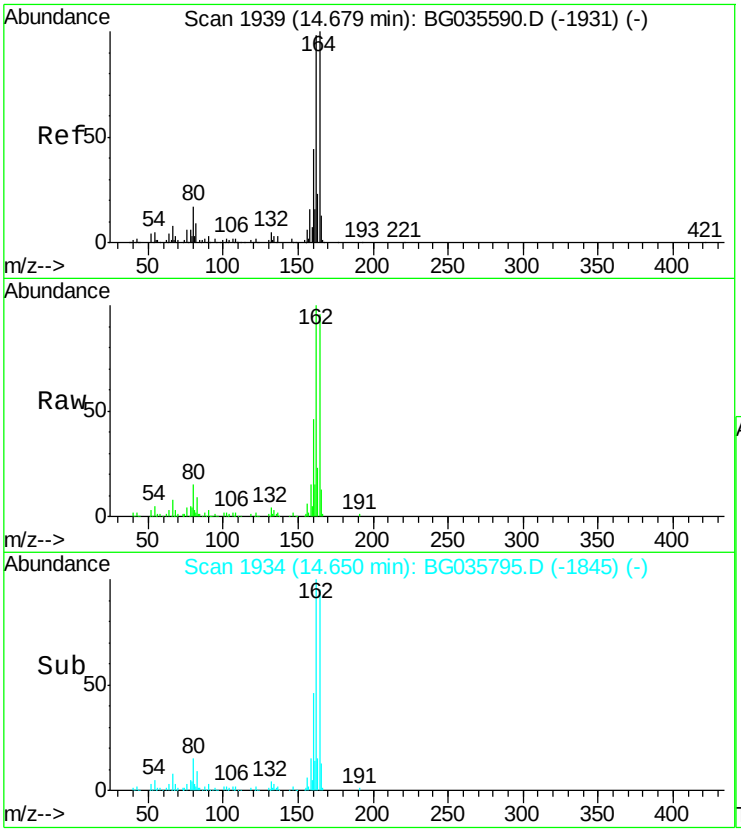


#23
Nitrobenzene-d5
Concen: 99.880 ng
RT: 9.19 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BG035795.D
Acq: 20 Jul 2018 22:02

Tgt Ion: 82 Resp: 429459

Ion	Ratio	Lower	Upper
82	100		
128	34.2	29.7	44.5
54	42.6	43.1	64.7#



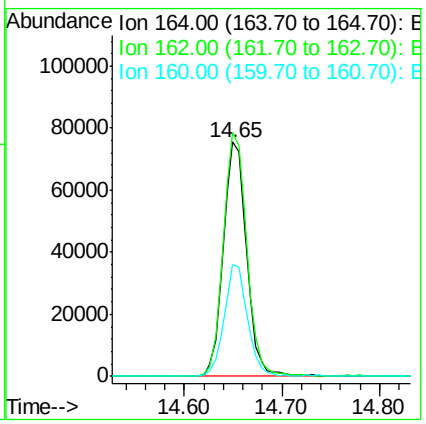


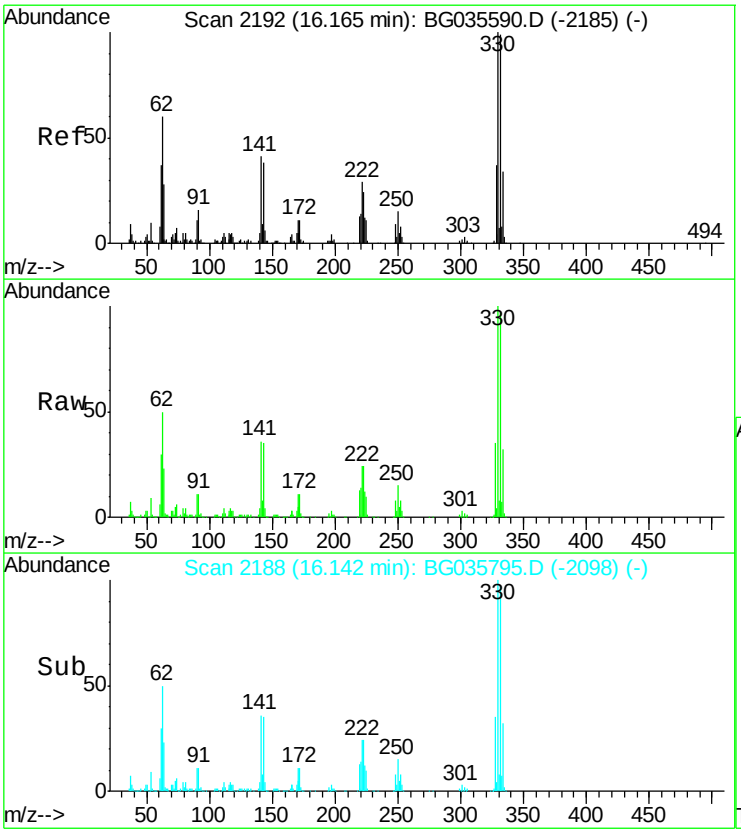
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BG035795.D
Acq: 20 Jul 2018 22:02

Instrument :
BNA_G
ClientSampleId :
MW3

Tgt Ion:164 Resp: 124971

Ion	Ratio	Lower	Upper
164	100		
162	103.8	78.8	118.2
160	47.7	35.4	53.0

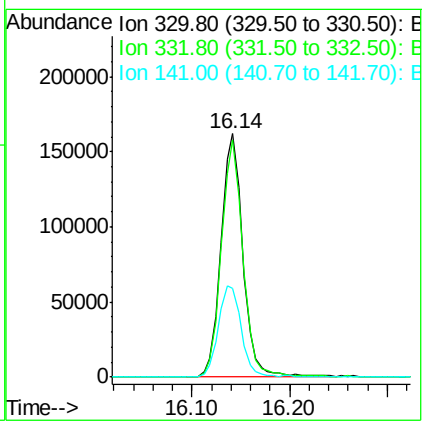


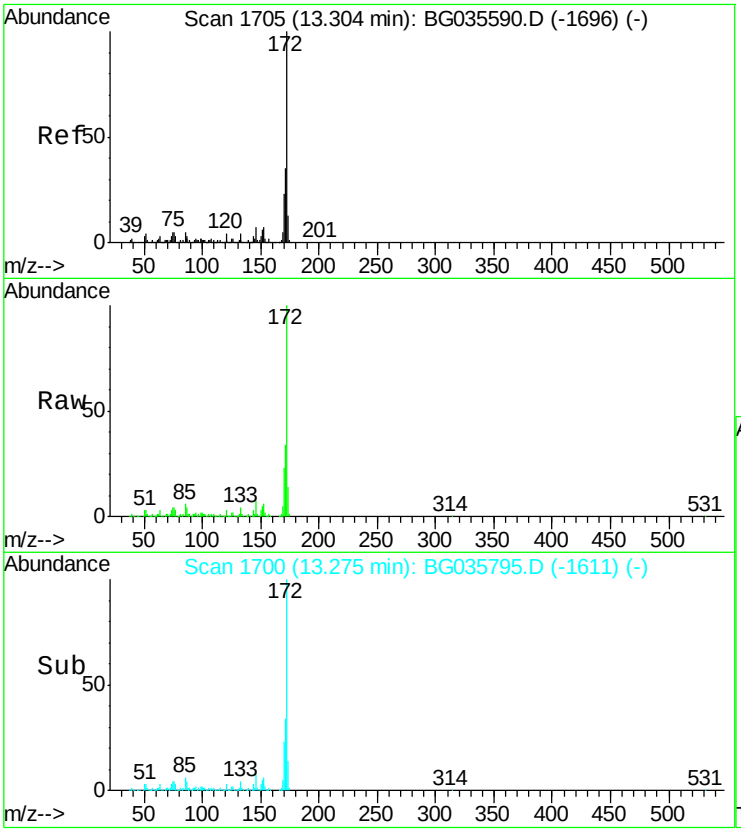


#41
2,4,6-Tribromophenol
Concen: 152.816 ng
RT: 16.14 min Scan# 2188
Delta R.T. 0.00 min
Lab File: BG035795.D
Acq: 20 Jul 2018 22:02

Tgt Ion:330 Resp: 251719

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	39.2	25.2	37.8#



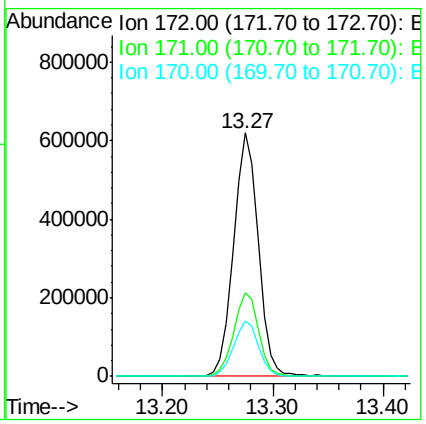


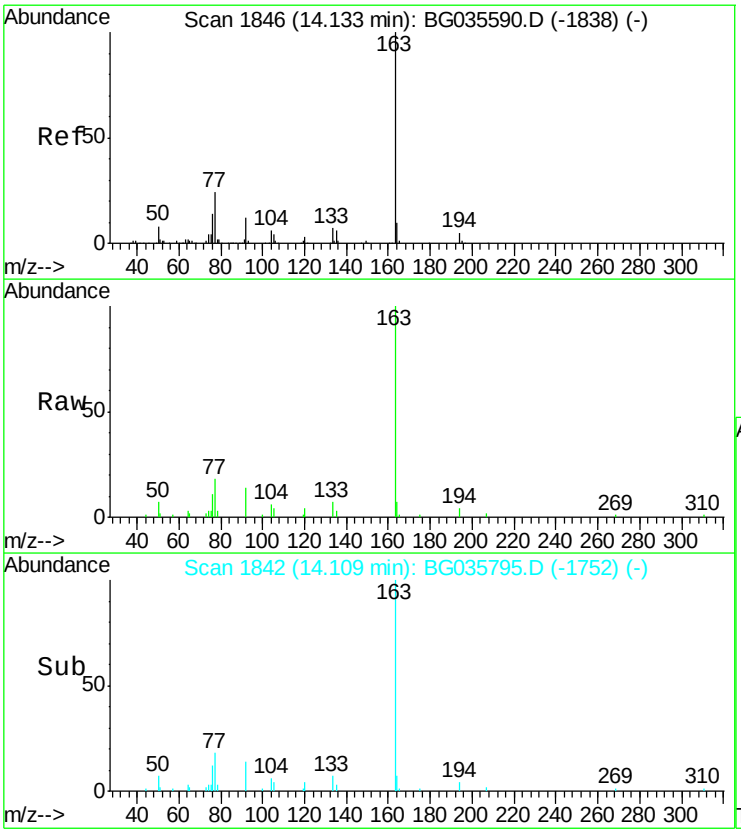
#44
2-Fluorobiphenyl
Concen: 104.680 ng
RT: 13.27 min Scan# 1700
Delta R.T. -0.00 min
Lab File: BG035795.D
Acq: 20 Jul 2018 22:02

Instrument :
BNA_G
ClientSampleId :
MW3

Tgt Ion:172 Resp: 976452

Ion	Ratio	Lower	Upper
172	100		
171	34.3	30.0	45.0
170	22.8	19.5	29.3

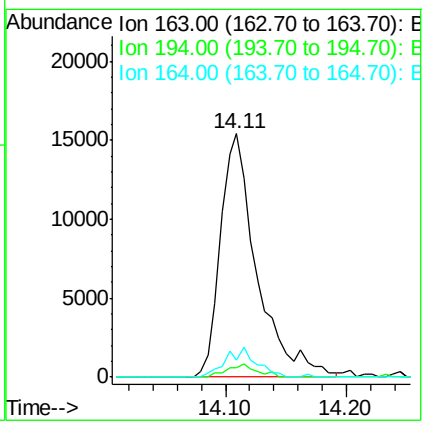


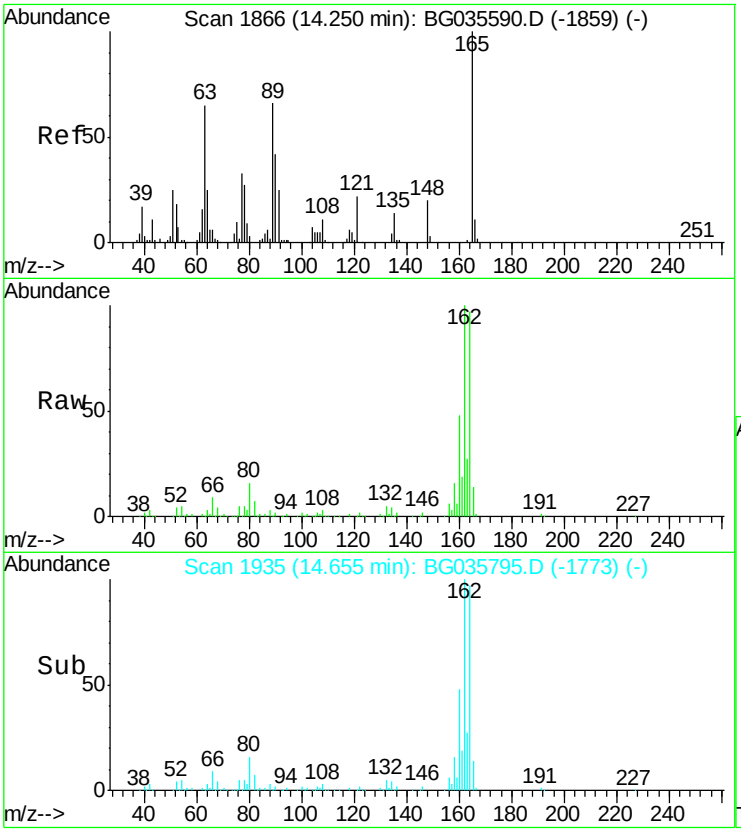


#49
Dimethylphthalate
Concen: 2.932 ng
RT: 14.11 min Scan# 1842
Delta R.T. 0.00 min
Lab File: BG035795.D
Acq: 20 Jul 2018 22:02

Tgt Ion:163 Resp: 32099

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.2
164	7.1	8.2	12.4#



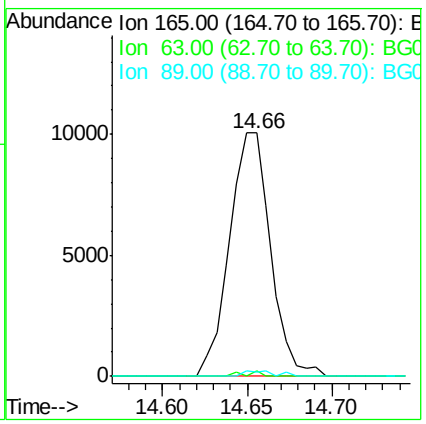


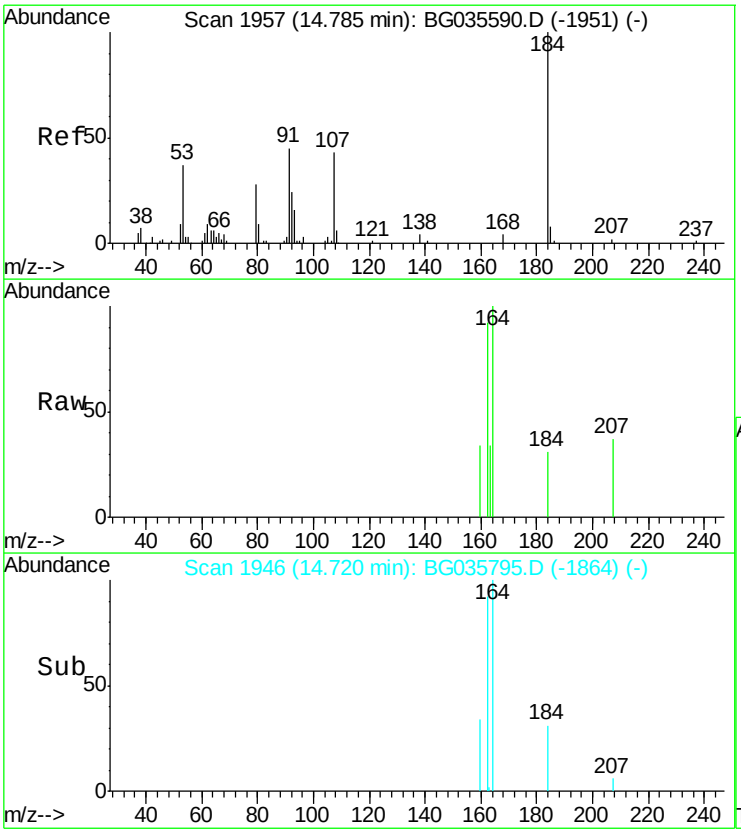
#50
2,6-Dinitrotoluene
Concen: 7.637 ng
RT: 14.66 min Scan# 1935
Delta R.T. 0.42 min
Lab File: BG035795.D
Acq: 20 Jul 2018 22:02

Instrument :
BNA_G
ClientSampleId :
MW3

Tgt Ion:165 Resp: 17029

Ion	Ratio	Lower	Upper
165	100		
63	2.3	52.7	79.1#
89	1.7	49.2	73.8#

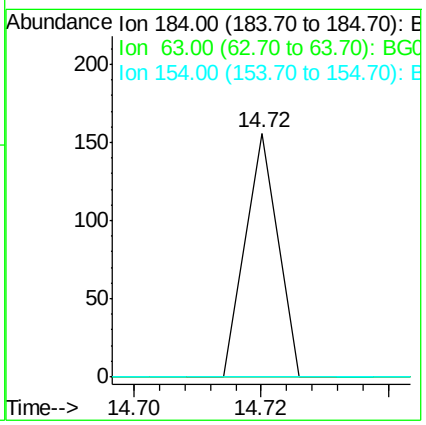


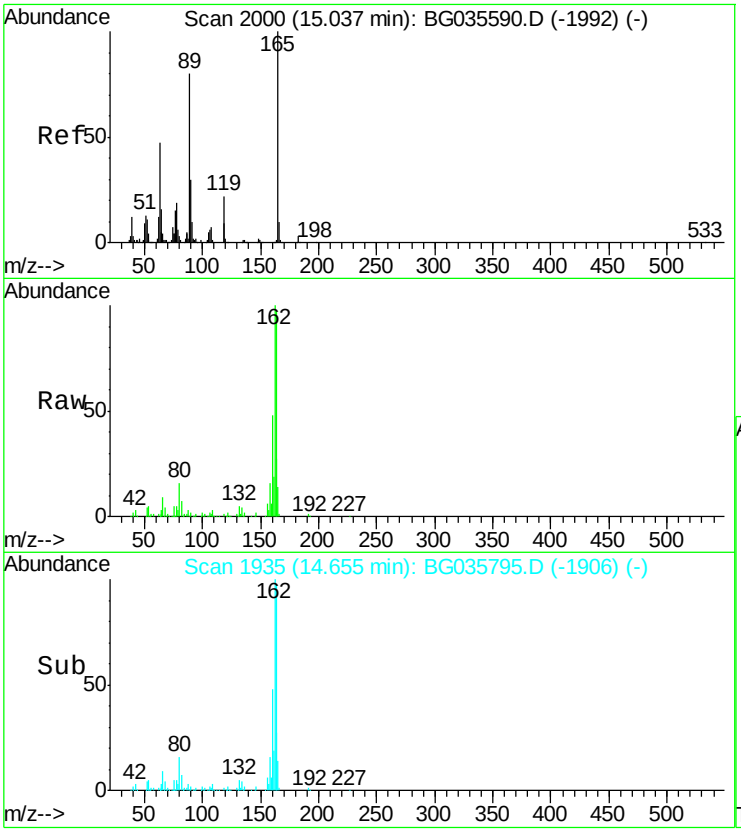


#53
2,4-Dinitrophenol
Concen: 6.626 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.05 min
Lab File: BG035795.D
Acq: 20 Jul 2018 22:02

Tgt Ion:184 Resp: 55

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



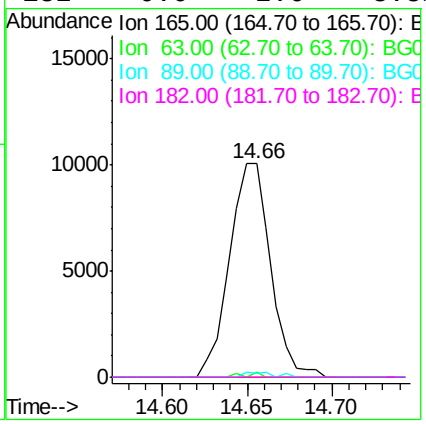


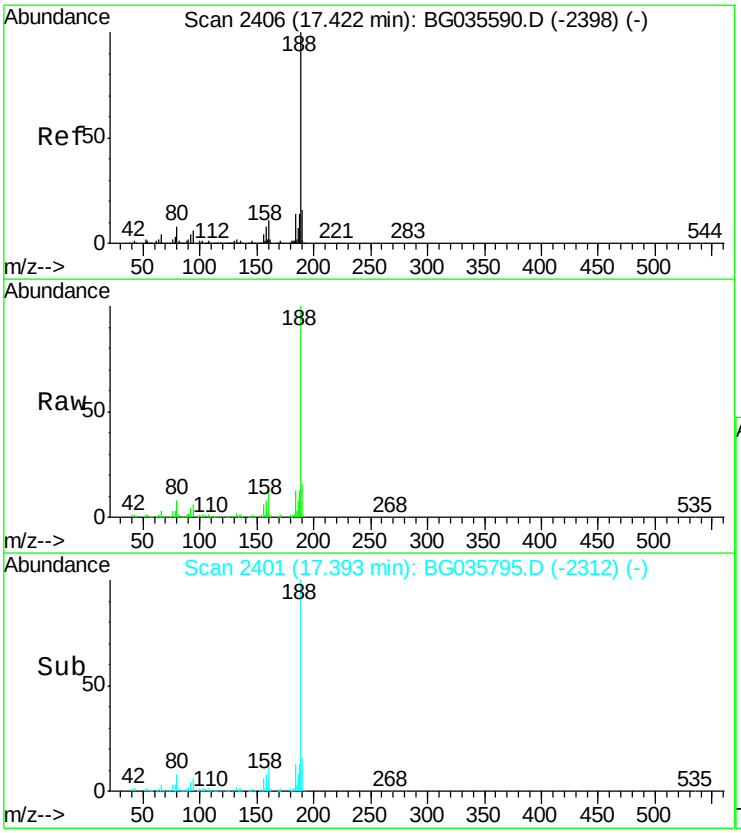
#56
2,4-Dinitrotoluene
Concen: 5.324 ng
RT: 14.66 min Scan# 1935
Delta R.T. -0.36 min
Lab File: BG035795.D
Acq: 20 Jul 2018 22:02

Instrument :
BNA_G
ClientSampleId :
MW3

Tgt Ion:165 Resp: 17029

Ion	Ratio	Lower	Upper
165	100		
63	2.3	42.0	63.0#
89	1.7	66.9	100.3#
182	0.0	2.6	3.8#

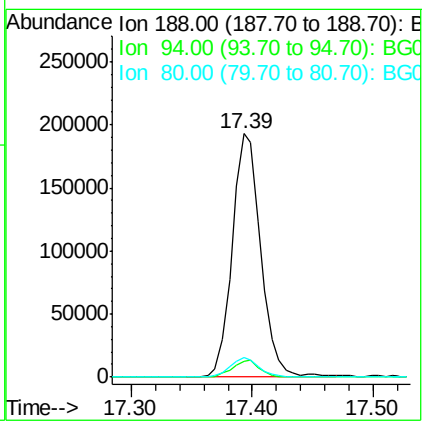


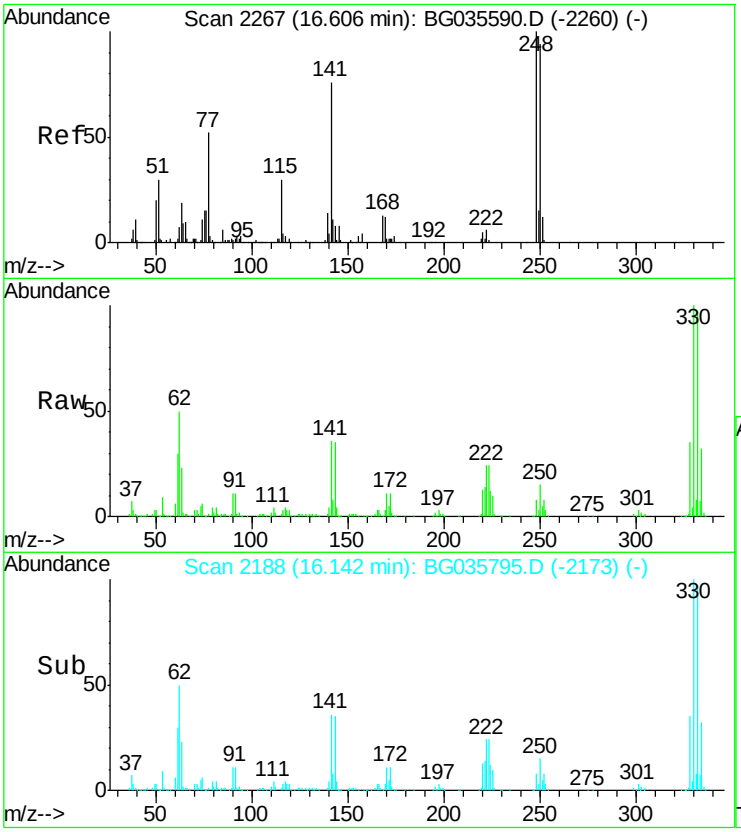


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BG035795.D
Acq: 20 Jul 2018 22:02

Tgt Ion:188 Resp: 317287

Ion	Ratio	Lower	Upper
188	100		
94	6.3	6.9	10.3#
80	8.1	7.7	11.5



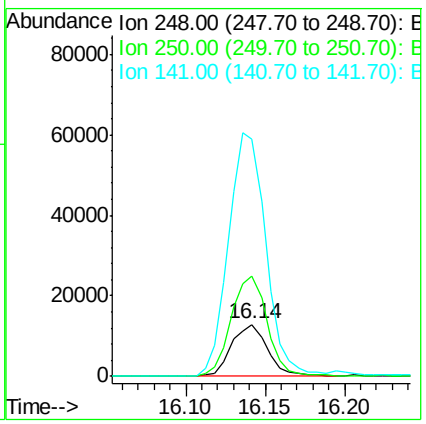


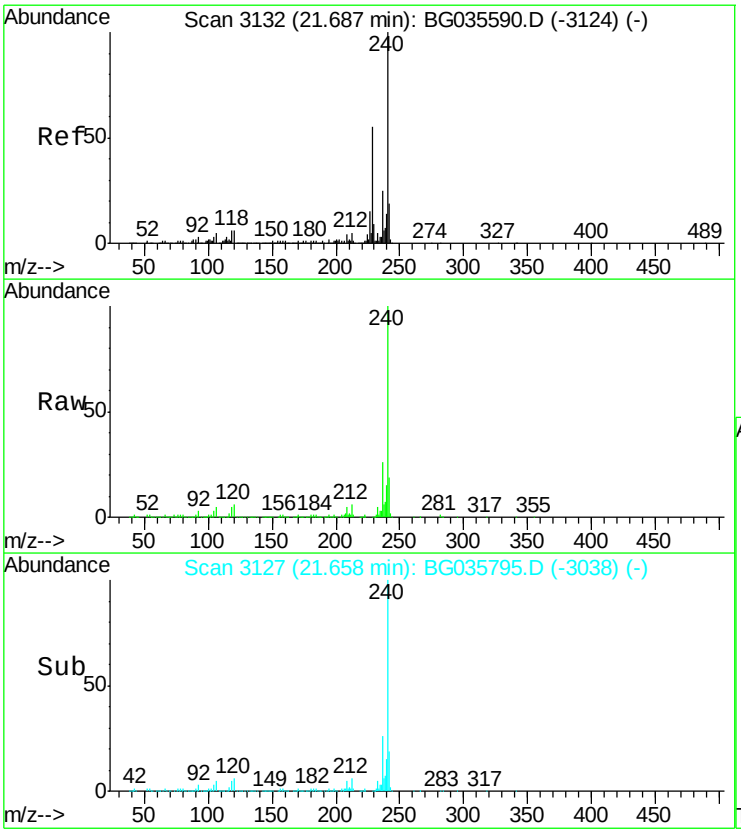
#66
4-Bromophenyl-phenylether
Concen: 5.505 ng
RT: 16.14 min Scan# 2188
Delta R.T. -0.44 min
Lab File: BG035795.D
Acq: 20 Jul 2018 22:02

Instrument :
BNA_G
ClientSampleId :
MW3

Tgt Ion:248 Resp: 20266

Ion	Ratio	Lower	Upper
248	100		
250	193.0	77.1	115.7#
141	453.9	50.8	76.2#

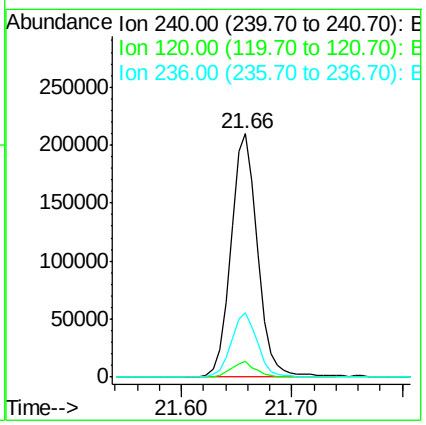


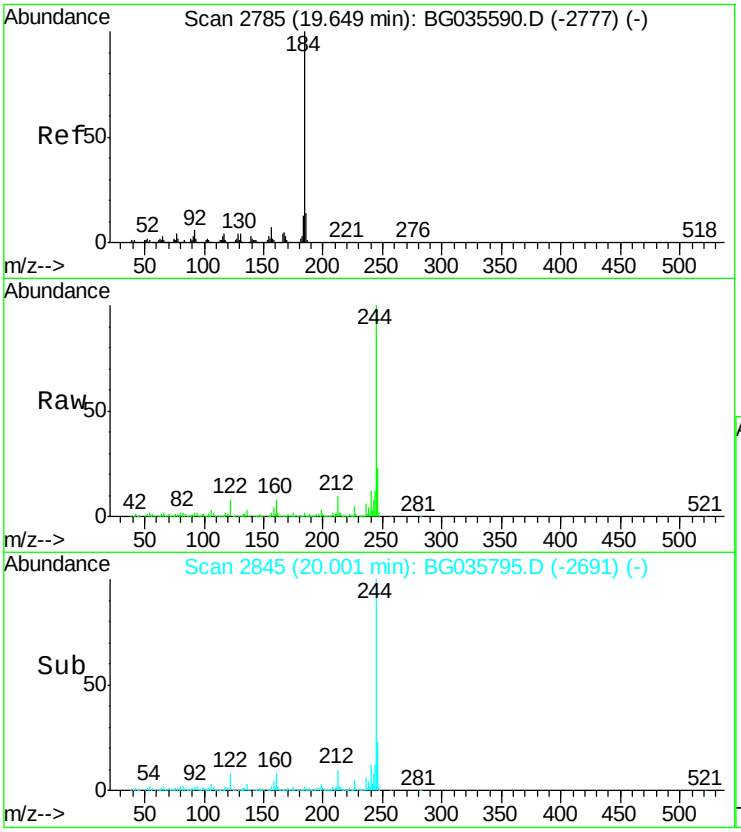


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.00 min
Lab File: BG035795.D
Acq: 20 Jul 2018 22:02

Tgt Ion:240 Resp: 354751

Ion	Ratio	Lower	Upper
240	100		
120	6.5	6.8	10.2#
236	26.2	20.9	31.3



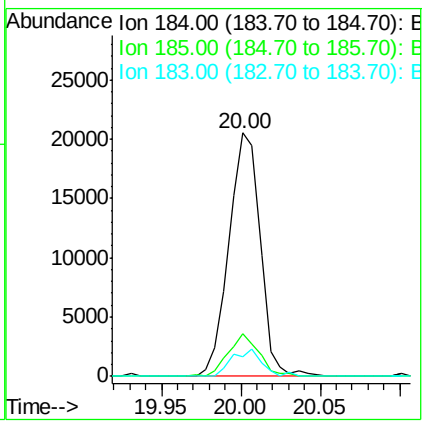


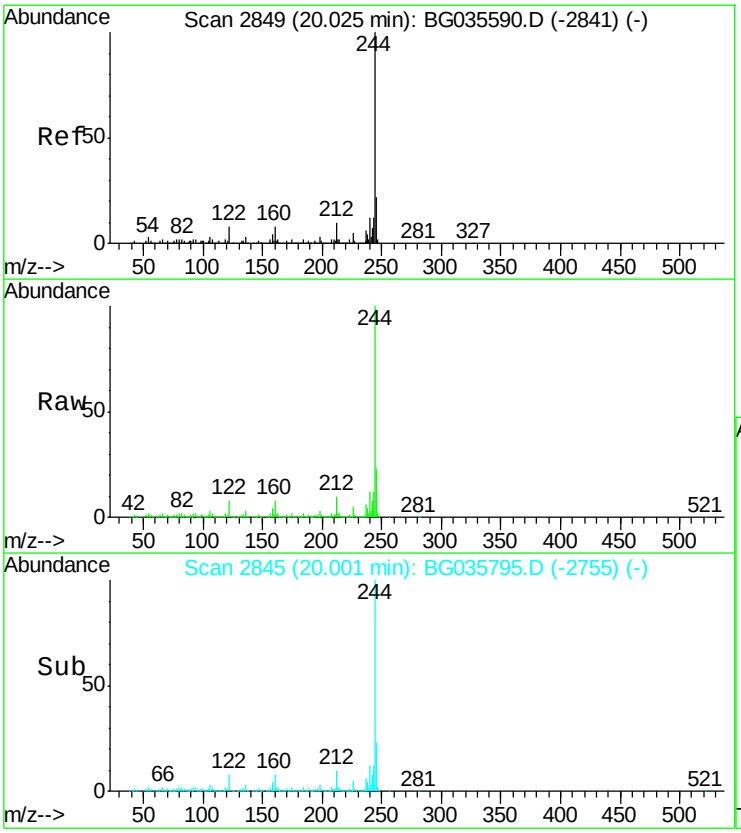
#76
Benzidine
Concen: 3.002 ng
RT: 20.00 min Scan# 2845
Delta R.T. 0.38 min
Lab File: BG035795.D
Acq: 20 Jul 2018 22:02

Instrument :
BNA_G
ClientSampleId :
MW3

Tgt Ion:184 Resp: 28001

Ion	Ratio	Lower	Upper
184	100		
185	17.8	11.1	16.7#
183	7.8	10.6	16.0#

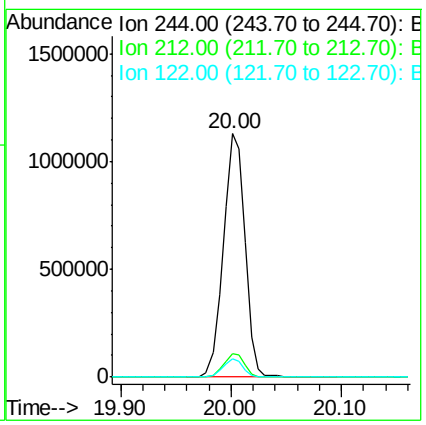


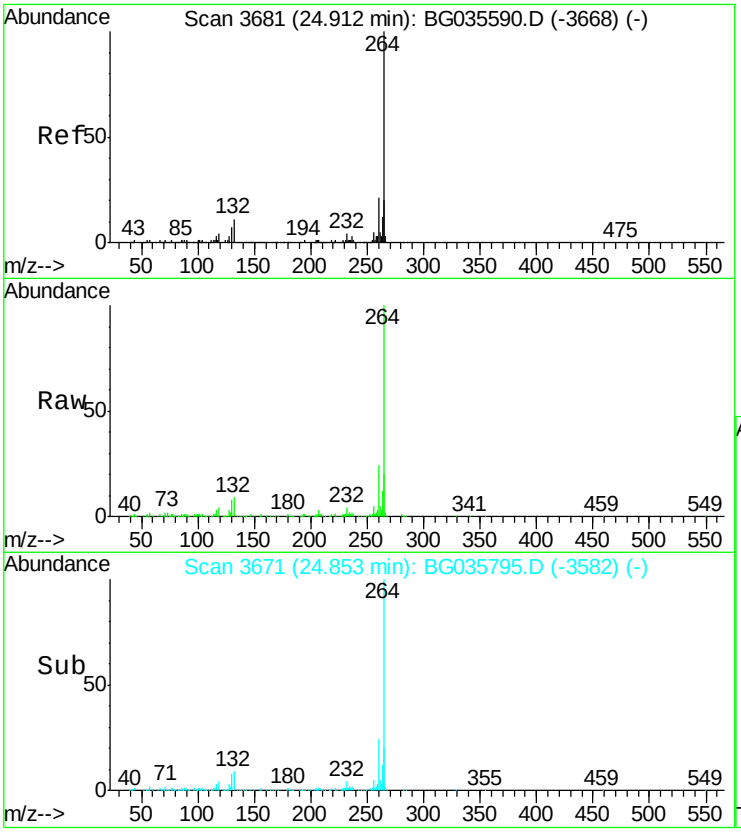


#78
Terphenyl-d14
Concen: 96.398 ng
RT: 20.00 min Scan# 2845
Delta R.T. 0.00 min
Lab File: BG035795.D
Acq: 20 Jul 2018 22:02

Tgt Ion:244 Resp: 1551382

Ion	Ratio	Lower	Upper
244	100		
212	9.8	5.8	8.8#
122	7.7	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3671
Delta R.T. -0.00 min
Lab File: BG035795.D
Acq: 20 Jul 2018 22:02

Instrument :
BNA_G
ClientSampleId :
MW3

Tgt Ion:264 Resp: 347109

Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.4	26.0
265	20.0	17.7	26.5