Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072418\
Data File : BG035841.D
Acq On : 24 Jul 2018 10:34
Operator : JU/SJ
Sample : PB111227BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jul 24 14:48:37 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 24 14:48:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	46593	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	172732	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	122860	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	347955	20.00	ng	0.00
75) Chrysene-d12	21.66	240	412629	20.00	ng	0.00
86) Perylene-d12	24.85	264	384248	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	386884	137.86	ng	0.00
7) Phenol-d6	7.20	99	554873	132.52	ng	0.00
23) Nitrobenzene-d5	9.19	82	348076	84.18	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	251719	155.44	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	826302	90.11	ng	0.00
78) Terphenyl-d14	20.00	244	1633946	87.29	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.19	70	49637	14.078	ng	# 70
50) 2,6-Dinitrotoluene	14.65	165	16570	7.559	ng	# 19
56) 2,4-Dinitrotoluene	14.65	165	16570	5.269	ng	# 17
66) 4-Bromophenyl-phenylether	16.13	248	20754	5.141	ng	# 1
76) Benzidine	20.00	184	28148	2.595	ng	# 89

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

Quantitation Report (Not Reviewed)

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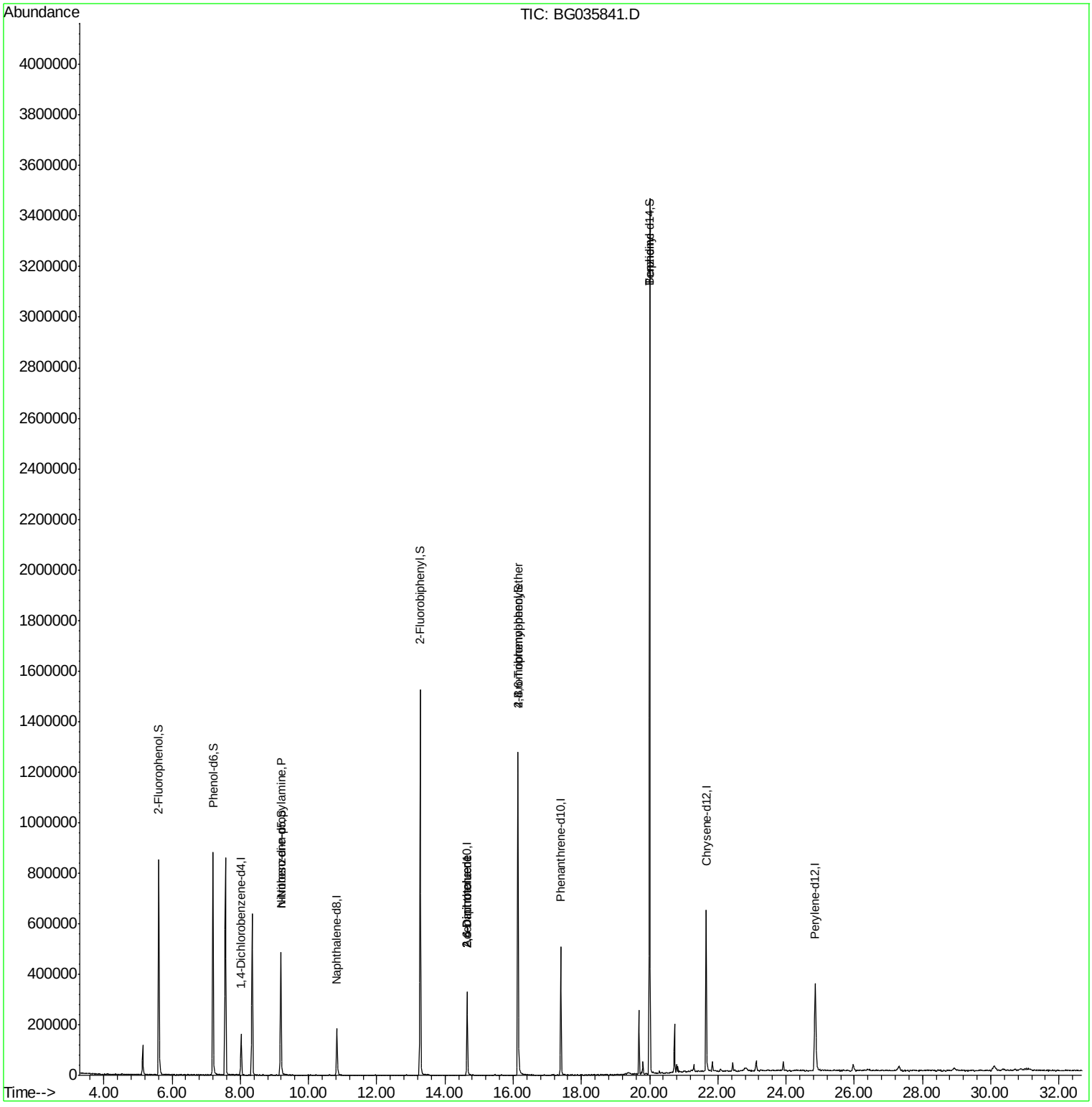
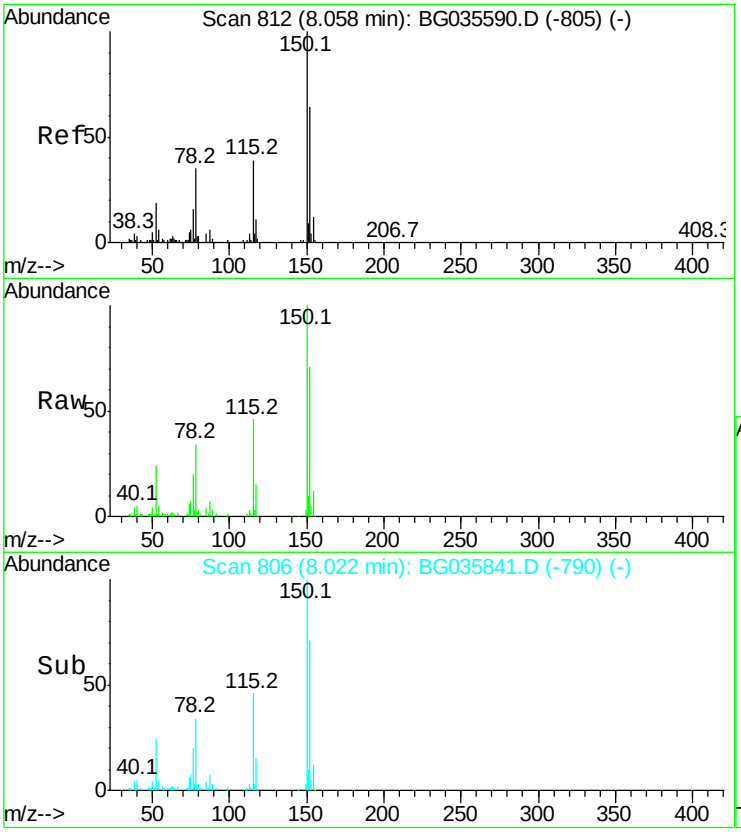


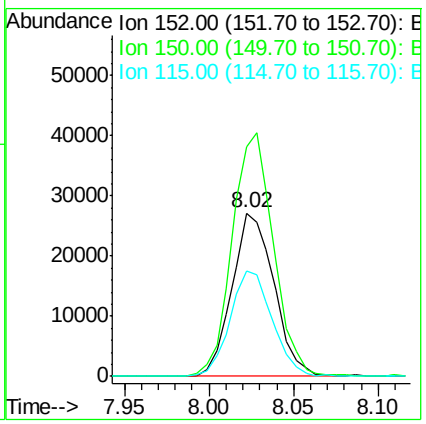


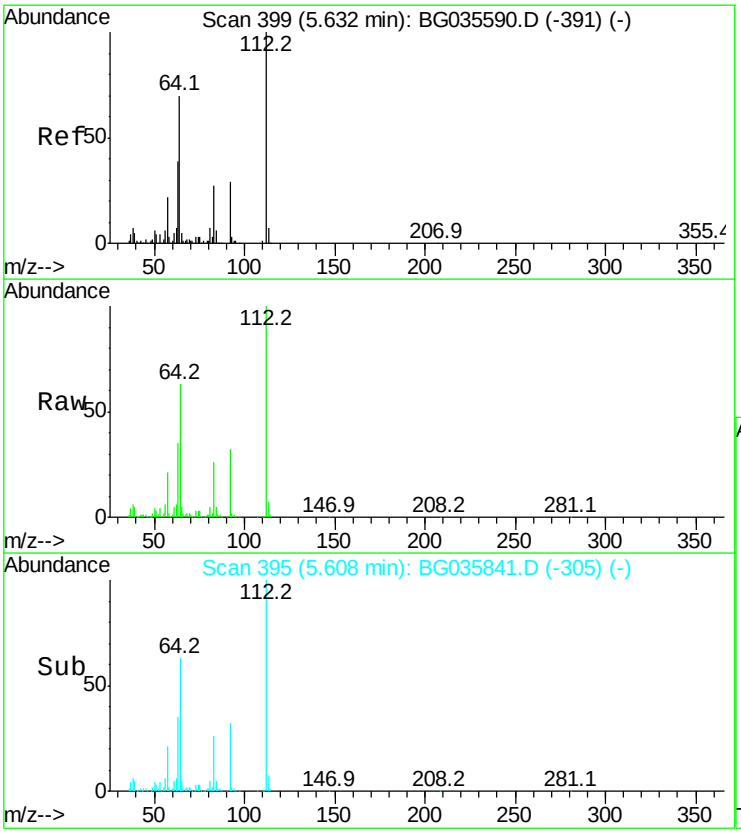
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 806
Delta R.T. -0.01 min
Lab File: BG035841.D
Acq: 24 Jul 2018 10:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 46593

Ion	Ratio	Lower	Upper
152	100		
150	140.2	126.6	189.8
115	64.7	53.0	79.4

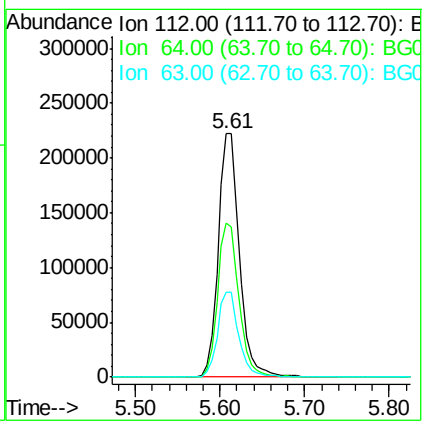


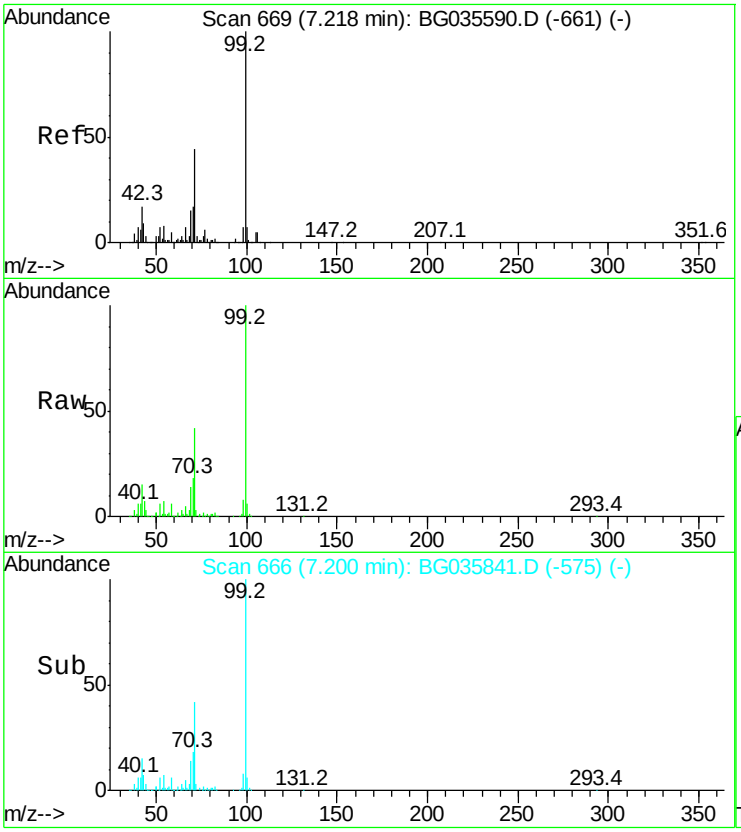


#5
2-Fluorophenol
Concen: 137.857 ng
RT: 5.61 min Scan# 395
Delta R.T. -0.00 min
Lab File: BG035841.D
Acq: 24 Jul 2018 10:34

Tgt Ion:112 Resp: 386884

Ion	Ratio	Lower	Upper
112	100		
64	63.1	56.3	84.5
63	34.9	30.1	45.1



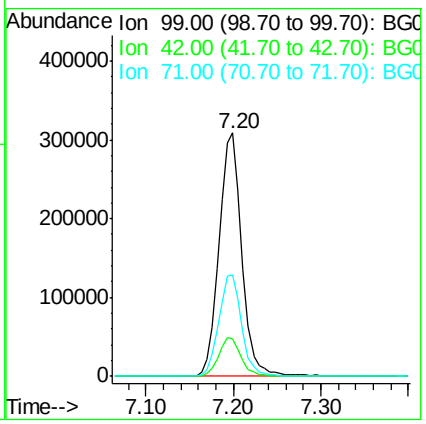


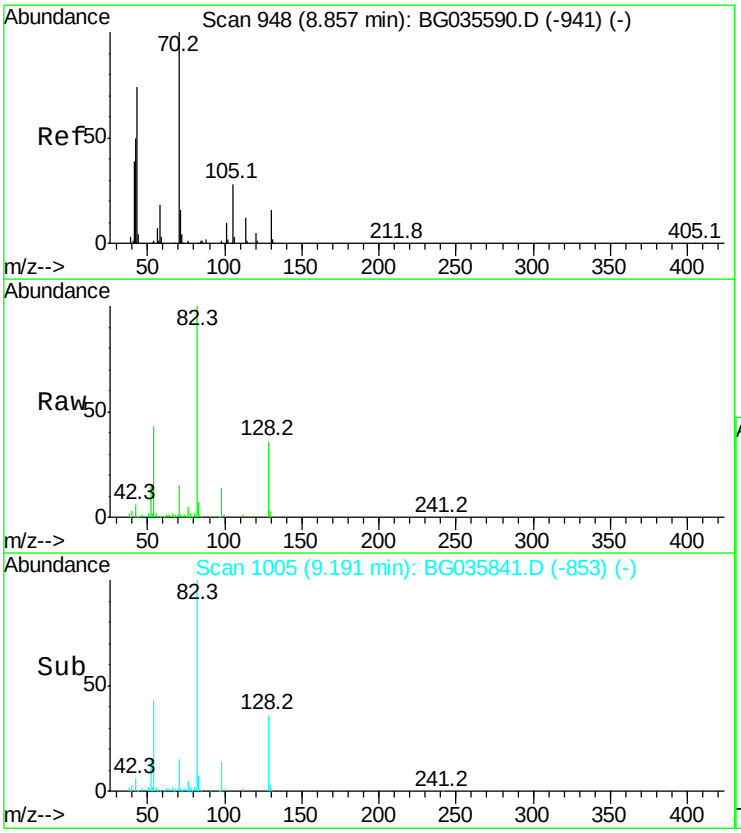
#7
Phenol-d6
Concen: 132.519 ng
RT: 7.20 min Scan# 666
Delta R.T. 0.01 min
Lab File: BG035841.D
Acq: 24 Jul 2018 10:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 554873

Ion	Ratio	Lower	Upper
99	100		
42	15.2	14.1	21.1
71	41.9	26.1	39.1#

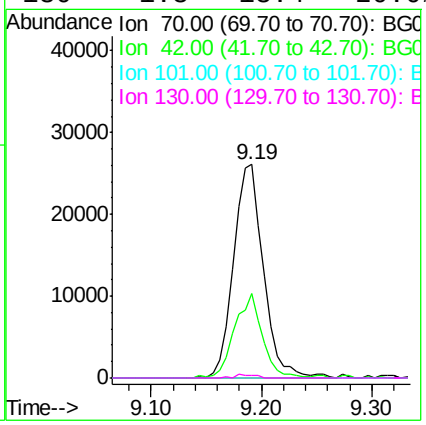


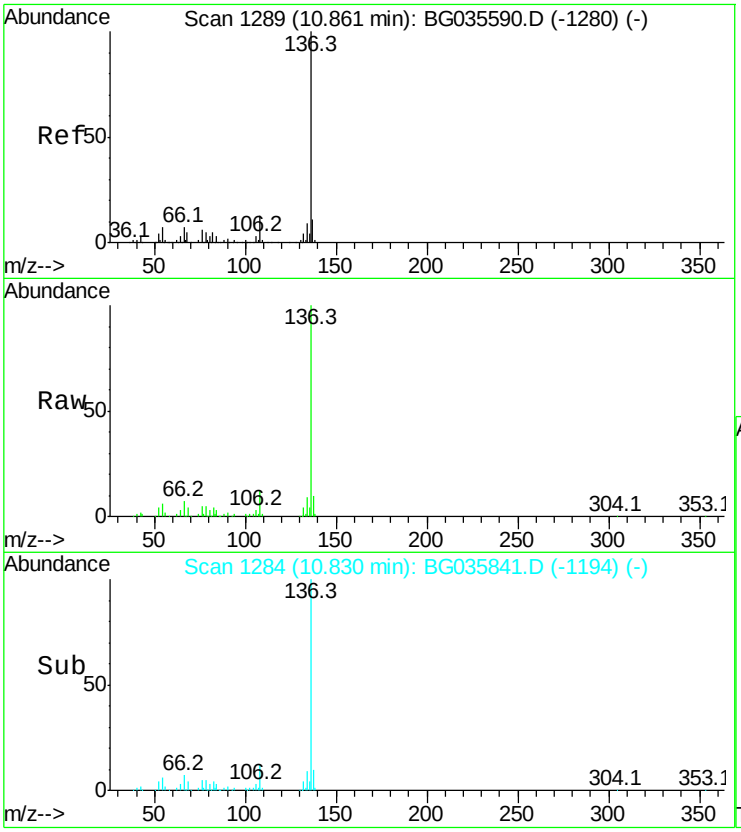


#19
n-Nitroso-di-n-propylamine
Concen: 14.078 ng
RT: 9.19 min Scan# 1005
Delta R.T. 0.36 min
Lab File: BG035841.D
Acq: 24 Jul 2018 10:34

Tgt Ion: 70 Resp: 49637

Ion	Ratio	Lower	Upper
70	100		
42	39.3	49.1	73.7#
101	0.0	8.5	12.7#
130	1.3	13.4	20.0#



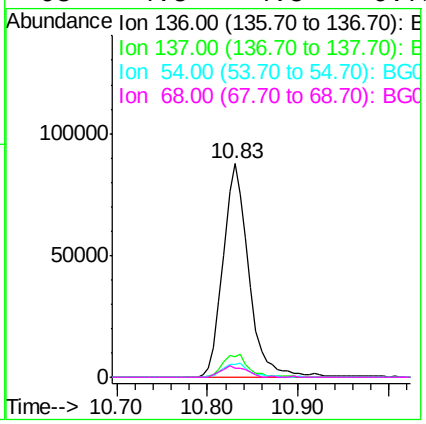


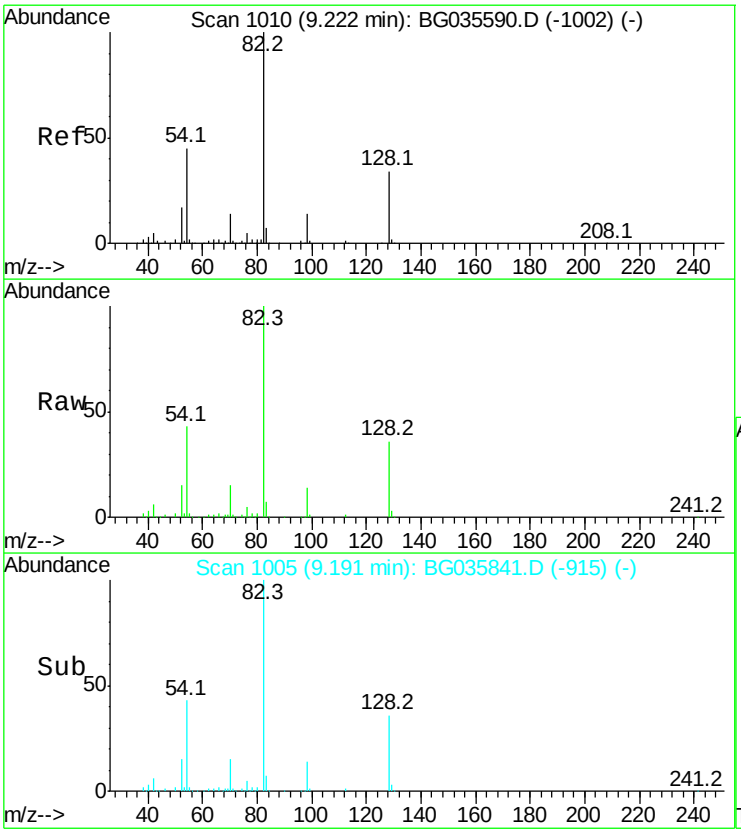
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BG035841.D
Acq: 24 Jul 2018 10:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 172732

Ion	Ratio	Lower	Upper
136	100		
137	9.7	9.2	13.8
54	5.9	10.3	15.5#
68	4.5	4.5	6.7#

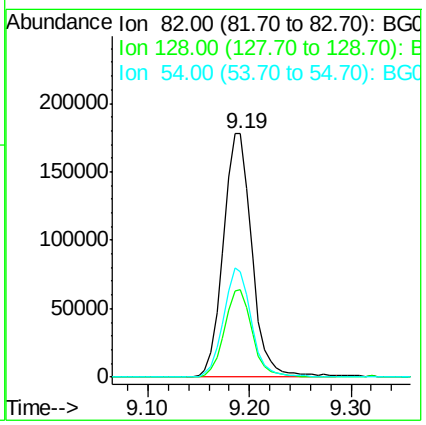


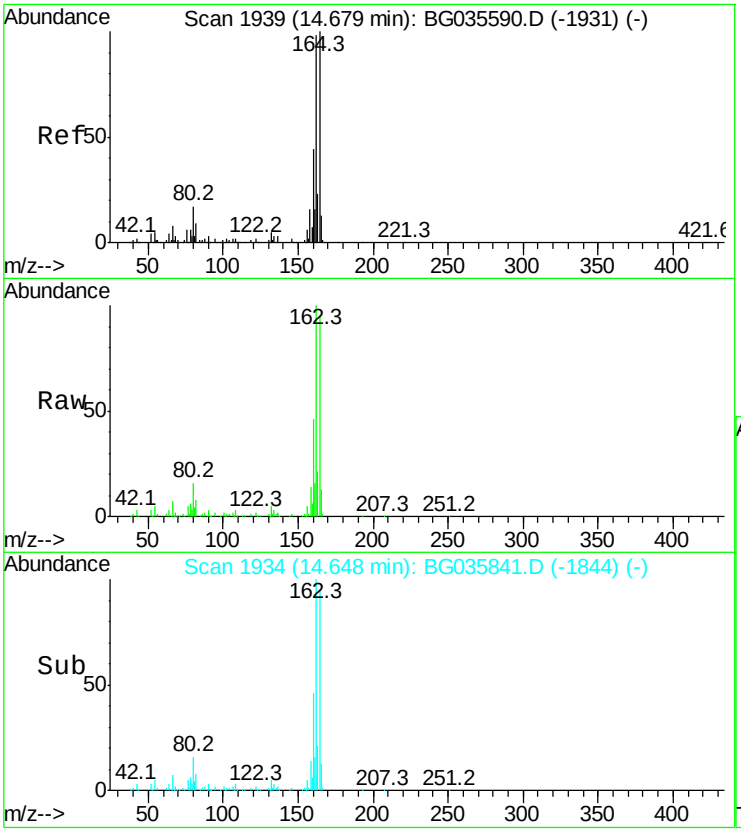


#23
Nitrobenzene-d5
Concen: 84.181 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BG035841.D
Acq: 24 Jul 2018 10:34

Tgt Ion: 82 Resp: 348076

Ion	Ratio	Lower	Upper
82	100		
128	36.1	29.7	44.5
54	43.4	43.1	64.7



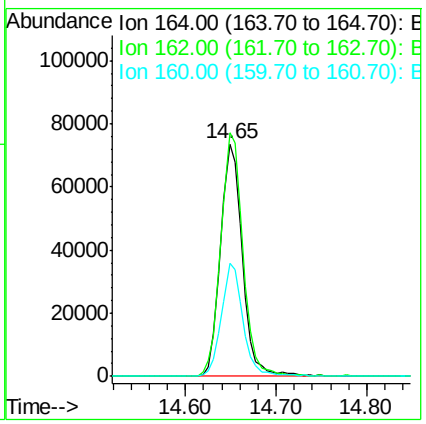


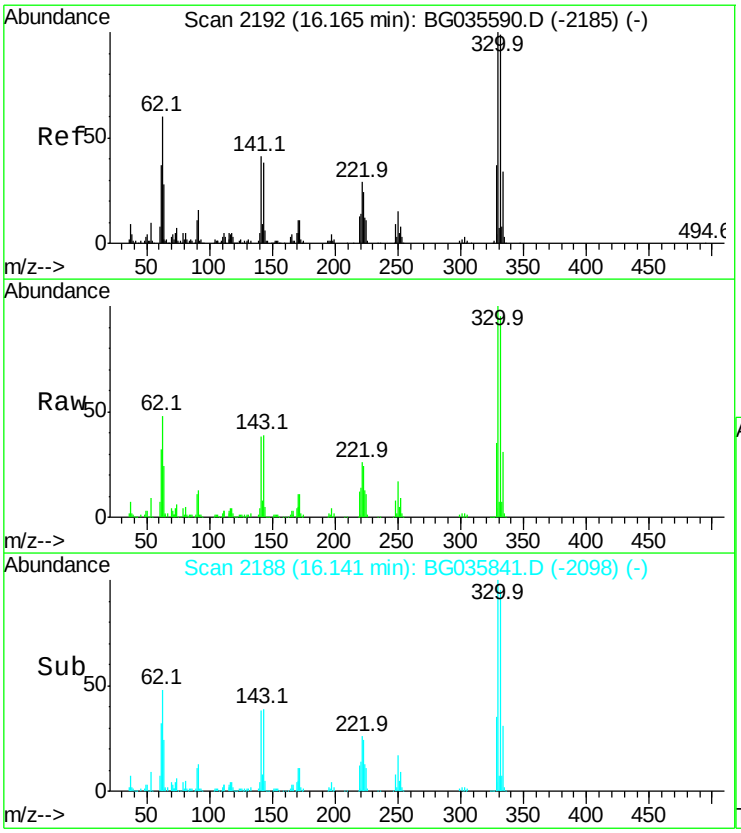
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BG035841.D
Acq: 24 Jul 2018 10:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 122860

Ion	Ratio	Lower	Upper
164	100		
162	104.9	78.8	118.2
160	48.7	35.4	53.0

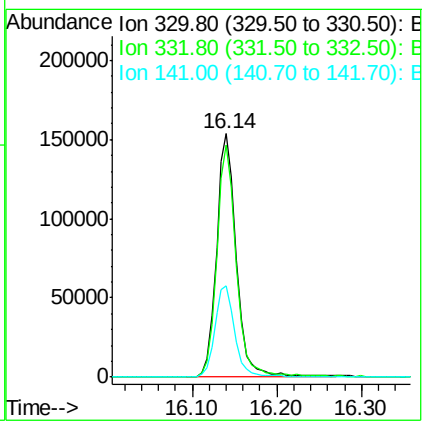


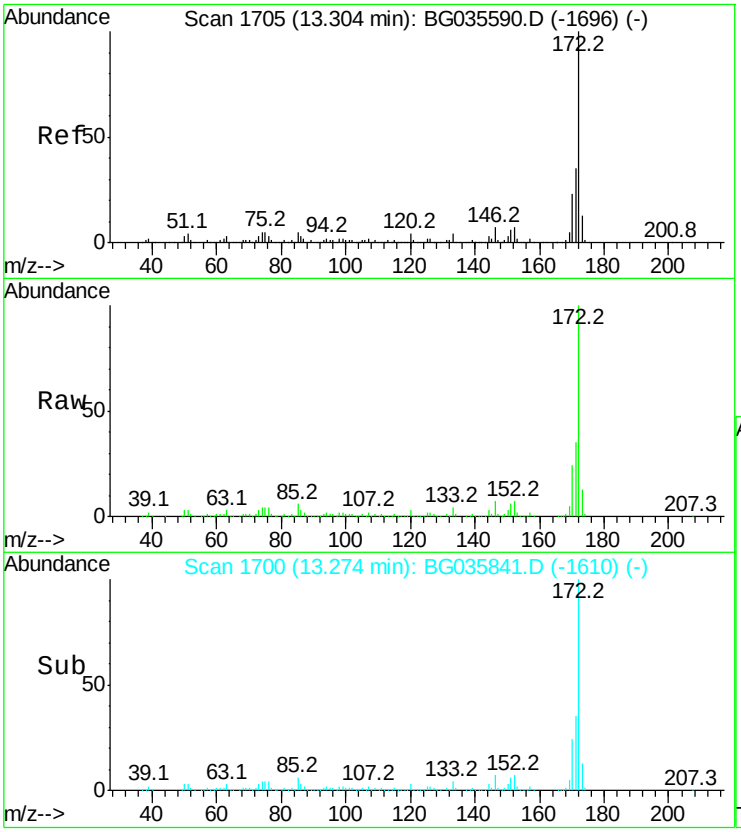


#41
2,4,6-Tribromophenol
Concen: 155.442 ng
RT: 16.14 min Scan# 2188
Delta R.T. -0.00 min
Lab File: BG035841.D
Acq: 24 Jul 2018 10:34

Tgt Ion:330 Resp: 251719

Ion	Ratio	Lower	Upper
330	100		
332	94.0	77.0	115.6
141	37.9	25.2	37.8#



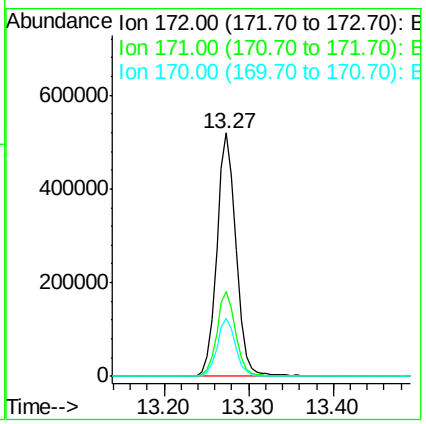


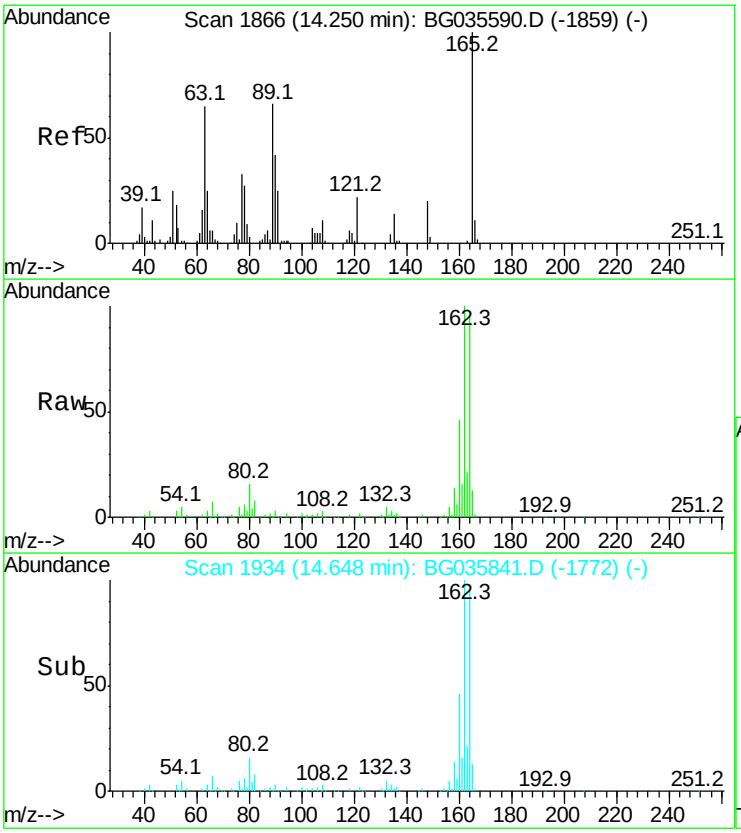
#44
2-Fluorobiphenyl
Concen: 90.105 ng
RT: 13.27 min Scan# 1700
Delta R.T. -0.00 min
Lab File: BG035841.D
Acq: 24 Jul 2018 10:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 826302

Ion	Ratio	Lower	Upper
172	100		
171	35.0	30.0	45.0
170	23.6	19.5	29.3

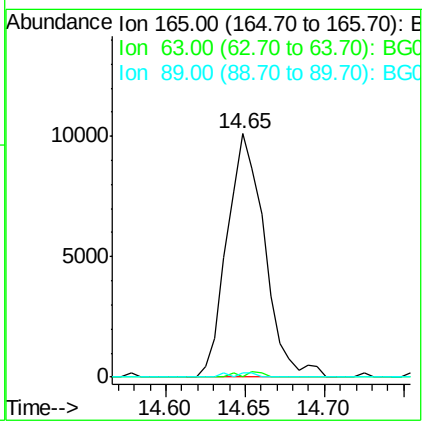


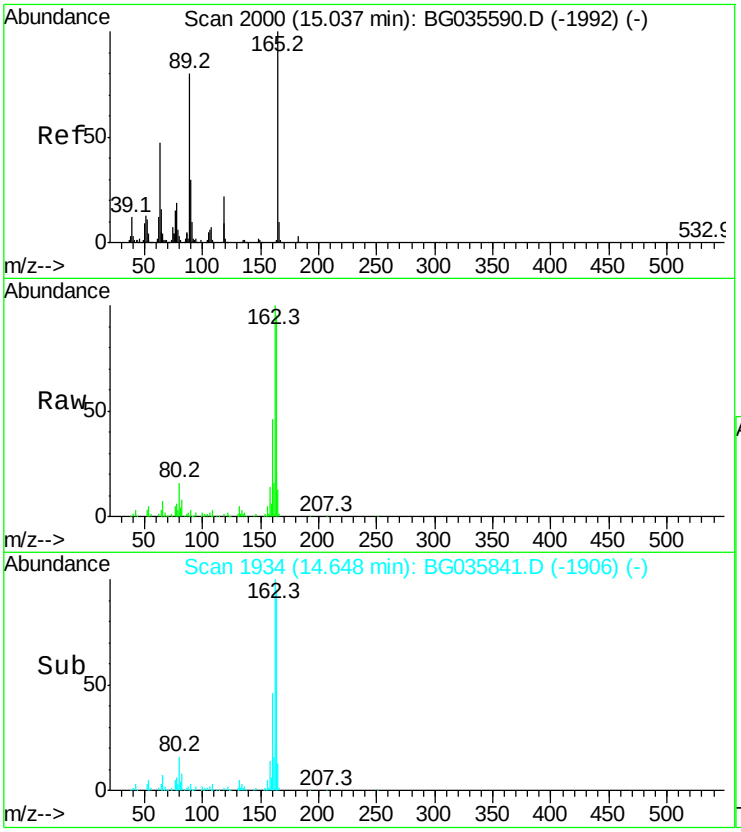


#50
2,6-Dinitrotoluene
Concen: 7.559 ng
RT: 14.65 min Scan# 1934
Delta R.T. 0.42 min
Lab File: BG035841.D
Acq: 24 Jul 2018 10:34

Tgt Ion:165 Resp: 16570

Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	1.5	49.2	73.8#



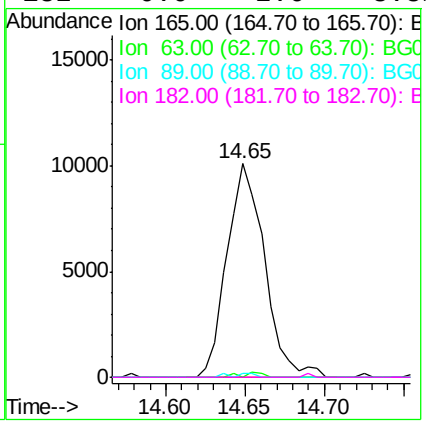


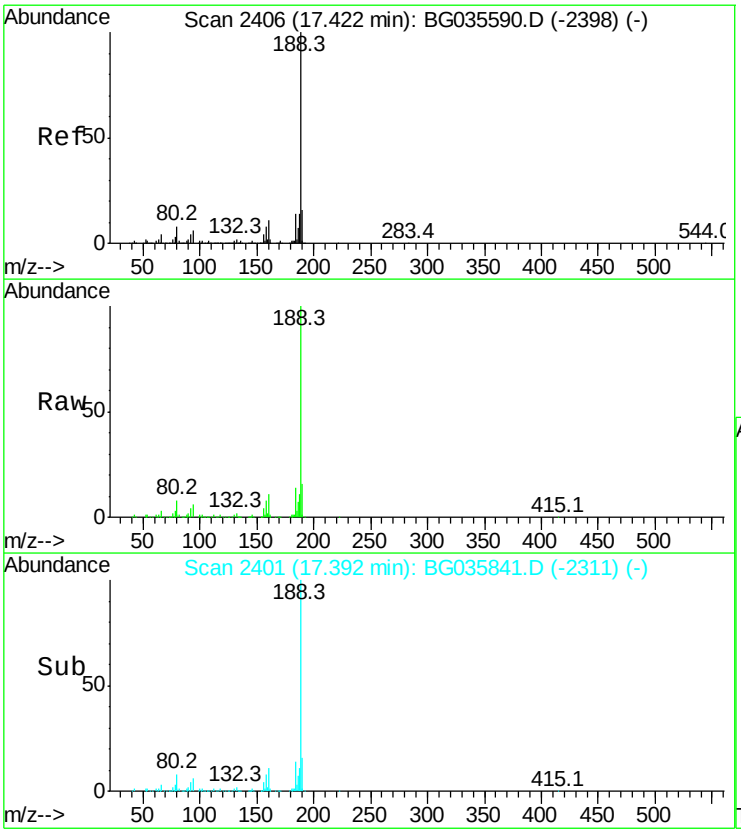
#56
2,4-Dinitrotoluene
Concen: 5.269 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.36 min
Lab File: BG035841.D
Acq: 24 Jul 2018 10:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 16570

Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	1.5	66.9	100.3#
182	0.0	2.6	3.8#

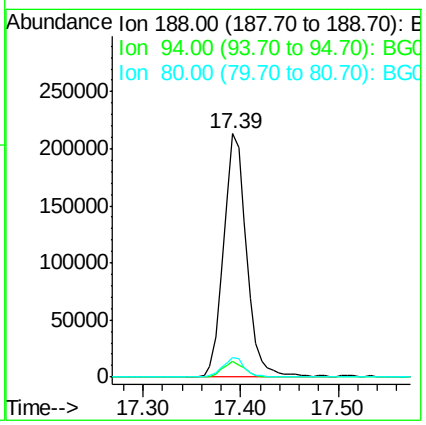


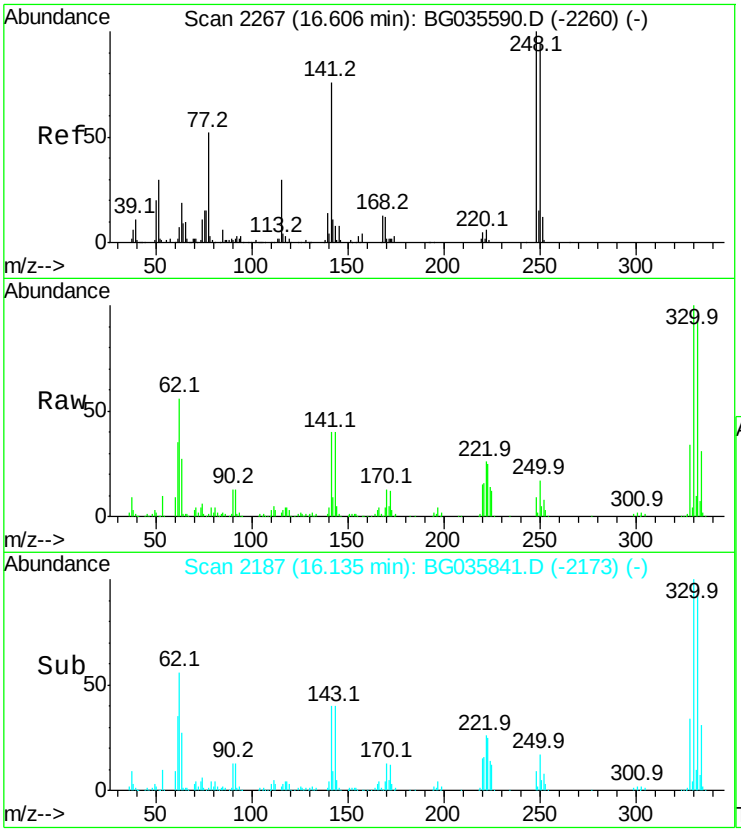


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BG035841.D
Acq: 24 Jul 2018 10:34

Tgt Ion:188 Resp: 347955

Ion	Ratio	Lower	Upper
188	100		
94	6.5	6.9	10.3#
80	7.9	7.7	11.5



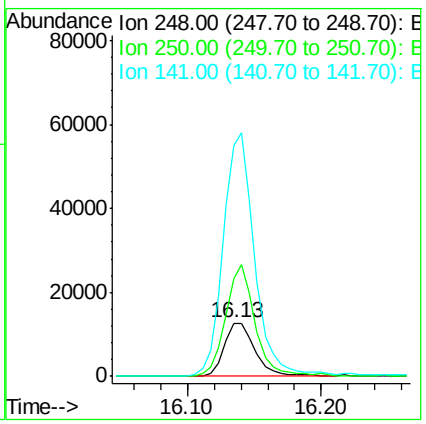


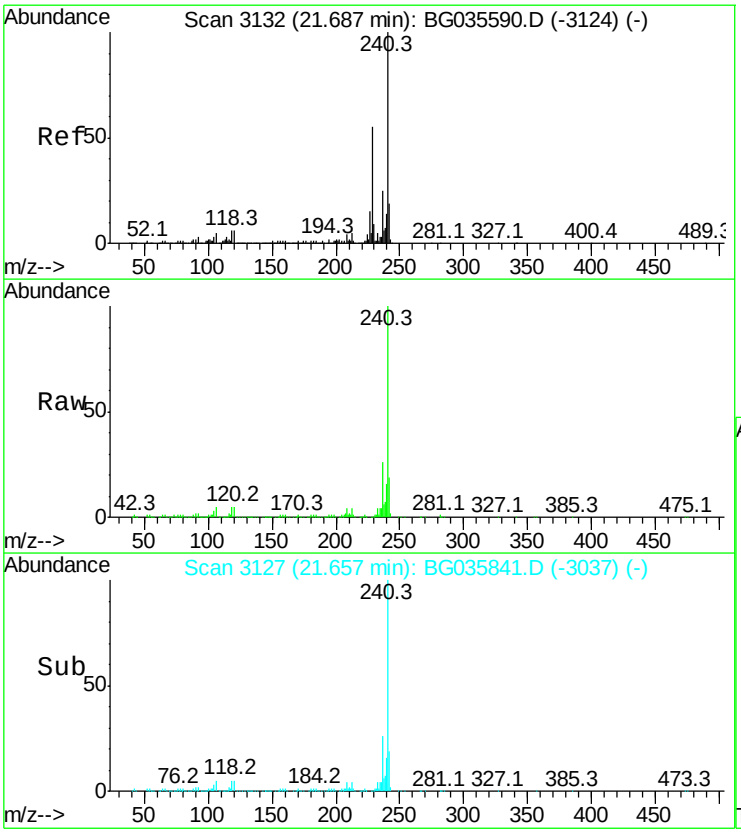
#66
4-Bromophenyl-phenylether
Concen: 5.141 ng
RT: 16.13 min Scan# 2187
Delta R.T. -0.45 min
Lab File: BG035841.D
Acq: 24 Jul 2018 10:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 20754

Ion	Ratio	Lower	Upper
248	100		
250	182.6	77.1	115.7#
141	431.6	50.8	76.2#

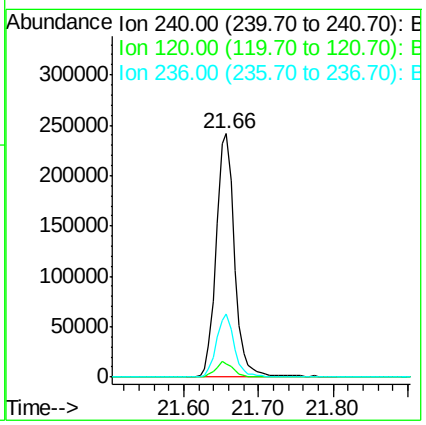


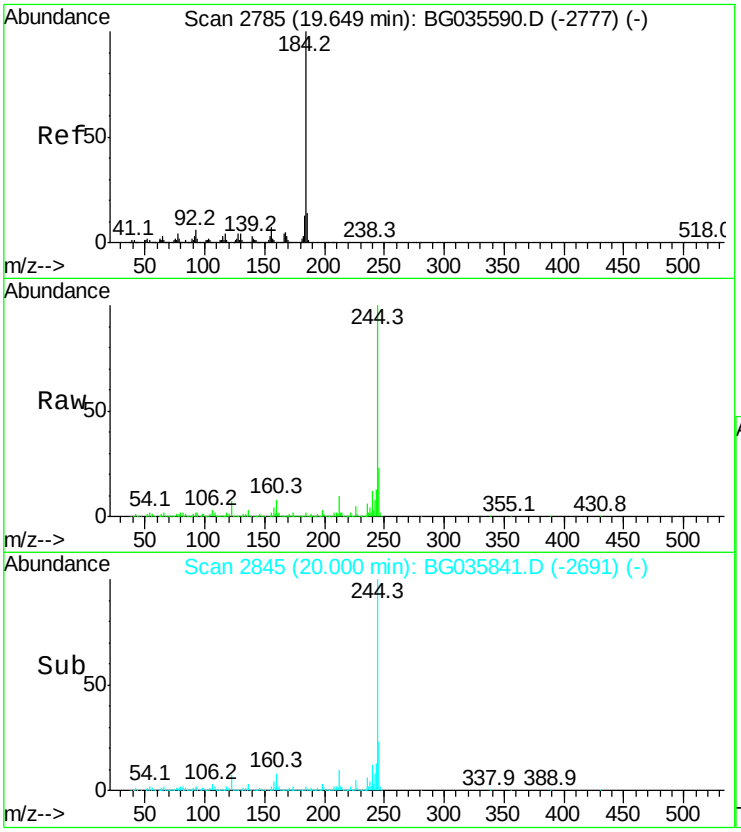


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.00 min
Lab File: BG035841.D
Acq: 24 Jul 2018 10:34

Tgt Ion:240 Resp: 412629

Ion	Ratio	Lower	Upper
240	100		
120	5.4	6.8	10.2#
236	26.1	20.9	31.3



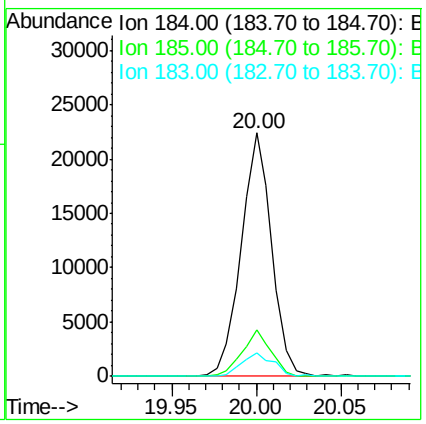


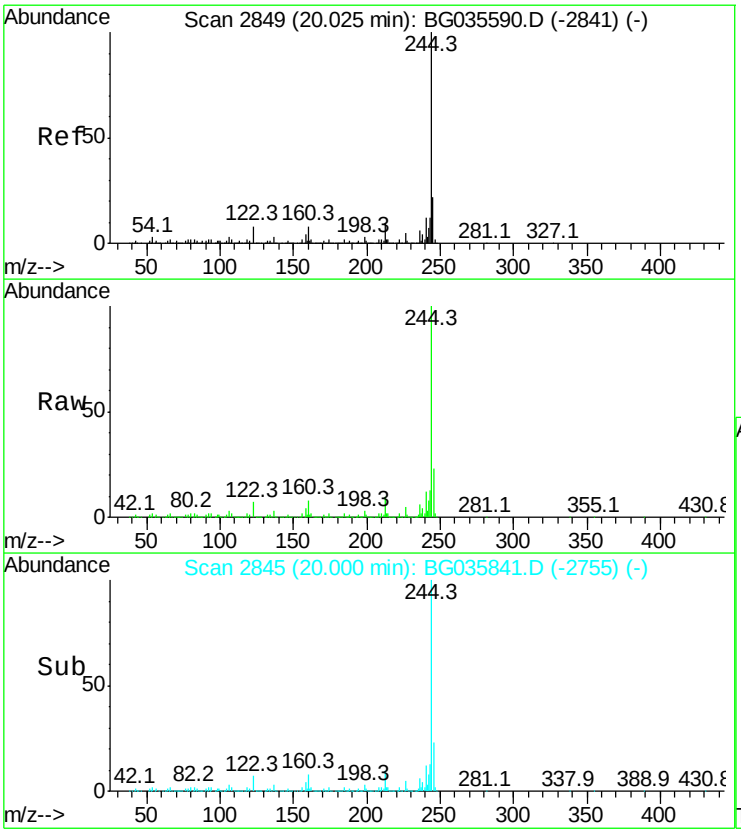
#76
Benzidine
Concen: 2.595 ng
RT: 20.00 min Scan# 2845
Delta R.T. 0.38 min
Lab File: BG035841.D
Acq: 24 Jul 2018 10:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 28148

Ion	Ratio	Lower	Upper
184	100		
185	19.0	11.1	16.7#
183	9.8	10.6	16.0#

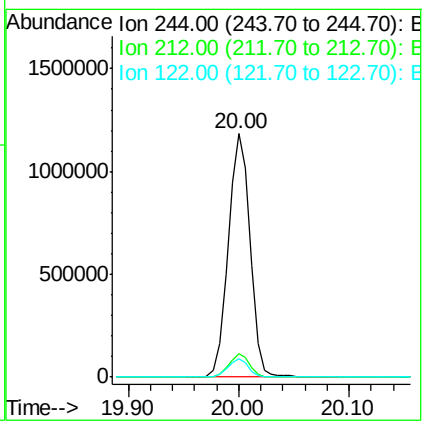


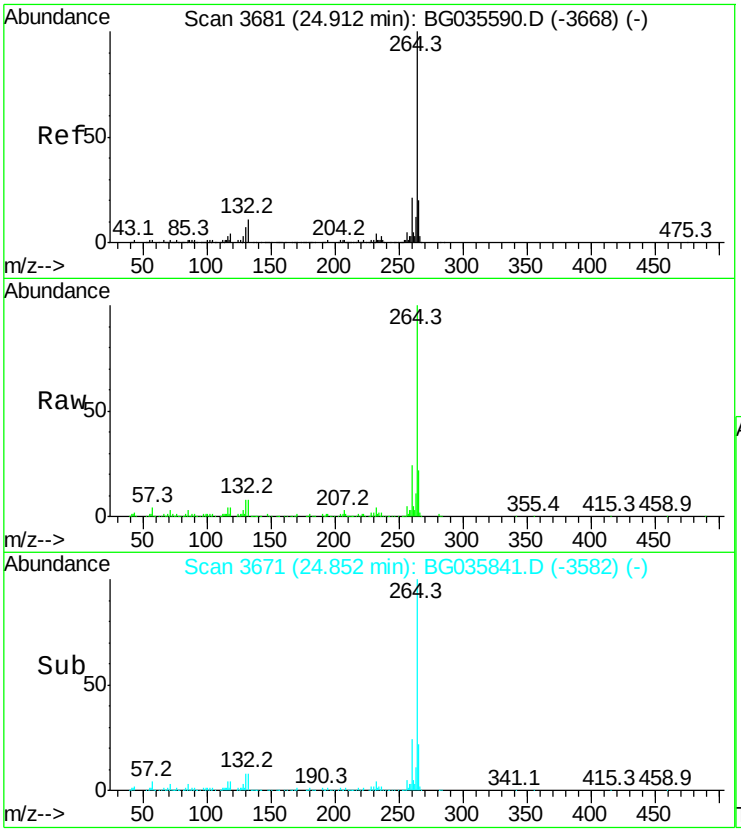


#78
Terphenyl-d14
Concen: 87.287 ng
RT: 20.00 min Scan# 2845
Delta R.T. -0.00 min
Lab File: BG035841.D
Acq: 24 Jul 2018 10:34

Tgt Ion:244 Resp: 1633946

Ion	Ratio	Lower	Upper
244	100		
212	9.6	5.8	8.8#
122	7.4	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3671
Delta R.T. -0.01 min
Lab File: BG035841.D
Acq: 24 Jul 2018 10:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 384248

Ion	Ratio	Lower	Upper
264	100		
260	24.3	17.4	26.0
265	21.8	17.7	26.5