Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081018\
Data File : BG036275.D
Acq On : 10 Aug 2018 20:02
Operator : JU/SJ
Sample : J4379-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-102D

Quant Time: Aug 10 23:06:48 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 31 12:30:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	25172	20.00	ng	-0.02
21) Naphthalene-d8	10.81	136	91637	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	65807	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	180474	20.00	ng	-0.02
75) Chrysene-d12	21.64	240	188118	20.00	ng	-0.02
86) Perylene-d12	24.83	264	176797	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	81727	53.90	ng	-0.01
7) Phenol-d6	7.18	99	66664	29.47	ng	-0.02
23) Nitrobenzene-d5	9.17	82	202680	92.40	ng	-0.02
41) 2,4,6-Tribromophenol	16.12	330	133796	154.25	ng	-0.02
44) 2-Fluorobiphenyl	13.25	172	482939	98.32	ng	-0.02
78) Terphenyl-d14	19.99	244	914092	107.11	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.17	70	27489	14.431	ng	# 69
50) 2,6-Dinitrotoluene	14.63	165	8836	7.526	ng	# 22
53) 2,4-Dinitrophenol	15.02	184	63	6.678	ng	# 1
56) 2,4-Dinitrotoluene	14.63	165	8836	5.246	ng	# 20
66) 4-Bromophenyl-phenylether	16.13	248	10207	4.875	ng	# 1
76) Benzidine	19.98	184	16248	3.285	ng	# 89

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

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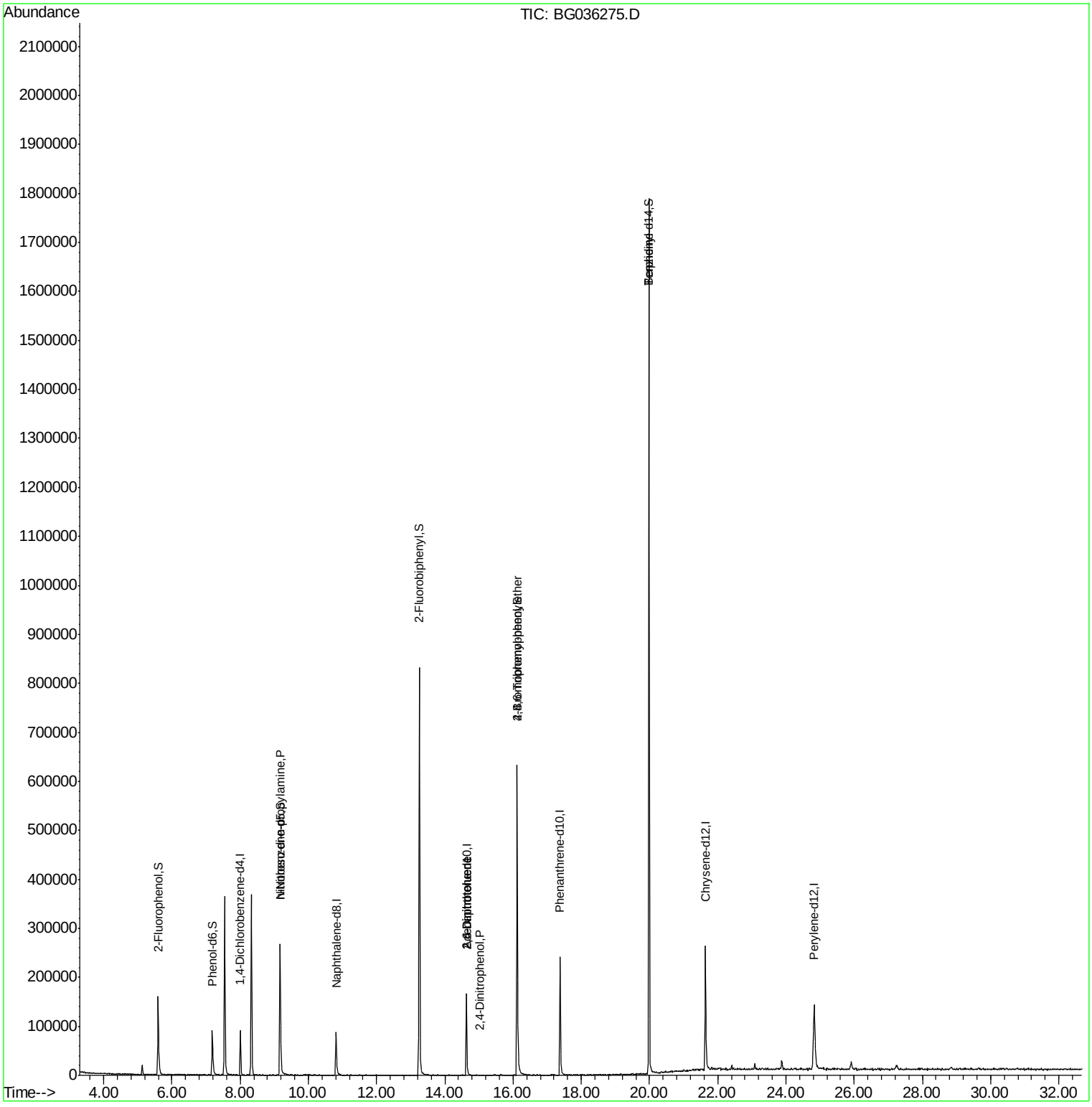
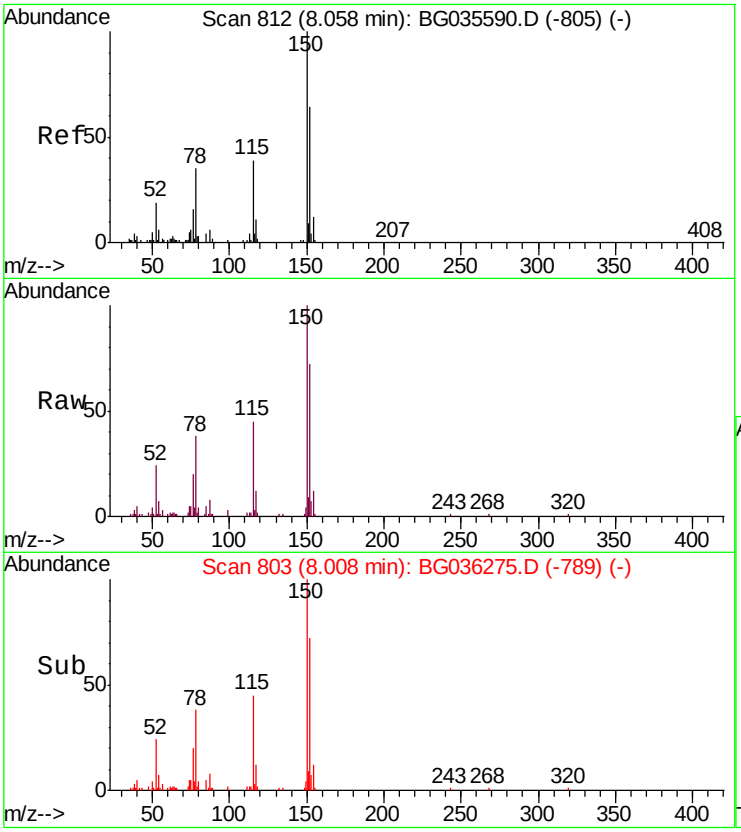


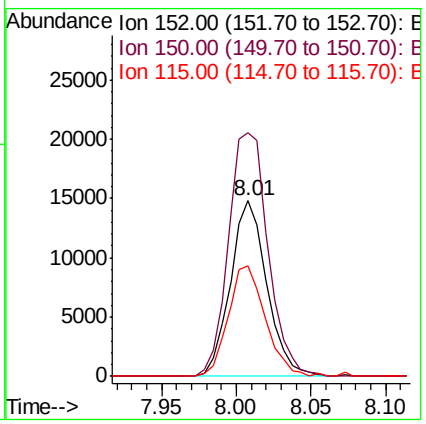


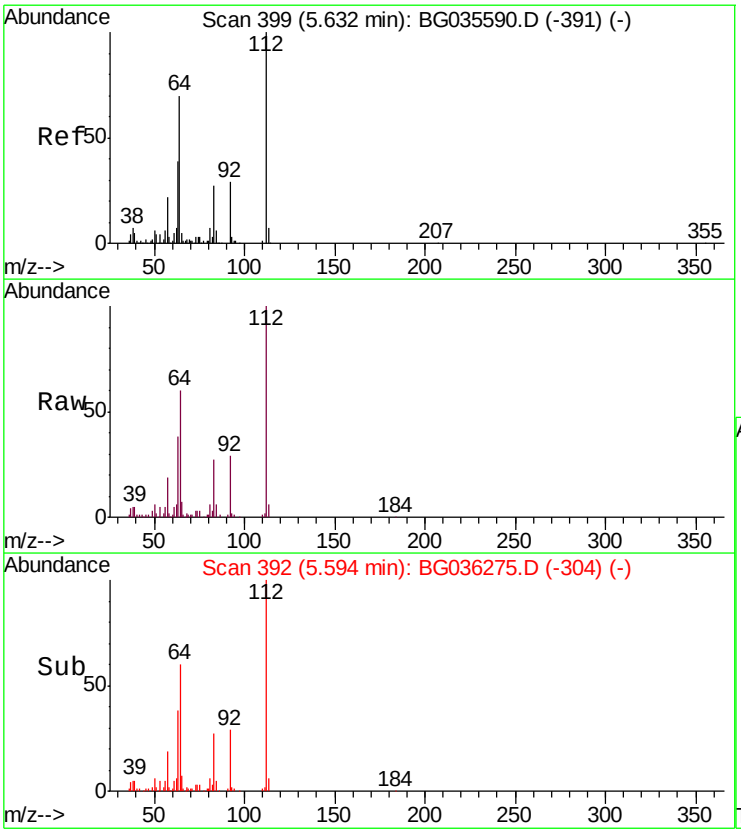
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 803
Delta R.T. -0.02 min
Lab File: BG036275.D
Acq: 10 Aug 2018 20:02

Instrument :
BNA_G
ClientSampleId :
MW-102D

Tgt Ion:152 Resp: 25172

Ion	Ratio	Lower	Upper
152	100		
150	139.0	126.6	189.8
115	62.8	53.0	79.4

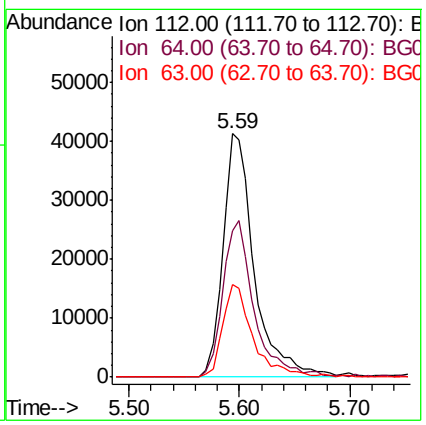


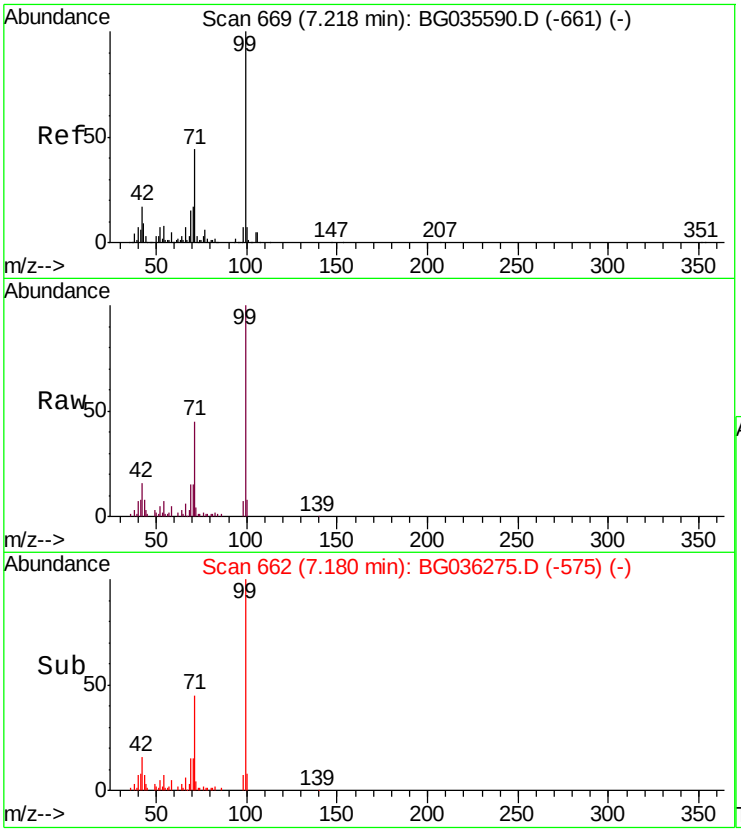


#5
2-Fluorophenol
Concen: 53.904 ng
RT: 5.59 min Scan# 392
Delta R.T. -0.01 min
Lab File: BG036275.D
Acq: 10 Aug 2018 20:02

Tgt Ion:112 Resp: 81727

Ion	Ratio	Lower	Upper
112	100		
64	60.2	56.3	84.5
63	38.2	30.1	45.1



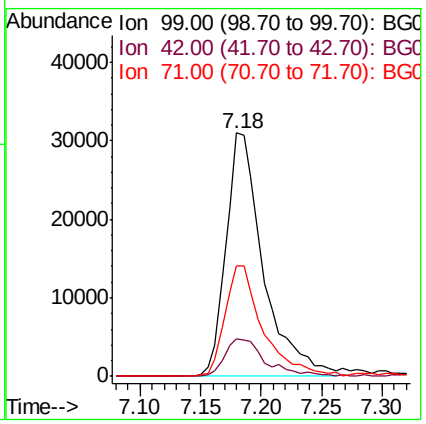


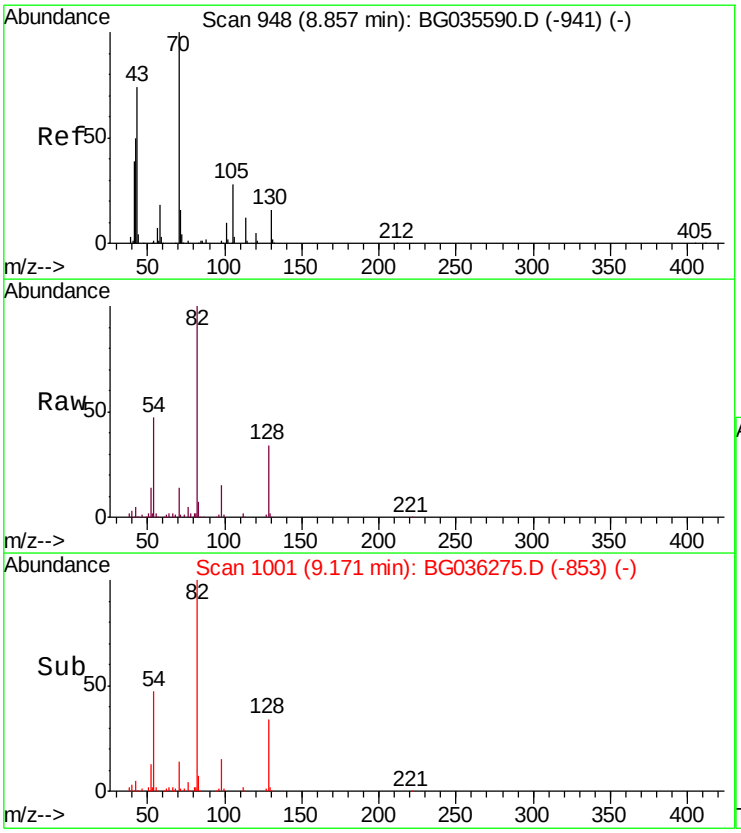
#7
Phenol-d6
Concen: 29.470 ng
RT: 7.18 min Scan# 662
Delta R.T. -0.02 min
Lab File: BG036275.D
Acq: 10 Aug 2018 20:02

Instrument :
BNA_G
ClientSampleId :
MW-102D

Tgt Ion: 99 Resp: 66664

Ion	Ratio	Lower	Upper
99	100		
42	15.6	14.1	21.1
71	45.3	26.1	39.1#

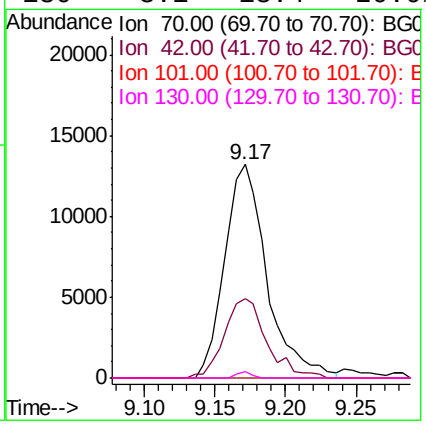


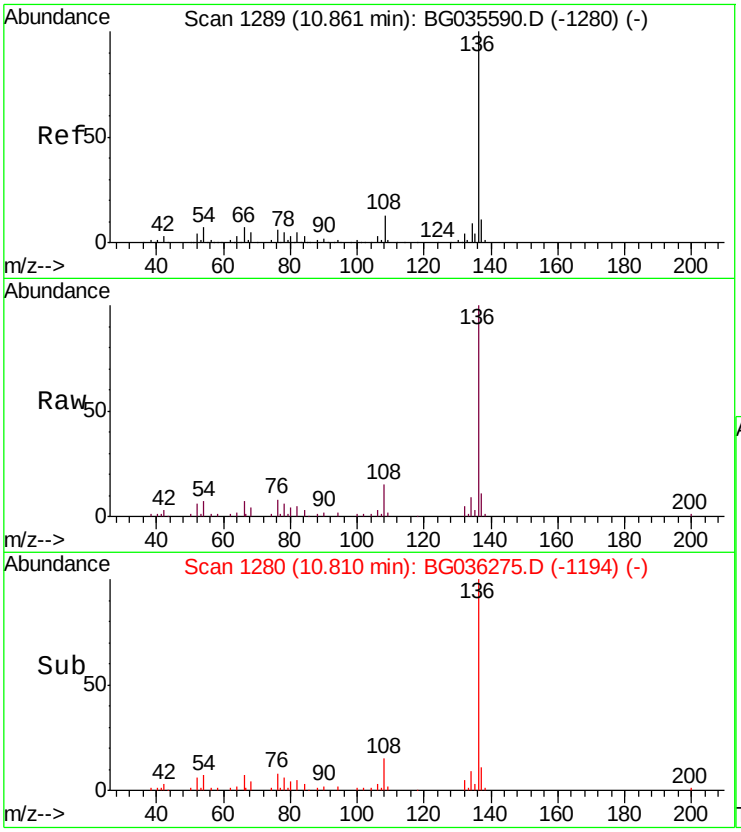


#19
n-Nitroso-di-n-propylamine
Concen: 14.431 ng
RT: 9.17 min Scan# 1001
Delta R.T. 0.34 min
Lab File: BG036275.D
Acq: 10 Aug 2018 20:02

Tgt Ion: 70 Resp: 27489

Ion	Ratio	Lower	Upper
70	100		
42	37.4	49.1	73.7#
101	0.0	8.5	12.7#
130	3.1	13.4	20.0#



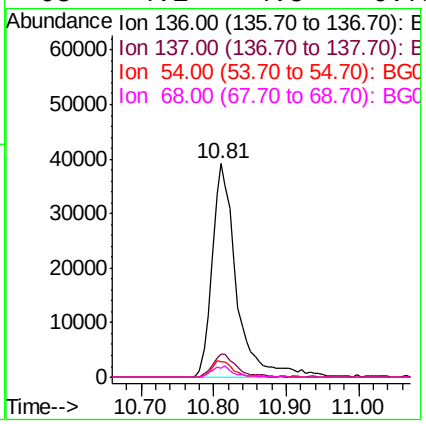


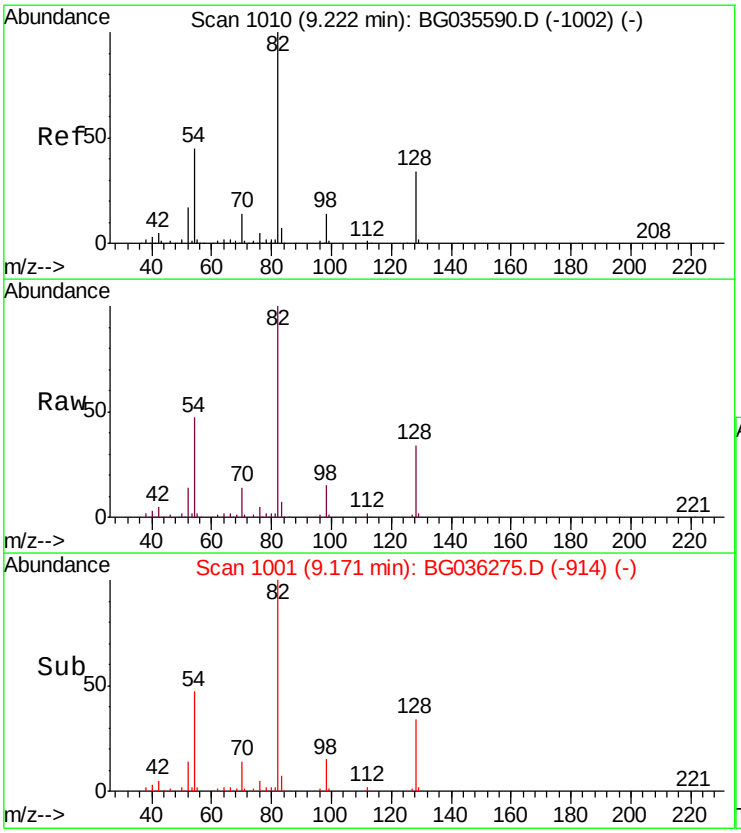
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BG036275.D
Acq: 10 Aug 2018 20:02

Instrument :
BNA_G
ClientSampleId :
MW-102D

Tgt Ion:136 Resp: 91637

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	7.0	10.3	15.5#
68	4.1	4.5	6.7#

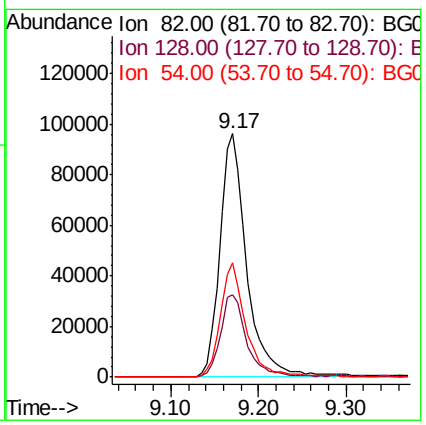


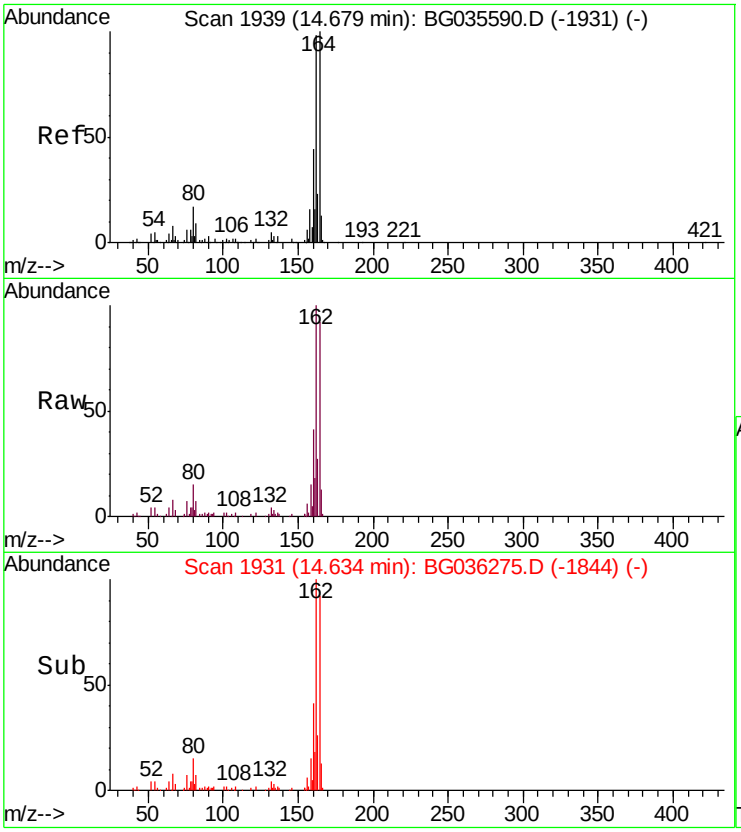


#23
Nitrobenzene-d5
Concen: 92.396 ng
RT: 9.17 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BG036275.D
Acq: 10 Aug 2018 20:02

Tgt Ion: 82 Resp: 202680

Ion	Ratio	Lower	Upper
82	100		
128	33.7	29.7	44.5
54	46.9	43.1	64.7



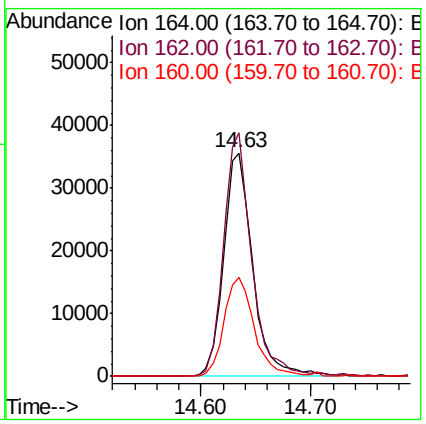


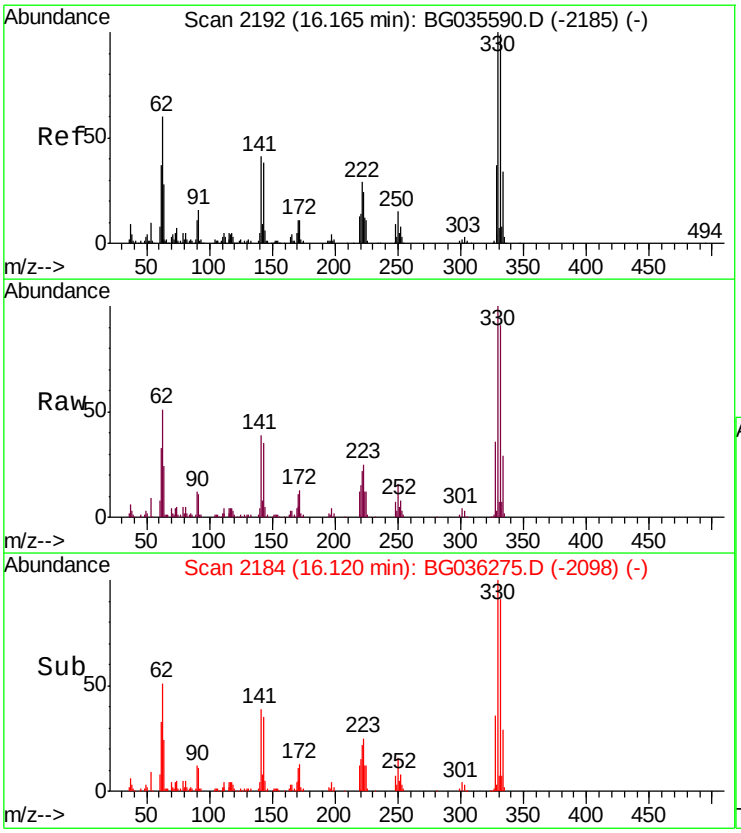
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1931
Delta R.T. -0.02 min
Lab File: BG036275.D
Acq: 10 Aug 2018 20:02

Instrument :
BNA_G
ClientSampleId :
MW-102D

Tgt Ion:164 Resp: 65807

Ion	Ratio	Lower	Upper
164	100		
162	108.9	78.8	118.2
160	44.4	35.4	53.0

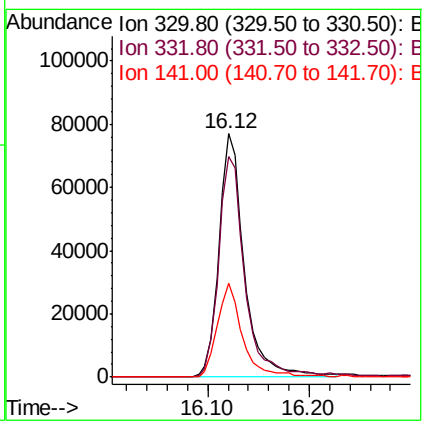


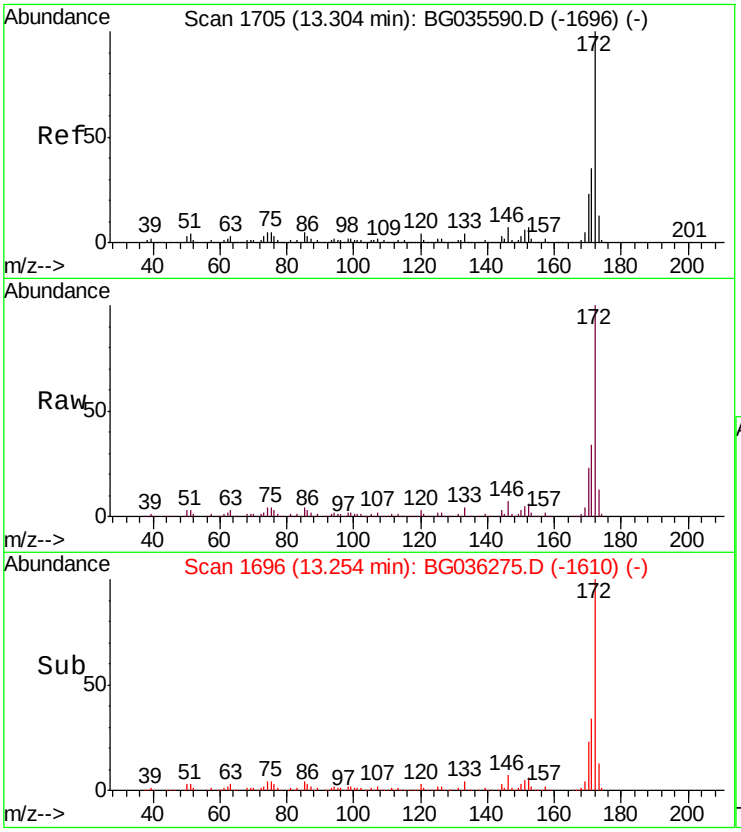


#41
2,4,6-Tribromophenol
Concen: 154.253 ng
RT: 16.12 min Scan# 2184
Delta R.T. -0.02 min
Lab File: BG036275.D
Acq: 10 Aug 2018 20:02

Tgt Ion:330 Resp: 133796

Ion	Ratio	Lower	Upper
330	100		
332	93.2	77.0	115.6
141	38.4	25.2	37.8#



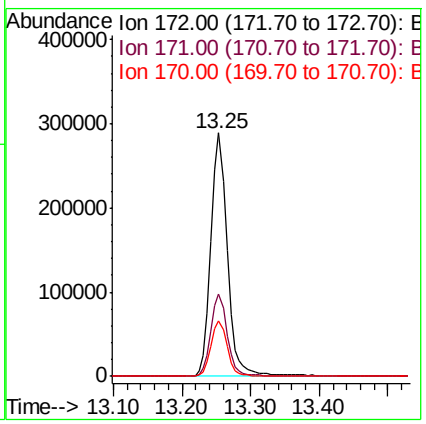


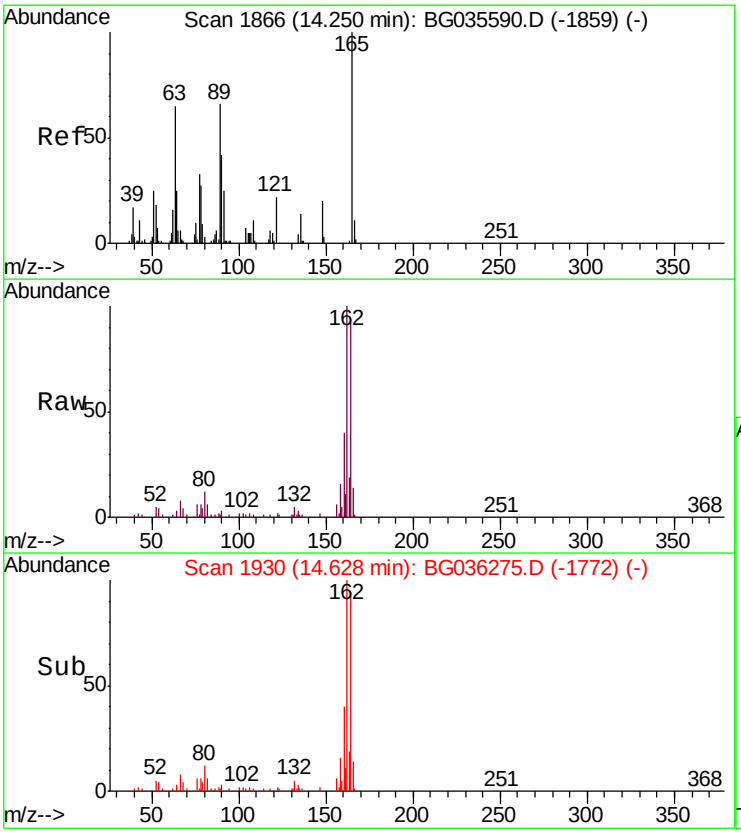
#44
2-Fluorobiphenyl
Concen: 98.320 ng
RT: 13.25 min Scan# 1696
Delta R.T. -0.02 min
Lab File: BG036275.D
Acq: 10 Aug 2018 20:02

Instrument :
BNA_G
ClientSampleId :
MW-102D

Tgt Ion:172 Resp: 482939

Ion	Ratio	Lower	Upper
172	100		
171	33.8	30.0	45.0
170	22.9	19.5	29.3

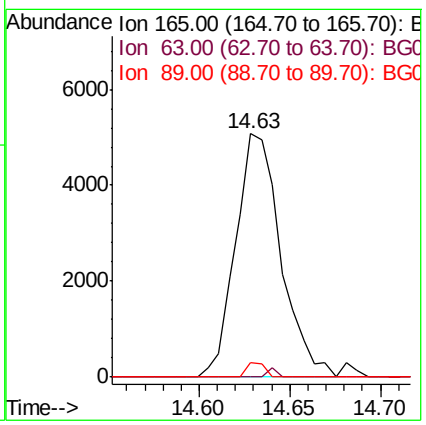


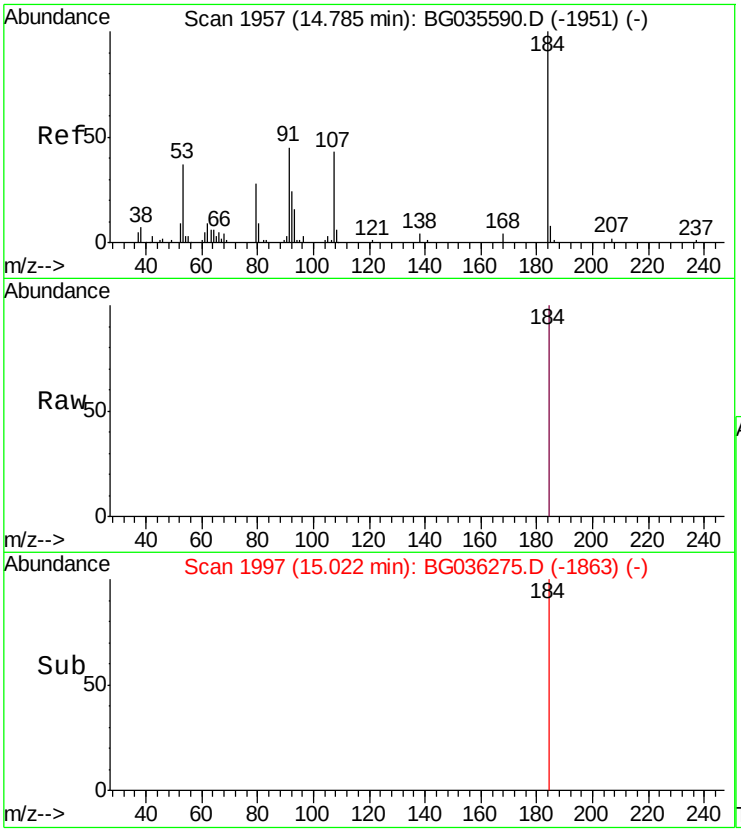


#50
2,6-Dinitrotoluene
Concen: 7.526 ng
RT: 14.63 min Scan# 1930
Delta R.T. 0.40 min
Lab File: BG036275.D
Acq: 10 Aug 2018 20:02

Tgt Ion:165 Resp: 8836

Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	6.0	49.2	73.8#



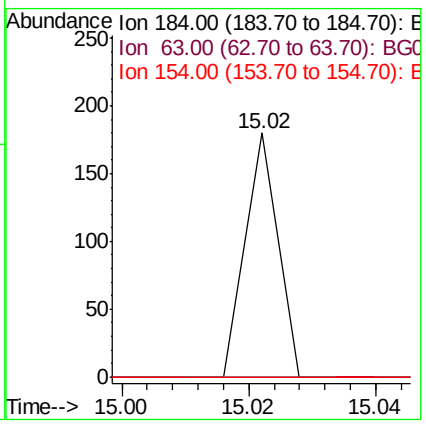


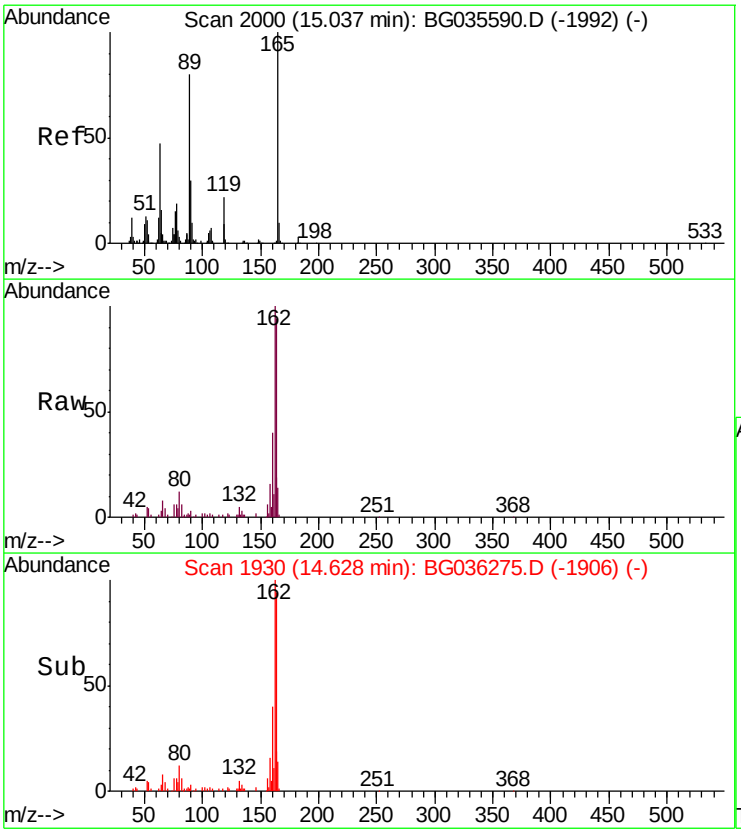
#53
2,4-Dinitrophenol
Concen: 6.678 ng
RT: 15.02 min Scan# 1997
Delta R.T. 0.26 min
Lab File: BG036275.D
Acq: 10 Aug 2018 20:02

Instrument :
BNA_G
ClientSampleId :
MW-102D

Tgt Ion:184 Resp: 63

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

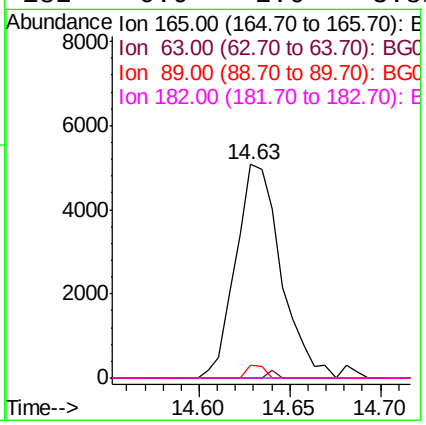


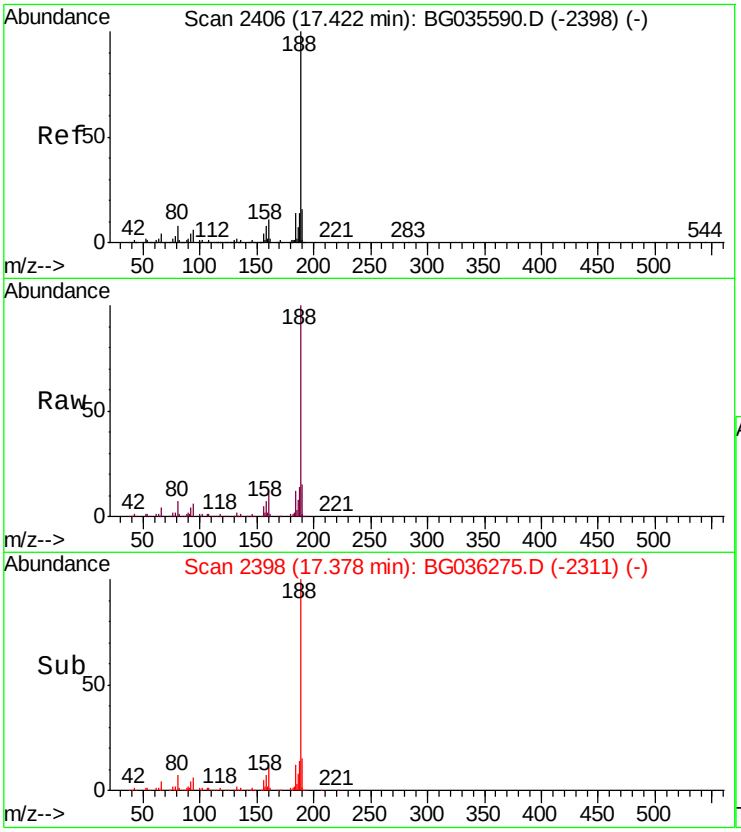


#56
2,4-Dinitrotoluene
Concen: 5.246 ng
RT: 14.63 min Scan# 1930
Delta R.T. -0.39 min
Lab File: BG036275.D
Acq: 10 Aug 2018 20:02

Tgt Ion:165 Resp: 8836

Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	6.0	66.9	100.3#
182	0.0	2.6	3.8#



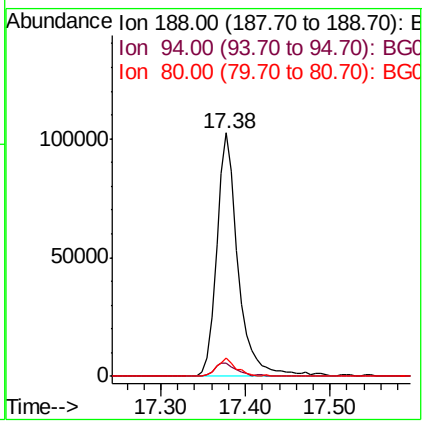


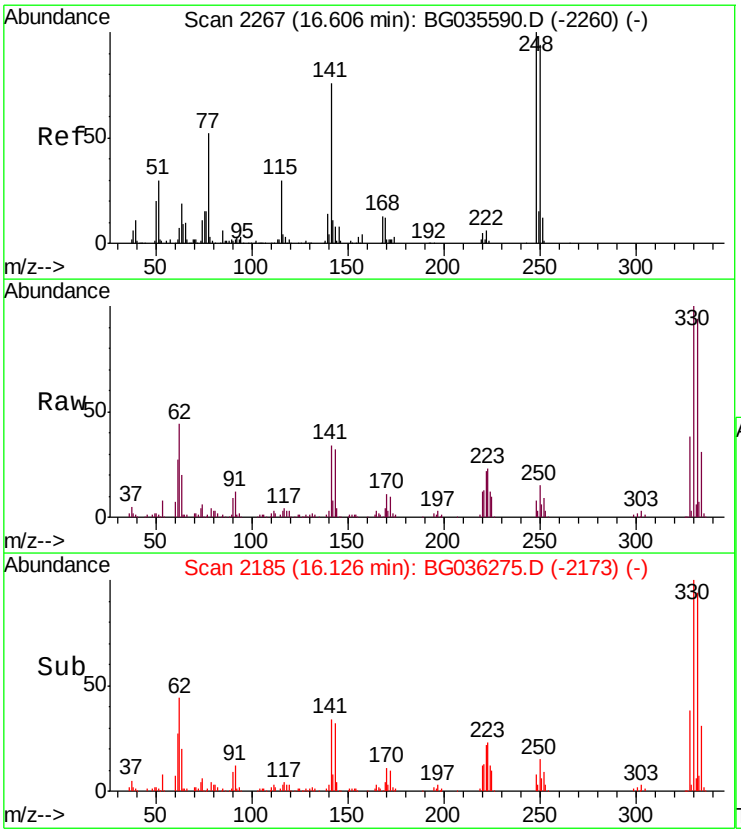
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2398
Delta R.T. -0.02 min
Lab File: BG036275.D
Acq: 10 Aug 2018 20:02

Instrument :
BNA_G
ClientSampleId :
MW-102D

Tgt Ion:188 Resp: 180474

Ion	Ratio	Lower	Upper
188	100		
94	5.7	6.9	10.3#
80	7.3	7.7	11.5#

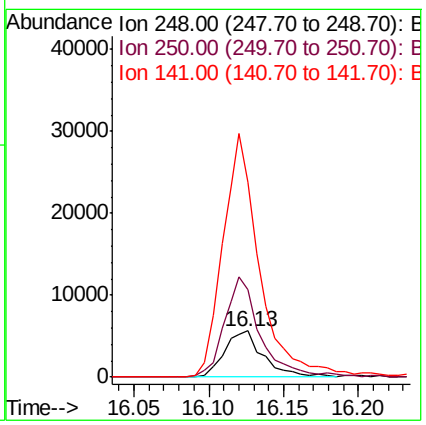


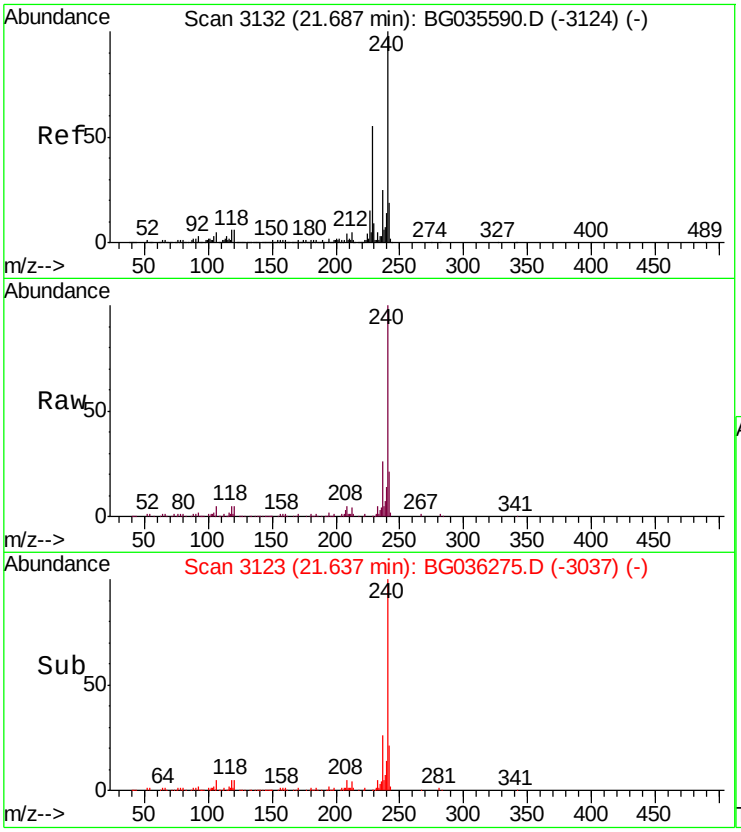


#66
4-Bromophenyl-phenylether
Concen: 4.875 ng
RT: 16.13 min Scan# 2185
Delta R.T. -0.46 min
Lab File: BG036275.D
Acq: 10 Aug 2018 20:02

Tgt Ion:248 Resp: 10207

Ion	Ratio	Lower	Upper
248	100		
250	189.4	77.1	115.7#
141	423.5	50.8	76.2#



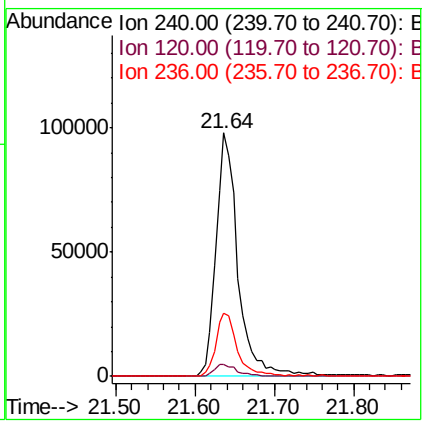


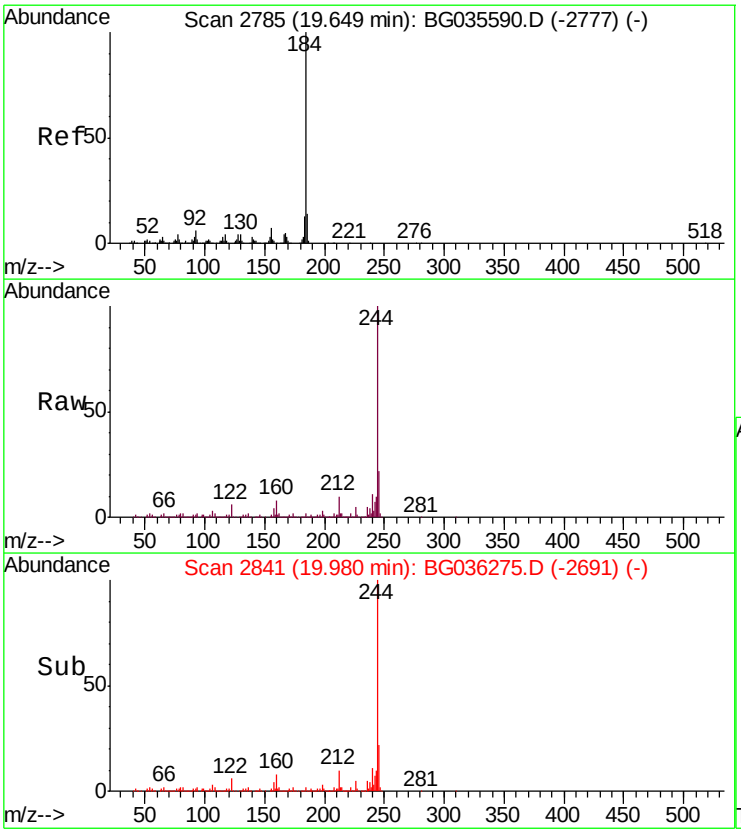
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3123
Delta R.T. -0.02 min
Lab File: BG036275.D
Acq: 10 Aug 2018 20:02

Instrument :
BNA_G
ClientSampleId :
MW-102D

Tgt Ion:240 Resp: 188118

Ion	Ratio	Lower	Upper
240	100		
120	4.8	6.8	10.2#
236	25.8	20.9	31.3

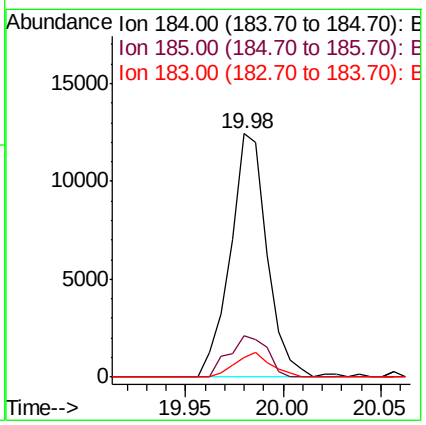


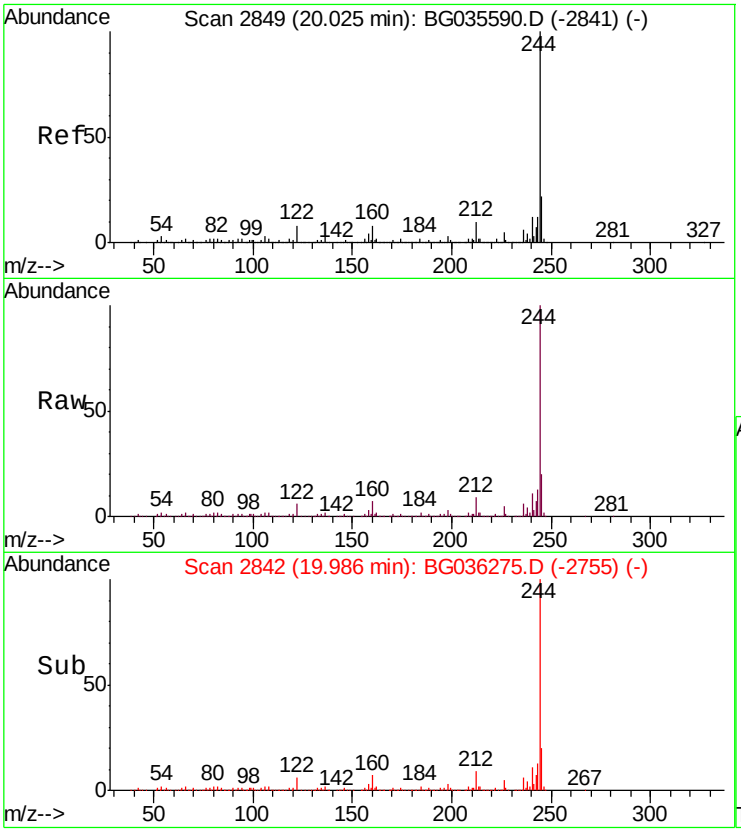


#76
Benzidine
Concen: 3.285 ng
RT: 19.98 min Scan# 2841
Delta R.T. 0.35 min
Lab File: BG036275.D
Acq: 10 Aug 2018 20:02

Tgt Ion:184 Resp: 16248

Ion	Ratio	Lower	Upper
184	100		
185	17.1	11.1	16.7#
183	7.9	10.6	16.0#



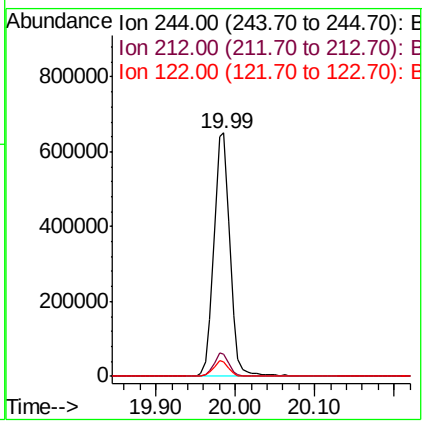


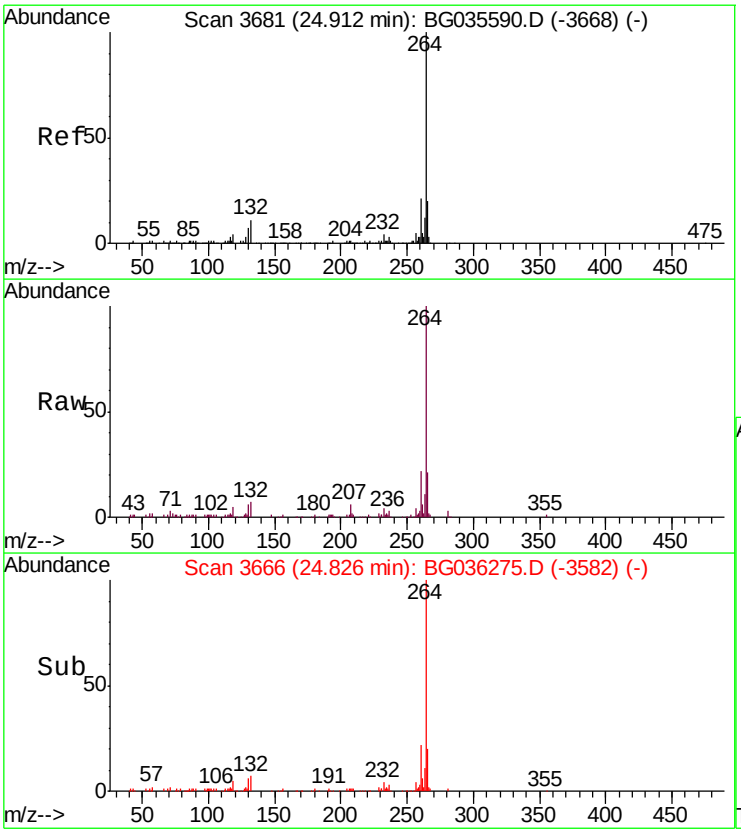
#78
Terphenyl-d14
Concen: 107.110 ng
RT: 19.99 min Scan# 2842
Delta R.T. -0.02 min
Lab File: BG036275.D
Acq: 10 Aug 2018 20:02

Instrument :
BNA_G
ClientSampleId :
MW-102D

Tgt Ion:244 Resp: 914092

Ion	Ratio	Lower	Upper
244	100		
212	9.1	5.8	8.8#
122	5.8	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.83 min Scan# 3666
Delta R.T. -0.03 min
Lab File: BG036275.D
Acq: 10 Aug 2018 20:02

Tgt Ion:264 Resp: 176797

Ion	Ratio	Lower	Upper
264	100		
260	22.3	17.4	26.0
265	20.8	17.7	26.5