Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081018\
Data File : BG036273.D
Acq On : 10 Aug 2018 18:43
Operator : JU/SJ
Sample : J4379-19
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-102S

Quant Time: Aug 10 23:06:23 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	25097	20.00	ng	-0.02
21) Naphthalene-d8	10.81	136	85451	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	66537	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	178813	20.00	ng	-0.02
75) Chrysene-d12	21.64	240	190819	20.00	ng	-0.02
86) Perylene-d12	24.82	264	177310	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	89460	59.18	ng	0.00
7) Phenol-d6	7.19	99	73933	32.78	ng	0.00
23) Nitrobenzene-d5	9.17	82	210576	102.95	ng	-0.02
41) 2,4,6-Tribromophenol	16.12	330	148002	168.76	ng	-0.02
44) 2-Fluorobiphenyl	13.25	172	505566	101.80	ng	-0.02
78) Terphenyl-d14	19.99	244	958451	110.72	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.17	70	29721	15.649	ng	# 74
50) 2,6-Dinitrotoluene	14.63	165	8722	7.347	ng	# 18
53) 2,4-Dinitrophenol	14.80	184	58	6.669	ng	# 1
56) 2,4-Dinitrotoluene	14.63	165	8721	5.121	ng	# 16
66) 4-Bromophenyl-phenylether	16.13	248	12273	5.916	ng	# 1
76) Benzidine	19.98	184	17176	3.424	ng	# 93

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

Quantitation Report (Not Reviewed)

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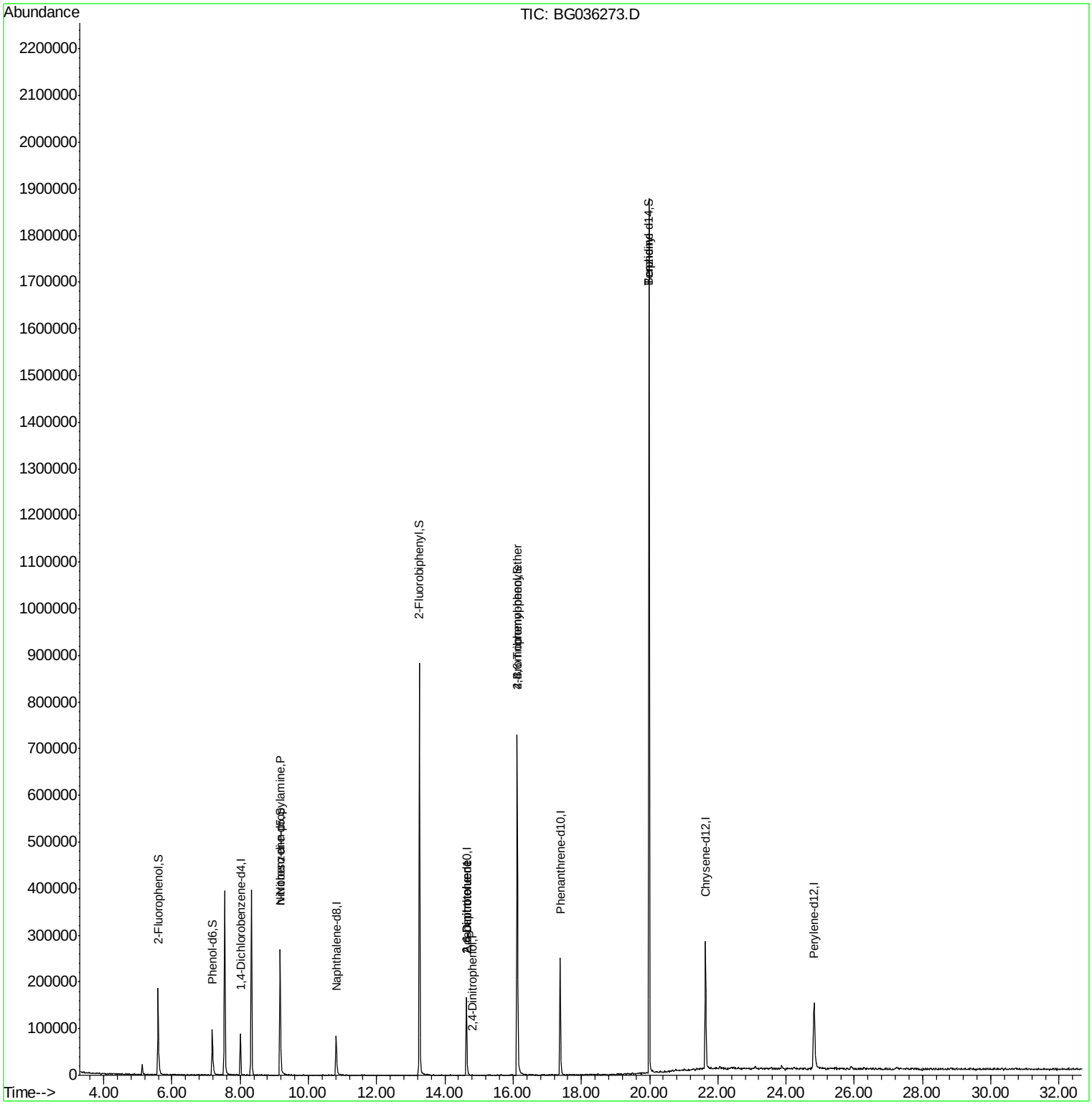
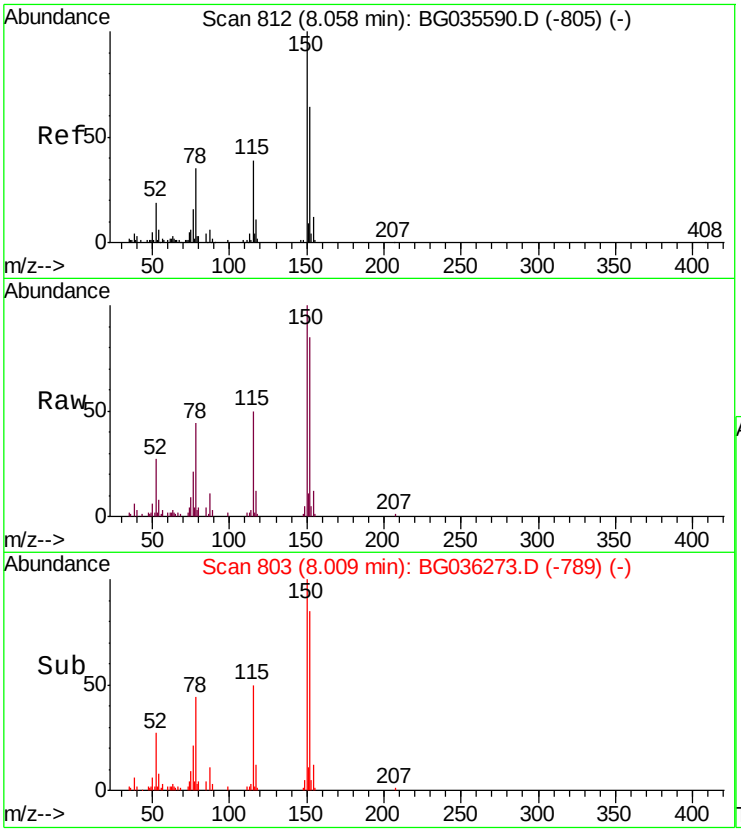


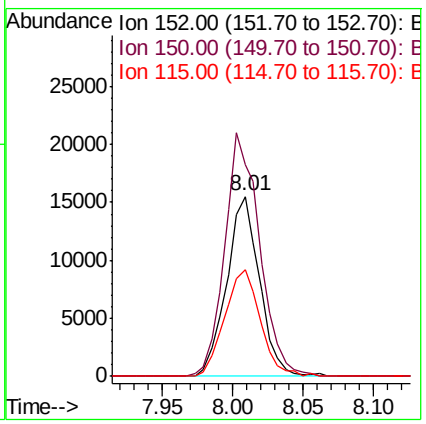


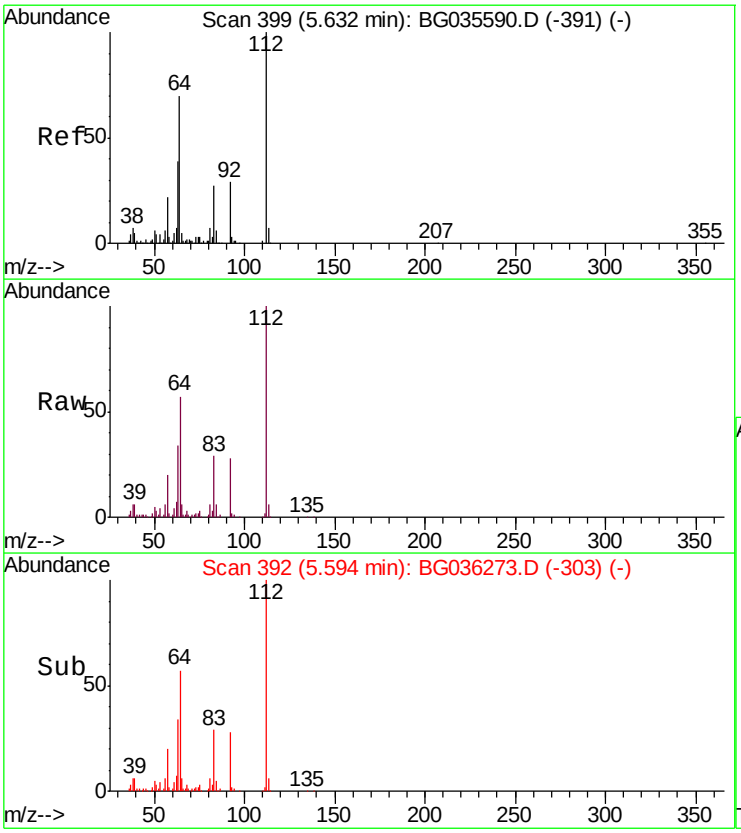
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 803
Delta R.T. -0.02 min
Lab File: BG036273.D
Acq: 10 Aug 2018 18:43

Instrument :
BNA_G
ClientSampleId :
MW-102S

Tgt Ion:152 Resp: 25097

Ion	Ratio	Lower	Upper
152	100		
150	118.0	126.6	189.8#
115	59.2	53.0	79.4

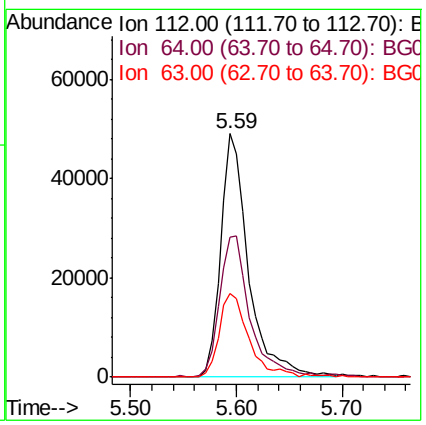


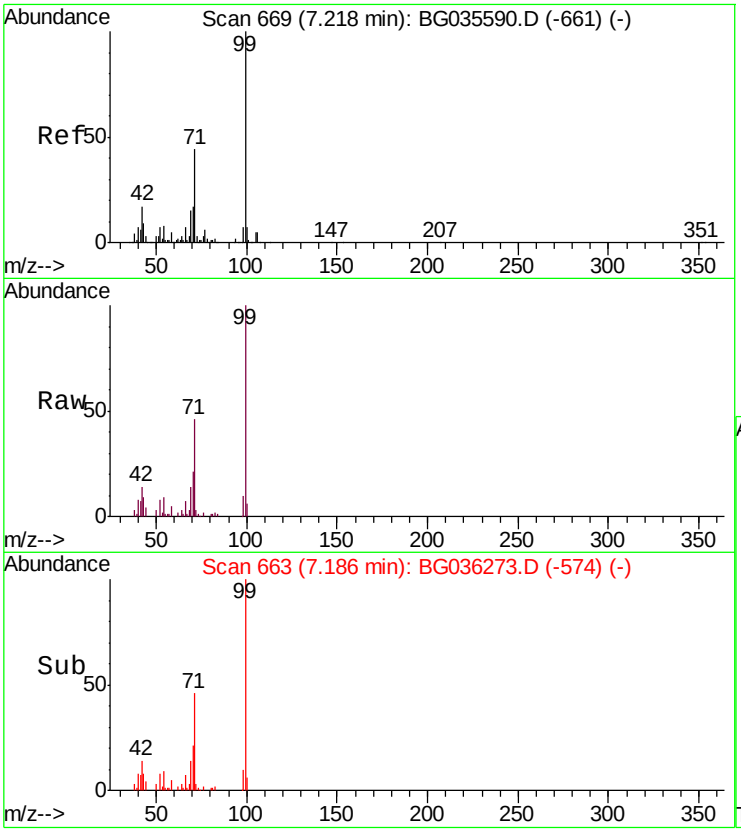


#5
2-Fluorophenol
Concen: 59.180 ng
RT: 5.59 min Scan# 392
Delta R.T. -0.01 min
Lab File: BG036273.D
Acq: 10 Aug 2018 18:43

Tgt Ion:112 Resp: 89460

Ion	Ratio	Lower	Upper
112	100		
64	57.2	56.3	84.5
63	34.2	30.1	45.1



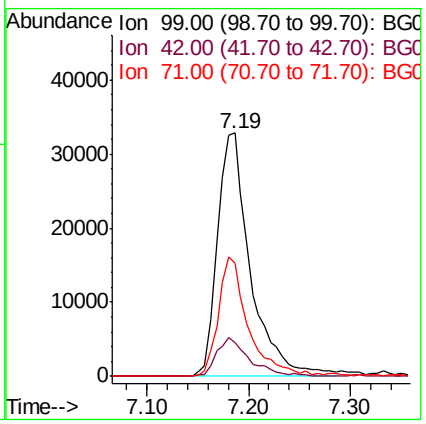


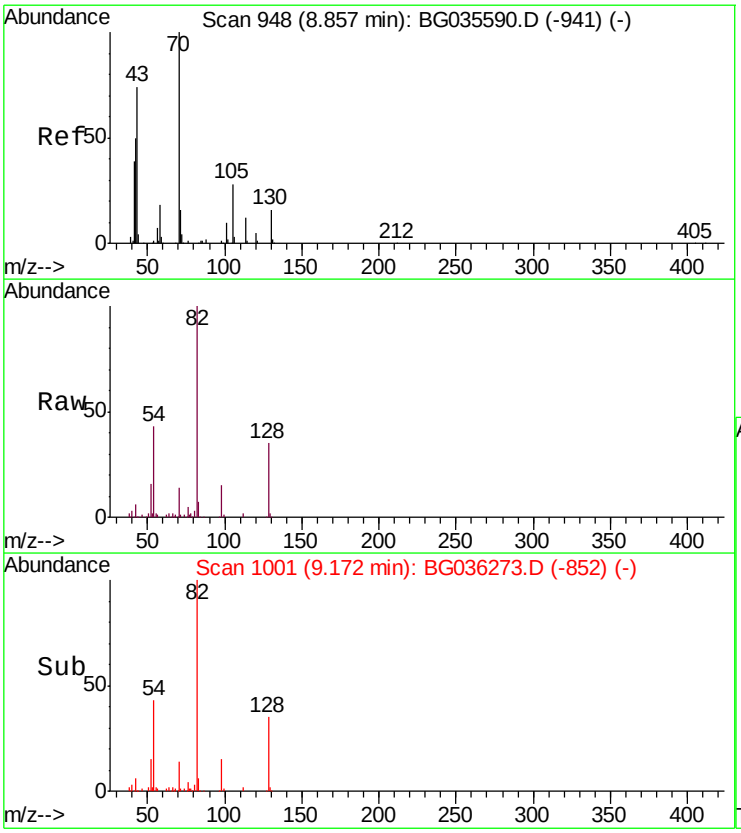
#7
Phenol-d6
Concen: 32.781 ng
RT: 7.19 min Scan# 663
Delta R.T. -0.01 min
Lab File: BG036273.D
Acq: 10 Aug 2018 18:43

Instrument :
BNA_G
ClientSampleId :
MW-102S

Tgt Ion: 99 Resp: 73933

Ion	Ratio	Lower	Upper
99	100		
42	13.9	14.1	21.1#
71	46.4	26.1	39.1#

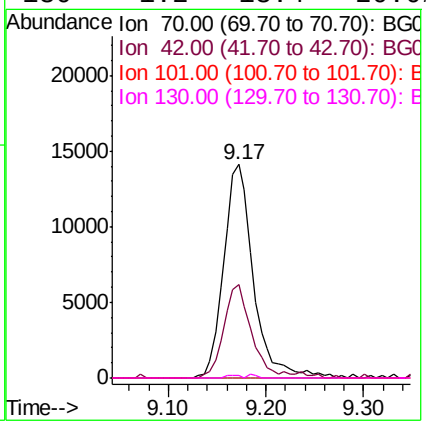


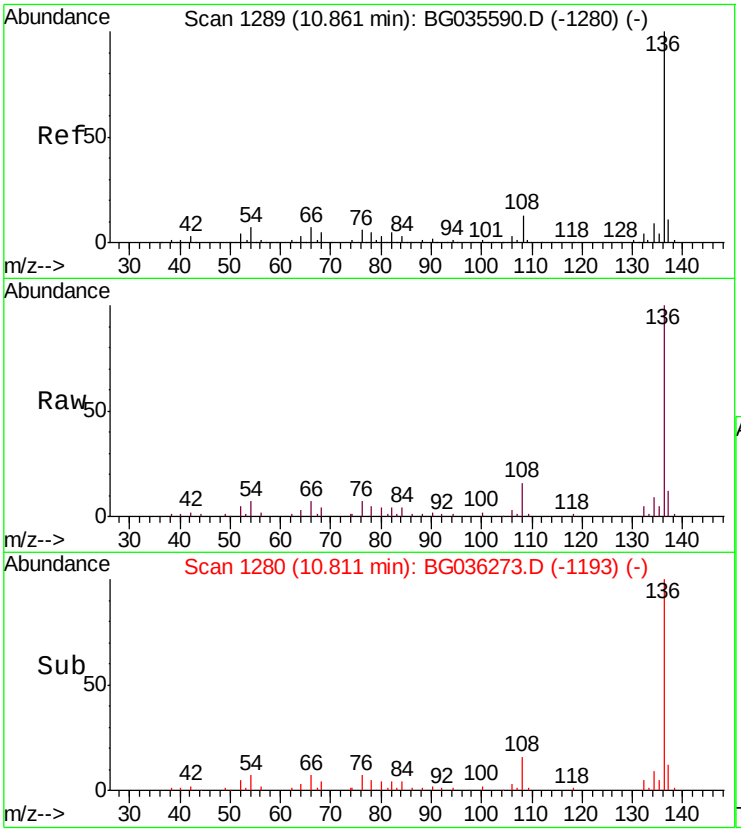


#19
n-Nitroso-di-n-propylamine
Concen: 15.649 ng
RT: 9.17 min Scan# 1001
Delta R.T. 0.34 min
Lab File: BG036273.D
Acq: 10 Aug 2018 18:43

Tgt Ion: 70 Resp: 29721

Ion	Ratio	Lower	Upper
70	100		
42	44.0	49.1	73.7#
101	0.0	8.5	12.7#
130	1.2	13.4	20.0#



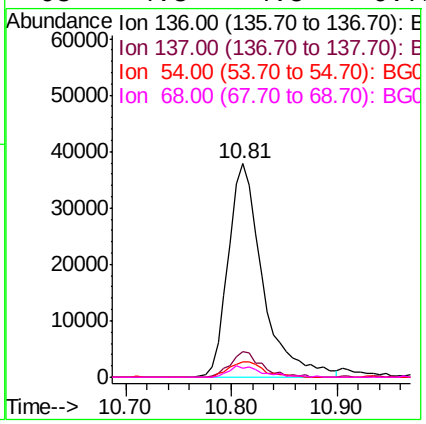


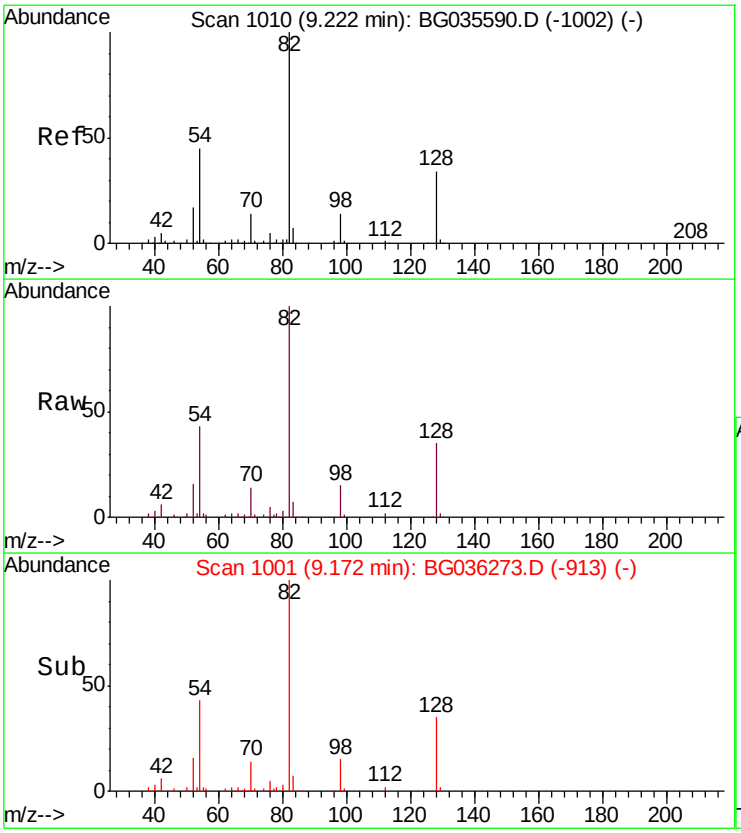
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BG036273.D
Acq: 10 Aug 2018 18:43

Instrument :
BNA_G
ClientSampleId :
MW-102S

Tgt Ion:136 Resp: 85451

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.2	13.8
54	6.9	10.3	15.5#
68	4.3	4.5	6.7#

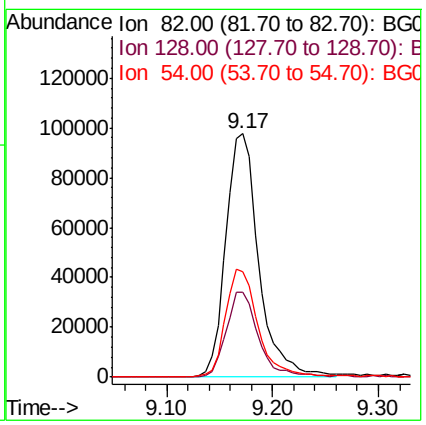


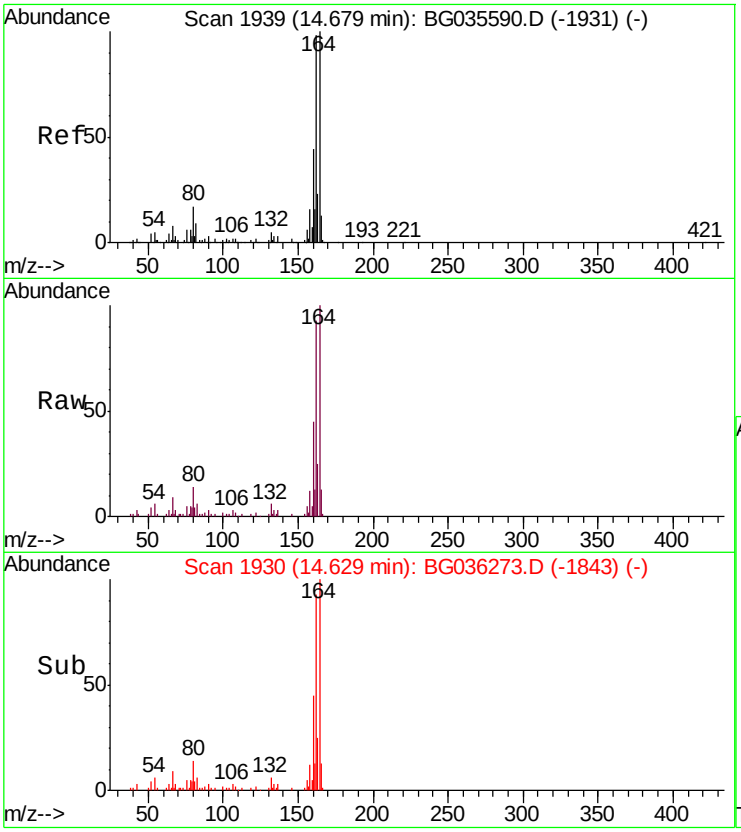


#23
Nitrobenzene-d5
Concen: 102.945 ng
RT: 9.17 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BG036273.D
Acq: 10 Aug 2018 18:43

Tgt Ion: 82 Resp: 210576

Ion	Ratio	Lower	Upper
82	100		
128	35.0	29.7	44.5
54	43.1	43.1	64.7#



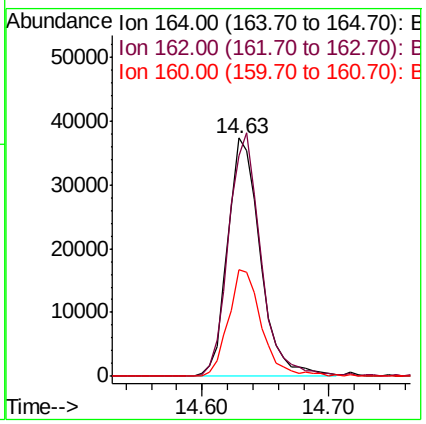


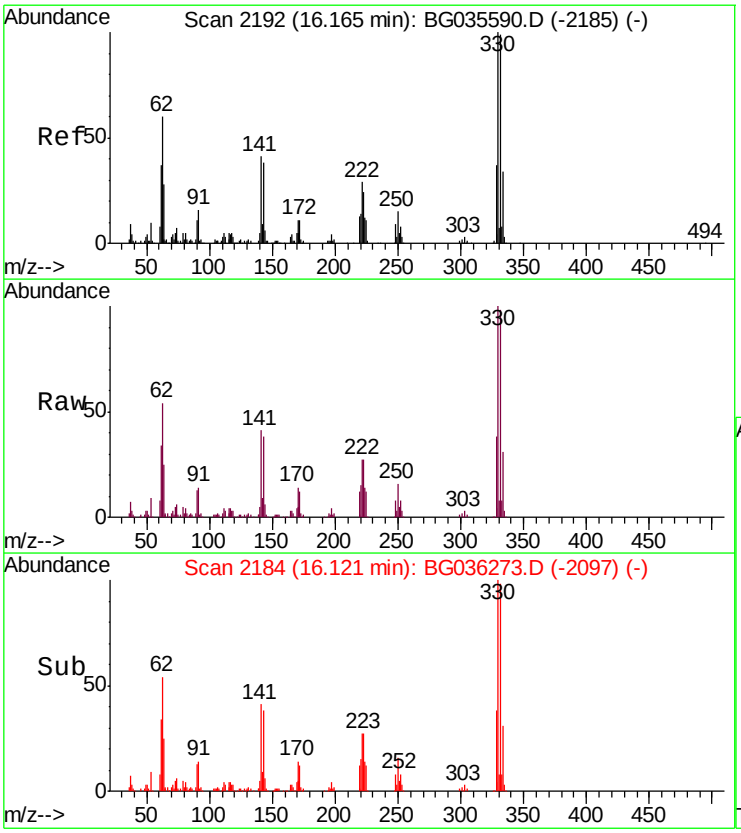
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1930
Delta R.T. -0.02 min
Lab File: BG036273.D
Acq: 10 Aug 2018 18:43

Instrument :
BNA_G
ClientSampleId :
MW-102S

Tgt Ion:164 Resp: 66537

Ion	Ratio	Lower	Upper
164	100		
162	92.8	78.8	118.2
160	44.7	35.4	53.0

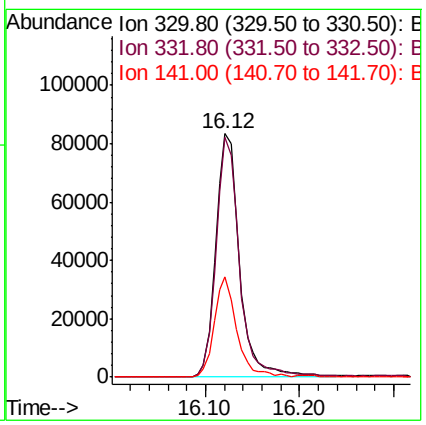


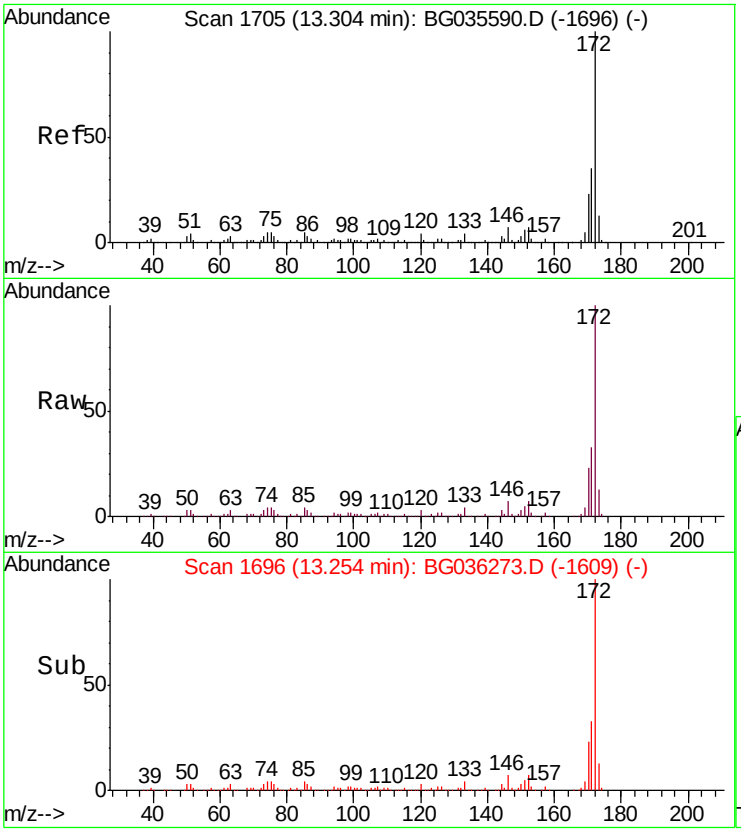


#41
2,4,6-Tribromophenol
Concen: 168.759 ng
RT: 16.12 min Scan# 2184
Delta R.T. -0.02 min
Lab File: BG036273.D
Acq: 10 Aug 2018 18:43

Tgt Ion:330 Resp: 148002

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	38.7	25.2	37.8#



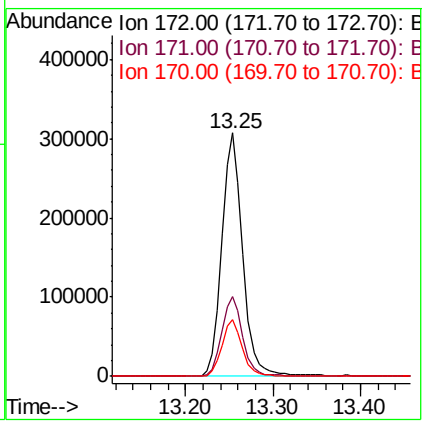


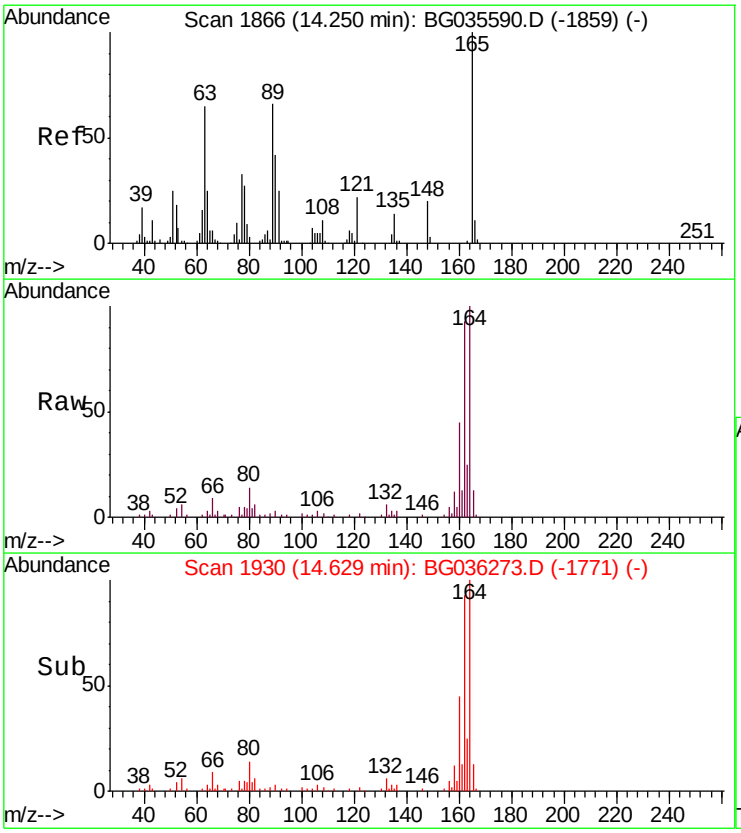
#44
2-Fluorobiphenyl
Concen: 101.797 ng
RT: 13.25 min Scan# 1696
Delta R.T. -0.02 min
Lab File: BG036273.D
Acq: 10 Aug 2018 18:43

Instrument :
BNA_G
ClientSampleId :
MW-102S

Tgt Ion:172 Resp: 505566

Ion	Ratio	Lower	Upper
172	100		
171	32.8	30.0	45.0
170	23.3	19.5	29.3

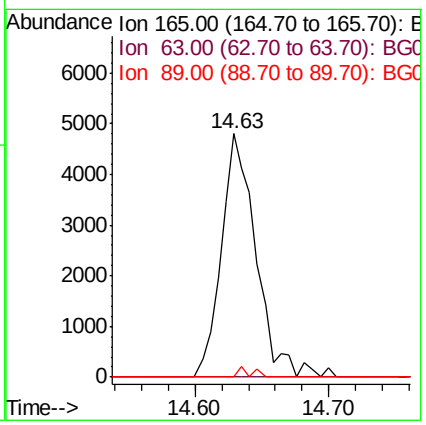


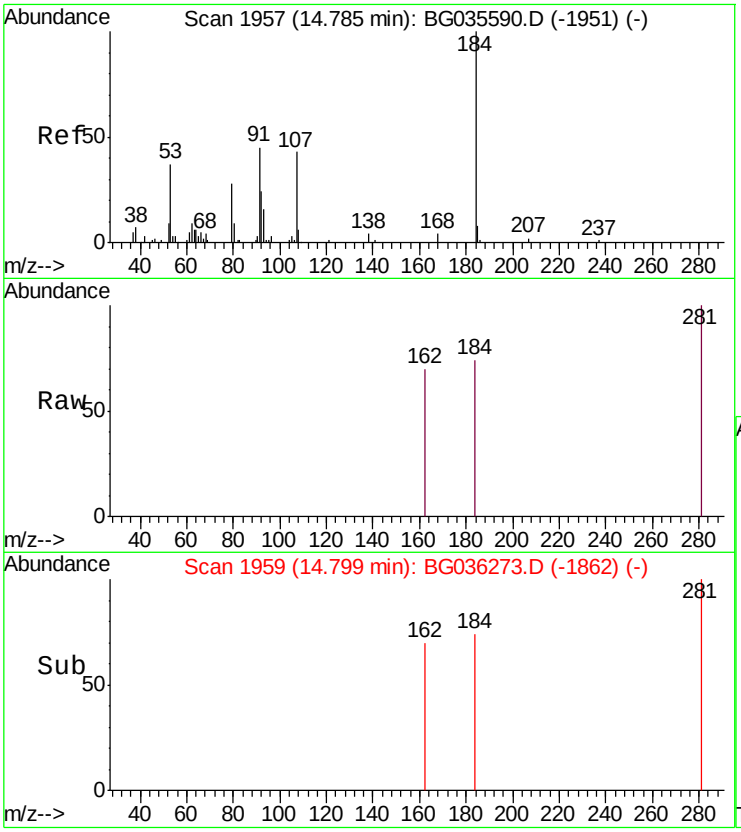


#50
2,6-Dinitrotoluene
Concen: 7.347 ng
RT: 14.63 min Scan# 1930
Delta R.T. 0.40 min
Lab File: BG036273.D
Acq: 10 Aug 2018 18:43

Tgt Ion:165 Resp: 8722

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



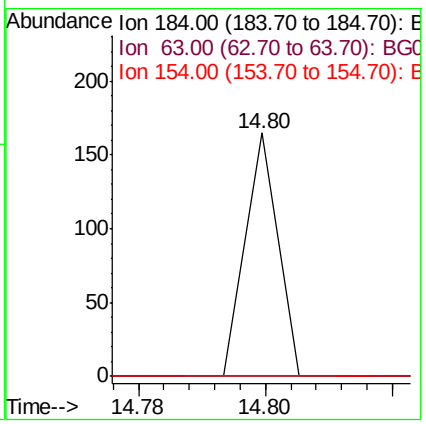


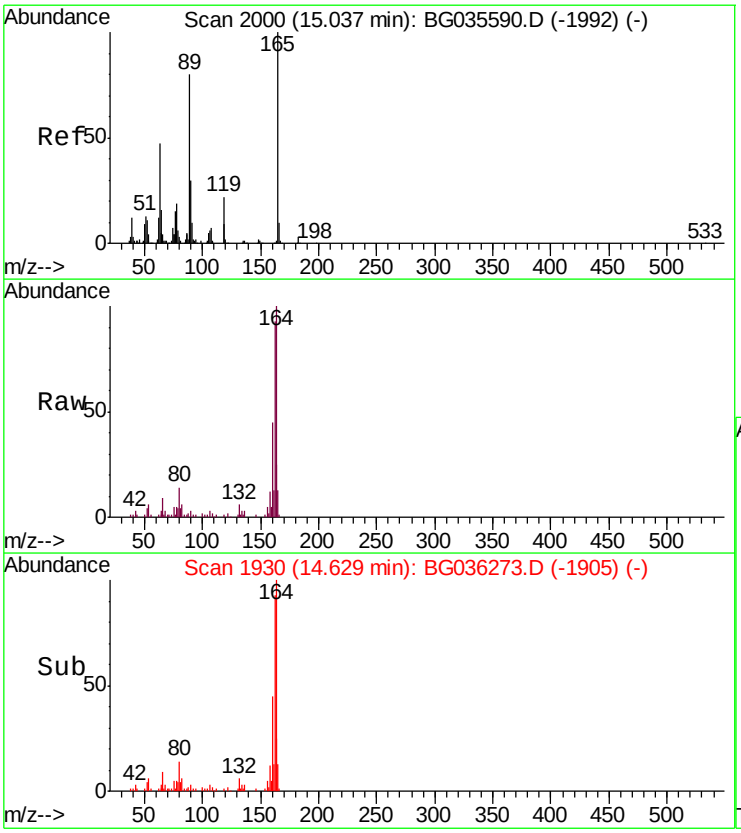
#53
2,4-Dinitrophenol
Concen: 6.669 ng
RT: 14.80 min Scan# 1959
Delta R.T. 0.04 min
Lab File: BG036273.D
Acq: 10 Aug 2018 18:43

Instrument :
BNA_G
ClientSampleId :
MW-102S

Tgt Ion:184 Resp: 58

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

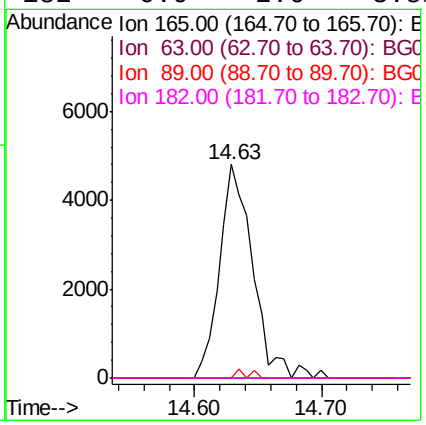


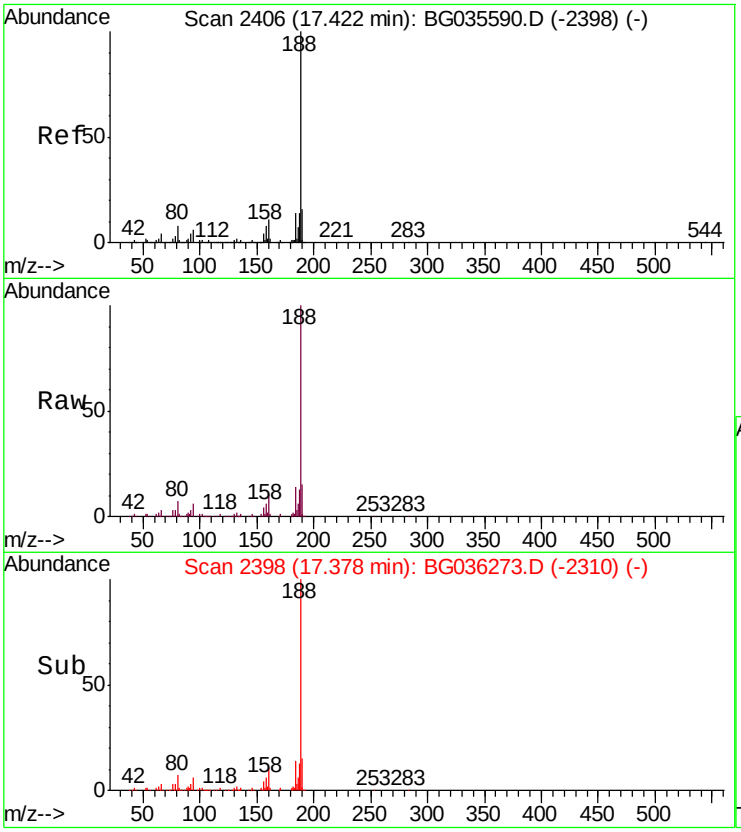


#56
2,4-Dinitrotoluene
Concen: 5.121 ng
RT: 14.63 min Scan# 1930
Delta R.T. -0.39 min
Lab File: BG036273.D
Acq: 10 Aug 2018 18:43

Tgt Ion:165 Resp: 8721

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



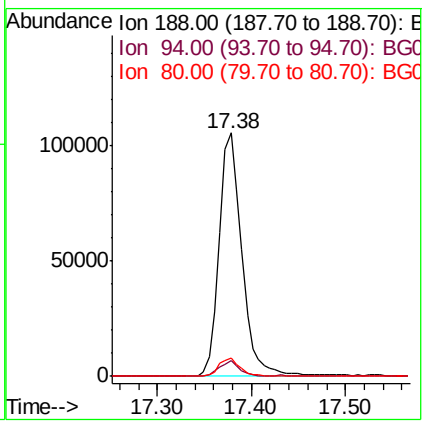


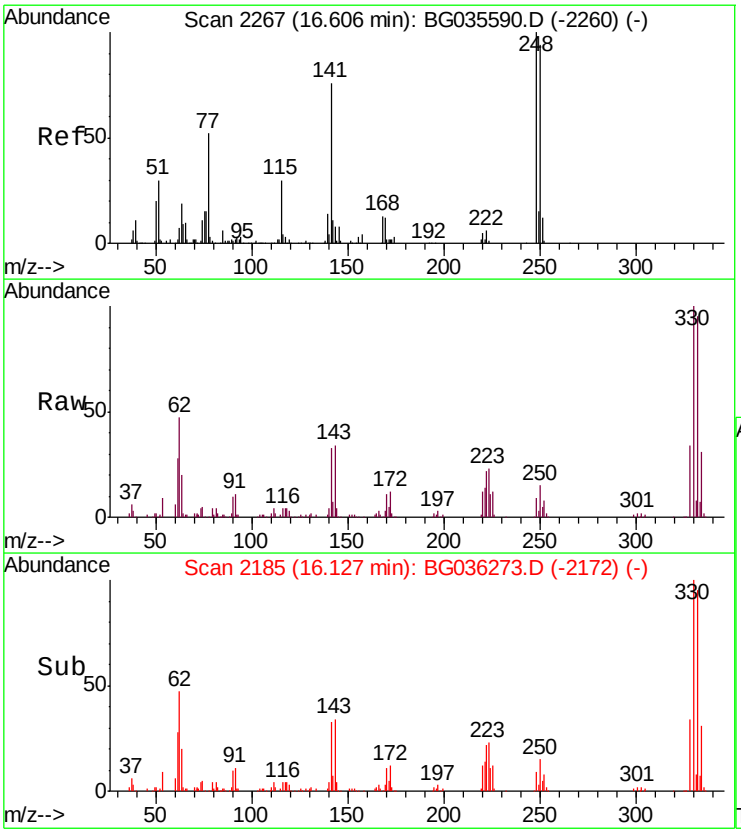
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2398
Delta R.T. -0.02 min
Lab File: BG036273.D
Acq: 10 Aug 2018 18:43

Instrument :
BNA_G
ClientSampleId :
MW-102S

Tgt Ion:188 Resp: 178813

Ion	Ratio	Lower	Upper
188	100		
94	6.4	6.9	10.3#
80	7.5	7.7	11.5#

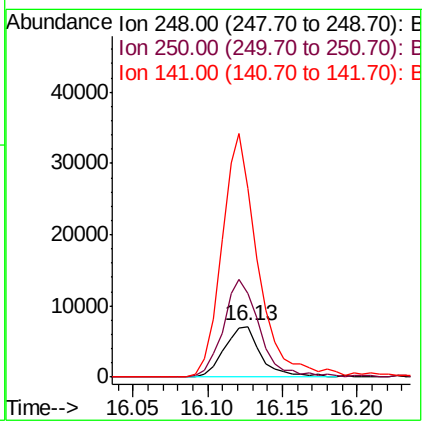


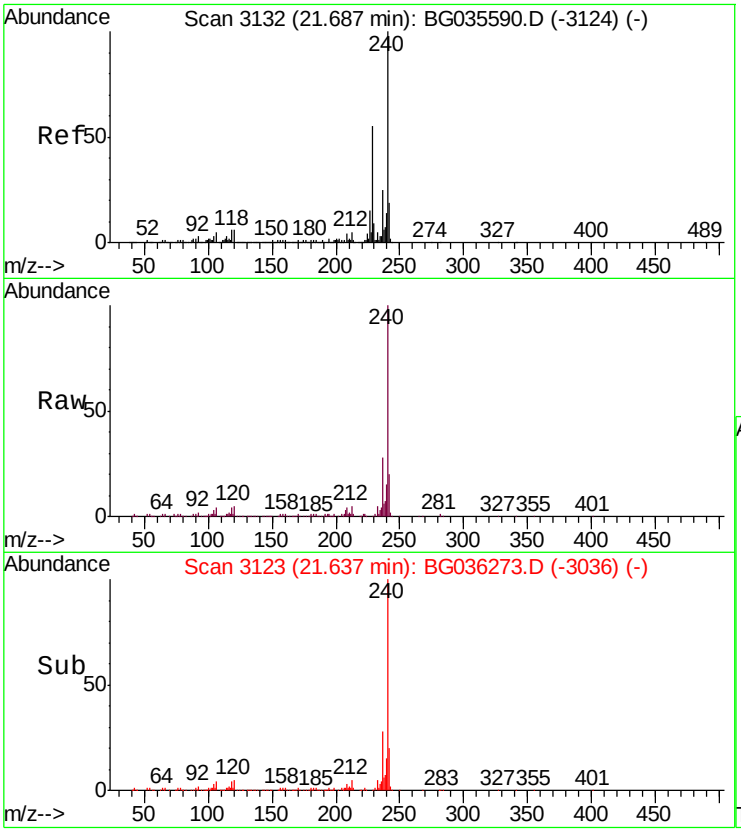


#66
4-Bromophenyl-phenylether
Concen: 5.916 ng
RT: 16.13 min Scan# 2185
Delta R.T. -0.46 min
Lab File: BG036273.D
Acq: 10 Aug 2018 18:43

Tgt Ion:248 Resp: 12273

Ion	Ratio	Lower	Upper
248	100		
250	164.3	77.1	115.7#
141	370.6	50.8	76.2#



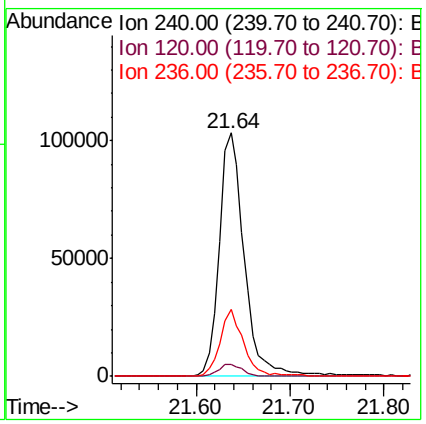


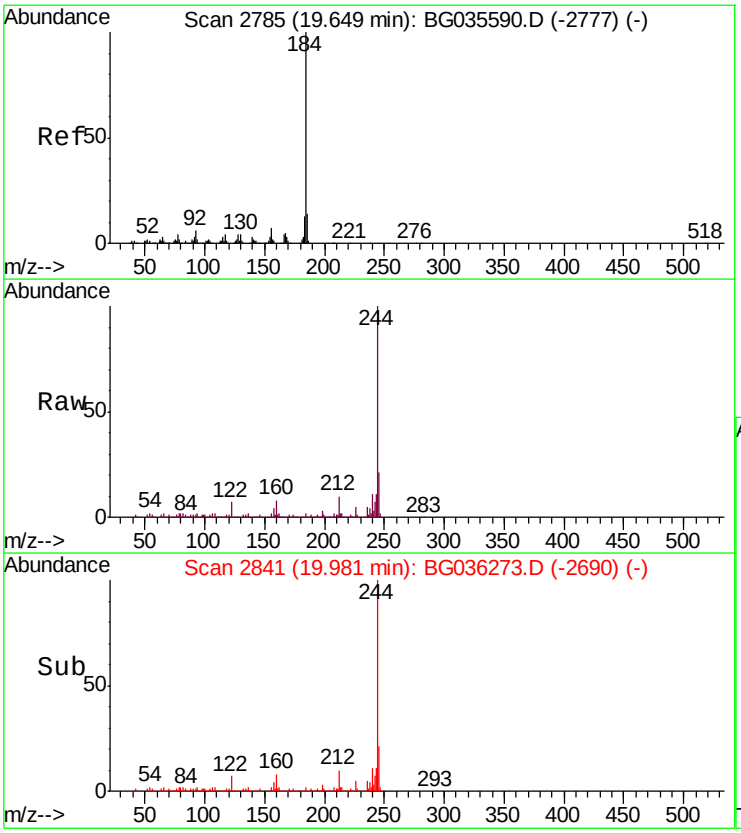
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3123
Delta R.T. -0.02 min
Lab File: BG036273.D
Acq: 10 Aug 2018 18:43

Instrument :
BNA_G
ClientSampleId :
MW-102S

Tgt Ion:240 Resp: 190819

Ion	Ratio	Lower	Upper
240	100		
120	5.1	6.8	10.2#
236	27.5	20.9	31.3

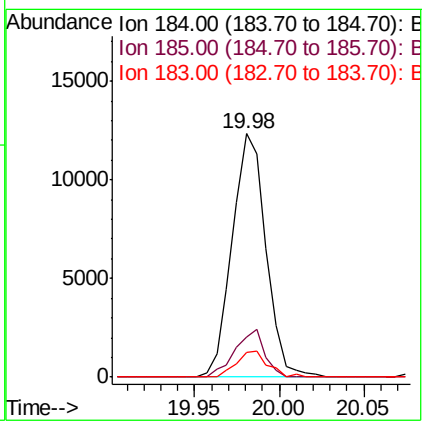


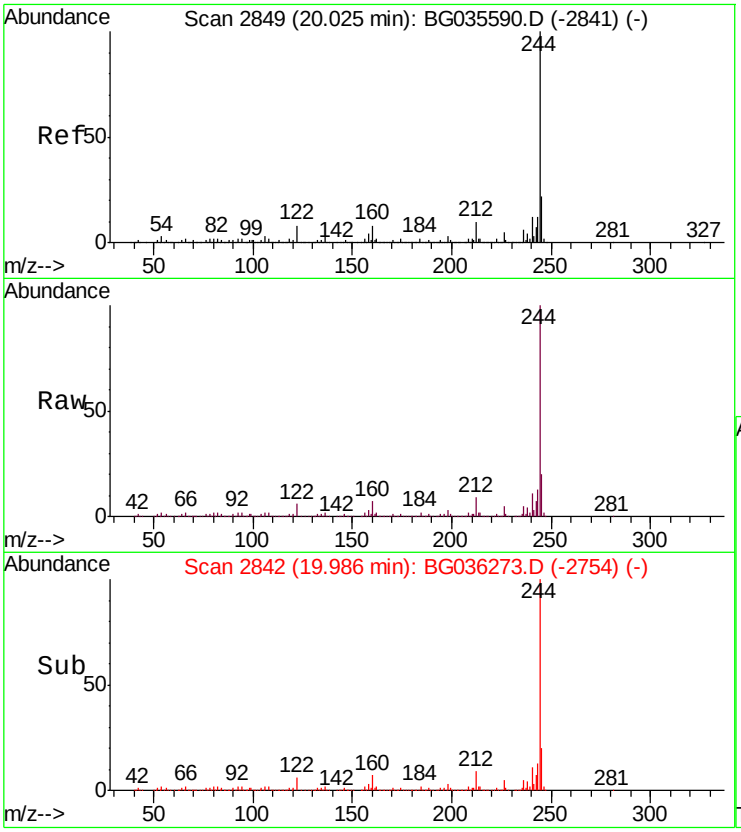


#76
Benzidine
Concen: 3.424 ng
RT: 19.98 min Scan# 2841
Delta R.T. 0.35 min
Lab File: BG036273.D
Acq: 10 Aug 2018 18:43

Tgt Ion:184 Resp: 17176

Ion	Ratio	Lower	Upper
184	100		
185	16.6	11.1	16.7
183	9.9	10.6	16.0#



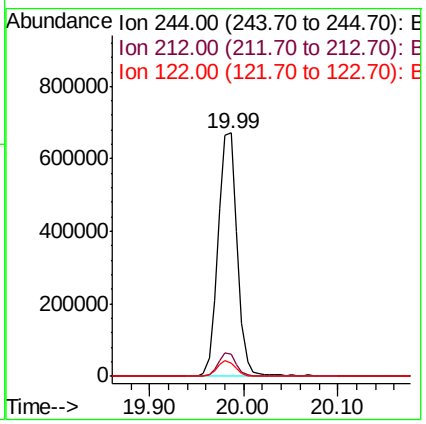


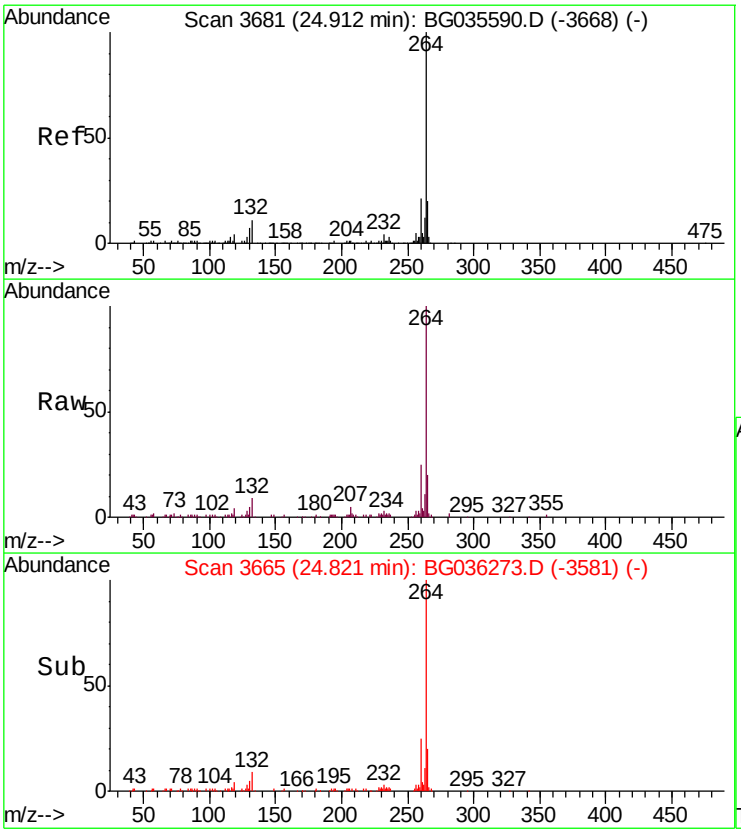
#78
Terphenyl-d14
Concen: 110.718 ng
RT: 19.99 min Scan# 2842
Delta R.T. -0.02 min
Lab File: BG036273.D
Acq: 10 Aug 2018 18:43

Instrument :
BNA_G
ClientSampleId :
MW-102S

Tgt Ion:244 Resp: 958451

Ion	Ratio	Lower	Upper
244	100		
212	8.9	5.8	8.8#
122	5.7	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.82 min Scan# 3665
Delta R.T. -0.04 min
Lab File: BG036273.D
Acq: 10 Aug 2018 18:43

Tgt Ion:264 Resp: 177310

Ion	Ratio	Lower	Upper
264	100		
260	25.4	17.4	26.0
265	20.0	17.7	26.5