Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081018\
Data File : BG036278.D
Acq On : 10 Aug 2018 22:01
Operator : JU/SJ
Sample : J4379-24
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-101D

Quant Time: Aug 10 23:07:23 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	24165	20.00	ng	-0.02
21) Naphthalene-d8	10.81	136	85573	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	63409	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	177642	20.00	ng	-0.02
75) Chrysene-d12	21.64	240	191066	20.00	ng	-0.02
86) Perylene-d12	24.83	264	175573	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	81410	55.93	ng	0.00
7) Phenol-d6	7.18	99	66953	30.83	ng	-0.02
23) Nitrobenzene-d5	9.17	82	204526	99.84	ng	-0.02
41) 2,4,6-Tribromophenol	16.12	330	142319	170.28	ng	-0.02
44) 2-Fluorobiphenyl	13.25	172	477557	100.90	ng	-0.02
78) Terphenyl-d14	19.98	244	909023	104.87	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	11869	16.022	ng	# 80
19) n-Nitroso-di-n-propylamine	9.17	70	28637	15.660	ng	# 66
50) 2,6-Dinitrotoluene	14.63	165	8045	7.111	ng	# 18
56) 2,4-Dinitrotoluene	14.63	165	8045	4.957	ng	# 16
66) 4-Bromophenyl-phenylether	16.12	248	11243	5.455	ng	# 1
76) Benzidine	19.99	184	16202	3.225	ng	# 92

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

Quantitation Report (Not Reviewed)

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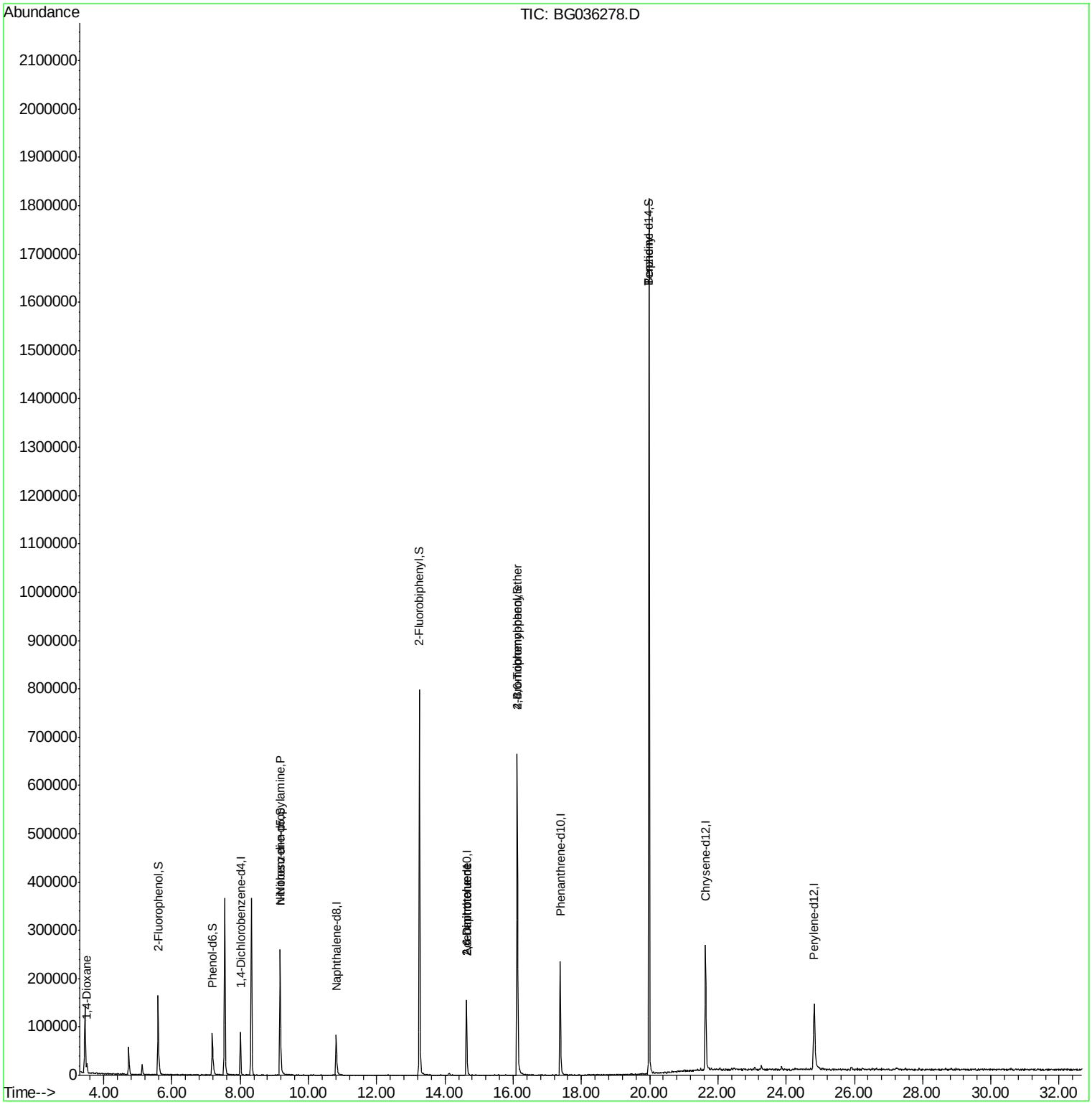
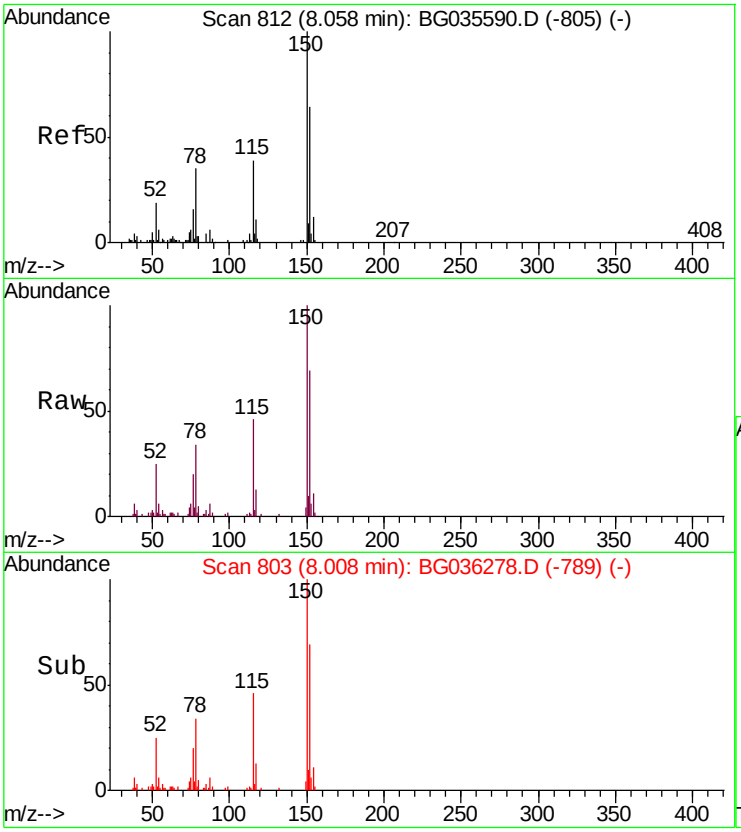
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 12:30:06 2018
Response via : Initial Calibration



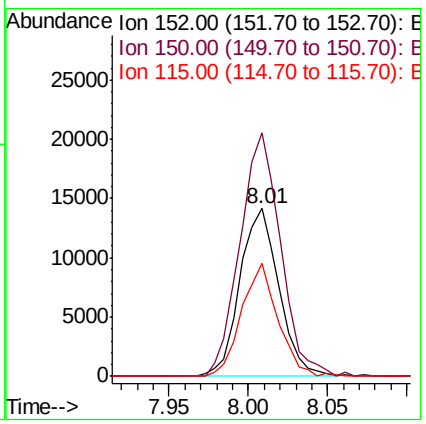


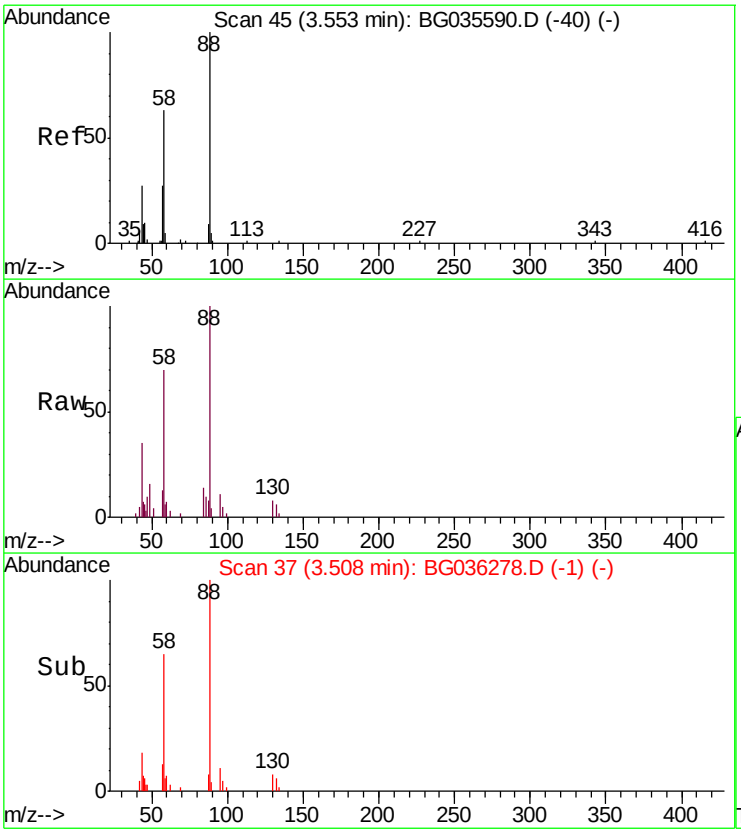
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 803
Delta R.T. -0.02 min
Lab File: BG036278.D
Acq: 10 Aug 2018 22:01

Instrument :
BNA_G
ClientSampleId :
MW-101D

Tgt Ion:152 Resp: 24165

Ion	Ratio	Lower	Upper
152	100		
150	144.9	126.6	189.8
115	67.4	53.0	79.4

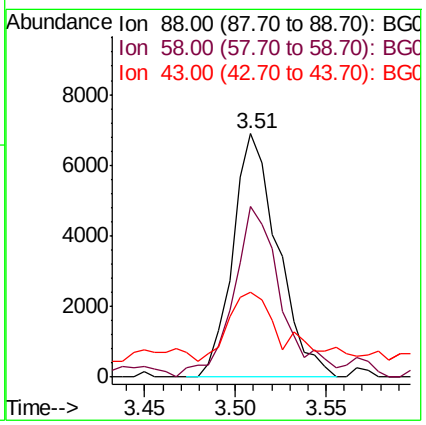


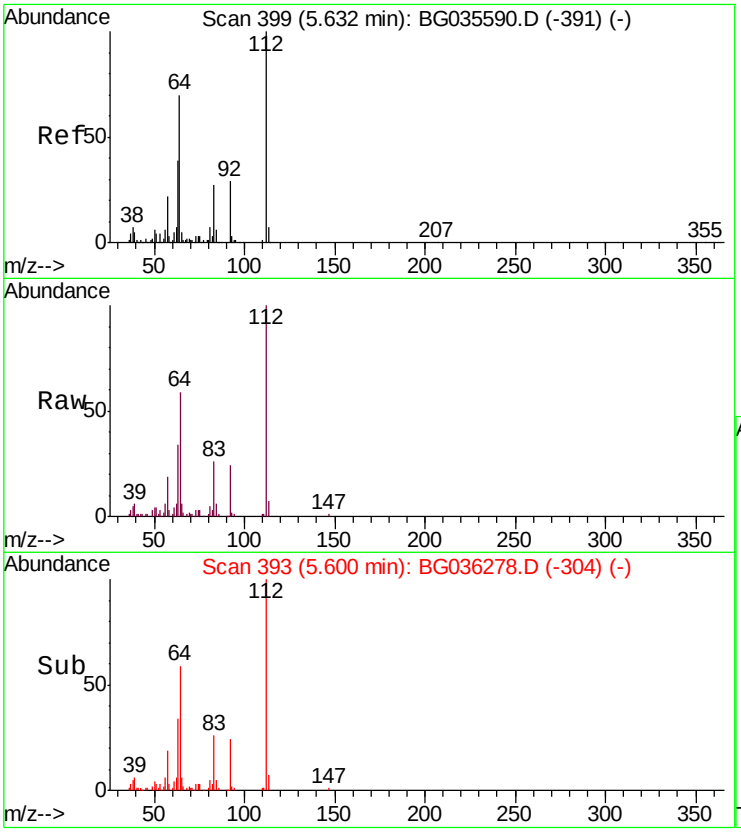


#2
1,4-Dioxane
Concen: 16.022 ng
RT: 3.51 min Scan# 37
Delta R.T. -0.02 min
Lab File: BG036278.D
Acq: 10 Aug 2018 22:01

Tgt Ion: 88 Resp: 11869

Ion	Ratio	Lower	Upper
88	100		
58	73.8	79.6	119.4#
43	36.4	27.4	41.0



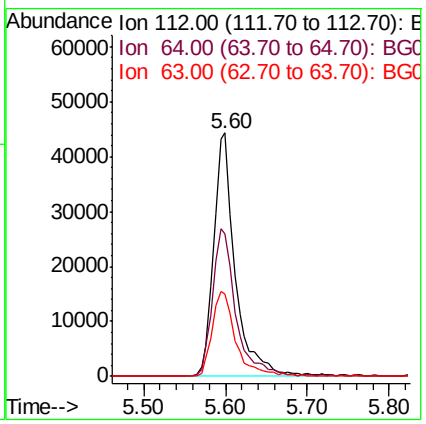


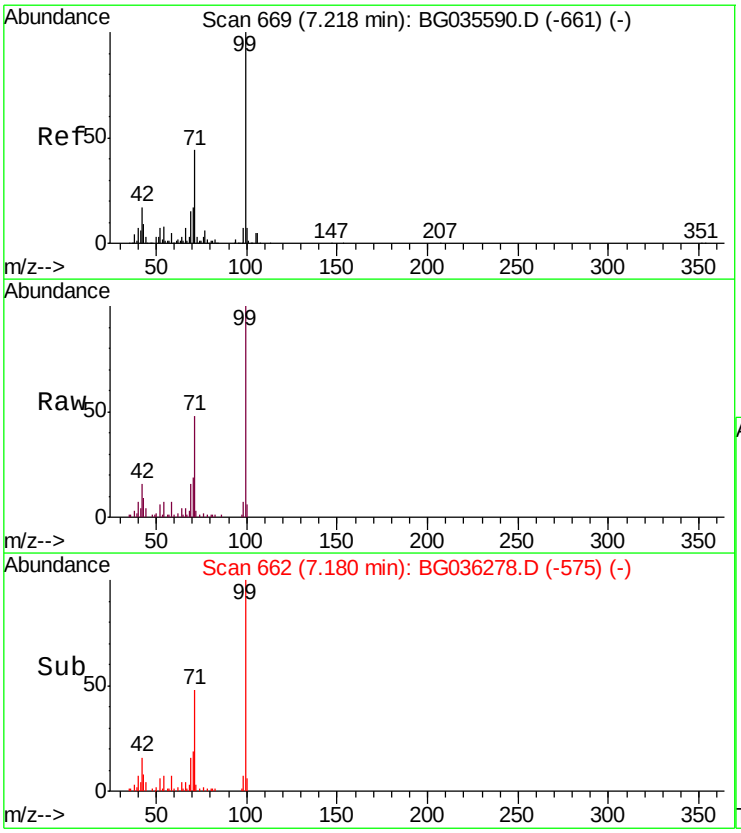
#5
2-Fluorophenol
Concen: 55.932 ng
RT: 5.60 min Scan# 393
Delta R.T. -0.00 min
Lab File: BG036278.D
Acq: 10 Aug 2018 22:01

Instrument :
BNA_G
ClientSampleId :
MW-101D

Tgt Ion:112 Resp: 81410

Ion	Ratio	Lower	Upper
112	100		
64	58.8	56.3	84.5
63	33.8	30.1	45.1

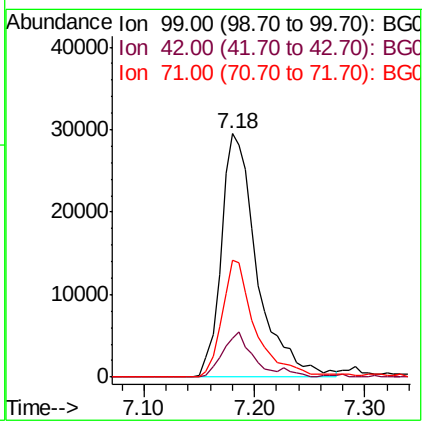


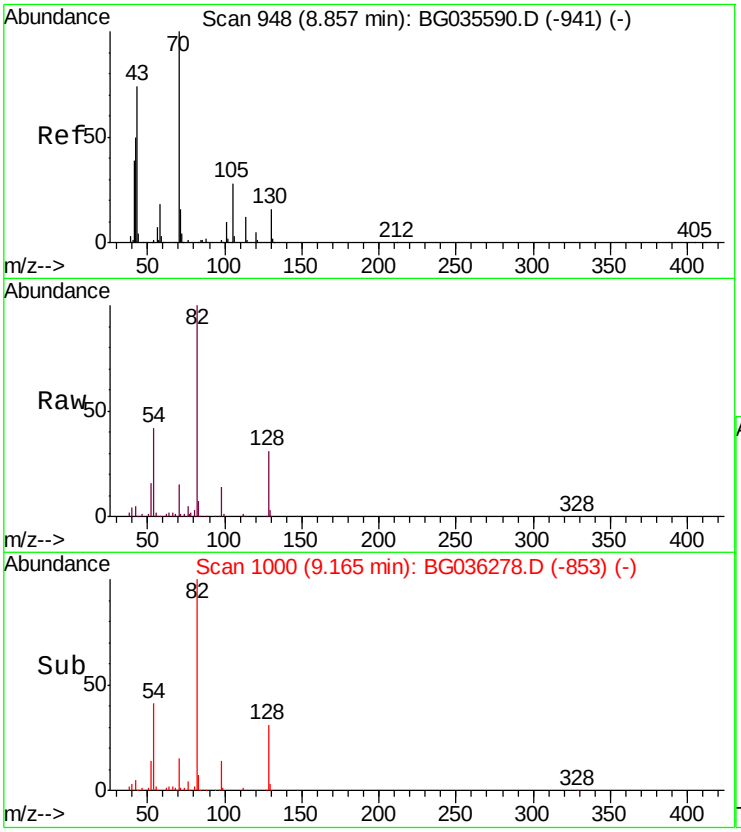


#7
Phenol-d6
Concen: 30.831 ng
RT: 7.18 min Scan# 662
Delta R.T. -0.02 min
Lab File: BG036278.D
Acq: 10 Aug 2018 22:01

Tgt Ion: 99 Resp: 66953

Ion	Ratio	Lower	Upper
99	100		
42	16.1	14.1	21.1
71	47.9	26.1	39.1#



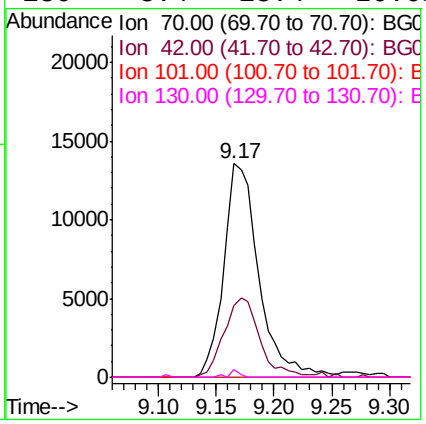


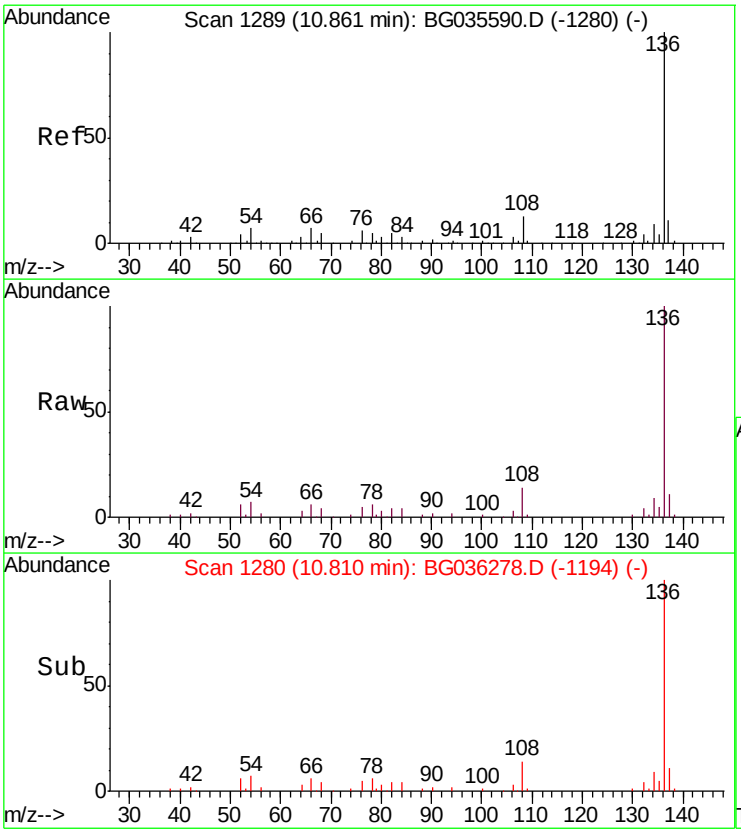
#19
n-Nitroso-di-n-propylamine
Concen: 15.660 ng
RT: 9.17 min Scan# 1000
Delta R.T. 0.34 min
Lab File: BG036278.D
Acq: 10 Aug 2018 22:01

Instrument :
BNA_G
ClientSampleId :
MW-101D

Tgt Ion: 70 Resp: 28637

Ion	Ratio	Lower	Upper
70	100		
42	33.8	49.1	73.7#
101	0.0	8.5	12.7#
130	3.4	13.4	20.0#

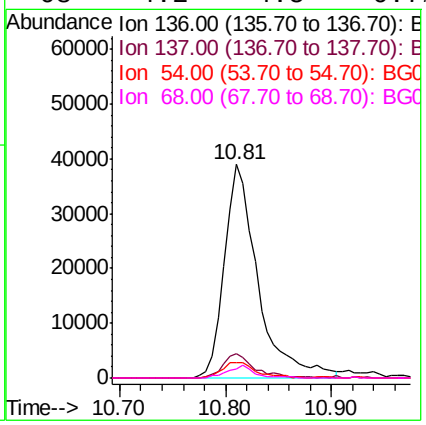


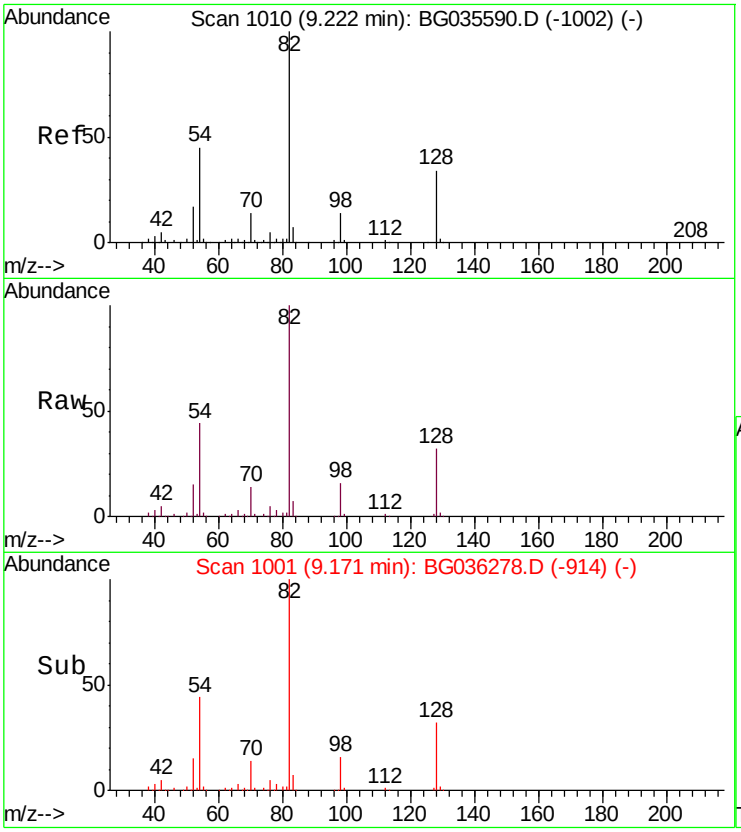


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BG036278.D
Acq: 10 Aug 2018 22:01

Tgt Ion:136 Resp: 85573

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.2	13.8
54	7.0	10.3	15.5#
68	4.2	4.5	6.7#



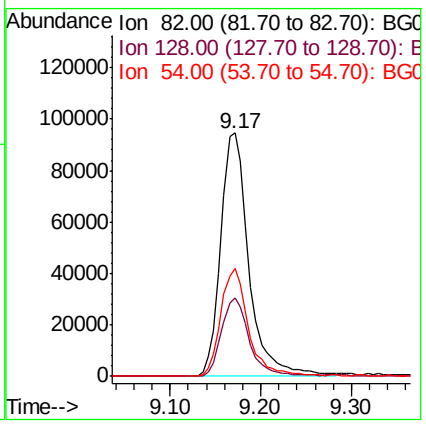


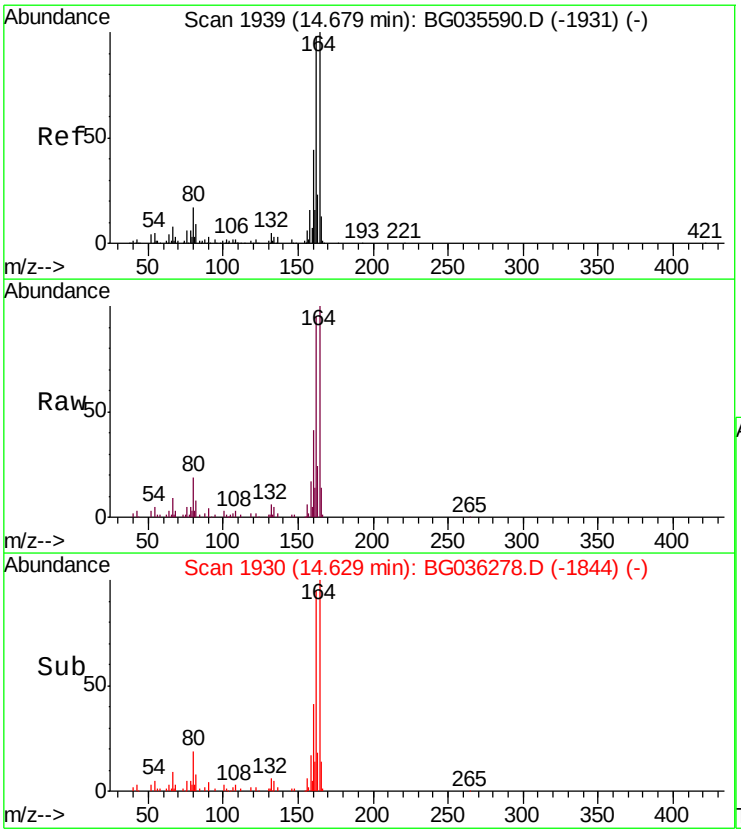
#23
Nitrobenzene-d5
Concen: 99.845 ng
RT: 9.17 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BG036278.D
Acq: 10 Aug 2018 22:01

Instrument :
BNA_G
ClientSampleId :
MW-101D

Tgt Ion: 82 Resp: 204526

Ion	Ratio	Lower	Upper
82	100		
128	32.3	29.7	44.5
54	44.3	43.1	64.7

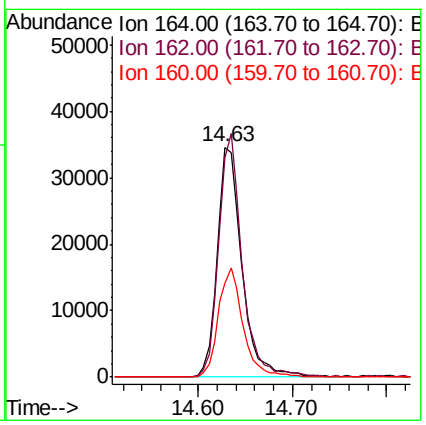


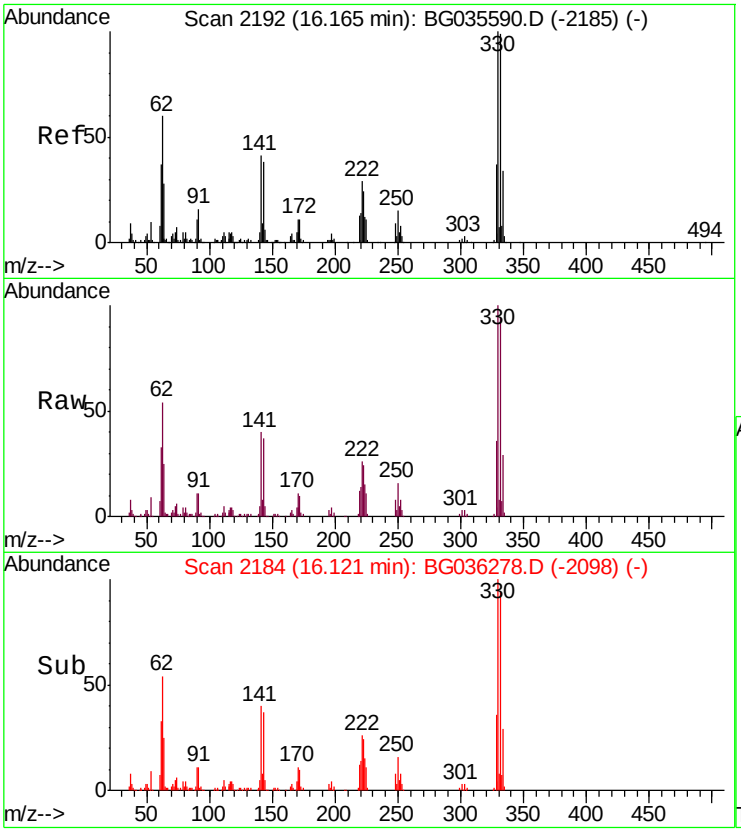


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1930
Delta R.T. -0.02 min
Lab File: BG036278.D
Acq: 10 Aug 2018 22:01

Tgt Ion:164 Resp: 63409

Ion	Ratio	Lower	Upper
164	100		
162	95.5	78.8	118.2
160	40.9	35.4	53.0



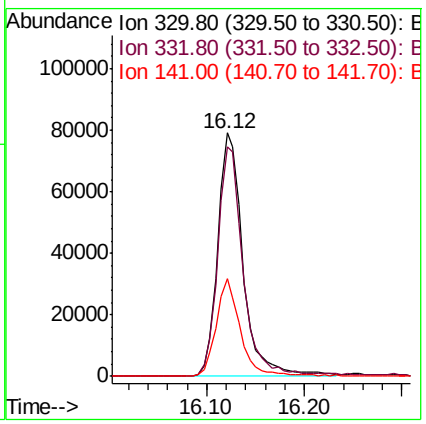


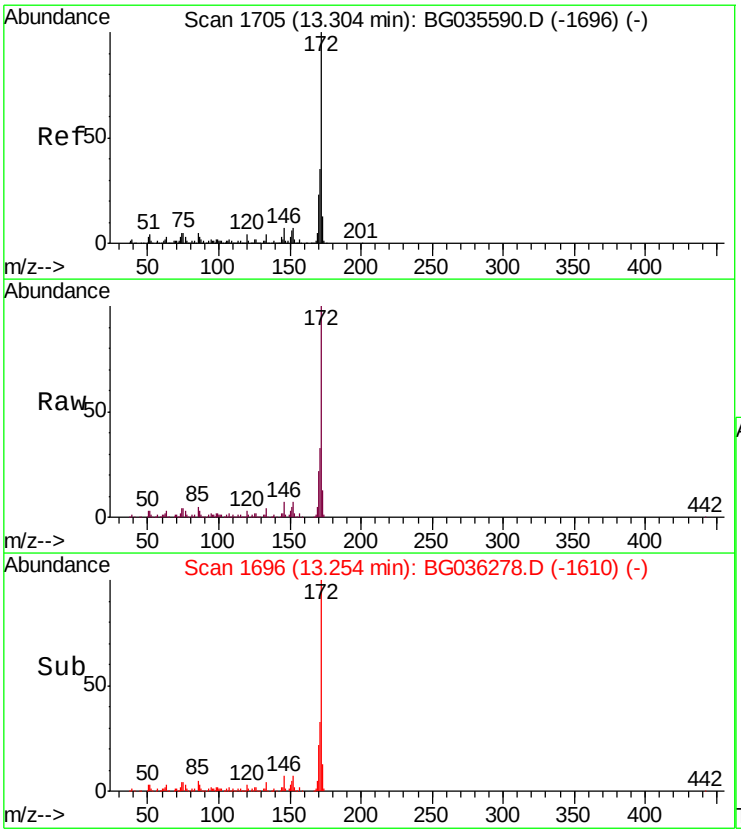
#41
2,4,6-Tribromophenol
Concen: 170.285 ng
RT: 16.12 min Scan# 2184
Delta R.T. -0.02 min
Lab File: BG036278.D
Acq: 10 Aug 2018 22:01

Instrument :
BNA_G
ClientSampleId :
MW-101D

Tgt Ion:330 Resp: 142319

Ion	Ratio	Lower	Upper
330	100		
332	93.6	77.0	115.6
141	38.3	25.2	37.8#

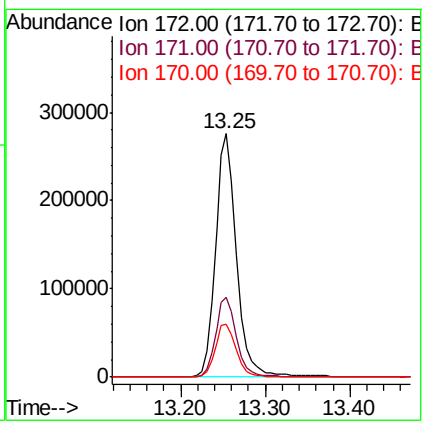


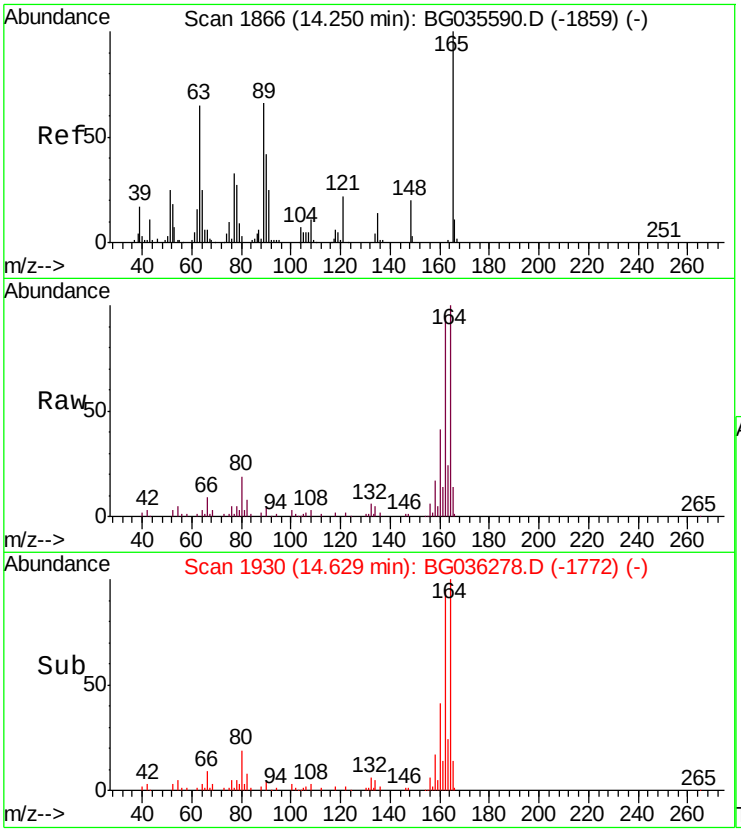


#44
2-Fluorobiphenyl
Concen: 100.901 ng
RT: 13.25 min Scan# 1696
Delta R.T. -0.02 min
Lab File: BG036278.D
Acq: 10 Aug 2018 22:01

Tgt Ion:172 Resp: 477557

Ion	Ratio	Lower	Upper
172	100		
171	32.9	30.0	45.0
170	21.8	19.5	29.3



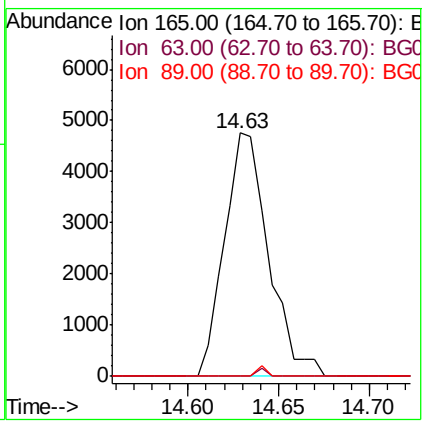


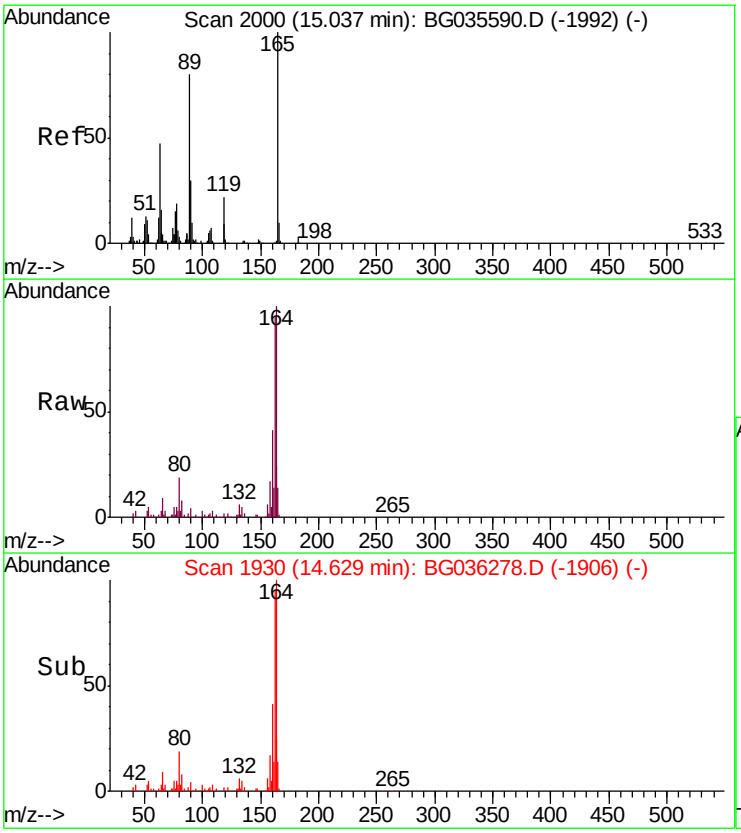
#50
2,6-Dinitrotoluene
Concen: 7.111 ng
RT: 14.63 min Scan# 1930
Delta R.T. 0.40 min
Lab File: BG036278.D
Acq: 10 Aug 2018 22:01

Instrument :
BNA_G
ClientSampleId :
MW-101D

Tgt Ion:165 Resp: 8045

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

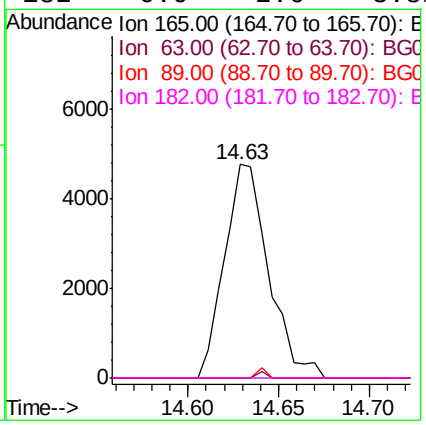


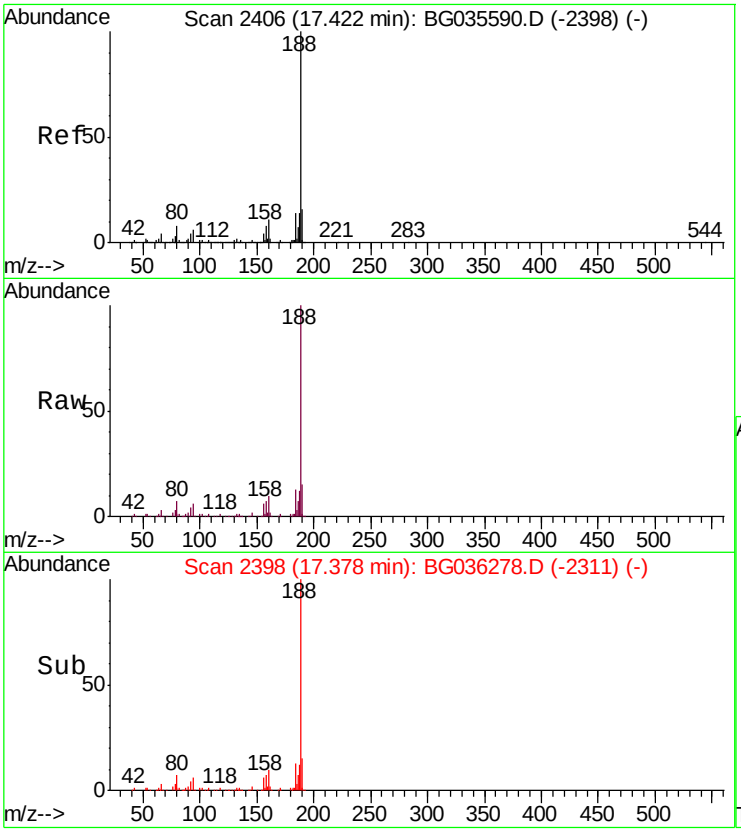


#56
2,4-Dinitrotoluene
Concen: 4.957 ng
RT: 14.63 min Scan# 1930
Delta R.T. -0.39 min
Lab File: BG036278.D
Acq: 10 Aug 2018 22:01

Tgt Ion:165 Resp: 8045

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#



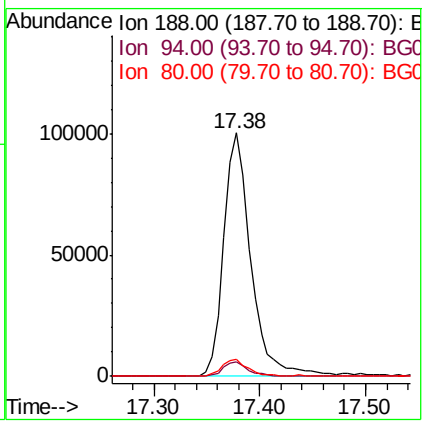


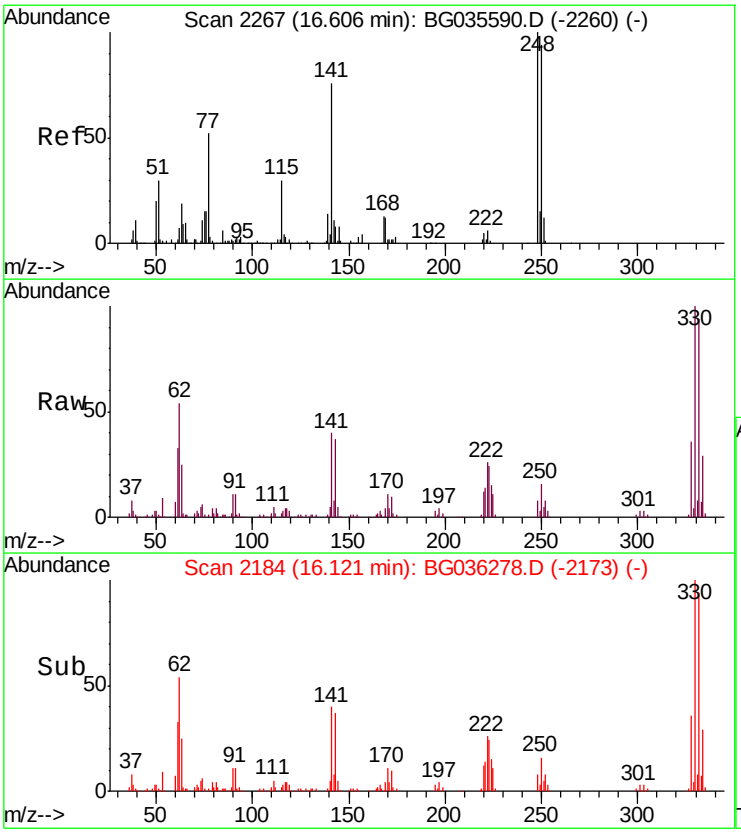
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2398
Delta R.T. -0.02 min
Lab File: BG036278.D
Acq: 10 Aug 2018 22:01

Instrument :
BNA_G
ClientSampleId :
MW-101D

Tgt Ion:188 Resp: 177642

Ion	Ratio	Lower	Upper
188	100		
94	6.0	6.9	10.3#
80	7.1	7.7	11.5#

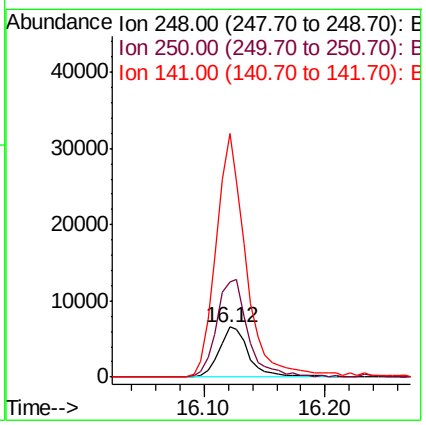


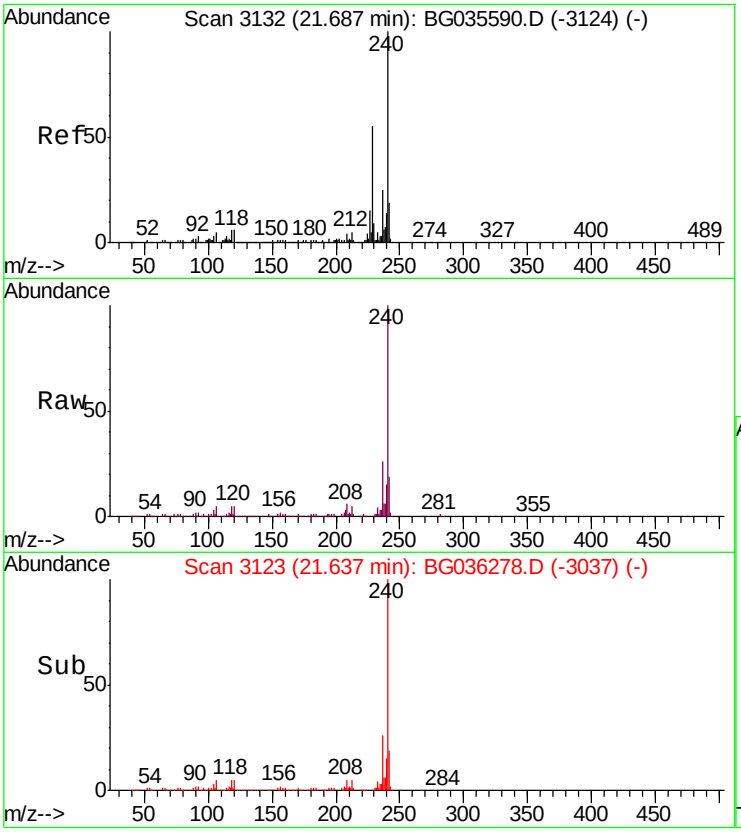


#66
4-Bromophenyl-phenylether
Concen: 5.455 ng
RT: 16.12 min Scan# 2184
Delta R.T. -0.46 min
Lab File: BG036278.D
Acq: 10 Aug 2018 22:01

Tgt Ion:248 Resp: 11243

Ion	Ratio	Lower	Upper
248	100		
250	190.7	77.1	115.7#
141	489.8	50.8	76.2#



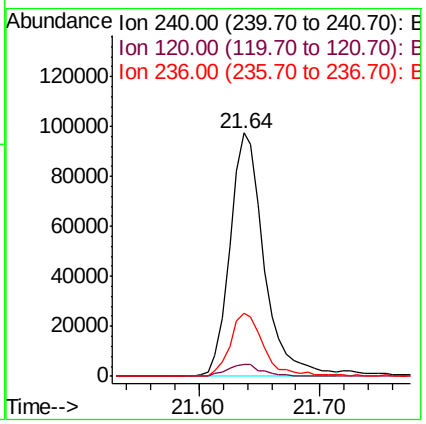


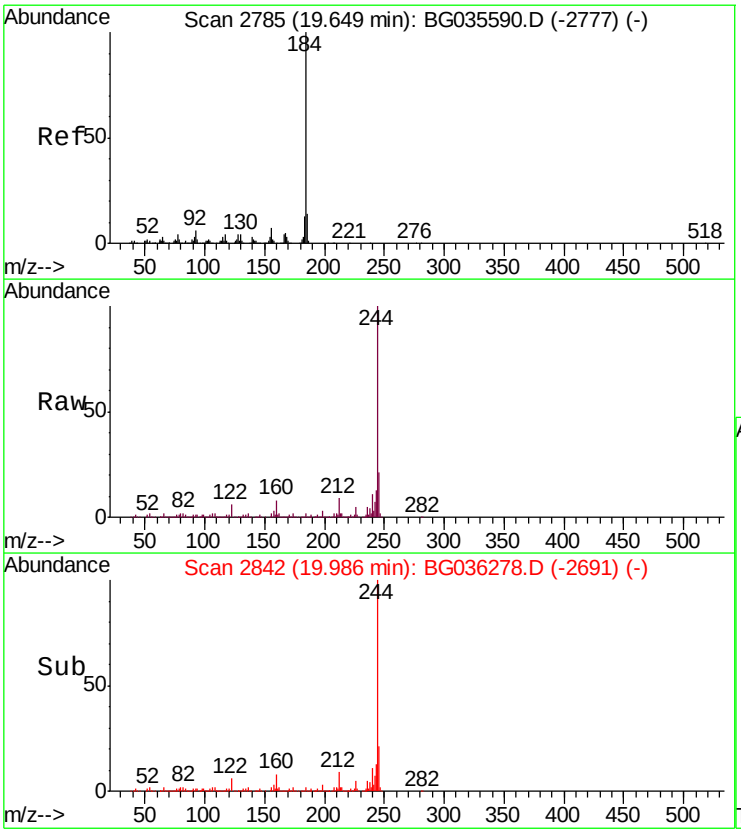
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3123
Delta R.T. -0.02 min
Lab File: BG036278.D
Acq: 10 Aug 2018 22:01

Instrument :
BNA_G
ClientSampleId :
MW-101D

Tgt Ion:240 Resp: 191066

Ion	Ratio	Lower	Upper
240	100		
120	5.0	6.8	10.2#
236	26.2	20.9	31.3

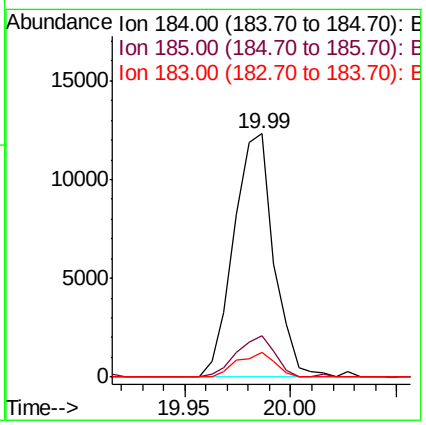


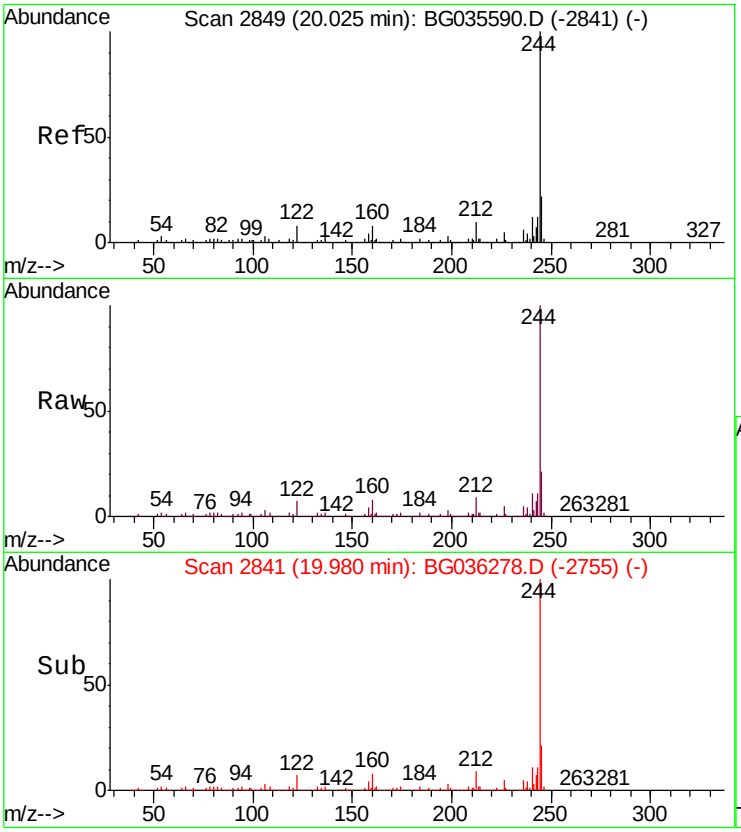


#76
Benzidine
Concen: 3.225 ng
RT: 19.99 min Scan# 2842
Delta R.T. 0.36 min
Lab File: BG036278.D
Acq: 10 Aug 2018 22:01

Tgt Ion:184 Resp: 16202

Ion	Ratio	Lower	Upper
184	100		
185	17.2	11.1	16.7#
183	10.4	10.6	16.0#



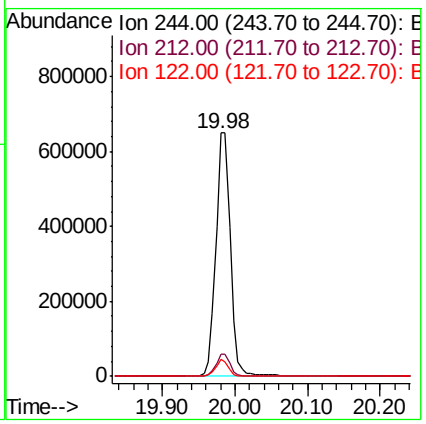


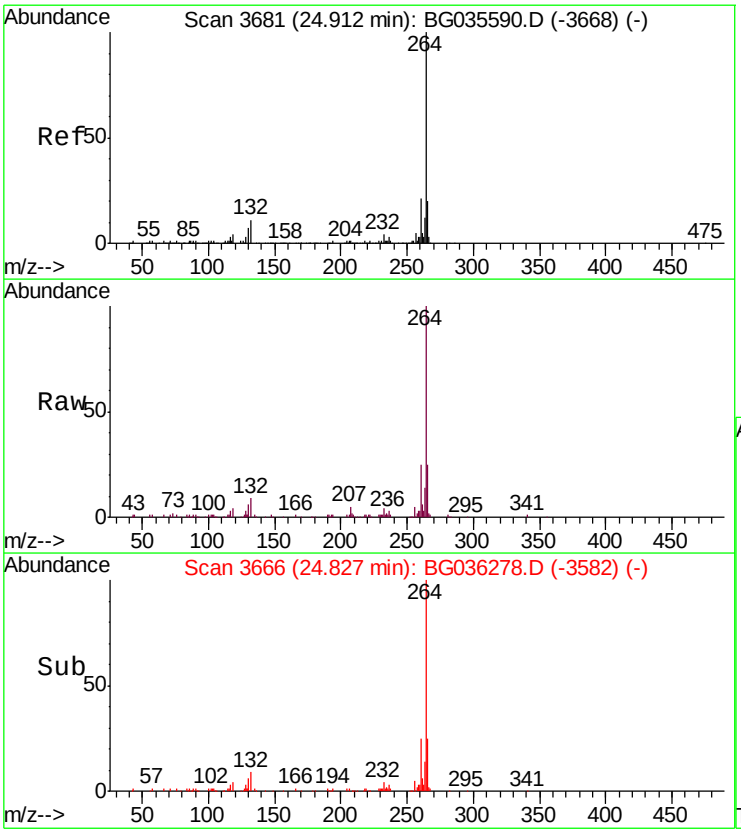
#78
Terphenyl-d14
Concen: 104.873 ng
RT: 19.98 min Scan# 2841
Delta R.T. -0.02 min
Lab File: BG036278.D
Acq: 10 Aug 2018 22:01

Instrument :
BNA_G
ClientSampleId :
MW-101D

Tgt Ion:244 Resp: 909023

Ion	Ratio	Lower	Upper
244	100		
212	9.3	5.8	8.8#
122	6.8	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: BG036278.D
Acq: 10 Aug 2018 22:01

Tgt Ion:264 Resp: 175573

Ion	Ratio	Lower	Upper
264	100		
260	25.1	17.4	26.0
265	25.5	17.7	26.5