Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081018\
Data File : BG036274.D
Acq On : 10 Aug 2018 19:23
Operator : JU/SJ
Sample : J4379-20
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-102I

Quant Time: Aug 10 23:06:36 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	26816	20.00	ng	-0.02
21) Naphthalene-d8	10.81	136	93191	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	67319	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	182522	20.00	ng	-0.02
75) Chrysene-d12	21.64	240	194639	20.00	ng	-0.02
86) Perylene-d12	24.82	264	182223	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	95039	58.84	ng	0.00
7) Phenol-d6	7.18	99	81186	33.69	ng	-0.01
23) Nitrobenzene-d5	9.17	82	221407	99.25	ng	-0.02
41) 2,4,6-Tribromophenol	16.12	330	147250	165.95	ng	-0.02
44) 2-Fluorobiphenyl	13.25	172	511402	101.78	ng	-0.02
78) Terphenyl-d14	19.98	244	921066	104.31	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.17	70	30965	15.259	ng	# 66
50) 2,6-Dinitrotoluene	14.63	165	9336	7.773	ng	# 18
53) 2,4-Dinitrophenol	14.67	184	54	6.662	ng	# 1
56) 2,4-Dinitrotoluene	14.63	165	9336	5.418	ng	# 16
66) 4-Bromophenyl-phenylether	16.12	248	11380	5.374	ng	# 1
76) Benzidine	19.98	184	15573	3.043	ng	# 90

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

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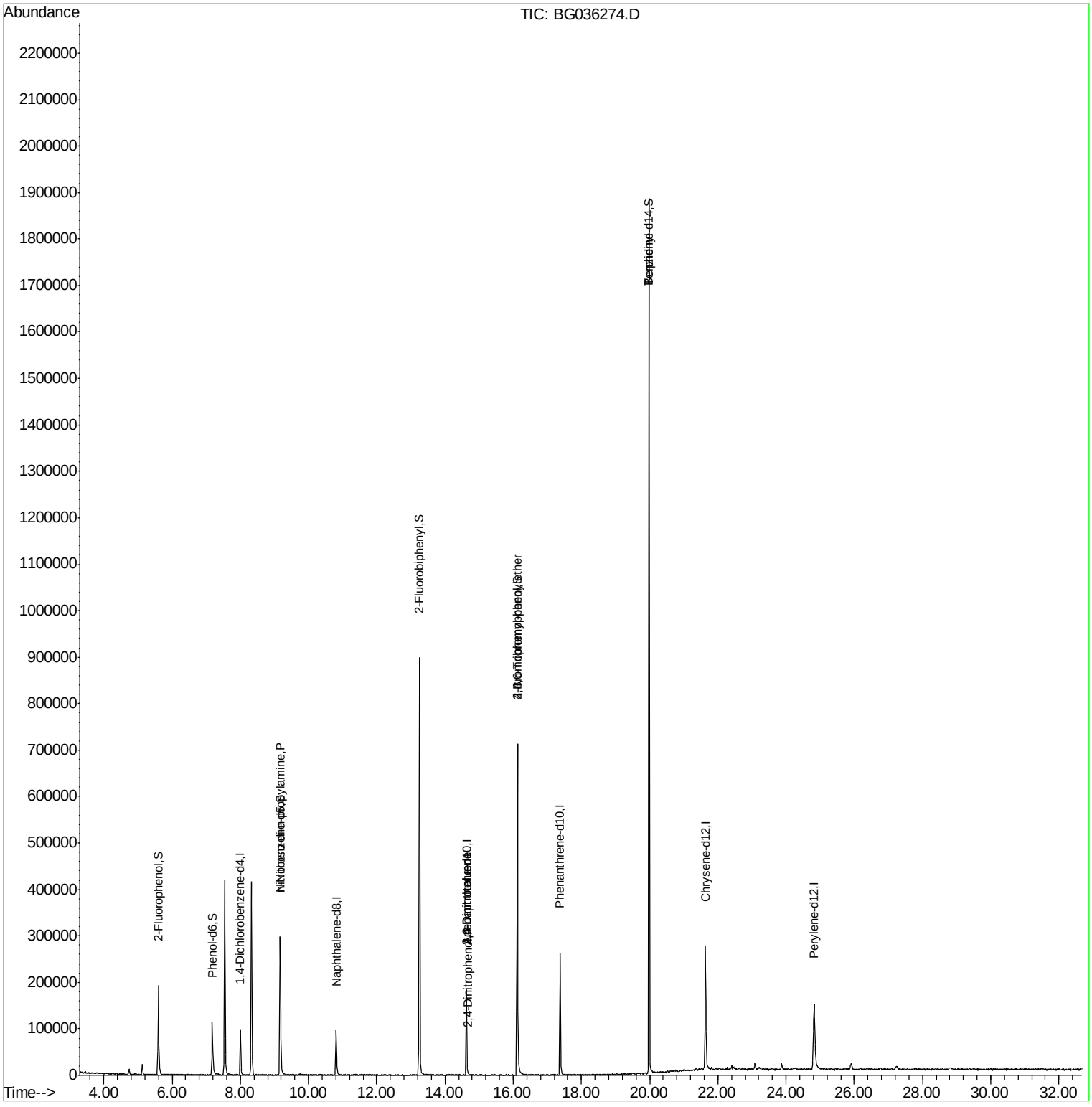
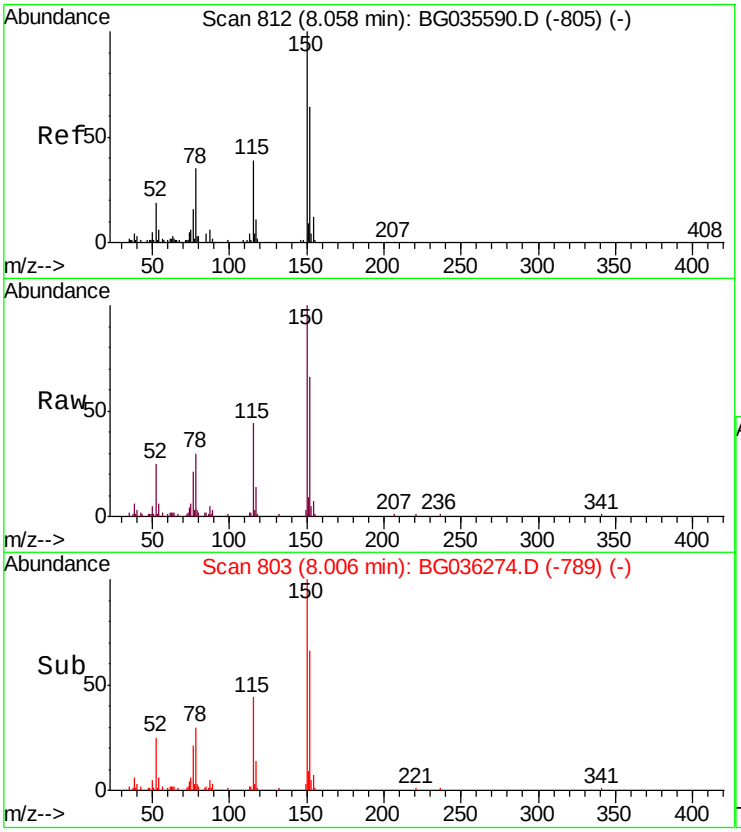


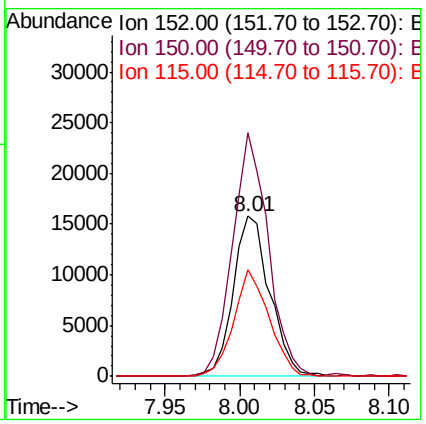


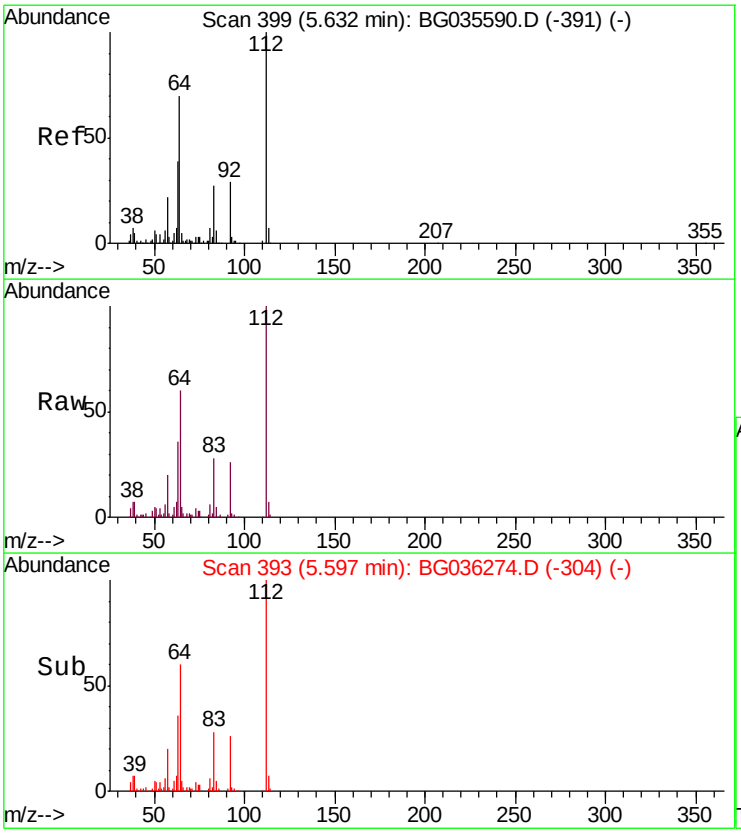
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 803
Delta R.T. -0.02 min
Lab File: BG036274.D
Acq: 10 Aug 2018 19:23

Instrument :
BNA_G
ClientSampleId :
MW-102I

Tgt Ion:152 Resp: 26816

Ion	Ratio	Lower	Upper
152	100		
150	152.4	126.6	189.8
115	66.8	53.0	79.4

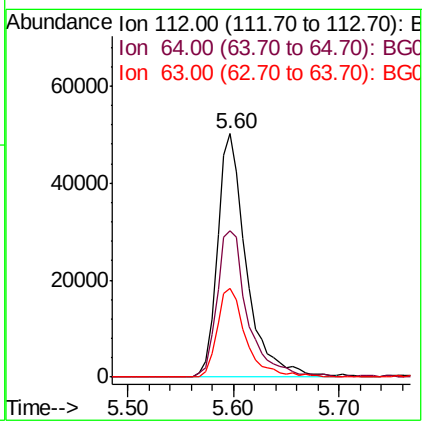


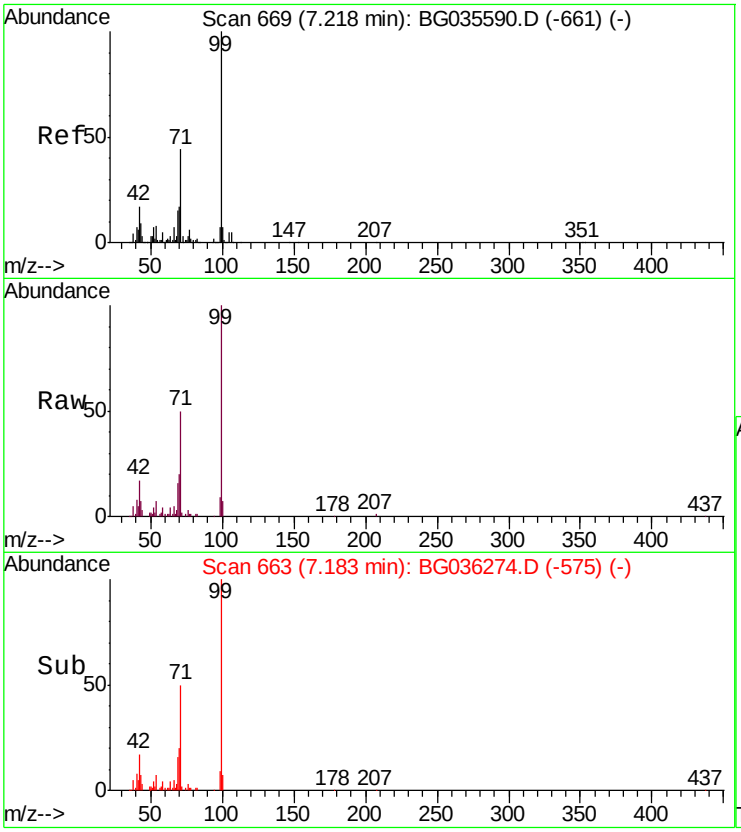


#5
2-Fluorophenol
Concen: 58.841 ng
RT: 5.60 min Scan# 393
Delta R.T. -0.01 min
Lab File: BG036274.D
Acq: 10 Aug 2018 19:23

Tgt Ion:112 Resp: 95039

Ion	Ratio	Lower	Upper
112	100		
64	60.3	56.3	84.5
63	36.2	30.1	45.1



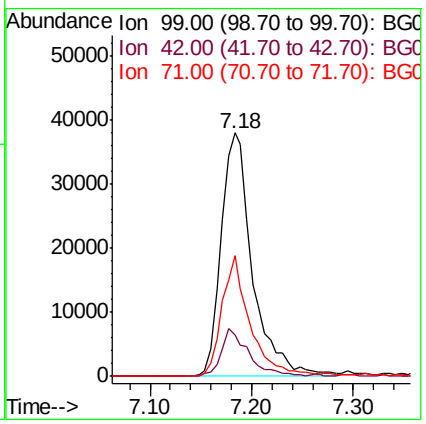


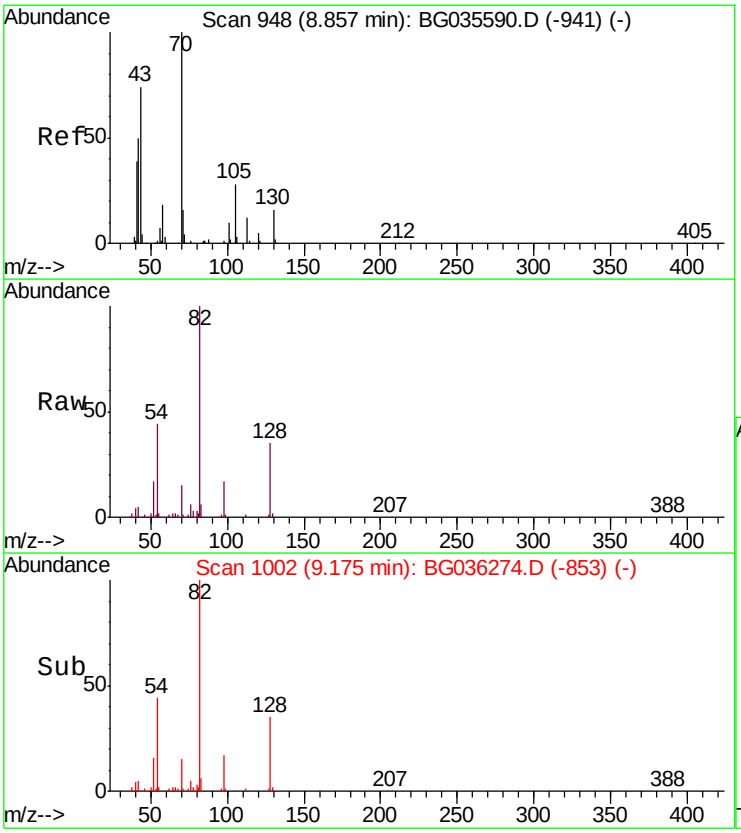
#7
Phenol-d6
Concen: 33.689 ng
RT: 7.18 min Scan# 663
Delta R.T. -0.01 min
Lab File: BG036274.D
Acq: 10 Aug 2018 19:23

Instrument :
BNA_G
ClientSampleId :
MW-102I

Tgt Ion: 99 Resp: 81186

Ion	Ratio	Lower	Upper
99	100		
42	17.2	14.1	21.1
71	49.8	26.1	39.1#

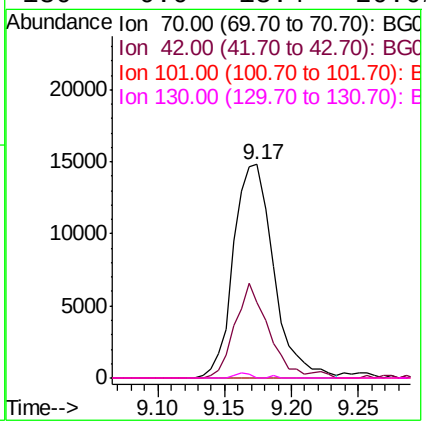


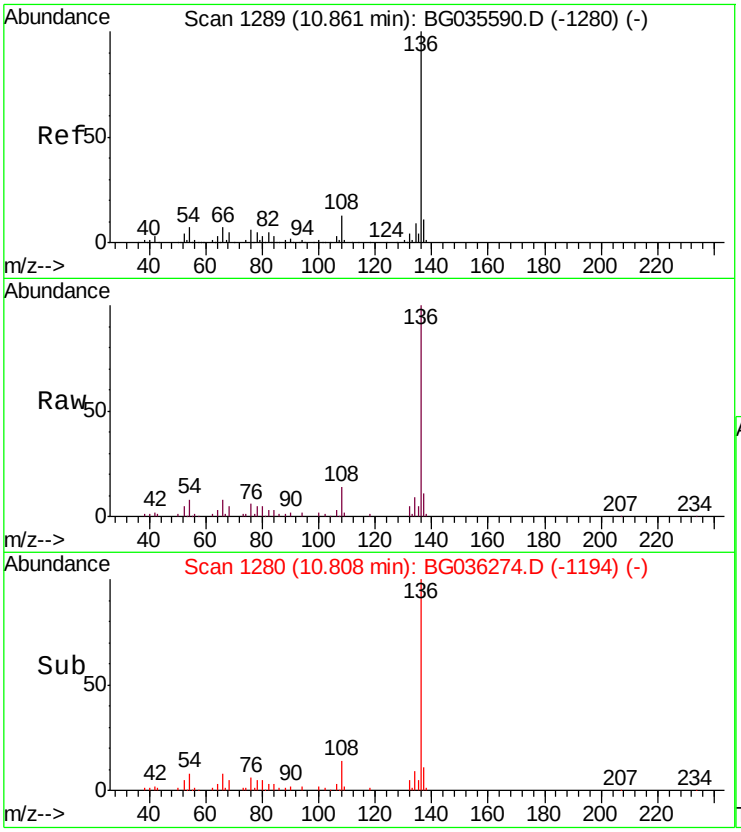


#19
n-Nitroso-di-n-propylamine
Concen: 15.259 ng
RT: 9.17 min Scan# 1002
Delta R.T. 0.35 min
Lab File: BG036274.D
Acq: 10 Aug 2018 19:23

Tgt Ion: 70 Resp: 30965

Ion	Ratio	Lower	Upper
70	100		
42	35.7	49.1	73.7#
101	0.0	8.5	12.7#
130	0.0	13.4	20.0#



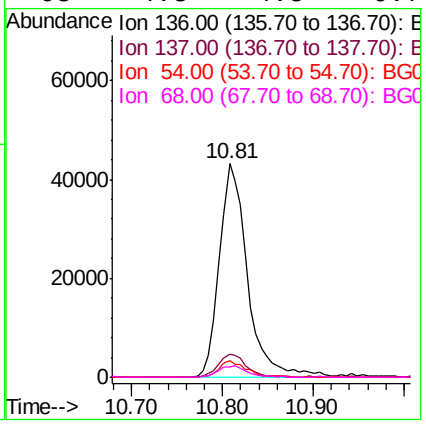


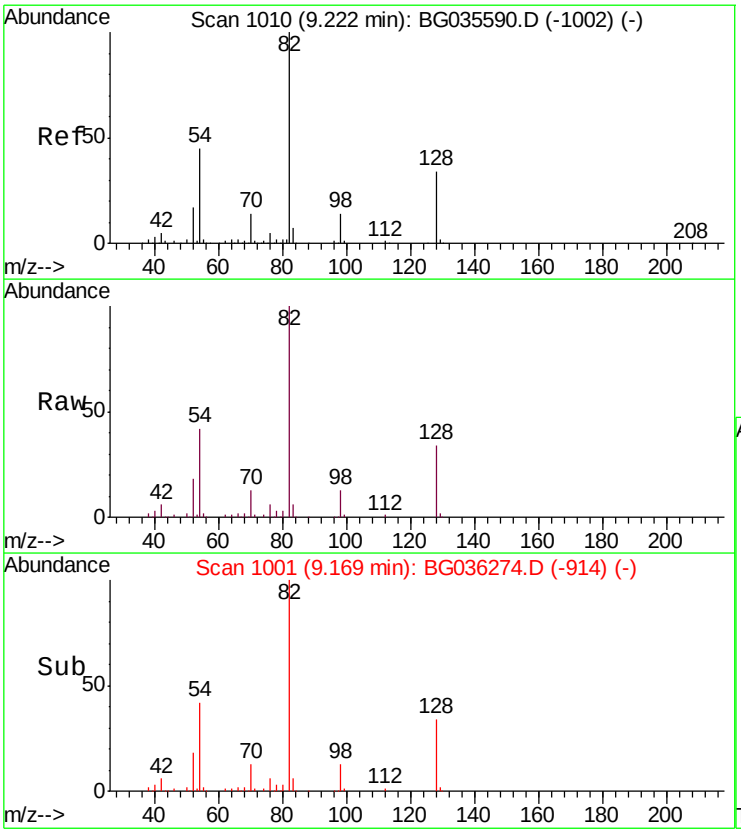
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BG036274.D
Acq: 10 Aug 2018 19:23

Instrument :
BNA_G
ClientSampleId :
MW-102I

Tgt Ion:136 Resp: 93191

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	7.7	10.3	15.5#
68	4.8	4.5	6.7

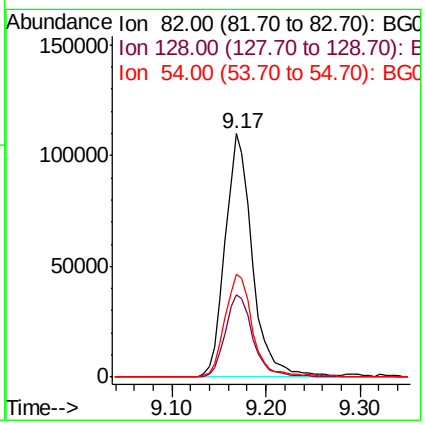


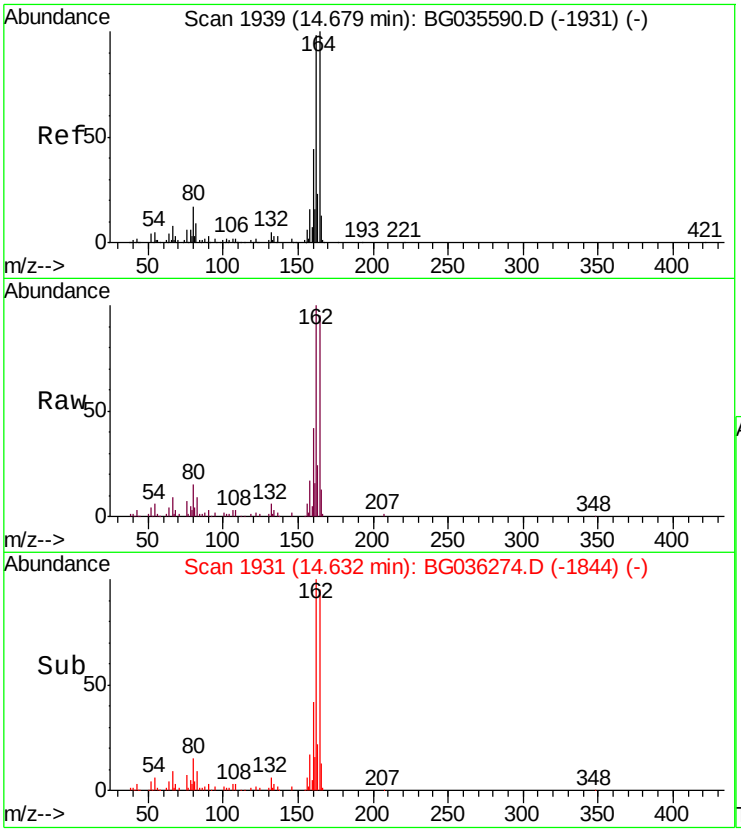


#23
Nitrobenzene-d5
Concen: 99.250 ng
RT: 9.17 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BG036274.D
Acq: 10 Aug 2018 19:23

Tgt Ion: 82 Resp: 221407

Ion	Ratio	Lower	Upper
82	100		
128	33.8	29.7	44.5
54	42.2	43.1	64.7#



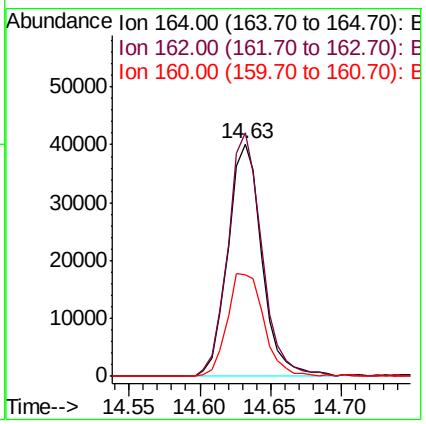


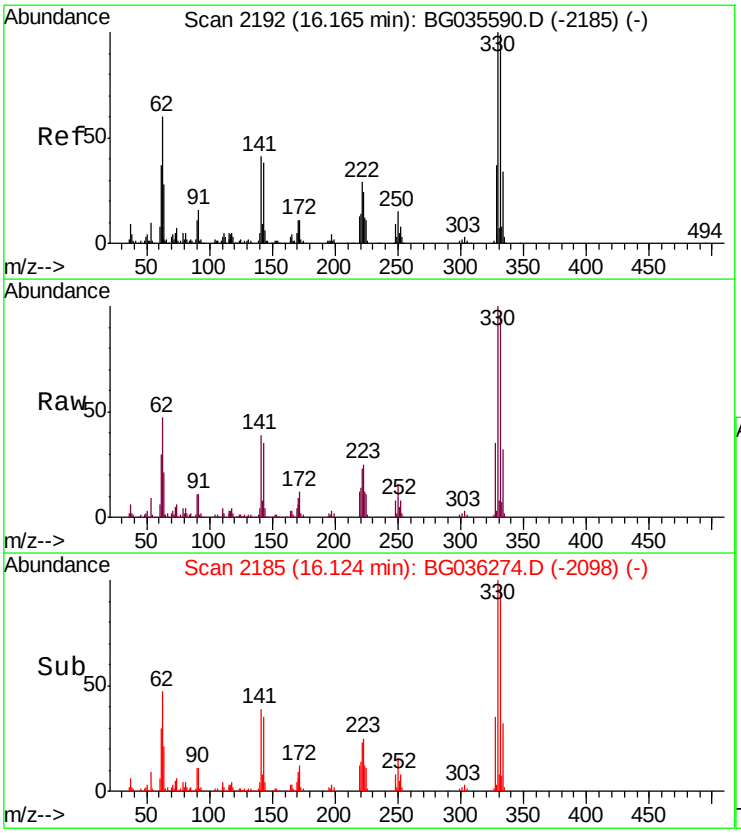
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1931
Delta R.T. -0.02 min
Lab File: BG036274.D
Acq: 10 Aug 2018 19:23

Instrument :
BNA_G
ClientSampleId :
MW-102I

Tgt Ion:164 Resp: 67319

Ion	Ratio	Lower	Upper
164	100		
162	104.8	78.8	118.2
160	43.8	35.4	53.0

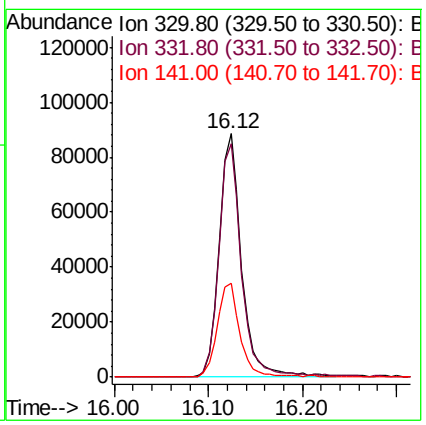


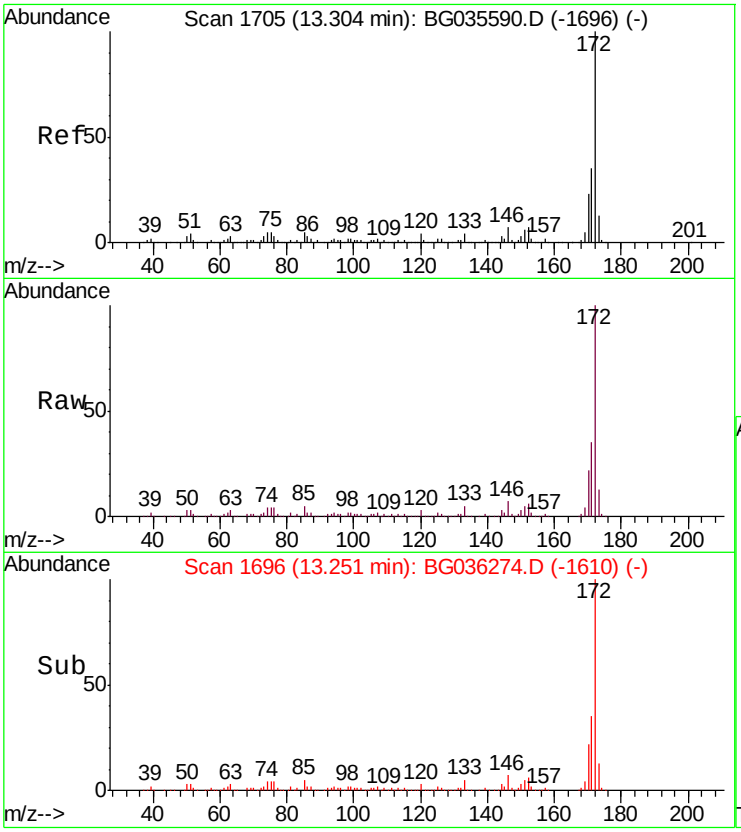


#41
2,4,6-Tribromophenol
Concen: 165.951 ng
RT: 16.12 min Scan# 2185
Delta R.T. -0.02 min
Lab File: BG036274.D
Acq: 10 Aug 2018 19:23

Tgt Ion:330 Resp: 147250

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	39.0	25.2	37.8#



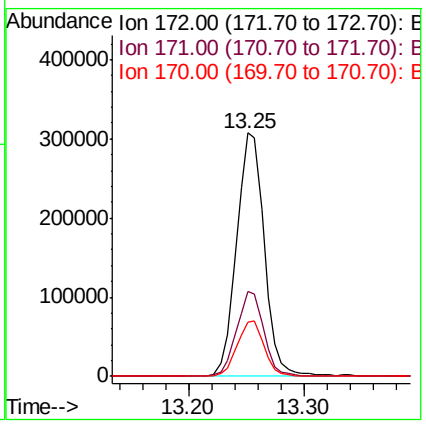


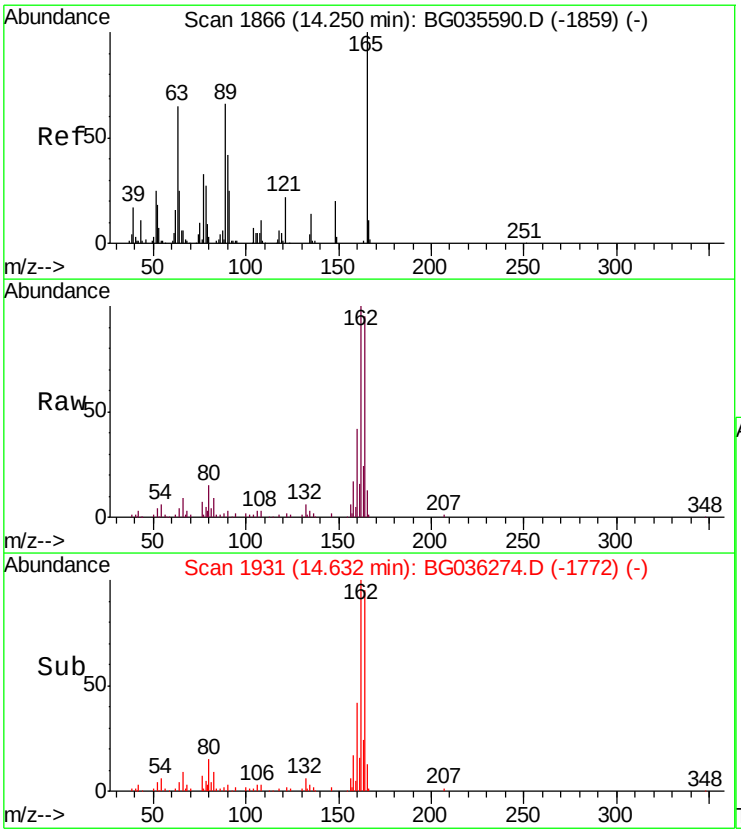
#44
2-Fluorobiphenyl
Concen: 101.776 ng
RT: 13.25 min Scan# 1696
Delta R.T. -0.02 min
Lab File: BG036274.D
Acq: 10 Aug 2018 19:23

Instrument :
BNA_G
ClientSampleId :
MW-102I

Tgt Ion:172 Resp: 511402

Ion	Ratio	Lower	Upper
172	100		
171	34.8	30.0	45.0
170	22.5	19.5	29.3

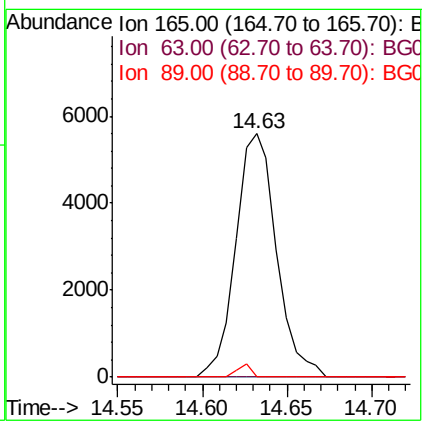


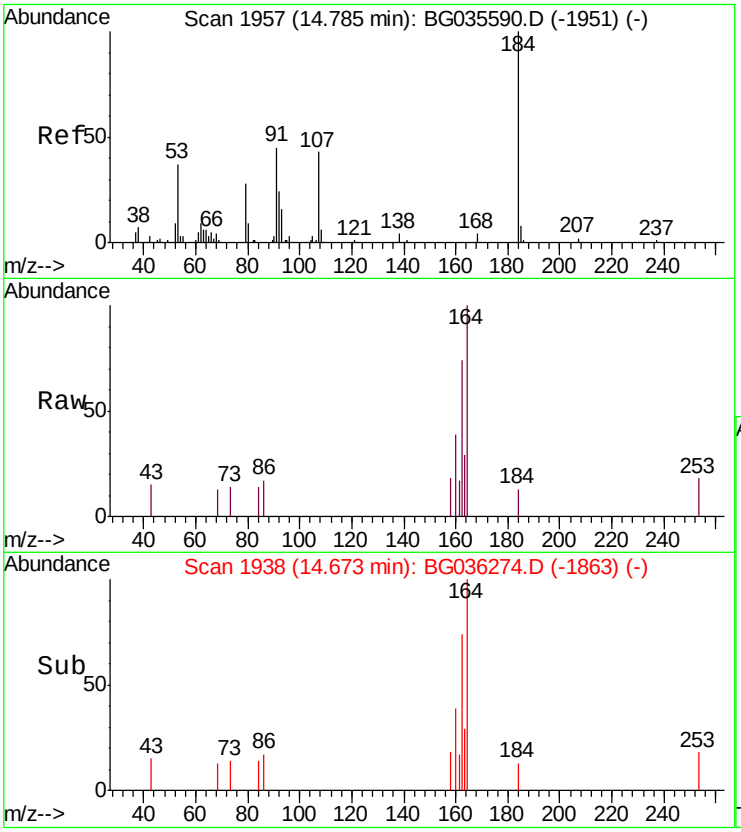


#50
2,6-Dinitrotoluene
Concen: 7.773 ng
RT: 14.63 min Scan# 1931
Delta R.T. 0.40 min
Lab File: BG036274.D
Acq: 10 Aug 2018 19:23

Tgt Ion:165 Resp: 9336

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



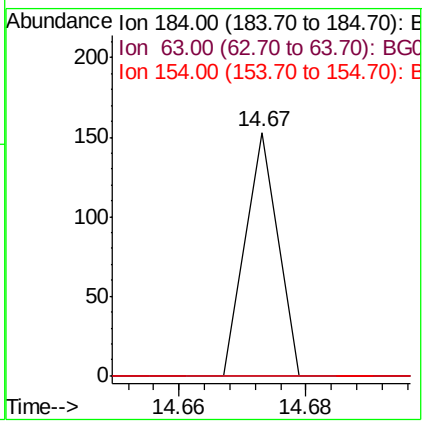


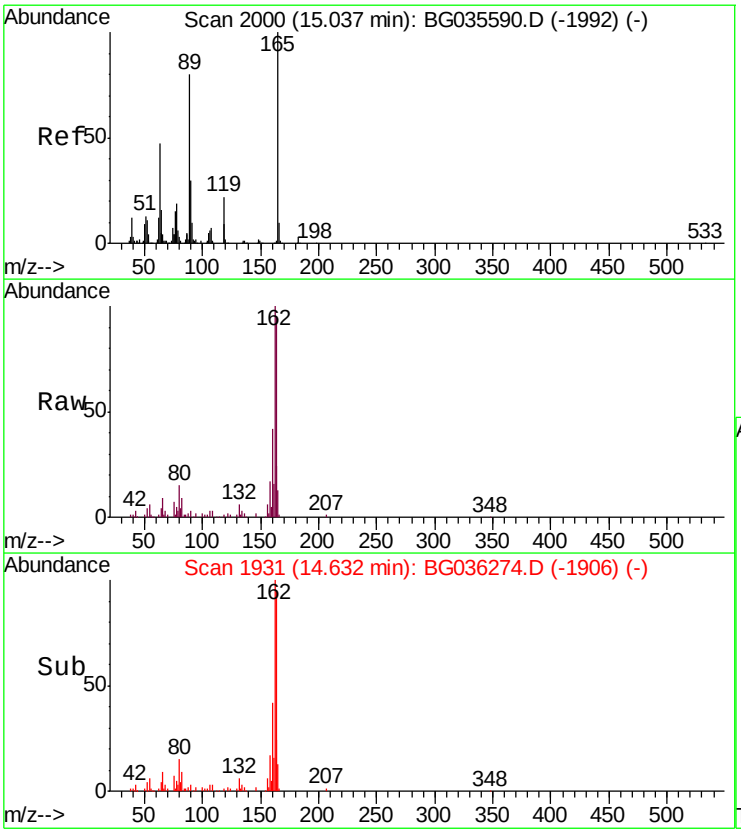
#53
2,4-Dinitrophenol
Concen: 6.662 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.09 min
Lab File: BG036274.D
Acq: 10 Aug 2018 19:23

Instrument :
BNA_G
ClientSampleId :
MW-102I

Tgt Ion:184 Resp: 54

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

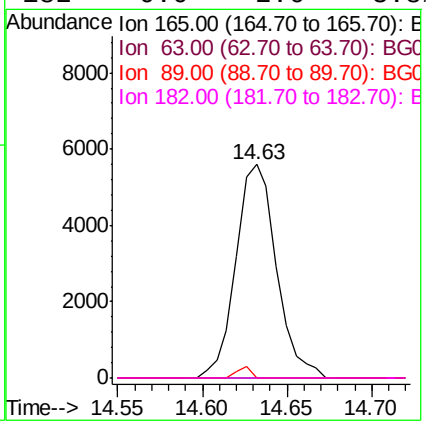


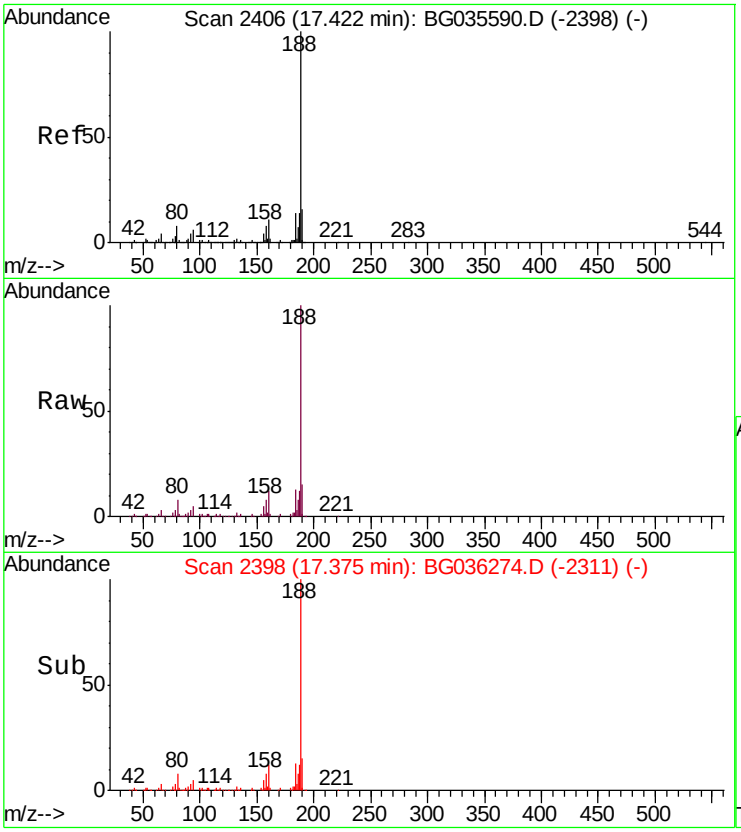


#56
2,4-Dinitrotoluene
Concen: 5.418 ng
RT: 14.63 min Scan# 1931
Delta R.T. -0.38 min
Lab File: BG036274.D
Acq: 10 Aug 2018 19:23

Tgt Ion:165 Resp: 9336

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#



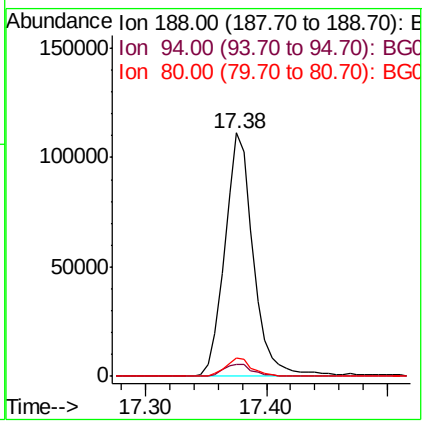


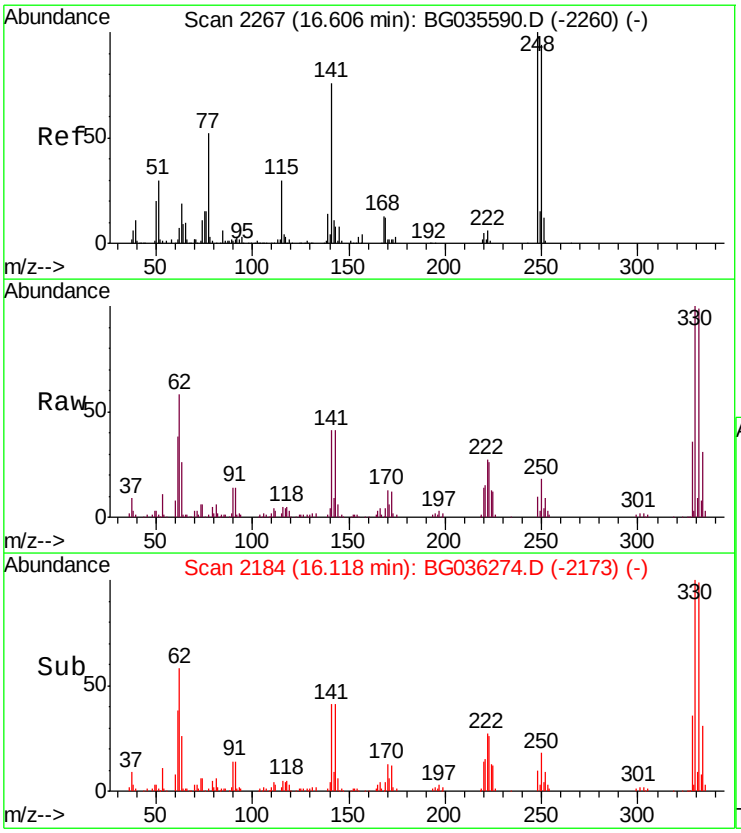
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2398
Delta R.T. -0.02 min
Lab File: BG036274.D
Acq: 10 Aug 2018 19:23

Instrument :
BNA_G
ClientSampleId :
MW-102I

Tgt Ion:188 Resp: 182522

Ion	Ratio	Lower	Upper
188	100		
94	4.9	6.9	10.3#
80	7.7	7.7	11.5#

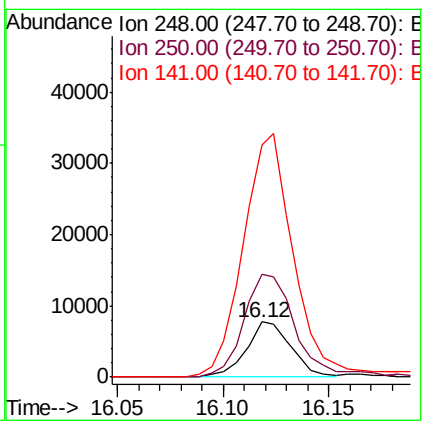


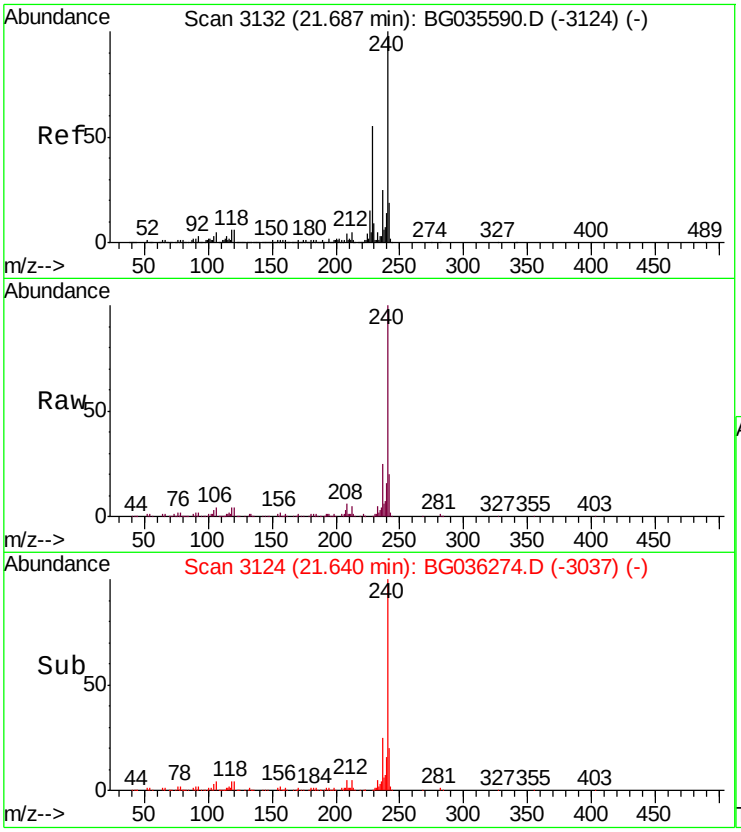


#66
4-Bromophenyl-phenylether
Concen: 5.374 ng
RT: 16.12 min Scan# 2184
Delta R.T. -0.47 min
Lab File: BG036274.D
Acq: 10 Aug 2018 19:23

Tgt Ion:248 Resp: 11380

Ion	Ratio	Lower	Upper
248	100		
250	187.1	77.1	115.7#
141	421.4	50.8	76.2#



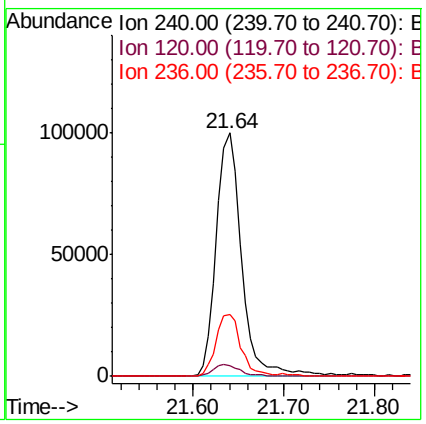


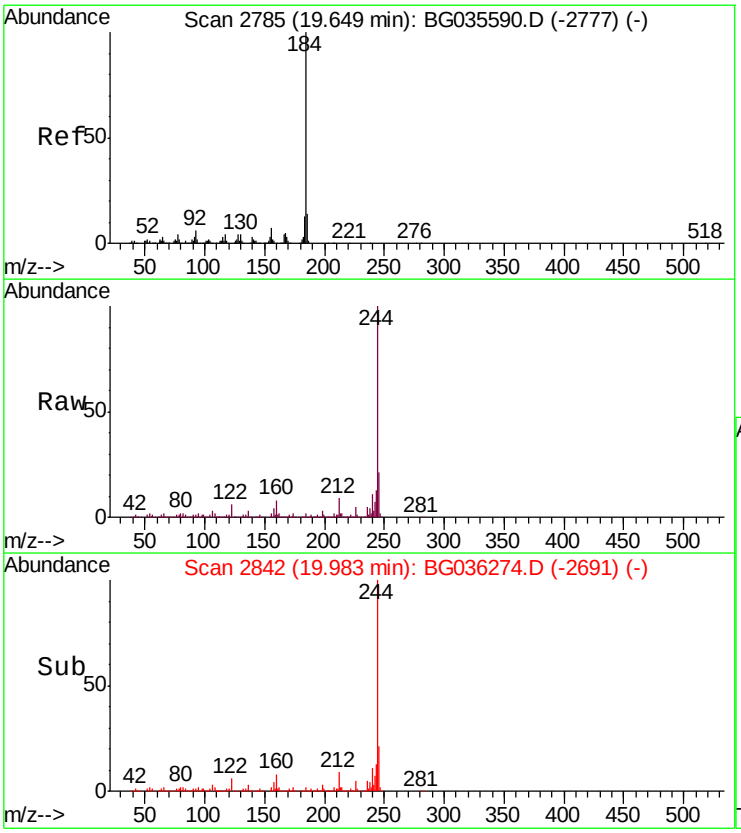
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3124
Delta R.T. -0.02 min
Lab File: BG036274.D
Acq: 10 Aug 2018 19:23

Instrument :
BNA_G
ClientSampleId :
MW-102I

Tgt Ion:240 Resp: 194639

Ion	Ratio	Lower	Upper
240	100		
120	4.3	6.8	10.2#
236	25.4	20.9	31.3

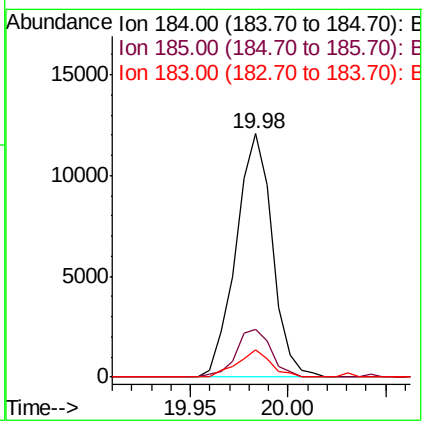


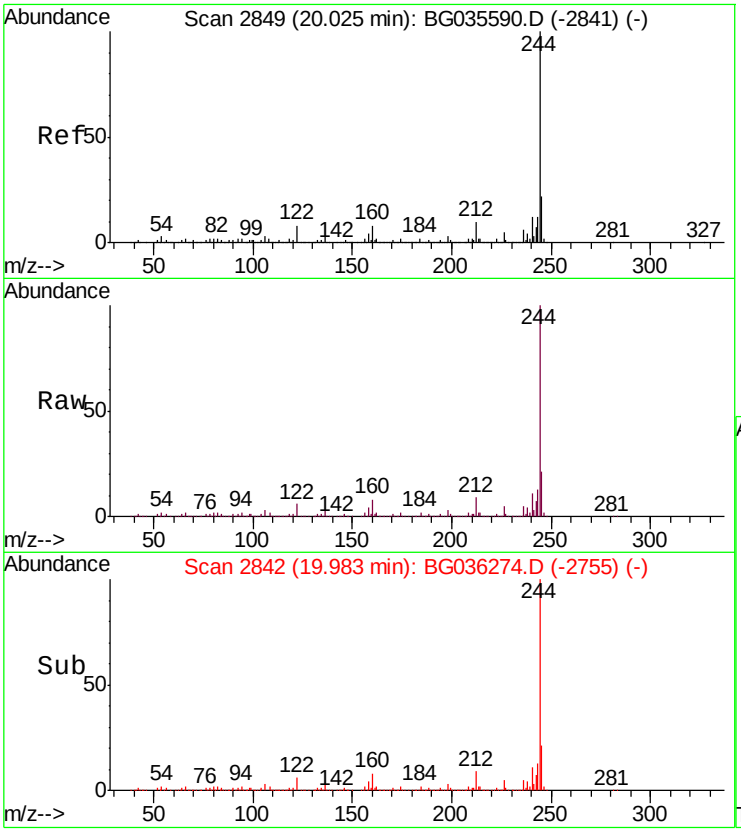


#76
Benzidine
Concen: 3.043 ng
RT: 19.98 min Scan# 2842
Delta R.T. 0.36 min
Lab File: BG036274.D
Acq: 10 Aug 2018 19:23

Tgt Ion:184 Resp: 15573

Ion	Ratio	Lower	Upper
184	100		
185	19.5	11.1	16.7#
183	11.3	10.6	16.0



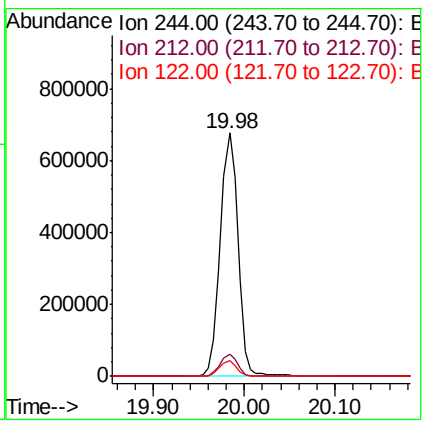


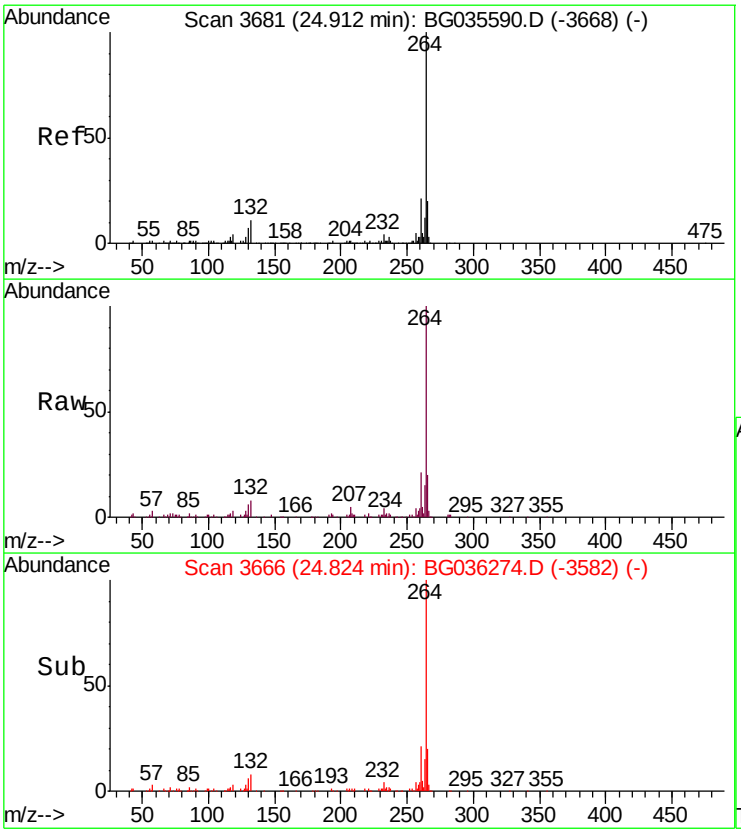
#78
Terphenyl-d14
Concen: 104.311 ng
RT: 19.98 min Scan# 2842
Delta R.T. -0.02 min
Lab File: BG036274.D
Acq: 10 Aug 2018 19:23

Instrument :
BNA_G
ClientSampleId :
MW-102I

Tgt Ion:244 Resp: 921066

Ion	Ratio	Lower	Upper
244	100		
212	9.2	5.8	8.8#
122	6.4	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.82 min Scan# 3666
Delta R.T. -0.04 min
Lab File: BG036274.D
Acq: 10 Aug 2018 19:23

Tgt Ion:264 Resp: 182223

Ion	Ratio	Lower	Upper
264	100		
260	20.8	17.4	26.0
265	20.0	17.7	26.5