Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG011218\
Data File : BG032025.D
Acq On : 13 Jan 2018 5:47
Operator : SJ/JU
Sample : PB105600TB
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB105600TB

Quant Time: Jan 15 09:56:14 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 12 17:27:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.79	152	51981	20.00	ng	0.02
21) Naphthalene-d8	11.68	136	207298	20.00	ng	0.02
38) Acenaphthene-d10	15.42	164	139102	20.00	ng	0.02
63) Phenanthrene-d10	18.15	188	362152	20.00	ng	0.00
75) Chrysene-d12	22.49	240	435967	20.00	ng	0.00
86) Perylene-d12	26.22	264	450054	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	380413	133.85	ng	0.03
7) Phenol-d6	7.90	99	463512	129.49	ng	0.03
23) Nitrobenzene-d5	9.99	82	256686	83.77	ng	0.02
41) 2,4,6-Tribromophenol	16.89	330	294534	127.96	ng	0.01
44) 2-Fluorobiphenyl	14.04	172	933800	83.24	ng	0.01
78) Terphenyl-d14	20.68	244	1763019	89.29	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.99	70	34129	15.367	ng	# 70
50) 2,6-Dinitrotoluene	15.41	165	18031	7.136	ng	# 21
56) 2,4-Dinitrotoluene	15.41	165	18031	5.301	ng	# 19
64) 4,6-Dinitro-2-methylphenol	16.89	198	831	5.206	ng	# 29
66) 4-Bromophenyl-phenylether	16.89	248	23707	4.601	ng	# 1
76) Benzidine	20.68	184	22179	2.034	ng	96

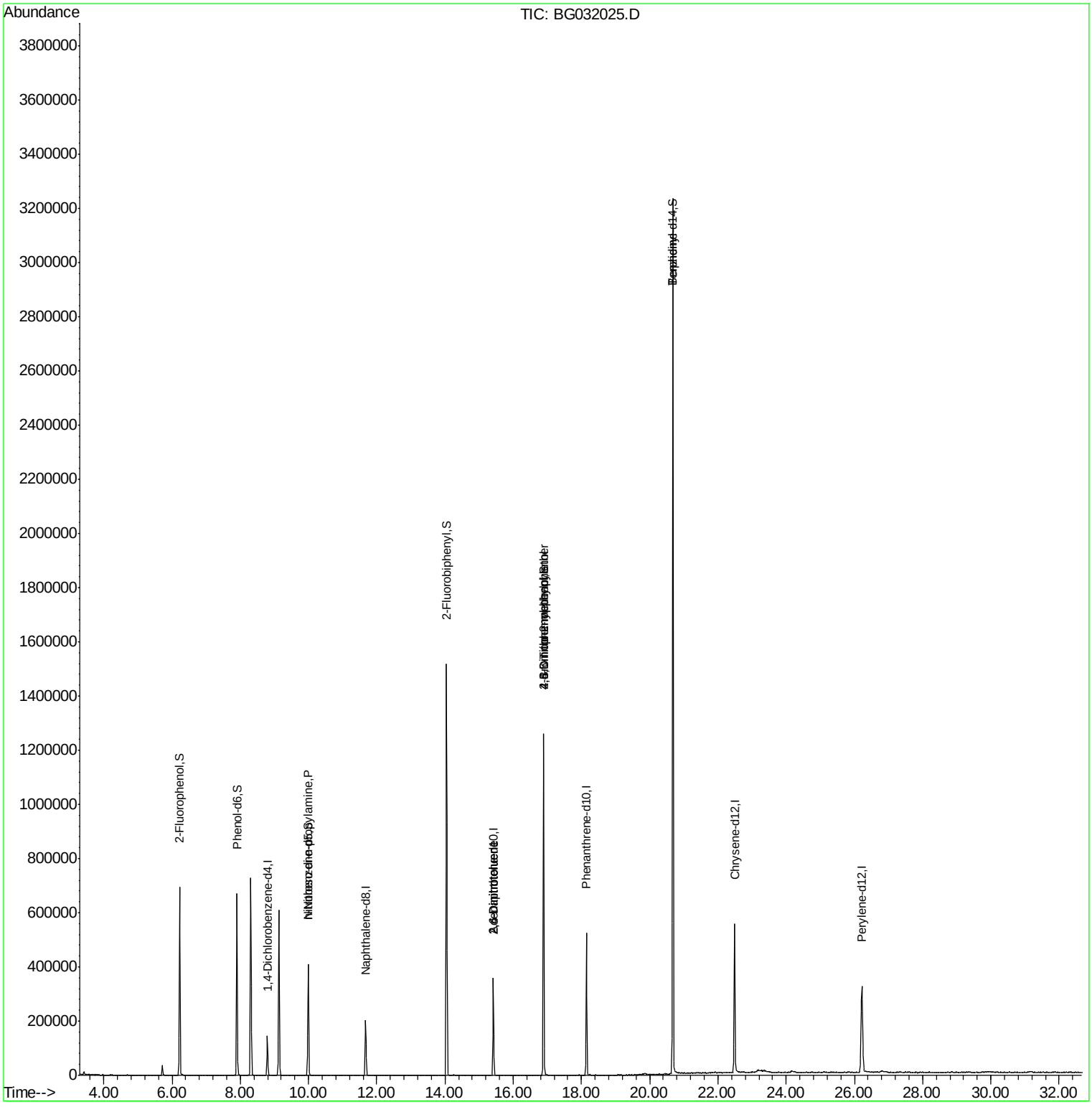
(#) = qualifier out of range (m) = manual integration (+) = signals summed

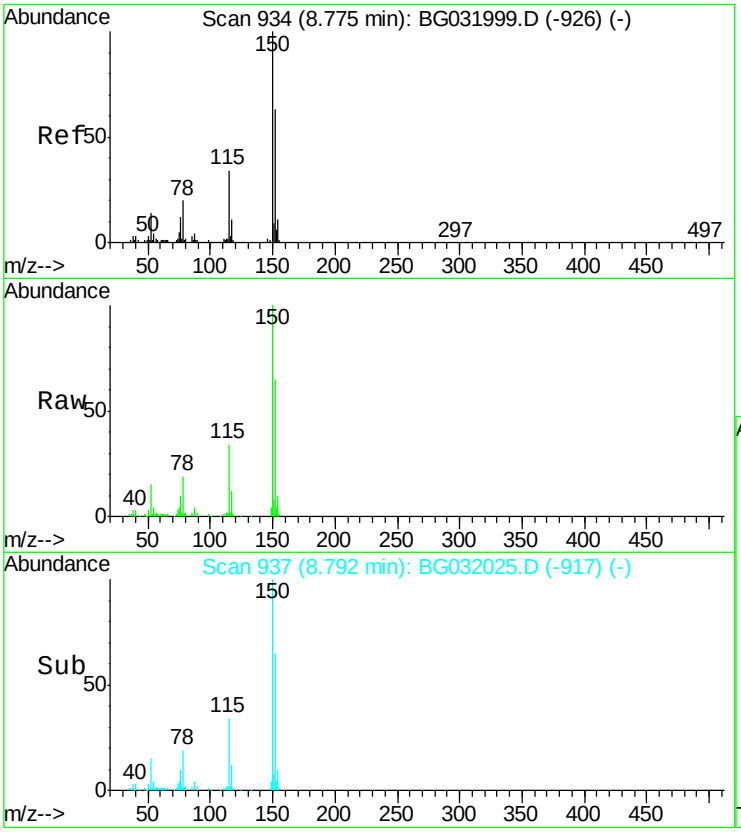
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG011218\
Data File : BG032025.D
Acq On : 13 Jan 2018 5:47
Operator : SJ/JU
Sample : PB105600TB
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB105600TB

Quant Time: Jan 15 09:56:14 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 12 17:27:17 2018
Response via : Initial Calibration



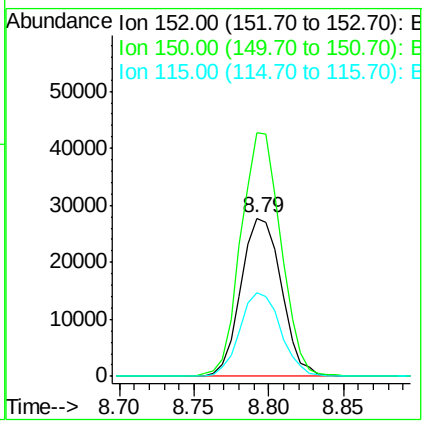


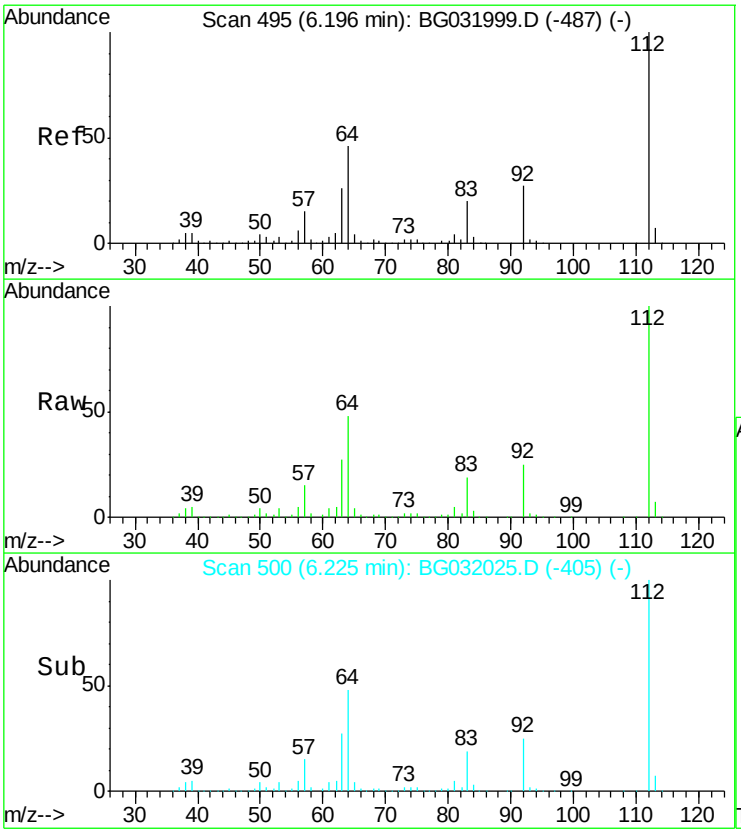
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.79 min Scan# 937
Delta R.T. 0.02 min
Lab File: BG032025.D
Acq: 13 Jan 2018 5:47

Instrument :
BNA_G
ClientSampleId :
PB105600TB

Tgt Ion:152 Resp: 51981

Ion	Ratio	Lower	Upper
152	100		
150	154.3	126.6	189.8
115	53.2	53.0	79.4

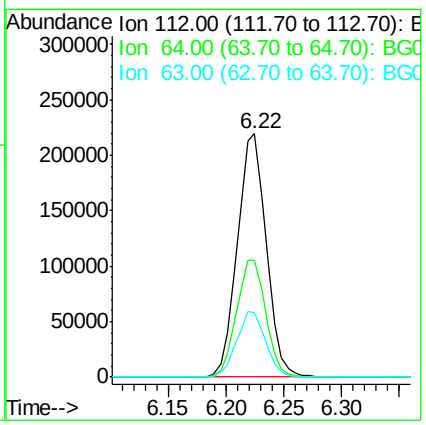


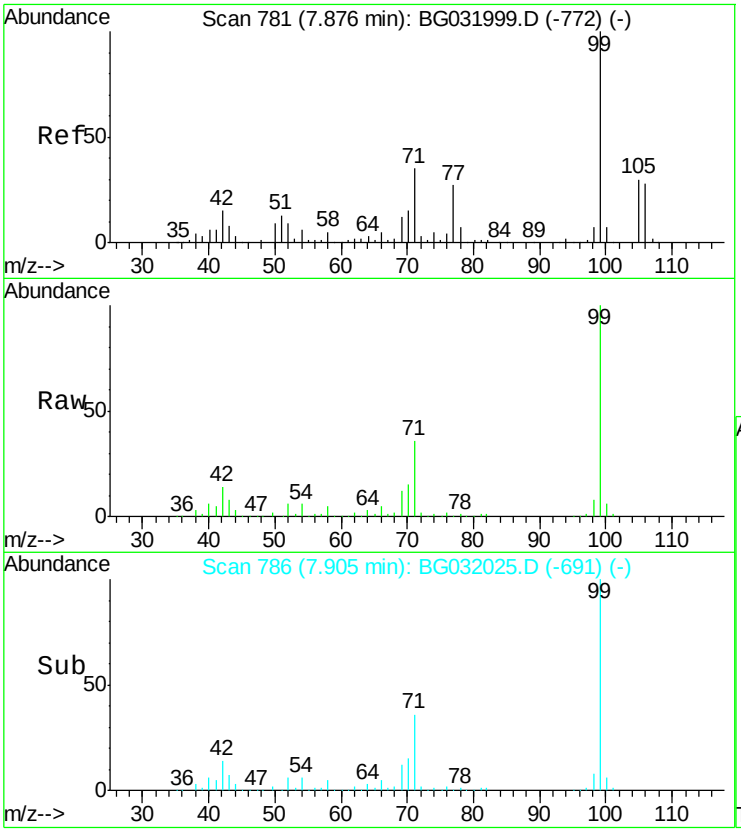


#5
2-Fluorophenol
Concen: 133.847 ng
RT: 6.22 min Scan# 500
Delta R.T. 0.03 min
Lab File: BG032025.D
Acq: 13 Jan 2018 5:47

Tgt Ion:112 Resp: 380413

Ion	Ratio	Lower	Upper
112	100		
64	48.0	56.3	84.5#
63	26.6	30.1	45.1#



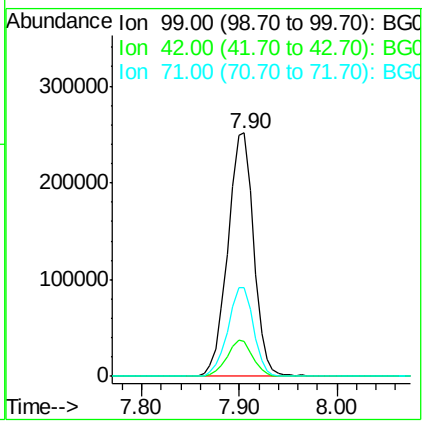


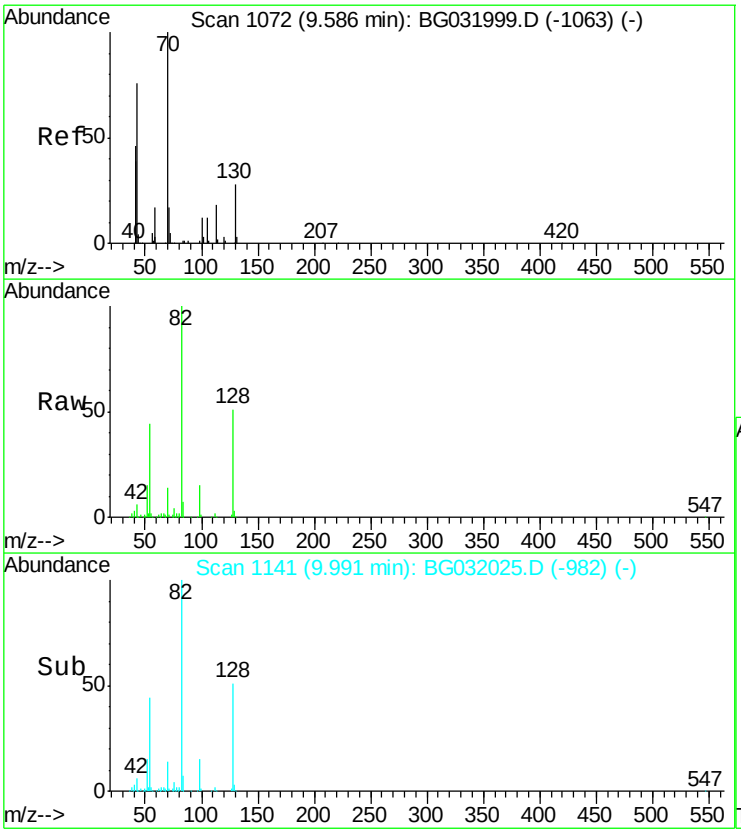
#7
Phenol-d6
Concen: 129.490 ng
RT: 7.90 min Scan# 786
Delta R.T. 0.03 min
Lab File: BG032025.D
Acq: 13 Jan 2018 5:47

Instrument :
BNA_G
ClientSampleId :
PB105600TB

Tgt Ion: 99 Resp: 463512

Ion	Ratio	Lower	Upper
99	100		
42	14.3	14.1	21.1
71	36.4	26.1	39.1

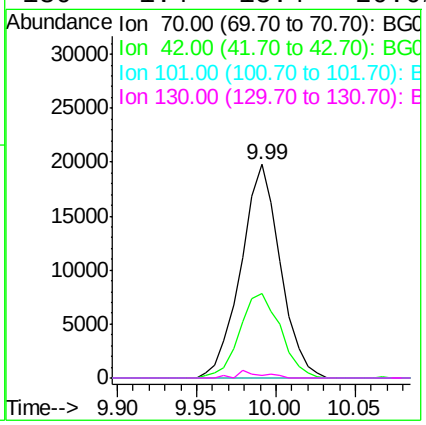


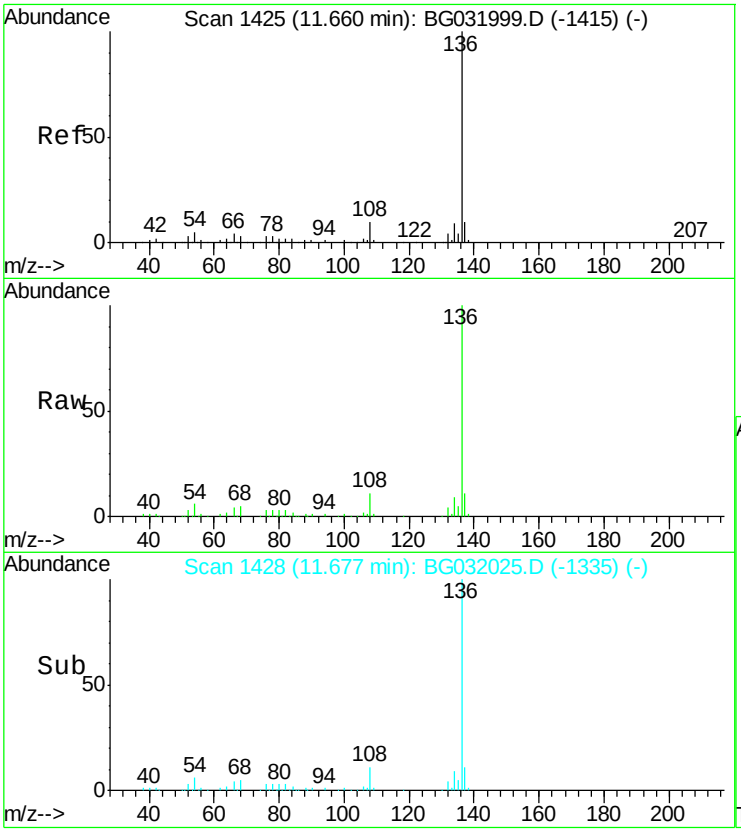


#19
n-Nitroso-di-n-propylamine
Concen: 15.367 ng
RT: 9.99 min Scan# 1141
Delta R.T. 0.41 min
Lab File: BG032025.D
Acq: 13 Jan 2018 5:47

Tgt Ion: 70 Resp: 34129

Ion	Ratio	Lower	Upper
70	100		
42	39.5	49.1	73.7#
101	0.0	8.5	12.7#
130	1.4	13.4	20.0#



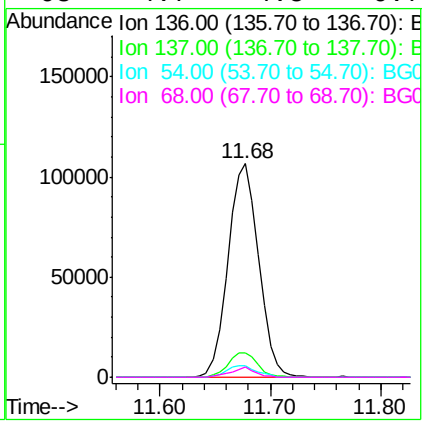


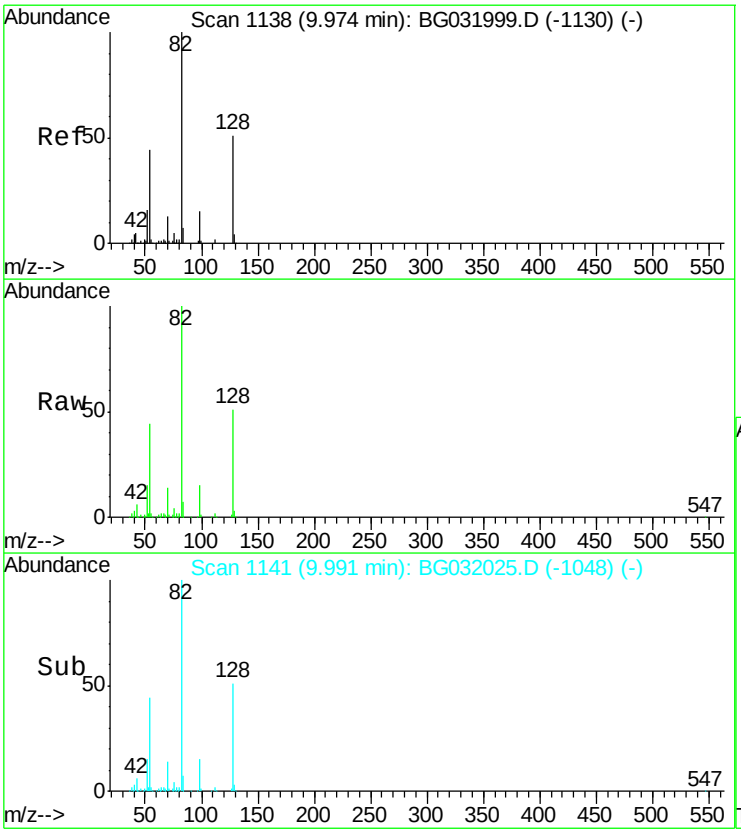
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.68 min Scan# 1428
Delta R.T. 0.02 min
Lab File: BG032025.D
Acq: 13 Jan 2018 5:47

Instrument :
BNA_G
ClientSampleId :
PB105600TB

Tgt Ion:136 Resp: 207298

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	5.6	10.3	15.5#
68	4.7	4.5	6.7

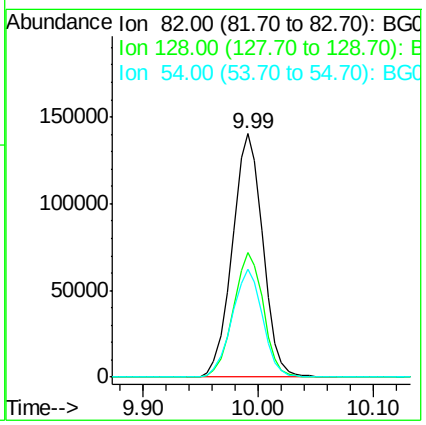


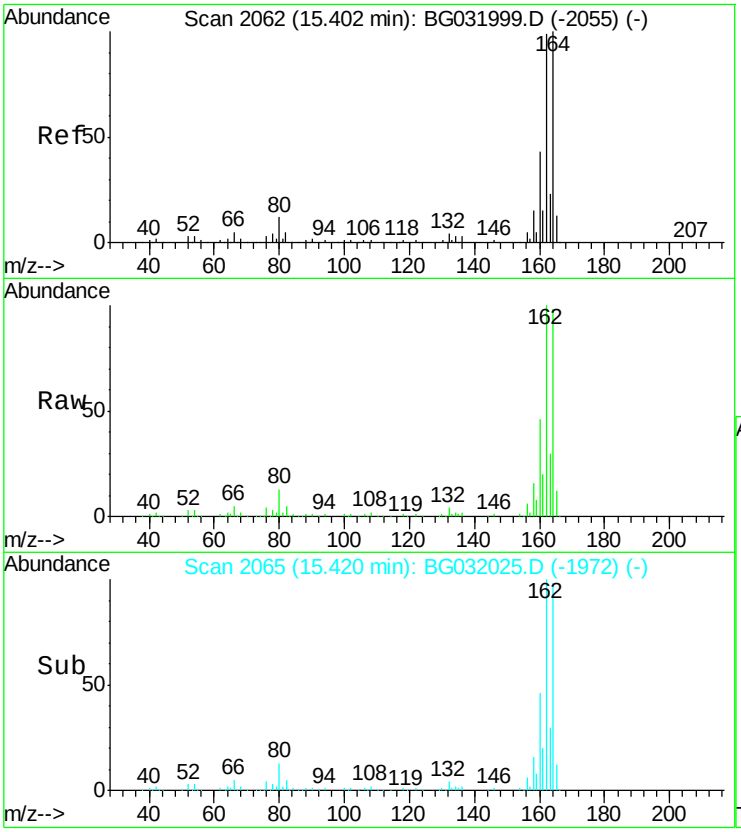


#23
Nitrobenzene-d5
Concen: 83.773 ng
RT: 9.99 min Scan# 1141
Delta R.T. 0.02 min
Lab File: BG032025.D
Acq: 13 Jan 2018 5:47

Tgt Ion: 82 Resp: 256686

Ion	Ratio	Lower	Upper
82	100		
128	51.2	29.7	44.5#
54	44.3	43.1	64.7



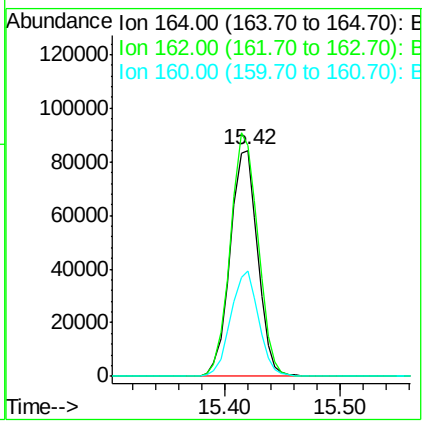


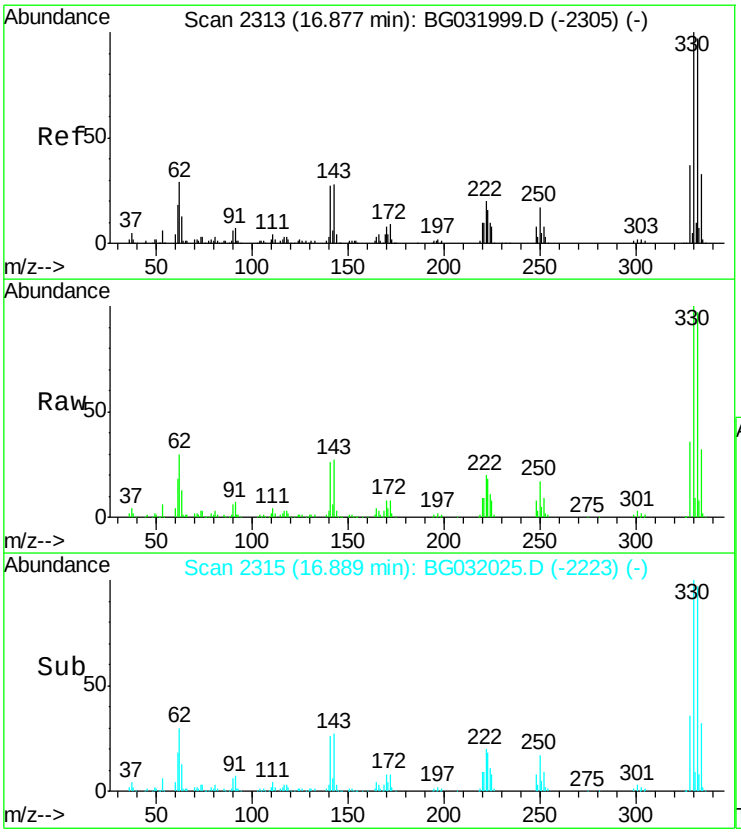
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.42 min Scan# 2065
Delta R.T. 0.02 min
Lab File: BG032025.D
Acq: 13 Jan 2018 5:47

Instrument :
BNA_G
ClientSampleId :
PB105600TB

Tgt Ion:164 Resp: 139102

Ion	Ratio	Lower	Upper
164	100		
162	102.3	78.8	118.2
160	46.7	35.4	53.0

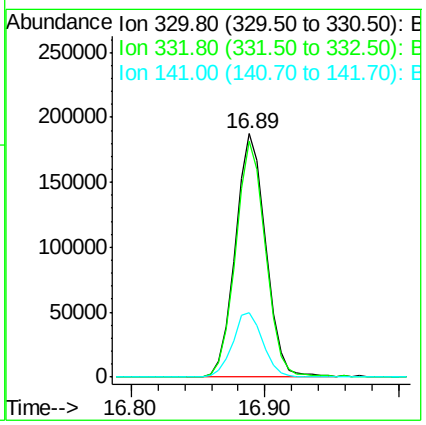


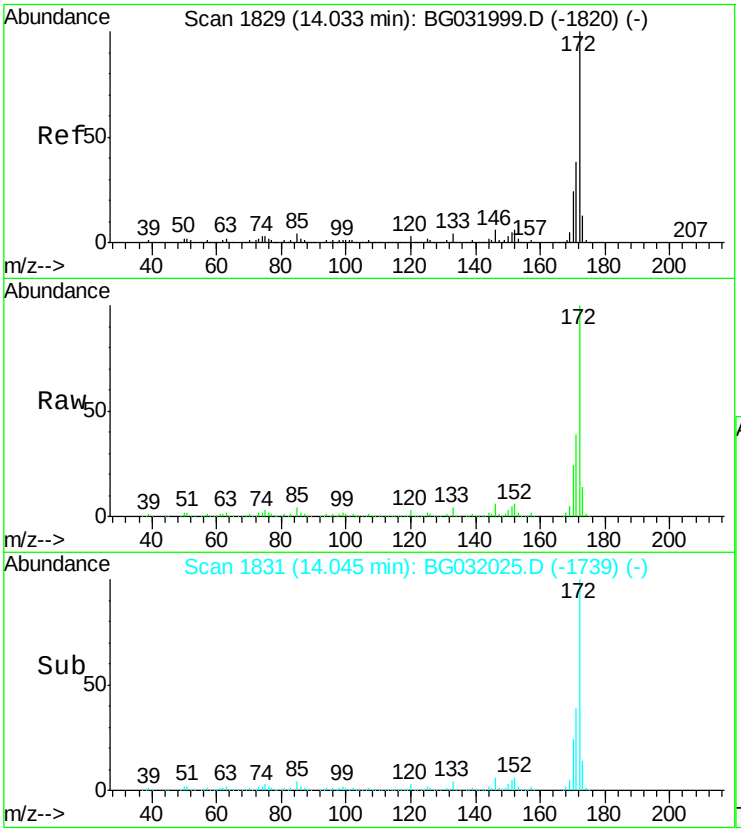


#41
2,4,6-Tribromophenol
Concen: 127.957 ng
RT: 16.89 min Scan# 2315
Delta R.T. 0.01 min
Lab File: BG032025.D
Acq: 13 Jan 2018 5:47

Tgt Ion:330 Resp: 294534

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	26.9	25.2	37.8



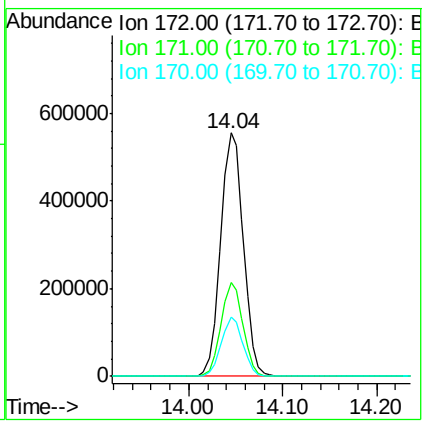


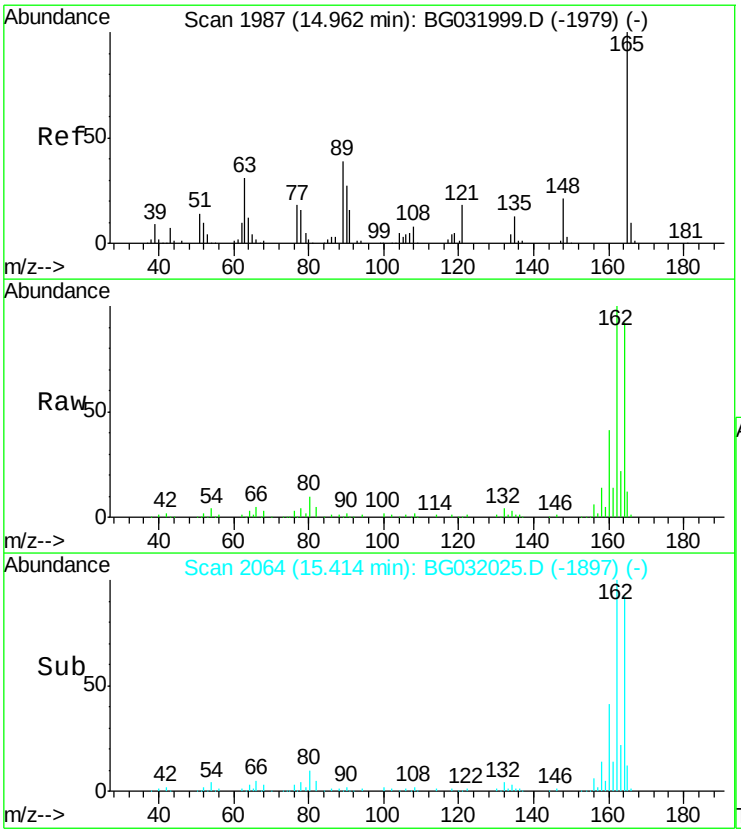
#44
2-Fluorobiphenyl
Concen: 83.239 ng
RT: 14.04 min Scan# 1831
Delta R.T. 0.01 min
Lab File: BG032025.D
Acq: 13 Jan 2018 5:47

Instrument :
BNA_G
ClientSampleId :
PB105600TB

Tgt Ion:172 Resp: 933800

Ion	Ratio	Lower	Upper
172	100		
171	38.6	30.0	45.0
170	24.3	19.5	29.3

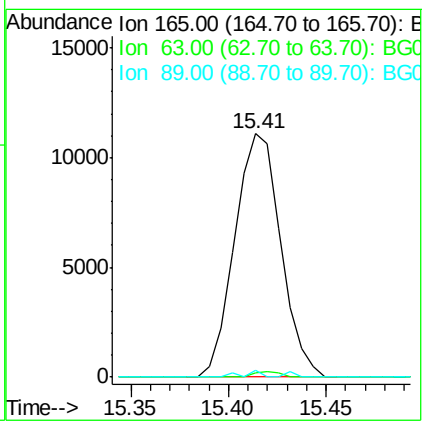


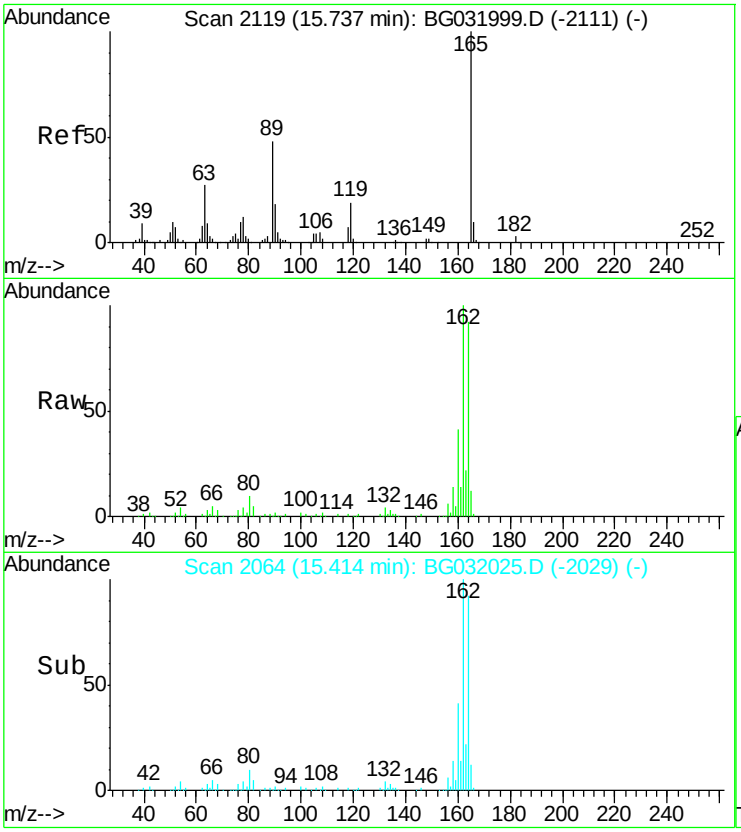


#50
2,6-Dinitrotoluene
Concen: 7.136 ng
RT: 15.41 min Scan# 2064
Delta R.T. 0.45 min
Lab File: BG032025.D
Acq: 13 Jan 2018 5:47

Tgt Ion:165 Resp: 18031

Ion	Ratio	Lower	Upper
165	100		
63	1.5	52.7	79.1#
89	2.7	49.2	73.8#



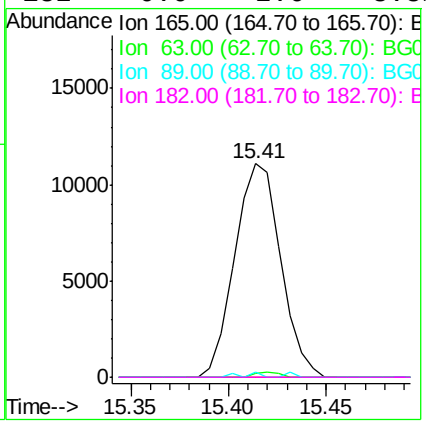


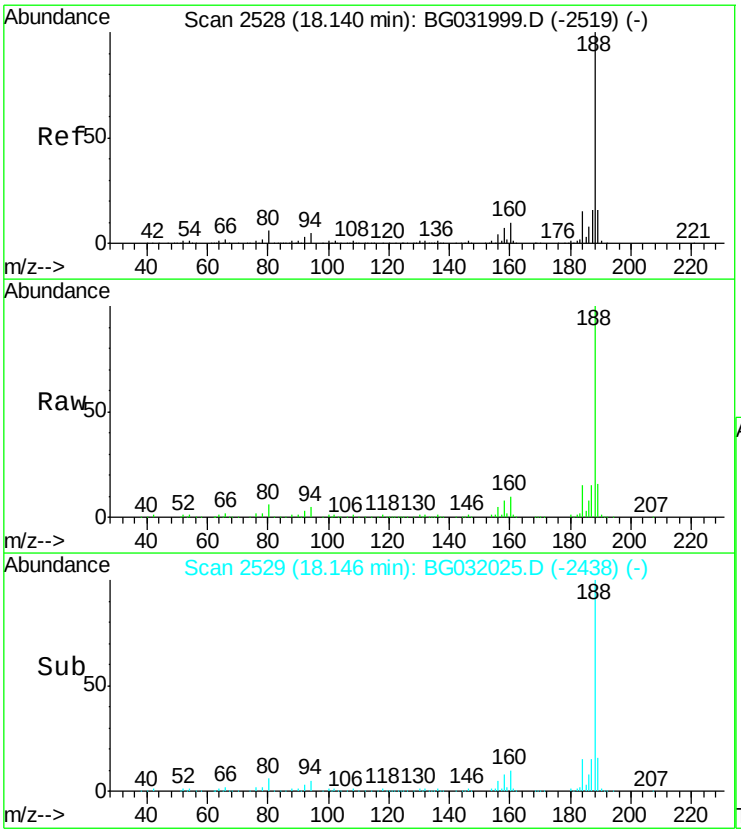
#56
2,4-Dinitrotoluene
Concen: 5.301 ng
RT: 15.41 min Scan# 2064
Delta R.T. -0.32 min
Lab File: BG032025.D
Acq: 13 Jan 2018 5:47

Instrument :
BNA_G
ClientSampleId :
PB105600TB

Tgt Ion:165 Resp: 18031

Ion	Ratio	Lower	Upper
165	100		
63	1.5	42.0	63.0#
89	2.7	66.9	100.3#
182	0.0	2.6	3.8#

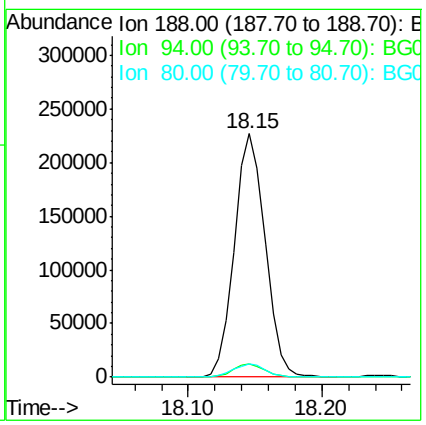


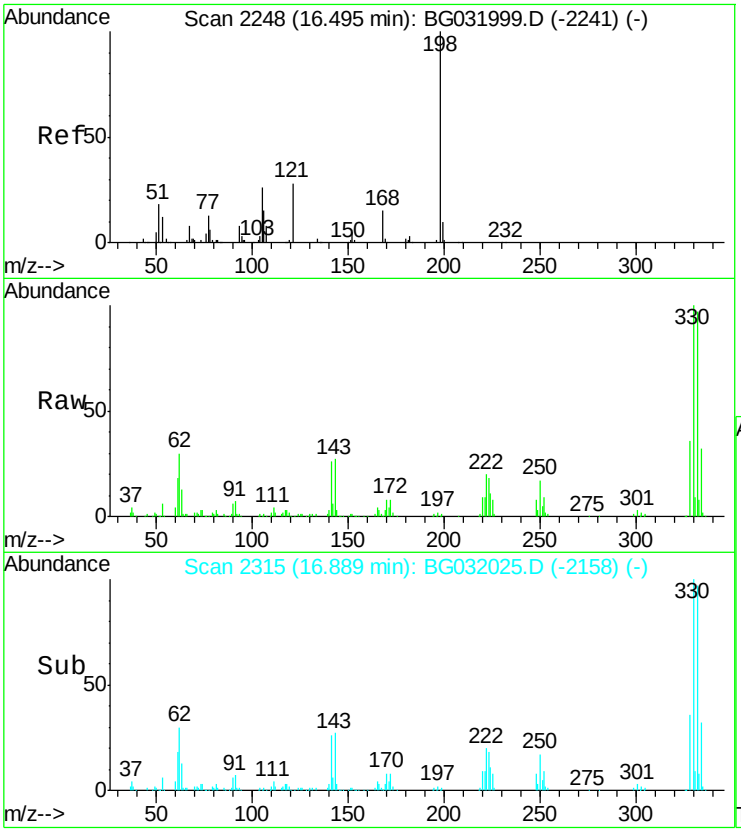


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.15 min Scan# 2529
Delta R.T. 0.01 min
Lab File: BG032025.D
Acq: 13 Jan 2018 5:47

Tgt Ion:188 Resp: 362152

Ion	Ratio	Lower	Upper
188	100		
94	5.2	6.9	10.3#
80	5.6	7.7	11.5#



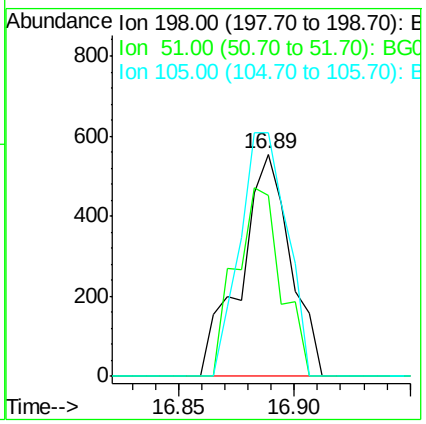


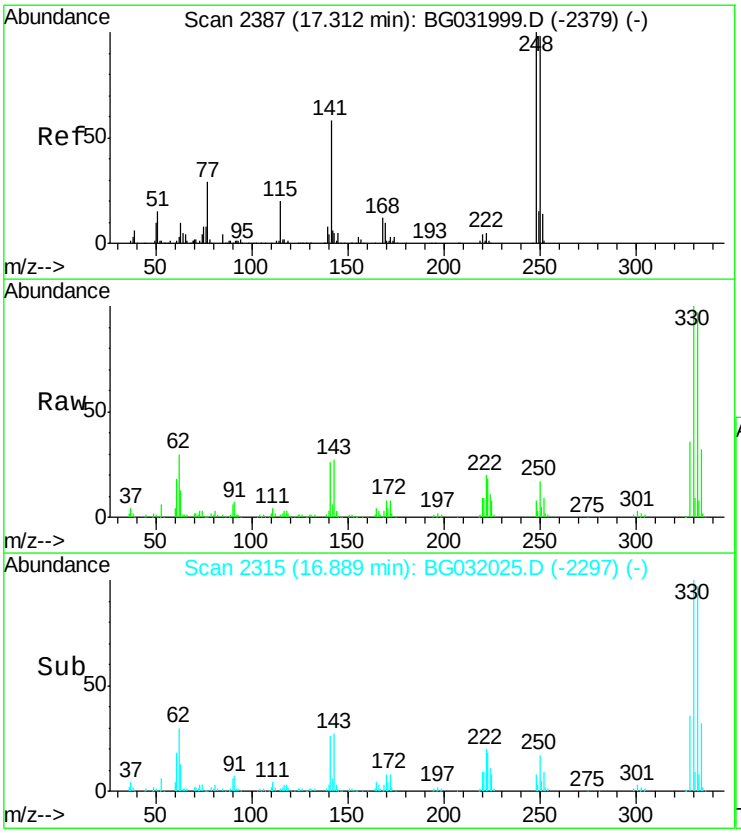
#64
4,6-Dinitro-2-methylphenol
Concen: 5.206 ng
RT: 16.89 min Scan# 2315
Delta R.T. 0.39 min
Lab File: BG032025.D
Acq: 13 Jan 2018 5:47

Instrument :
BNA_G
ClientSampleId :
PB105600TB

Tgt Ion:198 Resp: 831

Ion	Ratio	Lower	Upper
198	100		
51	81.3	30.6	70.6#
105	109.5	23.8	63.8#

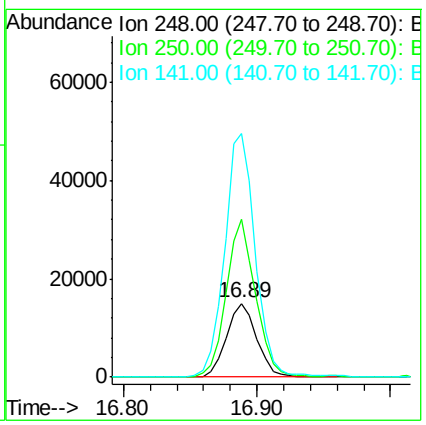


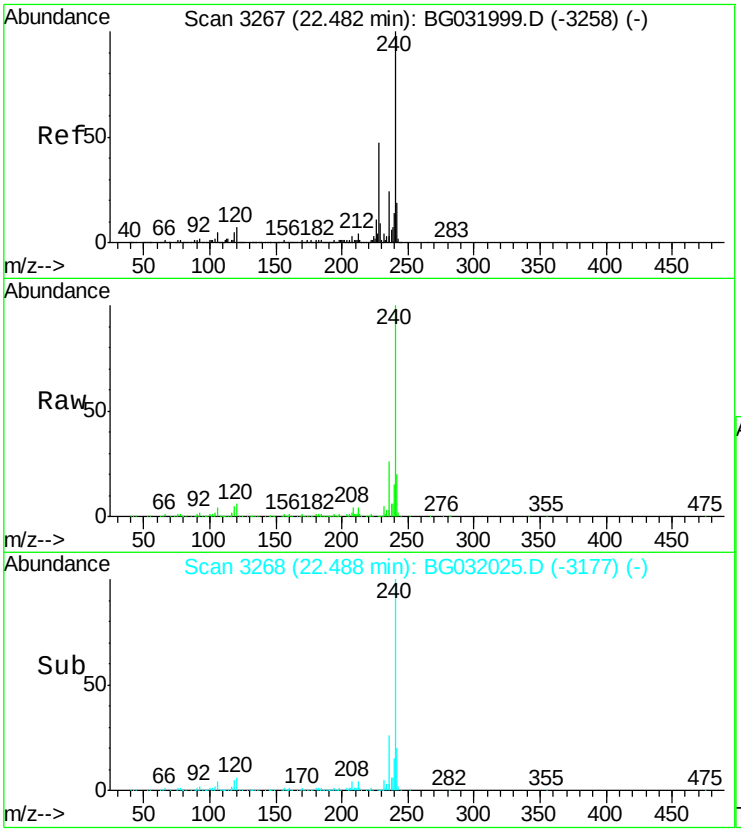


#66
4-Bromophenyl-phenylether
Concen: 4.601 ng
RT: 16.89 min Scan# 2315
Delta R.T. -0.42 min
Lab File: BG032025.D
Acq: 13 Jan 2018 5:47

Tgt Ion:248 Resp: 23707

Ion	Ratio	Lower	Upper
248	100		
250	213.9	77.1	115.7#
141	329.2	50.8	76.2#



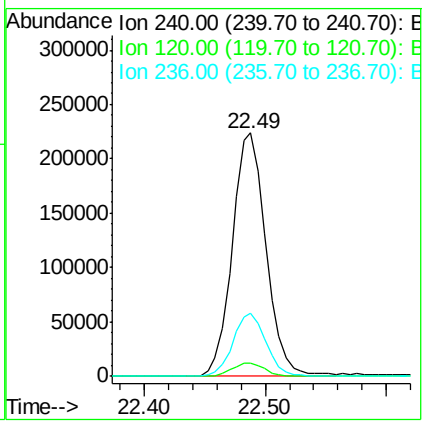


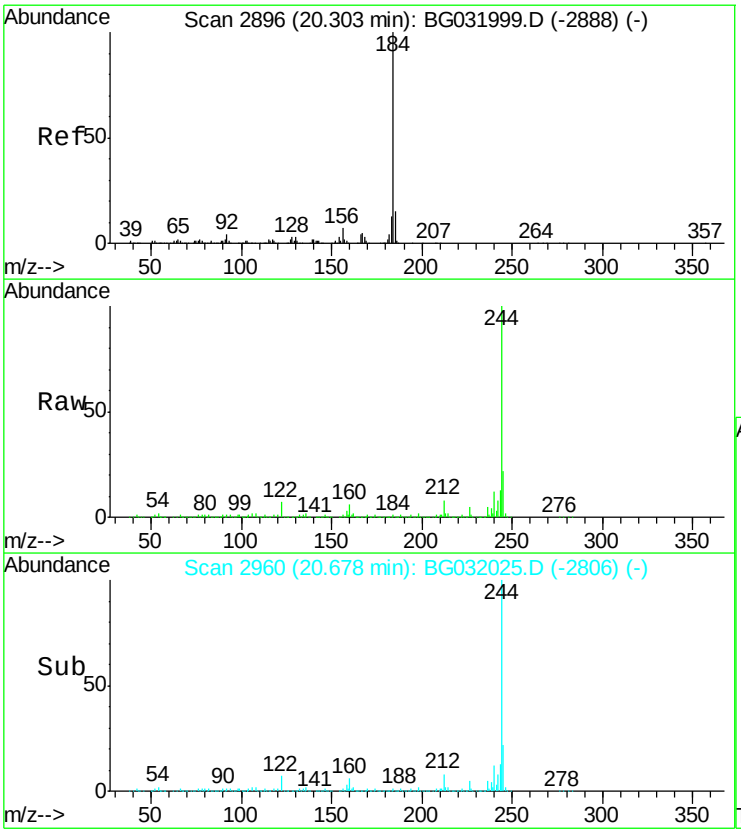
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.49 min Scan# 3268
Delta R.T. 0.01 min
Lab File: BG032025.D
Acq: 13 Jan 2018 5:47

Instrument :
BNA_G
ClientSampleId :
PB105600TB

Tgt Ion:240 Resp: 435967

Ion	Ratio	Lower	Upper
240	100		
120	5.7	6.8	10.2#
236	25.7	20.9	31.3

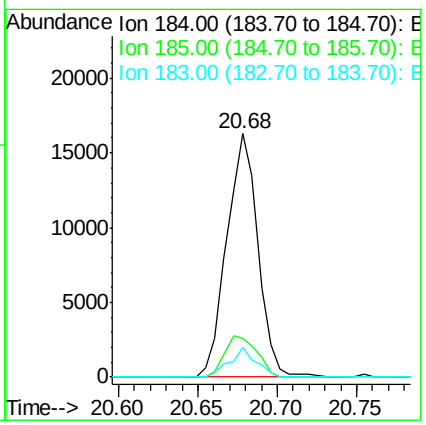


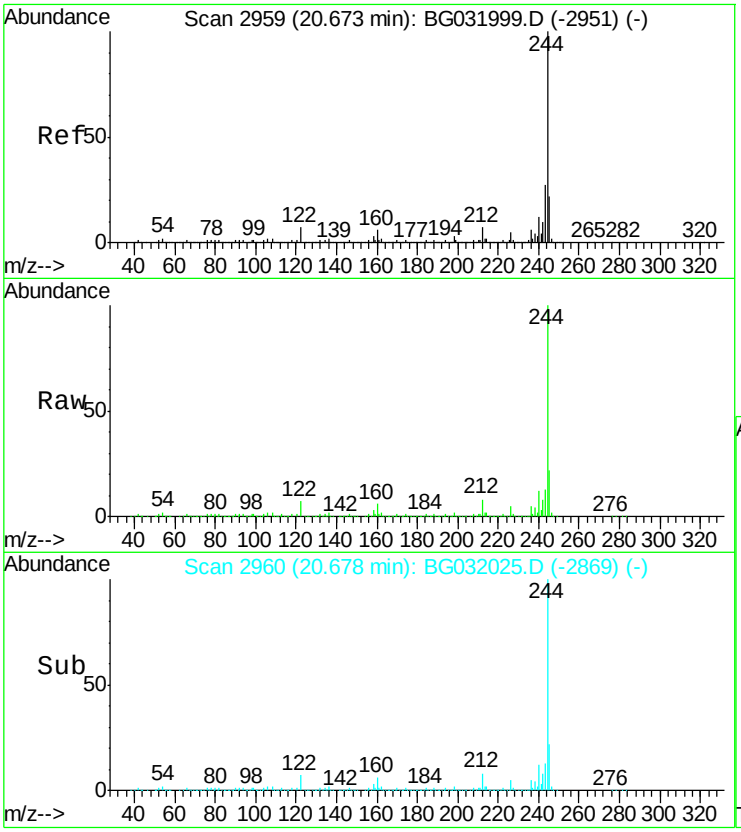


#76
Benzidine
Concen: 2.034 ng
RT: 20.68 min Scan# 2960
Delta R.T. 0.38 min
Lab File: BG032025.D
Acq: 13 Jan 2018 5:47

Tgt Ion:184 Resp: 22179

Ion	Ratio	Lower	Upper
184	100		
185	16.2	11.1	16.7
183	12.3	10.6	16.0



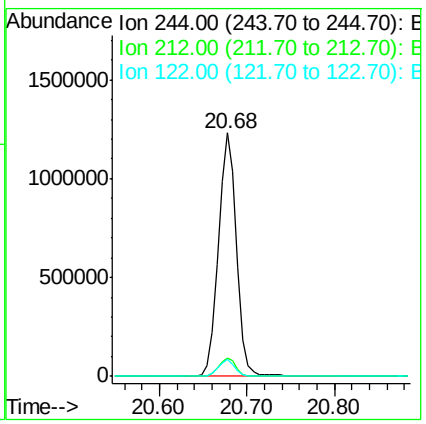


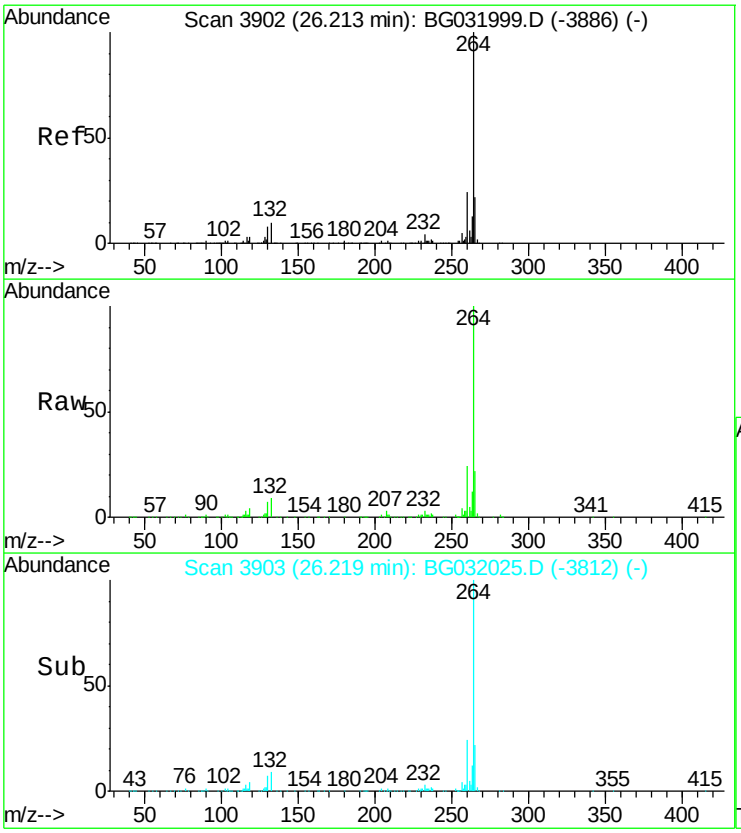
#78
Terphenyl-d14
Concen: 89.292 ng
RT: 20.68 min Scan# 2960
Delta R.T. 0.01 min
Lab File: BG032025.D
Acq: 13 Jan 2018 5:47

Instrument :
BNA_G
ClientSampleId :
PB105600TB

Tgt Ion:244 Resp: 1763019

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.8
122	6.9	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.22 min Scan# 3903
Delta R.T. 0.01 min
Lab File: BG032025.D
Acq: 13 Jan 2018 5:47

Tgt Ion:264 Resp: 450054

Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.4	26.0
265	22.2	17.7	26.5