Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071318\
Data File : BG035655.D
Acq On : 14 Jul 2018 7:44
Operator : JU/SJ
Sample : J3821-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HR-05-071218-C

Quant Time: Jul 16 00:57:05 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 12 14:43:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	43838	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	167318	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	122420	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	352041	20.00	ng	0.00
75) Chrysene-d12	21.68	240	380866	20.00	ng	0.00
86) Perylene-d12	24.91	264	354489	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	395279	149.70	ng	0.00
7) Phenol-d6	7.22	99	527489	133.90	ng	0.00
23) Nitrobenzene-d5	9.22	82	425405	106.21	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	287192	177.98	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	946849	103.62	ng	0.00
78) Terphenyl-d14	20.02	244	1831255	105.99	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	8.38	79	7310	2.043	ng	# 52
19) n-Nitroso-di-n-propylamine	9.22	70	57781	17.417	ng	# 70
50) 2,6-Dinitrotoluene	14.67	165	16303	7.464	ng	# 18
53) 2,4-Dinitrophenol	14.57	184	60	6.631	ng	# 1
56) 2,4-Dinitrotoluene	14.67	165	16303	5.203	ng	# 16
66) 4-Bromophenyl-phenylether	16.16	248	24175	5.919	ng	# 1
76) Benzidine	20.02	184	34915	3.487	ng	# 90

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

Quantitation Report (Not Reviewed)

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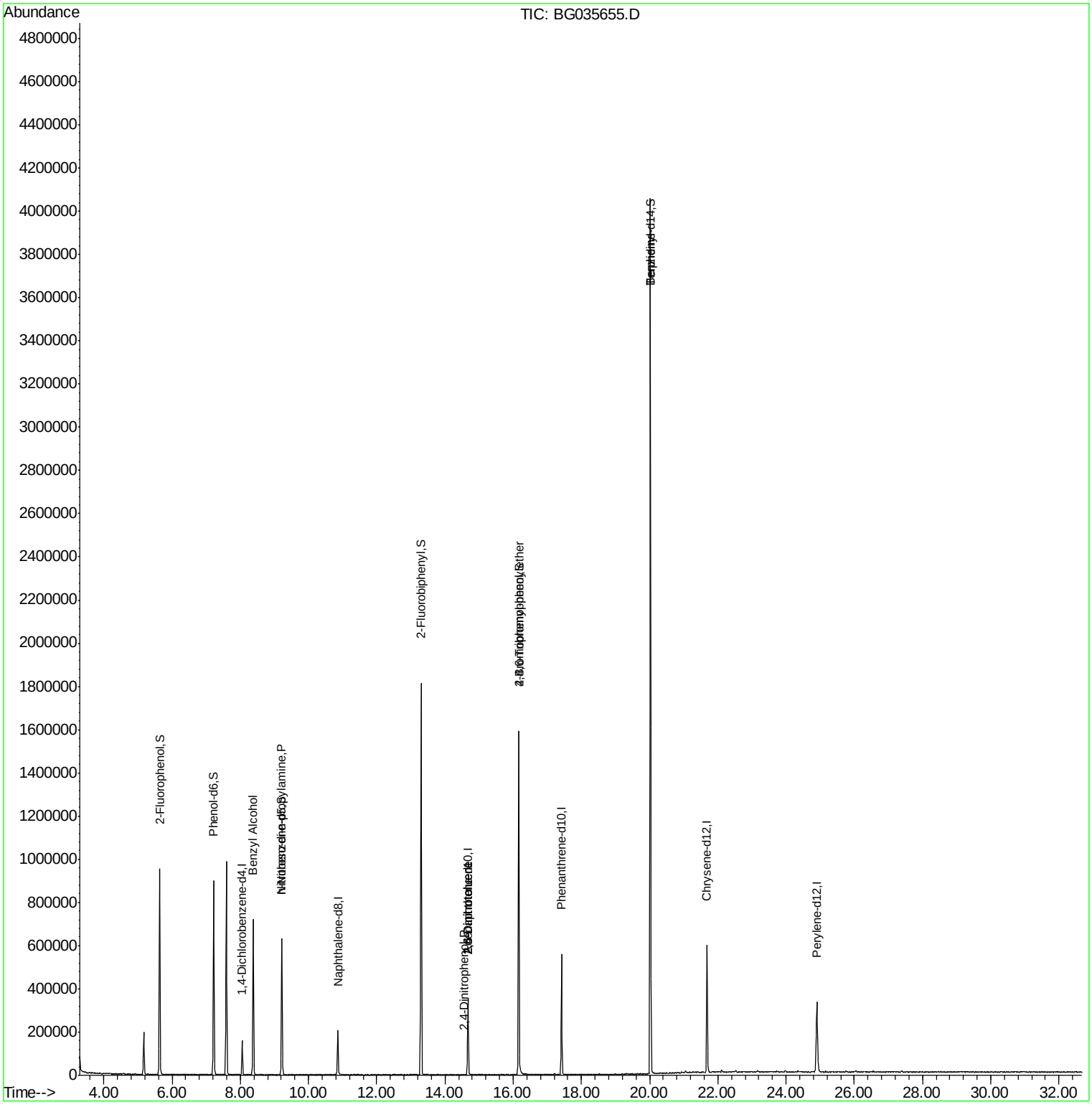
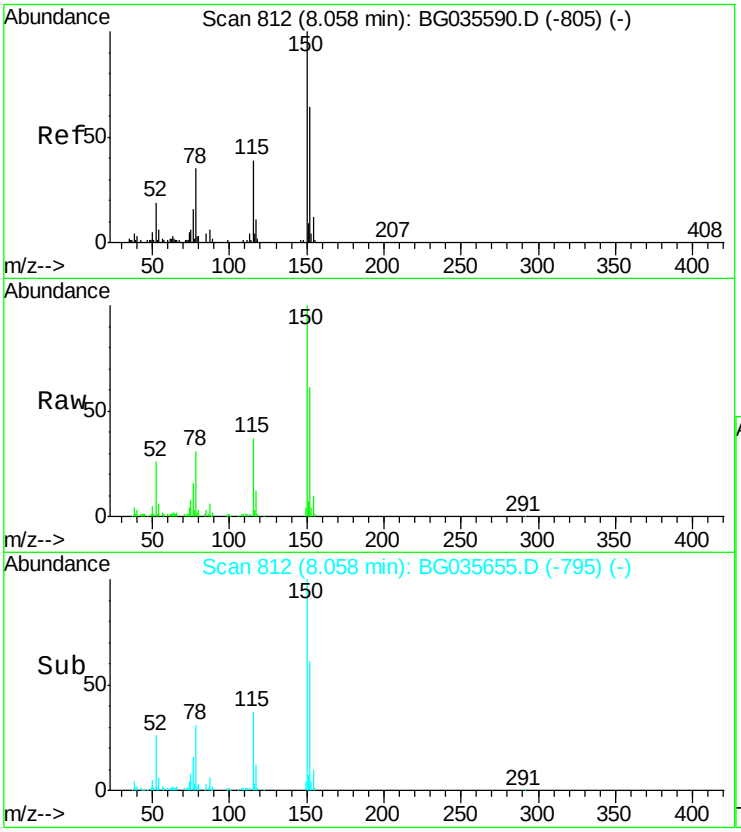
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 12 14:43:32 2018
Response via : Initial Calibration



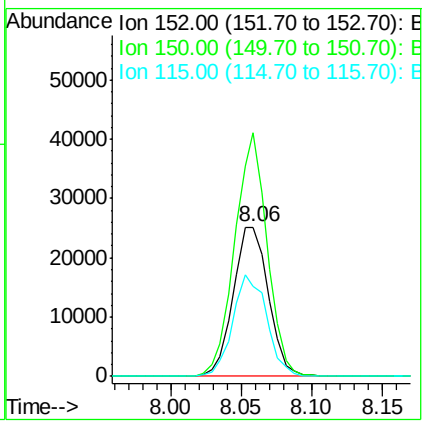


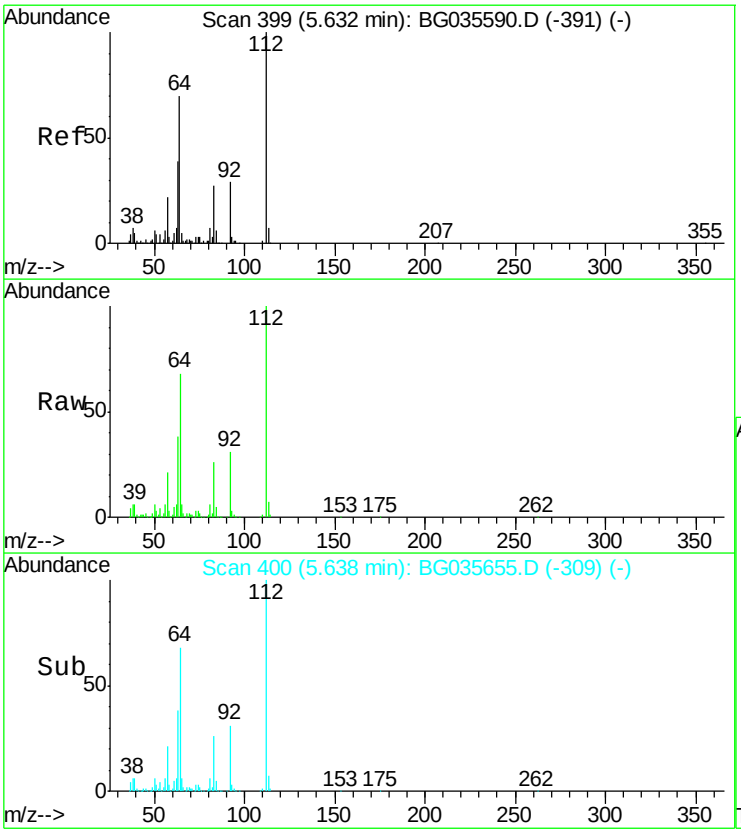
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.00 min
Lab File: BG035655.D
Acq: 14 Jul 2018 7:44

Instrument :
BNA_G
ClientSampleId :
HR-05-071218-C

Tgt Ion:152 Resp: 43838

Ion	Ratio	Lower	Upper
152	100		
150	163.4	126.6	189.8
115	60.8	53.0	79.4

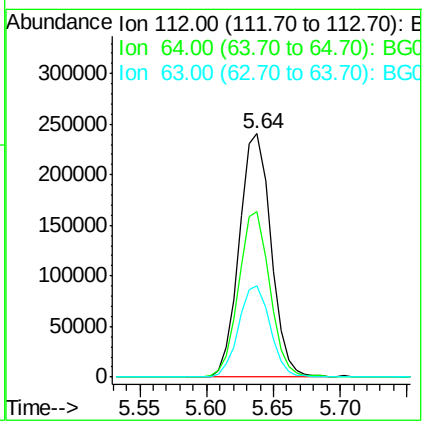


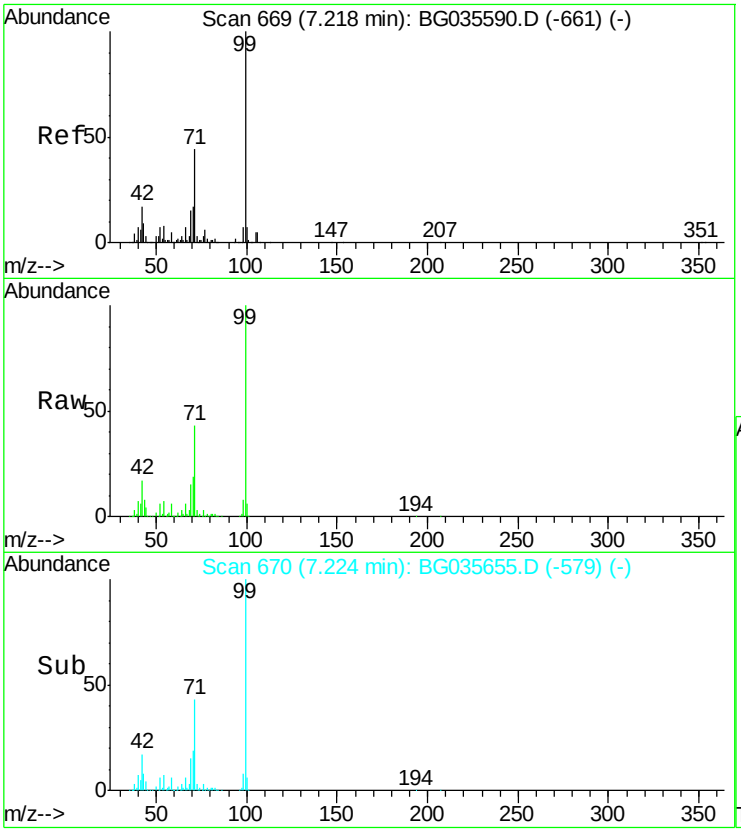


#5
2-Fluorophenol
Concen: 149.700 ng
RT: 5.64 min Scan# 400
Delta R.T. 0.01 min
Lab File: BG035655.D
Acq: 14 Jul 2018 7:44

Tgt Ion:112 Resp: 395279

Ion	Ratio	Lower	Upper
112	100		
64	68.2	56.3	84.5
63	37.6	30.1	45.1



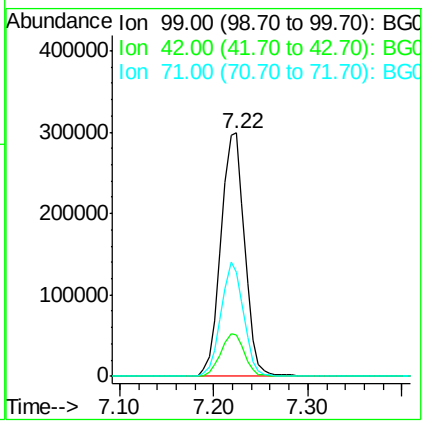


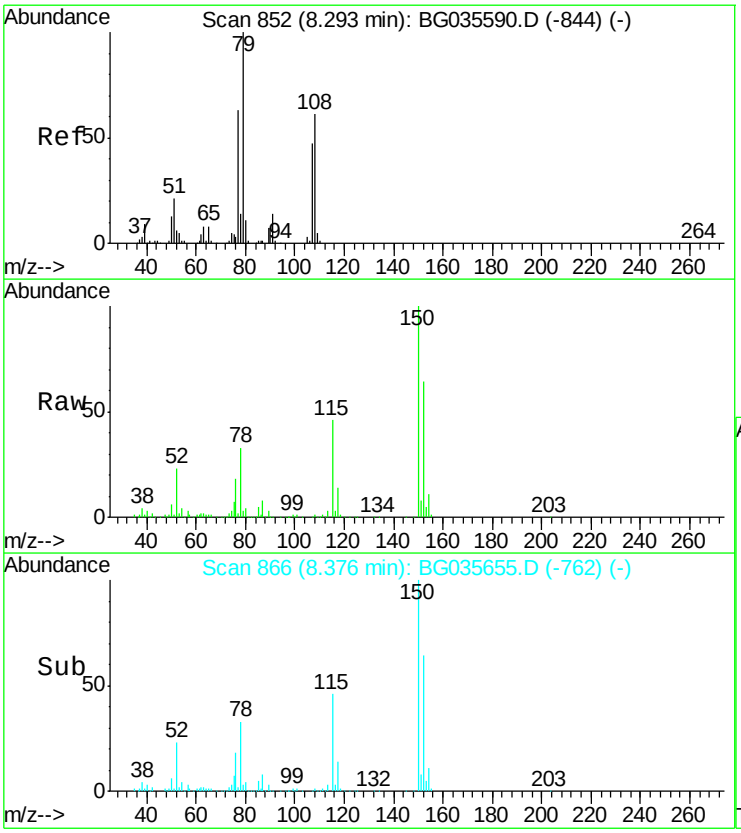
#7
Phenol-d6
Concen: 133.896 ng
RT: 7.22 min Scan# 670
Delta R.T. 0.01 min
Lab File: BG035655.D
Acq: 14 Jul 2018 7:44

Instrument :
BNA_G
ClientSampleId :
HR-05-071218-C

Tgt Ion: 99 Resp: 527489

Ion	Ratio	Lower	Upper
99	100		
42	17.0	14.1	21.1
71	43.0	26.1	39.1#

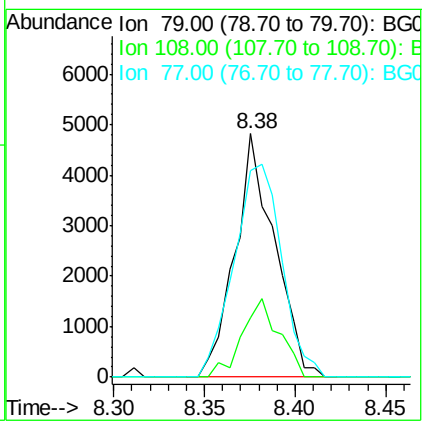


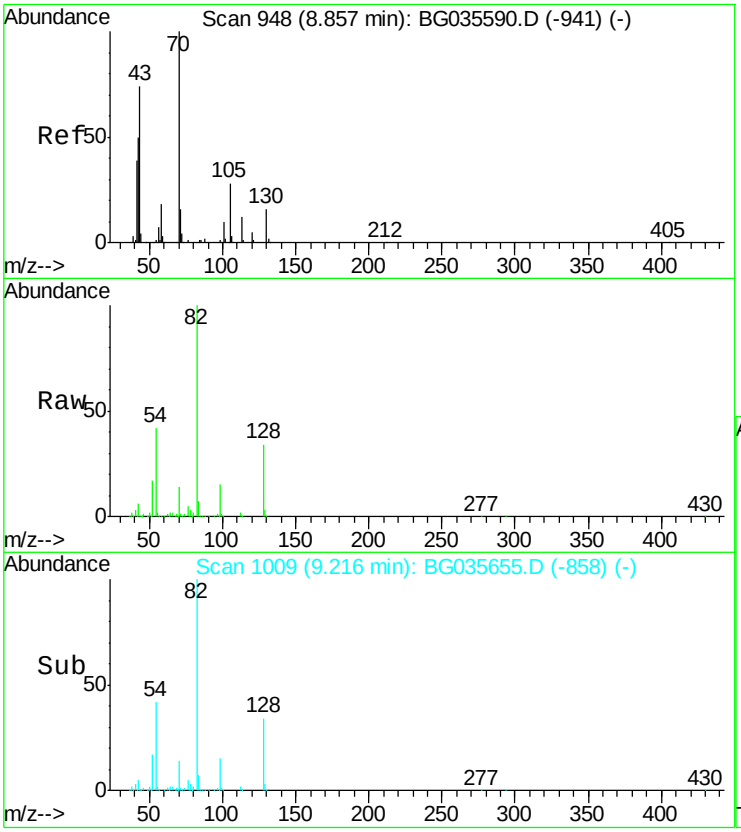


#15
Benzyl Alcohol
Concen: 2.043 ng
RT: 8.38 min Scan# 866
Delta R.T. 0.08 min
Lab File: BG035655.D
Acq: 14 Jul 2018 7:44

Tgt Ion: 79 Resp: 7310

Ion	Ratio	Lower	Upper
79	100		
108	24.2	57.2	85.8#
77	84.8	46.1	69.1#



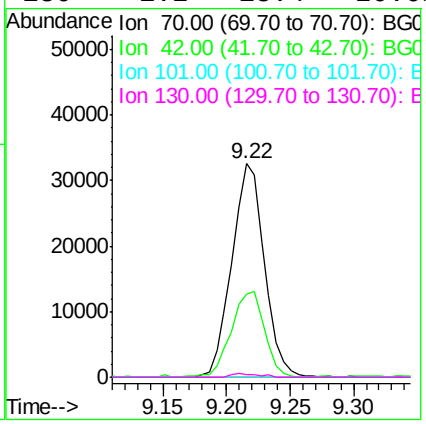


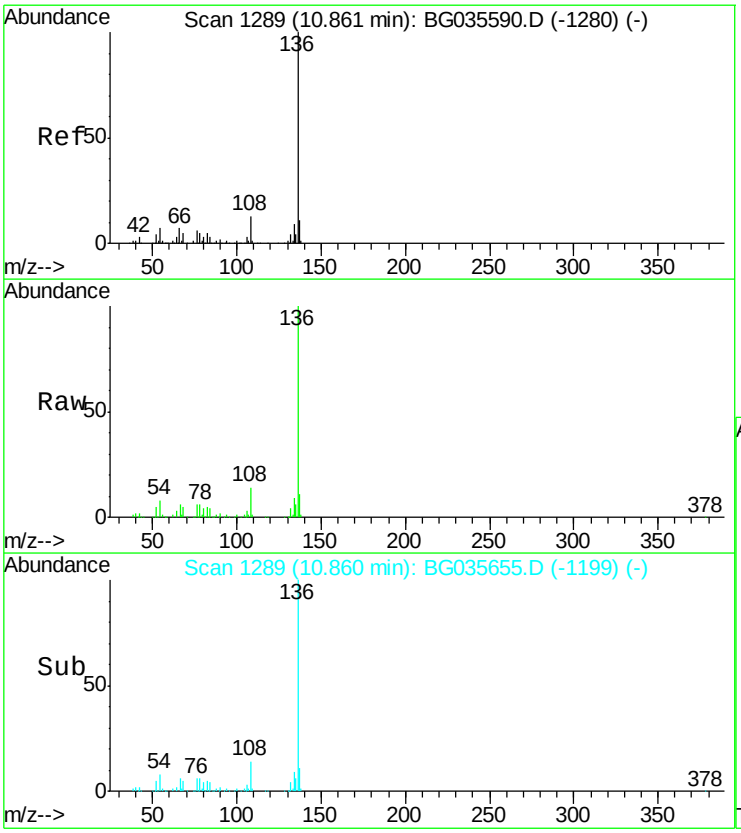
#19
n-Nitroso-di-n-propylamine
Concen: 17.417 ng
RT: 9.22 min Scan# 1009
Delta R.T. 0.36 min
Lab File: BG035655.D
Acq: 14 Jul 2018 7:44

Instrument :
BNA_G
ClientSampleId :
HR-05-071218-C

Tgt Ion: 70 Resp: 57781

Ion	Ratio	Lower	Upper
70	100		
42	39.1	49.1	73.7#
101	0.0	8.5	12.7#
130	1.2	13.4	20.0#

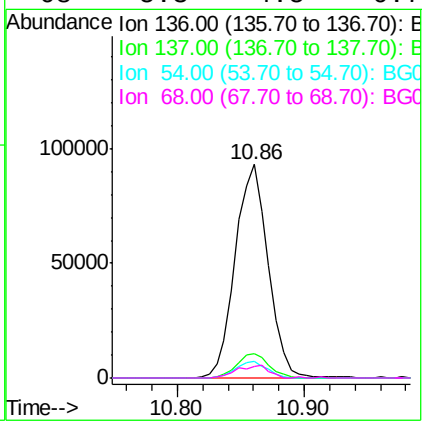


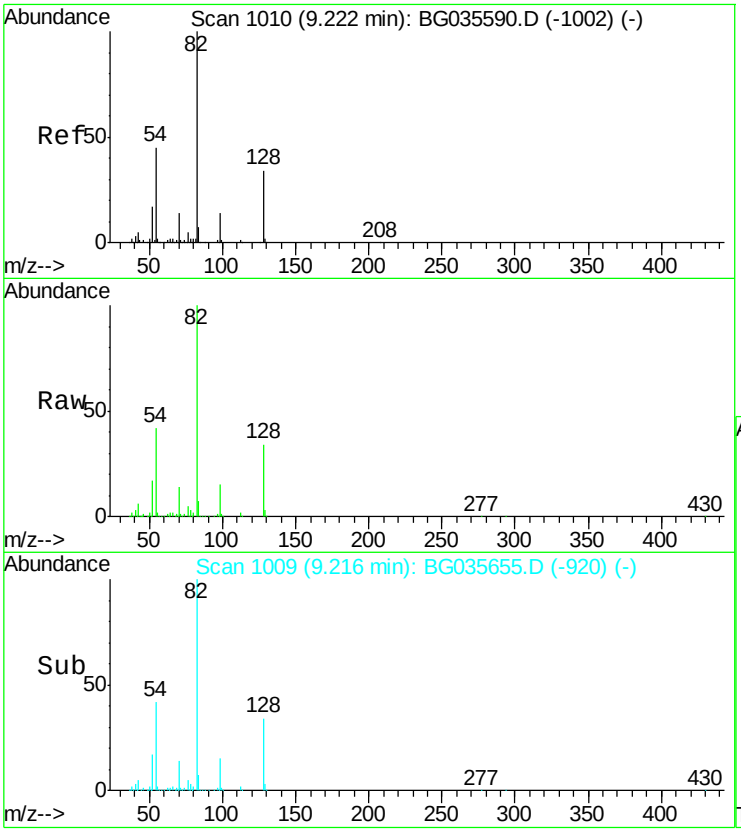


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG035655.D
Acq: 14 Jul 2018 7:44

Tgt Ion:136 Resp: 167318

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	7.5	10.3	15.5#
68	5.3	4.5	6.7



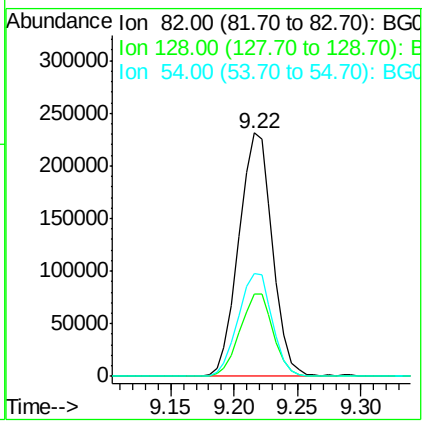


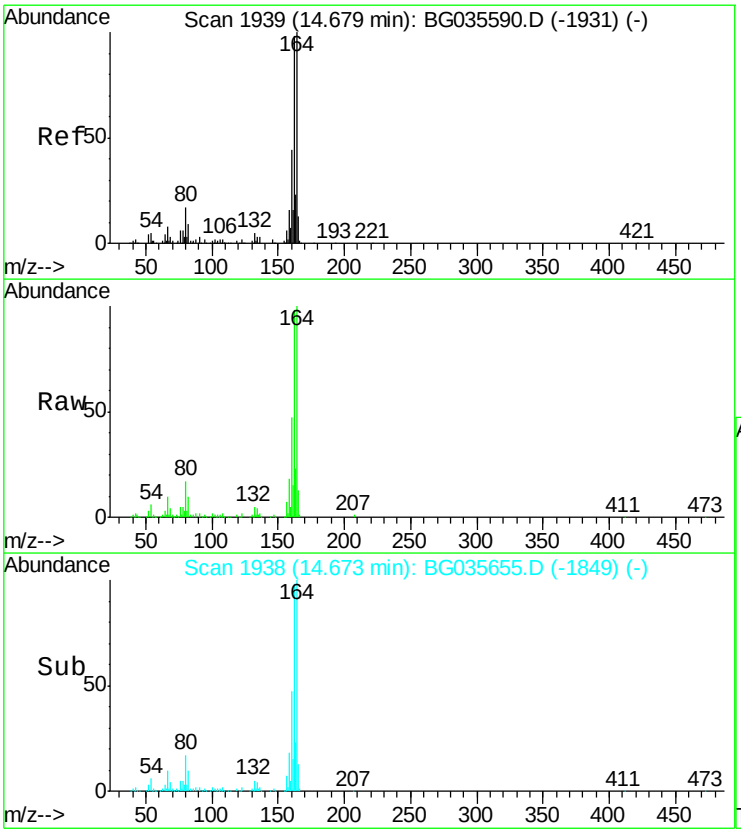
#23
Nitrobenzene-d5
Concen: 106.212 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BG035655.D
Acq: 14 Jul 2018 7:44

Instrument :
BNA_G
ClientSampleId :
HR-05-071218-C

Tgt Ion: 82 Resp: 425405

Ion	Ratio	Lower	Upper
82	100		
128	33.6	29.7	44.5
54	42.4	43.1	64.7#

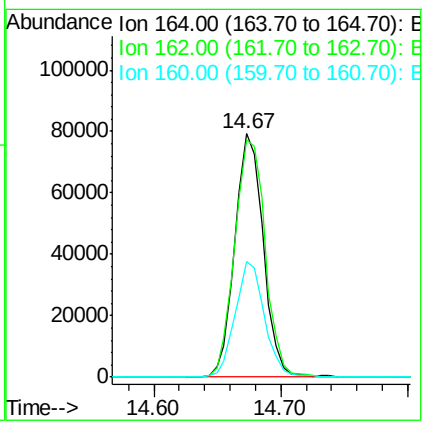


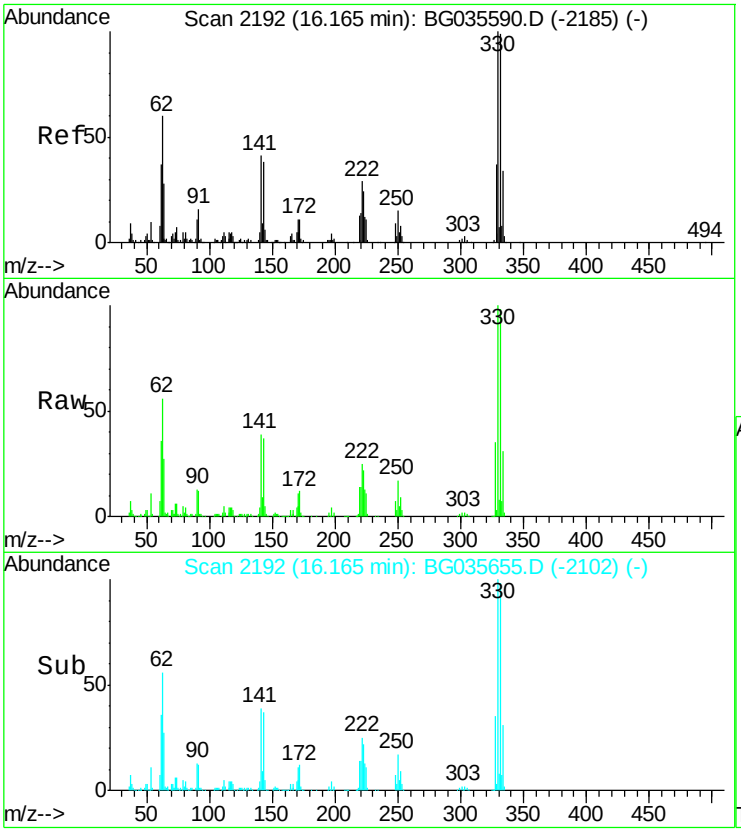


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG035655.D
Acq: 14 Jul 2018 7:44

Tgt Ion:164 Resp: 122420

Ion	Ratio	Lower	Upper
164	100		
162	97.6	78.8	118.2
160	47.5	35.4	53.0



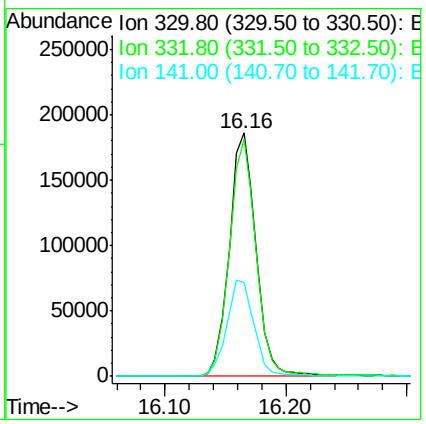


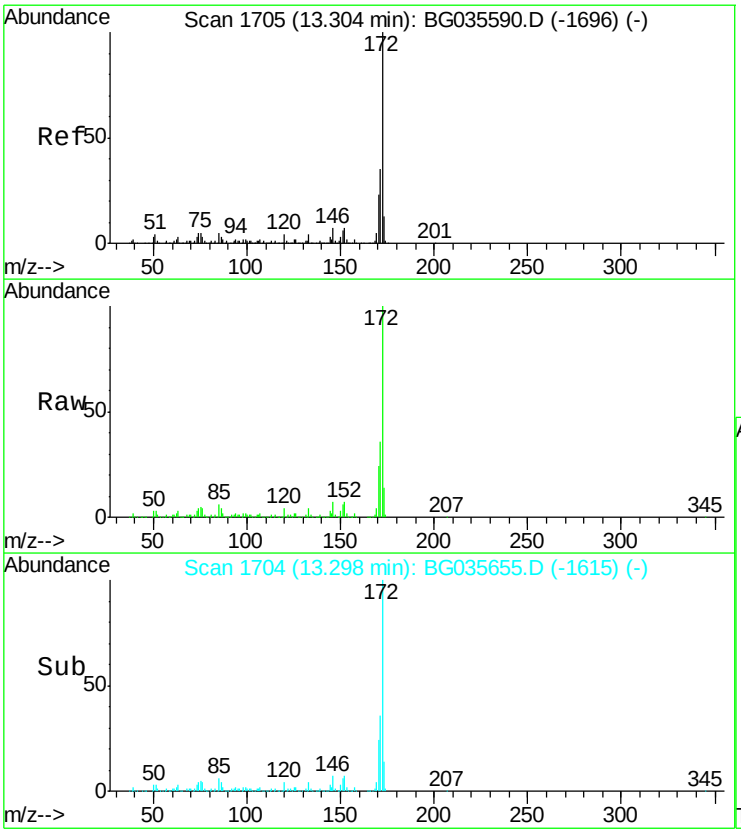
#41
2,4,6-Tribromophenol
Concen: 177.985 ng
RT: 16.16 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BG035655.D
Acq: 14 Jul 2018 7:44

Instrument :
BNA_G
ClientSampleId :
HR-05-071218-C

Tgt Ion:330 Resp: 287192

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	40.4	25.2	37.8#

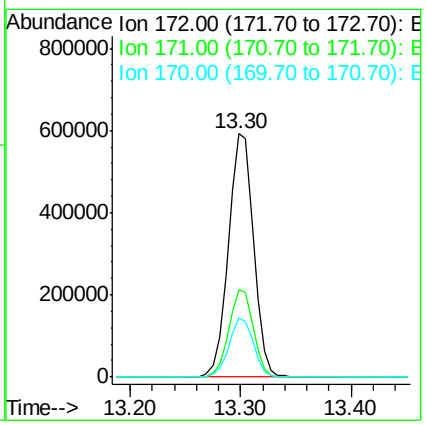


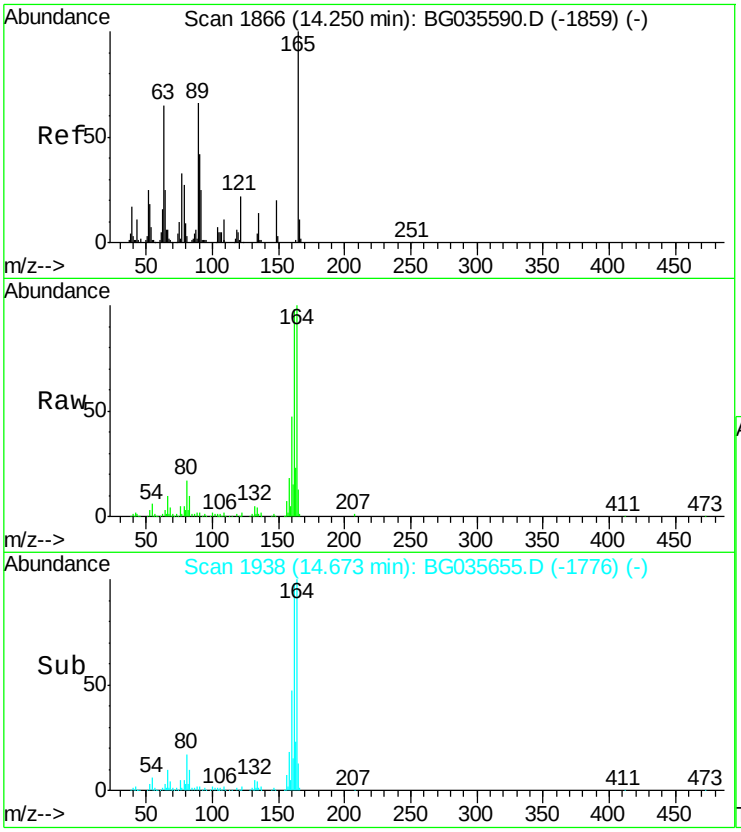


#44
2-Fluorobiphenyl
Concen: 103.621 ng
RT: 13.30 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BG035655.D
Acq: 14 Jul 2018 7:44

Tgt Ion:172 Resp: 946849

Ion	Ratio	Lower	Upper
172	100		
171	35.7	30.0	45.0
170	24.4	19.5	29.3



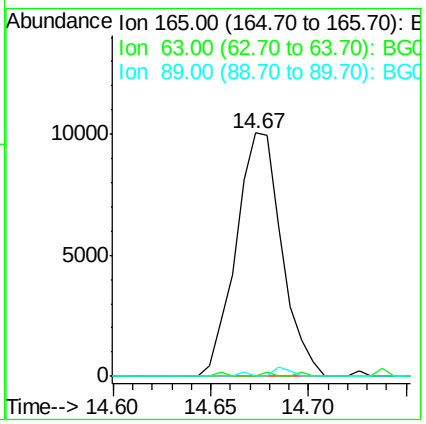


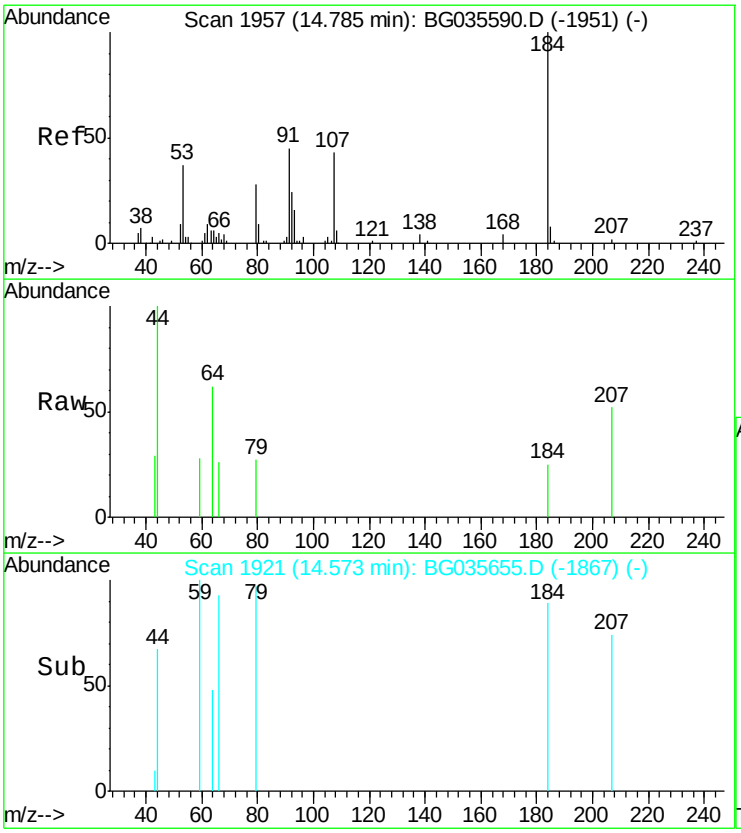
#50
2,6-Dinitrotoluene
Concen: 7.464 ng
RT: 14.67 min Scan# 1938
Delta R.T. 0.42 min
Lab File: BG035655.D
Acq: 14 Jul 2018 7:44

Instrument :
BNA_G
ClientSampleId :
HR-05-071218-C

Tgt Ion:165 Resp: 16303

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

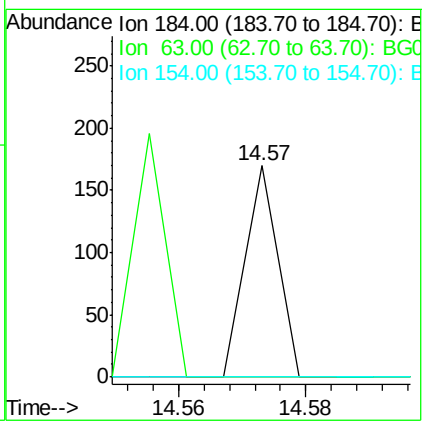


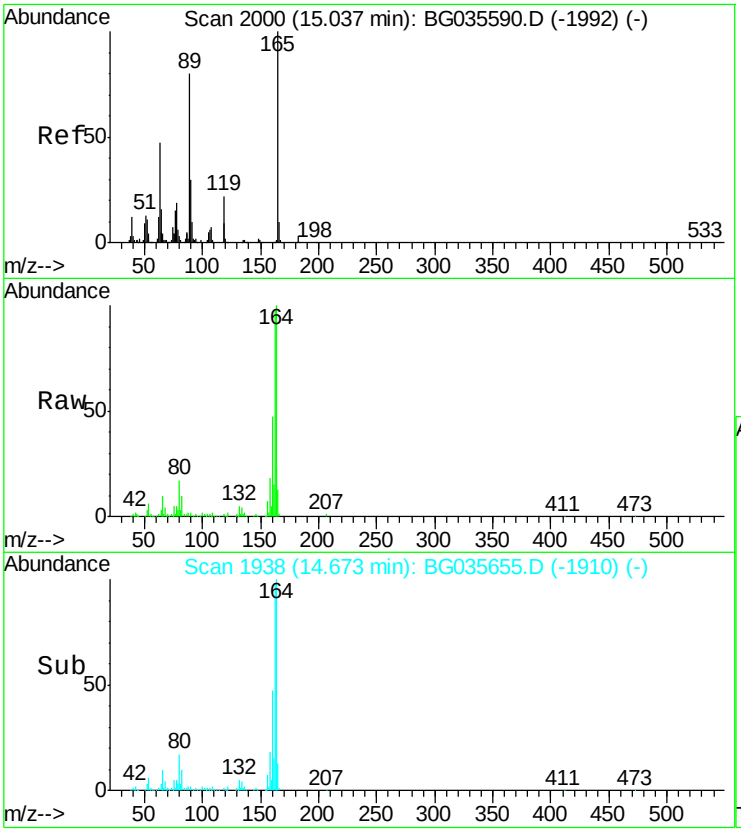


#53
2,4-Dinitrophenol
Concen: 6.631 ng
RT: 14.57 min Scan# 1921
Delta R.T. -0.21 min
Lab File: BG035655.D
Acq: 14 Jul 2018 7:44

Tgt Ion:184 Resp: 60

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



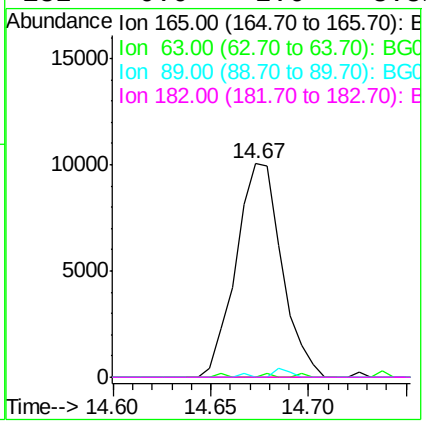


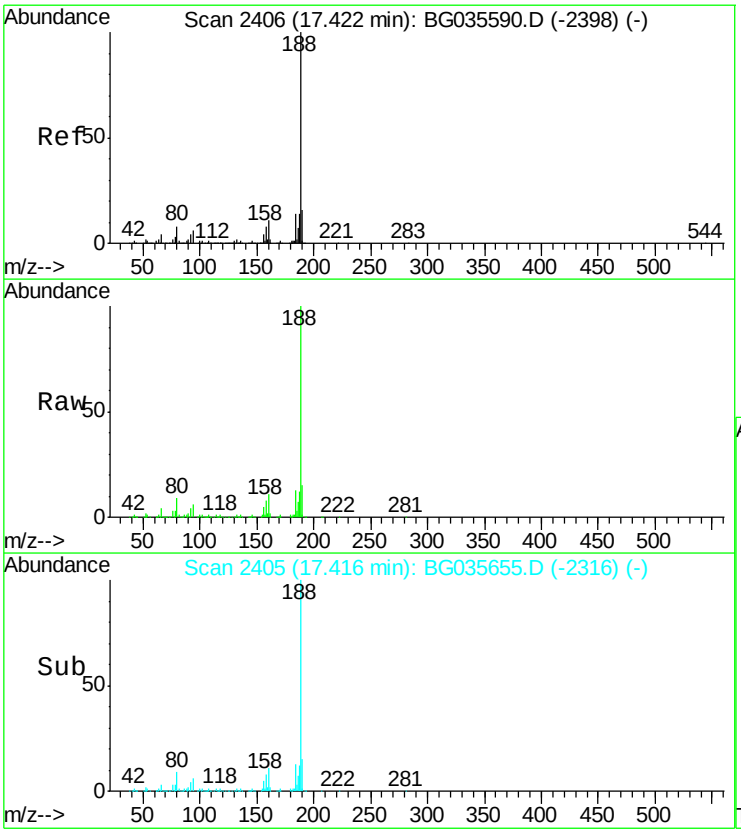
#56
2,4-Dinitrotoluene
Concen: 5.203 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.36 min
Lab File: BG035655.D
Acq: 14 Jul 2018 7:44

Instrument :
BNA_G
ClientSampleId :
HR-05-071218-C

Tgt Ion:165 Resp: 16303

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#

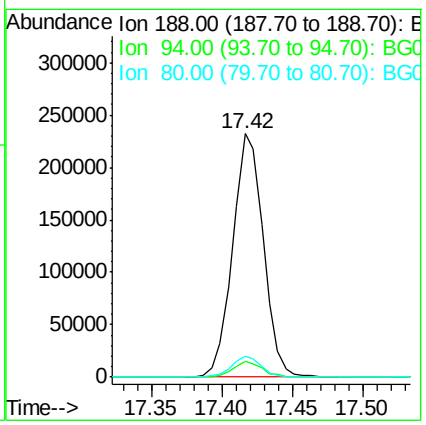


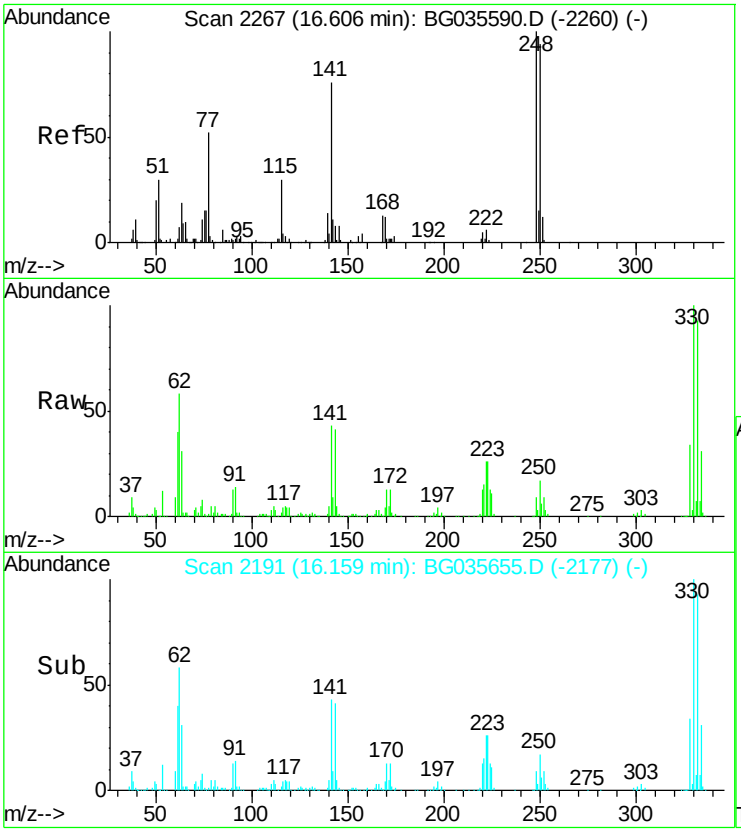


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG035655.D
Acq: 14 Jul 2018 7:44

Tgt Ion:188 Resp: 352041

Ion	Ratio	Lower	Upper
188	100		
94	6.3	6.9	10.3#
80	8.7	7.7	11.5



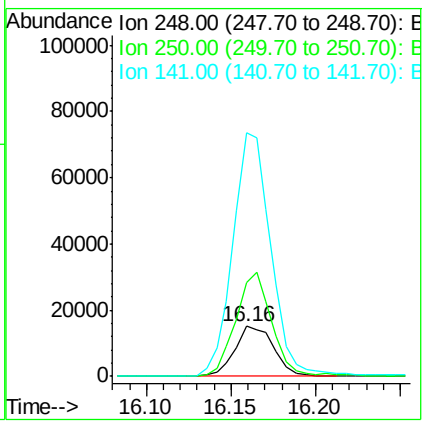


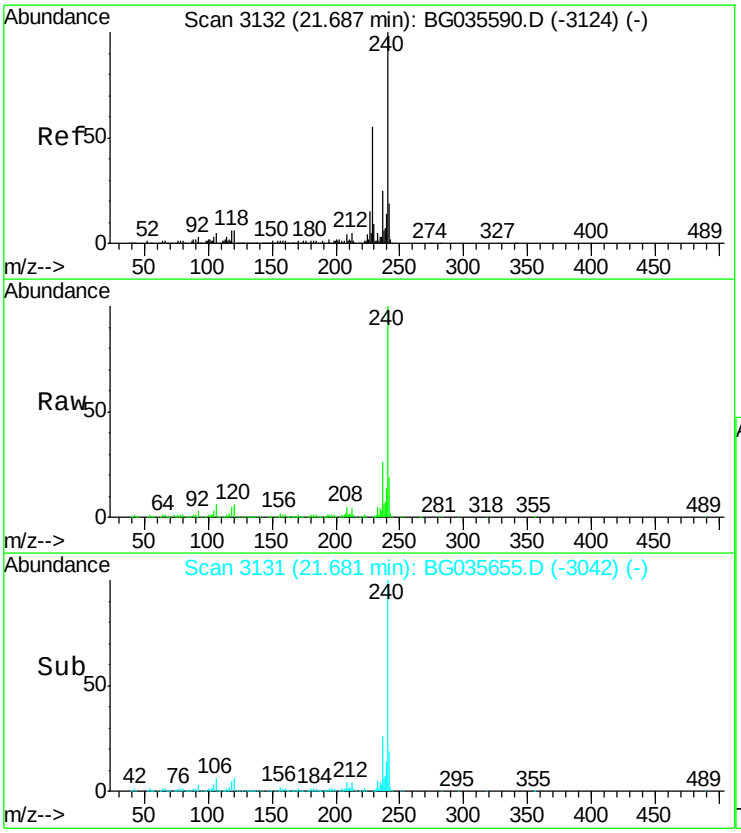
#66
4-Bromophenyl-phenylether
Concen: 5.919 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.45 min
Lab File: BG035655.D
Acq: 14 Jul 2018 7:44

Instrument :
BNA_G
ClientSampleId :
HR-05-071218-C

Tgt Ion:248 Resp: 24175

Ion	Ratio	Lower	Upper
248	100		
250	187.0	77.1	115.7#
141	486.9	50.8	76.2#

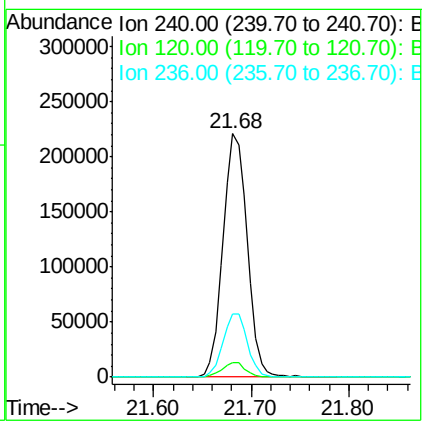


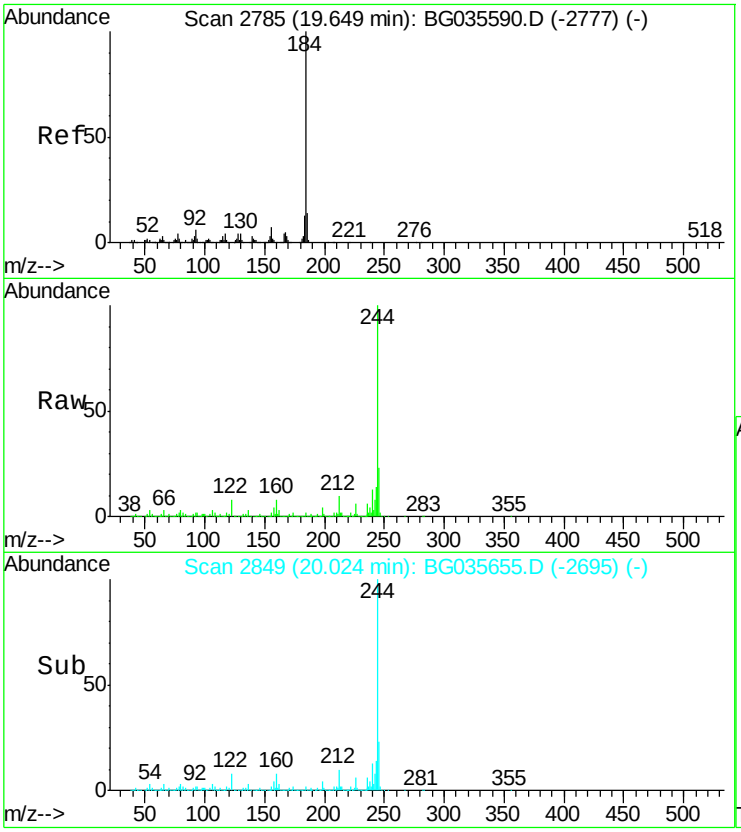


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG035655.D
Acq: 14 Jul 2018 7:44

Tgt Ion:240 Resp: 380866

Ion	Ratio	Lower	Upper
240	100		
120	5.8	6.8	10.2#
236	25.7	20.9	31.3



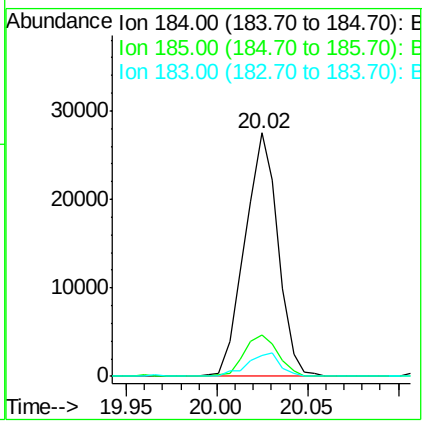


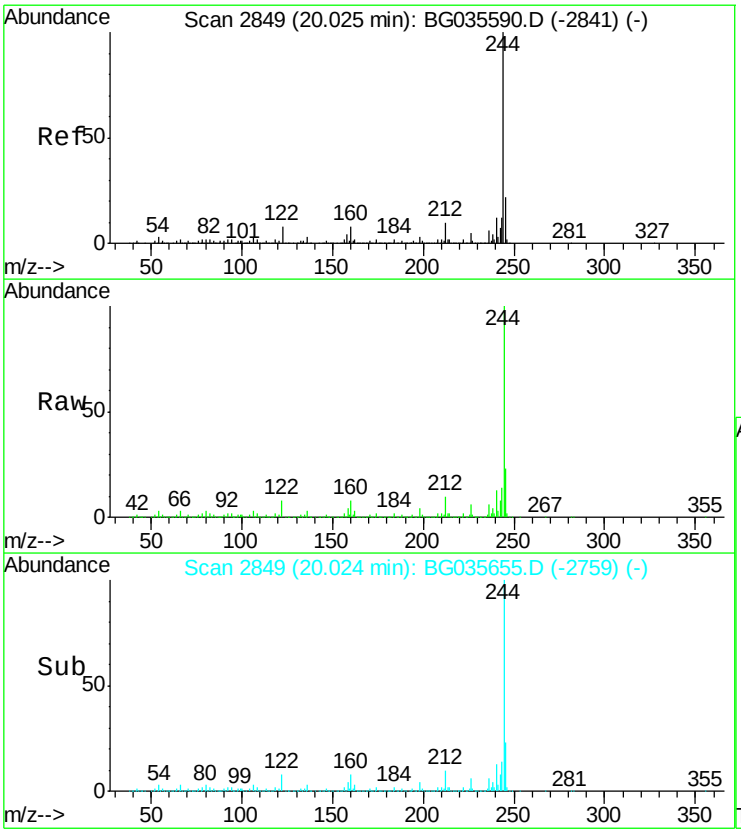
#76
Benzidine
Concen: 3.487 ng
RT: 20.02 min Scan# 2849
Delta R.T. 0.38 min
Lab File: BG035655.D
Acq: 14 Jul 2018 7:44

Instrument :
BNA_G
ClientSampleId :
HR-05-071218-C

Tgt Ion:184 Resp: 34915

Ion	Ratio	Lower	Upper
184	100		
185	17.1	11.1	16.7#
183	8.3	10.6	16.0#

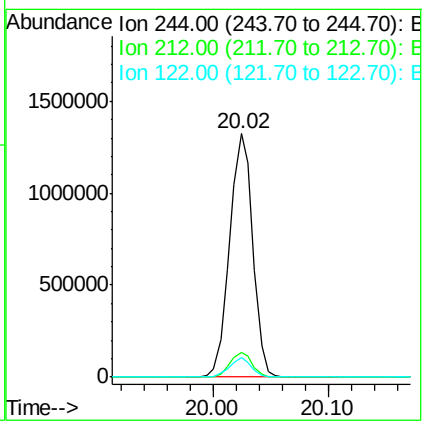


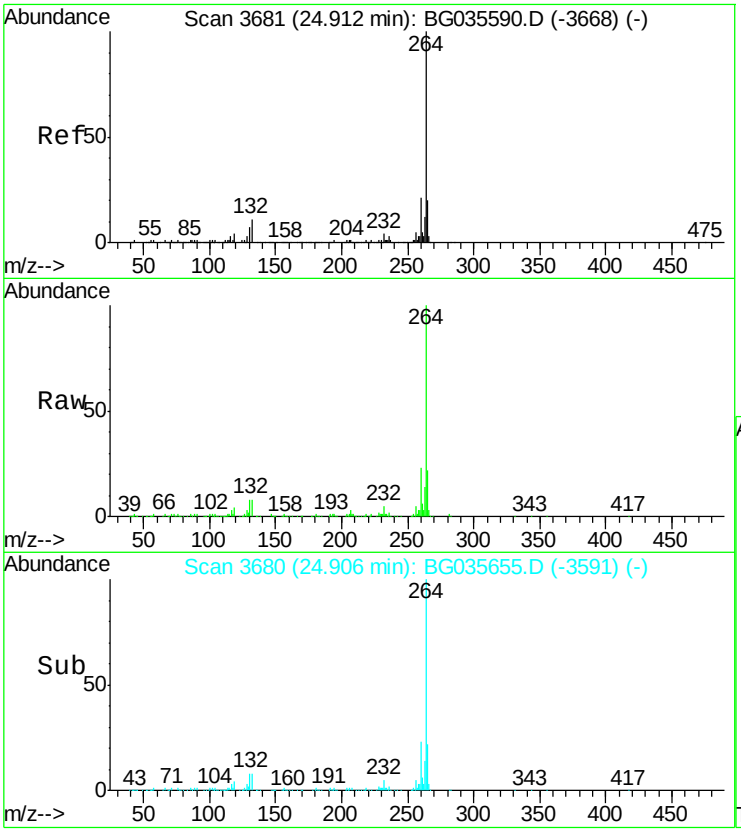


#78
Terphenyl-d14
Concen: 105.986 ng
RT: 20.02 min Scan# 2849
Delta R.T. -0.00 min
Lab File: BG035655.D
Acq: 14 Jul 2018 7:44

Tgt Ion:244 Resp: 1831255

Ion	Ratio	Lower	Upper
244	100		
212	10.4	5.8	8.8#
122	7.9	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.91 min Scan# 3680
Delta R.T. -0.01 min
Lab File: BG035655.D
Acq: 14 Jul 2018 7:44

Instrument :
BNA_G
ClientSampleId :
HR-05-071218-C

Tgt Ion:264 Resp: 354489

Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.4	26.0
265	22.1	17.7	26.5