Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071318\
Data File : BG035650.D
Acq On : 14 Jul 2018 4:30
Operator : JU/SJ
Sample : J3831-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SU-04-071218

Quant Time: Jul 14 05:50:08 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	8.05	152	47376	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	179954	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	131663	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	379579	20.00	ng	0.00
75) Chrysene-d12	21.68	240	419102	20.00	ng	0.00
86) Perylene-d12	24.90	264	390655	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	412816	144.67	ng	0.00
7) Phenol-d6	7.22	99	557128	130.86	ng	0.00
23) Nitrobenzene-d5	9.22	82	435581	101.12	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	290370	167.32	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	966623	98.36	ng	0.00
78) Terphenyl-d14	20.03	244	1885545	99.17	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.22	70	61911	17.269	ng	# 69
31) Naphthalene	10.92	128	20788	2.218	ng	# 91
50) 2,6-Dinitrotoluene	14.67	165	17552	7.472	ng	# 22
53) 2,4-Dinitrophenol	14.58	184	57	6.626	ng	# 1
56) 2,4-Dinitrotoluene	14.67	165	17552	5.208	ng	# 20
66) 4-Bromophenyl-phenylether	16.17	248	24407	5.542	ng	# 1
76) Benzidine	20.03	184	35532	3.225	ng	# 94

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

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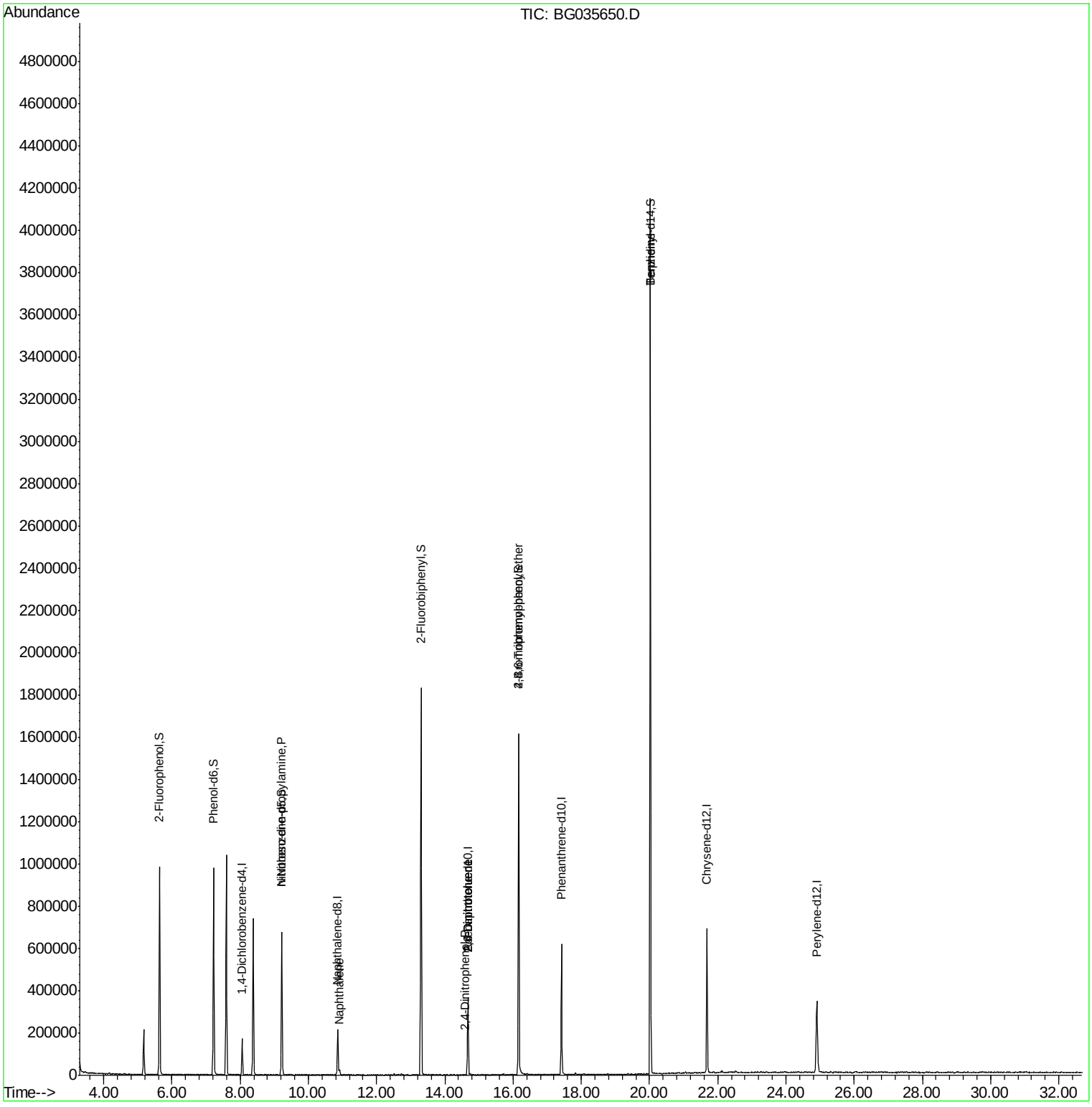
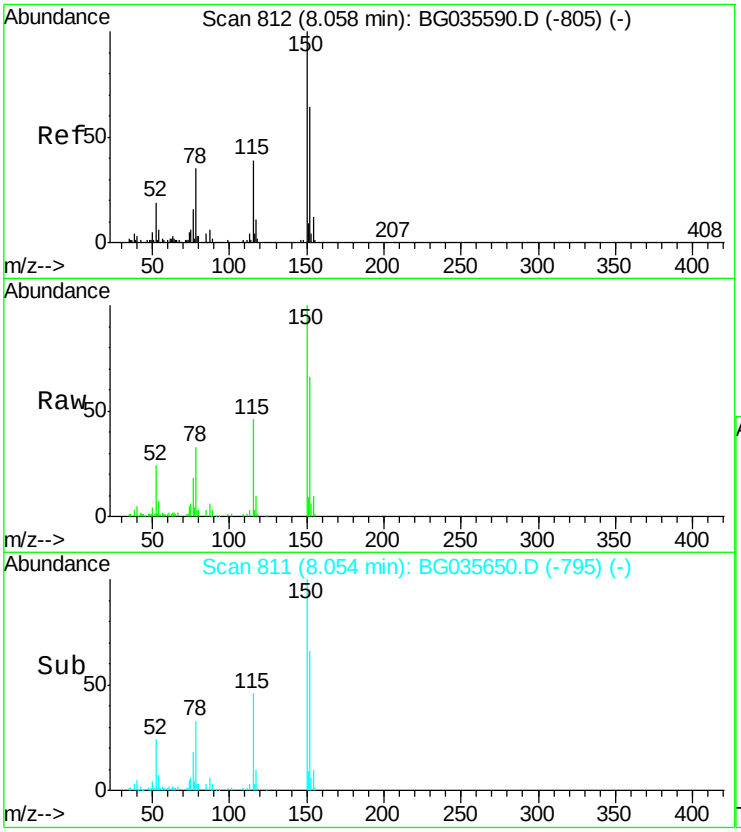


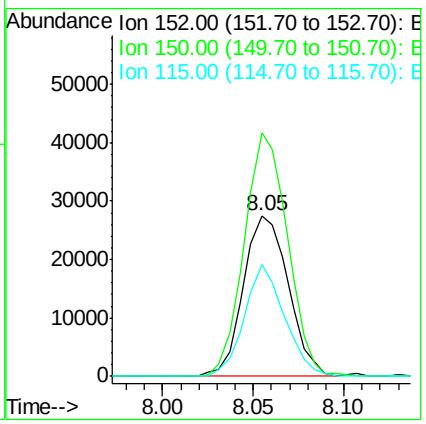


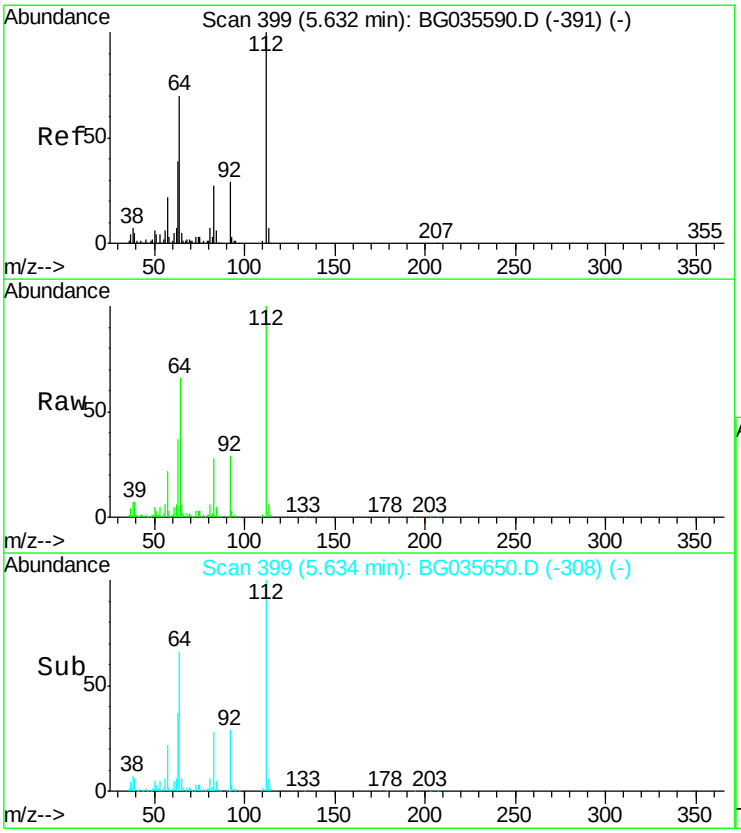
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.00 min
Lab File: BG035650.D
Acq: 14 Jul 2018 4:30

Instrument :
BNA_G
ClientSampleId :
SU-04-071218

Tgt Ion:152 Resp: 47376

Ion	Ratio	Lower	Upper
152	100		
150	151.4	126.6	189.8
115	69.1	53.0	79.4

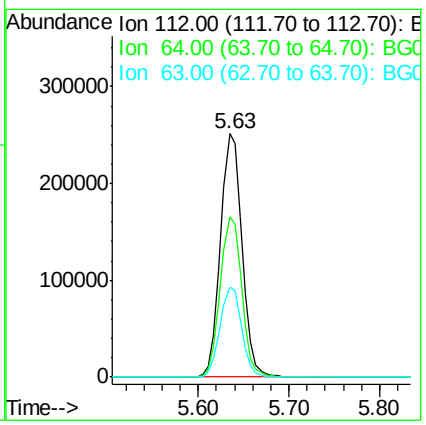


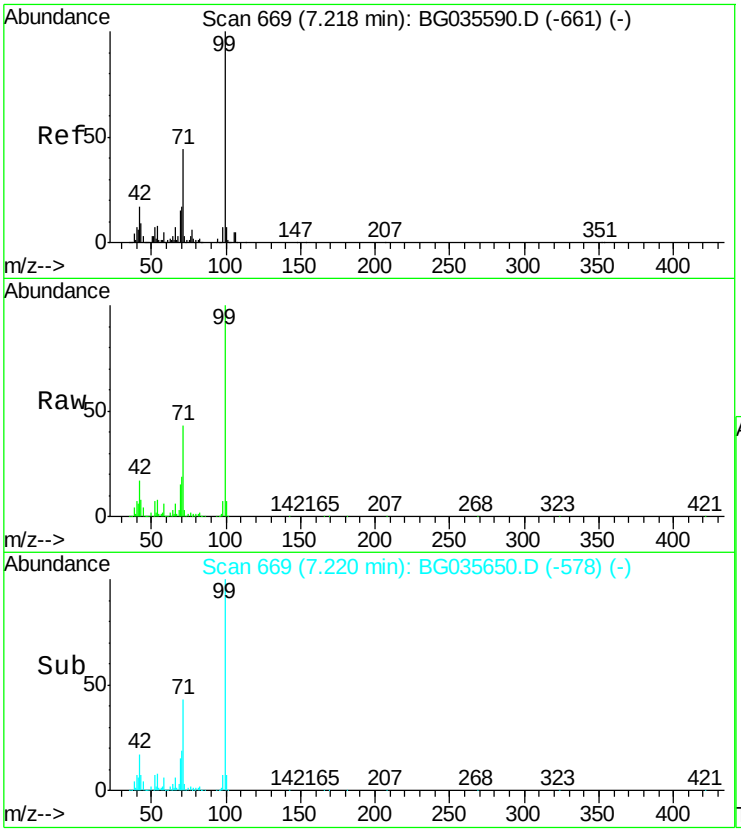


#5
2-Fluorophenol
Concen: 144.666 ng
RT: 5.63 min Scan# 399
Delta R.T. 0.00 min
Lab File: BG035650.D
Acq: 14 Jul 2018 4:30

Tgt Ion:112 Resp: 412816

Ion	Ratio	Lower	Upper
112	100		
64	66.1	56.3	84.5
63	37.0	30.1	45.1



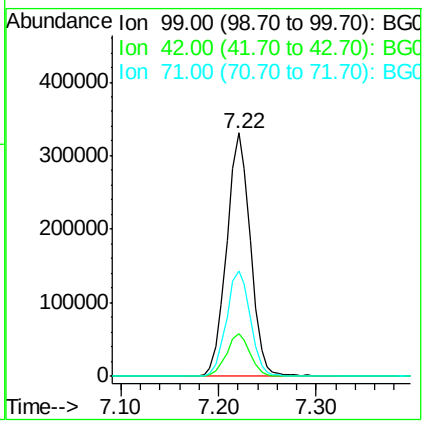


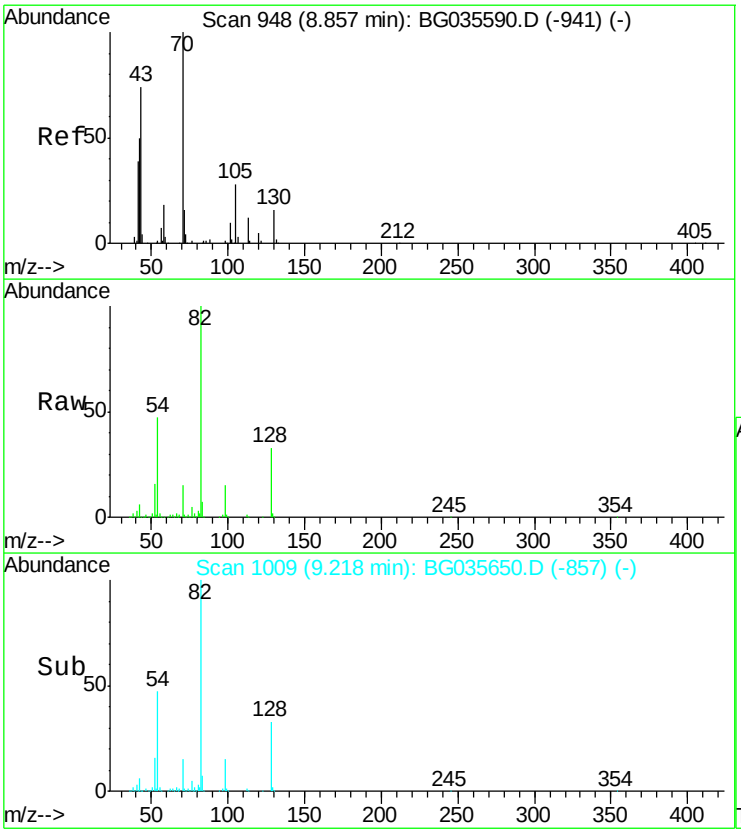
#7
Phenol-d6
Concen: 130.858 ng
RT: 7.22 min Scan# 669
Delta R.T. 0.00 min
Lab File: BG035650.D
Acq: 14 Jul 2018 4:30

Instrument :
BNA_G
ClientSampleId :
SU-04-071218

Tgt Ion: 99 Resp: 557128

Ion	Ratio	Lower	Upper
99	100		
42	17.3	14.1	21.1
71	43.2	26.1	39.1#

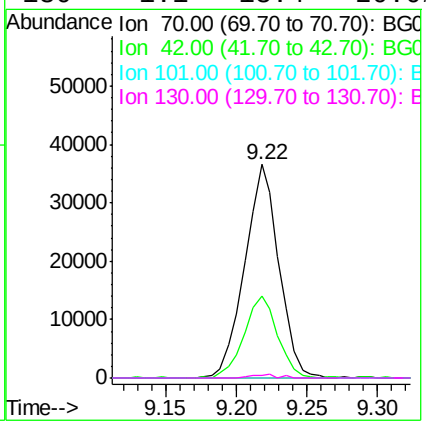


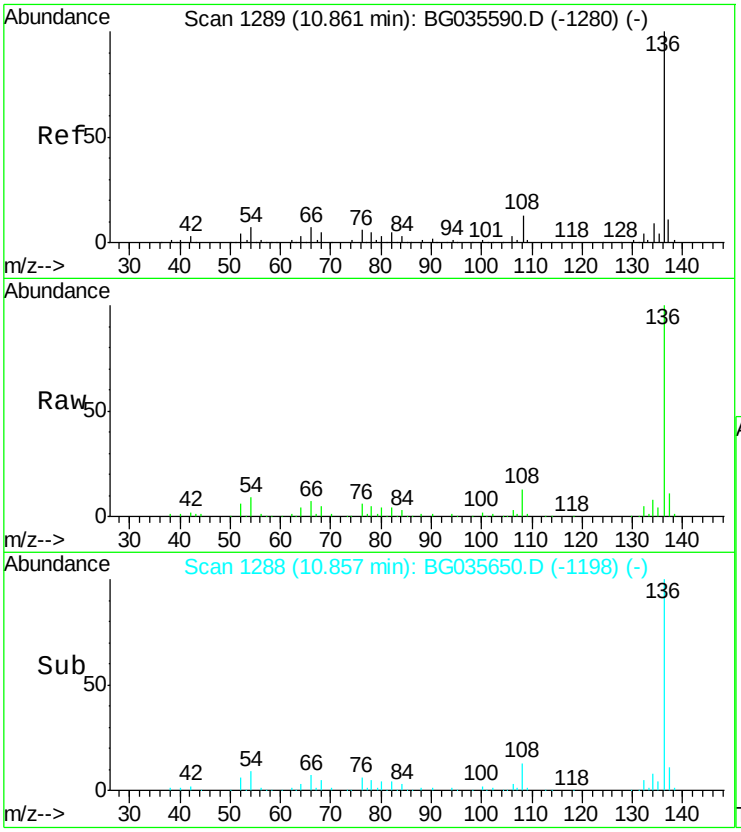


#19
n-Nitroso-di-n-propylamine
Concen: 17.269 ng
RT: 9.22 min Scan# 1009
Delta R.T. 0.36 min
Lab File: BG035650.D
Acq: 14 Jul 2018 4:30

Tgt Ion: 70 Resp: 61911

Ion	Ratio	Lower	Upper
70	100		
42	38.3	49.1	73.7#
101	0.0	8.5	12.7#
130	1.1	13.4	20.0#



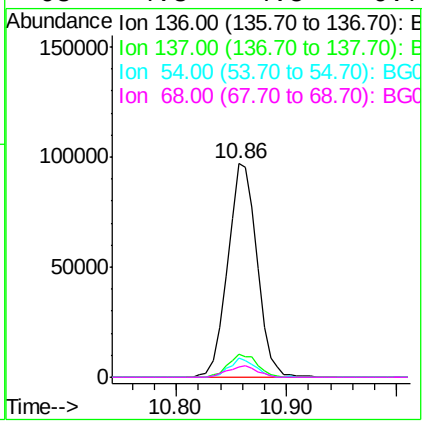


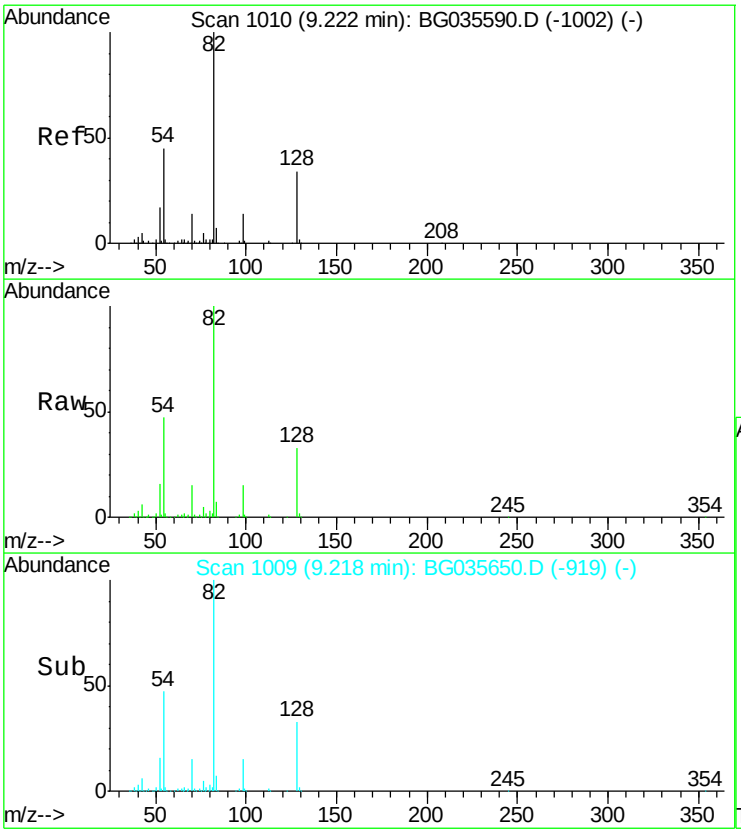
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.00 min
Lab File: BG035650.D
Acq: 14 Jul 2018 4:30

Instrument :
BNA_G
ClientSampleId :
SU-04-071218

Tgt Ion:136 Resp: 179954

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	8.8	10.3	15.5#
68	4.8	4.5	6.7

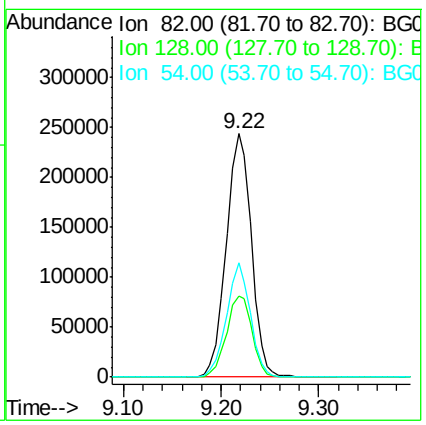


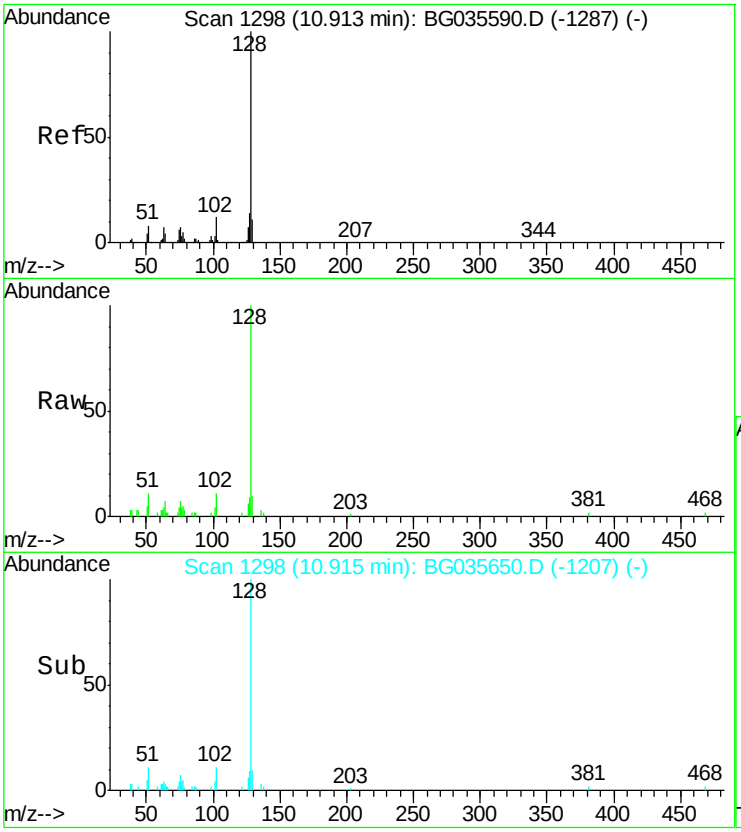


#23
Nitrobenzene-d5
Concen: 101.116 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG035650.D
Acq: 14 Jul 2018 4:30

Tgt Ion: 82 Resp: 435581

Ion	Ratio	Lower	Upper
82	100		
128	33.4	29.7	44.5
54	46.8	43.1	64.7



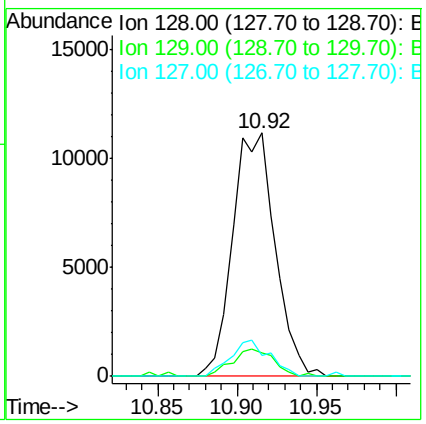


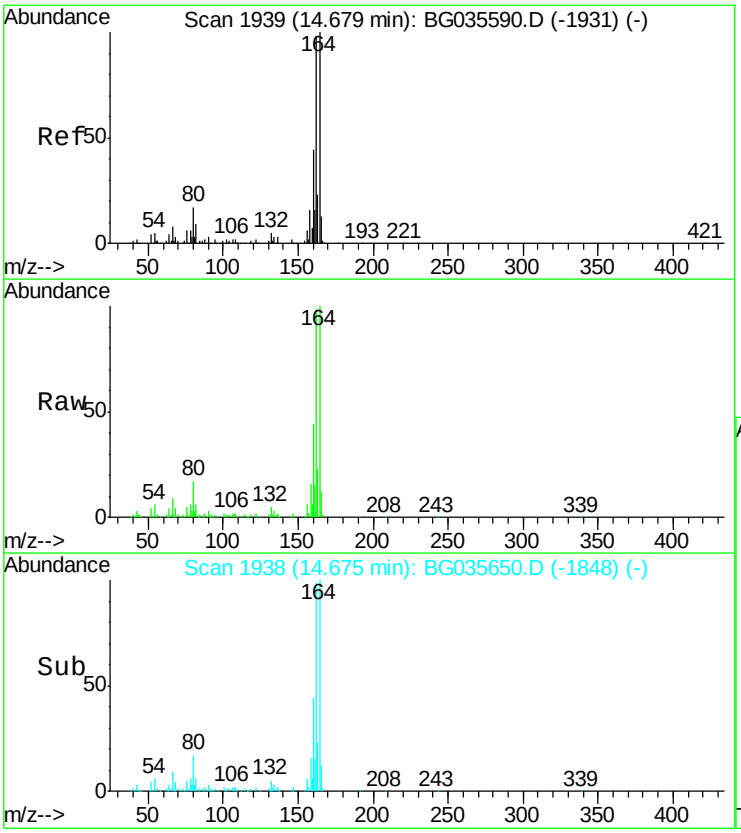
#31
Naphthalene
Concen: 2.218 ng
RT: 10.92 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BG035650.D
Acq: 14 Jul 2018 4:30

Instrument :
BNA_G
ClientSampleId :
SU-04-071218

Tgt Ion:128 Resp: 20788

Ion	Ratio	Lower	Upper
128	100		
129	9.9	8.6	12.8
127	8.6	11.6	17.4#

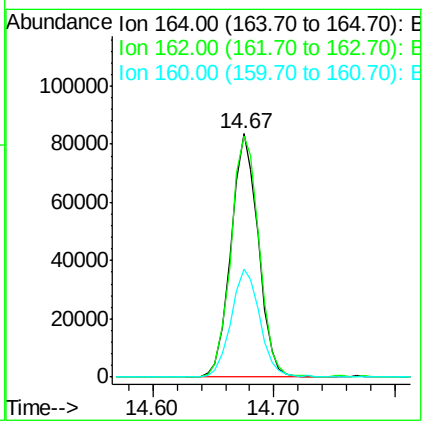


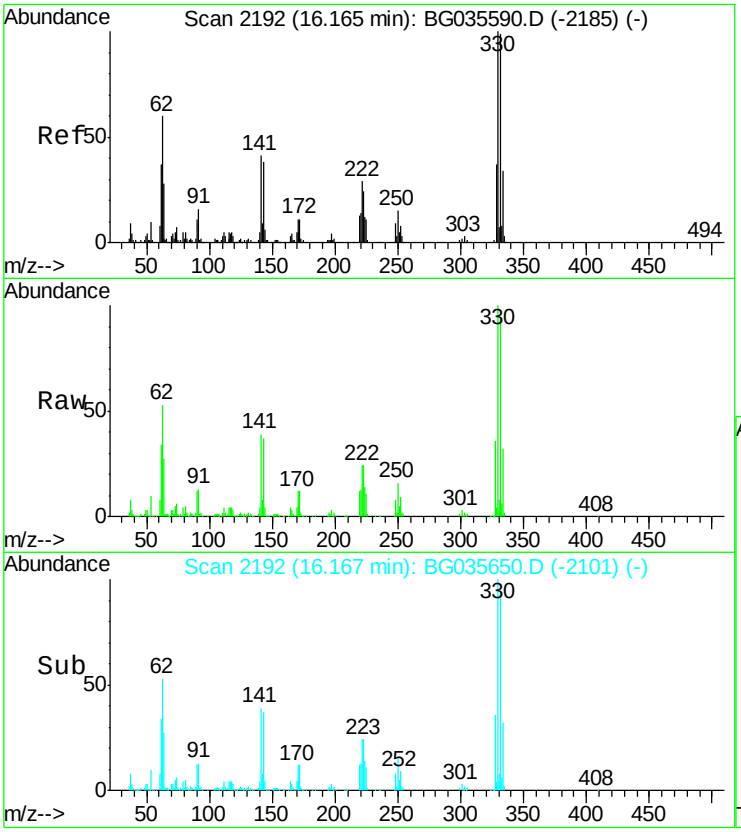


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.00 min
Lab File: BG035650.D
Acq: 14 Jul 2018 4:30

Tgt Ion:164 Resp: 131663

Ion	Ratio	Lower	Upper
164	100		
162	99.1	78.8	118.2
160	44.2	35.4	53.0



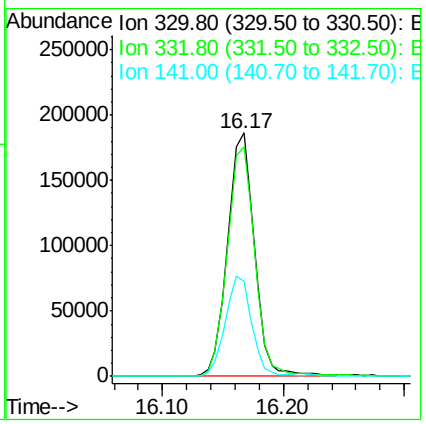


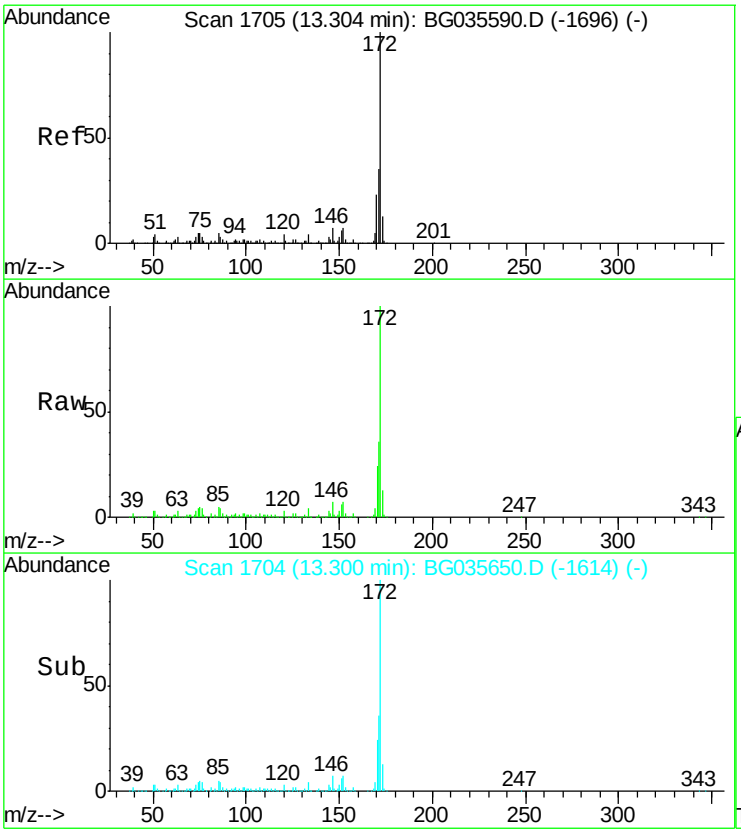
#41
2,4,6-Tribromophenol
Concen: 167.321 ng
RT: 16.17 min Scan# 2192
Delta R.T. 0.00 min
Lab File: BG035650.D
Acq: 14 Jul 2018 4:30

Instrument :
BNA_G
ClientSampleId :
SU-04-071218

Tgt Ion:330 Resp: 290370

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	41.1	25.2	37.8#

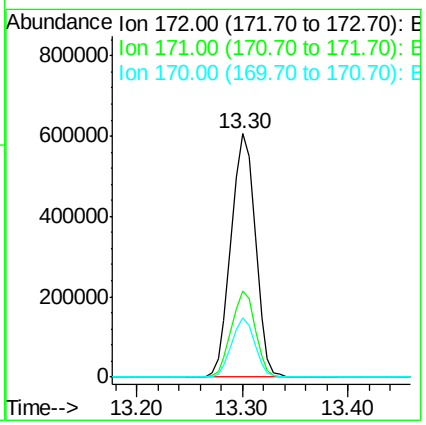


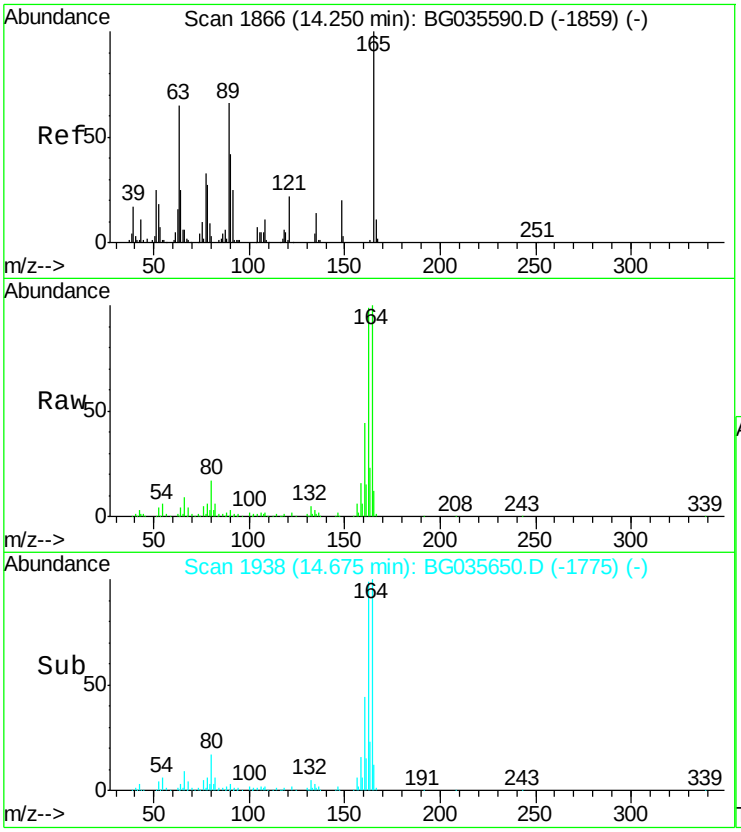


#44
2-Fluorobiphenyl
Concen: 98.359 ng
RT: 13.30 min Scan# 1704
Delta R.T. -0.00 min
Lab File: BG035650.D
Acq: 14 Jul 2018 4:30

Tgt Ion:172 Resp: 966623

Ion	Ratio	Lower	Upper
172	100		
171	35.7	30.0	45.0
170	24.2	19.5	29.3



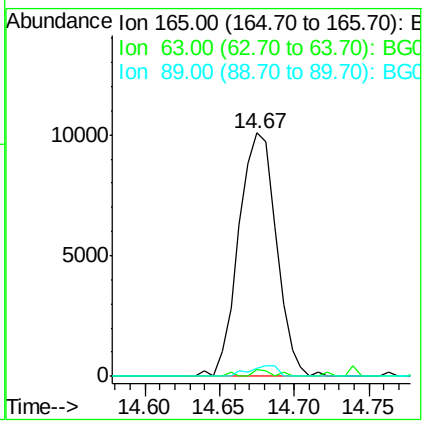


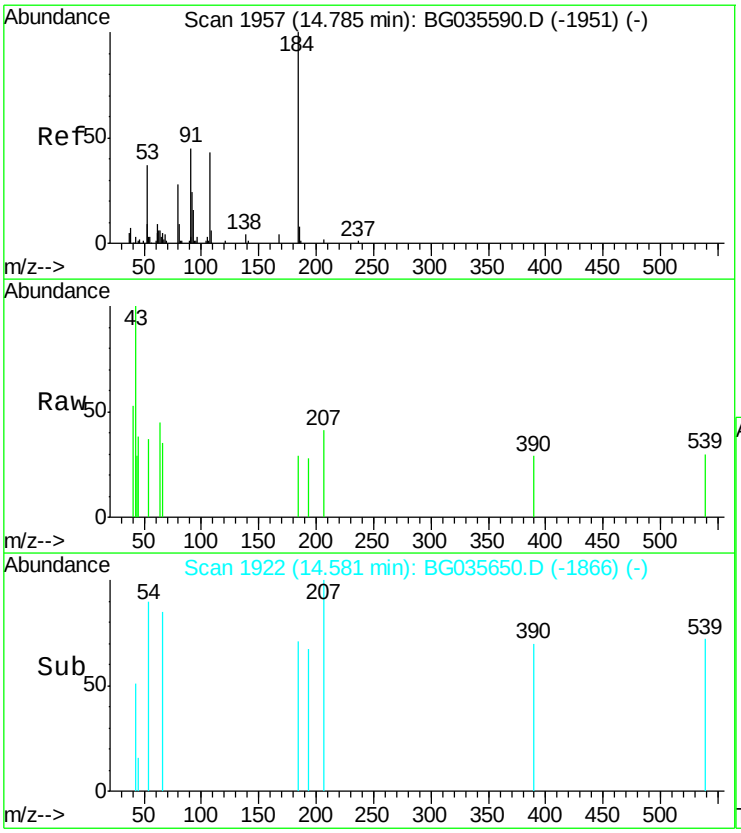
#50
2,6-Dinitrotoluene
Concen: 7.472 ng
RT: 14.67 min Scan# 1938
Delta R.T. 0.42 min
Lab File: BG035650.D
Acq: 14 Jul 2018 4:30

Instrument :
BNA_G
ClientSampleId :
SU-04-071218

Tgt Ion:165 Resp: 17552

Ion	Ratio	Lower	Upper
165	100		
63	2.7	52.7	79.1#
89	3.2	49.2	73.8#

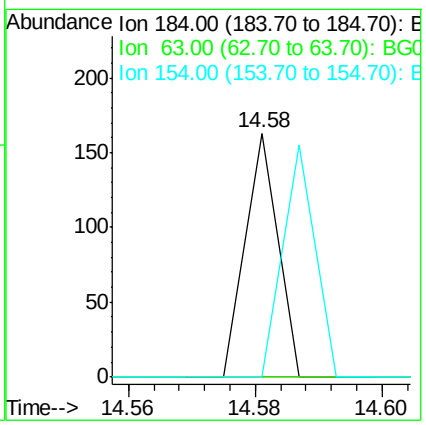


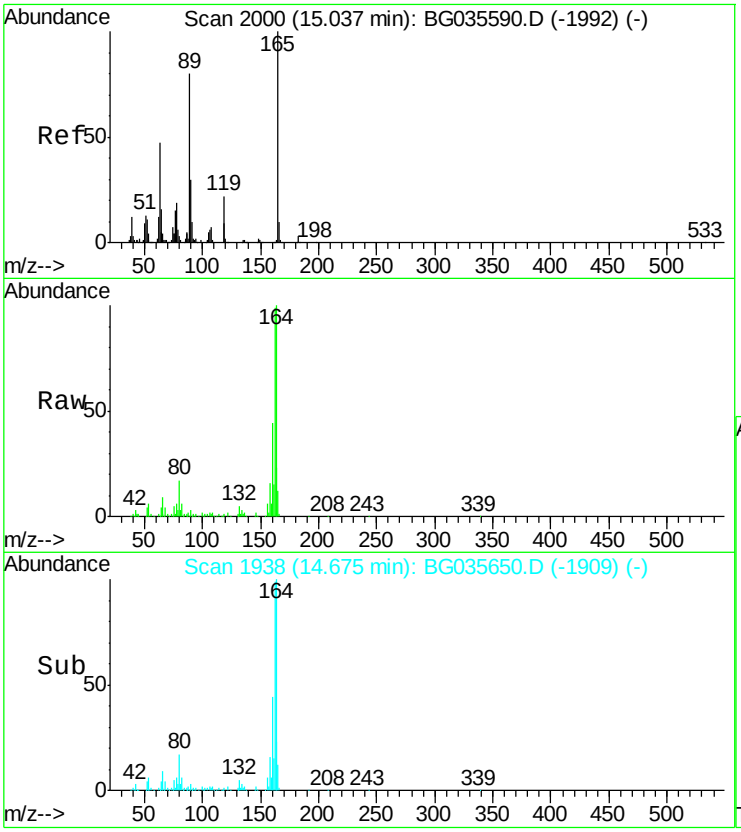


#53
2,4-Dinitrophenol
Concen: 6.626 ng
RT: 14.58 min Scan# 1922
Delta R.T. -0.20 min
Lab File: BG035650.D
Acq: 14 Jul 2018 4:30

Tgt Ion:184 Resp: 57

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



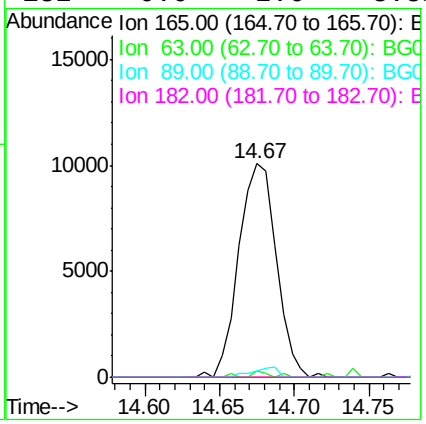


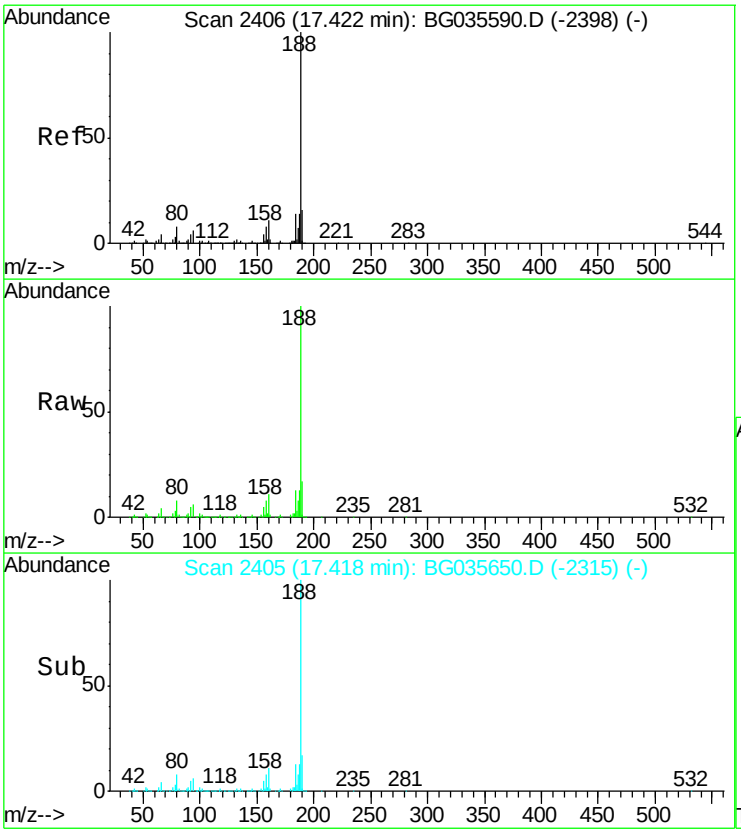
#56
2,4-Dinitrotoluene
Concen: 5.208 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.36 min
Lab File: BG035650.D
Acq: 14 Jul 2018 4:30

Instrument :
BNA_G
ClientSampleId :
SU-04-071218

Tgt Ion:165 Resp: 17552

Ion	Ratio	Lower	Upper
165	100		
63	2.7	42.0	63.0#
89	3.2	66.9	100.3#
182	0.0	2.6	3.8#

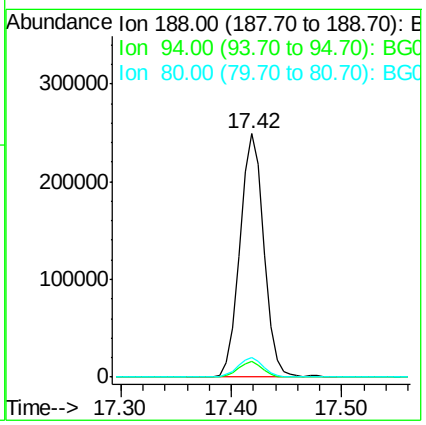


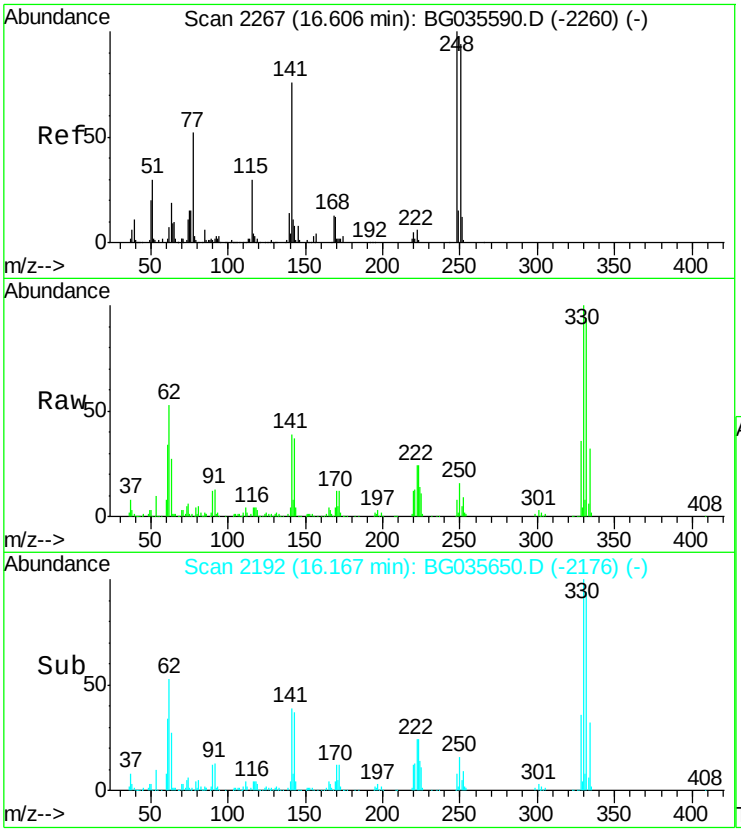


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.00 min
Lab File: BG035650.D
Acq: 14 Jul 2018 4:30

Tgt Ion:188 Resp: 379579

Ion	Ratio	Lower	Upper
188	100		
94	6.4	6.9	10.3#
80	7.9	7.7	11.5



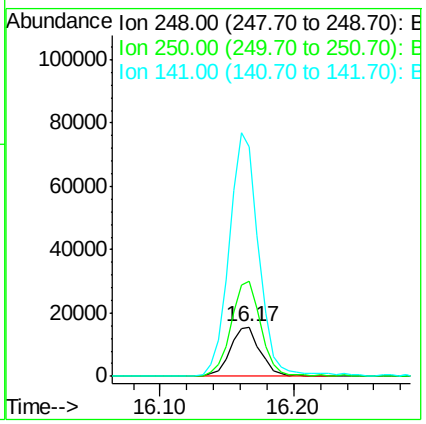


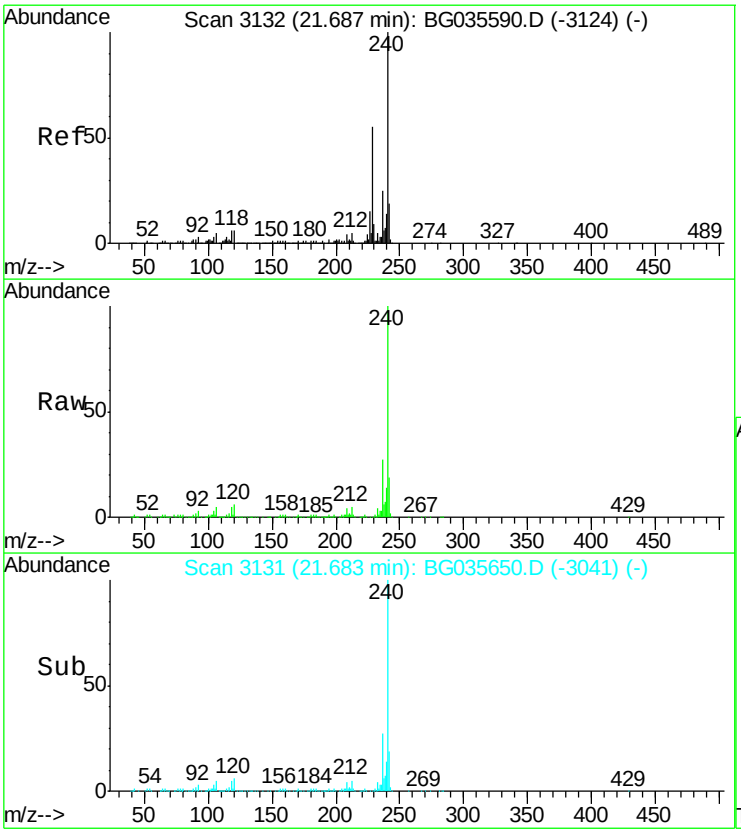
#66
4-Bromophenyl-phenylether
Concen: 5.542 ng
RT: 16.17 min Scan# 2192
Delta R.T. -0.44 min
Lab File: BG035650.D
Acq: 14 Jul 2018 4:30

Instrument :
BNA_G
ClientSampleId :
SU-04-071218

Tgt Ion:248 Resp: 24407

Ion	Ratio	Lower	Upper
248	100		
250	191.8	77.1	115.7#
141	464.6	50.8	76.2#

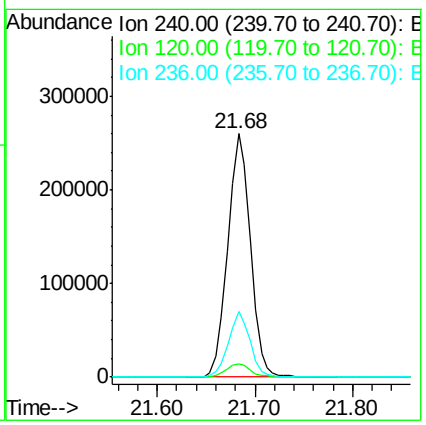


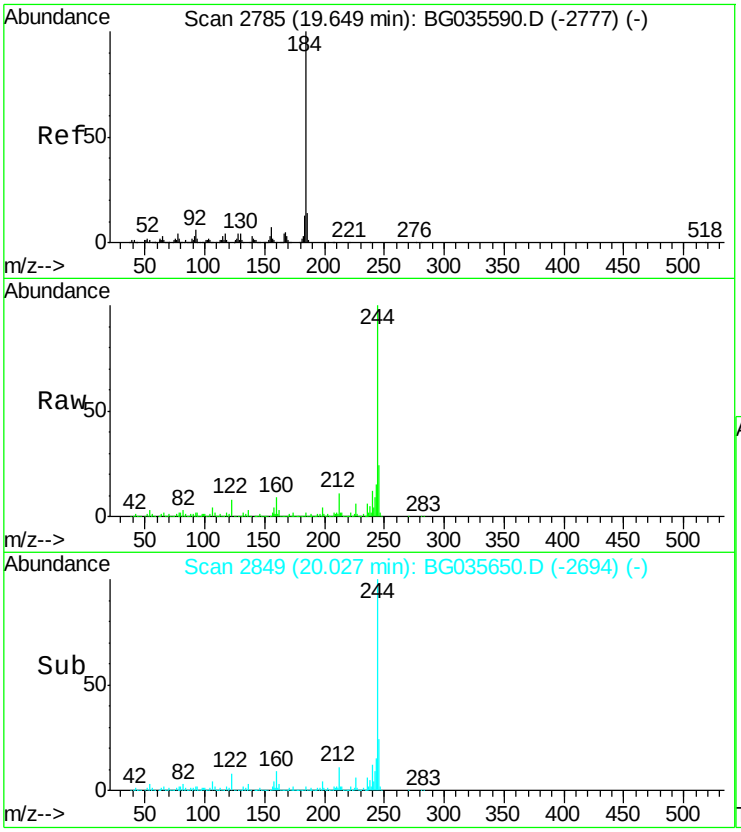


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.00 min
Lab File: BG035650.D
Acq: 14 Jul 2018 4:30

Tgt Ion:240 Resp: 419102

Ion	Ratio	Lower	Upper
240	100		
120	5.6	6.8	10.2#
236	27.0	20.9	31.3



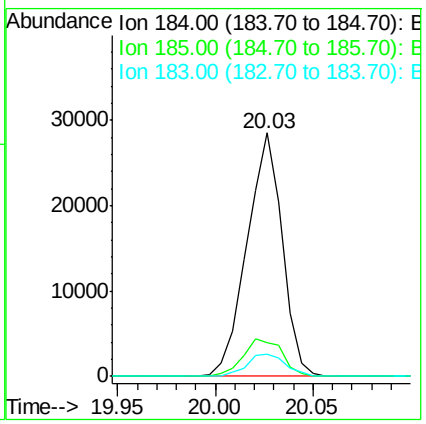


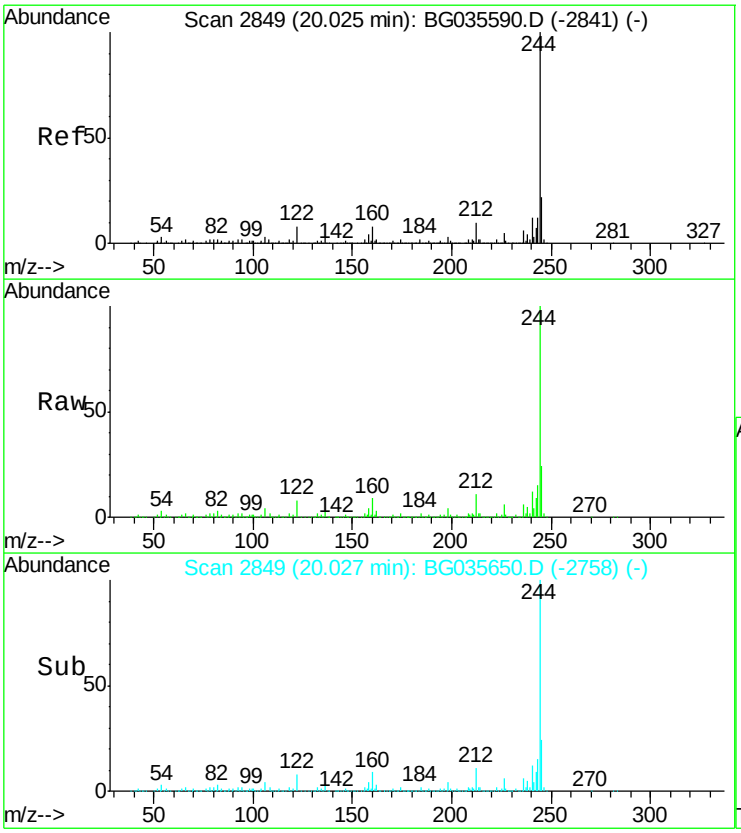
#76
Benzidine
Concen: 3.225 ng
RT: 20.03 min Scan# 2849
Delta R.T. 0.38 min
Lab File: BG035650.D
Acq: 14 Jul 2018 4:30

Instrument :
BNA_G
ClientSampleId :
SU-04-071218

Tgt Ion:184 Resp: 35532

Ion	Ratio	Lower	Upper
184	100		
185	14.0	11.1	16.7
183	8.9	10.6	16.0#

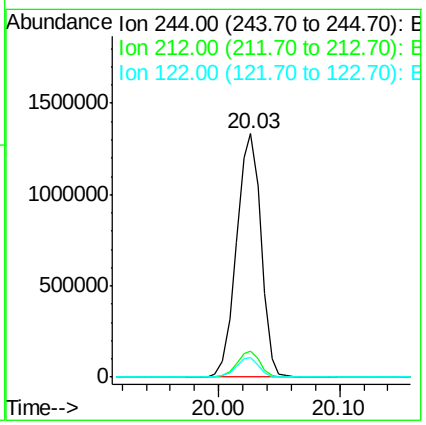


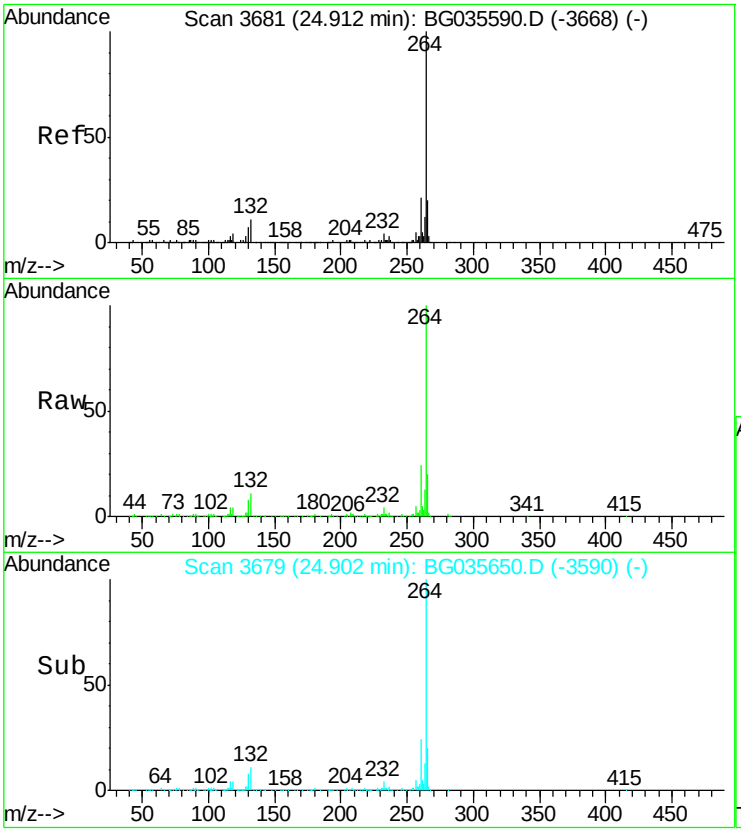


#78
Terphenyl-d14
Concen: 99.172 ng
RT: 20.03 min Scan# 2849
Delta R.T. 0.00 min
Lab File: BG035650.D
Acq: 14 Jul 2018 4:30

Tgt Ion:244 Resp: 1885545

Ion	Ratio	Lower	Upper
244	100		
212	10.8	5.8	8.8#
122	8.3	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3679
Delta R.T. -0.01 min
Lab File: BG035650.D
Acq: 14 Jul 2018 4:30

Instrument :
BNA_G
ClientSampleId :
SU-04-071218

Tgt Ion:264 Resp: 390655

Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.4	26.0
265	20.5	17.7	26.5