Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062118\
Data File : BG035317.D
Acq On : 22 Jun 2018 3:45
Operator : JU/SJ
Sample : J3603-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jun 22 05:16:35 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 08 17:16:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	51511	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	178750	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	121366	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	331839	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	362742	20.00	ng	-0.03
86) Perylene-d12	24.91	264	346959	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	414518	135.80	ng	0.00
7) Phenol-d6	7.21	99	536358	119.06	ng	-0.01
23) Nitrobenzene-d5	9.21	82	421112	111.98	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	293769	189.08	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	902738	96.70	ng	-0.02
78) Terphenyl-d14	20.03	244	1728231	99.80	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.21	70	58221	15.212	ng	# 67
50) 2,6-Dinitrotoluene	14.67	165	16824	8.714	ng	# 20
56) 2,4-Dinitrotoluene	14.67	165	16824	6.559	ng	# 18
66) 4-Bromophenyl-phenylether	16.16	248	22727	5.687	ng	# 1
76) Benzidine	20.02	184	29698	2.201	ng	# 92

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062118\
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Acq On : 22 Jun 2018 3:45
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Misc :
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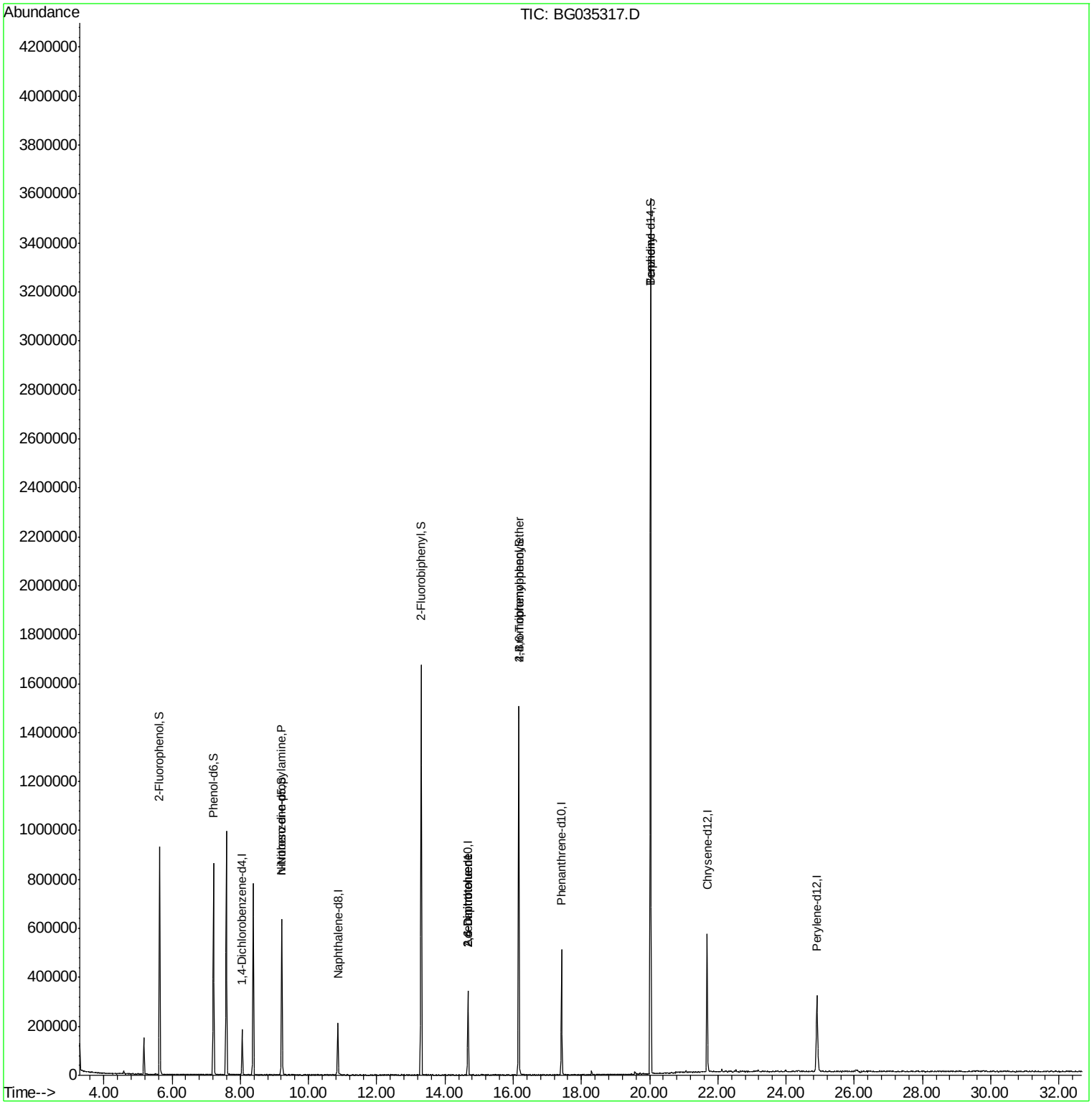
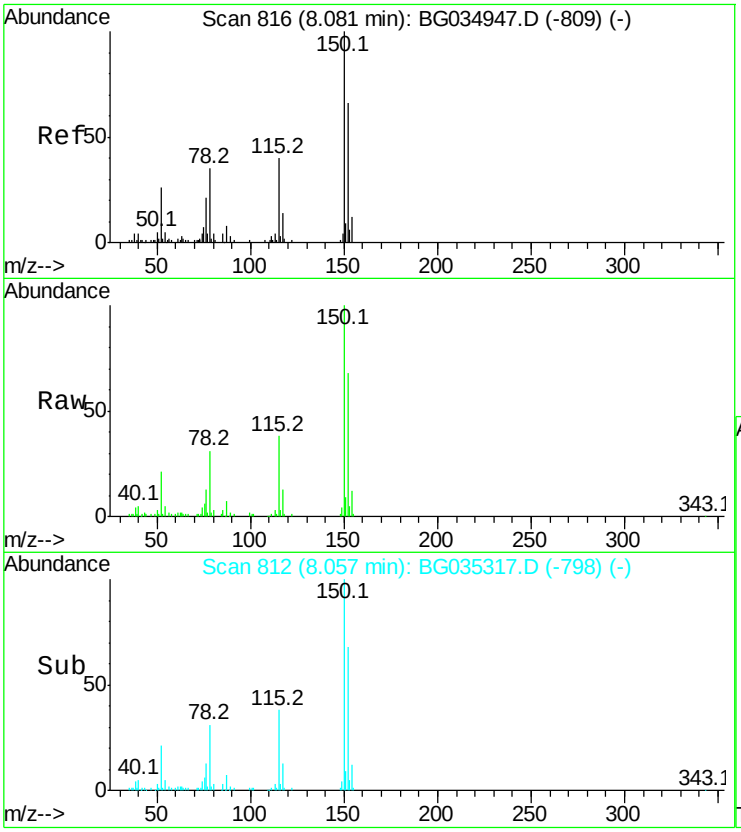


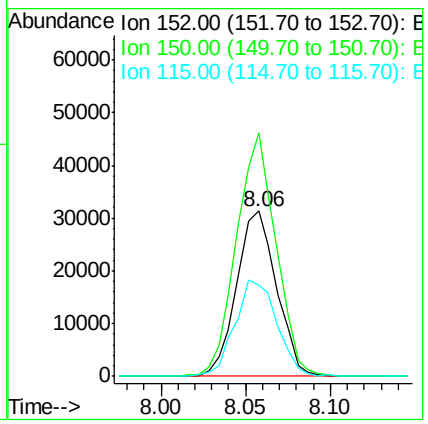


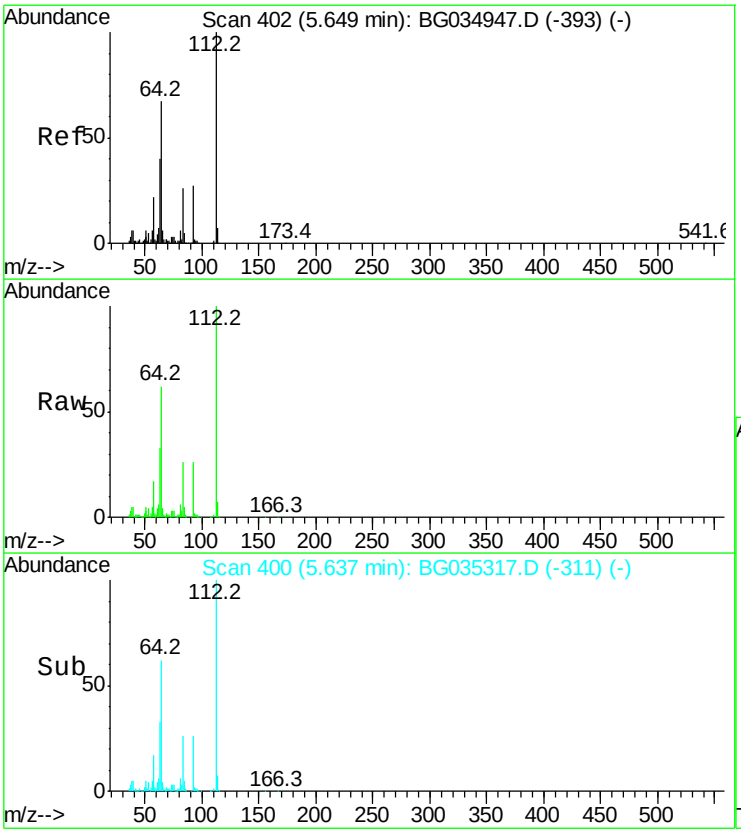
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.02 min
Lab File: BG035317.D
Acq: 22 Jun 2018 3:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 51511

Ion	Ratio	Lower	Upper
152	100		
150	147.5	126.6	189.8
115	55.7	53.0	79.4

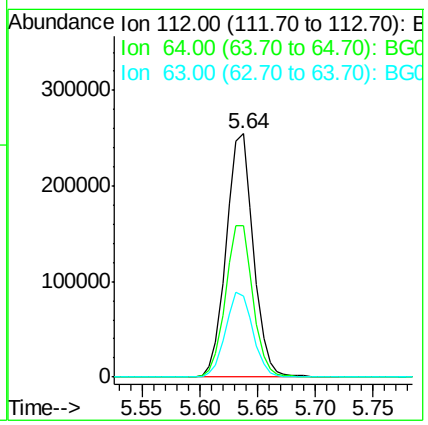


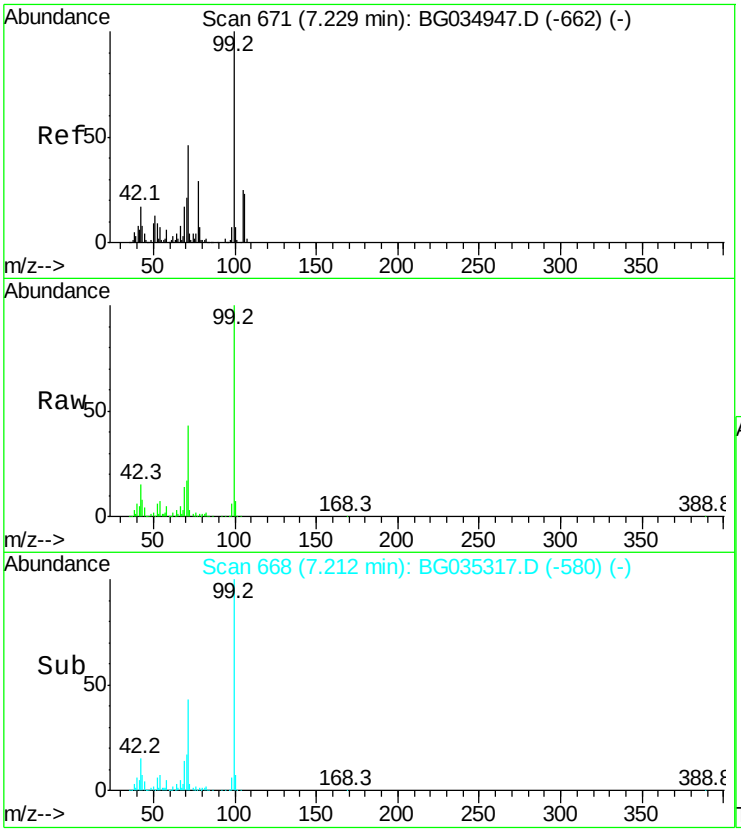


#5
2-Fluorophenol
Concen: 135.805 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG035317.D
Acq: 22 Jun 2018 3:45

Tgt Ion:112 Resp: 414518

Ion	Ratio	Lower	Upper
112	100		
64	62.4	56.3	84.5
63	33.1	30.1	45.1



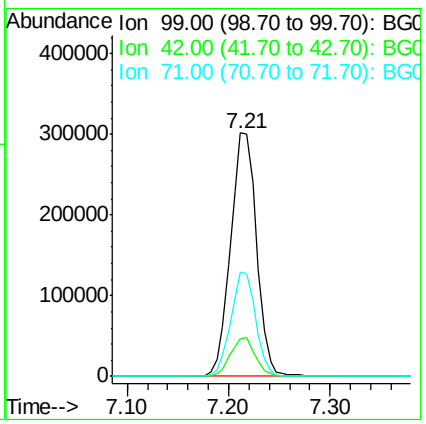


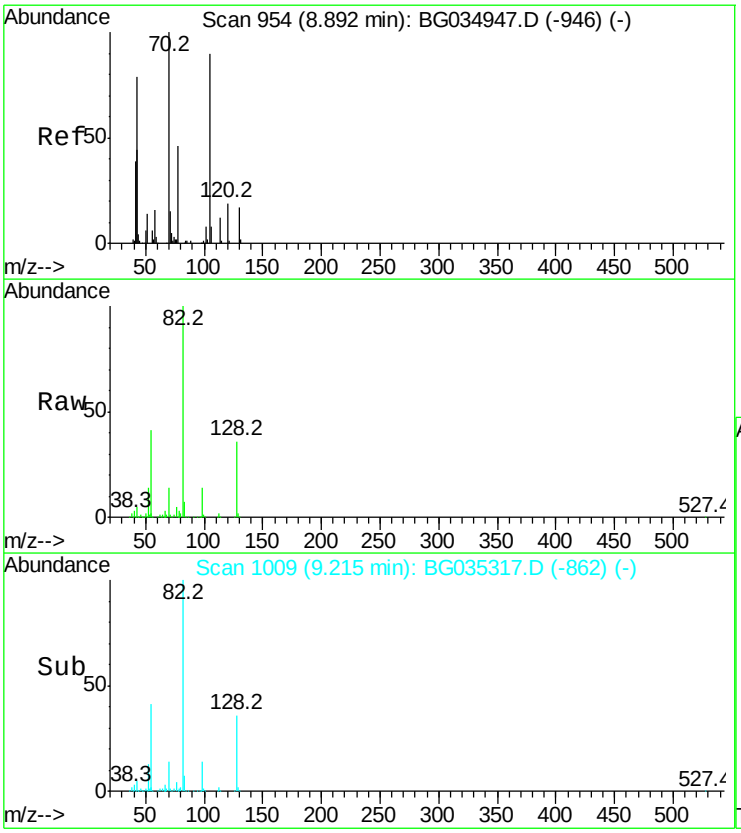
#7
Phenol-d6
Concen: 119.058 ng
RT: 7.21 min Scan# 668
Delta R.T. -0.01 min
Lab File: BG035317.D
Acq: 22 Jun 2018 3:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 536358

Ion	Ratio	Lower	Upper
99	100		
42	15.2	14.1	21.1
71	43.0	26.1	39.1#

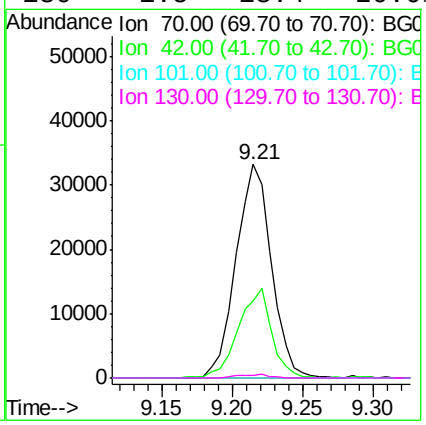


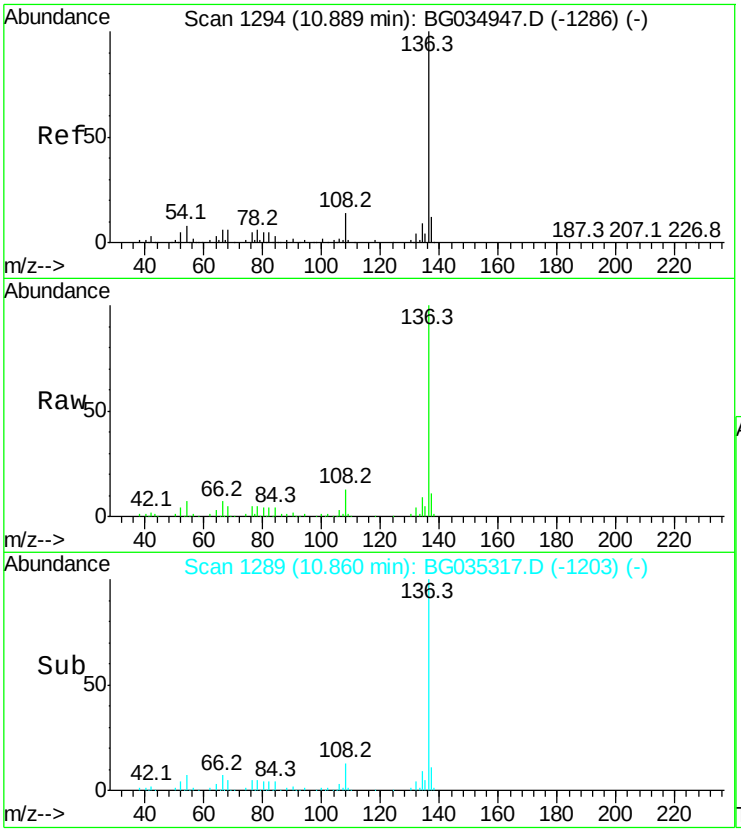


#19
n-Nitroso-di-n-propylamine
Concen: 15.212 ng
RT: 9.21 min Scan# 1009
Delta R.T. 0.33 min
Lab File: BG035317.D
Acq: 22 Jun 2018 3:45

Tgt Ion: 70 Resp: 58221

Ion	Ratio	Lower	Upper
70	100		
42	35.7	49.1	73.7#
101	0.0	8.5	12.7#
130	1.5	13.4	20.0#



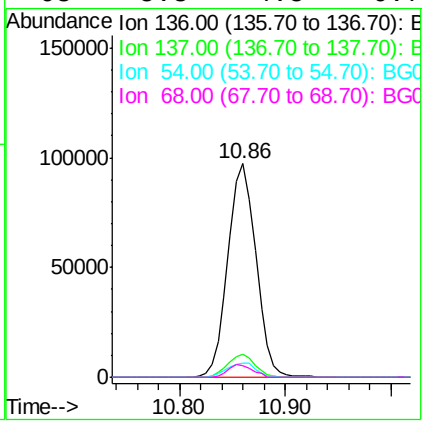


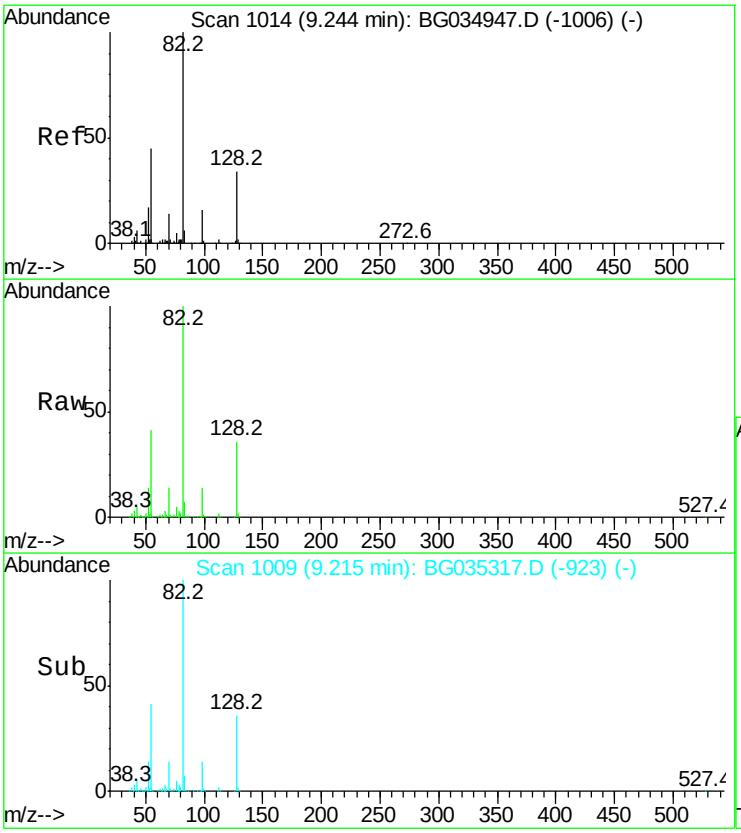
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BG035317.D
Acq: 22 Jun 2018 3:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 178750

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	6.8	10.3	15.5#
68	5.3	4.5	6.7

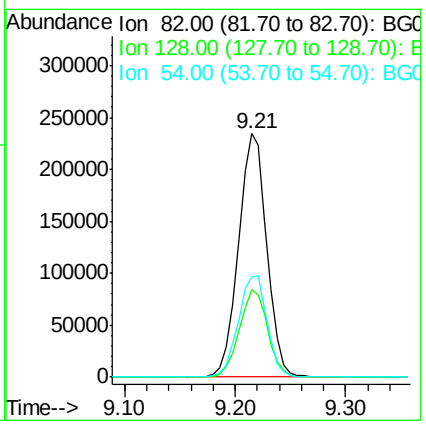


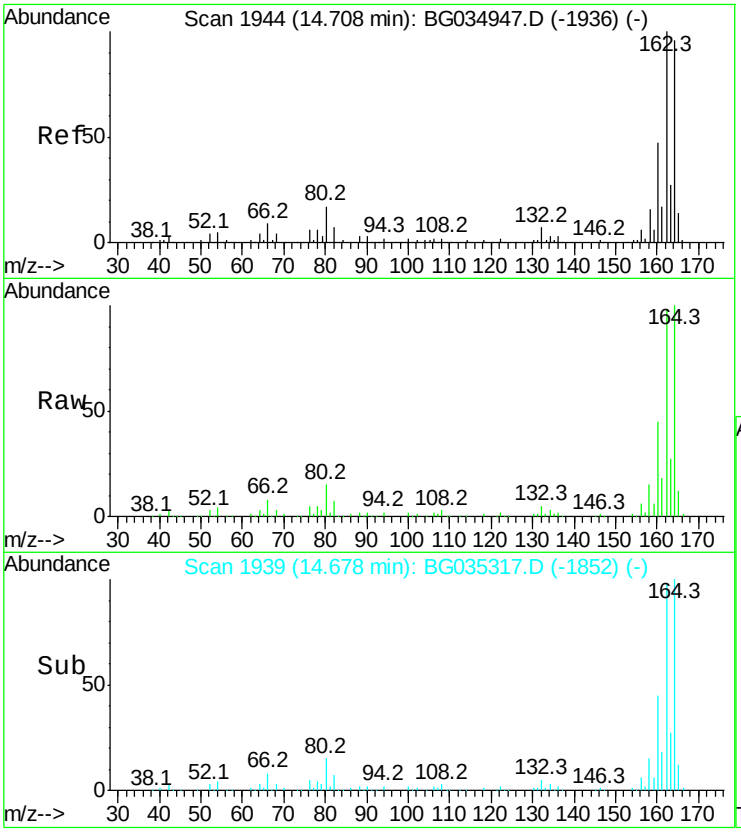


#23
Nitrobenzene-d5
Concen: 111.985 ng
RT: 9.21 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BG035317.D
Acq: 22 Jun 2018 3:45

Tgt Ion: 82 Resp: 421112

Ion	Ratio	Lower	Upper
82	100		
128	36.2	29.7	44.5
54	41.4	43.1	64.7#



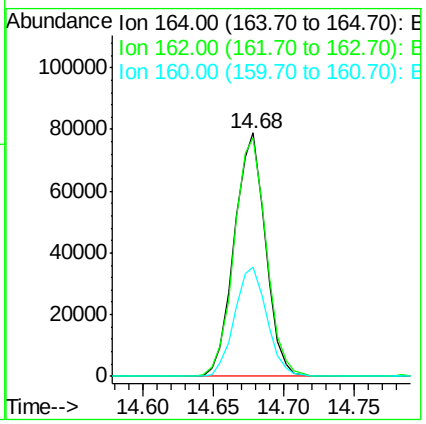


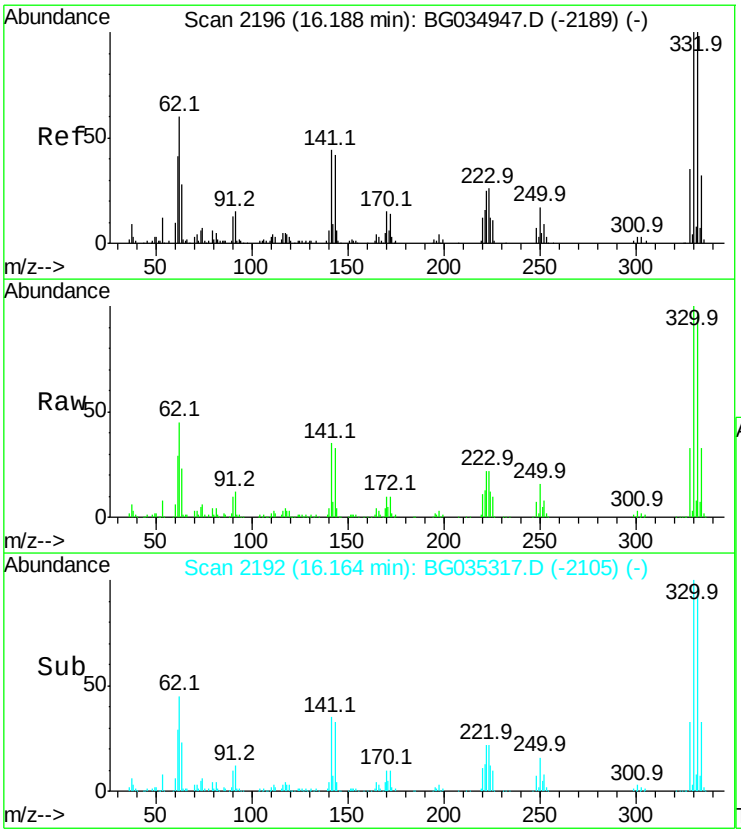
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.02 min
Lab File: BG035317.D
Acq: 22 Jun 2018 3:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 121366

Ion	Ratio	Lower	Upper
164	100		
162	97.9	78.8	118.2
160	44.9	35.4	53.0

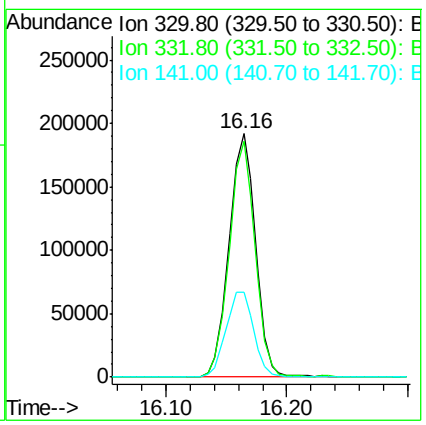


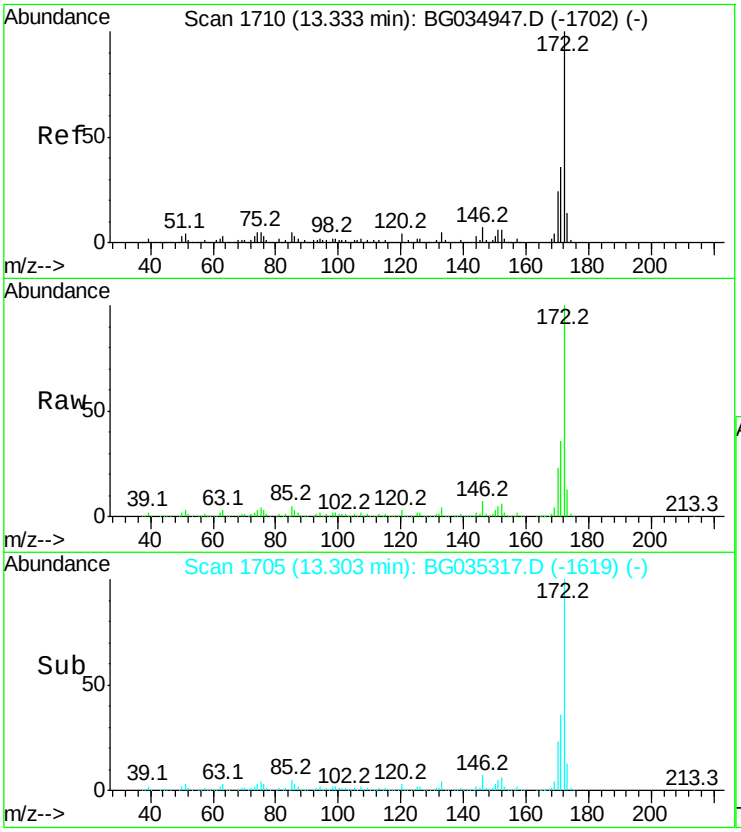


#41
2,4,6-Tribromophenol
Concen: 189.084 ng
RT: 16.16 min Scan# 2192
Delta R.T. -0.02 min
Lab File: BG035317.D
Acq: 22 Jun 2018 3:45

Tgt Ion:330 Resp: 293769

Ion	Ratio	Lower	Upper
330	100		
332	94.2	77.0	115.6
141	36.7	25.2	37.8



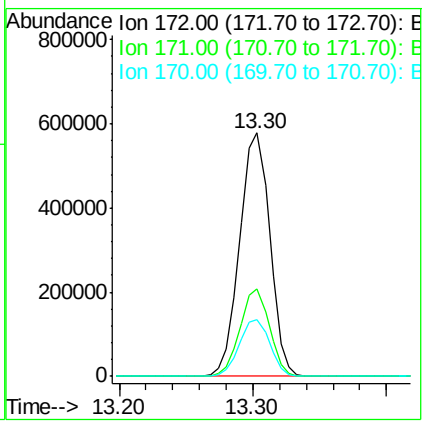


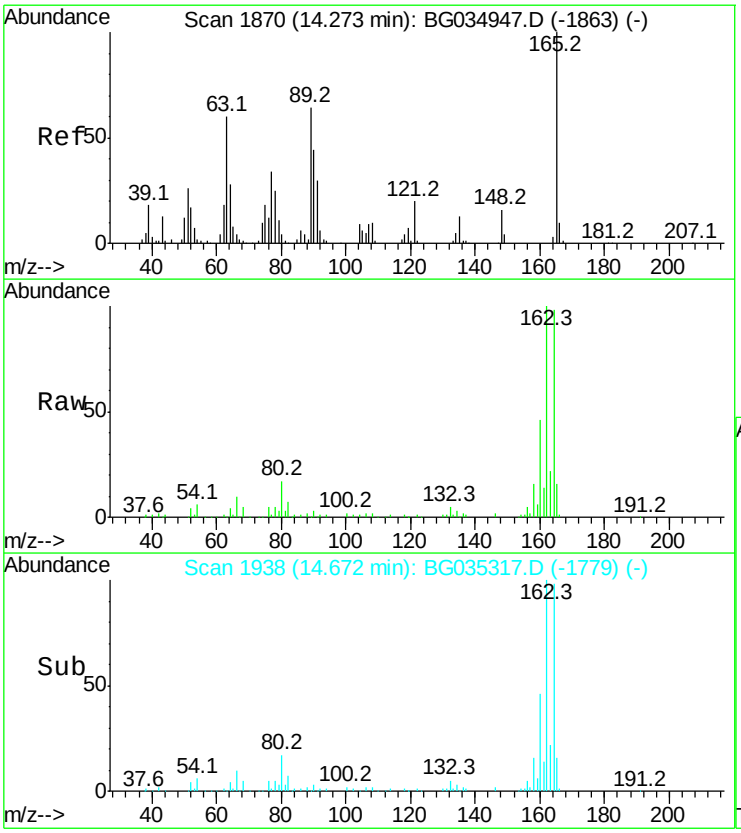
#44
2-Fluorobiphenyl
Concen: 96.696 ng
RT: 13.30 min Scan# 1705
Delta R.T. -0.02 min
Lab File: BG035317.D
Acq: 22 Jun 2018 3:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 902738

Ion	Ratio	Lower	Upper
172	100		
171	35.7	30.0	45.0
170	23.5	19.5	29.3

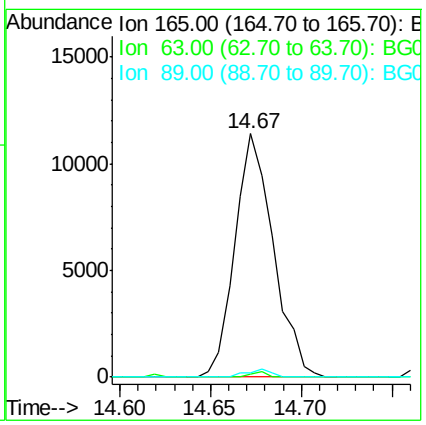


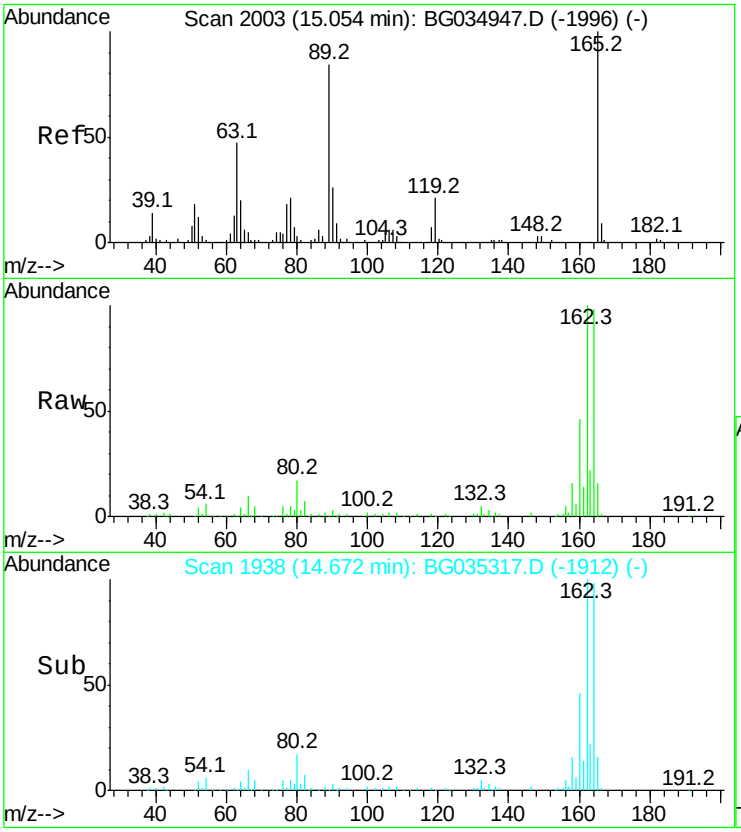


#50
2,6-Dinitrotoluene
Concen: 8.714 ng
RT: 14.67 min Scan# 1938
Delta R.T. 0.40 min
Lab File: BG035317.D
Acq: 22 Jun 2018 3:45

Tgt Ion:165 Resp: 16824

Ion	Ratio	Lower	Upper
165	100		
63	1.3	52.7	79.1#
89	1.5	49.2	73.8#



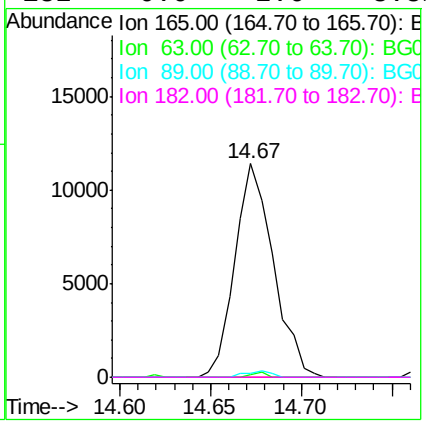


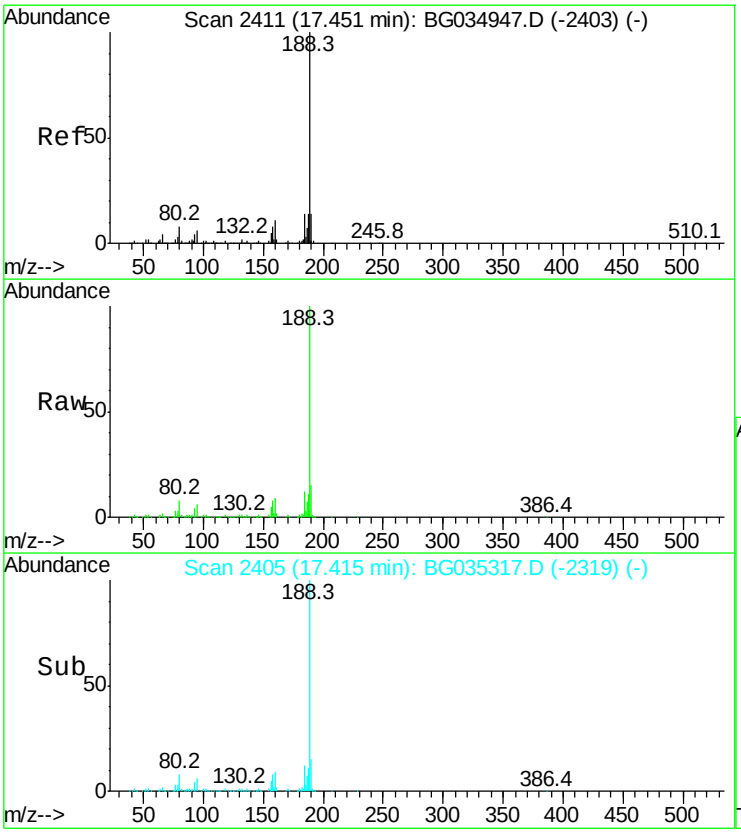
#56
2,4-Dinitrotoluene
Concen: 6.559 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.38 min
Lab File: BG035317.D
Acq: 22 Jun 2018 3:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 16824

Ion	Ratio	Lower	Upper
165	100		
63	1.3	42.0	63.0#
89	1.5	66.9	100.3#
182	0.0	2.6	3.8#

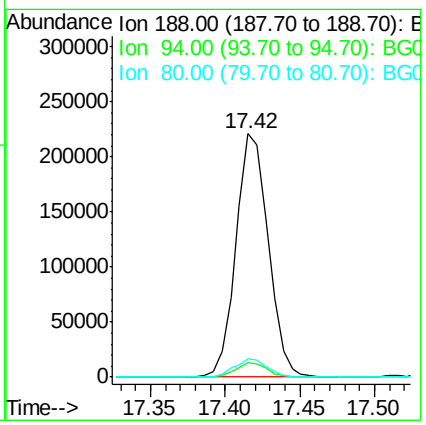


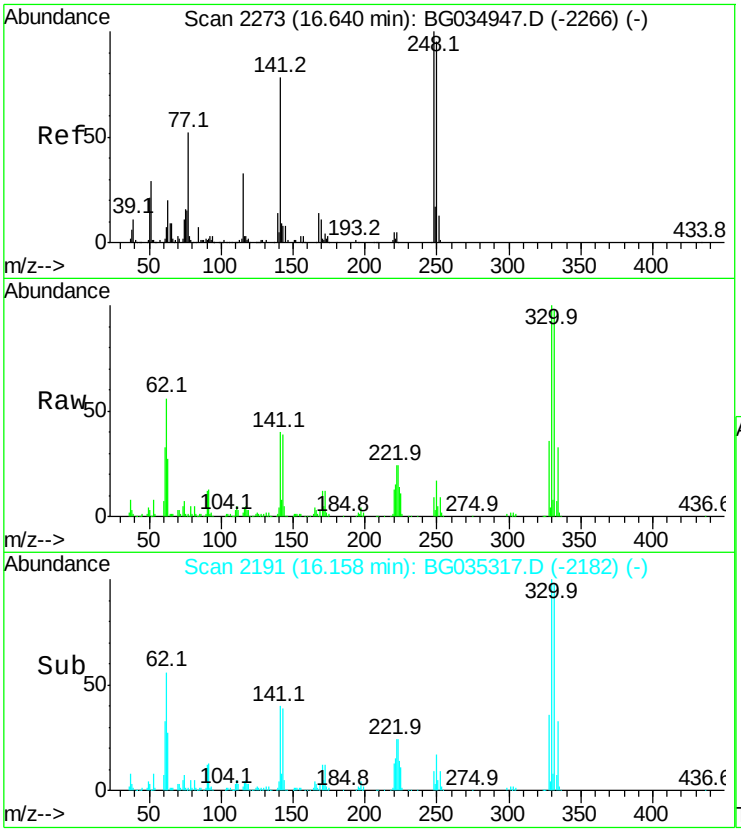


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.02 min
Lab File: BG035317.D
Acq: 22 Jun 2018 3:45

Tgt Ion:188 Resp: 331839

Ion	Ratio	Lower	Upper
188	100		
94	5.8	6.9	10.3#
80	7.5	7.7	11.5#



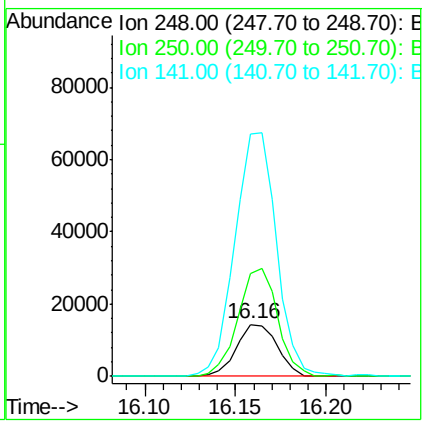


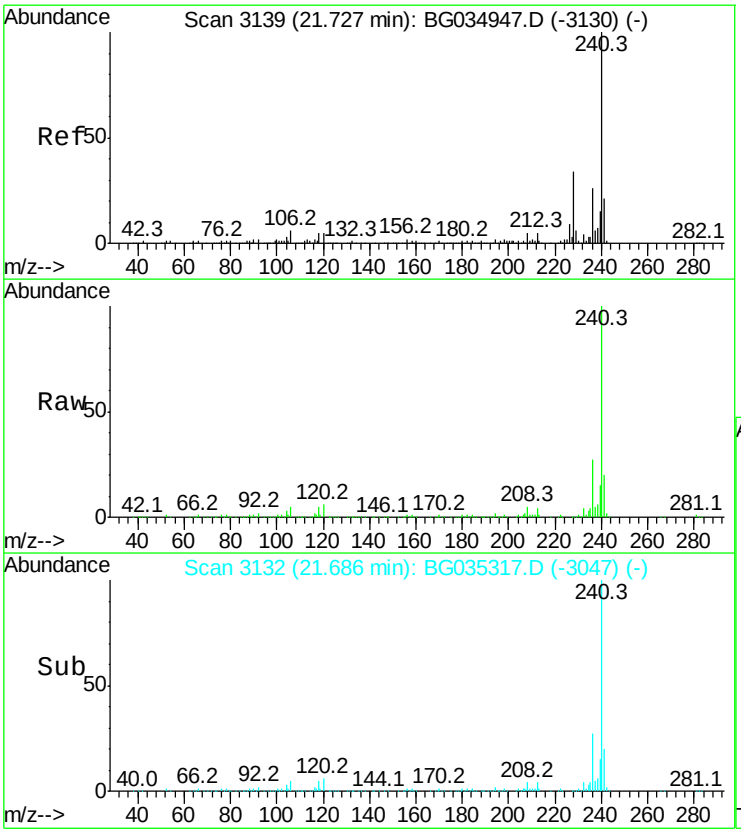
#66
4-Bromophenyl-phenylether
Concen: 5.687 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.48 min
Lab File: BG035317.D
Acq: 22 Jun 2018 3:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 22727

Ion	Ratio	Lower	Upper
248	100		
250	198.9	77.1	115.7#
141	468.0	50.8	76.2#

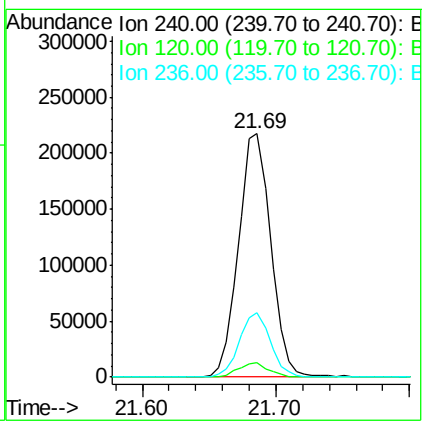


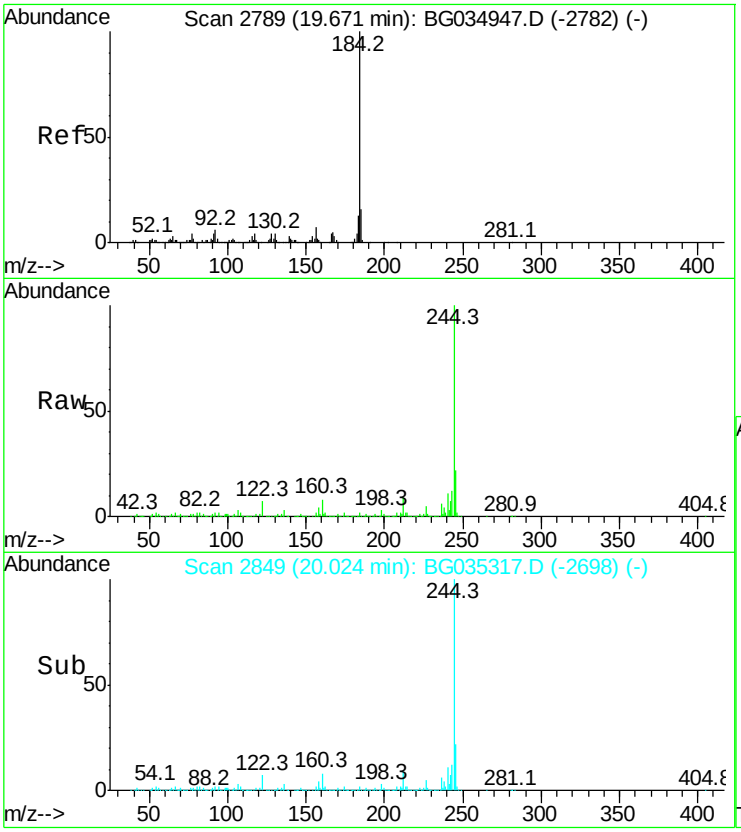


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.03 min
Lab File: BG035317.D
Acq: 22 Jun 2018 3:45

Tgt Ion:240 Resp: 362742

Ion	Ratio	Lower	Upper
240	100		
120	5.8	6.8	10.2#
236	26.7	20.9	31.3



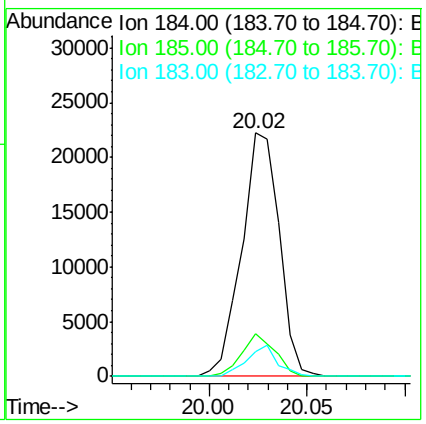


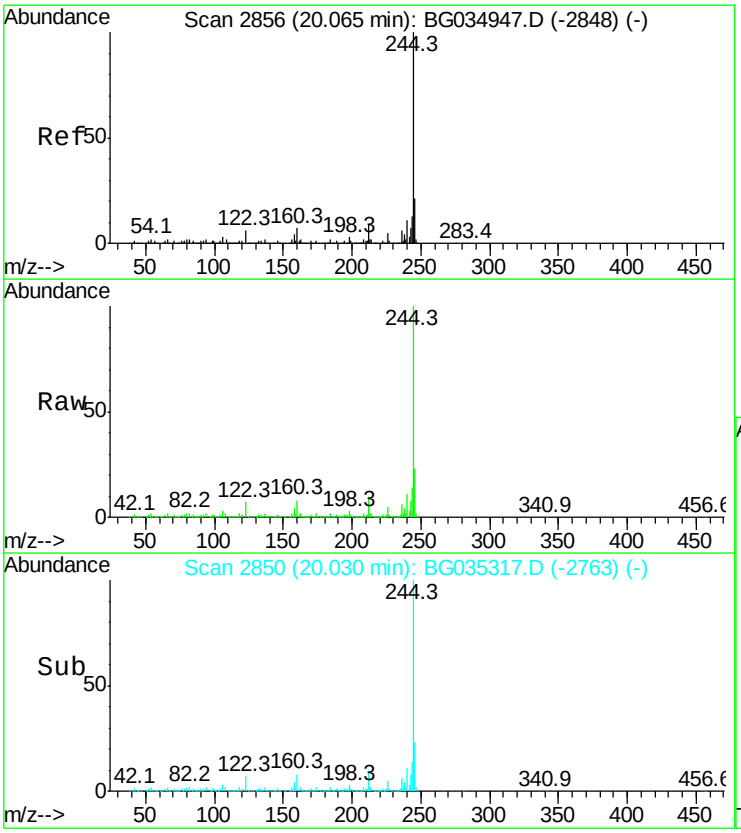
#76
Benzidine
Concen: 2.201 ng
RT: 20.02 min Scan# 2849
Delta R.T. 0.36 min
Lab File: BG035317.D
Acq: 22 Jun 2018 3:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 29698

Ion	Ratio	Lower	Upper
184	100		
185	17.6	11.1	16.7#
183	10.4	10.6	16.0#

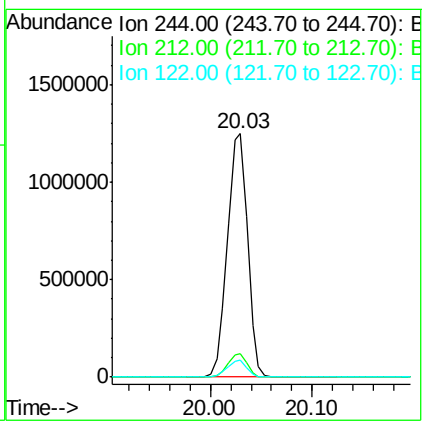


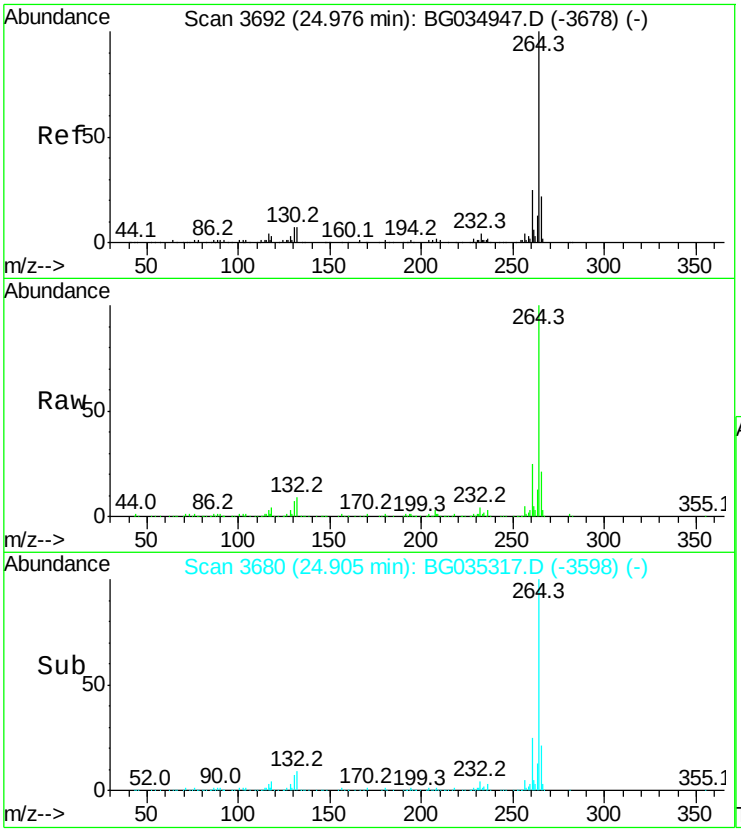


#78
Terphenyl-d14
Concen: 99.798 ng
RT: 20.03 min Scan# 2850
Delta R.T. -0.02 min
Lab File: BG035317.D
Acq: 22 Jun 2018 3:45

Tgt Ion:244 Resp: 1728231

Ion	Ratio	Lower	Upper
244	100		
212	9.6	5.8	8.8#
122	6.8	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.91 min Scan# 3680
Delta R.T. -0.05 min
Lab File: BG035317.D
Acq: 22 Jun 2018 3:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 346959

Ion	Ratio	Lower	Upper
264	100		
260	25.3	17.4	26.0
265	21.1	17.7	26.5