Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG061418\
Data File : BG035160.D
Acq On : 15 Jun 2018 6:10
Operator : SJ/JU
Sample : J3251-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SU-03-061118

Quant Time: Jun 15 07:25:51 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	50701	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	195424	20.00	ng	-0.01
38) Acenaphthene-d10	14.68	164	140329	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	386536	20.00	ng	-0.01
75) Chrysene-d12	21.70	240	433154	20.00	ng	-0.02
86) Perylene-d12	24.92	264	361091	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	434812	144.73	ng	0.00
7) Phenol-d6	7.22	99	599548	135.21	ng	0.00
23) Nitrobenzene-d5	9.23	82	473166	115.09	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	314140	174.87	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	1047829	97.07	ng	-0.02
78) Terphenyl-d14	20.04	244	2074912	100.34	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.23	70	63875	16.956	ng	# 69
50) 2,6-Dinitrotoluene	14.68	165	19968	8.944	ng	# 19
56) 2,4-Dinitrotoluene	14.68	165	19968	6.733	ng	# 17
66) 4-Bromophenyl-phenylether	16.17	248	24244	5.208	ng	# 1
76) Benzidine	20.04	184	35915	2.229	ng	98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG061418\
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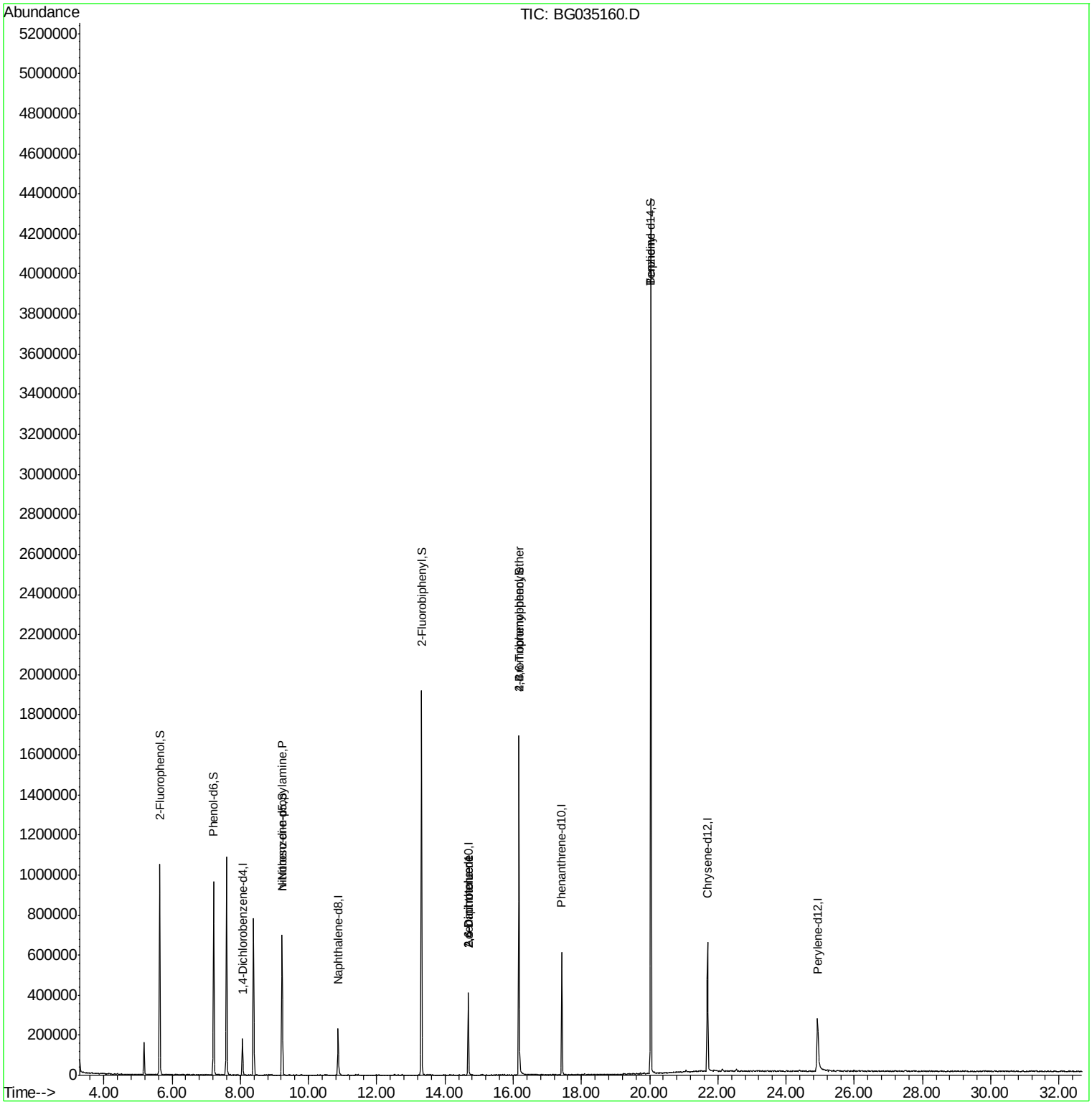
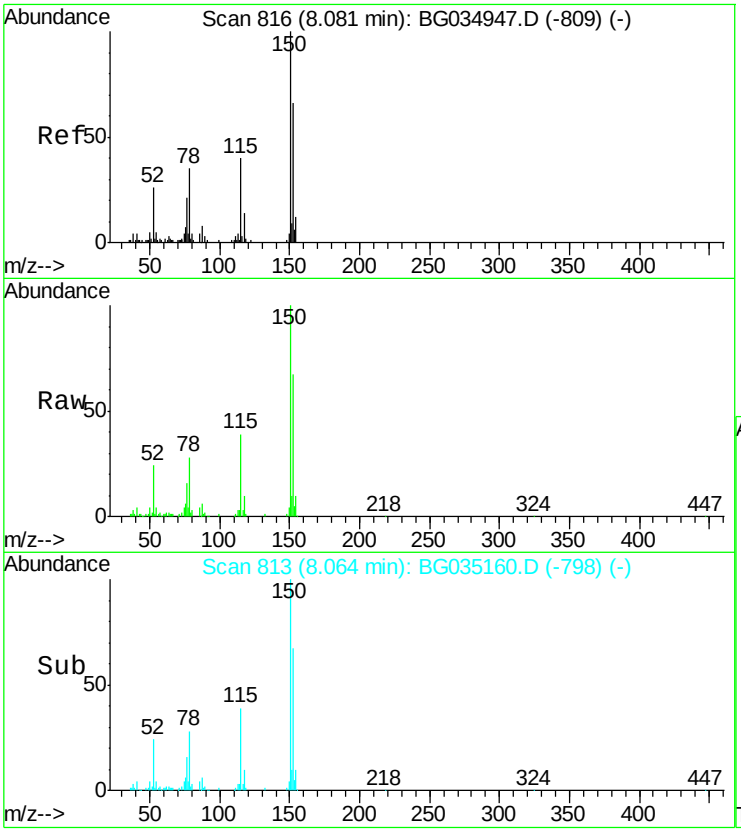
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 08 17:16:28 2018
Response via : Initial Calibration



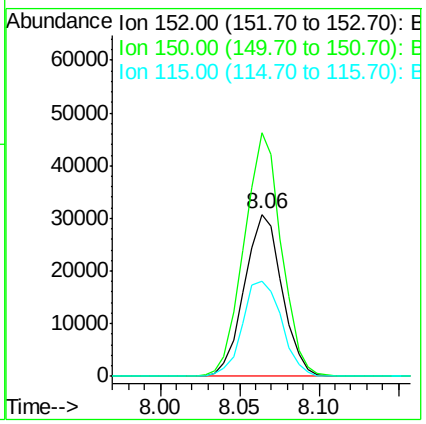


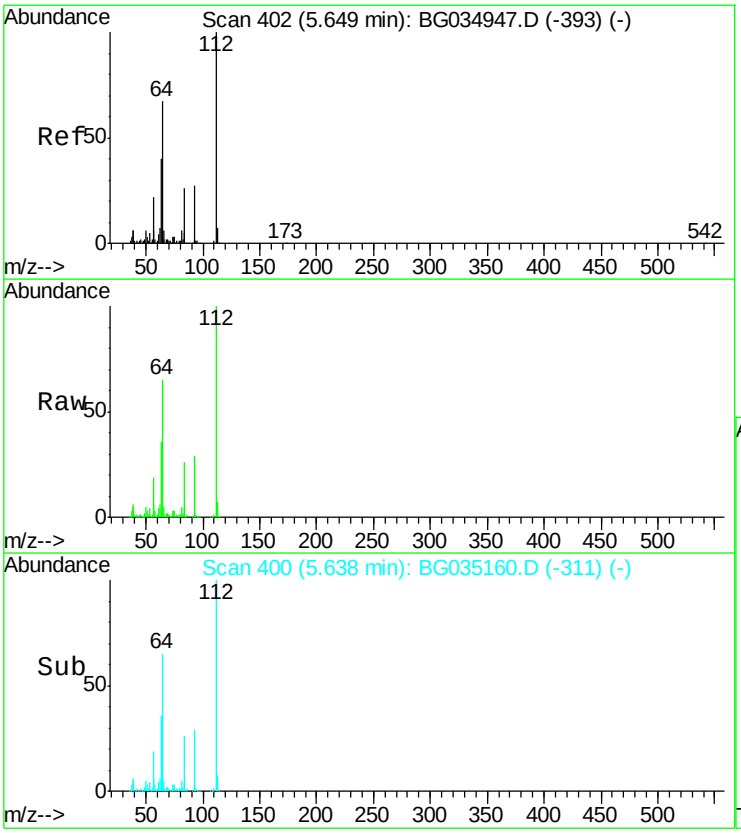
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035160.D
Acq: 15 Jun 2018 6:10

Instrument :
BNA_G
ClientSampleId :
SU-03-061118

Tgt Ion:152 Resp: 50701

Ion	Ratio	Lower	Upper
152	100		
150	150.1	126.6	189.8
115	58.6	53.0	79.4

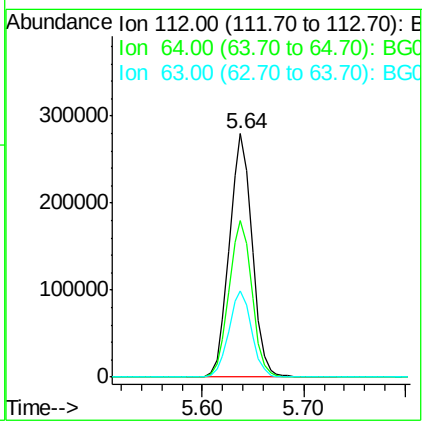


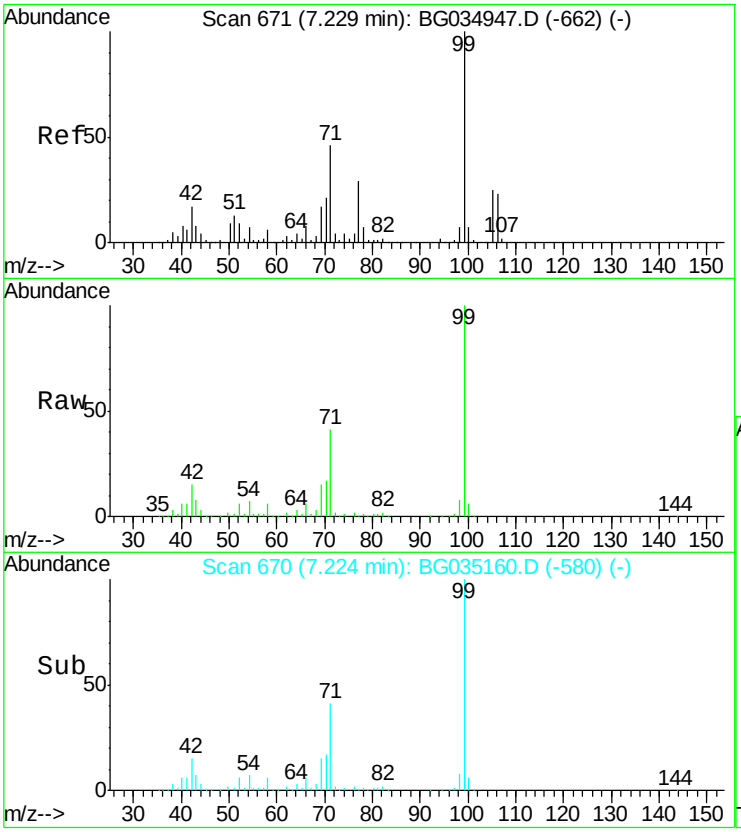


#5
2-Fluorophenol
Concen: 144.729 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG035160.D
Acq: 15 Jun 2018 6:10

Tgt Ion:112 Resp: 434812

Ion	Ratio	Lower	Upper
112	100		
64	64.6	56.3	84.5
63	35.5	30.1	45.1



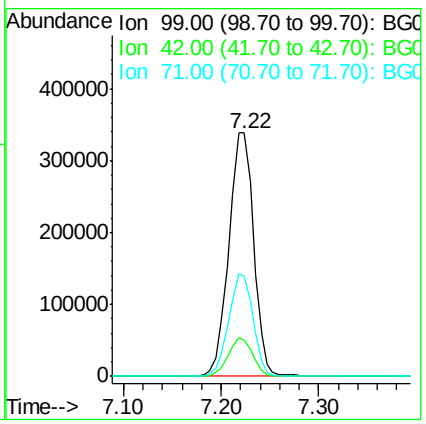


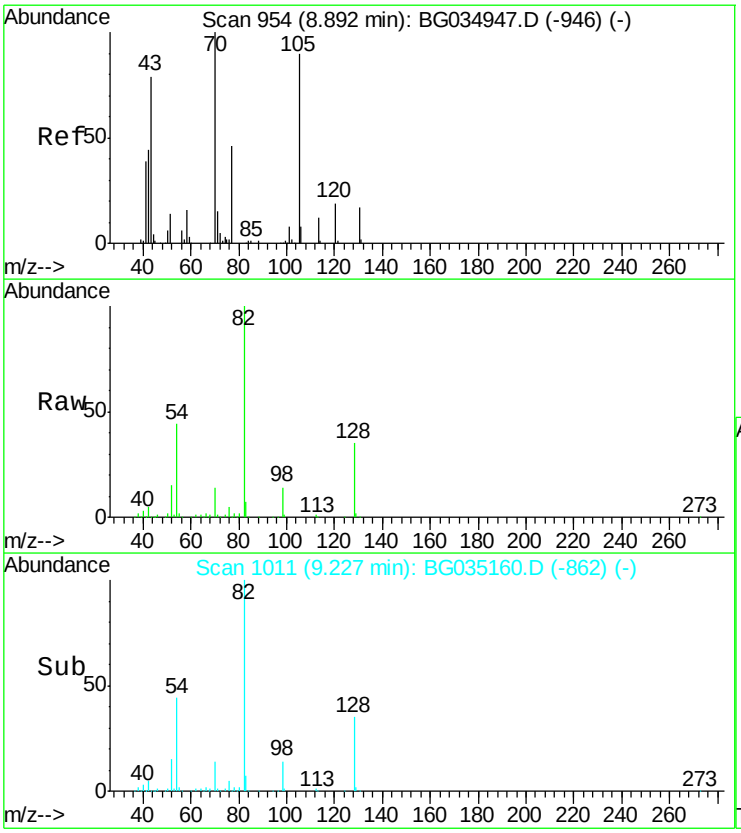
#7
Phenol-d6
Concen: 135.210 ng
RT: 7.22 min Scan# 670
Delta R.T. -0.00 min
Lab File: BG035160.D
Acq: 15 Jun 2018 6:10

Instrument :
BNA_G
ClientSampleId :
SU-03-061118

Tgt Ion: 99 Resp: 599548

Ion	Ratio	Lower	Upper
99	100		
42	15.1	14.1	21.1
71	41.2	26.1	39.1#

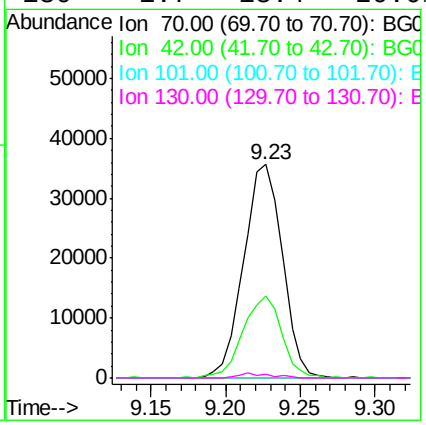


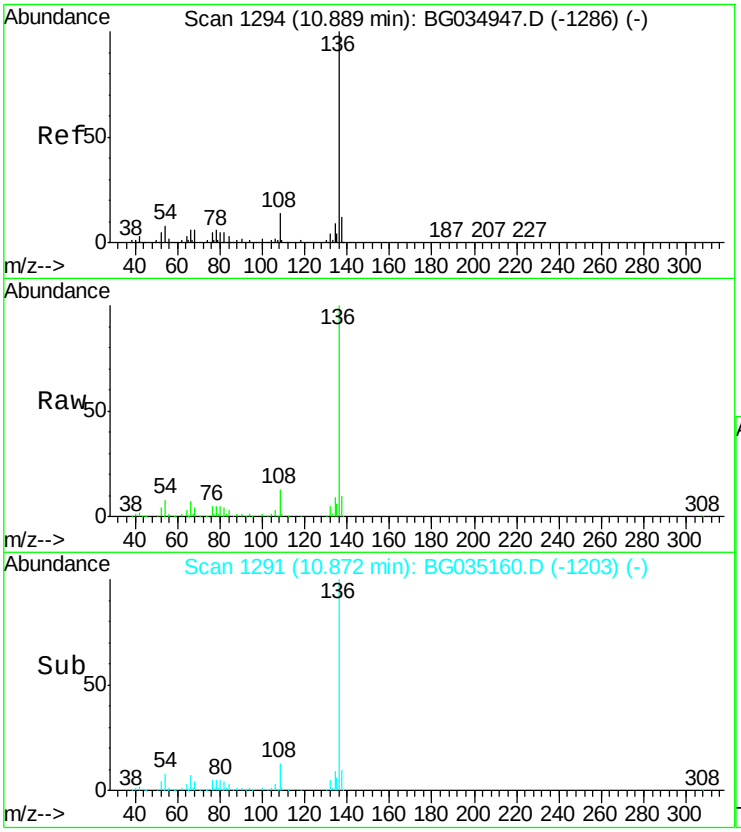


#19
n-Nitroso-di-n-propylamine
Concen: 16.956 ng
RT: 9.23 min Scan# 1011
Delta R.T. 0.35 min
Lab File: BG035160.D
Acq: 15 Jun 2018 6:10

Tgt Ion: 70 Resp: 63875

Ion	Ratio	Lower	Upper
70	100		
42	38.1	49.1	73.7#
101	0.0	8.5	12.7#
130	1.7	13.4	20.0#



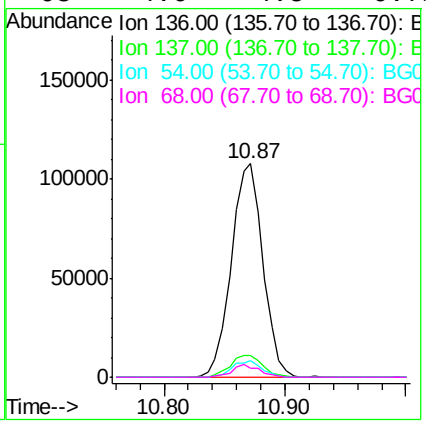


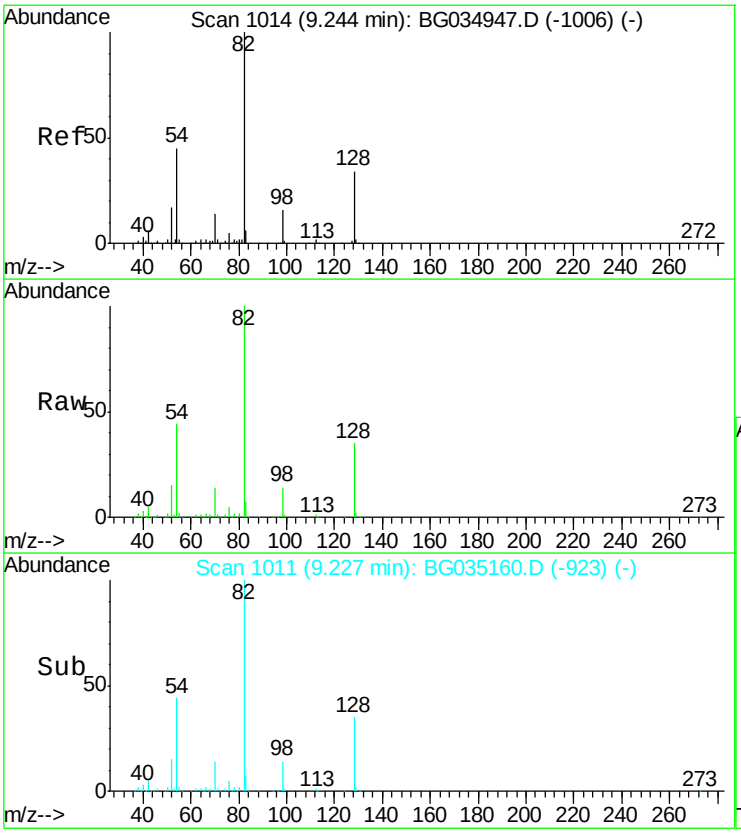
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BG035160.D
Acq: 15 Jun 2018 6:10

Instrument :
BNA_G
ClientSampleId :
SU-03-061118

Tgt Ion:136 Resp: 195424

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.2	13.8
54	7.7	10.3	15.5#
68	4.0	4.5	6.7#

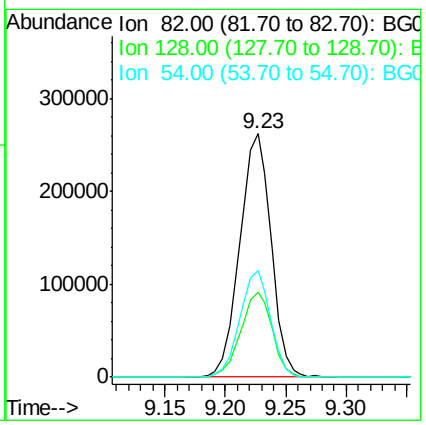


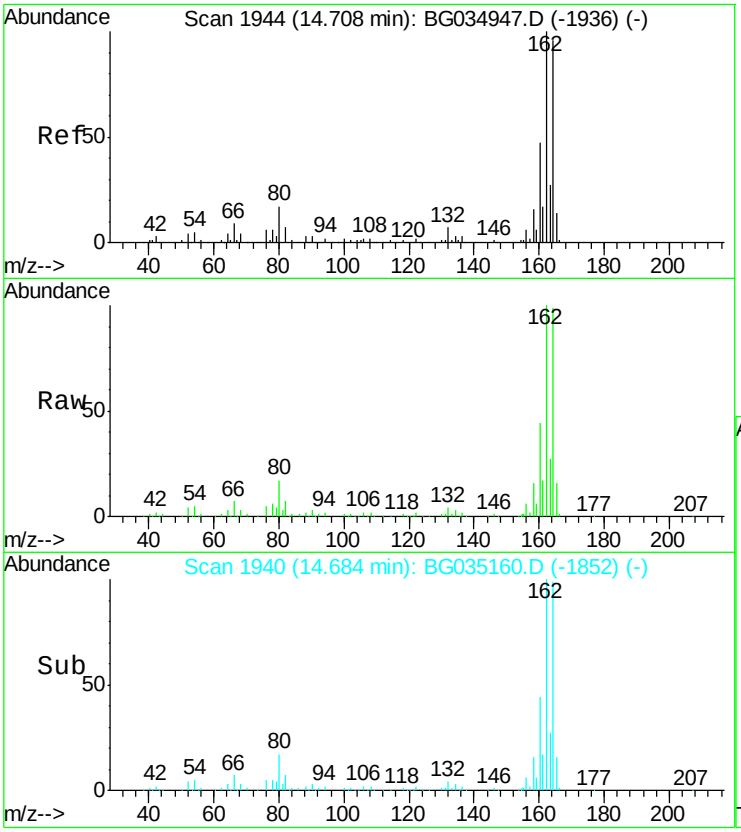


#23
Nitrobenzene-d5
Concen: 115.091 ng
RT: 9.23 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BG035160.D
Acq: 15 Jun 2018 6:10

Tgt Ion: 82 Resp: 473166

Ion	Ratio	Lower	Upper
82	100		
128	34.7	29.7	44.5
54	43.7	43.1	64.7



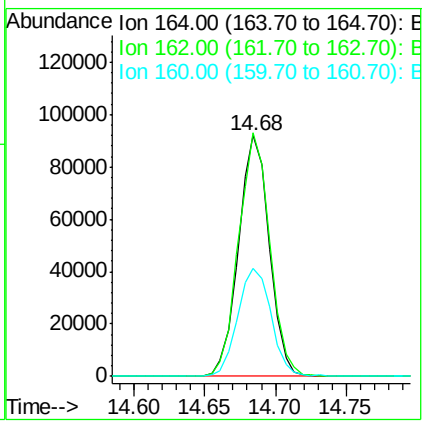


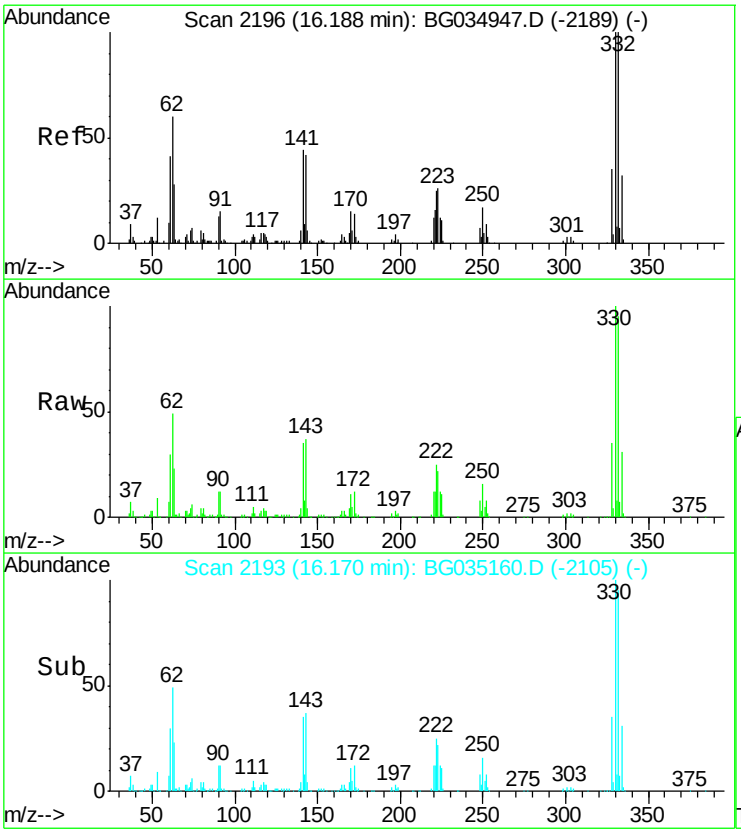
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG035160.D
Acq: 15 Jun 2018 6:10

Instrument :
BNA_G
ClientSampleId :
SU-03-061118

Tgt Ion:164 Resp: 140329

Ion	Ratio	Lower	Upper
164	100		
162	101.3	78.8	118.2
160	44.6	35.4	53.0

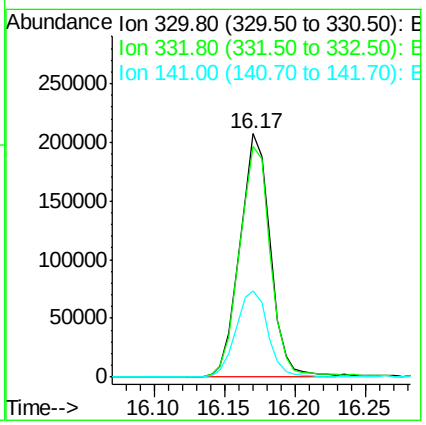


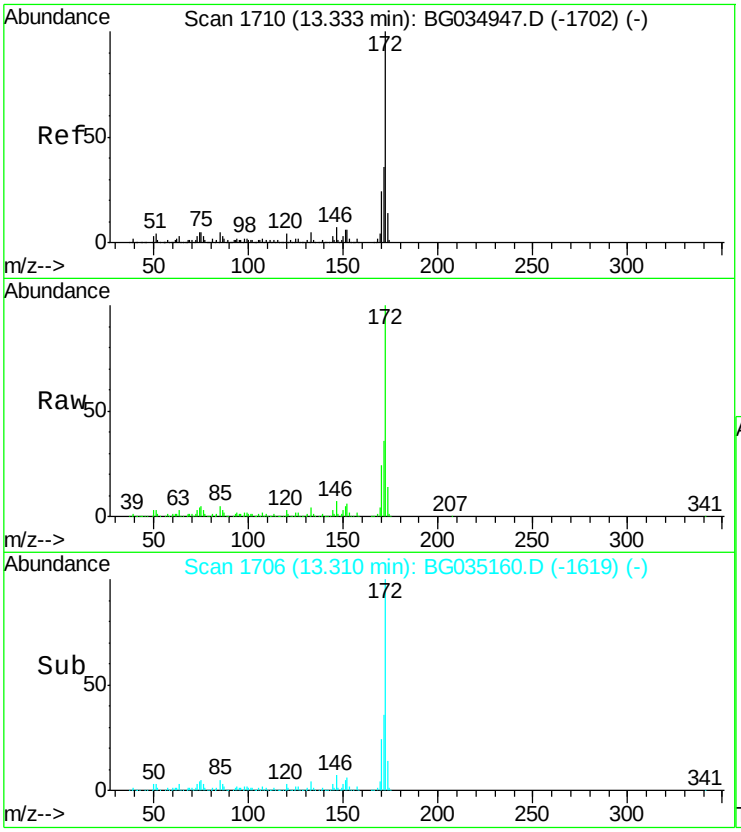


#41
2,4,6-Tribromophenol
Concen: 174.873 ng
RT: 16.17 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BG035160.D
Acq: 15 Jun 2018 6:10

Tgt Ion:330 Resp: 314140

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.0	115.6
141	37.3	25.2	37.8



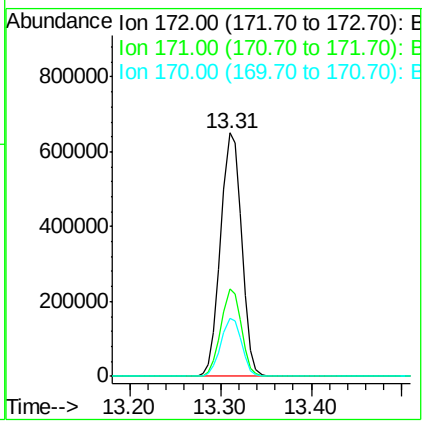


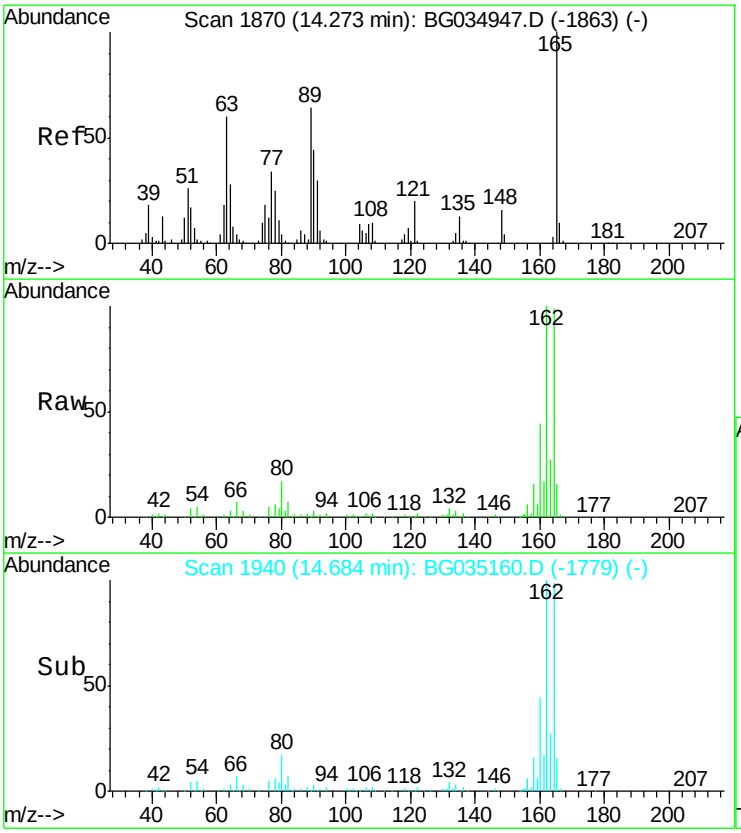
#44
2-Fluorobiphenyl
Concen: 97.070 ng
RT: 13.31 min Scan# 1706
Delta R.T. -0.02 min
Lab File: BG035160.D
Acq: 15 Jun 2018 6:10

Instrument :
BNA_G
ClientSampleId :
SU-03-061118

Tgt Ion:172 Resp: 1047829

Ion	Ratio	Lower	Upper
172	100		
171	36.0	30.0	45.0
170	23.6	19.5	29.3

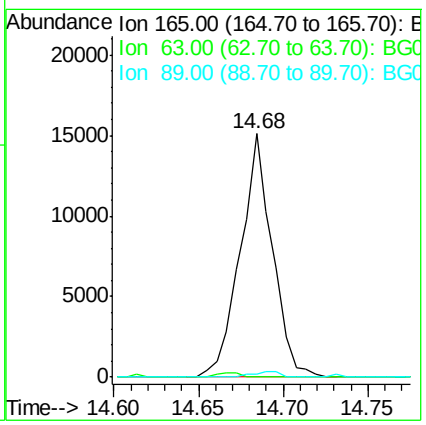


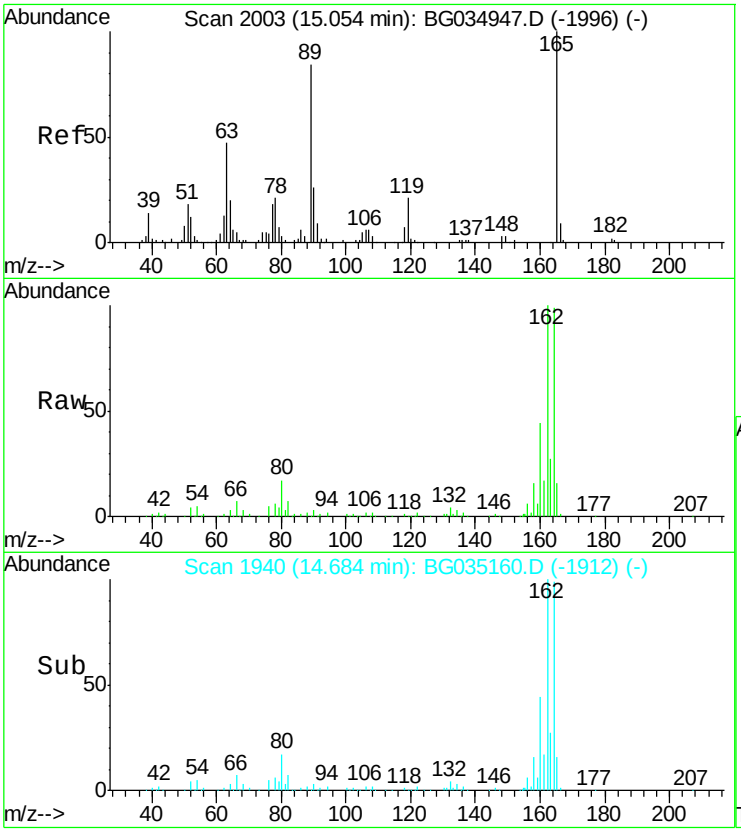


#50
2,6-Dinitrotoluene
Concen: 8.944 ng
RT: 14.68 min Scan# 1940
Delta R.T. 0.42 min
Lab File: BG035160.D
Acq: 15 Jun 2018 6:10

Tgt Ion:165 Resp: 19968

Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	1.2	49.2	73.8#



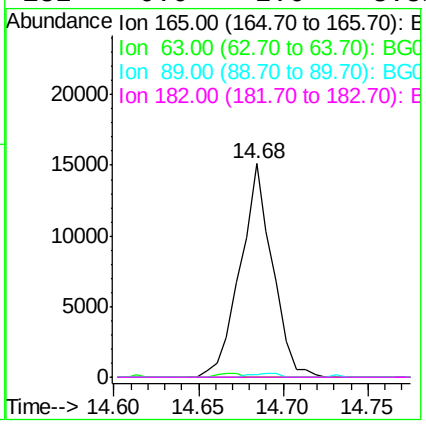


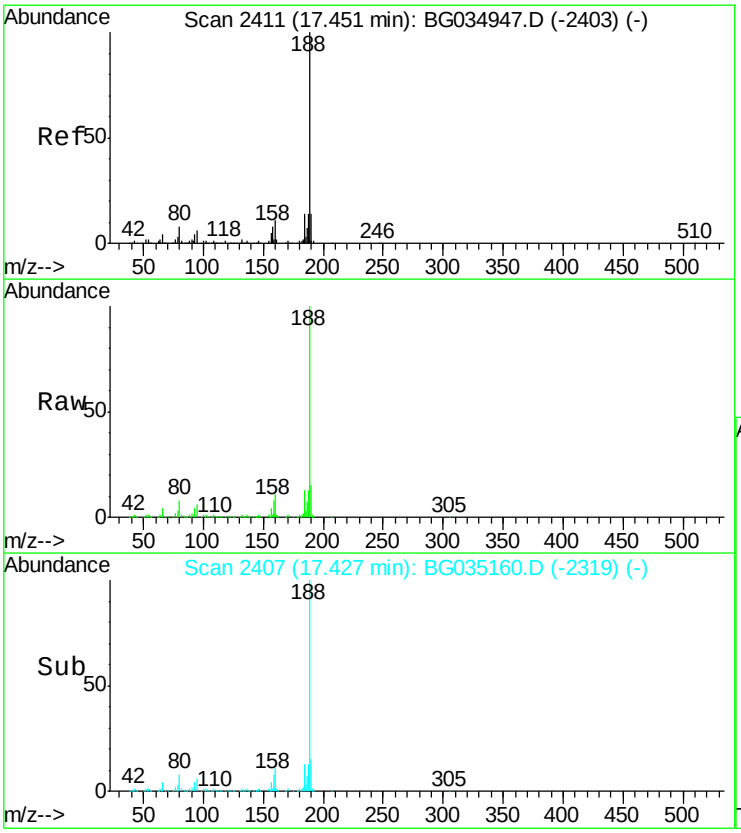
#56
2,4-Dinitrotoluene
Concen: 6.733 ng
RT: 14.68 min Scan# 1940
Delta R.T. -0.36 min
Lab File: BG035160.D
Acq: 15 Jun 2018 6:10

Instrument :
BNA_G
ClientSampleId :
SU-03-061118

Tgt Ion:165 Resp: 19968

Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	1.2	66.9	100.3#
182	0.0	2.6	3.8#

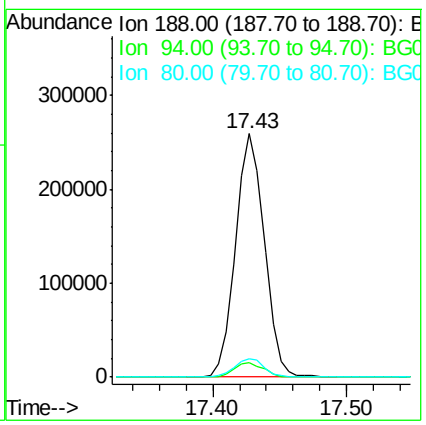


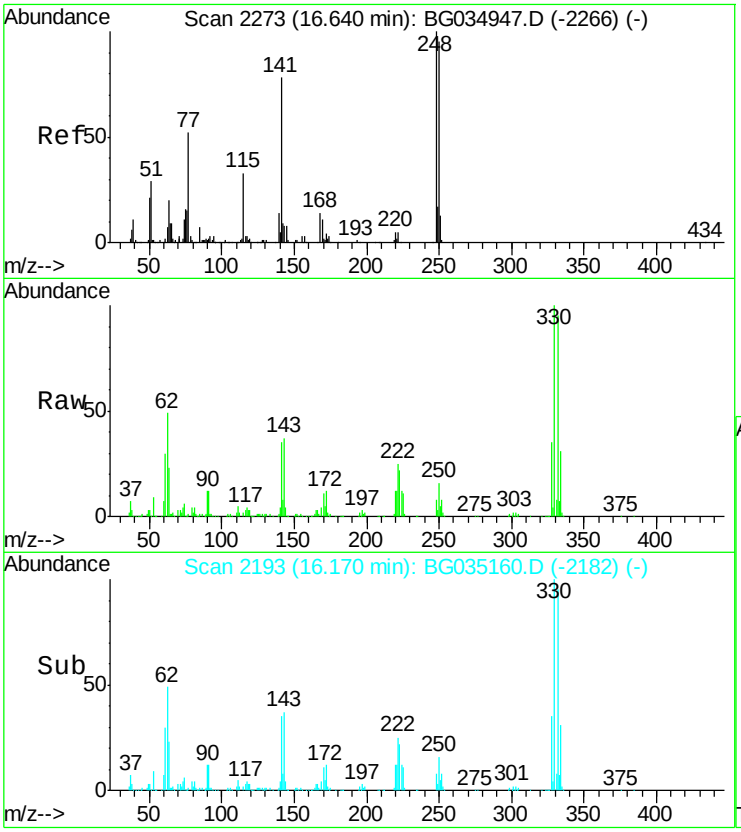


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BG035160.D
Acq: 15 Jun 2018 6:10

Tgt Ion:188 Resp: 386536

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



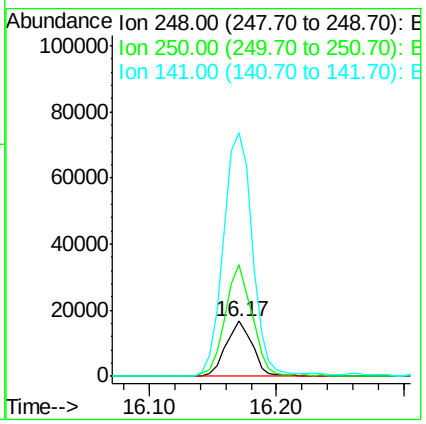


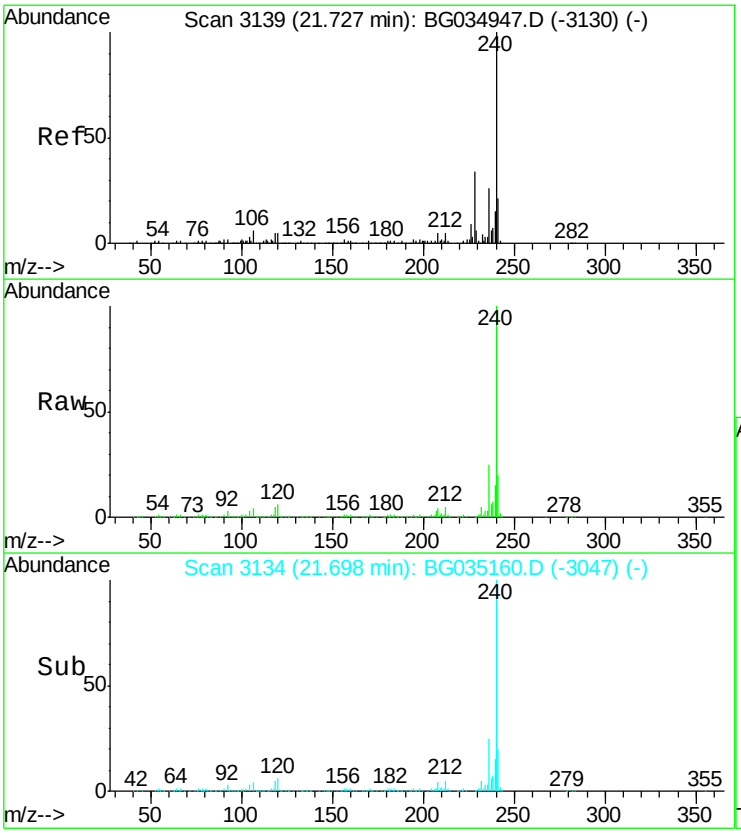
#66
4-Bromophenyl-phenylether
Concen: 5.208 ng
RT: 16.17 min Scan# 2193
Delta R.T. -0.46 min
Lab File: BG035160.D
Acq: 15 Jun 2018 6:10

Instrument :
BNA_G
ClientSampleId :
SU-03-061118

Tgt Ion:248 Resp: 24244

Ion	Ratio	Lower	Upper
248	100		
250	204.8	77.1	115.7#
141	444.1	50.8	76.2#

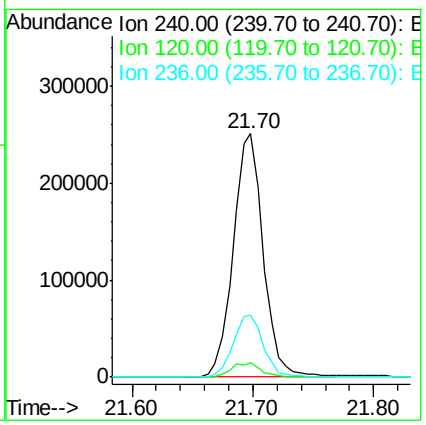


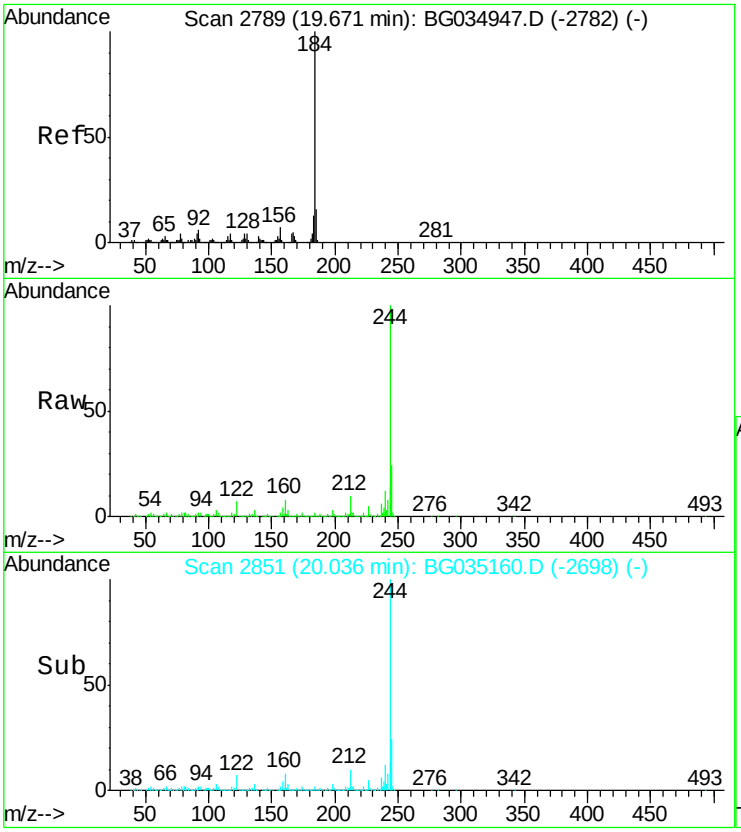


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3134
Delta R.T. -0.02 min
Lab File: BG035160.D
Acq: 15 Jun 2018 6:10

Tgt Ion:240 Resp: 433154

Ion	Ratio	Lower	Upper
240	100		
120	6.1	6.8	10.2#
236	25.5	20.9	31.3



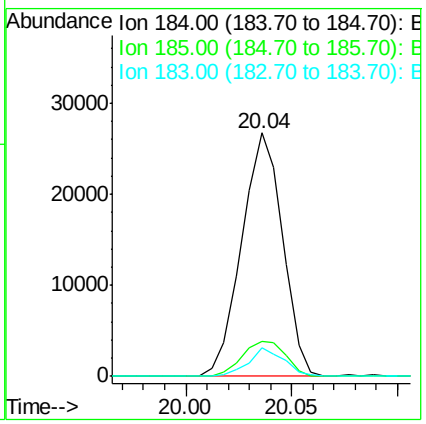


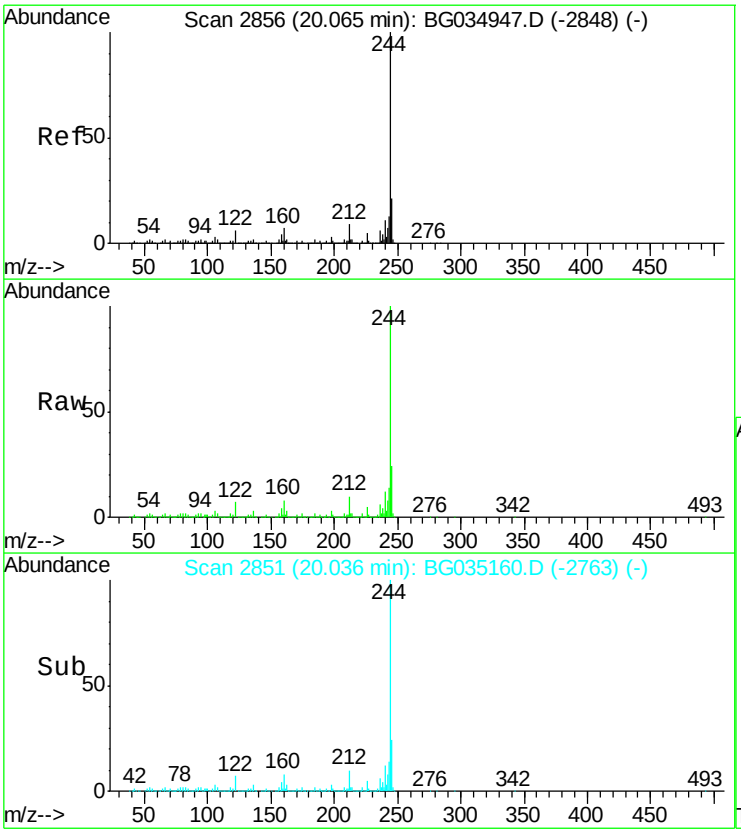
#76
Benzidine
Concen: 2.229 ng
RT: 20.04 min Scan# 2851
Delta R.T. 0.37 min
Lab File: BG035160.D
Acq: 15 Jun 2018 6:10

Instrument :
BNA_G
ClientSampleId :
SU-03-061118

Tgt Ion:184 Resp: 35915

Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.1	16.7
183	11.9	10.6	16.0

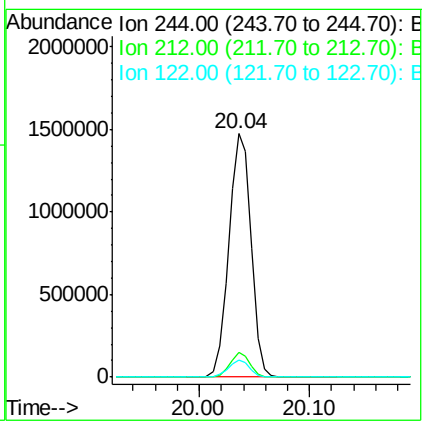


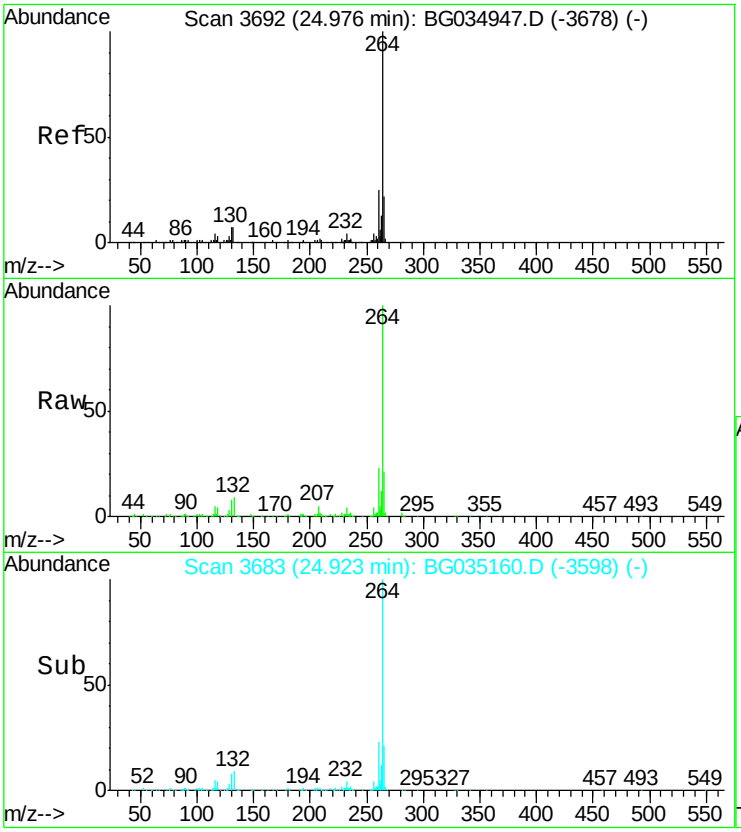


#78
Terphenyl-d14
Concen: 100.340 ng
RT: 20.04 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BG035160.D
Acq: 15 Jun 2018 6:10

Tgt Ion:244 Resp: 2074912

Ion	Ratio	Lower	Upper
244	100		
212	10.2	5.8	8.8#
122	7.0	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3683
Delta R.T. -0.03 min
Lab File: BG035160.D
Acq: 15 Jun 2018 6:10

Instrument :
BNA_G
ClientSampleId :
SU-03-061118

Tgt Ion:264 Resp: 361091

Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.4	26.0
265	20.7	17.7	26.5