Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061518\
Data File : BG035178.D
Acq On : 15 Jun 2018 19:05
Operator : SJ/JU
Sample : J3480-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jun 15 23:49:25 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	46082	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	175962	20.00	ng	-0.02
38) Acenaphthene-d10	14.69	164	132710	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	372101	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	413194	20.00	ng	-0.02
86) Perylene-d12	24.92	264	332653	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	361524	132.40	ng	0.00
7) Phenol-d6	7.22	99	486258	120.65	ng	0.00
23) Nitrobenzene-d5	9.22	82	402475	108.72	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	262859	154.73	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	931808	91.28	ng	-0.02
78) Terphenyl-d14	20.04	244	1810537	91.78	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.22	70	55541	16.221	ng	# 68
50) 2,6-Dinitrotoluene	14.69	165	17108	8.103	ng	# 20
56) 2,4-Dinitrotoluene	14.69	165	17108	6.100	ng	# 18
66) 4-Bromophenyl-phenylether	16.17	248	20537	4.583	ng	# 1
76) Benzidine	20.04	184	30878	2.009	ng	# 90

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

Quantitation Report (Not Reviewed)

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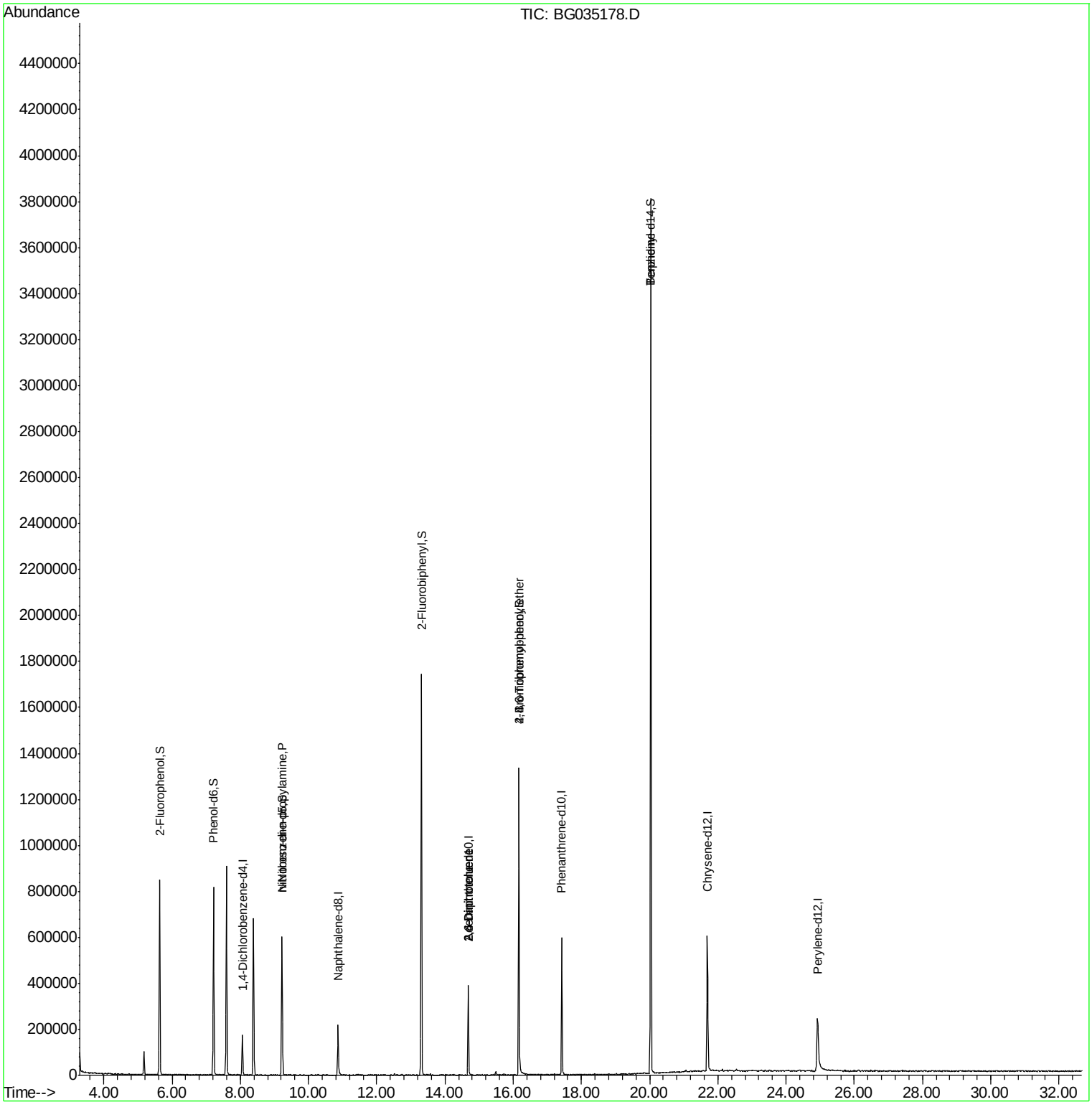
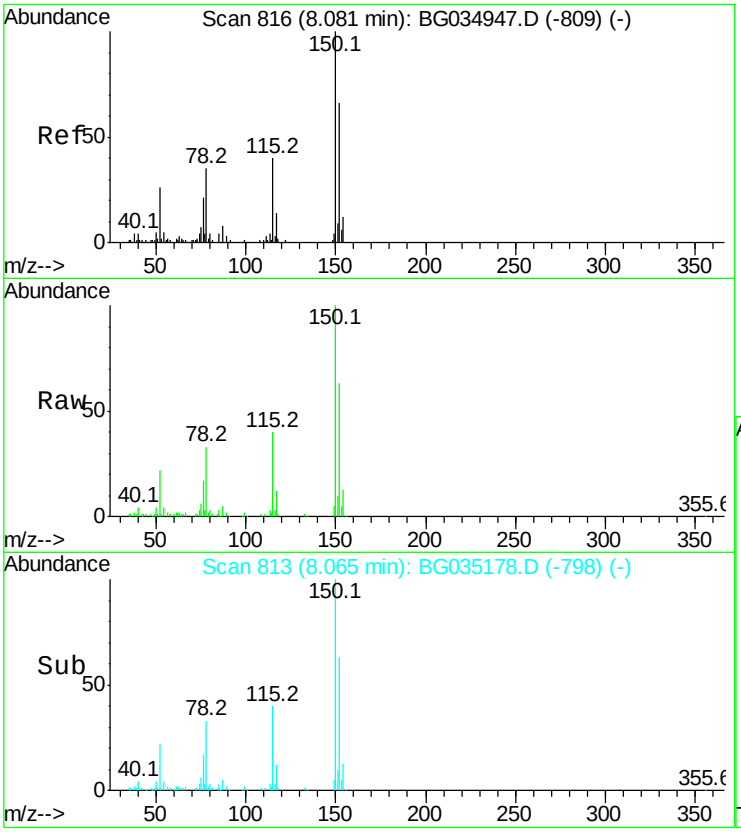


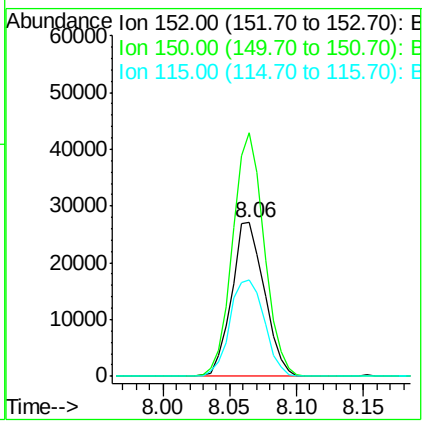


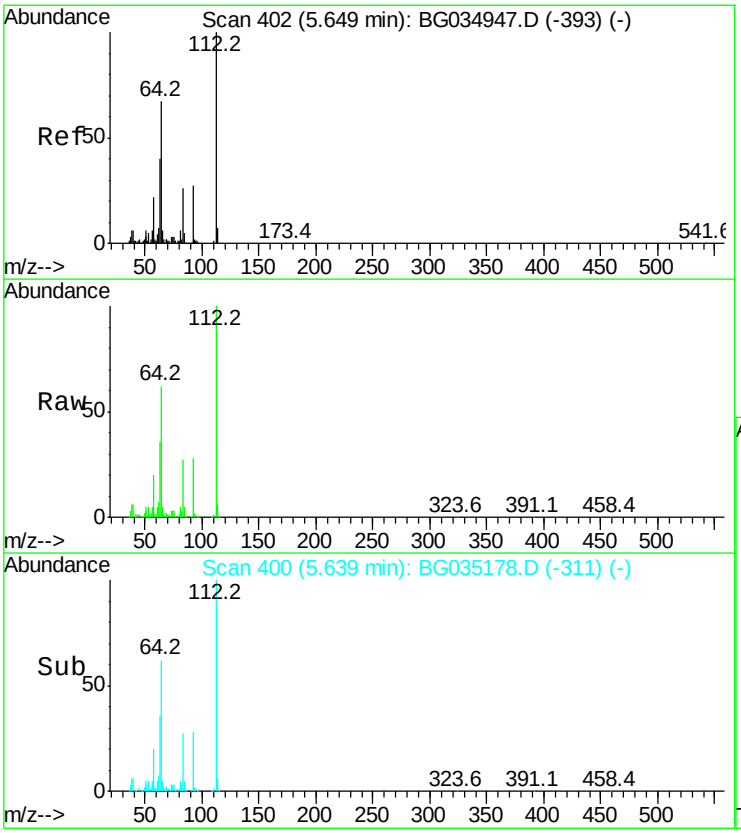
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035178.D
Acq: 15 Jun 2018 19:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 46082

Ion	Ratio	Lower	Upper
152	100		
150	158.5	126.6	189.8
115	62.7	53.0	79.4

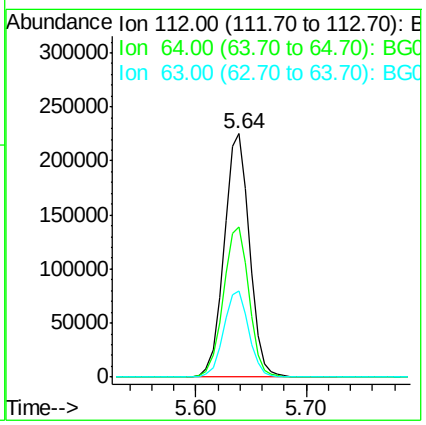


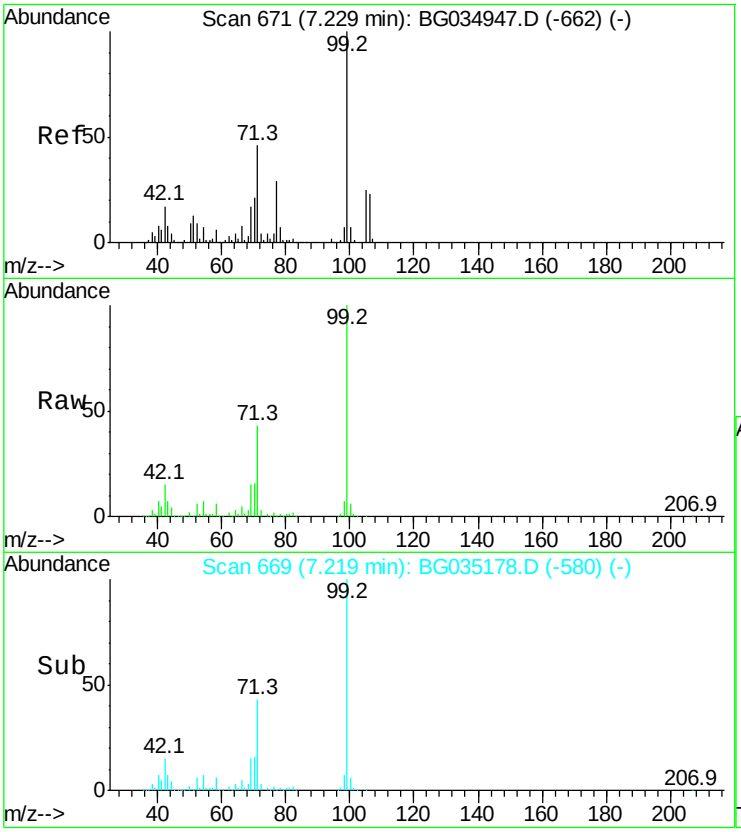


#5
2-Fluorophenol
Concen: 132.397 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG035178.D
Acq: 15 Jun 2018 19:05

Tgt Ion:112 Resp: 361524

Ion	Ratio	Lower	Upper
112	100		
64	61.7	56.3	84.5
63	35.6	30.1	45.1



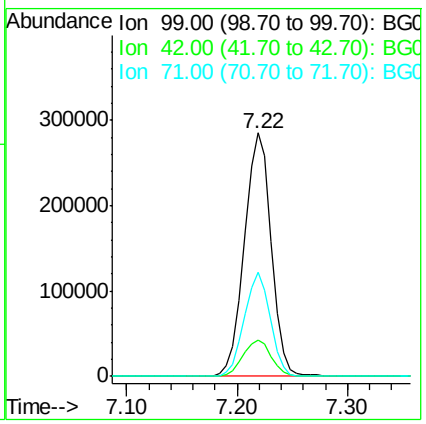


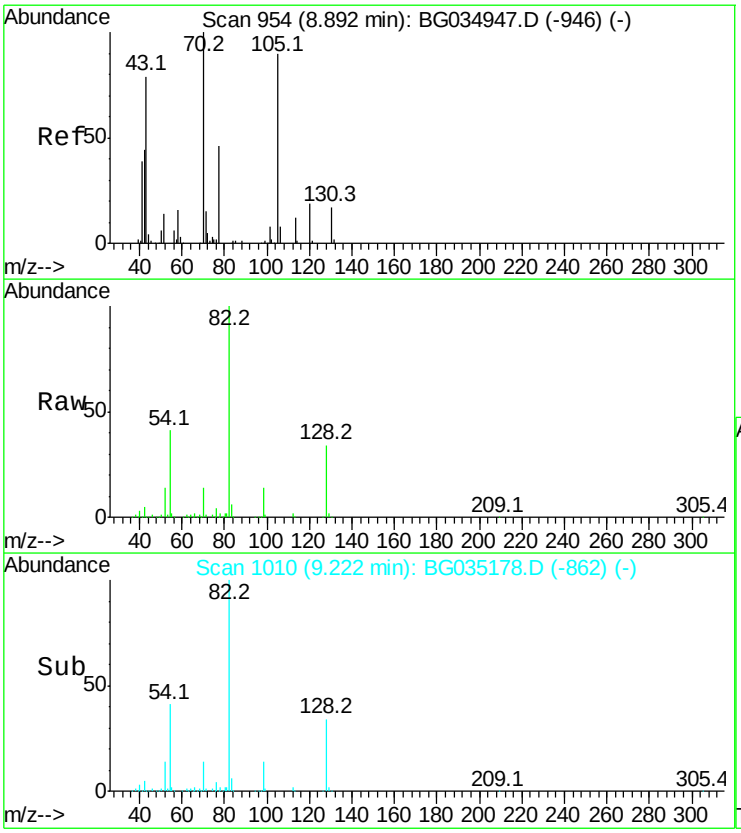
#7
Phenol-d6
Concen: 120.653 ng
RT: 7.22 min Scan# 669
Delta R.T. -0.01 min
Lab File: BG035178.D
Acq: 15 Jun 2018 19:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 486258

Ion	Ratio	Lower	Upper
99	100		
42	15.1	14.1	21.1
71	42.6	26.1	39.1#

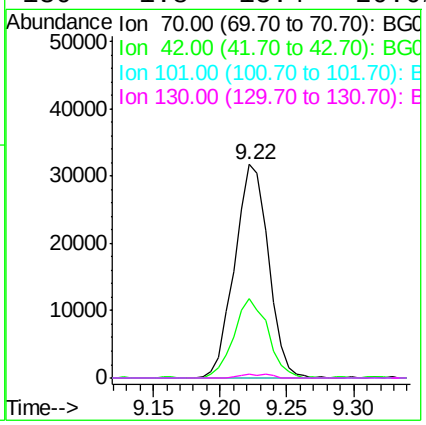


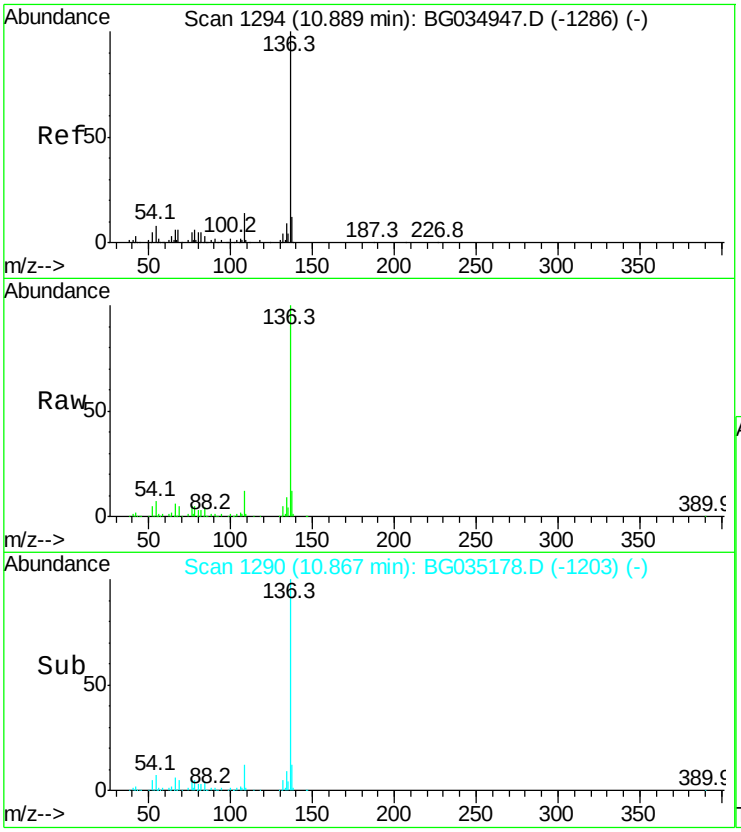


#19
n-Nitroso-di-n-propylamine
Concen: 16.221 ng
RT: 9.22 min Scan# 1010
Delta R.T. 0.34 min
Lab File: BG035178.D
Acq: 15 Jun 2018 19:05

Tgt Ion: 70 Resp: 55541

Ion	Ratio	Lower	Upper
70	100		
42	37.4	49.1	73.7#
101	0.0	8.5	12.7#
130	1.8	13.4	20.0#



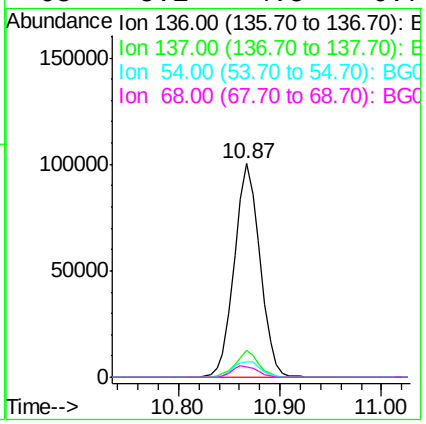


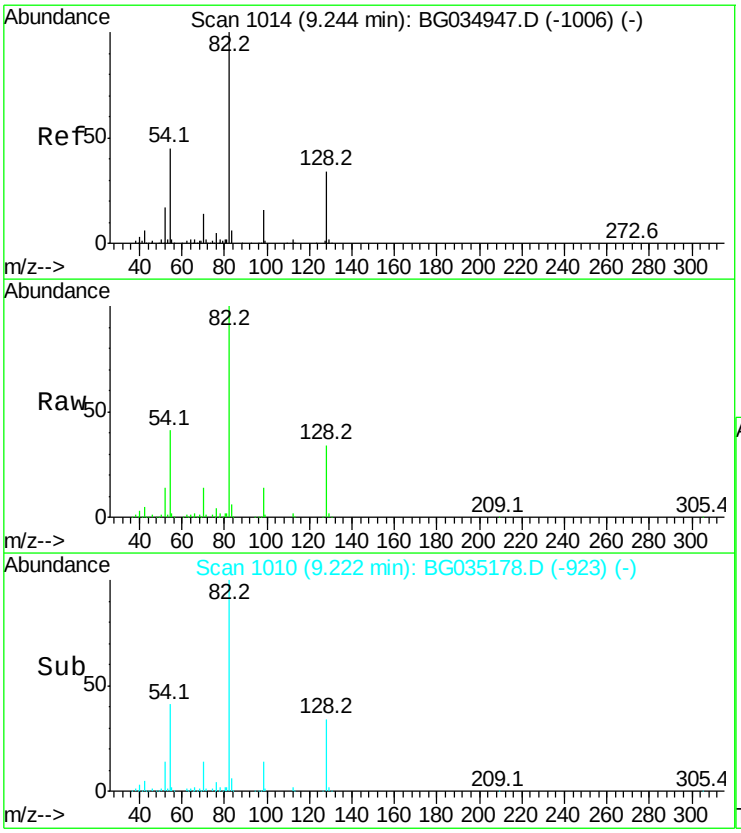
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BG035178.D
Acq: 15 Jun 2018 19:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 175962

Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.2	13.8
54	6.9	10.3	15.5#
68	5.1	4.5	6.7

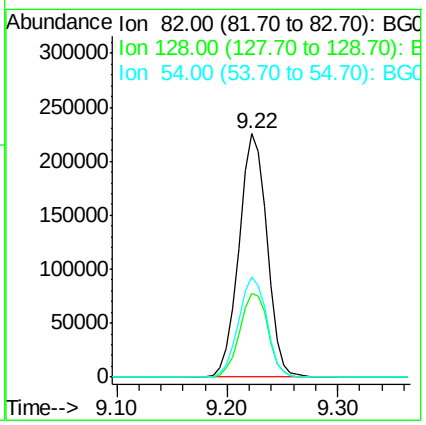


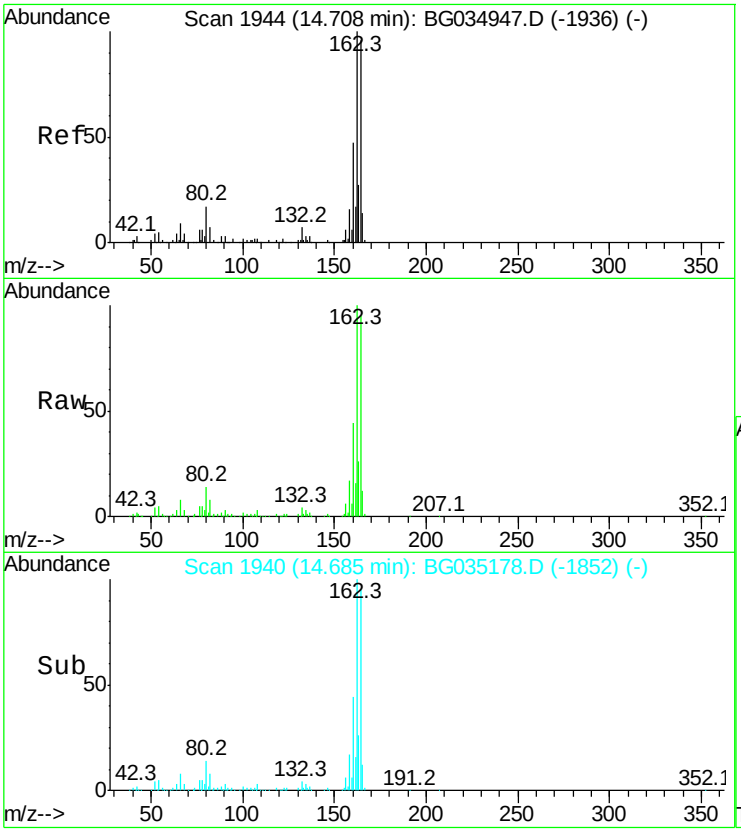


#23
Nitrobenzene-d5
Concen: 108.725 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BG035178.D
Acq: 15 Jun 2018 19:05

Tgt Ion: 82 Resp: 402475

Ion	Ratio	Lower	Upper
82	100		
128	34.2	29.7	44.5
54	41.1	43.1	64.7#



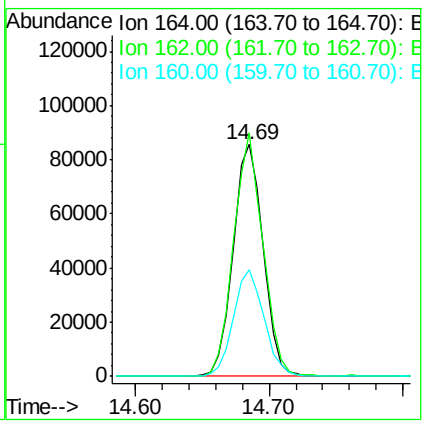


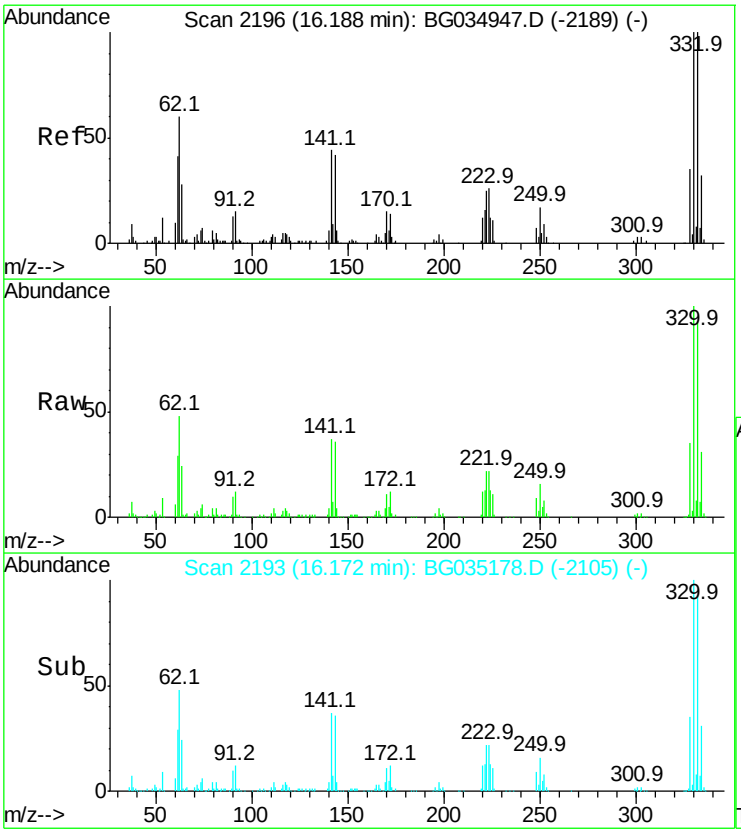
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG035178.D
Acq: 15 Jun 2018 19:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 132710

Ion	Ratio	Lower	Upper
164	100		
162	105.1	78.8	118.2
160	46.2	35.4	53.0

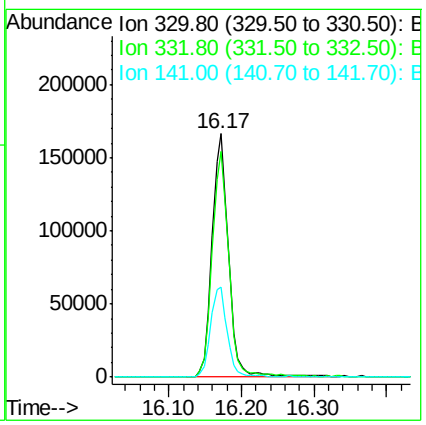


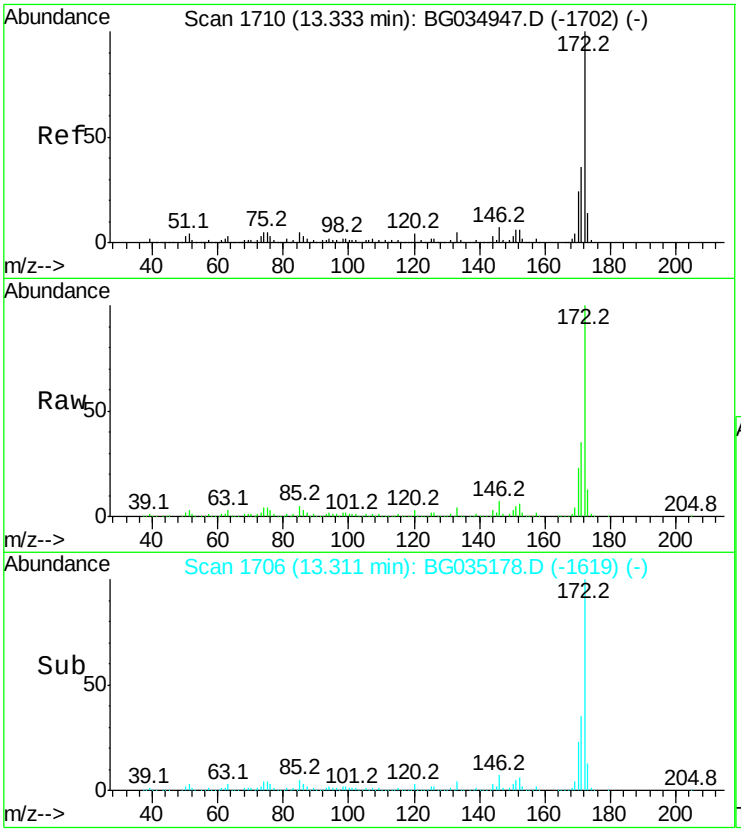


#41
2,4,6-Tribromophenol
Concen: 154.727 ng
RT: 16.17 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BG035178.D
Acq: 15 Jun 2018 19:05

Tgt Ion:330 Resp: 262859

Ion	Ratio	Lower	Upper
330	100		
332	92.5	77.0	115.6
141	37.7	25.2	37.8



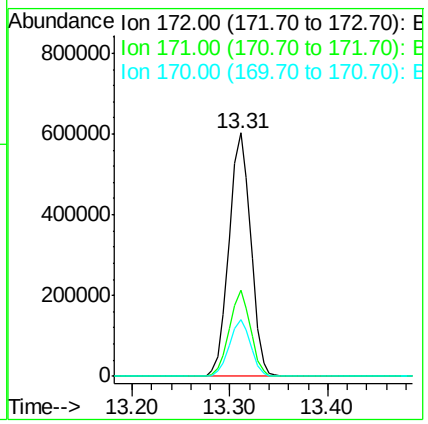


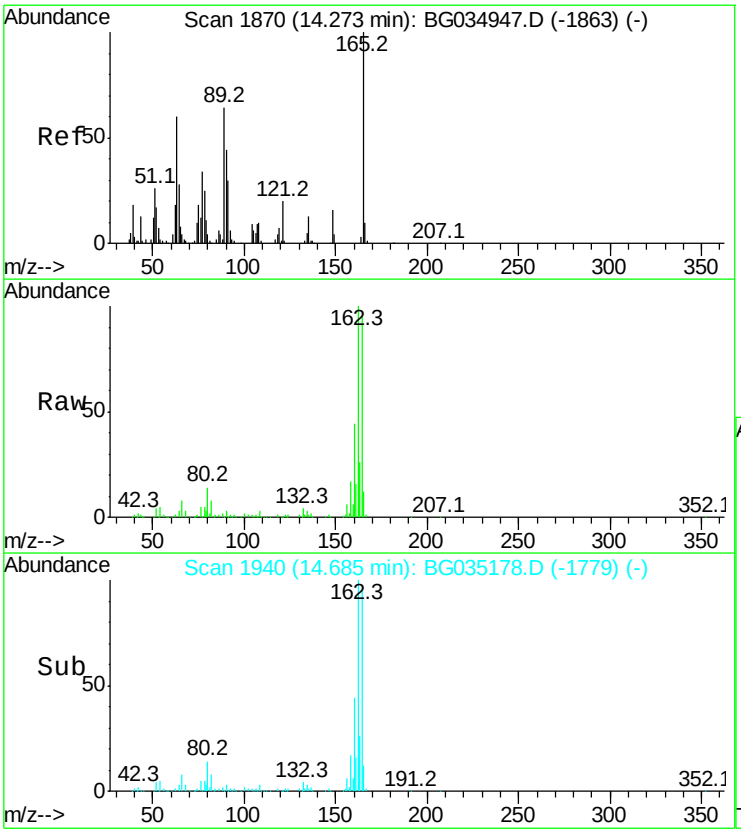
#44
2-Fluorobiphenyl
Concen: 91.278 ng
RT: 13.31 min Scan# 1706
Delta R.T. -0.02 min
Lab File: BG035178.D
Acq: 15 Jun 2018 19:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 931808

Ion	Ratio	Lower	Upper
172	100		
171	35.1	30.0	45.0
170	23.4	19.5	29.3

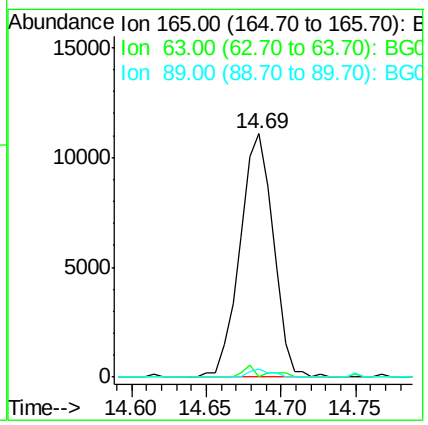


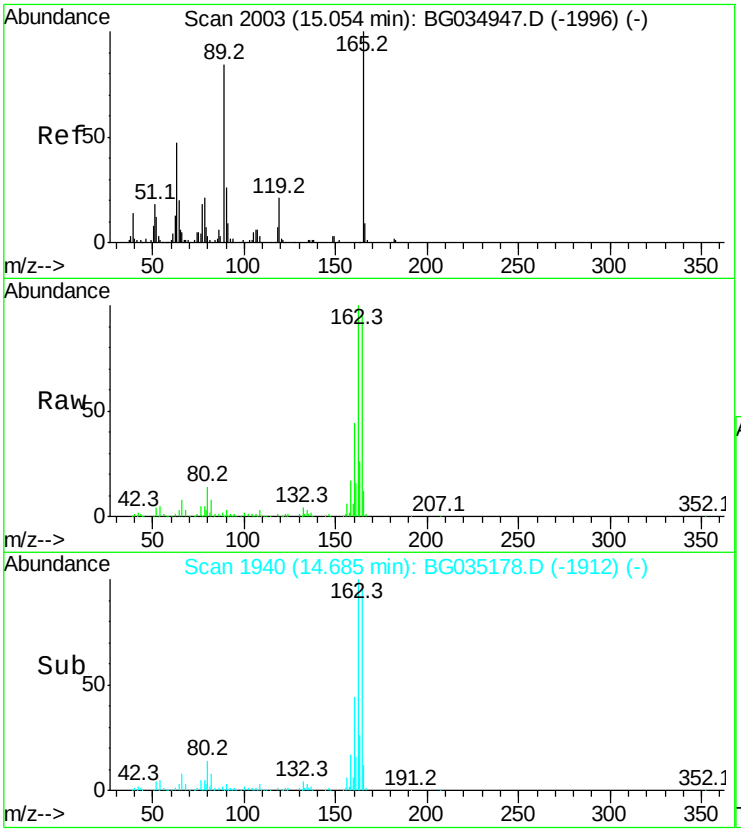


#50
2,6-Dinitrotoluene
Concen: 8.103 ng
RT: 14.69 min Scan# 1940
Delta R.T. 0.42 min
Lab File: BG035178.D
Acq: 15 Jun 2018 19:05

Tgt Ion:165 Resp: 17108

Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	3.2	49.2	73.8#



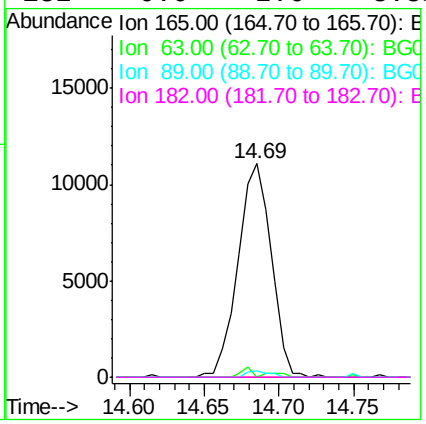


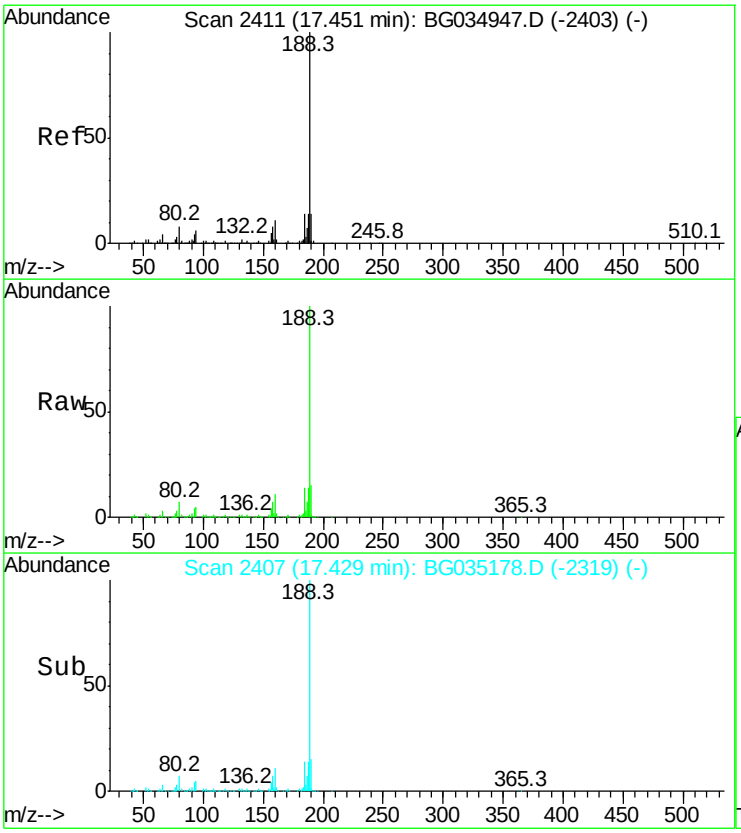
#56
2,4-Dinitrotoluene
Concen: 6.100 ng
RT: 14.69 min Scan# 1940
Delta R.T. -0.36 min
Lab File: BG035178.D
Acq: 15 Jun 2018 19:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 17108

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

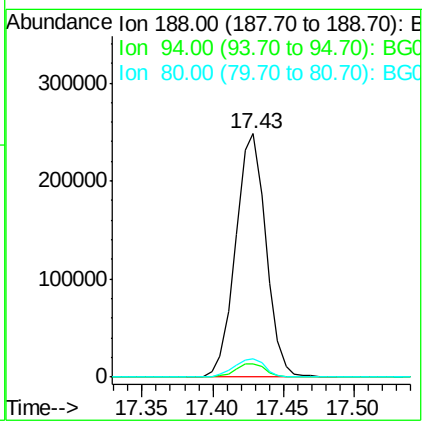


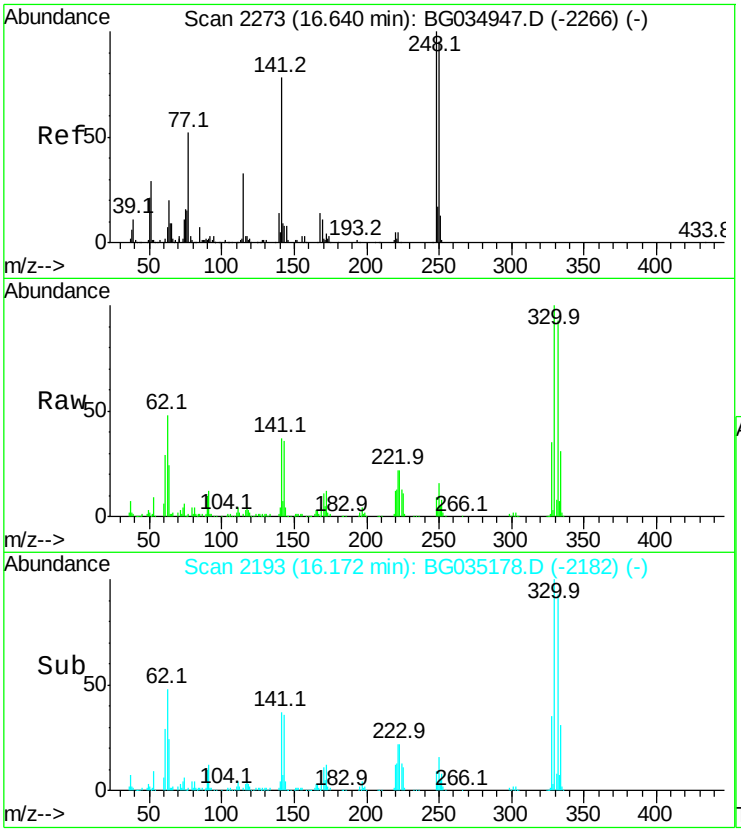


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BG035178.D
Acq: 15 Jun 2018 19:05

Tgt Ion:188 Resp: 372101

Ion	Ratio	Lower	Upper
188	100		
94	5.5	6.9	10.3#
80	7.3	7.7	11.5#



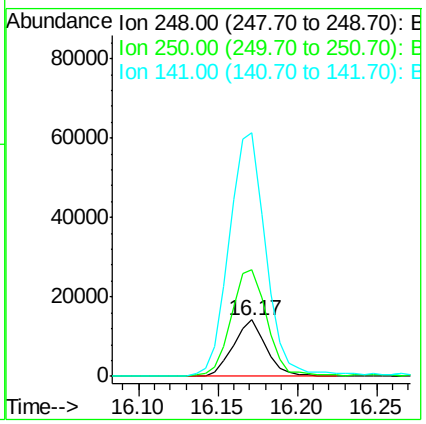


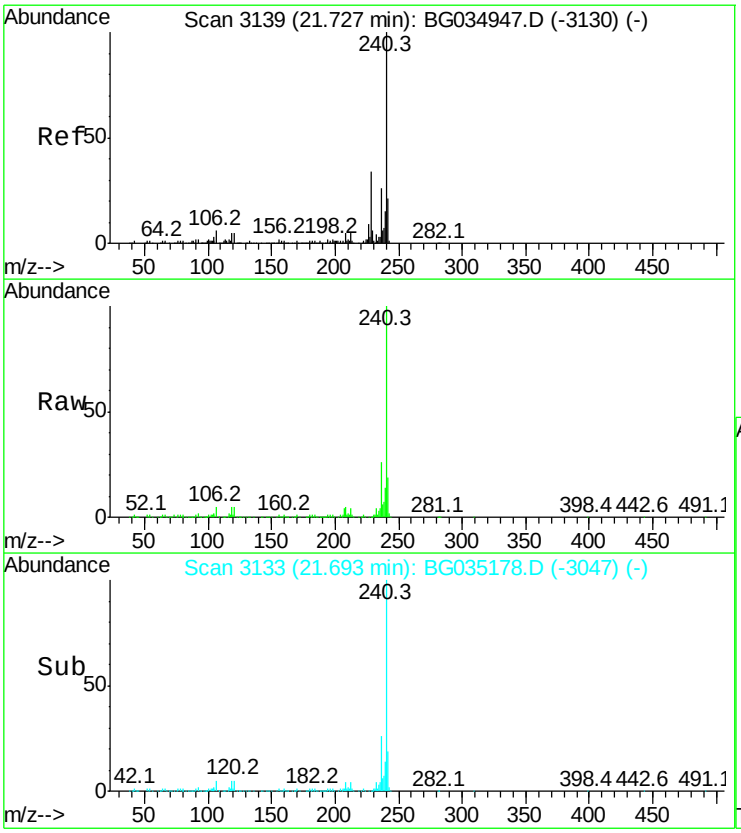
#66
4-Bromophenyl-phenylether
Concen: 4.583 ng
RT: 16.17 min Scan# 2193
Delta R.T. -0.46 min
Lab File: BG035178.D
Acq: 15 Jun 2018 19:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 20537

Ion	Ratio	Lower	Upper
248	100		
250	189.0	77.1	115.7#
141	432.1	50.8	76.2#

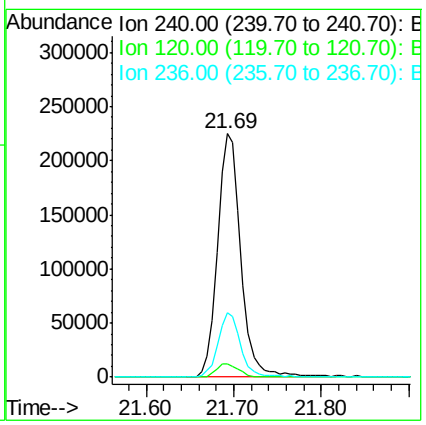


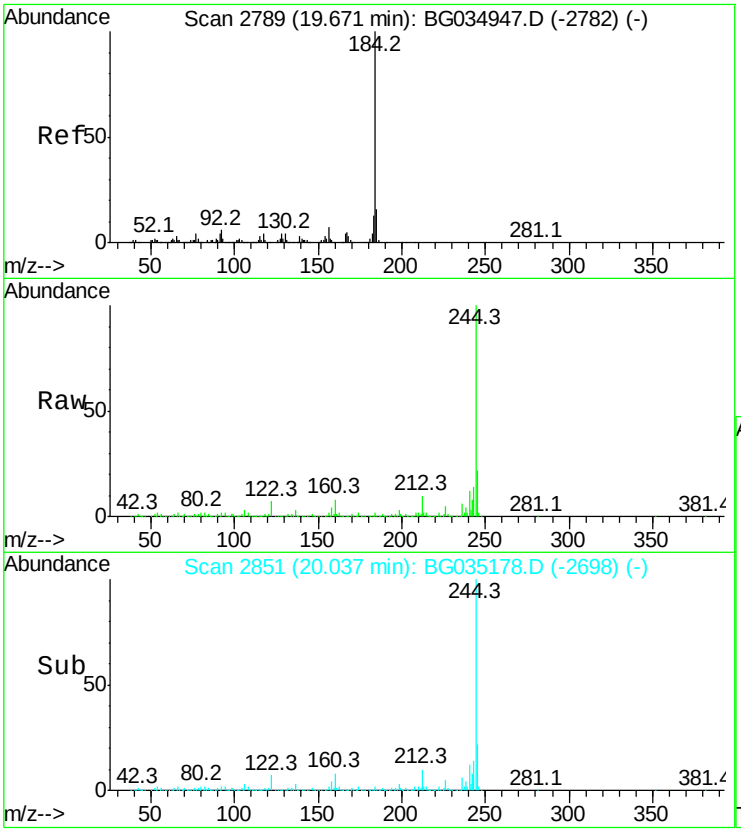


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3133
Delta R.T. -0.02 min
Lab File: BG035178.D
Acq: 15 Jun 2018 19:05

Tgt Ion:240 Resp: 413194

Ion	Ratio	Lower	Upper
240	100		
120	5.3	6.8	10.2#
236	26.3	20.9	31.3



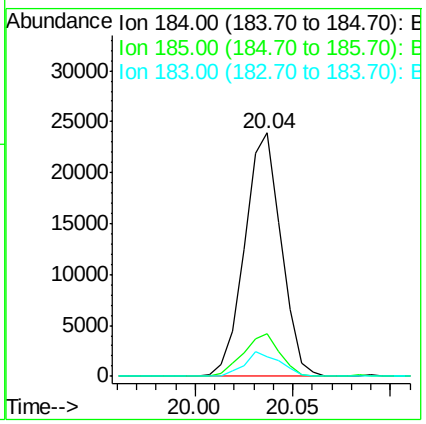


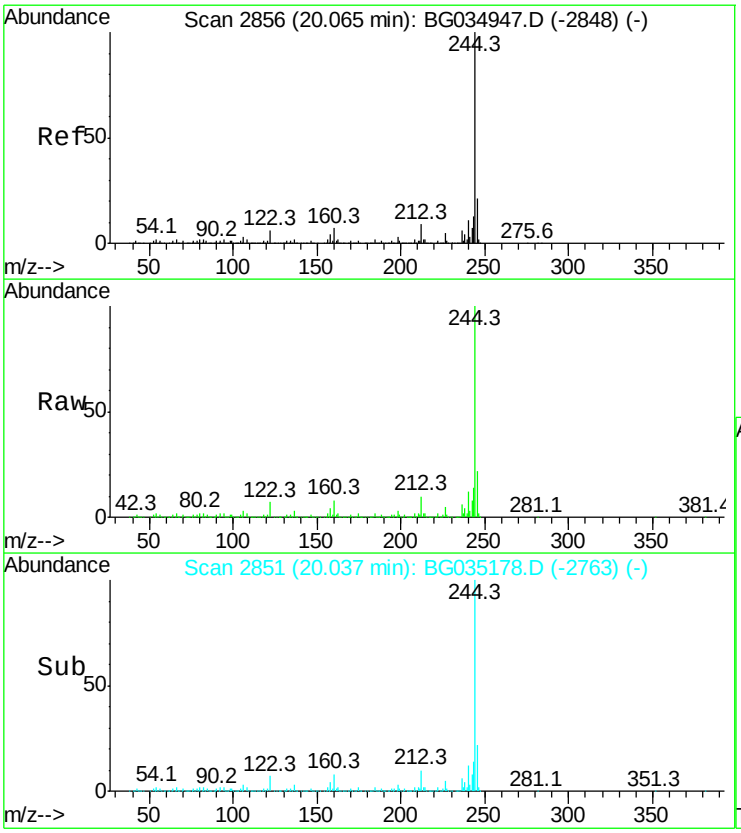
#76
Benzidine
Concen: 2.009 ng
RT: 20.04 min Scan# 2851
Delta R.T. 0.37 min
Lab File: BG035178.D
Acq: 15 Jun 2018 19:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 30878

Ion	Ratio	Lower	Upper
184	100		
185	17.3	11.1	16.7#
183	8.2	10.6	16.0#

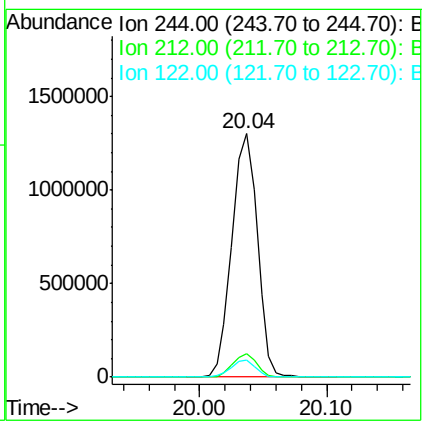


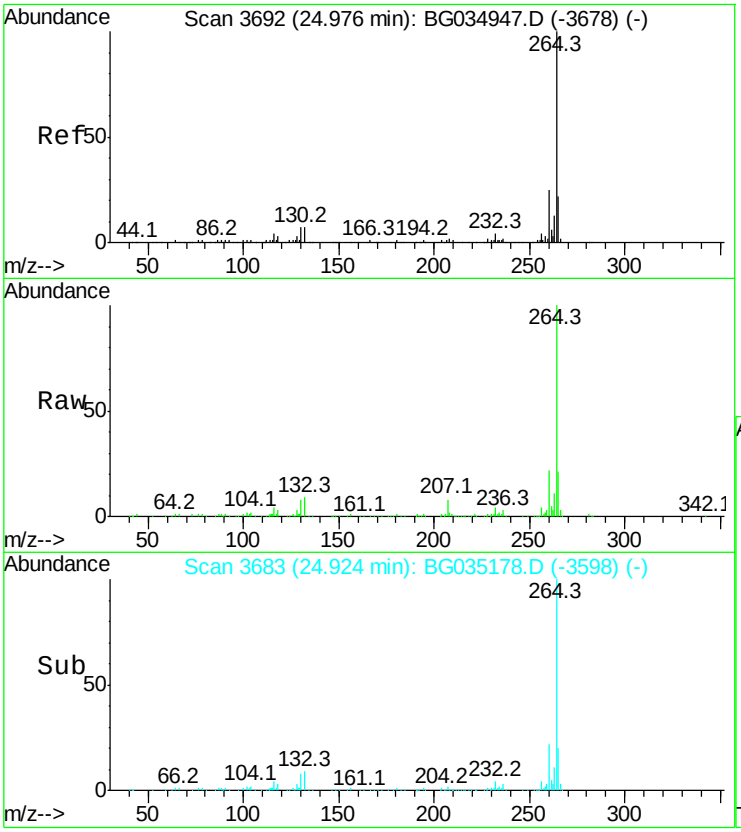


#78
Terphenyl-d14
Concen: 91.785 ng
RT: 20.04 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BG035178.D
Acq: 15 Jun 2018 19:05

Tgt Ion:244 Resp: 1810537

Ion	Ratio	Lower	Upper
244	100		
212	9.8	5.8	8.8#
122	7.2	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: BG035178.D
Acq: 15 Jun 2018 19:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 332653

Ion	Ratio	Lower	Upper
264	100		
260	22.4	17.4	26.0
265	20.6	17.7	26.5