Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070218\
Data File : BG035561.D
Acq On : 2 Jul 2018 21:36
Operator : JU/SJ
Sample : J3245-18
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jul 03 04:49:21 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	34246	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	122942	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	87038	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	241805	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	274289	20.00	ng	-0.03
86) Perylene-d12	24.91	264	249570	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	282990	139.45	ng	0.00
7) Phenol-d6	7.23	99	364040	121.55	ng	0.00
23) Nitrobenzene-d5	9.23	82	292249	113.00	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	204676	183.70	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	667248	99.66	ng	-0.02
78) Terphenyl-d14	20.03	244	1329573	101.54	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.23	70	40642	15.972	ng	# 67
50) 2,6-Dinitrotoluene	14.68	165	12743	9.203	ng	# 21
56) 2,4-Dinitrotoluene	14.68	165	12743	6.928	ng	# 19
66) 4-Bromophenyl-phenylether	16.17	248	15647	5.373	ng	# 1
76) Benzidine	20.03	184	22626	2.217	ng	# 86

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

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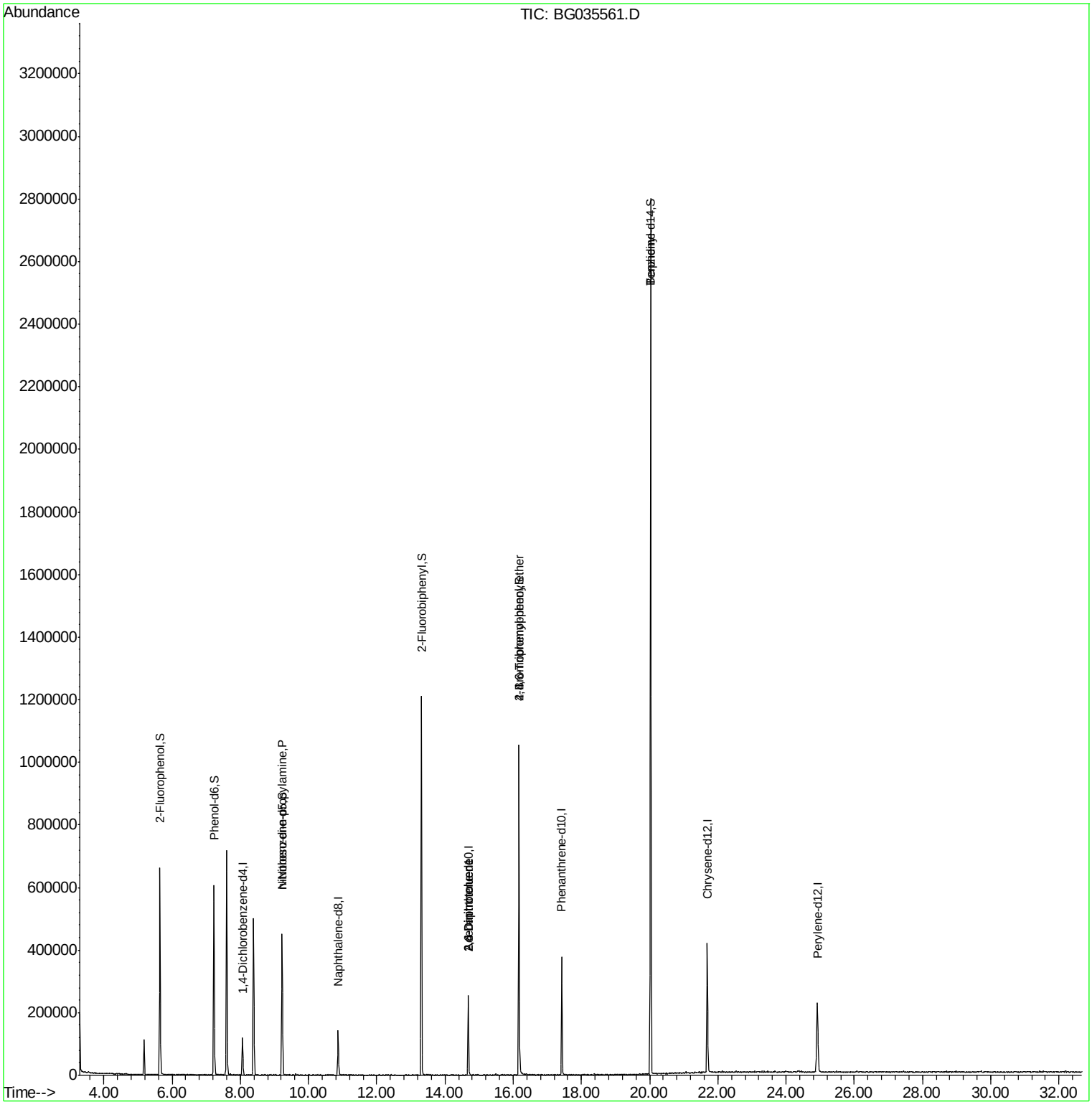
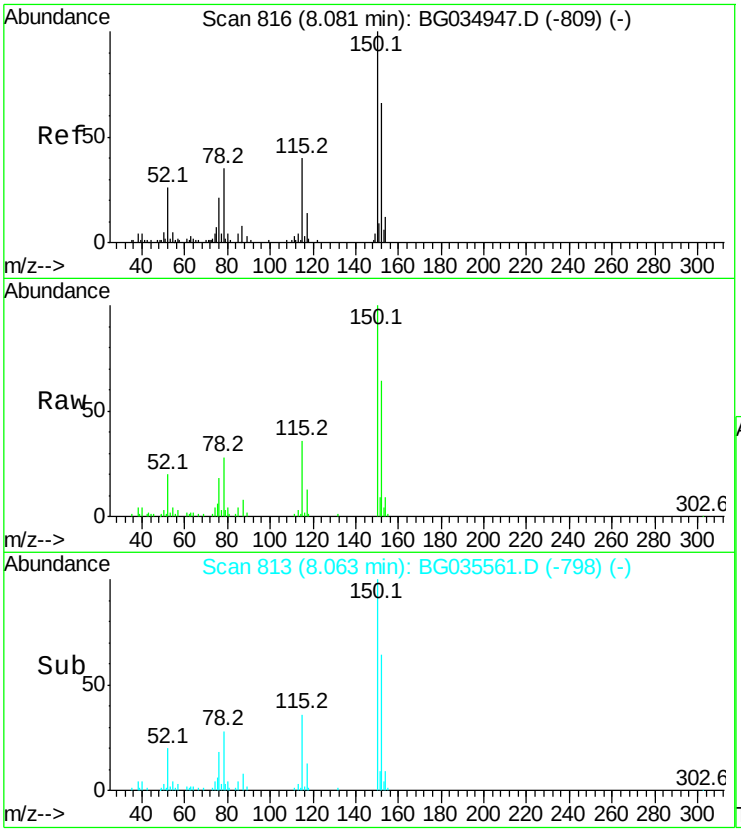


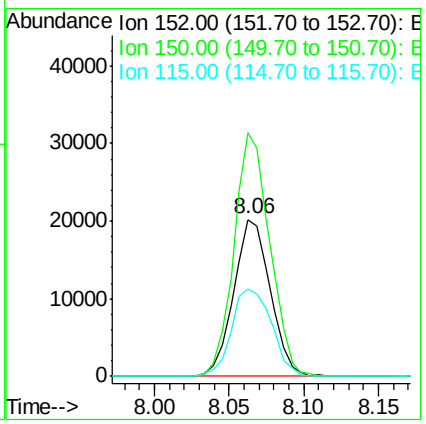


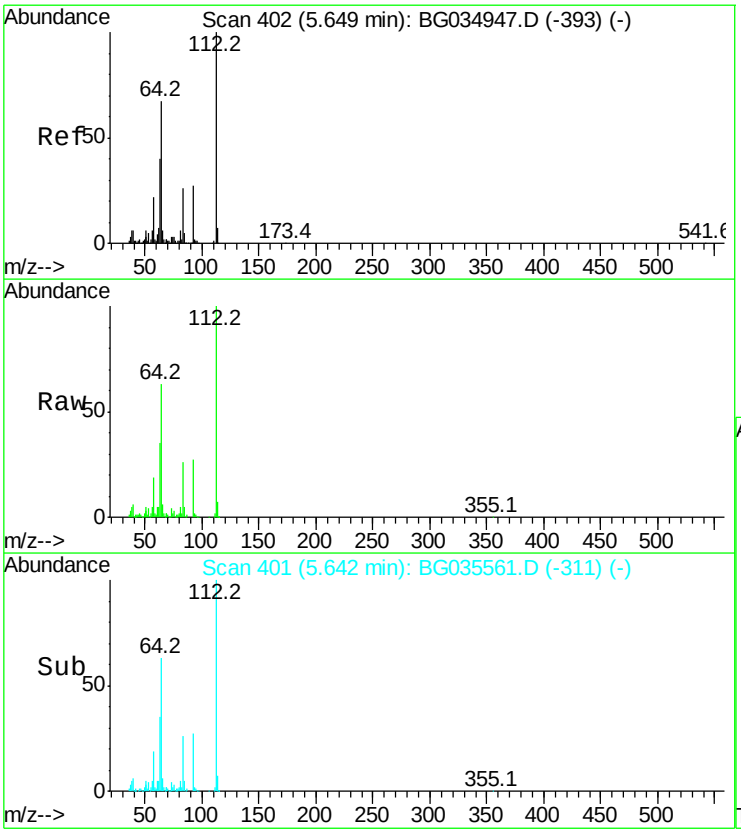
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035561.D
Acq: 2 Jul 2018 21:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 34246

Ion	Ratio	Lower	Upper
152	100		
150	155.3	126.6	189.8
115	55.8	53.0	79.4

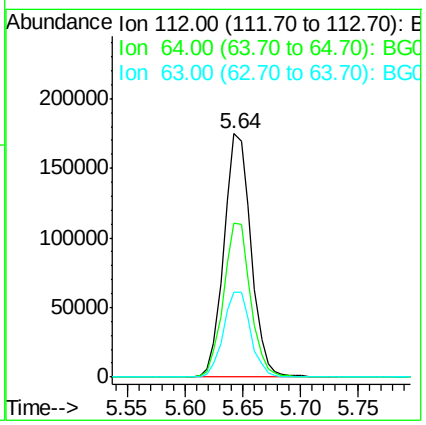


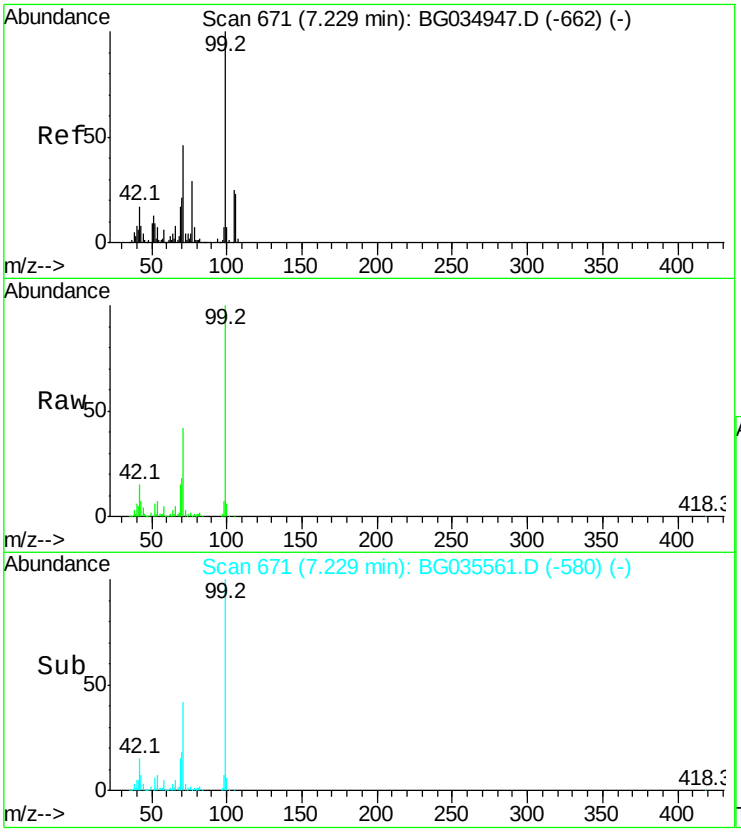


#5
2-Fluorophenol
Concen: 139.455 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG035561.D
Acq: 2 Jul 2018 21:36

Tgt Ion:112 Resp: 282990

Ion	Ratio	Lower	Upper
112	100		
64	63.2	56.3	84.5
63	34.8	30.1	45.1



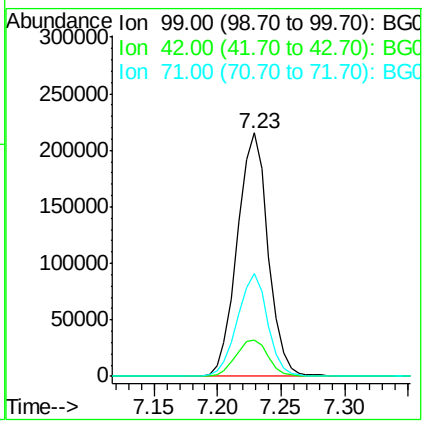


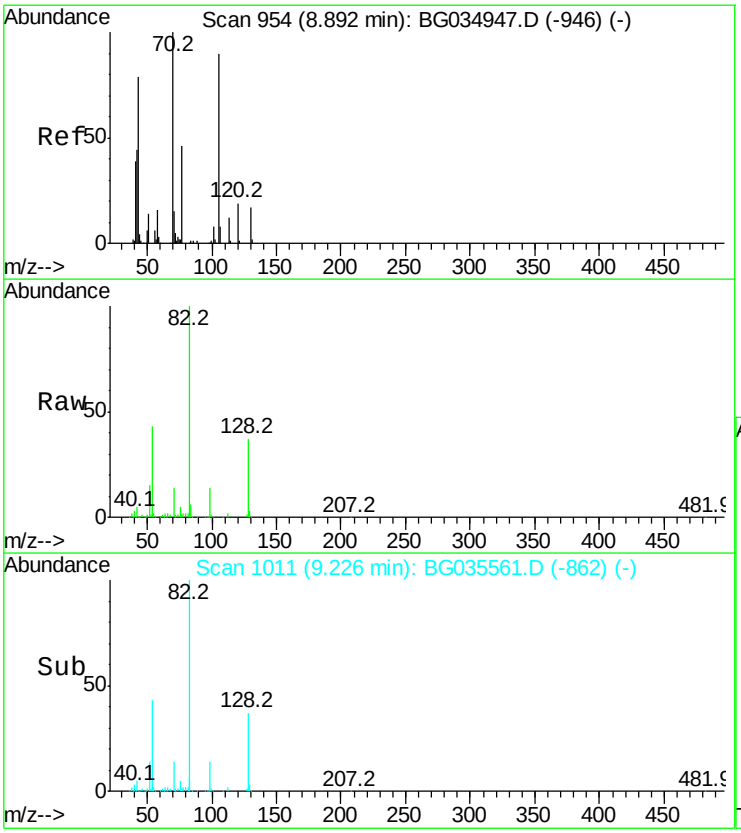
#7
Phenol-d6
Concen: 121.546 ng
RT: 7.23 min Scan# 671
Delta R.T. 0.00 min
Lab File: BG035561.D
Acq: 2 Jul 2018 21:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 364040

Ion	Ratio	Lower	Upper
99	100		
42	14.7	14.1	21.1
71	42.4	26.1	39.1#

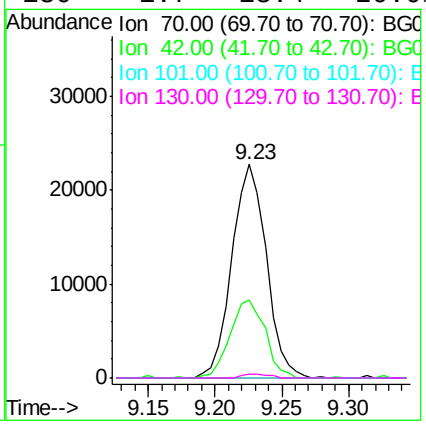


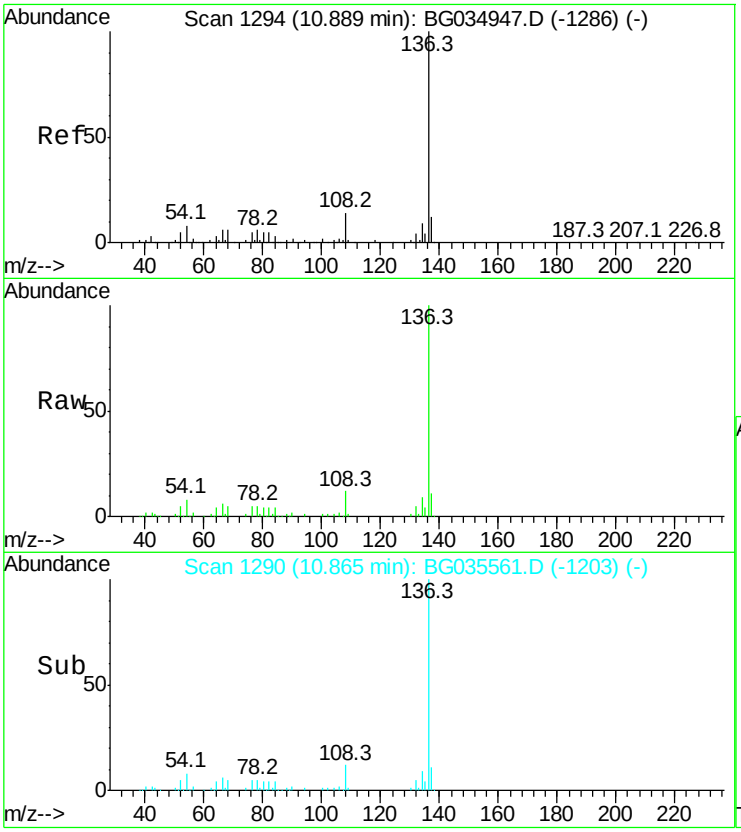


#19
n-Nitroso-di-n-propylamine
Concen: 15.972 ng
RT: 9.23 min Scan# 1011
Delta R.T. 0.34 min
Lab File: BG035561.D
Acq: 2 Jul 2018 21:36

Tgt Ion: 70 Resp: 40642

Ion	Ratio	Lower	Upper
70	100		
42	36.3	49.1	73.7#
101	0.0	8.5	12.7#
130	1.7	13.4	20.0#



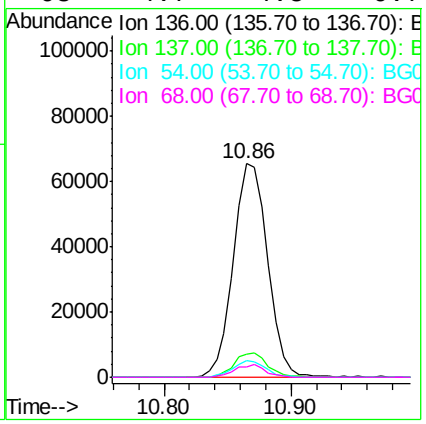


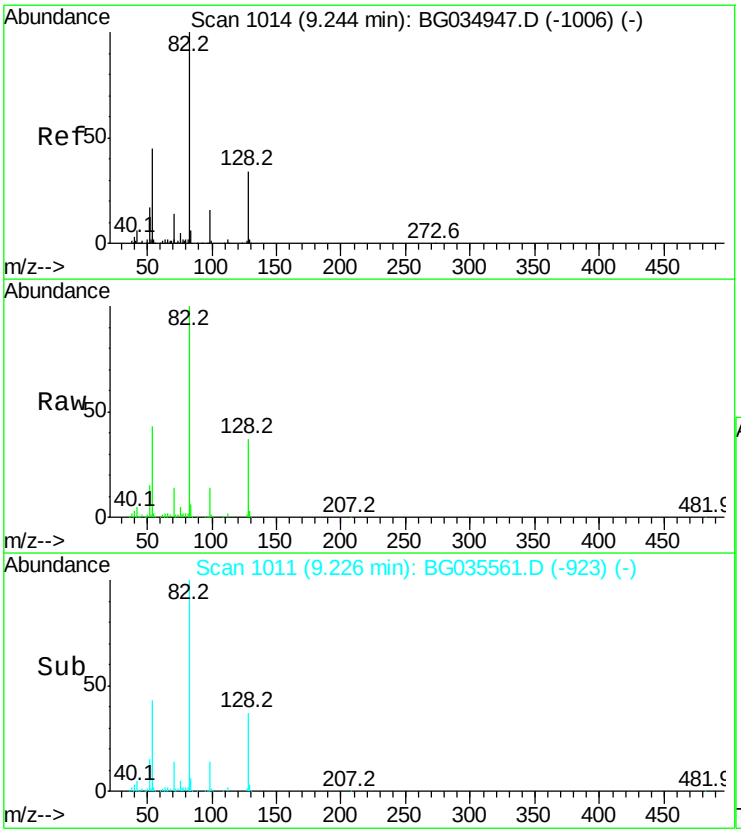
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BG035561.D
Acq: 2 Jul 2018 21:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 122942

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	7.6	10.3	15.5#
68	4.7	4.5	6.7

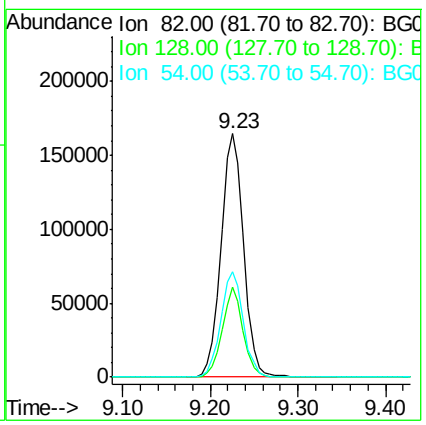


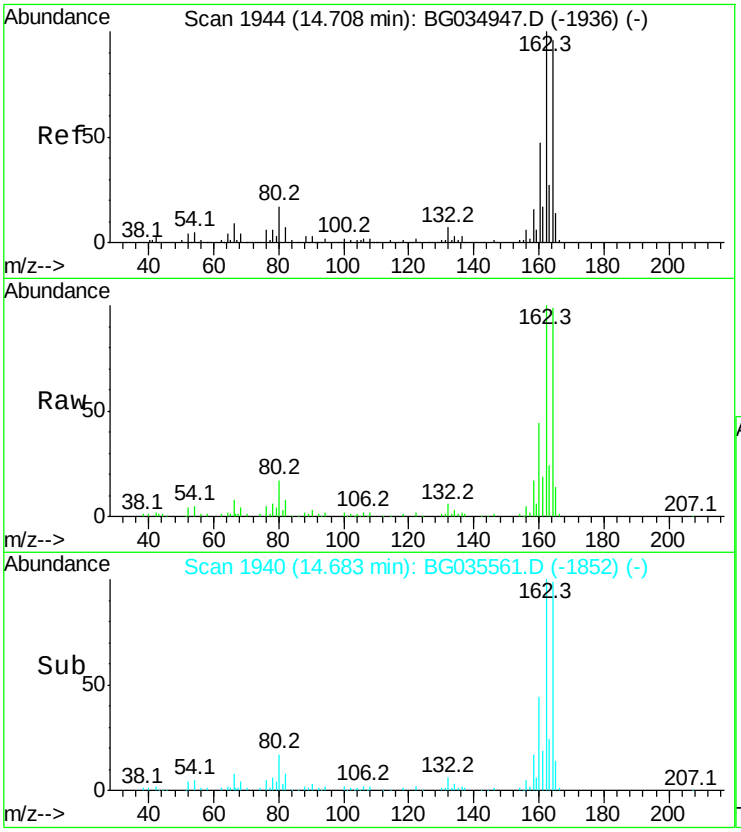


#23
Nitrobenzene-d5
Concen: 112.995 ng
RT: 9.23 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BG035561.D
Acq: 2 Jul 2018 21:36

Tgt Ion: 82 Resp: 292249

Ion	Ratio	Lower	Upper
82	100		
128	36.7	29.7	44.5
54	43.2	43.1	64.7



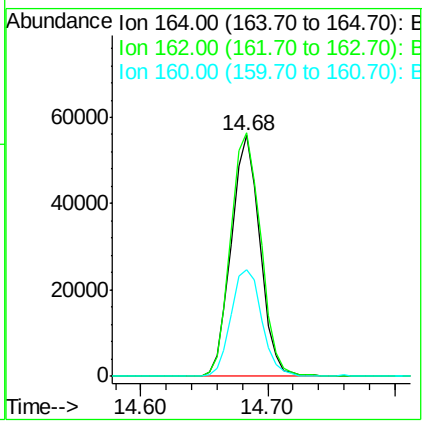


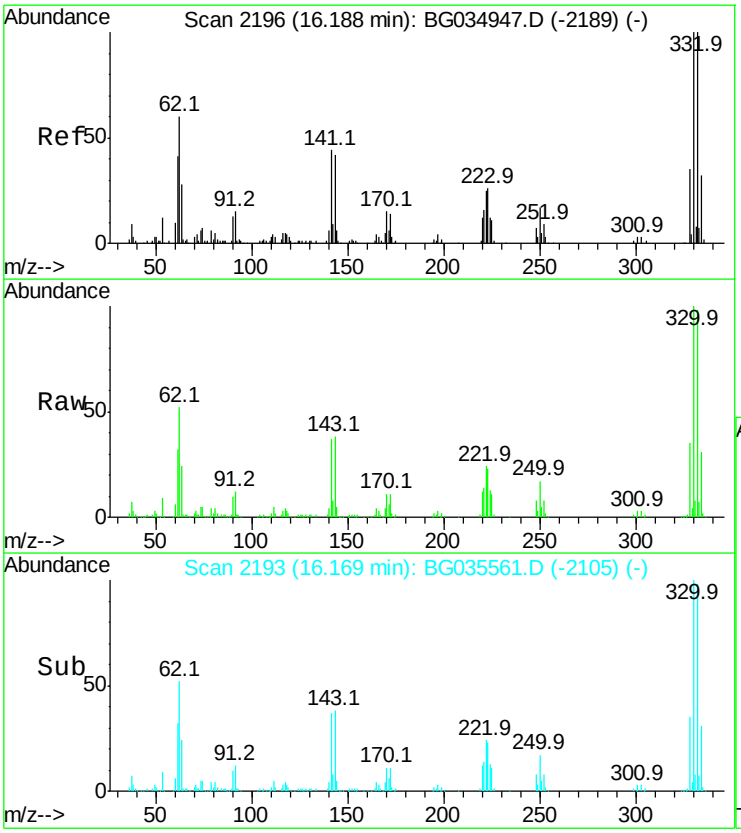
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG035561.D
Acq: 2 Jul 2018 21:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 87038

Ion	Ratio	Lower	Upper
164	100		
162	101.2	78.8	118.2
160	44.5	35.4	53.0

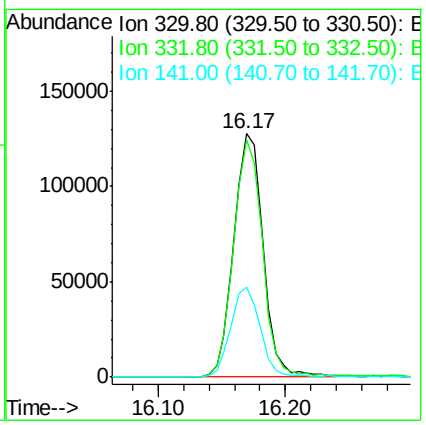


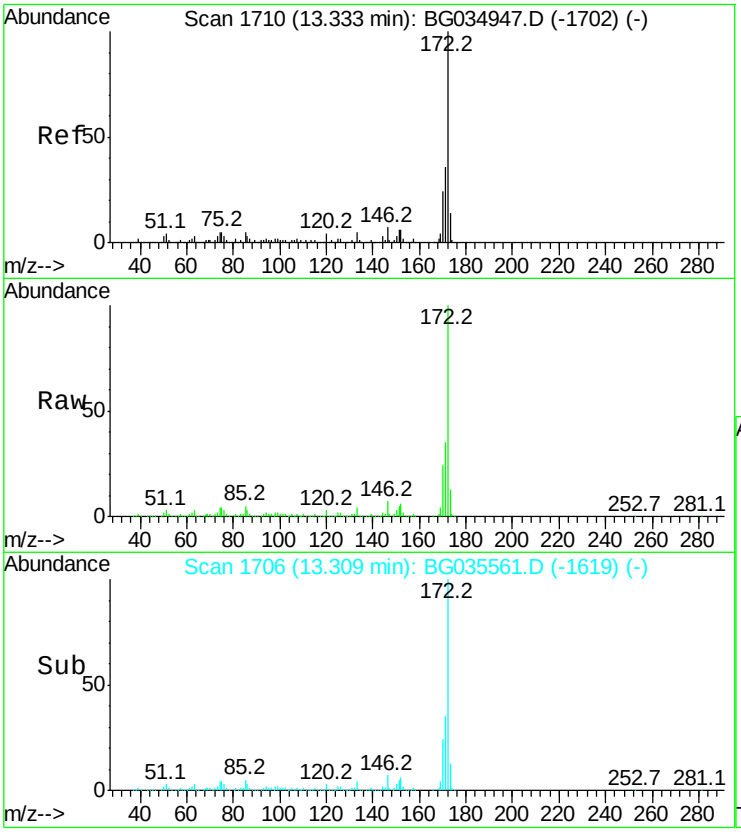


#41
2,4,6-Tribromophenol
Concen: 183.698 ng
RT: 16.17 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BG035561.D
Acq: 2 Jul 2018 21:36

Tgt Ion:330 Resp: 204676

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	37.0	25.2	37.8



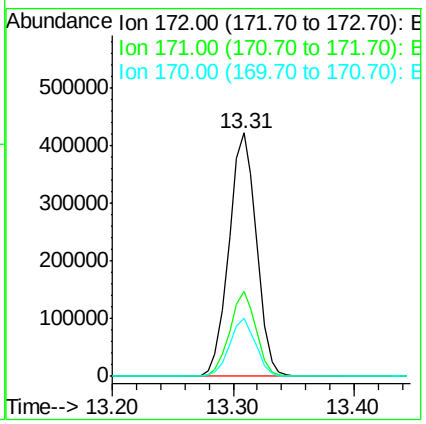


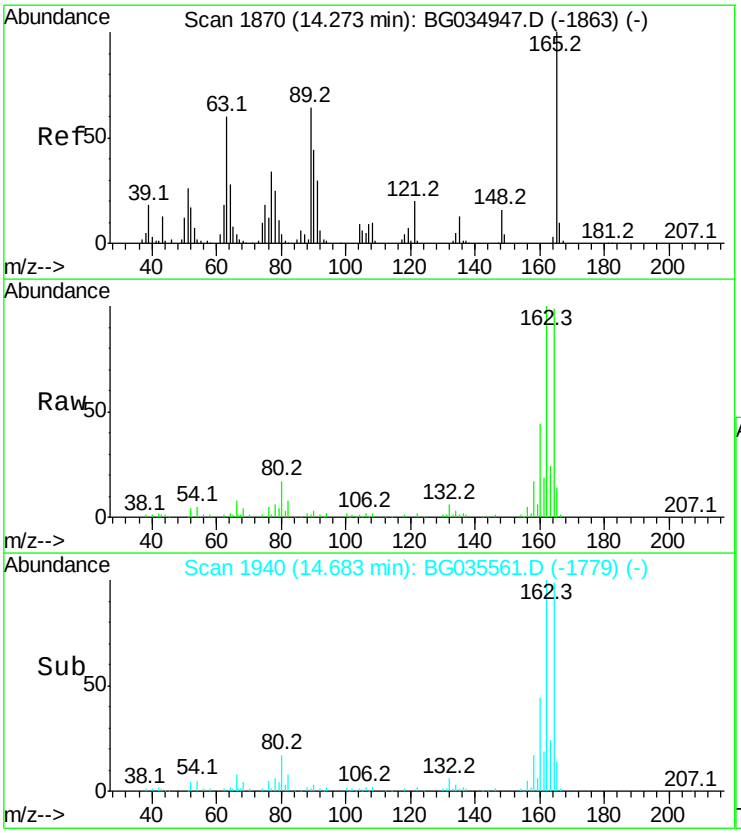
#44
2-Fluorobiphenyl
Concen: 99.660 ng
RT: 13.31 min Scan# 1706
Delta R.T. -0.02 min
Lab File: BG035561.D
Acq: 2 Jul 2018 21:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 667248

Ion	Ratio	Lower	Upper
172	100		
171	34.8	30.0	45.0
170	23.7	19.5	29.3

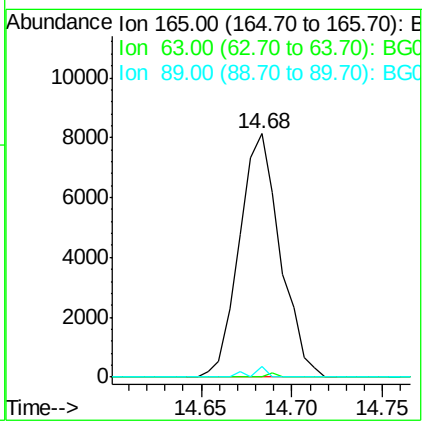


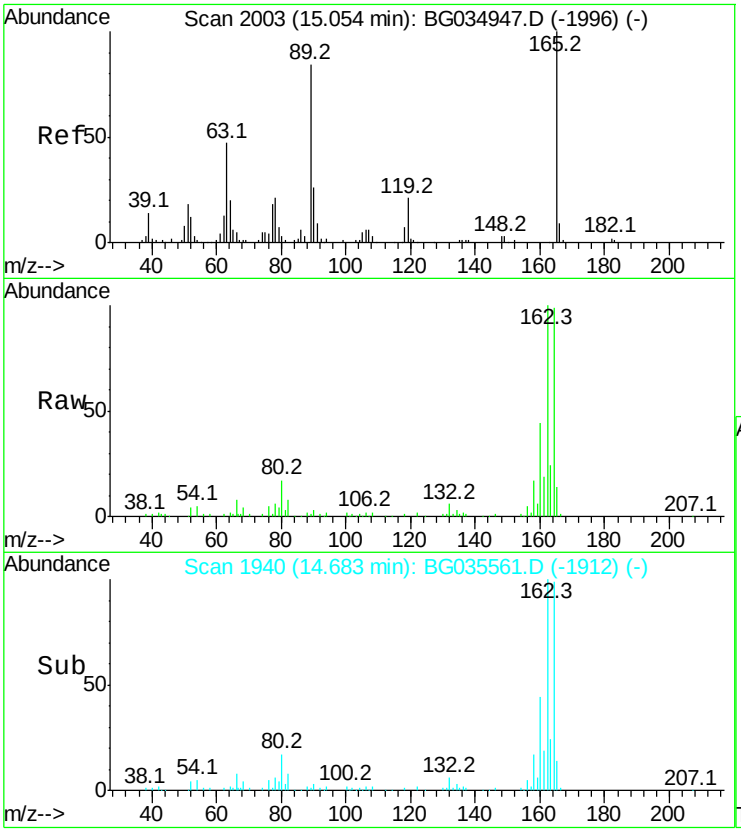


#50
2,6-Dinitrotoluene
Concen: 9.203 ng
RT: 14.68 min Scan# 1940
Delta R.T. 0.42 min
Lab File: BG035561.D
Acq: 2 Jul 2018 21:36

Tgt Ion:165 Resp: 12743

Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	4.5	49.2	73.8#



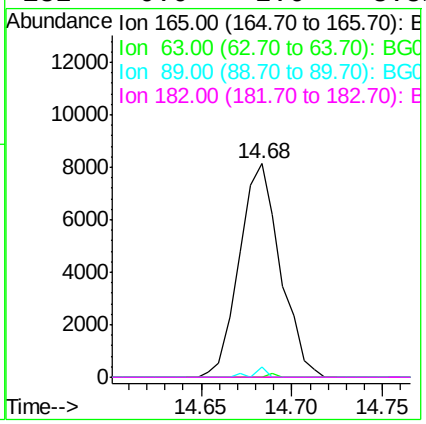


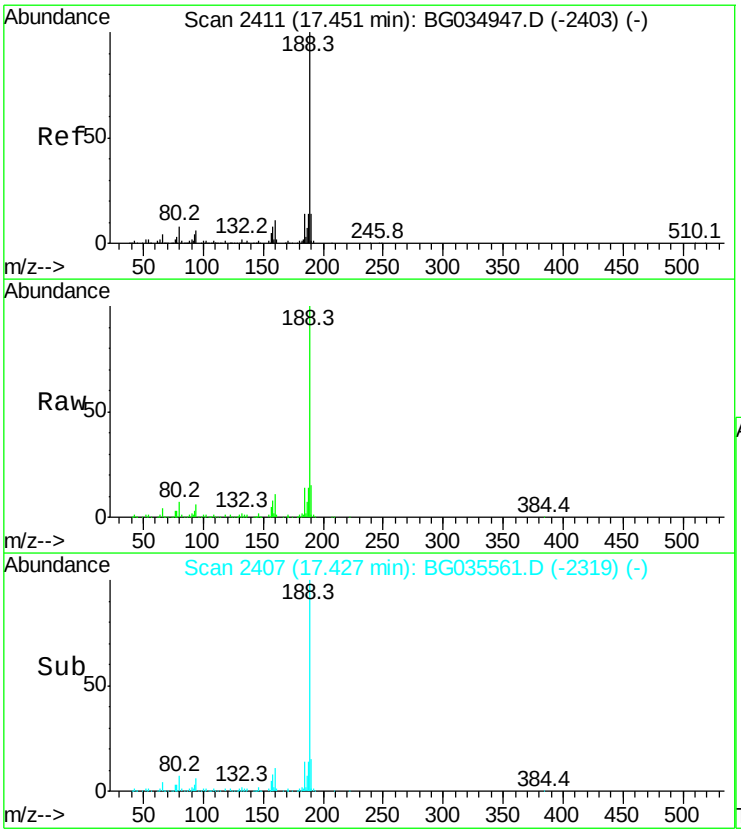
#56
2,4-Dinitrotoluene
Concen: 6.928 ng
RT: 14.68 min Scan# 1940
Delta R.T. -0.37 min
Lab File: BG035561.D
Acq: 2 Jul 2018 21:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 12743

Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	4.5	66.9	100.3#
182	0.0	2.6	3.8#

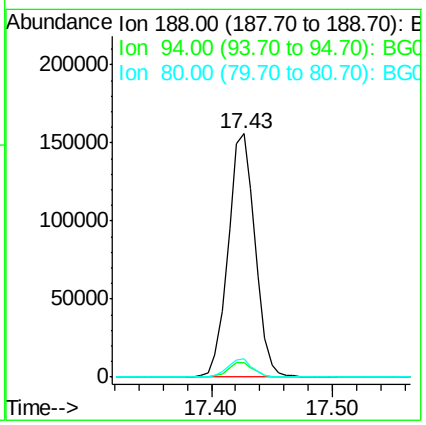


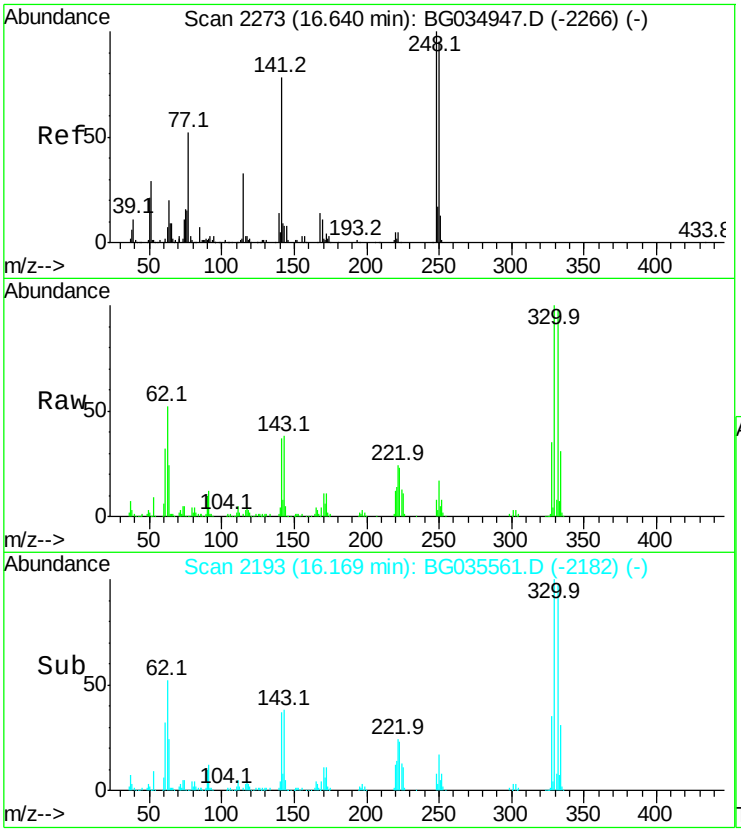


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BG035561.D
Acq: 2 Jul 2018 21:36

Tgt Ion:188 Resp: 241805

Ion	Ratio	Lower	Upper
188	100		
94	6.1	6.9	10.3#
80	7.3	7.7	11.5#



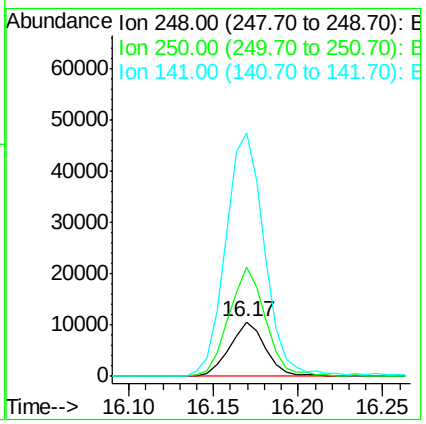


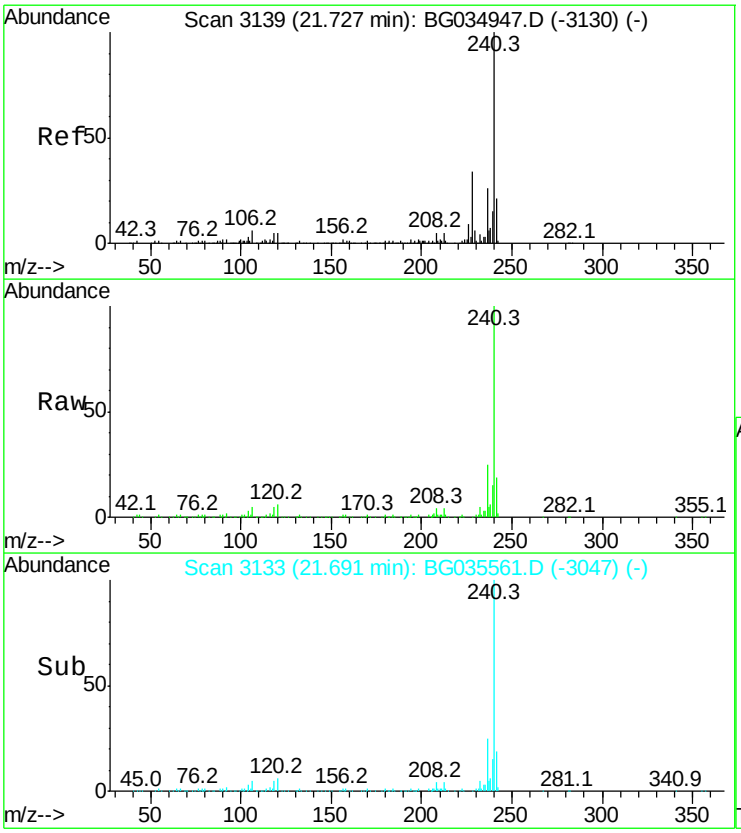
#66
4-Bromophenyl-phenylether
Concen: 5.373 ng
RT: 16.17 min Scan# 2193
Delta R.T. -0.47 min
Lab File: BG035561.D
Acq: 2 Jul 2018 21:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 15647

Ion	Ratio	Lower	Upper
248	100		
250	199.8	77.1	115.7#
141	446.4	50.8	76.2#

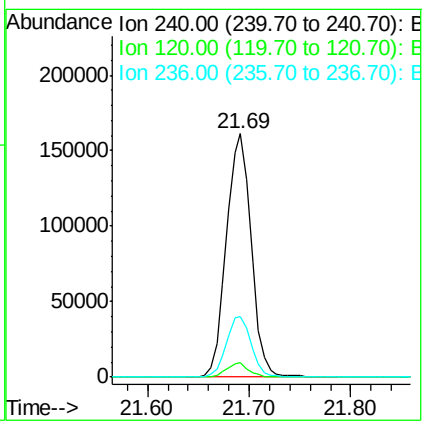


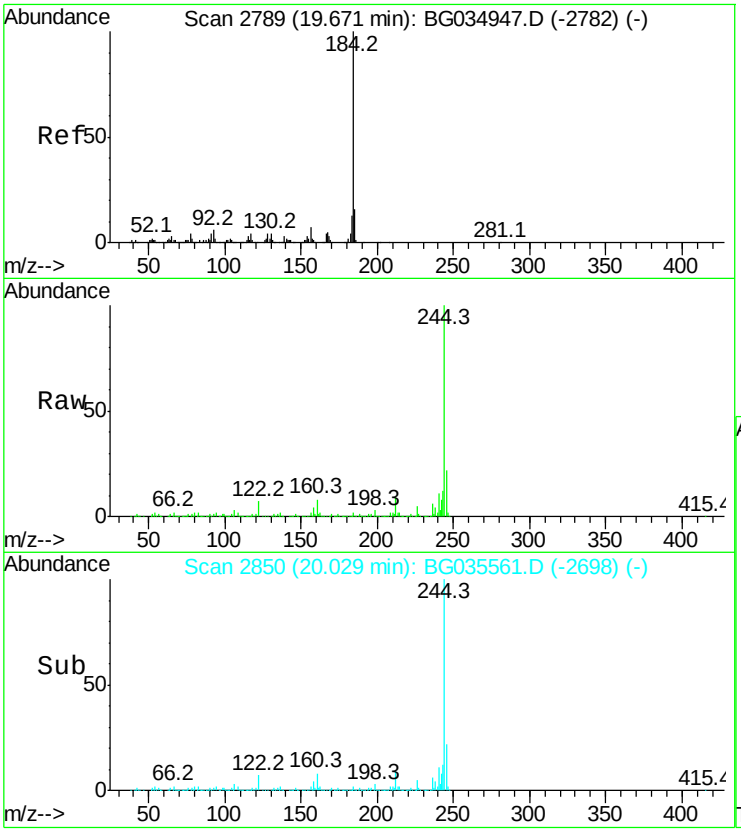


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3133
Delta R.T. -0.03 min
Lab File: BG035561.D
Acq: 2 Jul 2018 21:36

Tgt Ion:240 Resp: 274289

Ion	Ratio	Lower	Upper
240	100		
120	5.7	6.8	10.2#
236	25.0	20.9	31.3



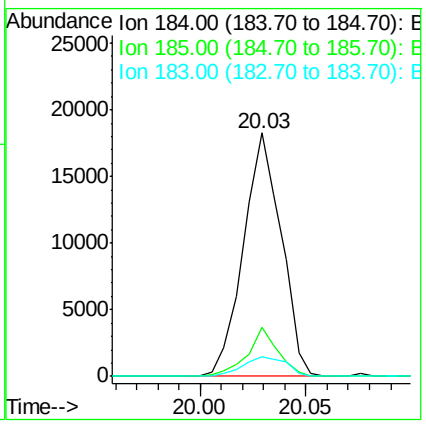


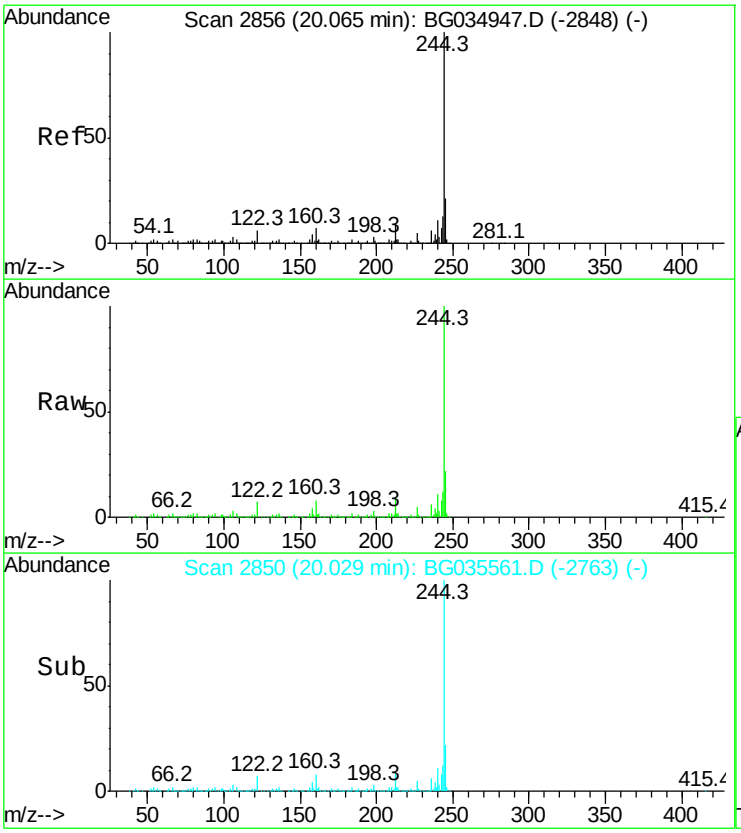
#76
Benzidine
Concen: 2.217 ng
RT: 20.03 min Scan# 2850
Delta R.T. 0.36 min
Lab File: BG035561.D
Acq: 2 Jul 2018 21:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 22626

Ion	Ratio	Lower	Upper
184	100		
185	20.2	11.1	16.7#
183	8.1	10.6	16.0#

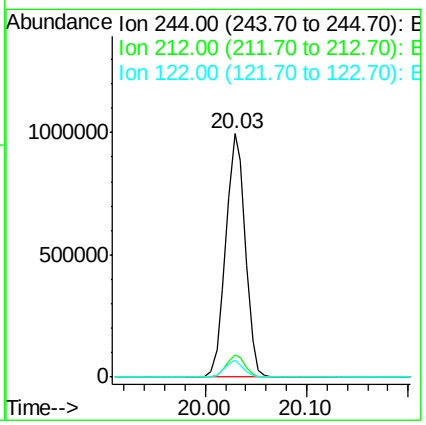


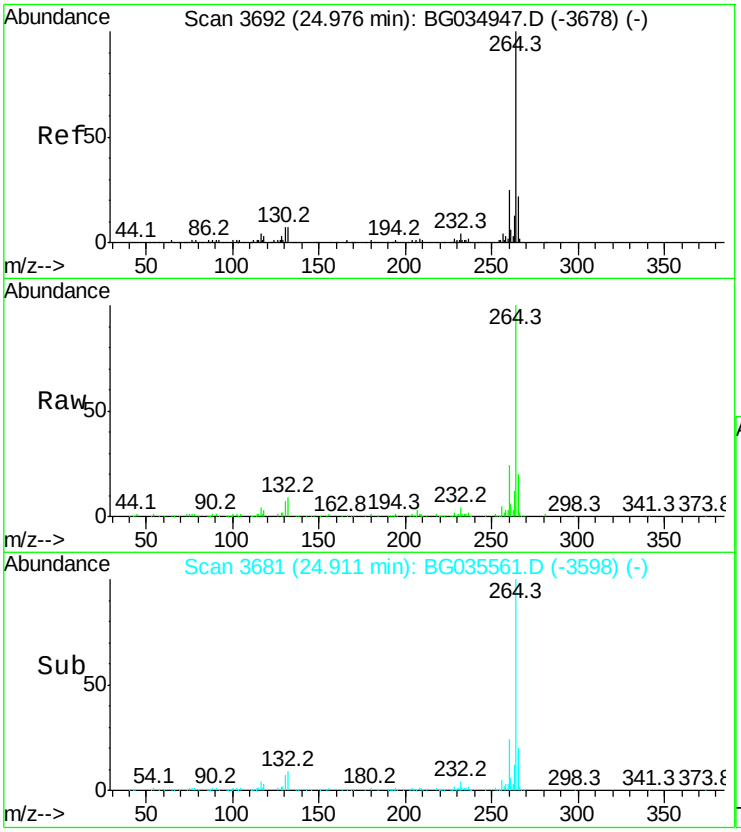


#78
Terphenyl-d14
Concen: 101.536 ng
RT: 20.03 min Scan# 2850
Delta R.T. -0.02 min
Lab File: BG035561.D
Acq: 2 Jul 2018 21:36

Tgt Ion:244 Resp: 1329573

Ion	Ratio	Lower	Upper
244	100		
212	9.2	5.8	8.8#
122	6.9	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.91 min Scan# 3681
Delta R.T. -0.04 min
Lab File: BG035561.D
Acq: 2 Jul 2018 21:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 249570

Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.4	26.0
265	20.3	17.7	26.5