Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061518\
Data File : BG035203.D
Acq On : 16 Jun 2018 11:48
Operator : SJ/JU
Sample : J3501-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jun 18 01:19:16 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	46399	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	177617	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	129412	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	357479	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	389131	20.00	ng	-0.02
86) Perylene-d12	24.92	264	325151	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	395570	143.88	ng	0.00
7) Phenol-d6	7.22	99	534841	131.80	ng	0.00
23) Nitrobenzene-d5	9.22	82	434039	116.16	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	273741	165.24	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	976526	98.10	ng	-0.02
78) Terphenyl-d14	20.04	244	1889231	101.70	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.22	70	59923	17.381	ng	# 65
50) 2,6-Dinitrotoluene	14.68	165	17717	8.606	ng	# 19
56) 2,4-Dinitrotoluene	14.68	165	17717	6.478	ng	# 17
66) 4-Bromophenyl-phenylether	16.17	248	21481	4.990	ng	# 1
76) Benzidine	20.04	184	33140	2.289	ng	# 92

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

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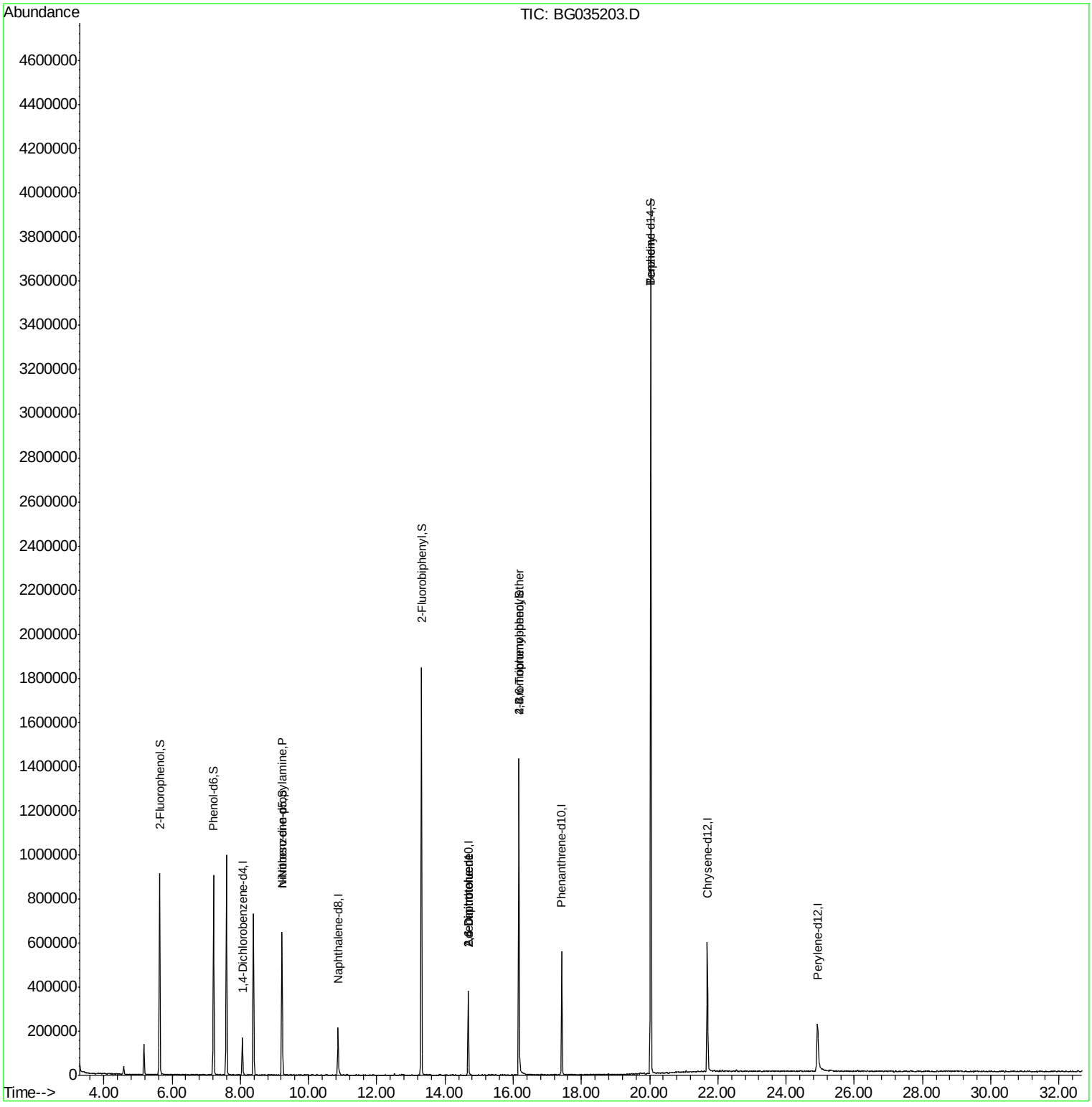
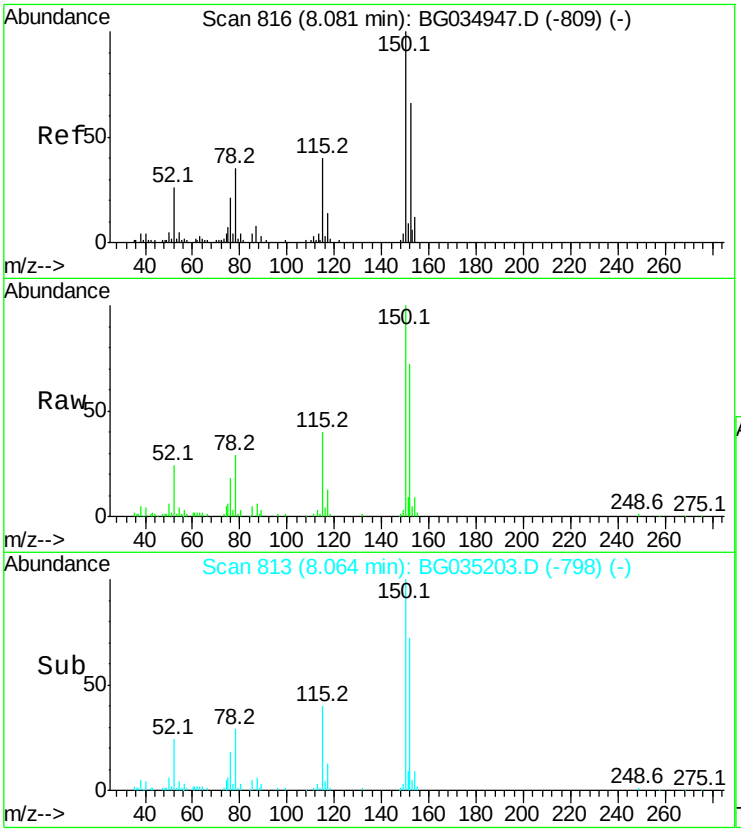


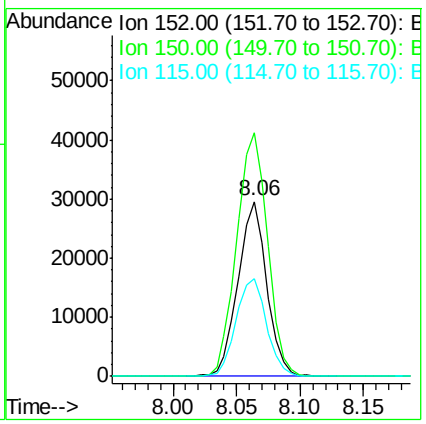


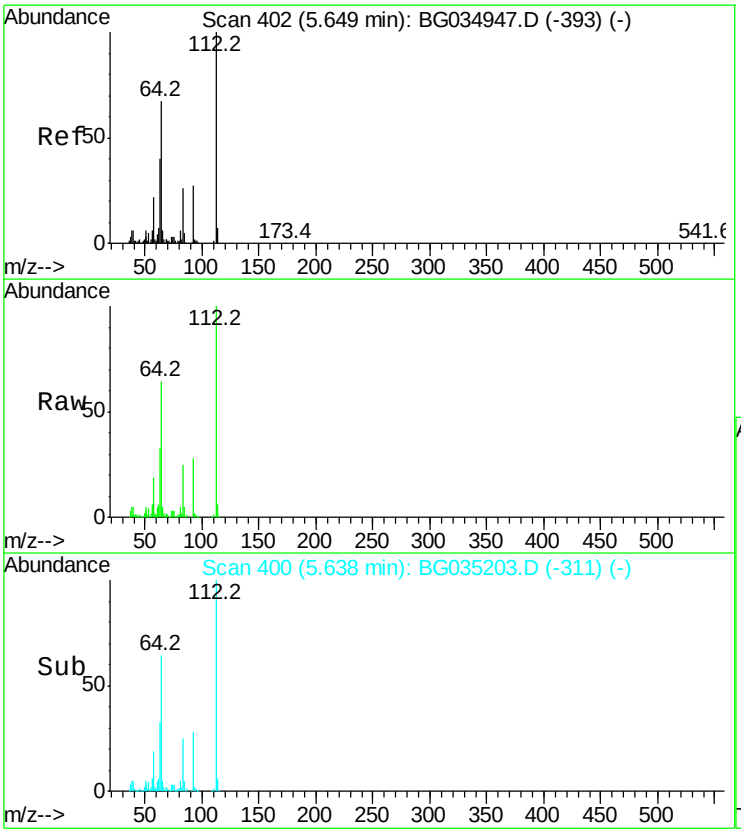
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035203.D
Acq: 16 Jun 2018 11:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 46399

Ion	Ratio	Lower	Upper
152	100		
150	139.5	126.6	189.8
115	55.8	53.0	79.4

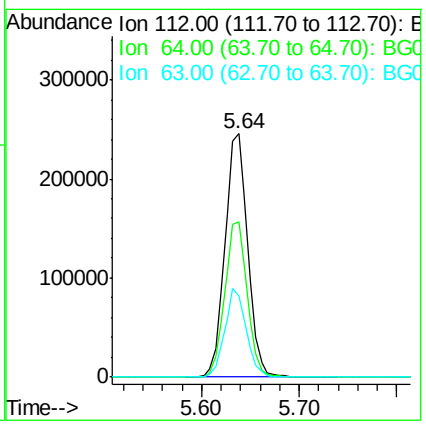


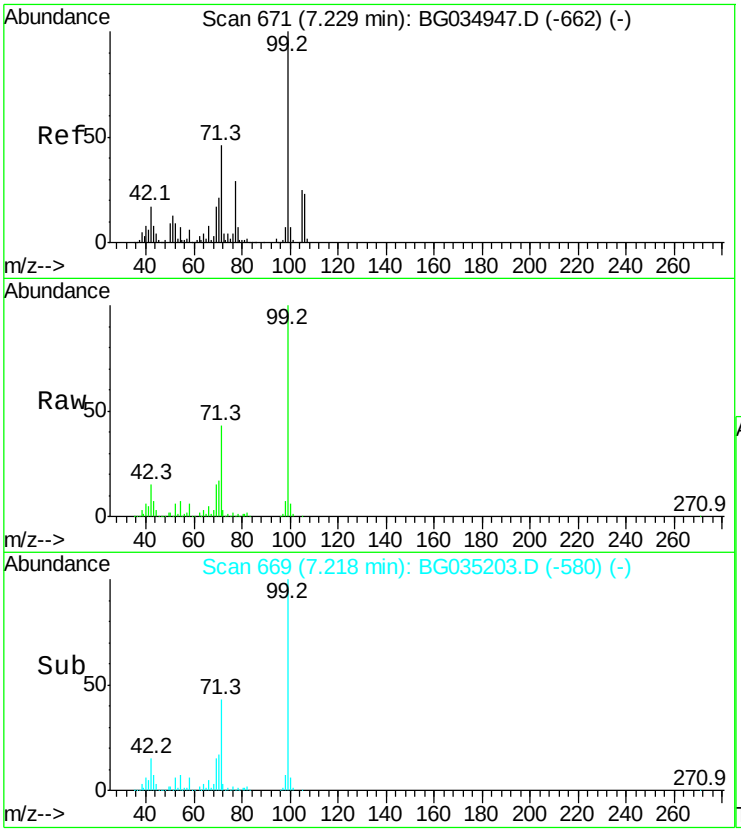


#5
2-Fluorophenol
Concen: 143.875 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG035203.D
Acq: 16 Jun 2018 11:48

Tgt Ion:112 Resp: 395570

Ion	Ratio	Lower	Upper
112	100		
64	63.6	56.3	84.5
63	33.4	30.1	45.1



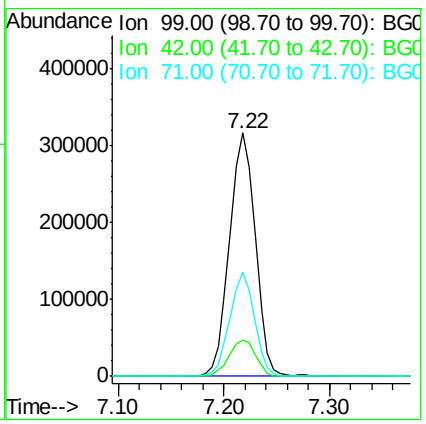


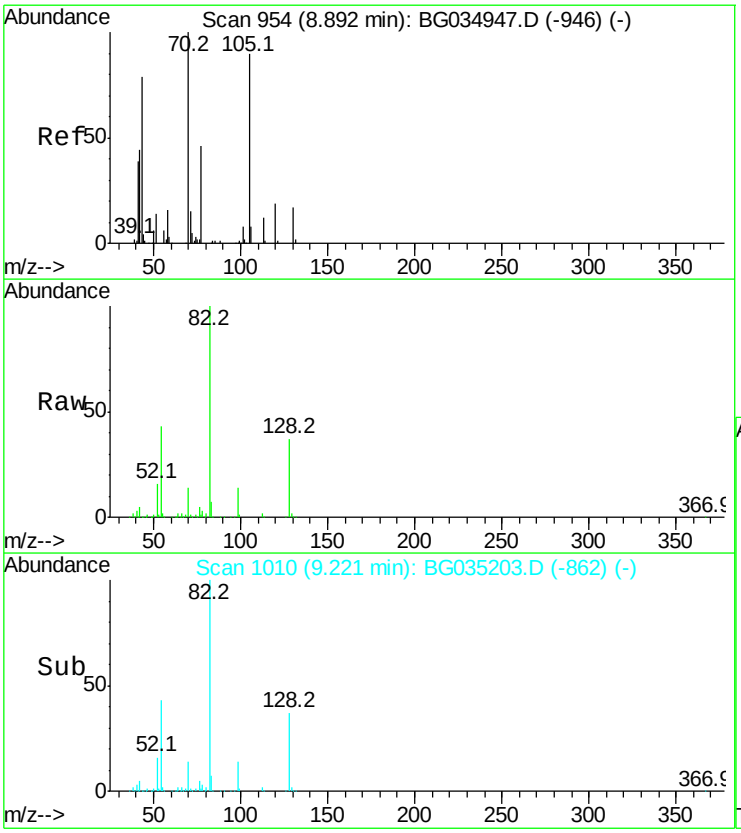
#7
Phenol-d6
Concen: 131.801 ng
RT: 7.22 min Scan# 669
Delta R.T. -0.01 min
Lab File: BG035203.D
Acq: 16 Jun 2018 11:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 534841

Ion	Ratio	Lower	Upper
99	100		
42	14.9	14.1	21.1
71	42.9	26.1	39.1#

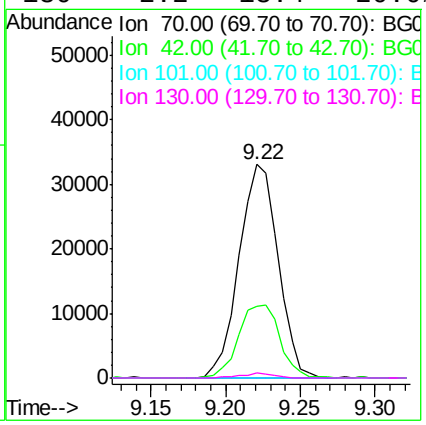


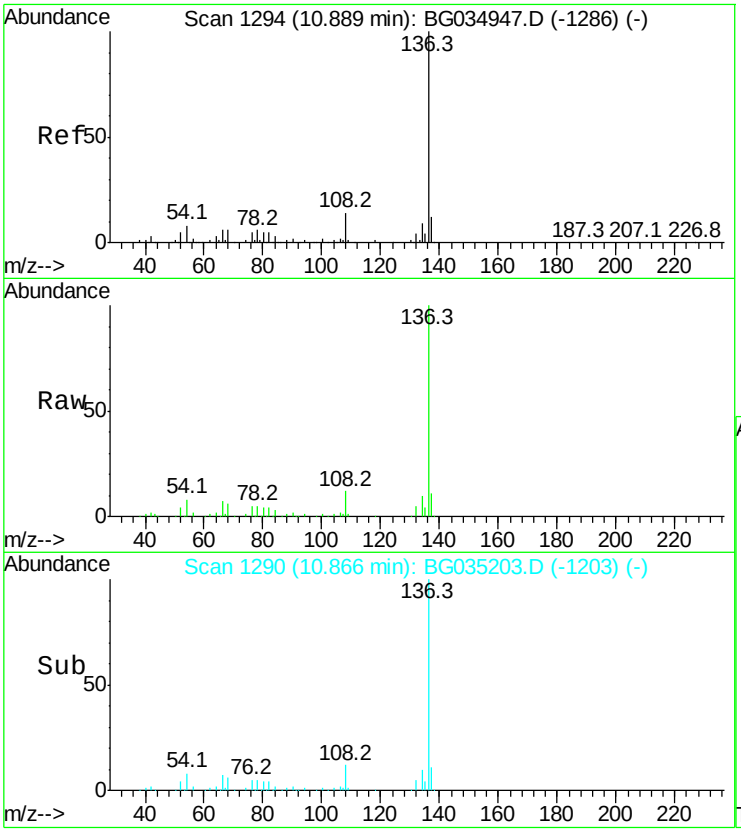


#19
n-Nitroso-di-n-propylamine
Concen: 17.381 ng
RT: 9.22 min Scan# 1010
Delta R.T. 0.34 min
Lab File: BG035203.D
Acq: 16 Jun 2018 11:48

Tgt Ion: 70 Resp: 59923

Ion	Ratio	Lower	Upper
70	100		
42	33.6	49.1	73.7#
101	0.0	8.5	12.7#
130	2.2	13.4	20.0#



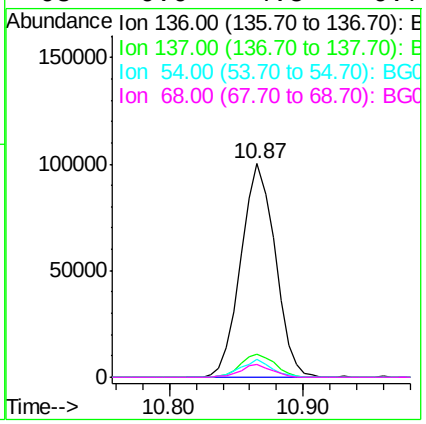


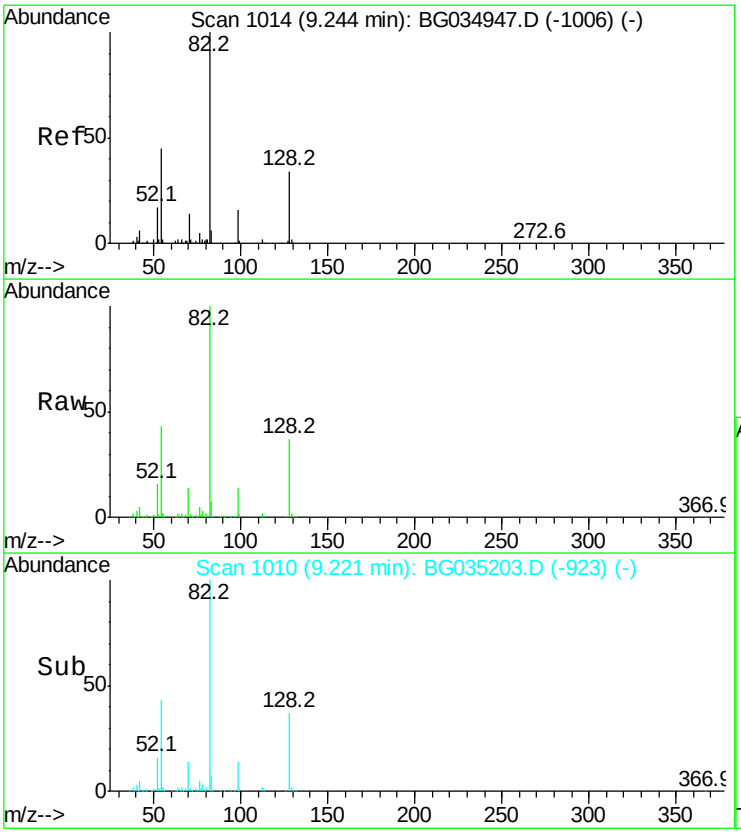
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BG035203.D
Acq: 16 Jun 2018 11:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 177617

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	8.3	10.3	15.5#
68	6.0	4.5	6.7

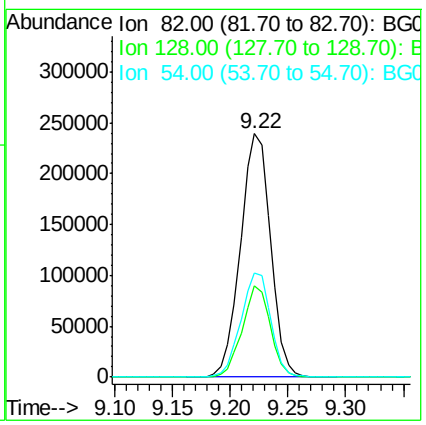


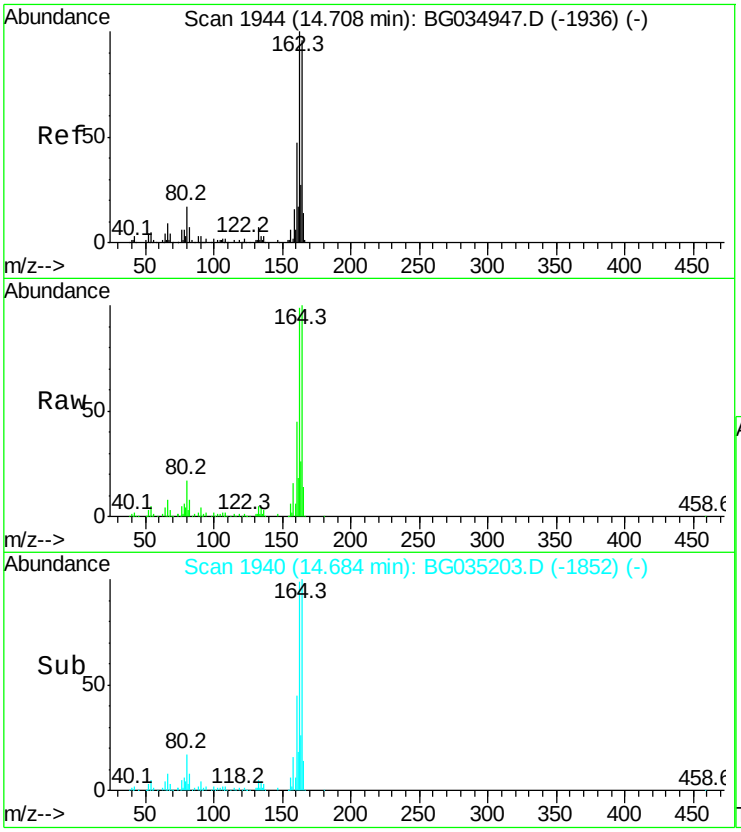


#23
Nitrobenzene-d5
Concen: 116.159 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BG035203.D
Acq: 16 Jun 2018 11:48

Tgt Ion: 82 Resp: 434039

Ion	Ratio	Lower	Upper
82	100		
128	37.3	29.7	44.5
54	42.7	43.1	64.7#



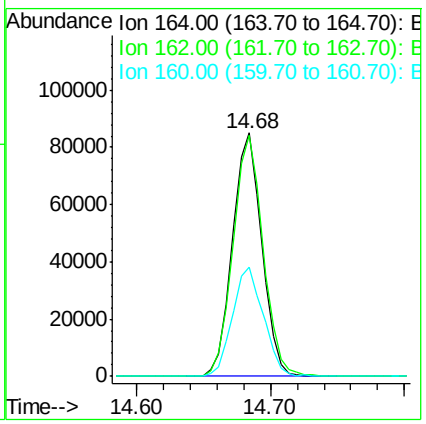


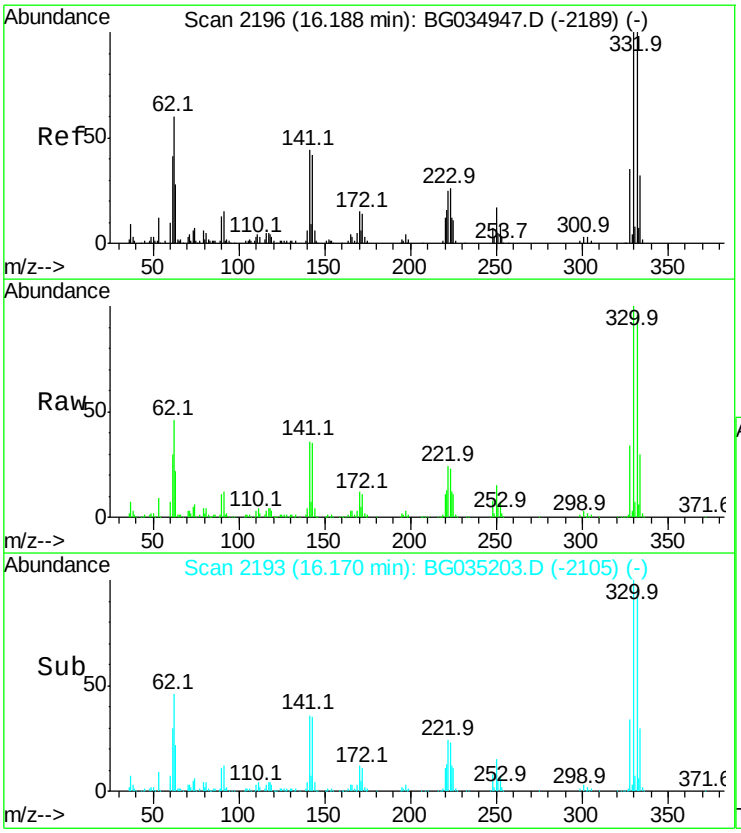
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG035203.D
Acq: 16 Jun 2018 11:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 129412

Ion	Ratio	Lower	Upper
164	100		
162	99.2	78.8	118.2
160	44.8	35.4	53.0

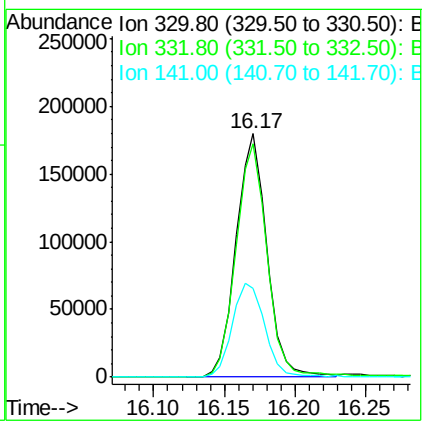


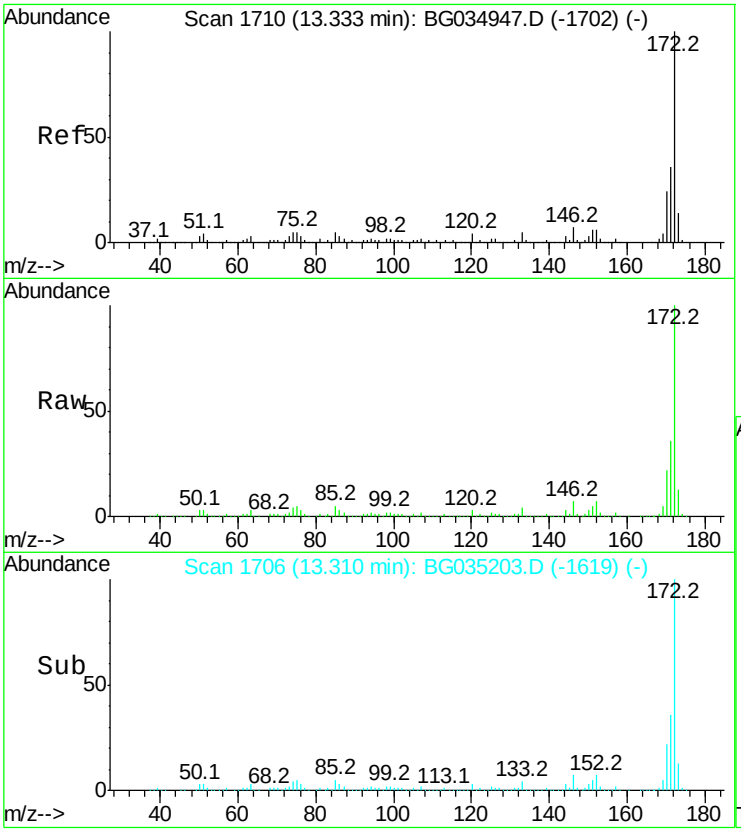


#41
2,4,6-Tribromophenol
Concen: 165.239 ng
RT: 16.17 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BG035203.D
Acq: 16 Jun 2018 11:48

Tgt Ion:330 Resp: 273741

Ion	Ratio	Lower	Upper
330	100		
332	98.3	77.0	115.6
141	40.7	25.2	37.8#



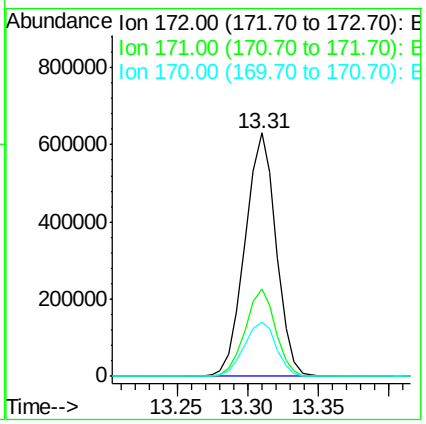


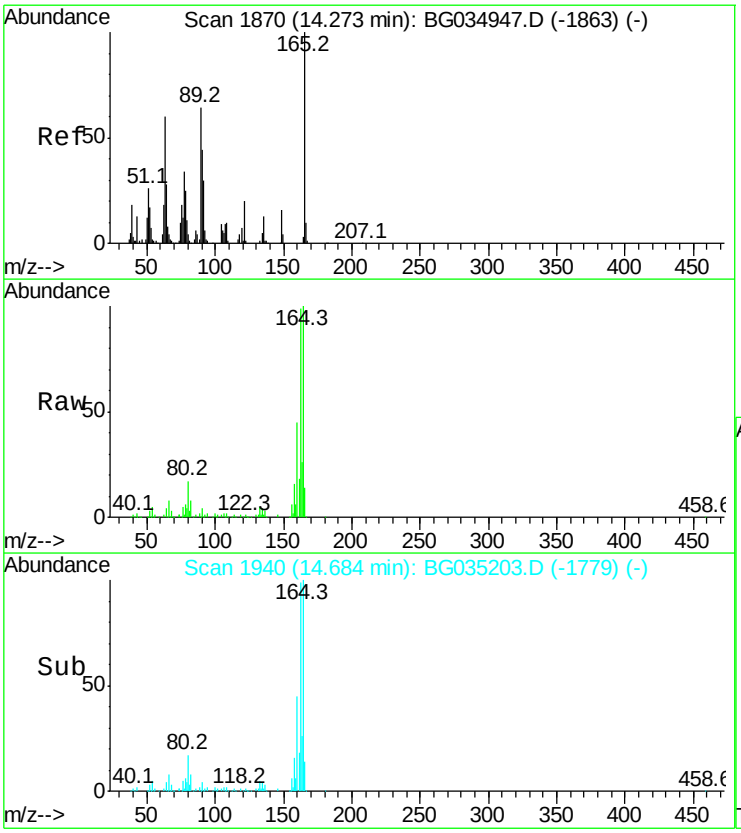
#44
2-Fluorobiphenyl
Concen: 98.096 ng
RT: 13.31 min Scan# 1706
Delta R.T. -0.02 min
Lab File: BG035203.D
Acq: 16 Jun 2018 11:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 976526

Ion	Ratio	Lower	Upper
172	100		
171	35.9	30.0	45.0
170	22.3	19.5	29.3

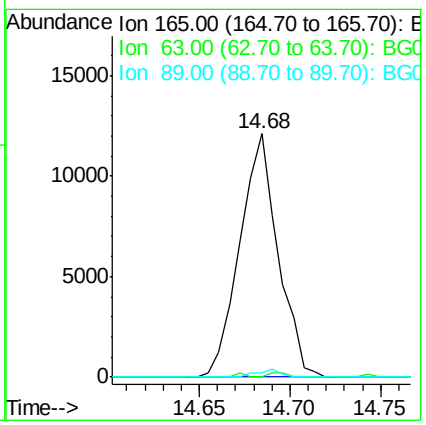


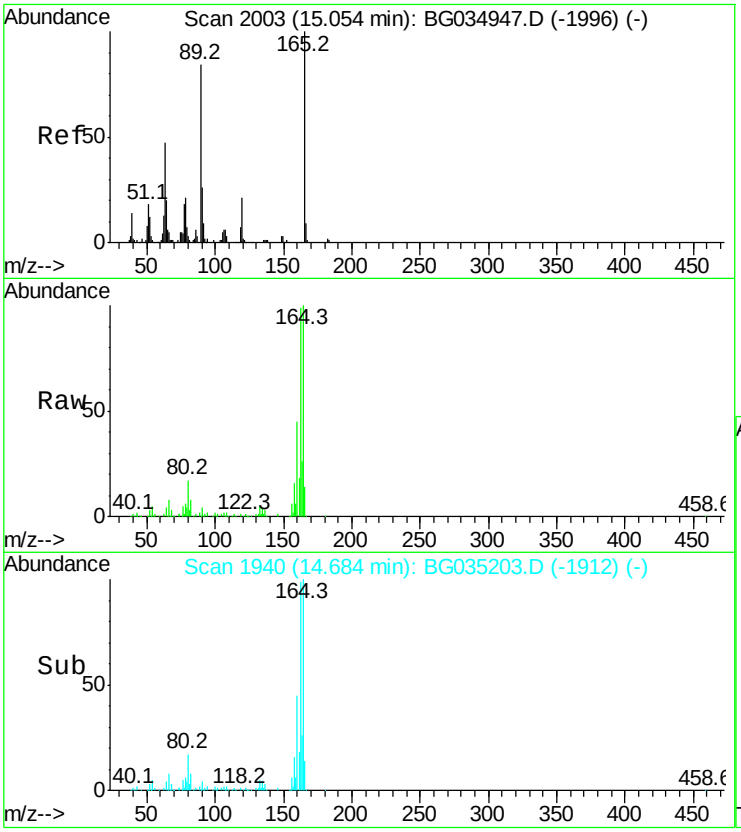


#50
2,6-Dinitrotoluene
Concen: 8.606 ng
RT: 14.68 min Scan# 1940
Delta R.T. 0.42 min
Lab File: BG035203.D
Acq: 16 Jun 2018 11:48

Tgt Ion:165 Resp: 17717

Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	1.8	49.2	73.8#



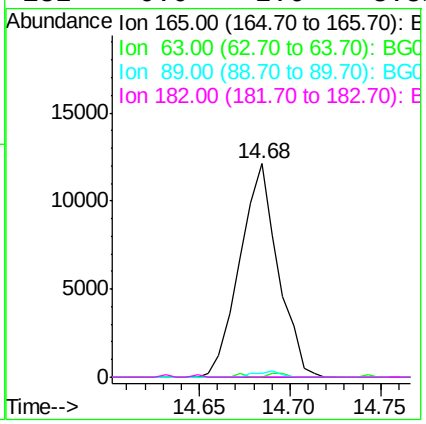


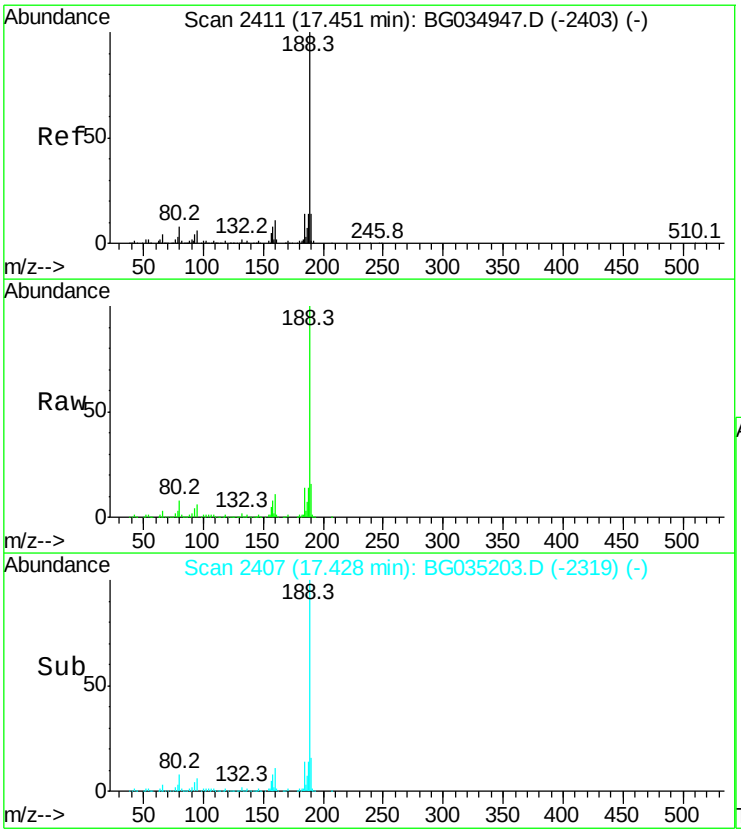
#56
2,4-Dinitrotoluene
Concen: 6.478 ng
RT: 14.68 min Scan# 1940
Delta R.T. -0.36 min
Lab File: BG035203.D
Acq: 16 Jun 2018 11:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 17717

Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	1.8	66.9	100.3#
182	0.0	2.6	3.8#

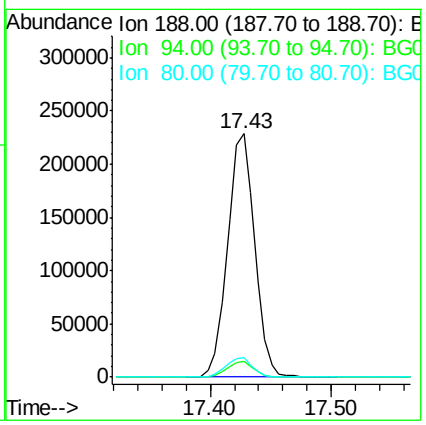


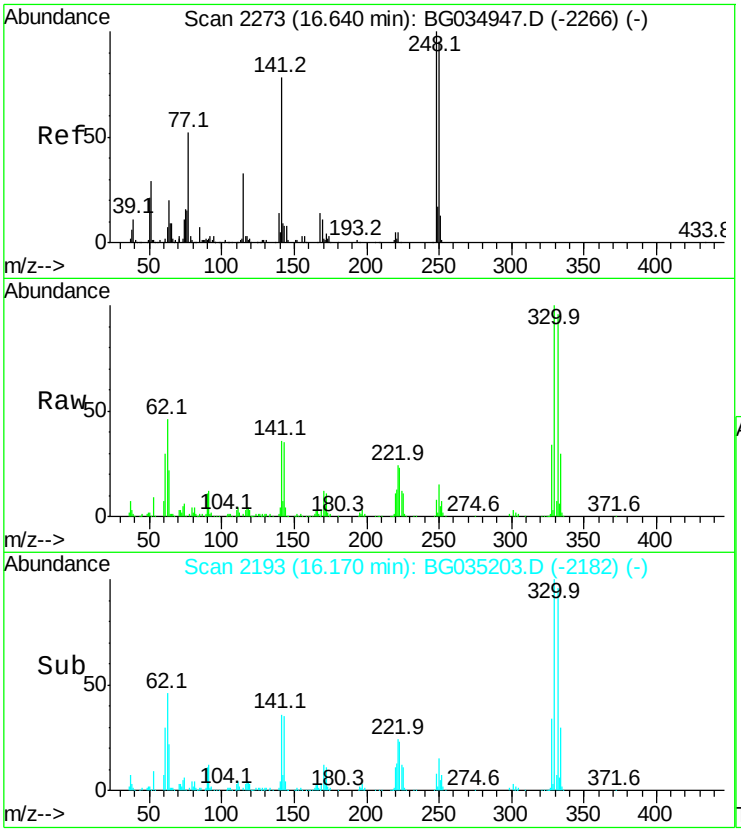


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BG035203.D
Acq: 16 Jun 2018 11:48

Tgt Ion:188 Resp: 357479

Ion	Ratio	Lower	Upper
188	100		
94	6.5	6.9	10.3#
80	8.1	7.7	11.5



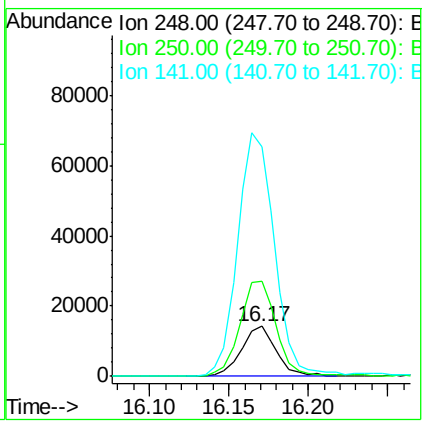


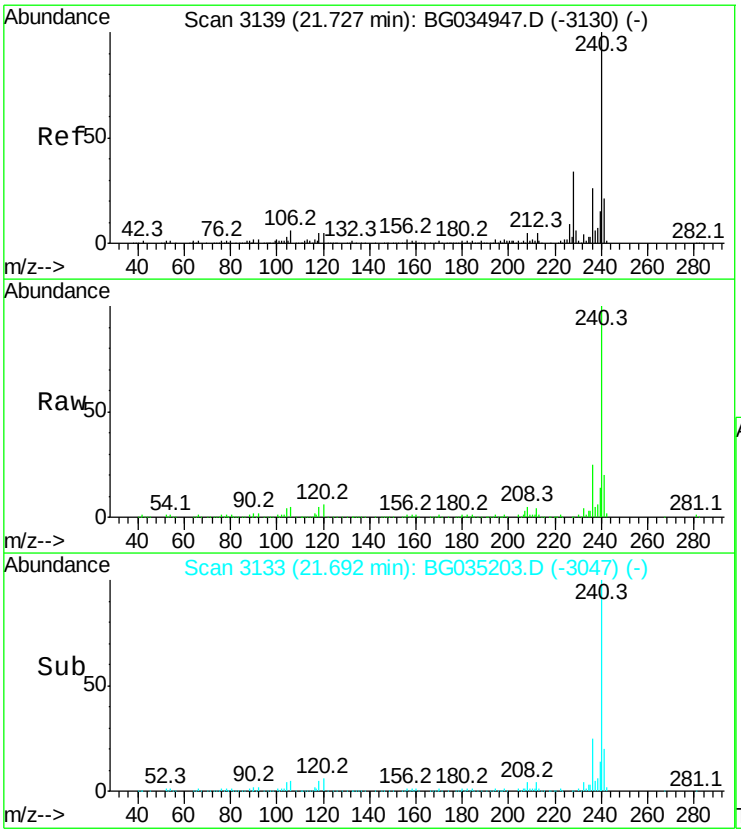
#66
4-Bromophenyl-phenylether
Concen: 4.990 ng
RT: 16.17 min Scan# 2193
Delta R.T. -0.46 min
Lab File: BG035203.D
Acq: 16 Jun 2018 11:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 21481

Ion	Ratio	Lower	Upper
248	100		
250	190.2	77.1	115.7#
141	461.3	50.8	76.2#

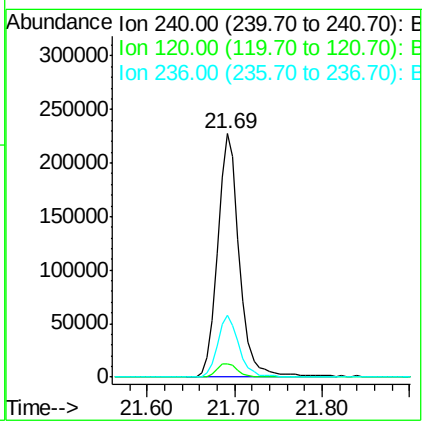


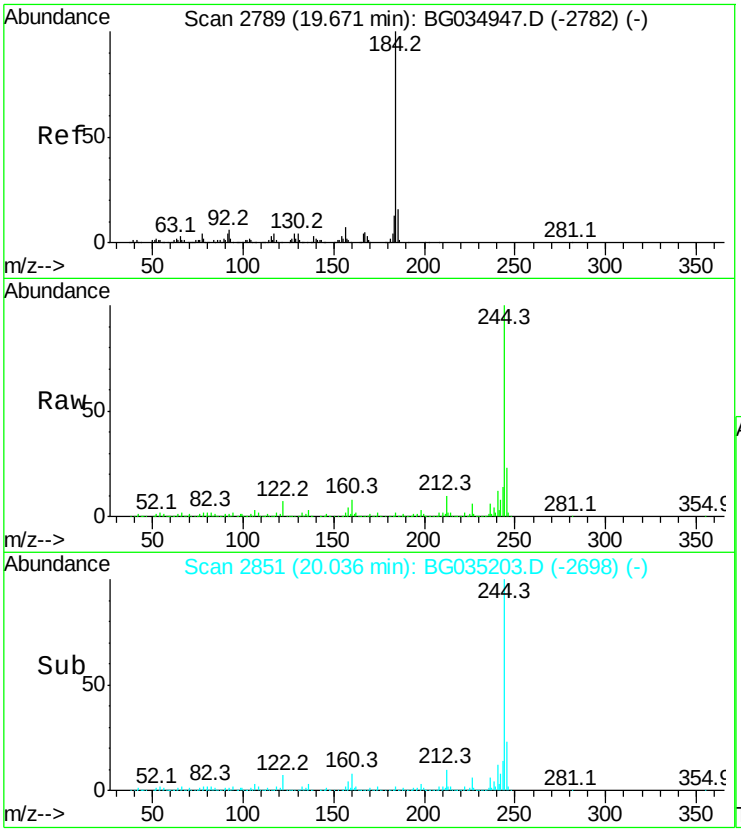


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3133
Delta R.T. -0.02 min
Lab File: BG035203.D
Acq: 16 Jun 2018 11:48

Tgt Ion:240 Resp: 389131

Ion	Ratio	Lower	Upper
240	100		
120	5.6	6.8	10.2#
236	25.3	20.9	31.3



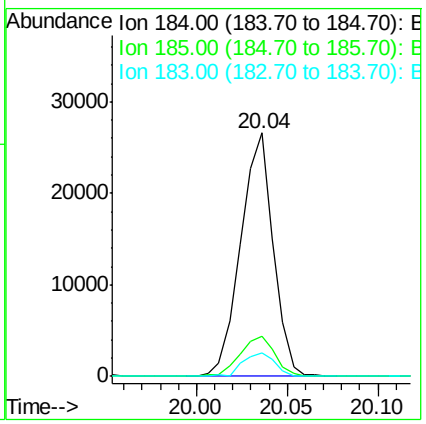


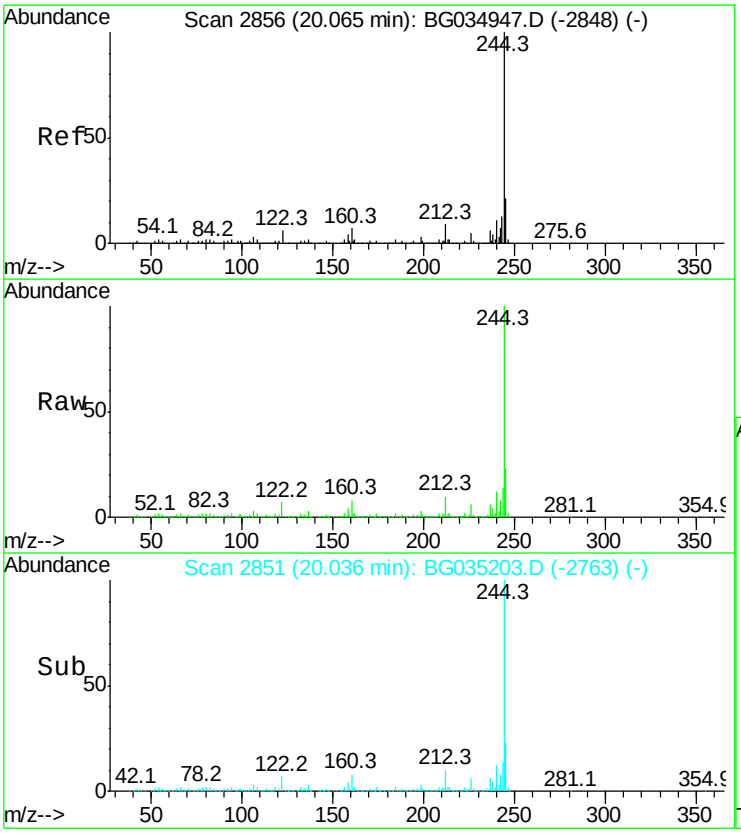
#76
Benzidine
Concen: 2.289 ng
RT: 20.04 min Scan# 2851
Delta R.T. 0.37 min
Lab File: BG035203.D
Acq: 16 Jun 2018 11:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 33140

Ion	Ratio	Lower	Upper
184	100		
185	16.4	11.1	16.7
183	9.6	10.6	16.0#

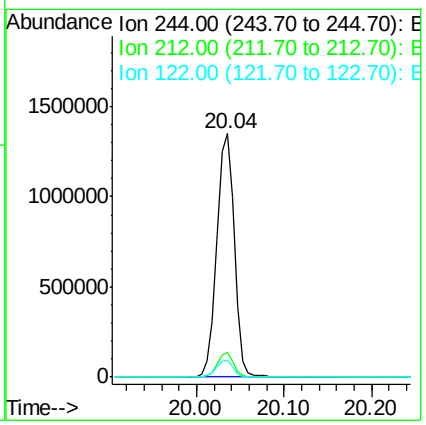


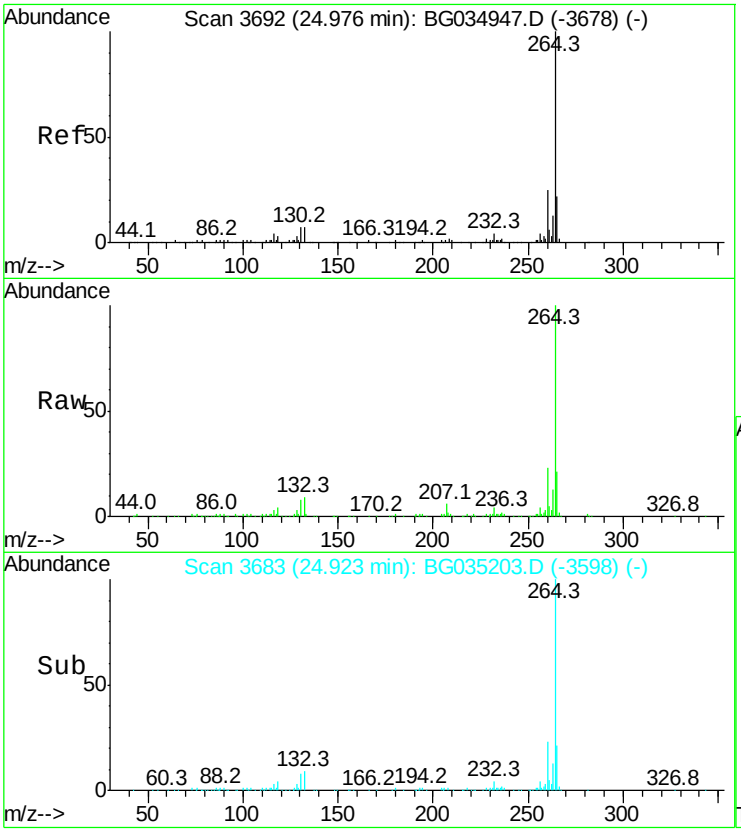


#78
Terphenyl-d14
Concen: 101.696 ng
RT: 20.04 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BG035203.D
Acq: 16 Jun 2018 11:48

Tgt Ion:244 Resp: 1889231

Ion	Ratio	Lower	Upper
244	100		
212	9.9	5.8	8.8#
122	6.8	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: BG035203.D
Acq: 16 Jun 2018 11:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 325151

Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.4	26.0
265	21.2	17.7	26.5