Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071918\
Data File : BG035767.D
Acq On : 20 Jul 2018 2:37
Operator : JU/SJ
Sample : J4035-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-3

Quant Time: Jul 20 03:32:53 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 18 17:45:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	46141	20.00	ng	-0.01
21) Naphthalene-d8	10.84	136	153613	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	101245	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	283843	20.00	ng	0.00
75) Chrysene-d12	21.66	240	340018	20.00	ng	-0.02
86) Perylene-d12	24.86	264	324555	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	344321	123.89	ng	0.00
7) Phenol-d6	7.20	99	444067	107.09	ng	0.00
23) Nitrobenzene-d5	9.19	82	352156	95.77	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	221826	166.23	ng	-0.01
44) 2-Fluorobiphenyl	13.27	172	778769	103.05	ng	-0.01
78) Terphenyl-d14	20.00	244	1682275	109.06	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.19	70	47386	13.571	ng	# 66
50) 2,6-Dinitrotoluene	14.65	165	14588	8.076	ng	# 20
56) 2,4-Dinitrotoluene	14.65	165	14588	5.629	ng	# 17
66) 4-Bromophenyl-phenylether	16.14	248	19272	5.852	ng	# 1
76) Benzidine	20.00	184	29352	3.284	ng	# 93

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

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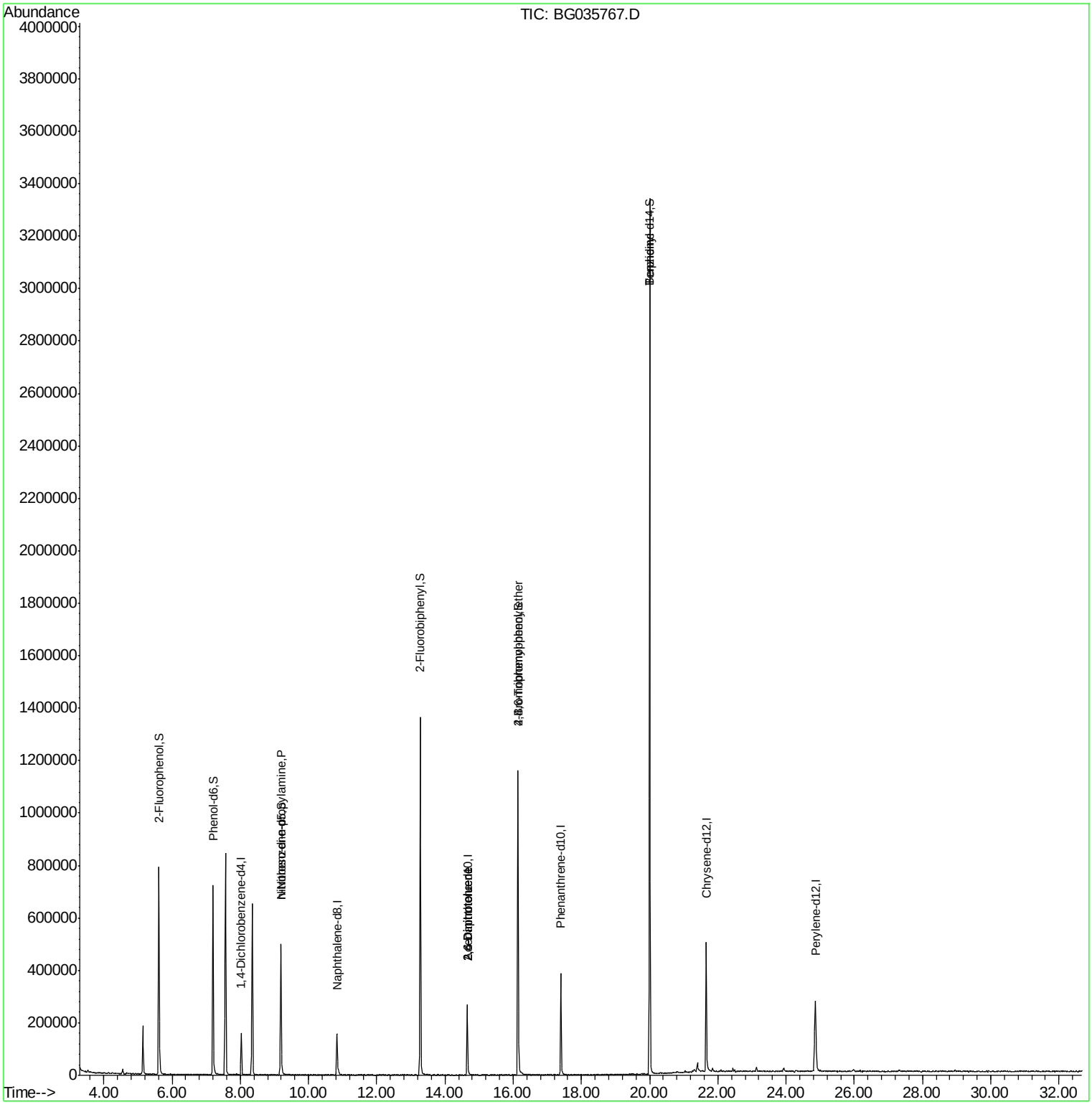
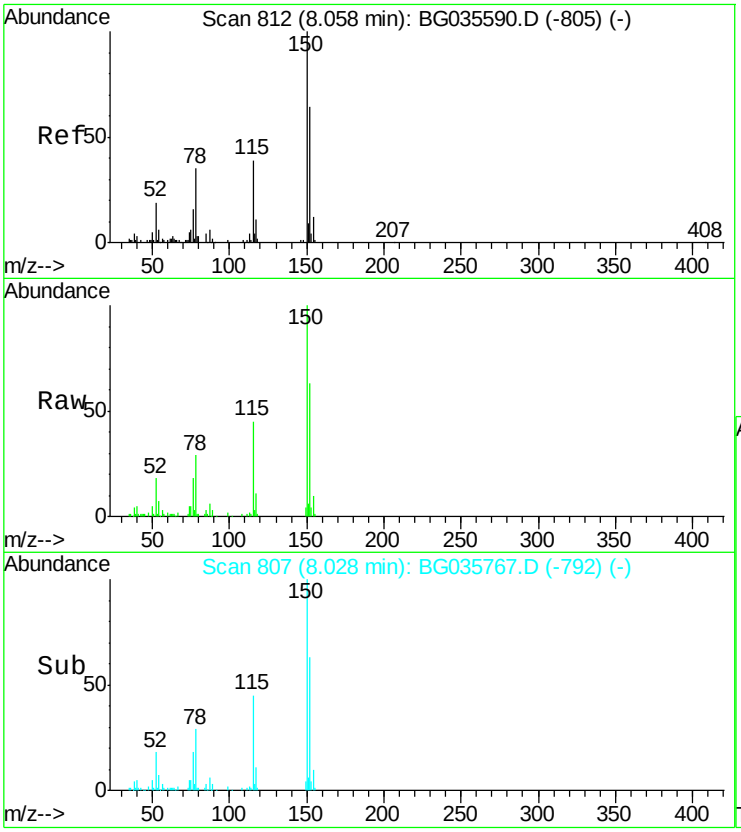


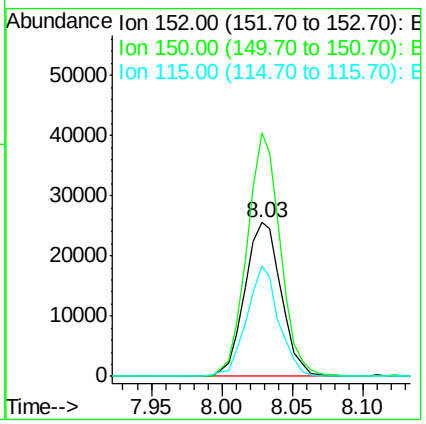


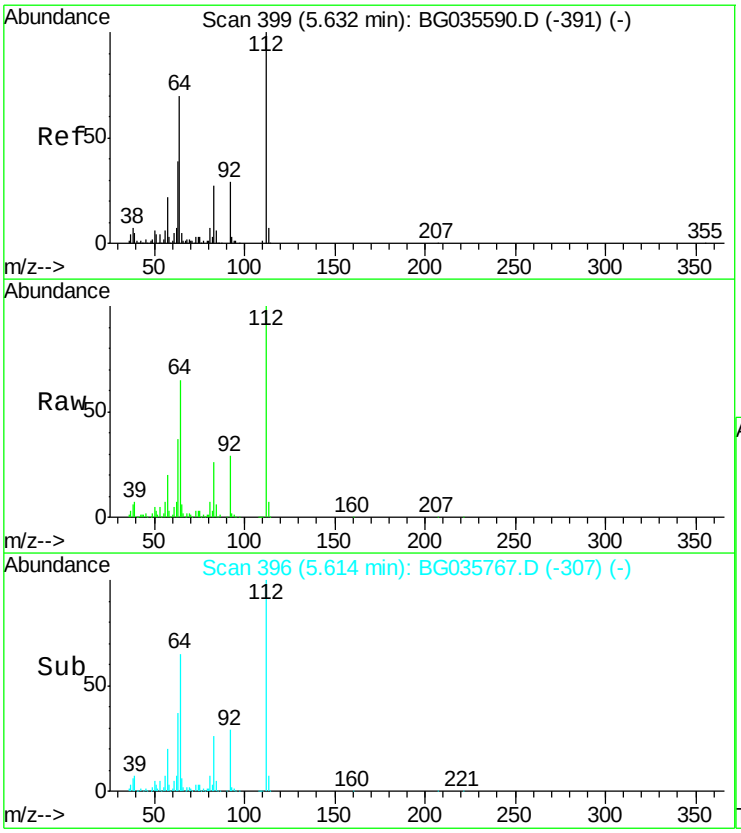
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. -0.01 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Instrument :
BNA_G
ClientSampleId :
MH-3

Tgt Ion:152 Resp: 46141

Ion	Ratio	Lower	Upper
152	100		
150	158.3	126.6	189.8
115	71.5	53.0	79.4

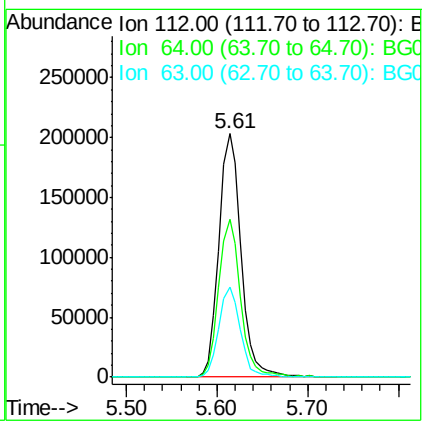


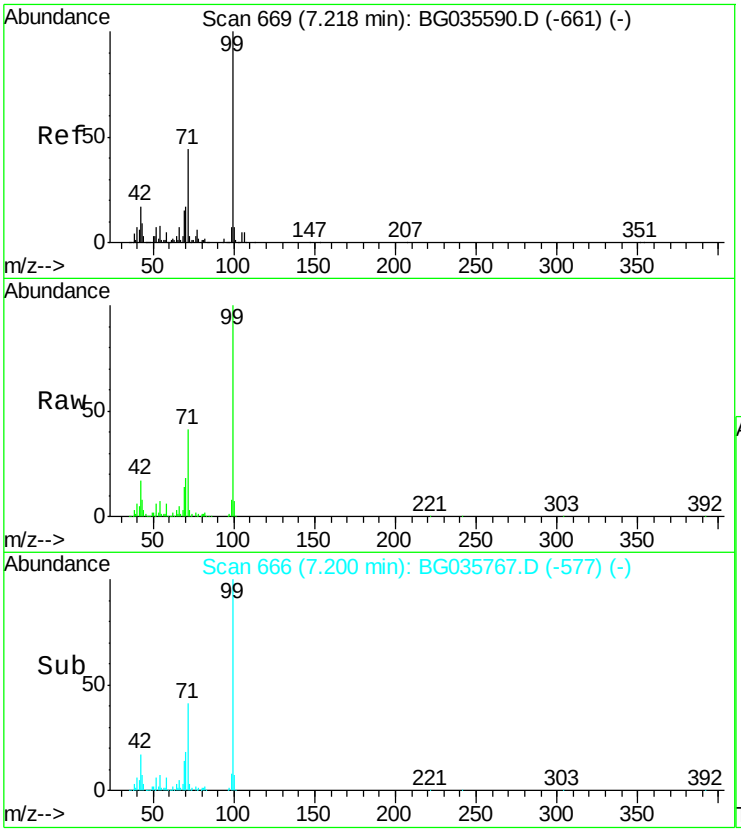


#5
2-Fluorophenol
Concen: 123.893 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.01 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Tgt Ion:112 Resp: 344321

Ion	Ratio	Lower	Upper
112	100		
64	65.0	56.3	84.5
63	37.0	30.1	45.1



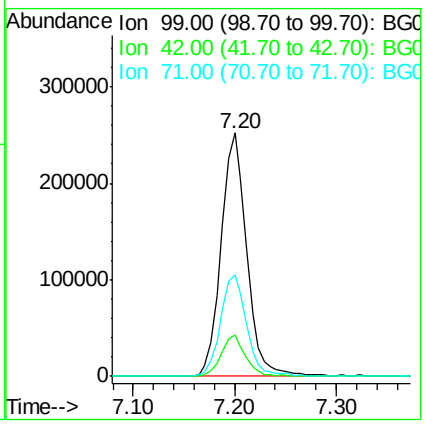


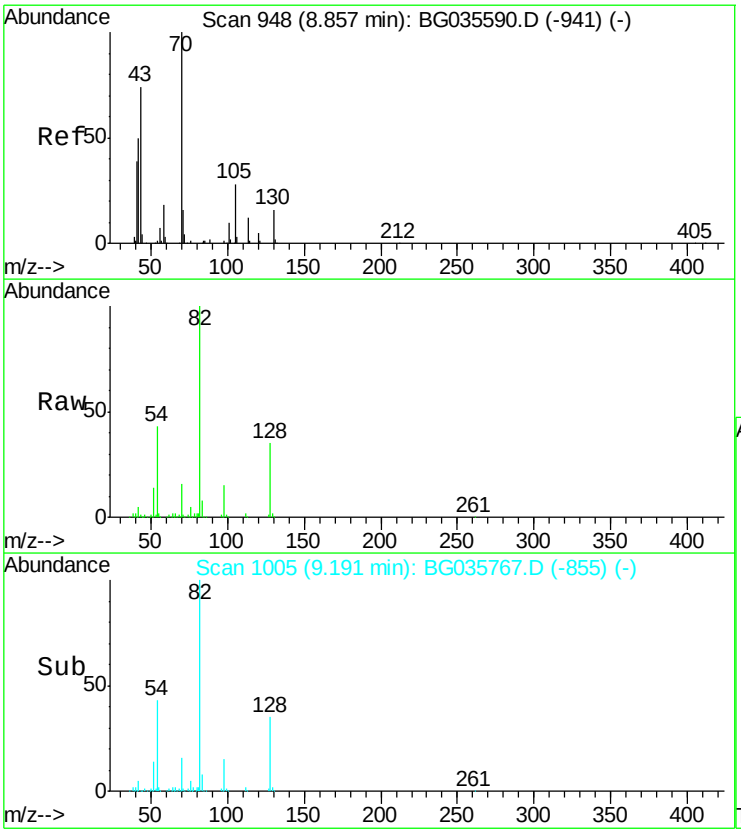
#7
Phenol-d6
Concen: 107.094 ng
RT: 7.20 min Scan# 666
Delta R.T. -0.01 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Instrument :
BNA_G
ClientSampleId :
MH-3

Tgt Ion: 99 Resp: 444067

Ion	Ratio	Lower	Upper
99	100		
42	17.1	14.1	21.1
71	41.5	26.1	39.1#

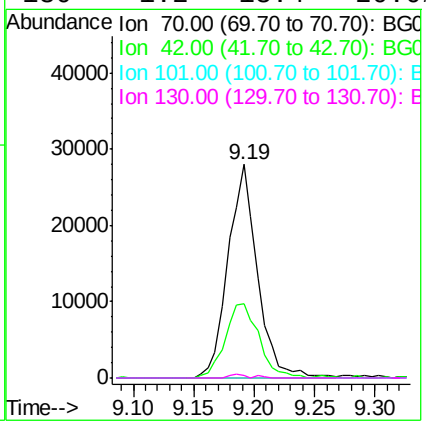


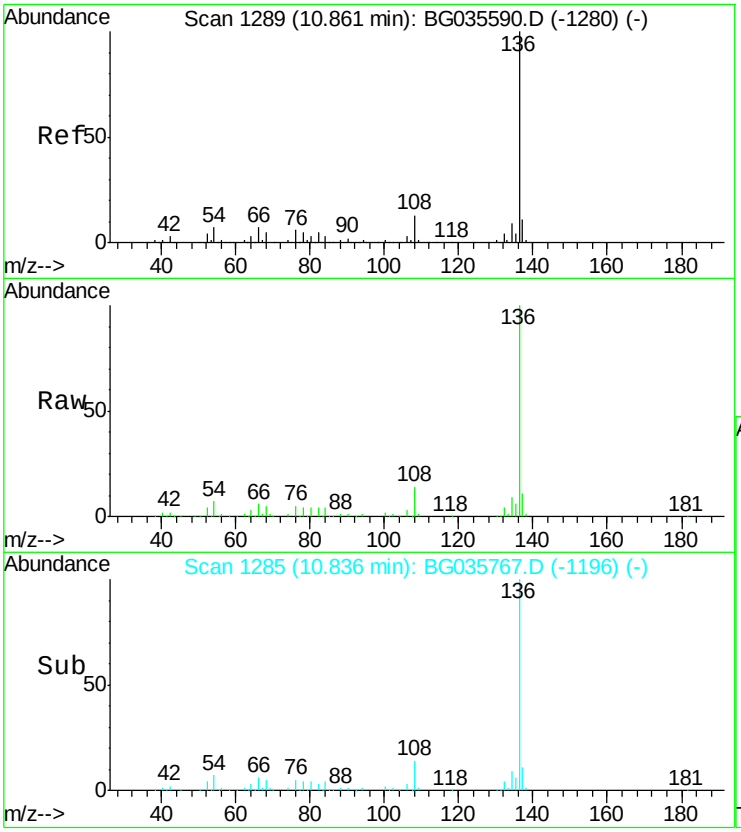


#19
n-Nitroso-di-n-propylamine
Concen: 13.571 ng
RT: 9.19 min Scan# 1005
Delta R.T. 0.35 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Tgt Ion: 70 Resp: 47386

Ion	Ratio	Lower	Upper
70	100		
42	34.6	49.1	73.7#
101	0.0	8.5	12.7#
130	1.2	13.4	20.0#



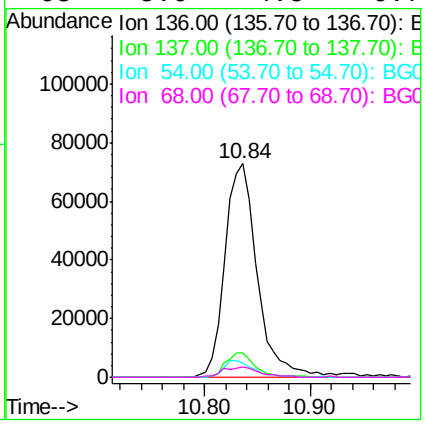


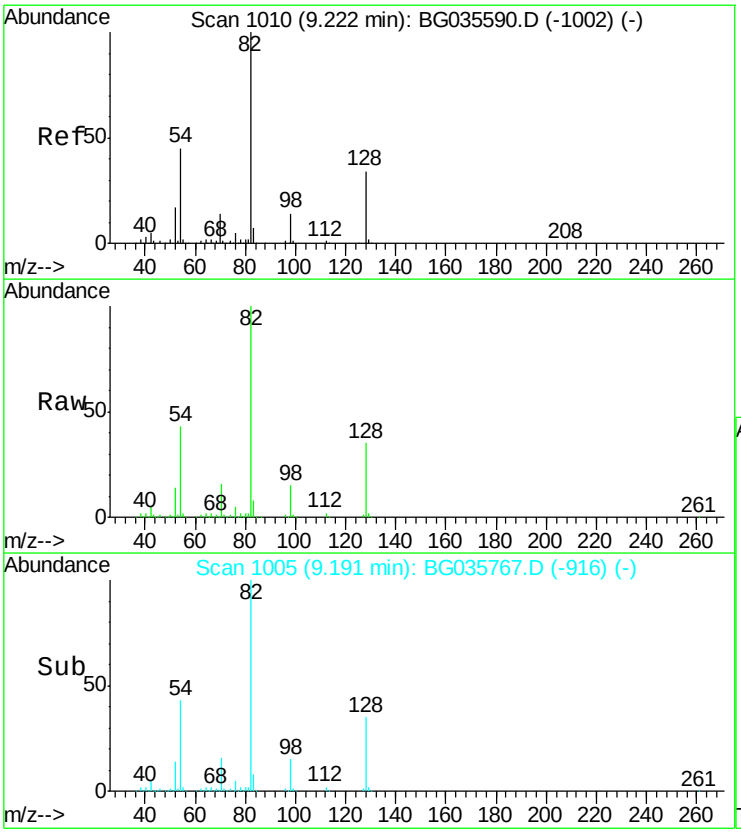
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Instrument :
BNA_G
ClientSampleId :
MH-3

Tgt Ion:136 Resp: 153613

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	6.6	10.3	15.5#
68	5.0	4.5	6.7

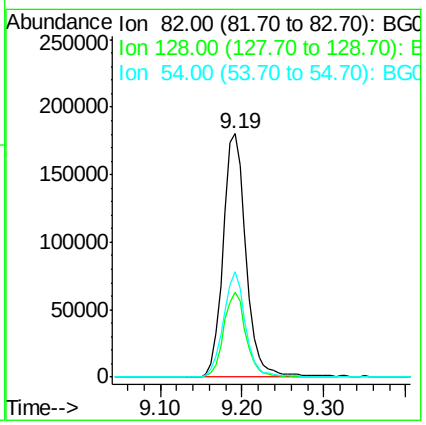


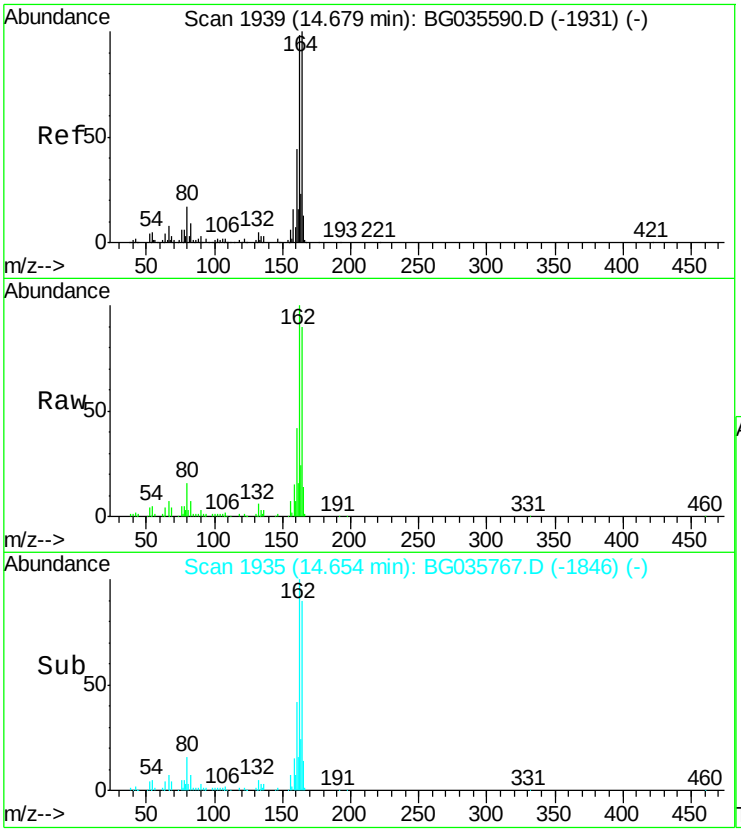


#23
Nitrobenzene-d5
Concen: 95.768 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Tgt Ion: 82 Resp: 352156

Ion	Ratio	Lower	Upper
82	100		
128	34.9	29.7	44.5
54	43.1	43.1	64.7#



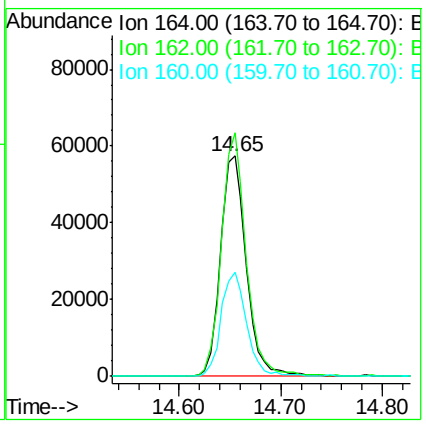


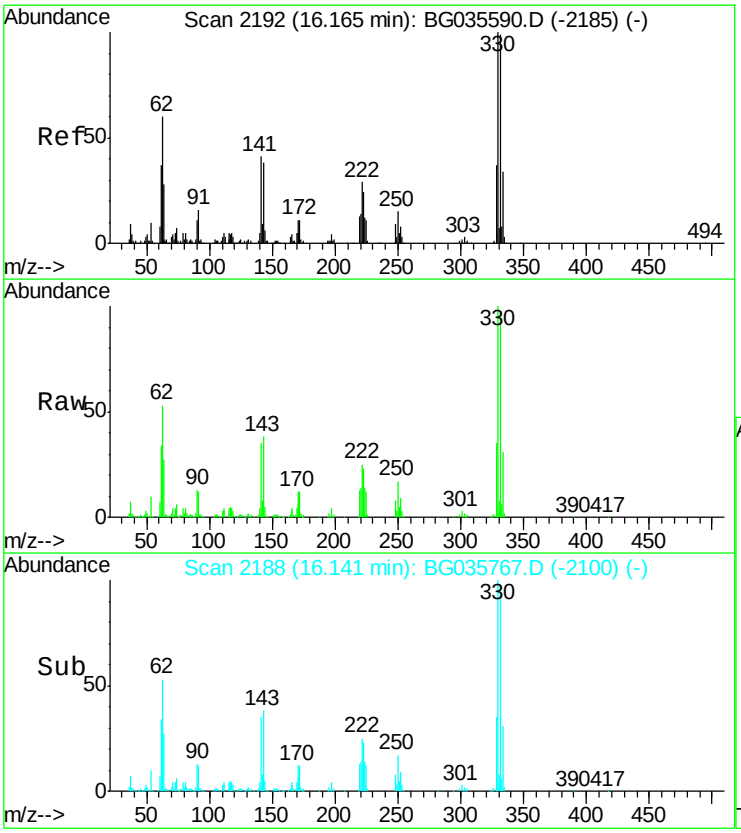
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1935
Delta R.T. -0.01 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Instrument :
BNA_G
ClientSampleId :
MH-3

Tgt Ion:164 Resp: 101245

Ion	Ratio	Lower	Upper
164	100		
162	110.7	78.8	118.2
160	47.0	35.4	53.0

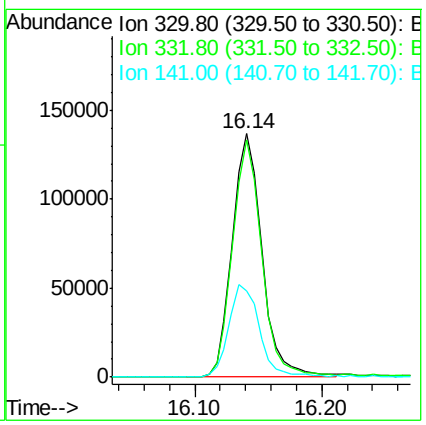


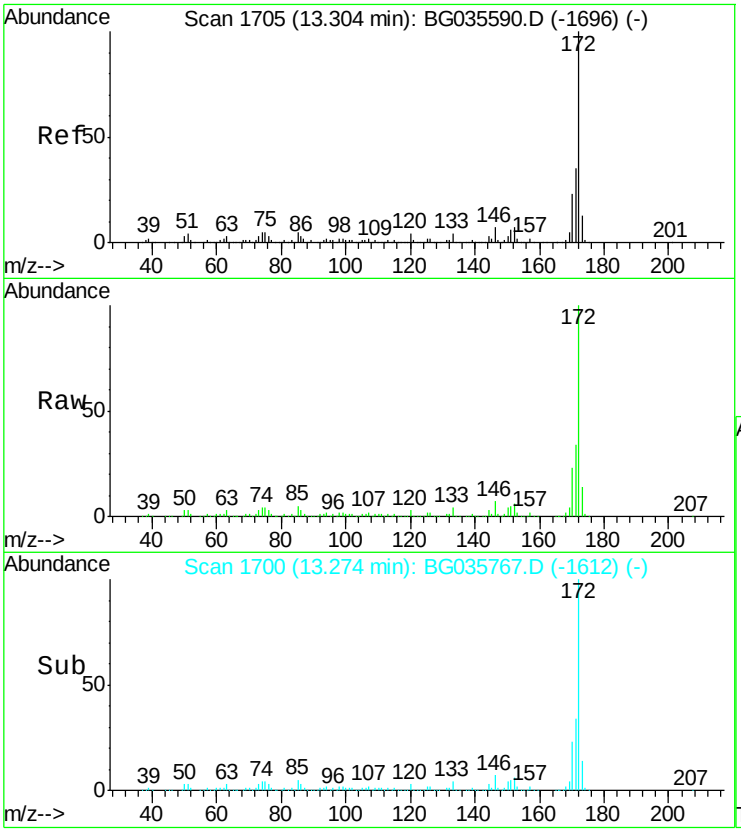


#41
2,4,6-Tribromophenol
Concen: 166.227 ng
RT: 16.14 min Scan# 2188
Delta R.T. -0.01 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Tgt Ion:330 Resp: 221826

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	39.2	25.2	37.8#



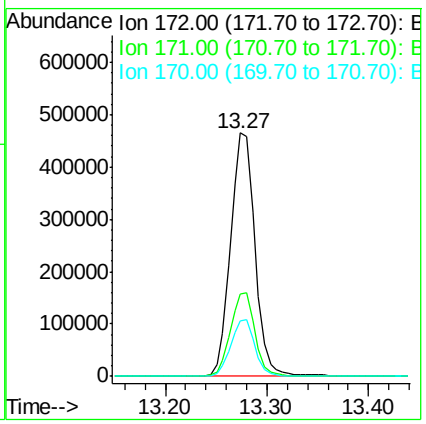


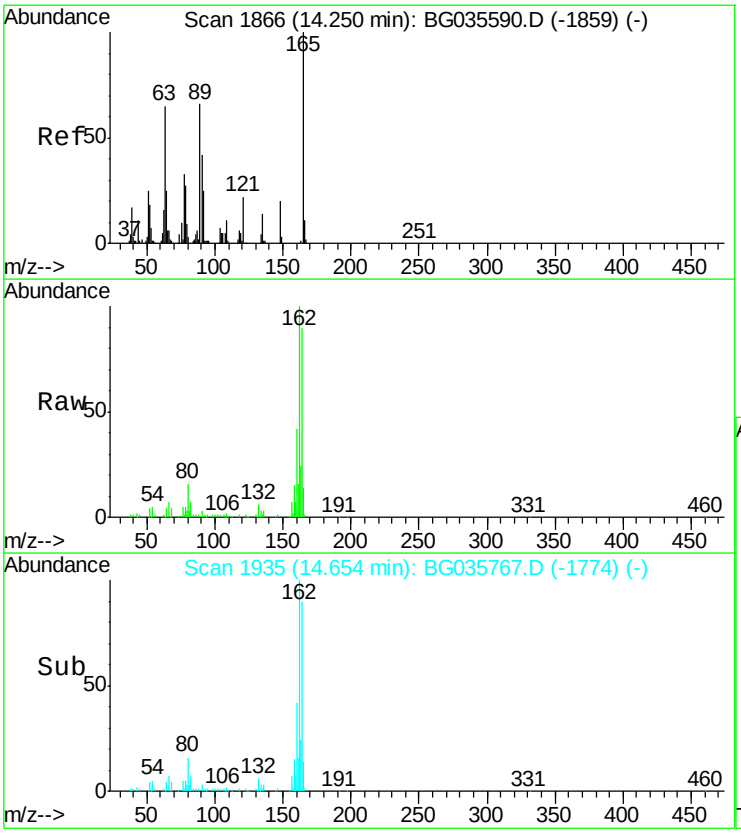
#44
2-Fluorobiphenyl
Concen: 103.052 ng
RT: 13.27 min Scan# 1700
Delta R.T. -0.01 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Instrument :
BNA_G
ClientSampleId :
MH-3

Tgt Ion:172 Resp: 778769

Ion	Ratio	Lower	Upper
172	100		
171	34.0	30.0	45.0
170	22.9	19.5	29.3

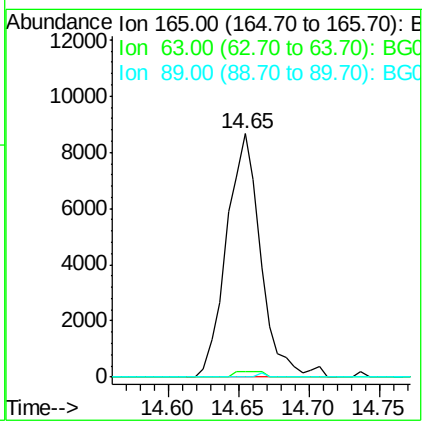


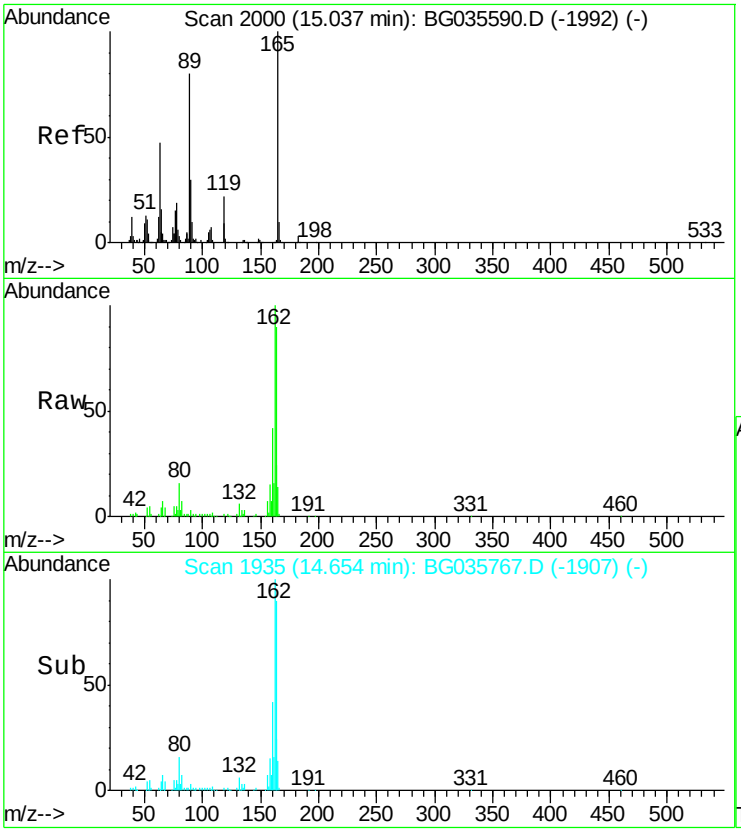


#50
2,6-Dinitrotoluene
Concen: 8.076 ng
RT: 14.65 min Scan# 1935
Delta R.T. 0.42 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Tgt Ion:165 Resp: 14588

Ion	Ratio	Lower	Upper
165	100		
63	2.0	52.7	79.1#
89	0.0	49.2	73.8#



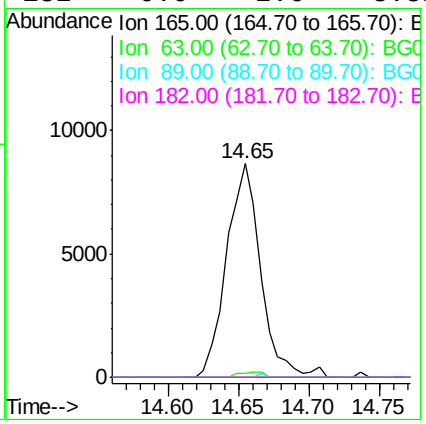


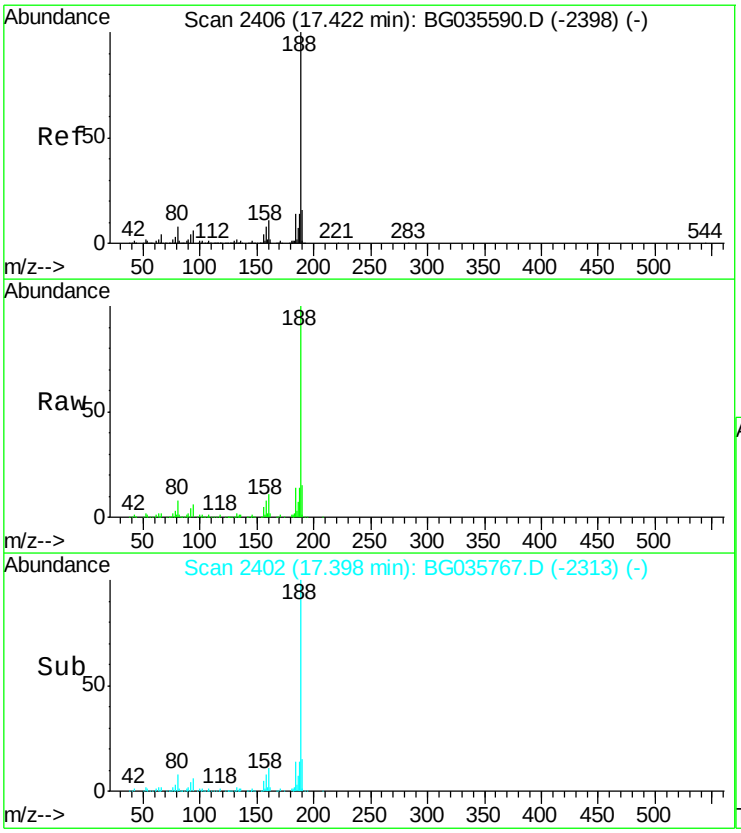
#56
2,4-Dinitrotoluene
Concen: 5.629 ng
RT: 14.65 min Scan# 1935
Delta R.T. -0.36 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Instrument :
BNA_G
ClientSampleId :
MH-3

Tgt Ion:165 Resp: 14588

Ion	Ratio	Lower	Upper
165	100		
63	2.0	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#

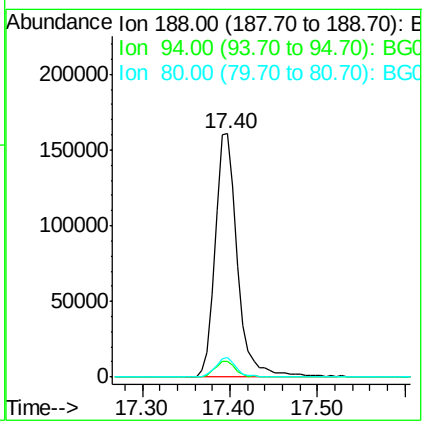


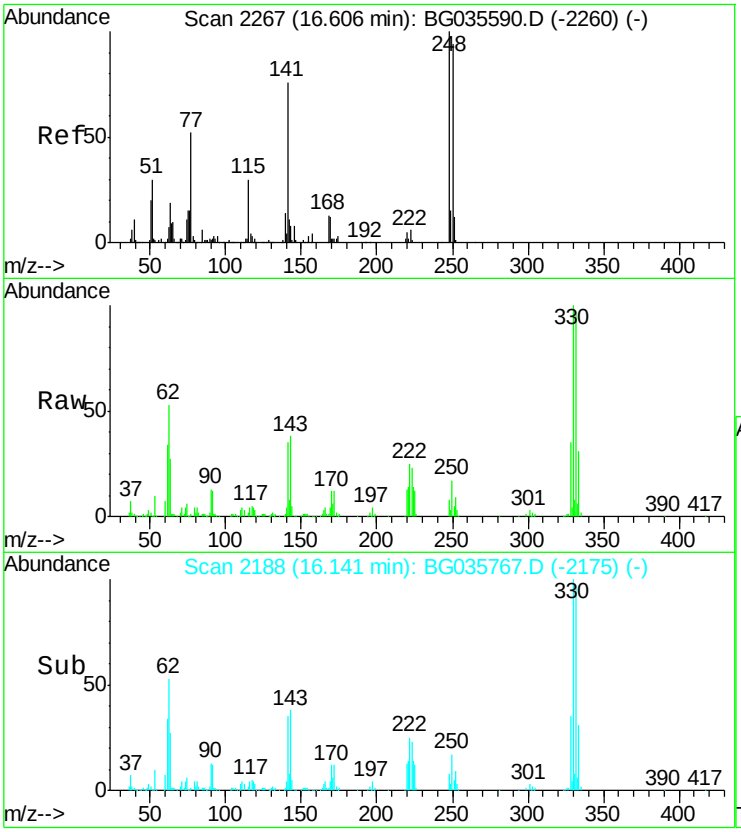


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2402
Delta R.T. -0.01 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Tgt Ion:188 Resp: 283843

Ion	Ratio	Lower	Upper
188	100		
94	6.2	6.9	10.3#
80	8.3	7.7	11.5



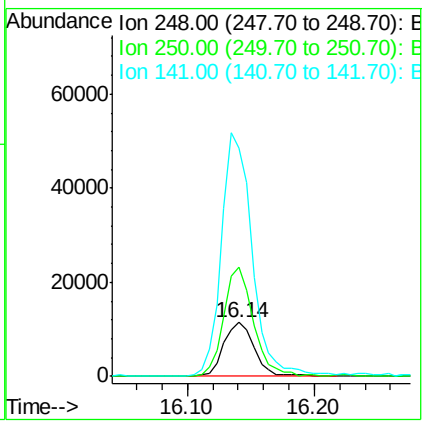


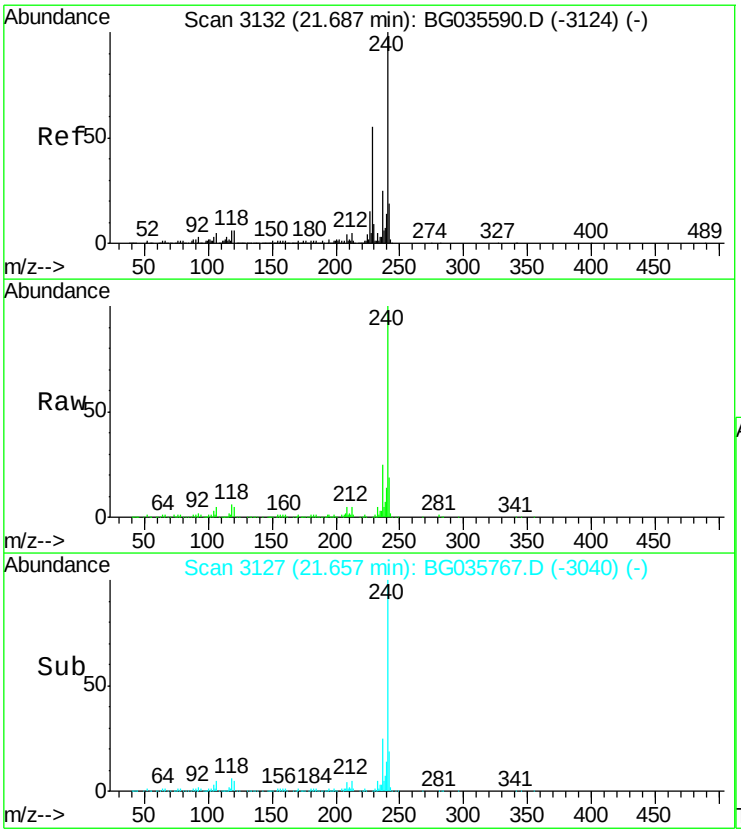
#66
4-Bromophenyl-phenylether
Concen: 5.852 ng
RT: 16.14 min Scan# 2188
Delta R.T. -0.45 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Instrument :
BNA_G
ClientSampleId :
MH-3

Tgt Ion:248 Resp: 19272

Ion	Ratio	Lower	Upper
248	100		
250	202.0	77.1	115.7#
141	423.9	50.8	76.2#

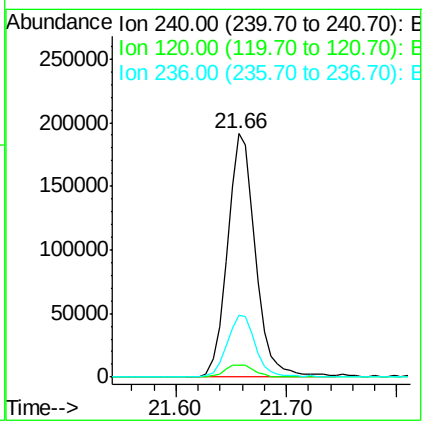


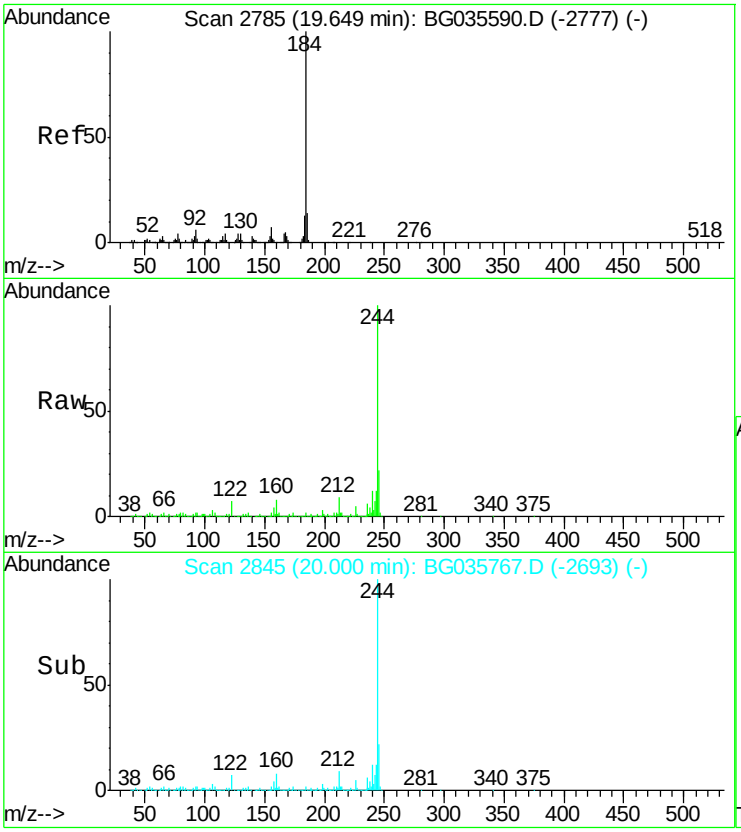


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.02 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Tgt Ion:240 Resp: 340018

Ion	Ratio	Lower	Upper
240	100		
120	4.9	6.8	10.2#
236	25.3	20.9	31.3



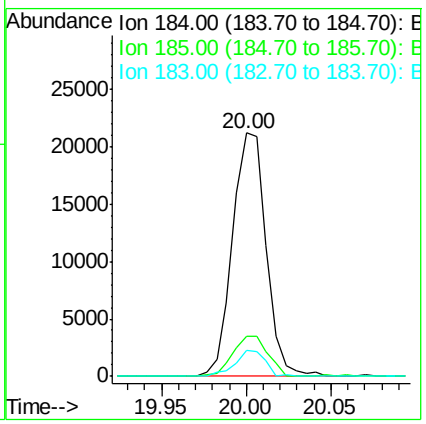


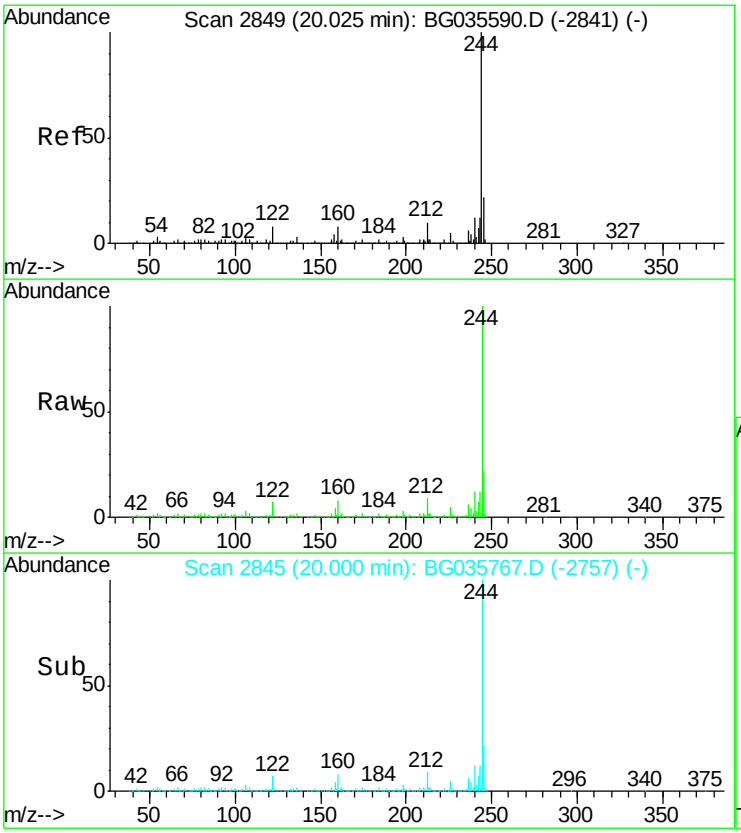
#76
Benzidine
Concen: 3.284 ng
RT: 20.00 min Scan# 2845
Delta R.T. 0.36 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Instrument :
BNA_G
ClientSampleId :
MH-3

Tgt Ion:184 Resp: 29352

Ion	Ratio	Lower	Upper
184	100		
185	16.3	11.1	16.7
183	10.4	10.6	16.0#

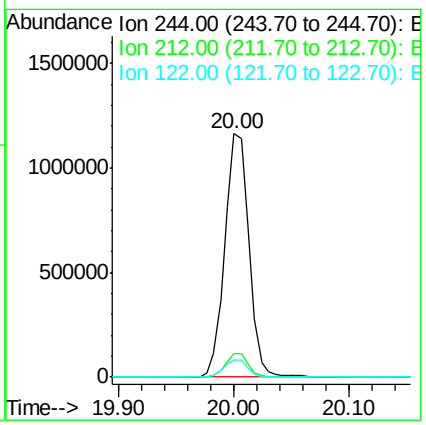


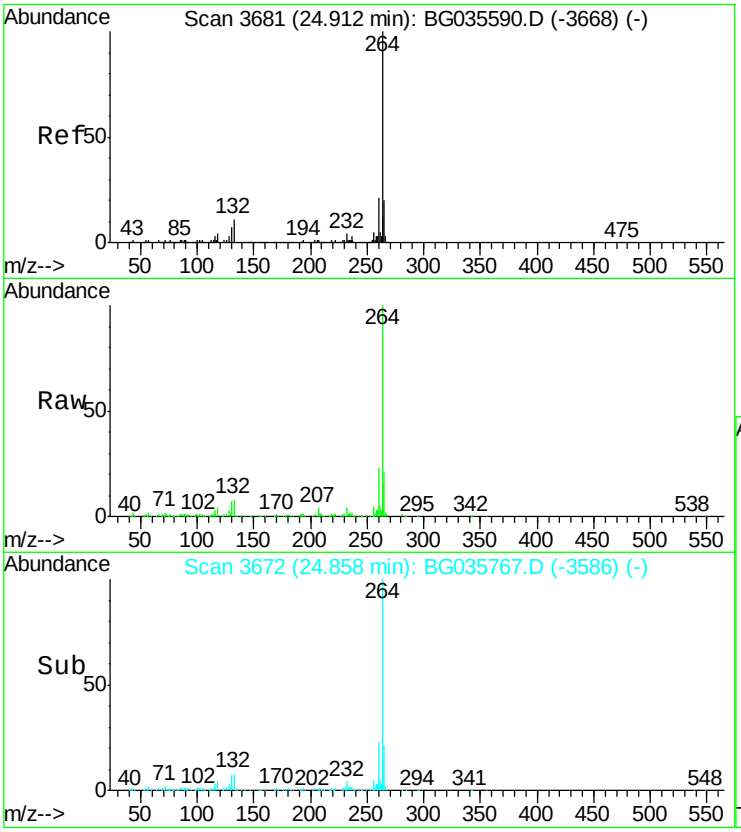


#78
Terphenyl-d14
Concen: 109.060 ng
RT: 20.00 min Scan# 2845
Delta R.T. -0.01 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Tgt Ion:244 Resp: 1682275

Ion	Ratio	Lower	Upper
244	100		
212	9.4	5.8	8.8#
122	7.2	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3672
Delta R.T. -0.02 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Instrument :
BNA_G
ClientSampleId :
MH-3

Tgt Ion:264 Resp: 324555

Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.4	26.0
265	20.6	17.7	26.5