Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071218\
Data File : BG035618.D
Acq On : 13 Jul 2018 6:54
Operator : JU/SJ
Sample : J3825-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CL-02-071118-B

Quant Time: Jul 13 08:10:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 12 14:43:32 2018
Response via : Initial Calibration

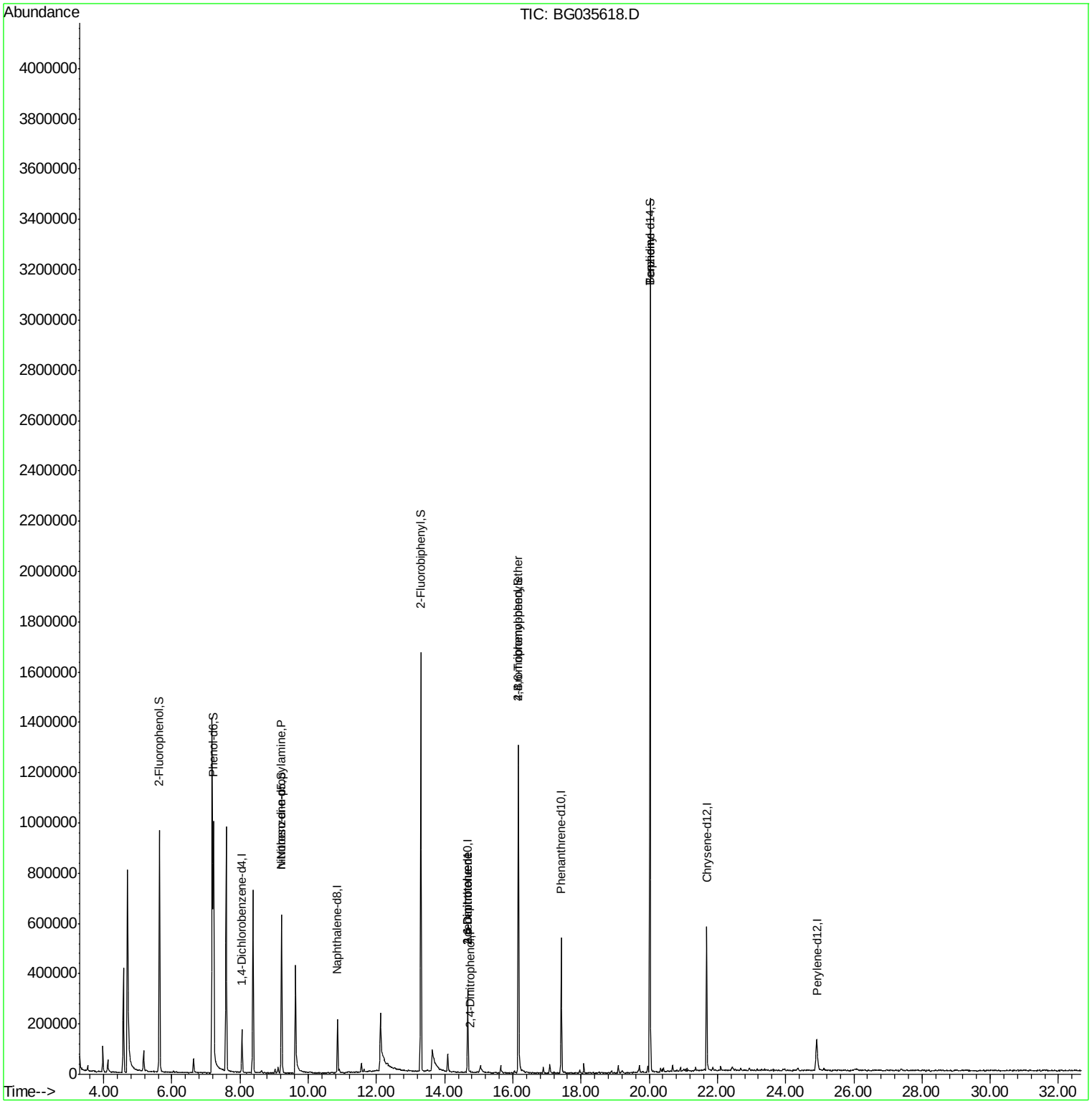
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	47651	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	173141	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	107493	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	332293	20.00	ng	0.00
75) Chrysene-d12	21.68	240	340898	20.00	ng	0.00
86) Perylene-d12	24.91	264	101083	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	395714	137.87	ng	0.00
7) Phenol-d6	7.22	99	481792	112.51	ng	0.00
23) Nitrobenzene-d5	9.22	82	414765	100.07	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	241690	170.59	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	871059	108.56	ng	0.00
78) Terphenyl-d14	20.03	244	1594969	103.13	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.22	70	58092	16.110	ng	# 70
50) 2,6-Dinitrotoluene	14.68	165	14528	7.575	ng	# 24
53) 2,4-Dinitrophenol	14.74	184	81	6.658	ng	# 41
56) 2,4-Dinitrotoluene	14.68	165	14528	5.280	ng	# 22
66) 4-Bromophenyl-phenylether	16.16	248	20082	5.209	ng	# 1
76) Benzidine	20.02	184	31297	3.492	ng	# 89

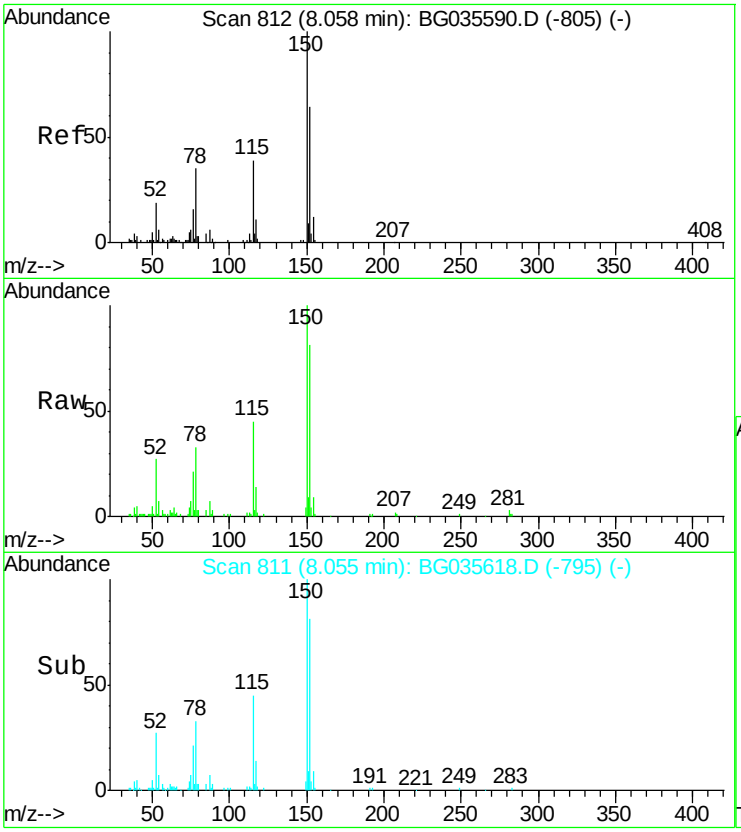
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071218\
Data File : BG035618.D
Acq On : 13 Jul 2018 6:54
Operator : JU/SJ
Sample : J3825-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CL-02-071118-B

Quant Time: Jul 13 08:10:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 12 14:43:32 2018
Response via : Initial Calibration



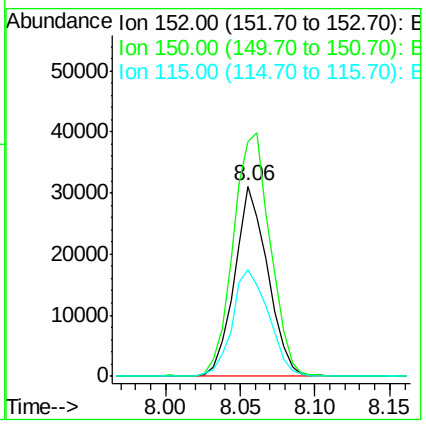


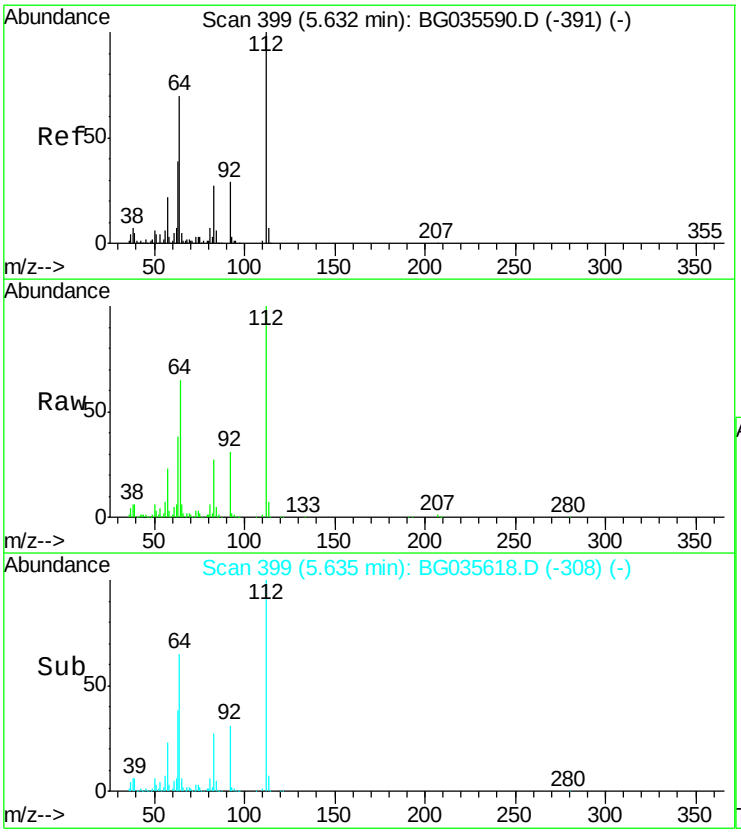
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 811
Delta R.T. -0.00 min
Lab File: BG035618.D
Acq: 13 Jul 2018 6:54

Instrument :
BNA_G
ClientSampleId :
CL-02-071118-B

Tgt Ion:152 Resp: 47651

Ion	Ratio	Lower	Upper
152	100		
150	123.6	126.6	189.8#
115	55.9	53.0	79.4

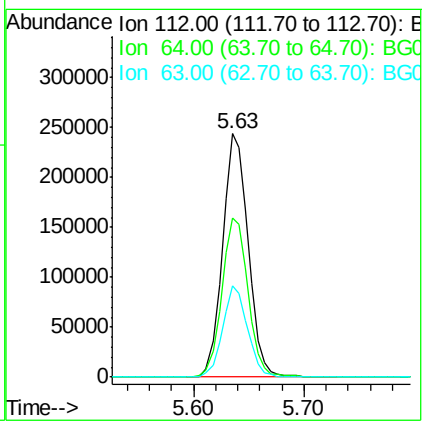


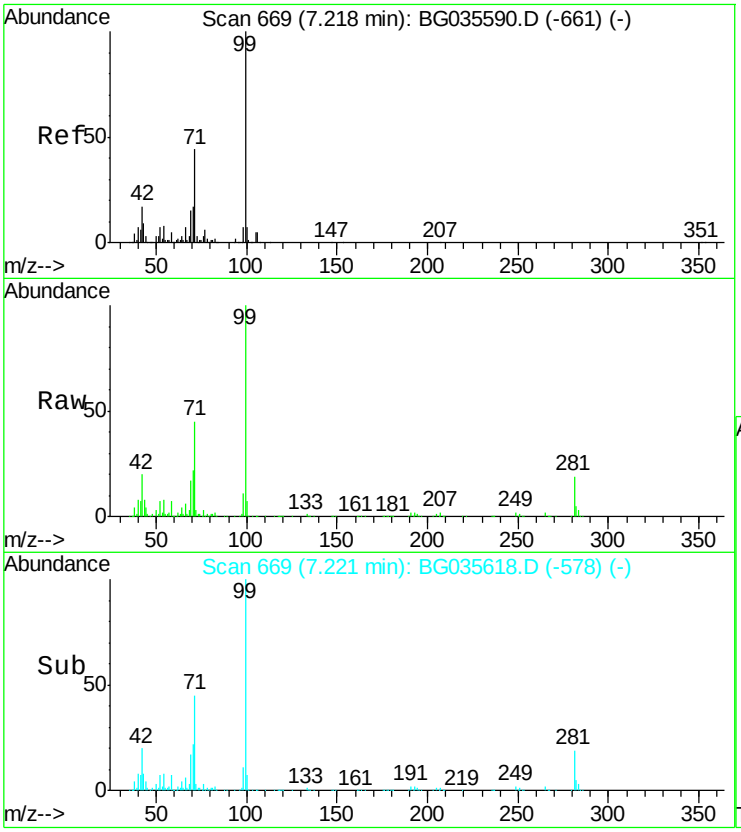


#5
2-Fluorophenol
Concen: 137.873 ng
RT: 5.63 min Scan# 399
Delta R.T. 0.00 min
Lab File: BG035618.D
Acq: 13 Jul 2018 6:54

Tgt Ion:112 Resp: 395714

Ion	Ratio	Lower	Upper
112	100		
64	65.4	56.3	84.5
63	37.7	30.1	45.1



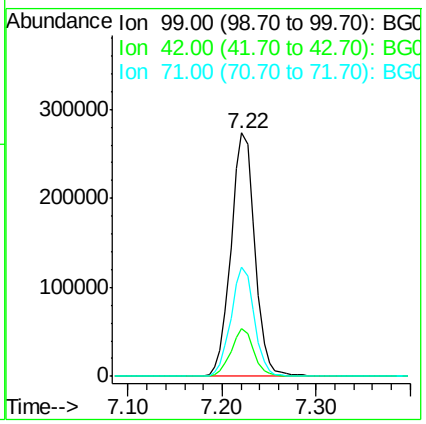


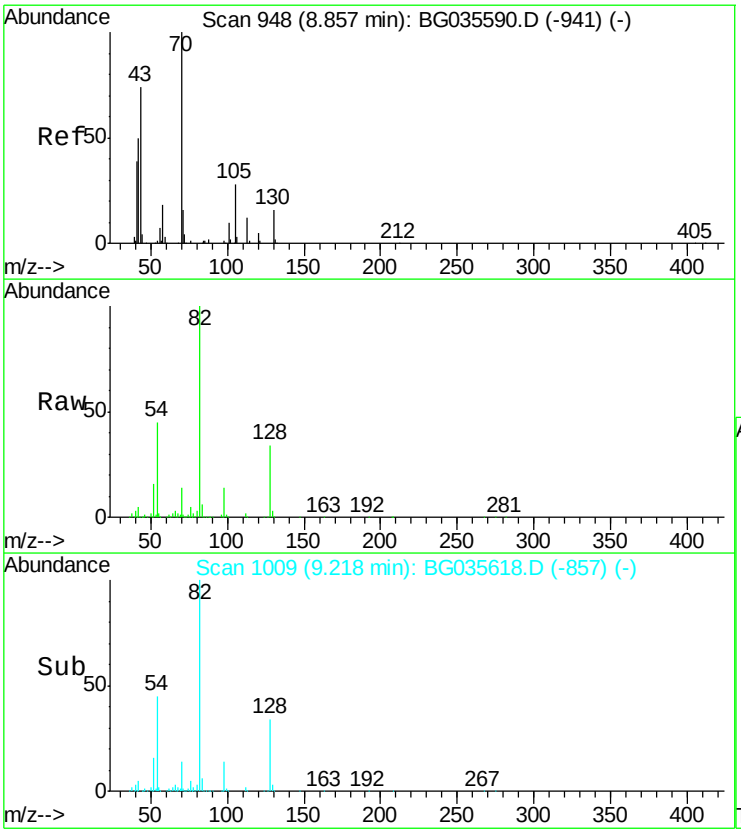
#7
Phenol-d6
Concen: 112.510 ng
RT: 7.22 min Scan# 669
Delta R.T. 0.00 min
Lab File: BG035618.D
Acq: 13 Jul 2018 6:54

Instrument :
BNA_G
ClientSampleId :
CL-02-071118-B

Tgt Ion: 99 Resp: 481792

Ion	Ratio	Lower	Upper
99	100		
42	19.6	14.1	21.1
71	44.8	26.1	39.1#

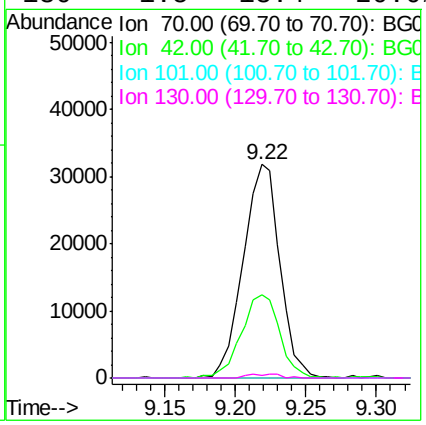


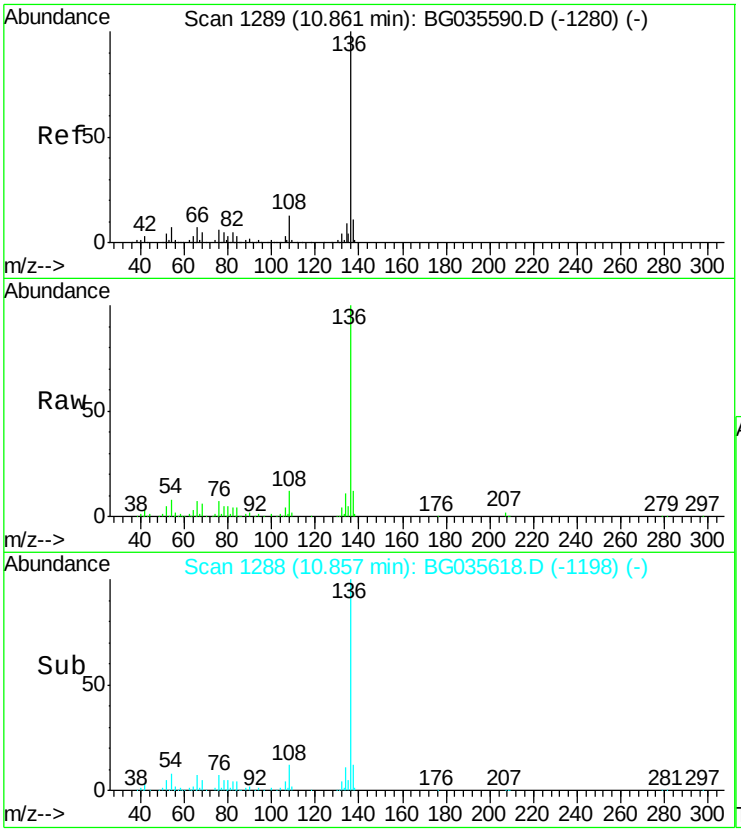


#19
n-Nitroso-di-n-propylamine
Concen: 16.110 ng
RT: 9.22 min Scan# 1009
Delta R.T. 0.36 min
Lab File: BG035618.D
Acq: 13 Jul 2018 6:54

Tgt Ion: 70 Resp: 58092

Ion	Ratio	Lower	Upper
70	100		
42	39.0	49.1	73.7#
101	0.0	8.5	12.7#
130	1.5	13.4	20.0#



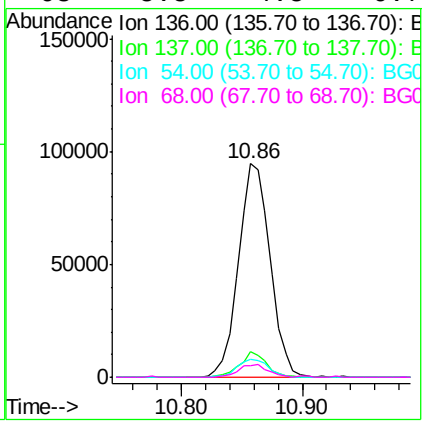


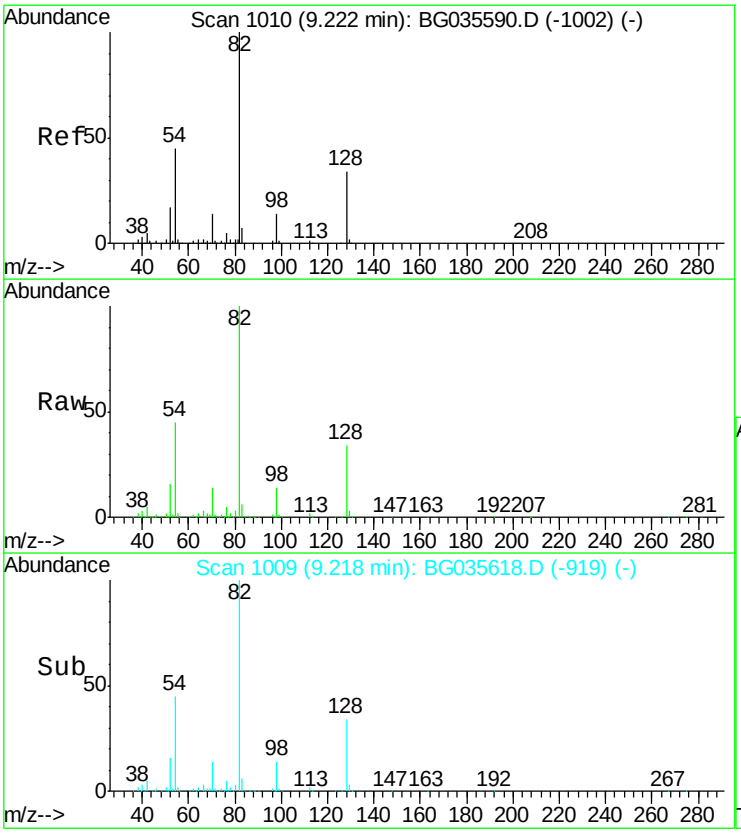
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.00 min
Lab File: BG035618.D
Acq: 13 Jul 2018 6:54

Instrument :
BNA_G
ClientSampleId :
CL-02-071118-B

Tgt Ion:136 Resp: 173141

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.2	13.8
54	8.2	10.3	15.5#
68	5.5	4.5	6.7

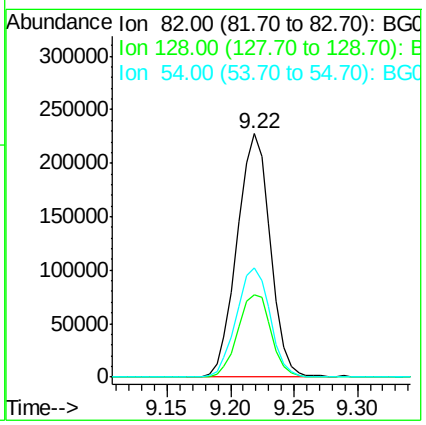


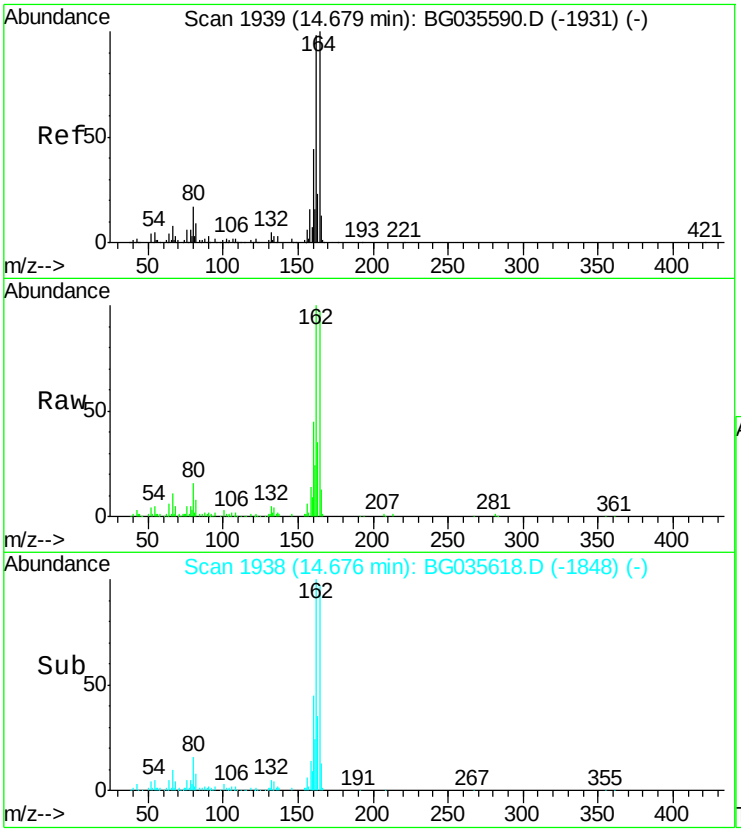


#23
Nitrobenzene-d5
Concen: 100.073 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG035618.D
Acq: 13 Jul 2018 6:54

Tgt Ion: 82 Resp: 414765

Ion	Ratio	Lower	Upper
82	100		
128	34.1	29.7	44.5
54	45.0	43.1	64.7



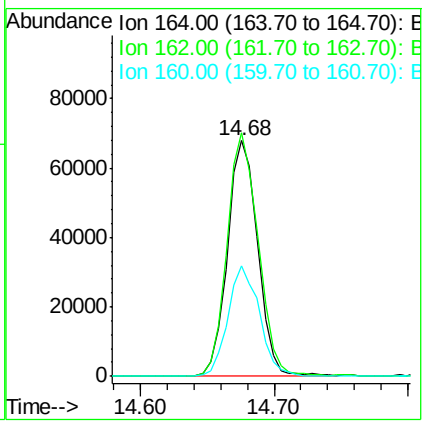


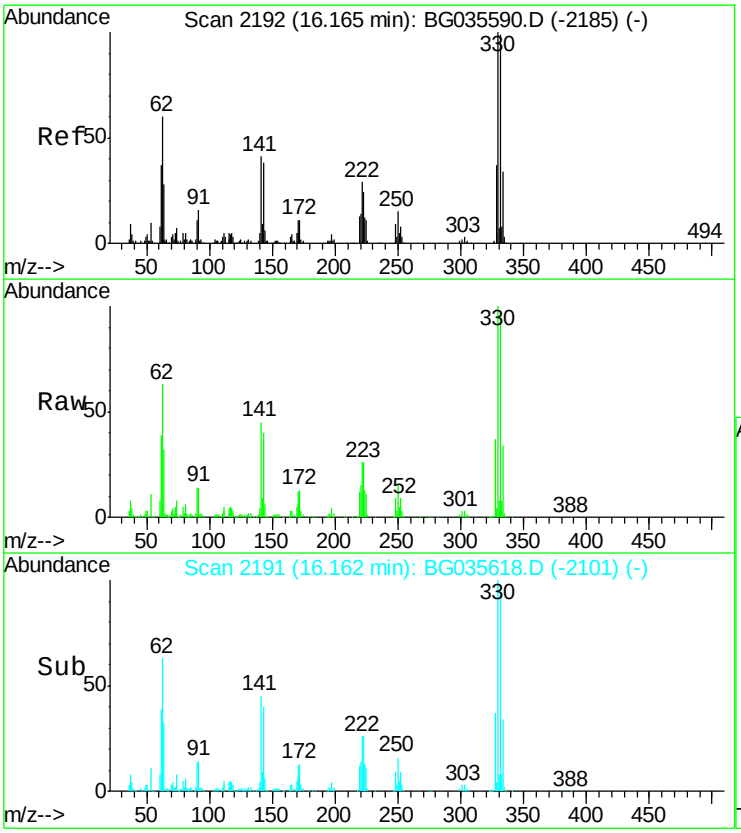
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1938
Delta R.T. -0.00 min
Lab File: BG035618.D
Acq: 13 Jul 2018 6:54

Instrument :
BNA_G
ClientSampleId :
CL-02-071118-B

Tgt Ion:164 Resp: 107493

Ion	Ratio	Lower	Upper
164	100		
162	103.3	78.8	118.2
160	46.7	35.4	53.0

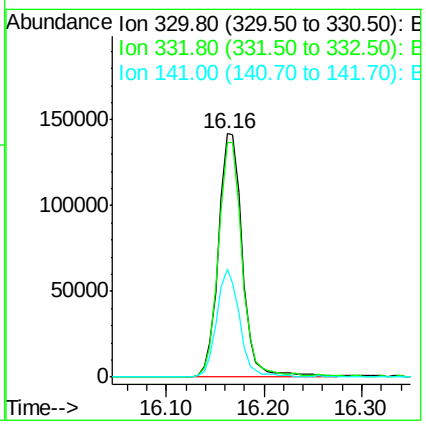


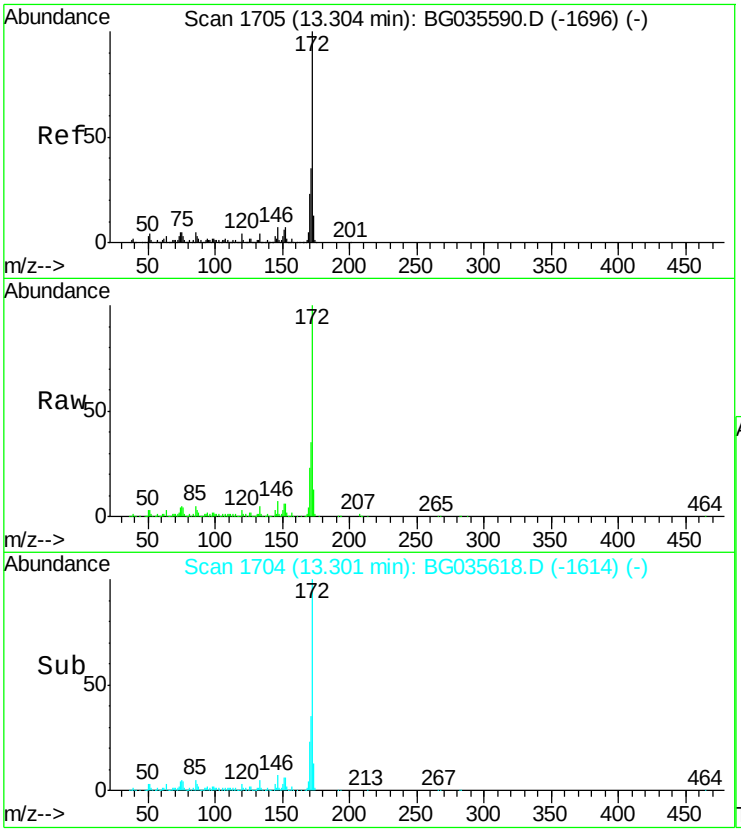


#41
2,4,6-Tribromophenol
Concen: 170.585 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.00 min
Lab File: BG035618.D
Acq: 13 Jul 2018 6:54

Tgt Ion:330 Resp: 241690

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	42.4	25.2	37.8#



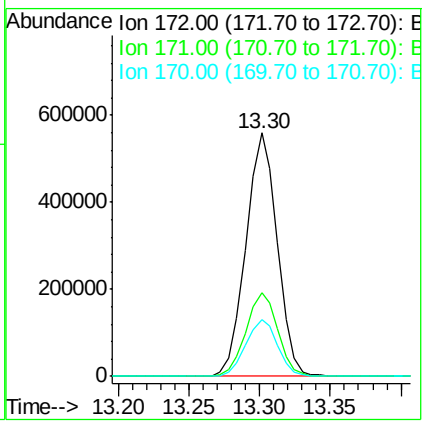


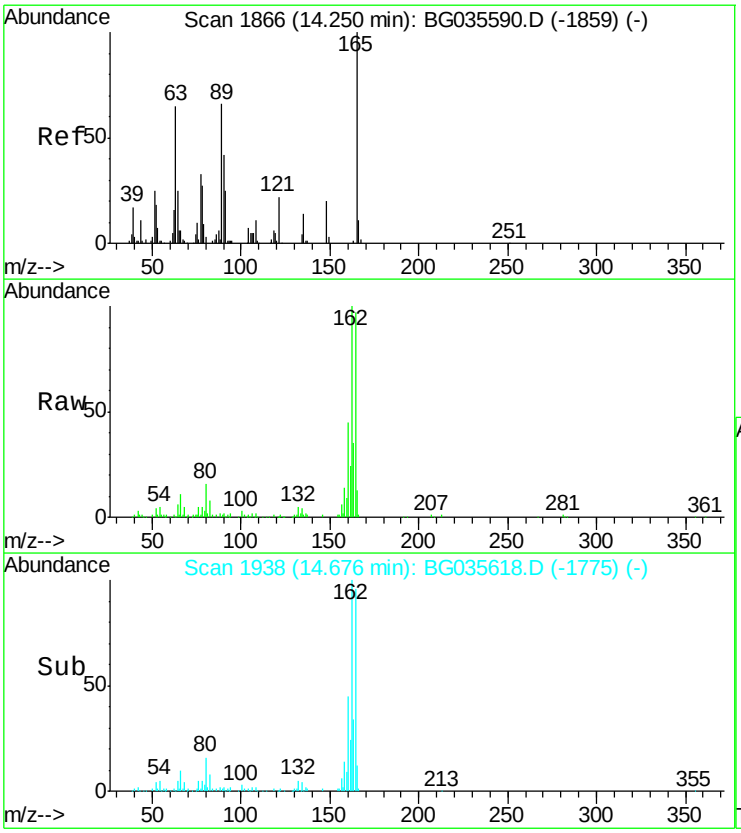
#44
2-Fluorobiphenyl
Concen: 108.565 ng
RT: 13.30 min Scan# 1704
Delta R.T. -0.00 min
Lab File: BG035618.D
Acq: 13 Jul 2018 6:54

Instrument :
BNA_G
ClientSampleId :
CL-02-071118-B

Tgt Ion:172 Resp: 871059

Ion	Ratio	Lower	Upper
172	100		
171	34.5	30.0	45.0
170	23.5	19.5	29.3

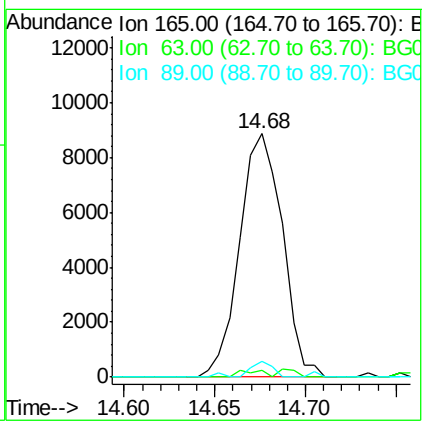


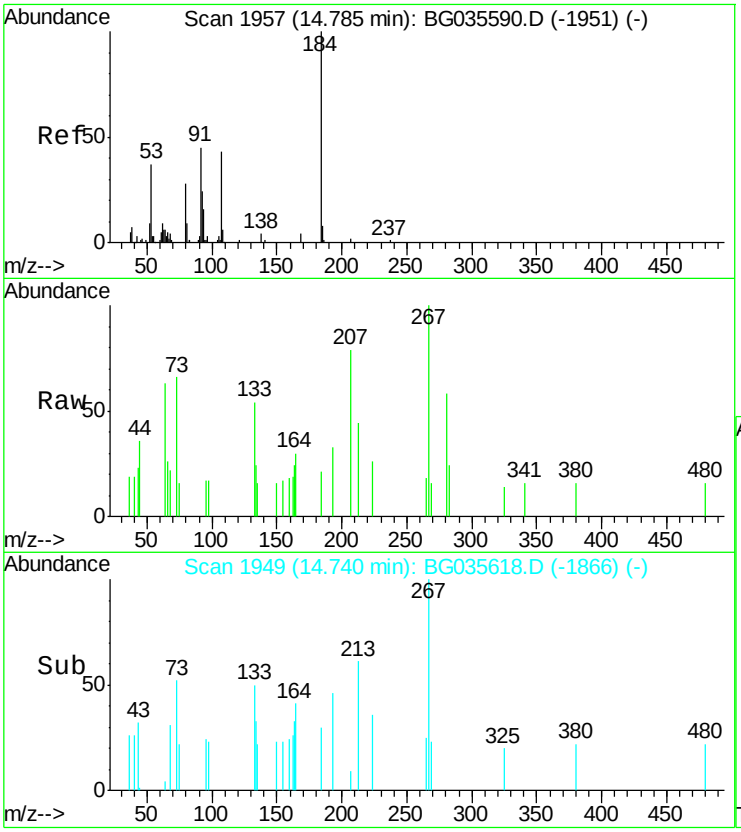


#50
2,6-Dinitrotoluene
Concen: 7.575 ng
RT: 14.68 min Scan# 1938
Delta R.T. 0.43 min
Lab File: BG035618.D
Acq: 13 Jul 2018 6:54

Tgt Ion:165 Resp: 14528

Ion	Ratio	Lower	Upper
165	100		
63	3.0	52.7	79.1#
89	6.4	49.2	73.8#



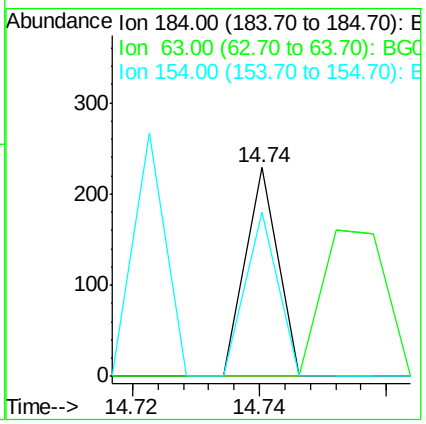


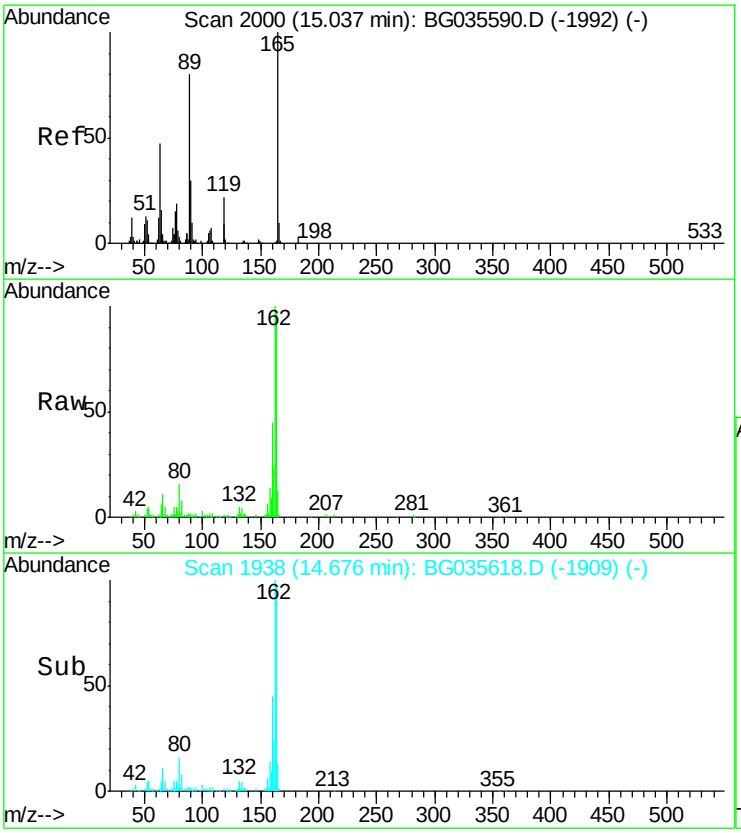
#53
2,4-Dinitrophenol
Concen: 6.658 ng
RT: 14.74 min Scan# 1949
Delta R.T. -0.04 min
Lab File: BG035618.D
Acq: 13 Jul 2018 6:54

Instrument :
BNA_G
ClientSampleId :
CL-02-071118-B

Tgt Ion:184 Resp: 81

Ion	Ratio	Lower	Upper
184	100		
63	0.0	59.8	89.8#
154	78.6	101.8	152.8#

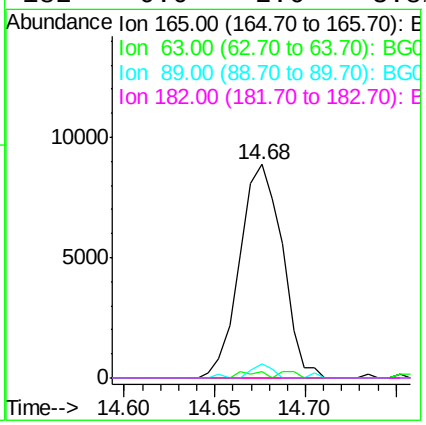


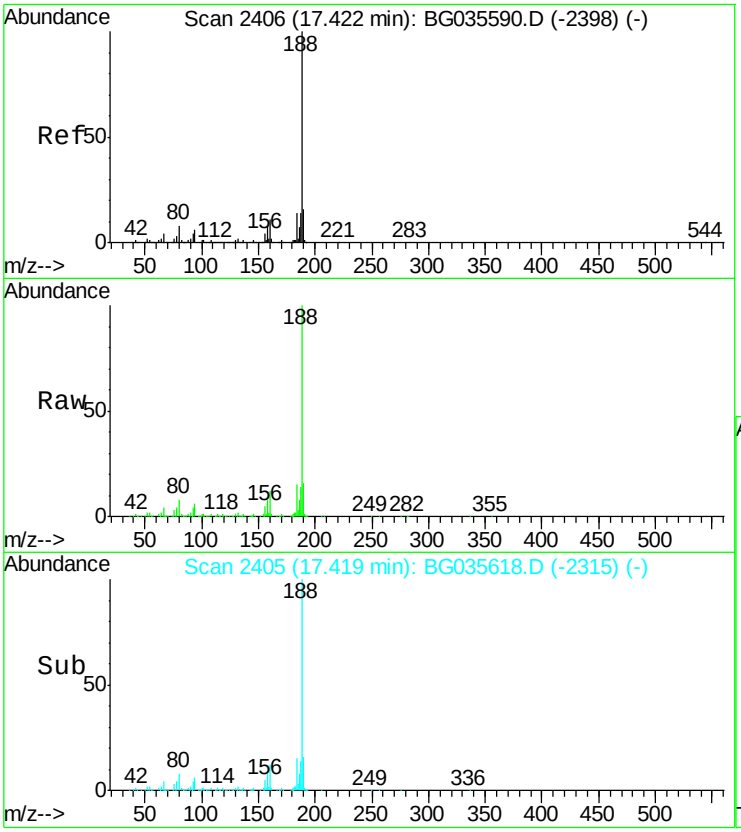


#56
2,4-Dinitrotoluene
Concen: 5.280 ng
RT: 14.68 min Scan# 1938
Delta R.T. -0.36 min
Lab File: BG035618.D
Acq: 13 Jul 2018 6:54

Tgt Ion:165 Resp: 14528

Ion	Ratio	Lower	Upper
165	100		
63	3.0	42.0	63.0#
89	6.4	66.9	100.3#
182	0.0	2.6	3.8#



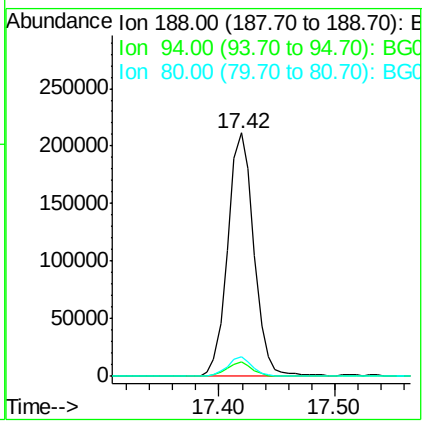


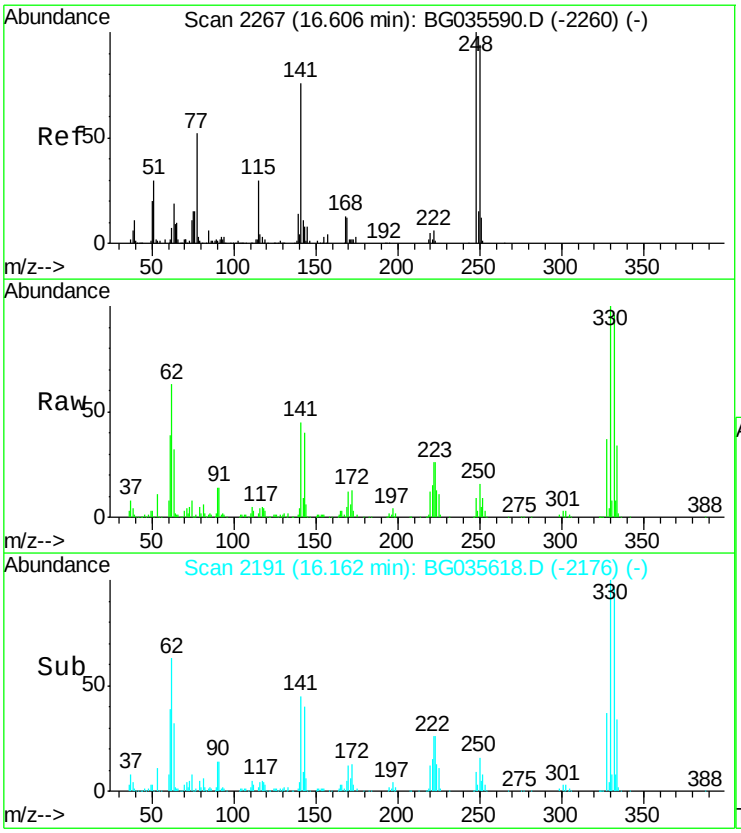
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.00 min
Lab File: BG035618.D
Acq: 13 Jul 2018 6:54

Instrument :
BNA_G
ClientSampleId :
CL-02-071118-B

Tgt Ion:188 Resp: 332293

Ion	Ratio	Lower	Upper
188	100		
94	5.9	6.9	10.3#
80	8.0	7.7	11.5

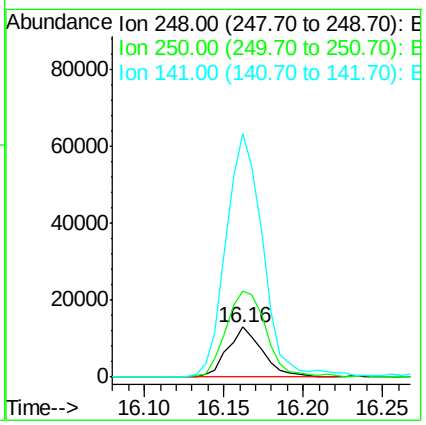


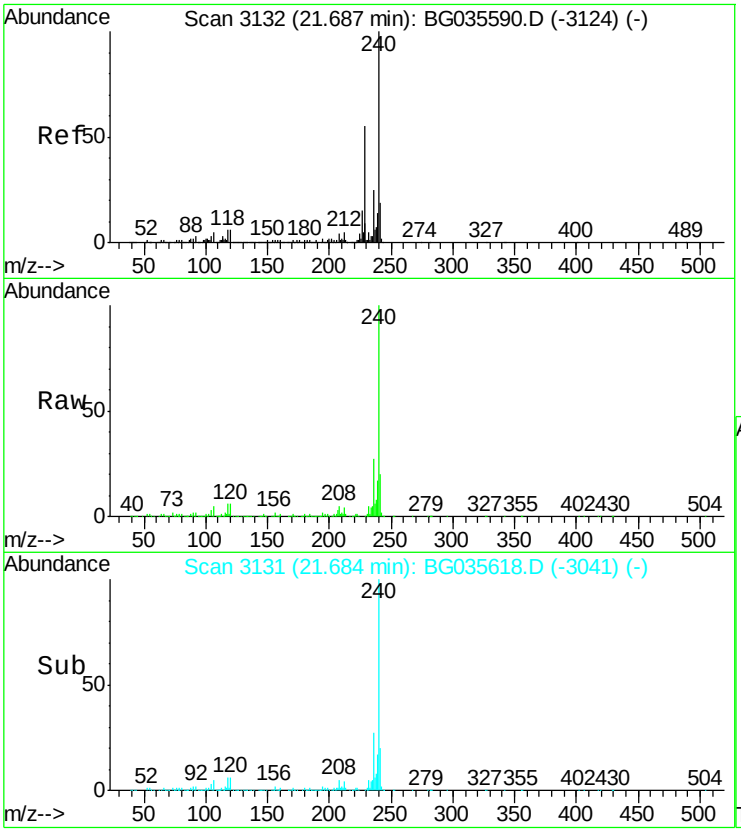


#66
4-Bromophenyl-phenylether
Concen: 5.209 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.44 min
Lab File: BG035618.D
Acq: 13 Jul 2018 6:54

Tgt Ion:248 Resp: 20082

Ion	Ratio	Lower	Upper
248	100		
250	171.7	77.1	115.7#
141	484.6	50.8	76.2#



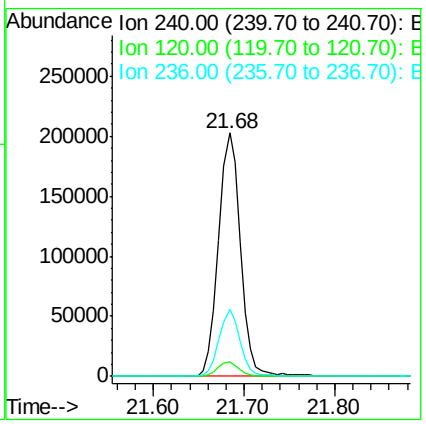


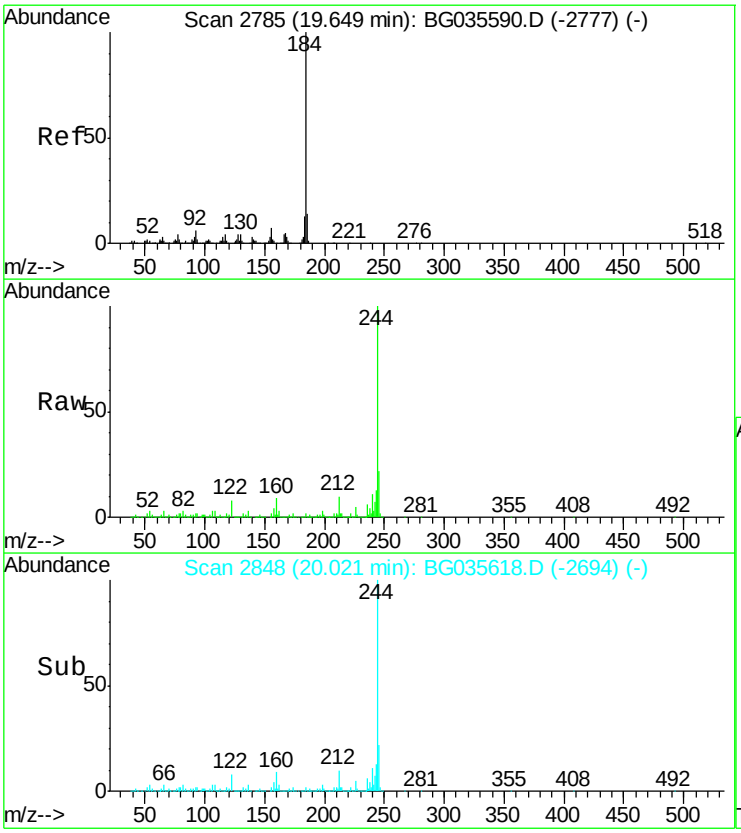
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.00 min
Lab File: BG035618.D
Acq: 13 Jul 2018 6:54

Instrument :
BNA_G
ClientSampleId :
CL-02-071118-B

Tgt Ion:240 Resp: 340898

Ion	Ratio	Lower	Upper
240	100		
120	6.1	6.8	10.2#
236	27.3	20.9	31.3

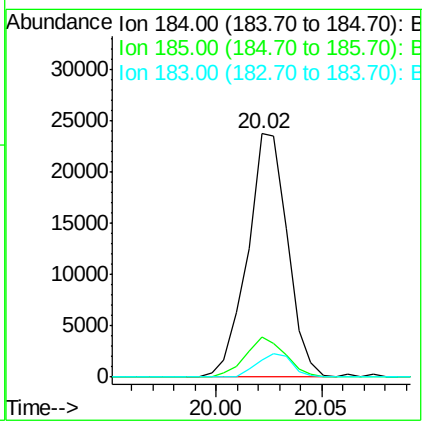


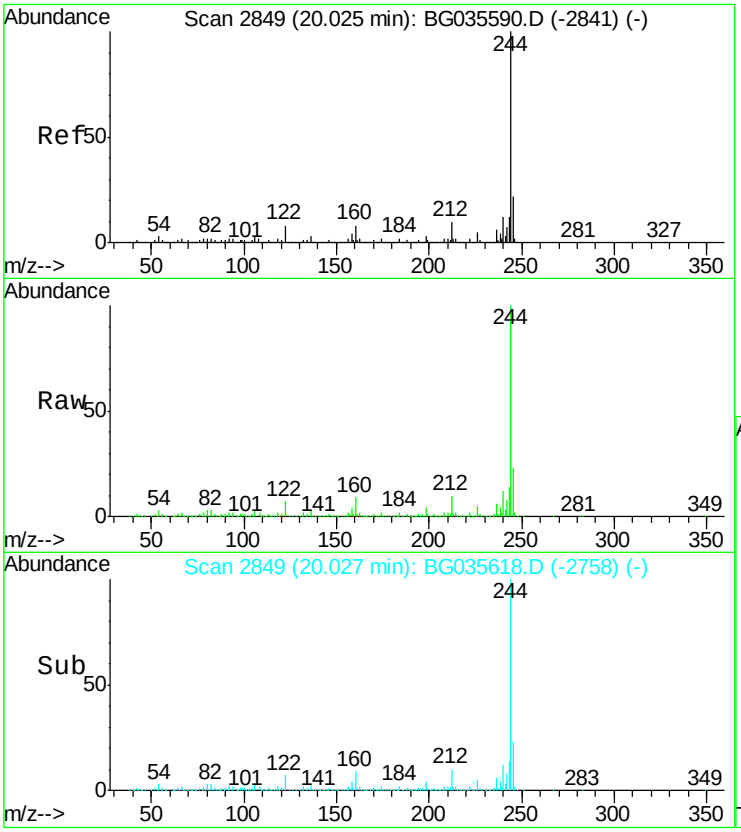


#76
Benzidine
Concen: 3.492 ng
RT: 20.02 min Scan# 2848
Delta R.T. 0.37 min
Lab File: BG035618.D
Acq: 13 Jul 2018 6:54

Tgt Ion:184 Resp: 31297

Ion	Ratio	Lower	Upper
184	100		
185	16.4	11.1	16.7
183	7.2	10.6	16.0#



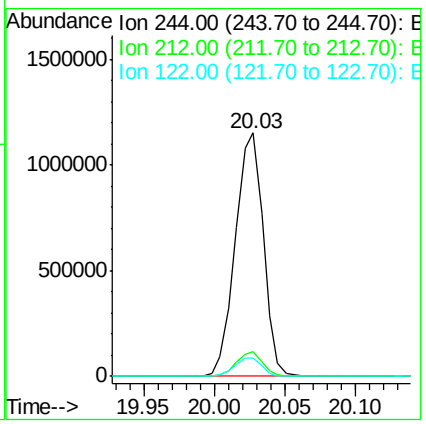


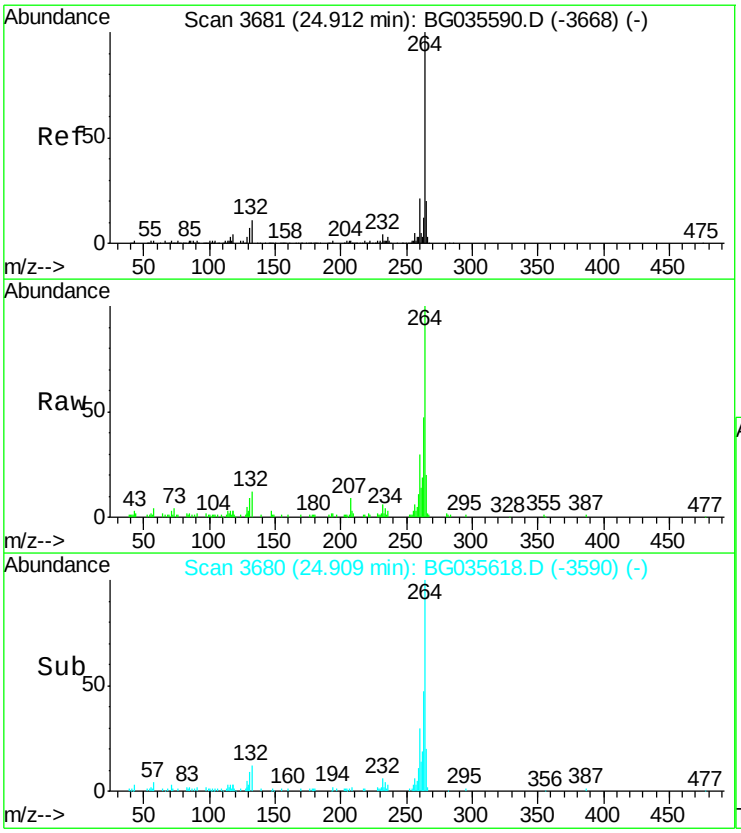
#78
Terphenyl-d14
Concen: 103.133 ng
RT: 20.03 min Scan# 2849
Delta R.T. 0.00 min
Lab File: BG035618.D
Acq: 13 Jul 2018 6:54

Instrument :
BNA_G
ClientSampleId :
CL-02-071118-B

Tgt Ion:244 Resp: 1594969

Ion	Ratio	Lower	Upper
244	100		
212	10.3	5.8	8.8#
122	7.4	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.91 min Scan# 3680
Delta R.T. -0.00 min
Lab File: BG035618.D
Acq: 13 Jul 2018 6:54

Tgt Ion:264 Resp: 101083

Ion	Ratio	Lower	Upper
264	100		
260	29.9	17.4	26.0#
265	20.2	17.7	26.5