Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG073118\
Data File : BG036011.D
Acq On : 31 Jul 2018 21:23
Operator : JU/SJ
Sample : J4218-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-15-S

Quant Time: Aug 01 01:09:47 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 12:30:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	39608	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	129611	20.00	ng	-0.01
38) Acenaphthene-d10	14.65	164	93448	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	270521	20.00	ng	0.00
75) Chrysene-d12	21.65	240	307442	20.00	ng	0.00
86) Perylene-d12	24.84	264	288114	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	301802	126.51	ng	0.00
7) Phenol-d6	7.19	99	383975	107.88	ng	0.00
23) Nitrobenzene-d5	9.18	82	319199	102.88	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	214811	174.40	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	708962	101.64	ng	-0.01
78) Terphenyl-d14	20.00	244	1474778	105.74	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.18	70	43381	14.473	ng	# 64
50) 2,6-Dinitrotoluene	14.65	165	12148	7.286	ng	# 18
56) 2,4-Dinitrotoluene	14.65	165	12148	5.079	ng	# 16
66) 4-Bromophenyl-phenylether	16.13	248	18450	5.879	ng	# 1
76) Benzidine	20.00	184	27085	3.351	ng	# 90
83) Bis(2-ethylhexyl)phthalate	21.53	149	32389	3.427	ng	98

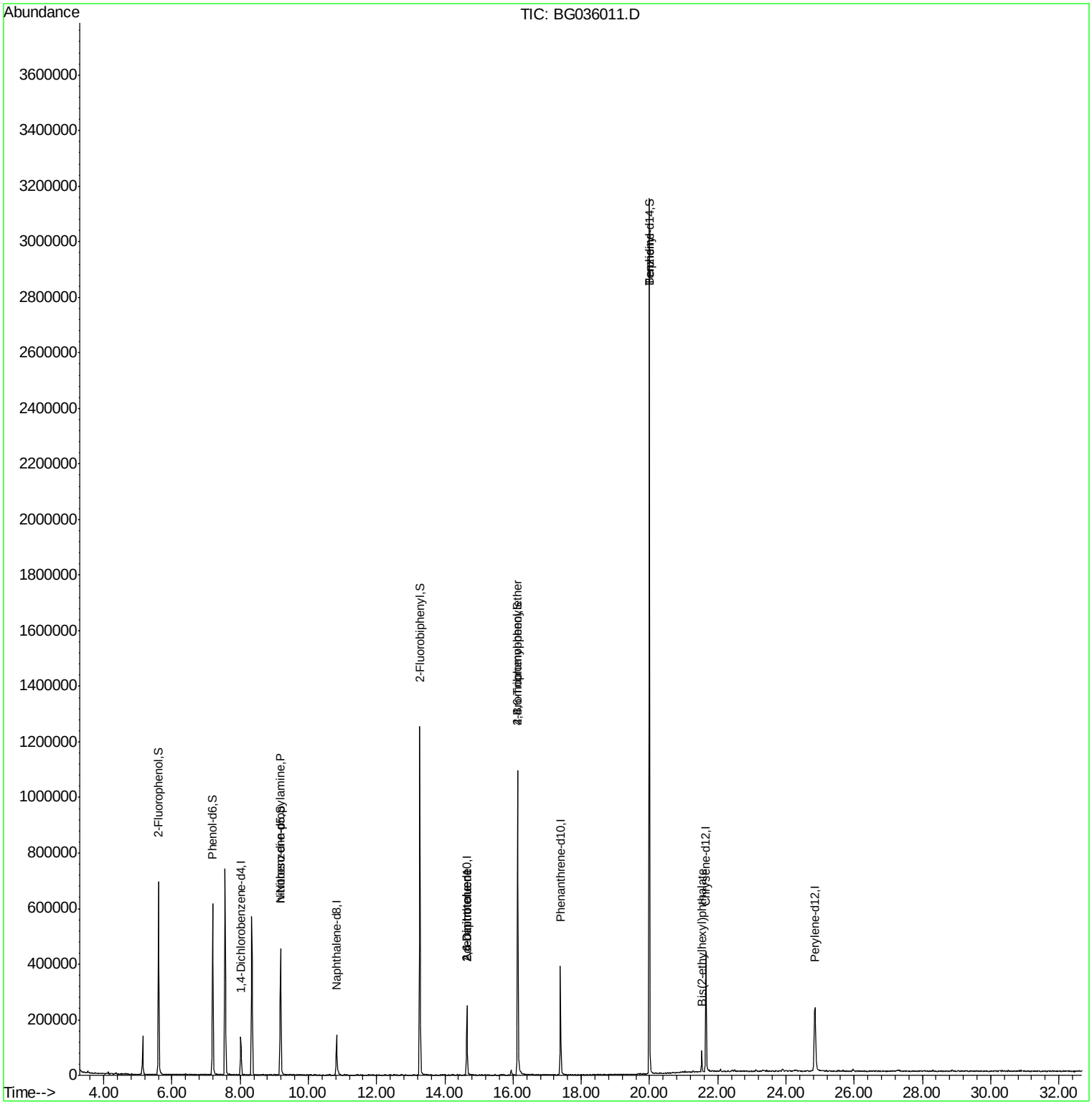
(#) = qualifier out of range (m) = manual integration (+) = signals summed

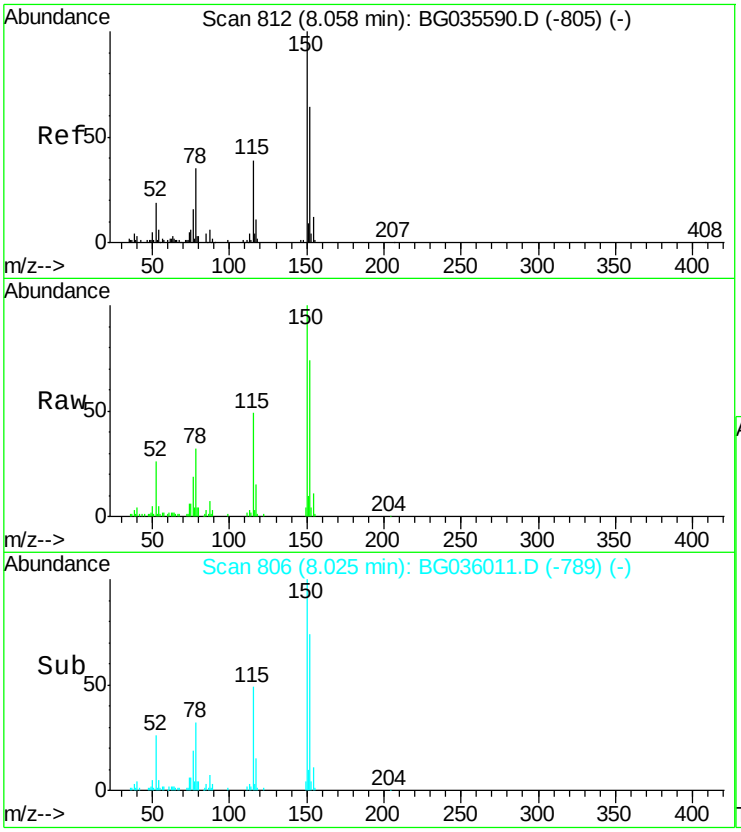
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG073118\
Data File : BG036011.D
Acq On : 31 Jul 2018 21:23
Operator : JU/SJ
Sample : J4218-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-15-S

Quant Time: Aug 01 01:09:47 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 12:30:06 2018
Response via : Initial Calibration



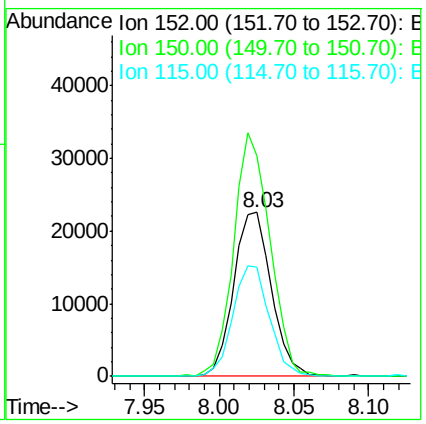


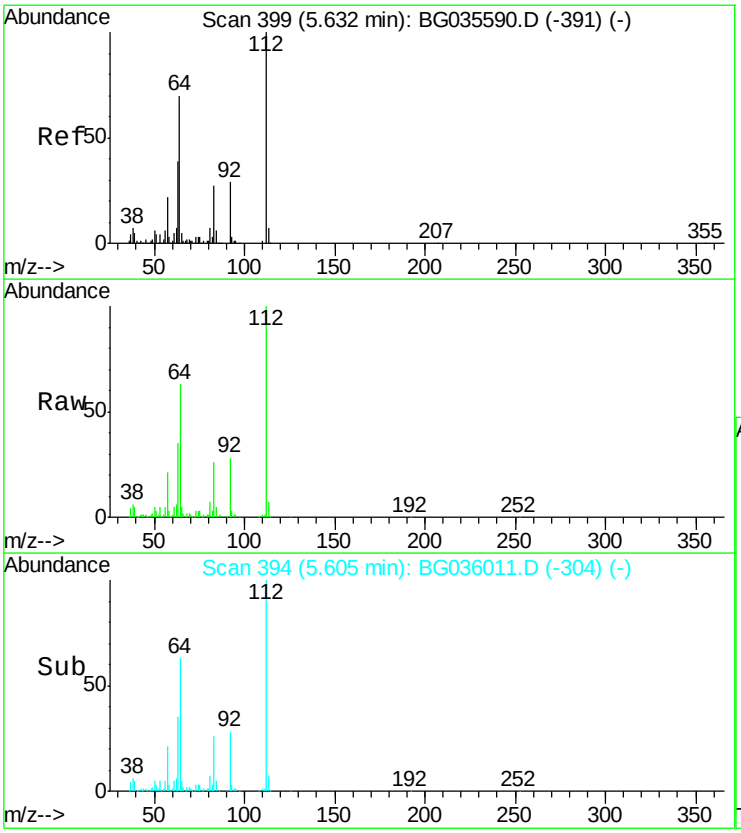
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 806
Delta R.T. 0.00 min
Lab File: BG036011.D
Acq: 31 Jul 2018 21:23

Instrument :
BNA_G
ClientSampleId :
TP-15-S

Tgt Ion:152 Resp: 39608

Ion	Ratio	Lower	Upper
152	100		
150	134.6	126.6	189.8
115	66.3	53.0	79.4

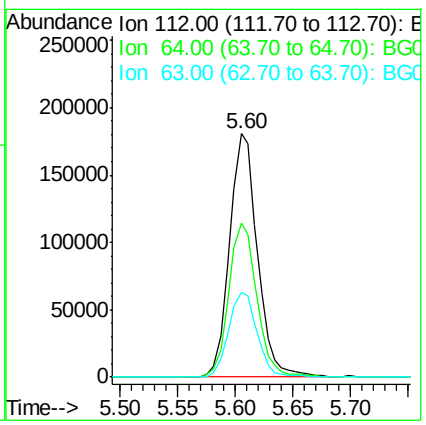


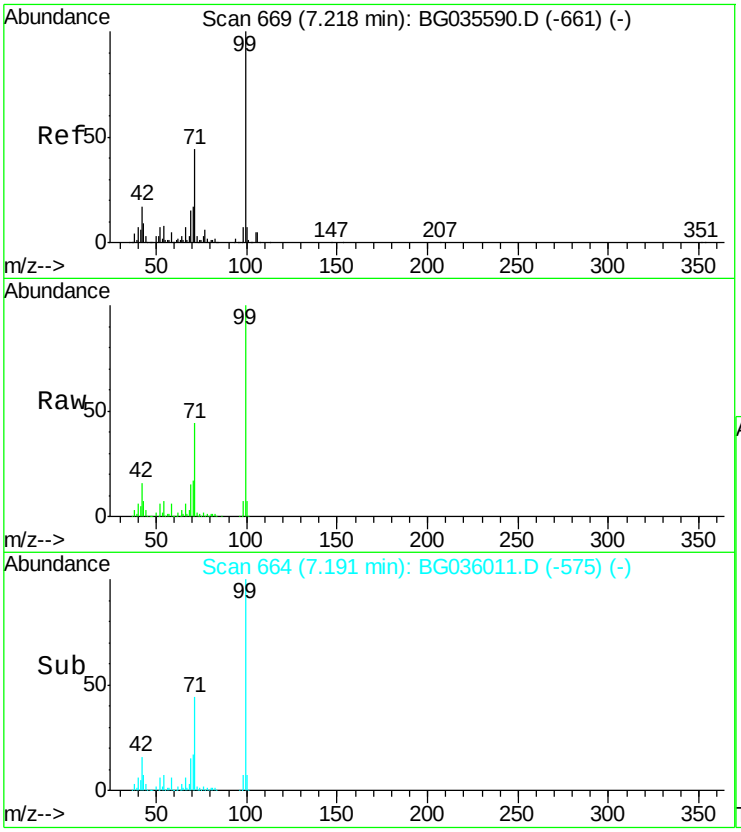


#5
2-Fluorophenol
Concen: 126.505 ng
RT: 5.60 min Scan# 394
Delta R.T. 0.00 min
Lab File: BG036011.D
Acq: 31 Jul 2018 21:23

Tgt Ion:112 Resp: 301802

Ion	Ratio	Lower	Upper
112	100		
64	63.5	56.3	84.5
63	35.1	30.1	45.1



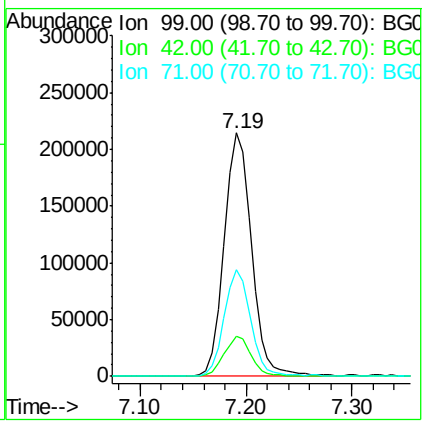


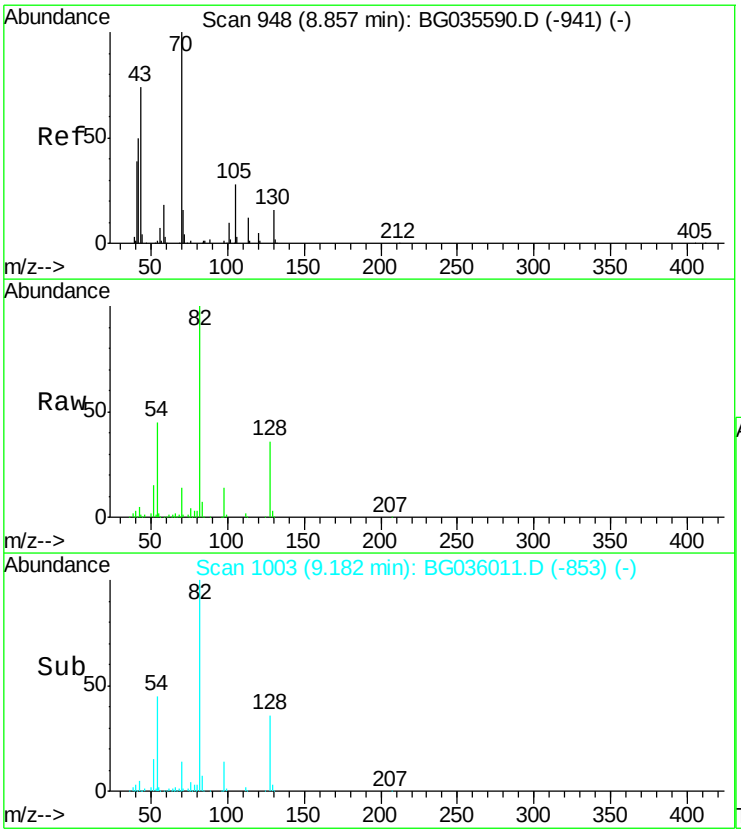
#7
Phenol-d6
Concen: 107.876 ng
RT: 7.19 min Scan# 664
Delta R.T. -0.01 min
Lab File: BG036011.D
Acq: 31 Jul 2018 21:23

Instrument :
BNA_G
ClientSampleId :
TP-15-S

Tgt Ion: 99 Resp: 383975

Ion	Ratio	Lower	Upper
99	100		
42	16.2	14.1	21.1
71	43.8	26.1	39.1#

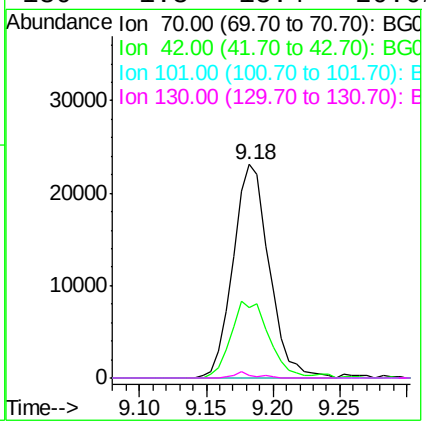


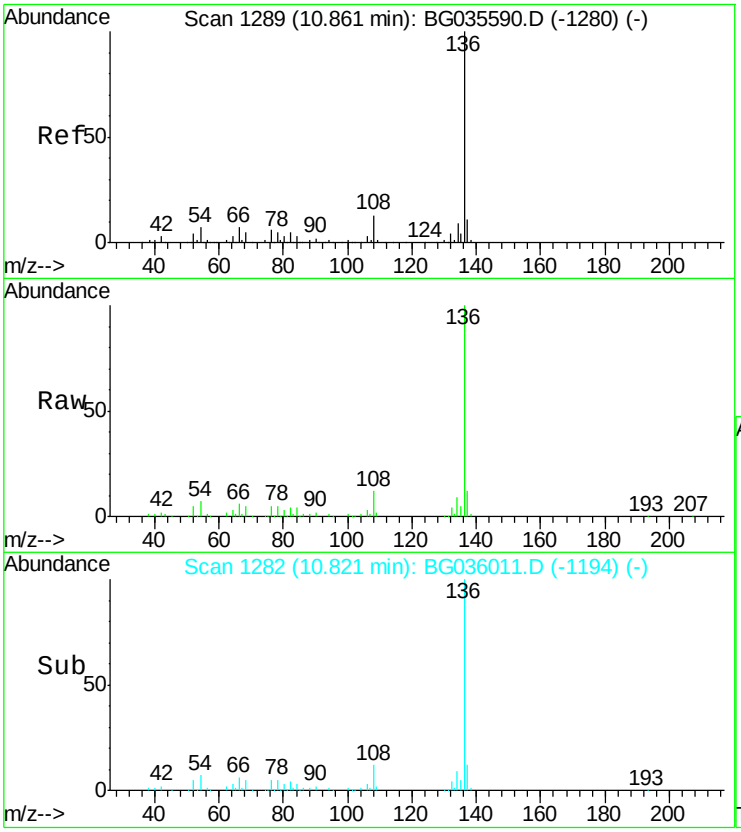


#19
n-Nitroso-di-n-propylamine
Concen: 14.473 ng
RT: 9.18 min Scan# 1003
Delta R.T. 0.35 min
Lab File: BG036011.D
Acq: 31 Jul 2018 21:23

Tgt Ion: 70 Resp: 43381

Ion	Ratio	Lower	Upper
70	100		
42	33.2	49.1	73.7#
101	0.0	8.5	12.7#
130	1.3	13.4	20.0#



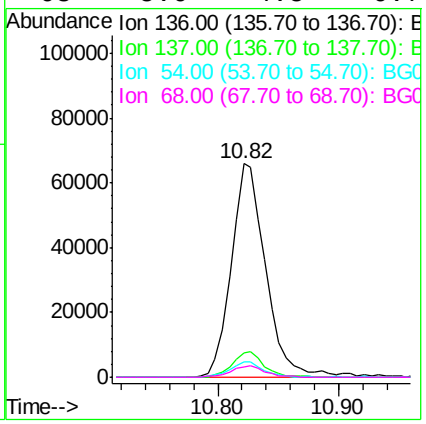


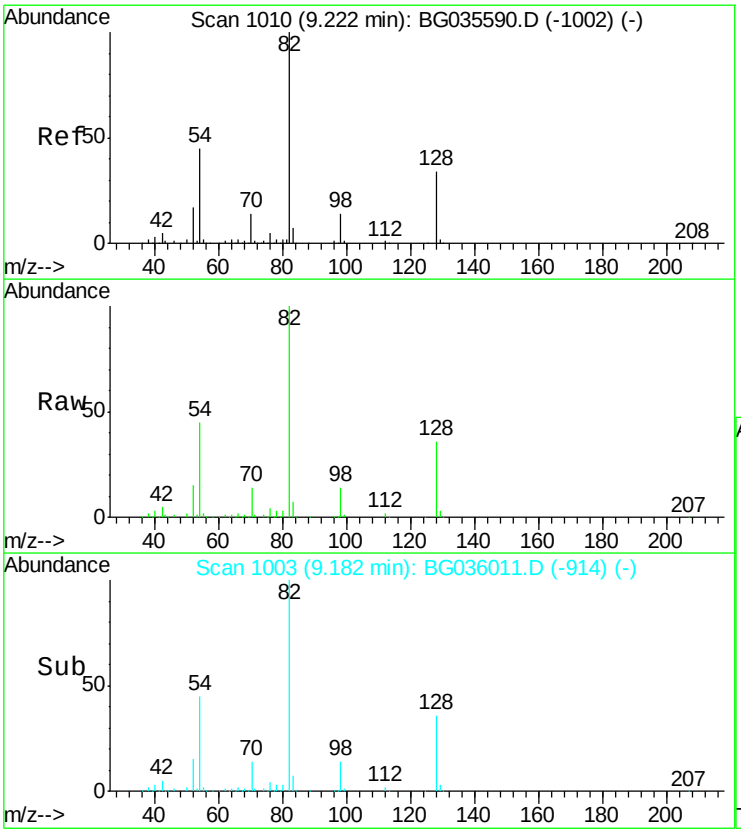
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BG036011.D
Acq: 31 Jul 2018 21:23

Instrument :
BNA_G
ClientSampleId :
TP-15-S

Tgt Ion:136 Resp: 129611

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	7.3	10.3	15.5#
68	5.0	4.5	6.7

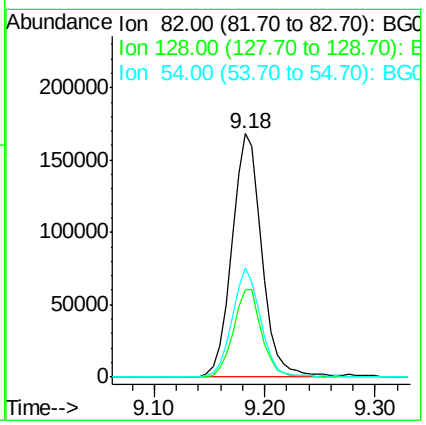


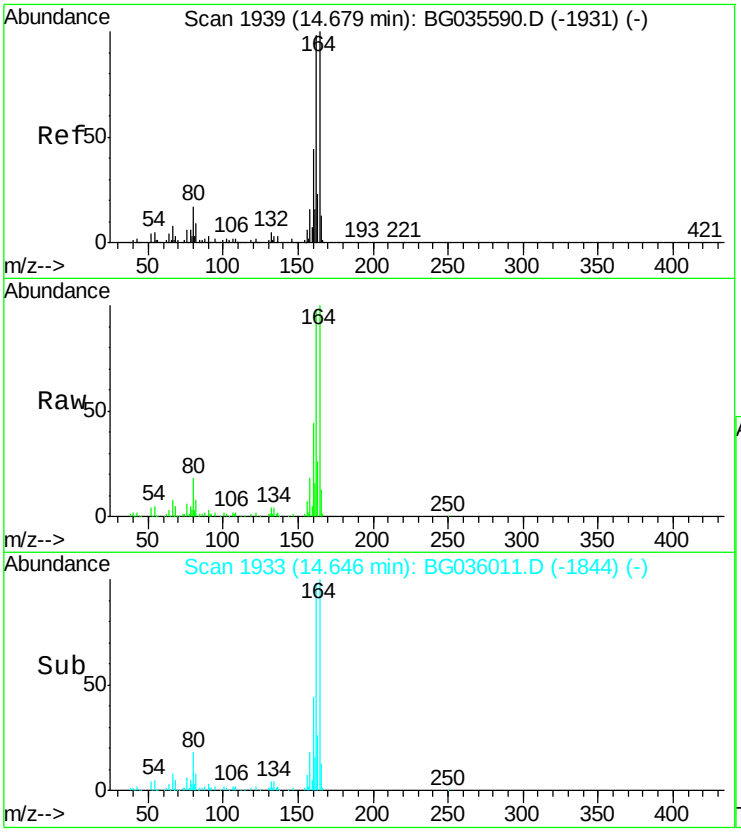


#23
Nitrobenzene-d5
Concen: 102.881 ng
RT: 9.18 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG036011.D
Acq: 31 Jul 2018 21:23

Tgt Ion: 82 Resp: 319199

Ion	Ratio	Lower	Upper
82	100		
128	35.7	29.7	44.5
54	44.7	43.1	64.7



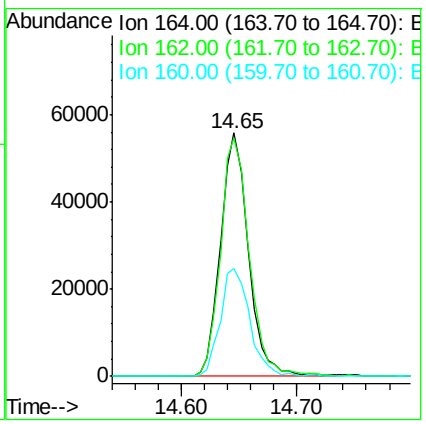


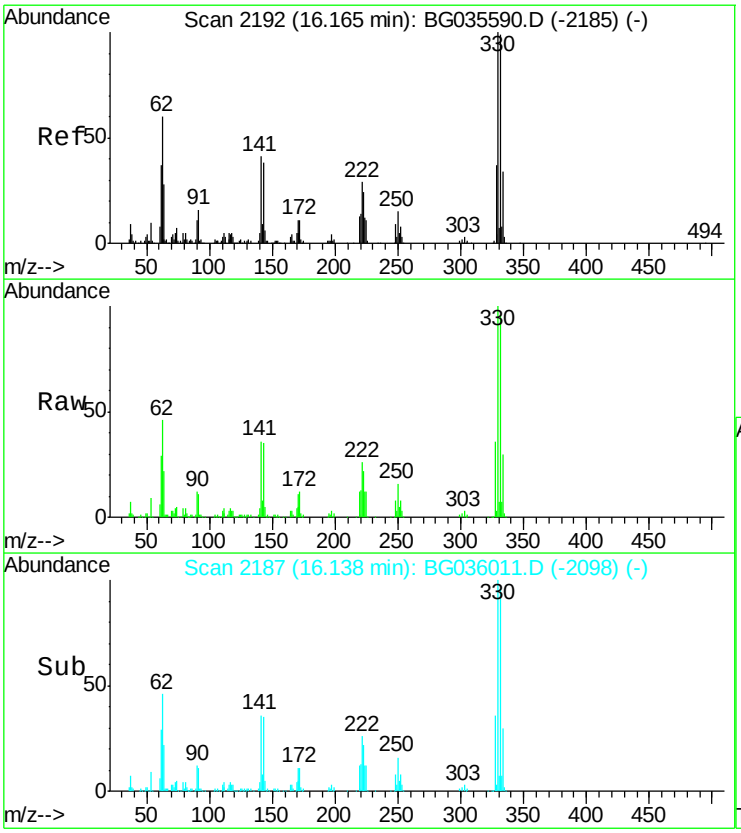
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BG036011.D
Acq: 31 Jul 2018 21:23

Instrument :
BNA_G
ClientSampleId :
TP-15-S

Tgt Ion:164 Resp: 93448

Ion	Ratio	Lower	Upper
164	100		
162	98.0	78.8	118.2
160	44.4	35.4	53.0

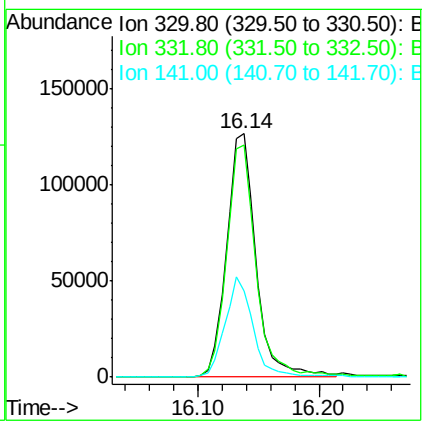


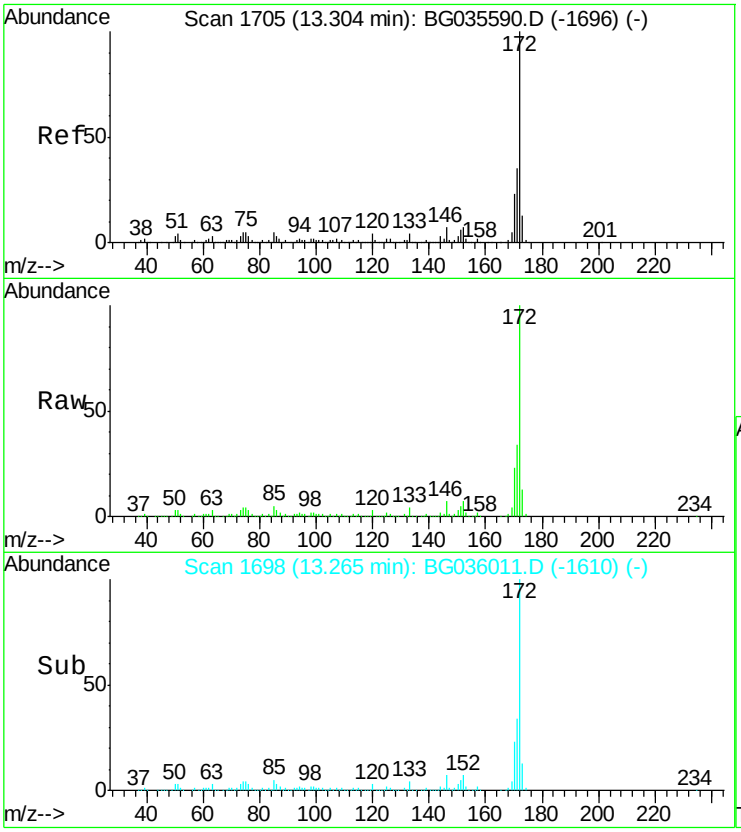


#41
2,4,6-Tribromophenol
Concen: 174.401 ng
RT: 16.14 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BG036011.D
Acq: 31 Jul 2018 21:23

Tgt Ion:330 Resp: 214811

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	38.7	25.2	37.8#



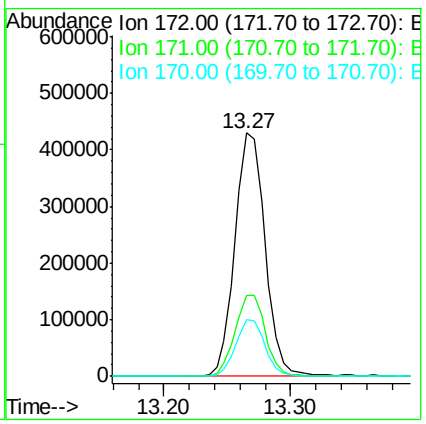


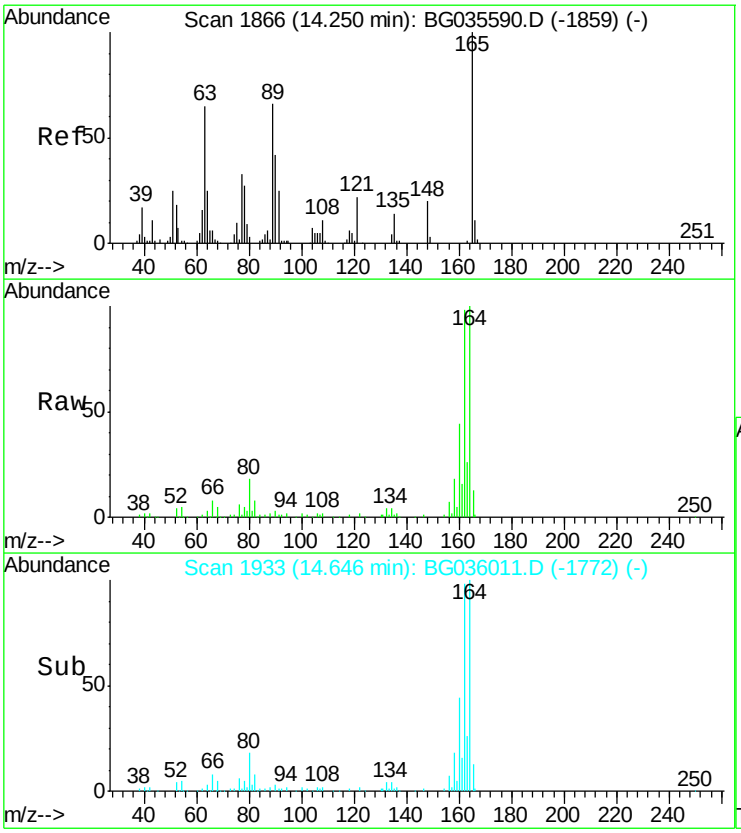
#44
2-Fluorobiphenyl
Concen: 101.642 ng
RT: 13.27 min Scan# 1698
Delta R.T. -0.01 min
Lab File: BG036011.D
Acq: 31 Jul 2018 21:23

Instrument :
BNA_G
ClientSampleId :
TP-15-S

Tgt Ion:172 Resp: 708962

Ion	Ratio	Lower	Upper
172	100		
171	33.5	30.0	45.0
170	23.3	19.5	29.3

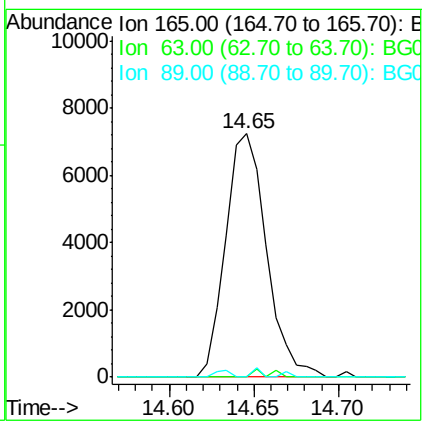


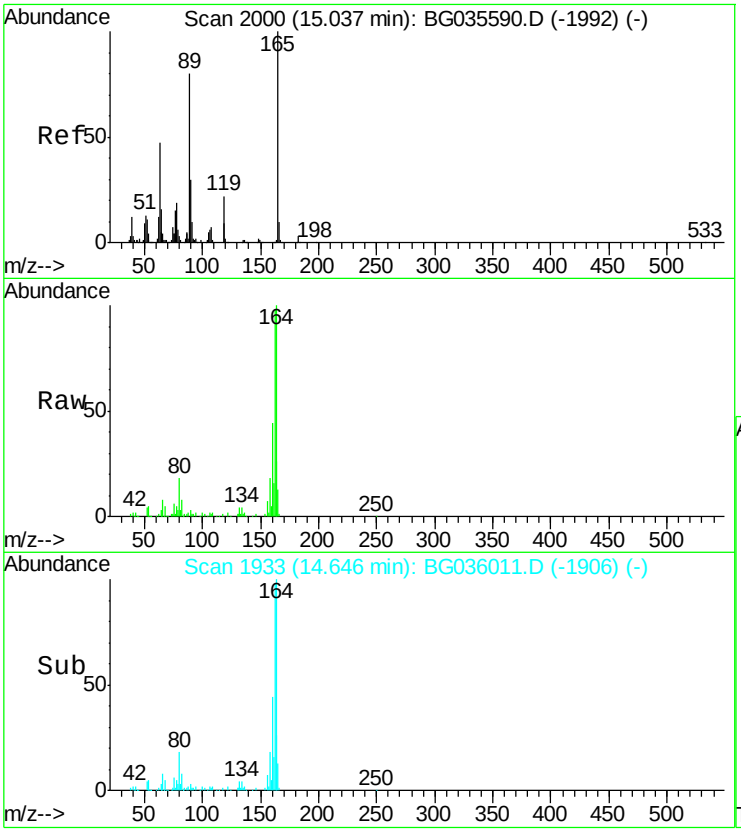


#50
2,6-Dinitrotoluene
Concen: 7.286 ng
RT: 14.65 min Scan# 1933
Delta R.T. 0.42 min
Lab File: BG036011.D
Acq: 31 Jul 2018 21:23

Tgt Ion:165 Resp: 12148

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



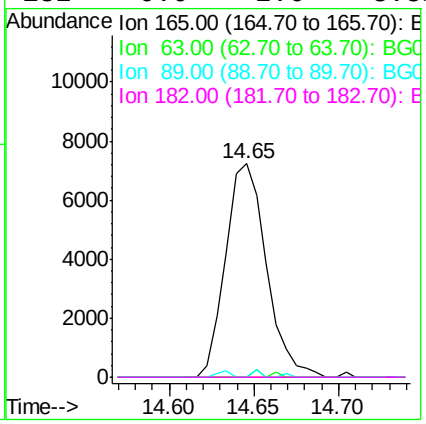


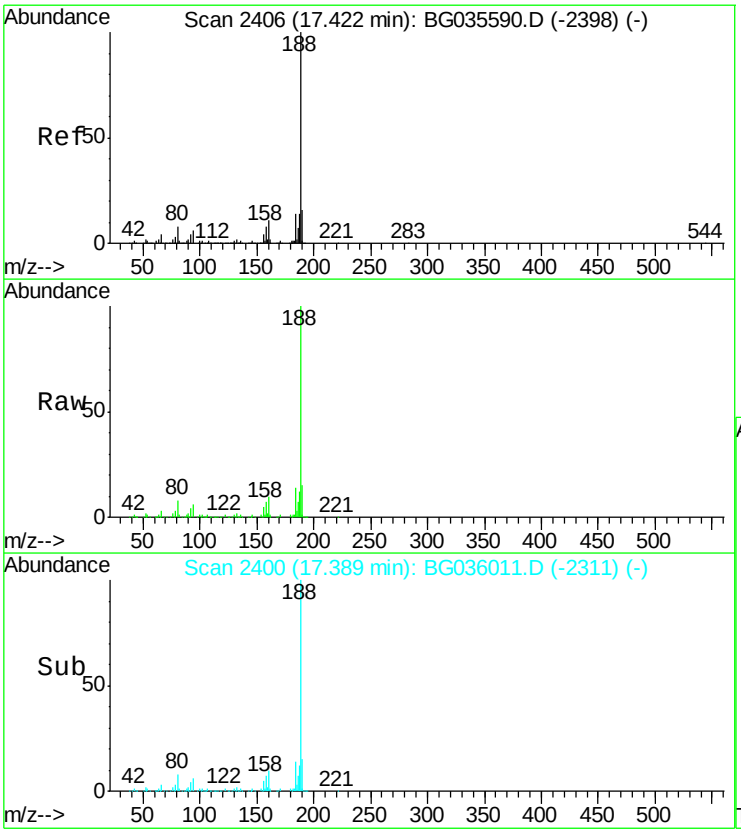
#56
2,4-Dinitrotoluene
Concen: 5.079 ng
RT: 14.65 min Scan# 1933
Delta R.T. -0.37 min
Lab File: BG036011.D
Acq: 31 Jul 2018 21:23

Instrument :
BNA_G
ClientSampleId :
TP-15-S

Tgt Ion:165 Resp: 12148

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

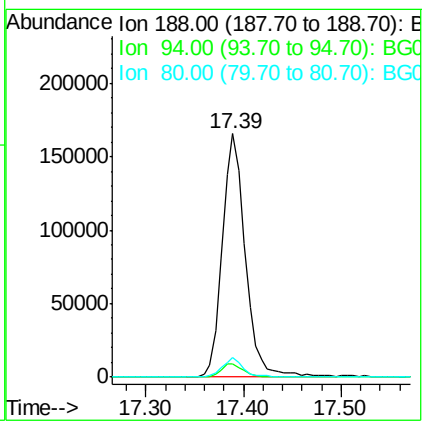


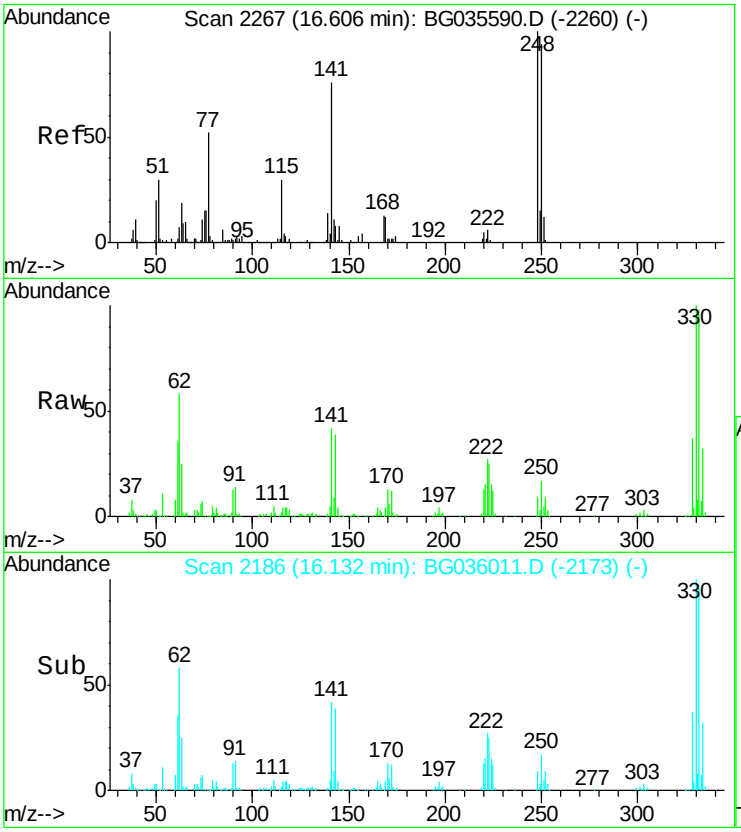


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BG036011.D
Acq: 31 Jul 2018 21:23

Tgt Ion:188 Resp: 270521

Ion	Ratio	Lower	Upper
188	100		
94	5.7	6.9	10.3#
80	8.3	7.7	11.5



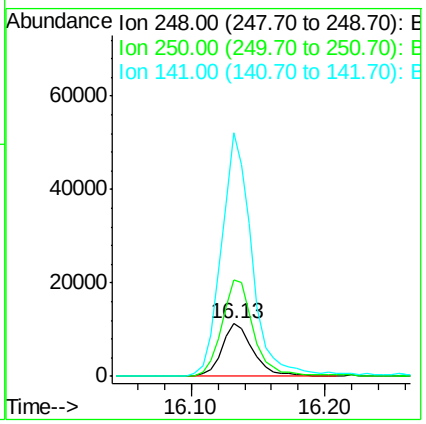


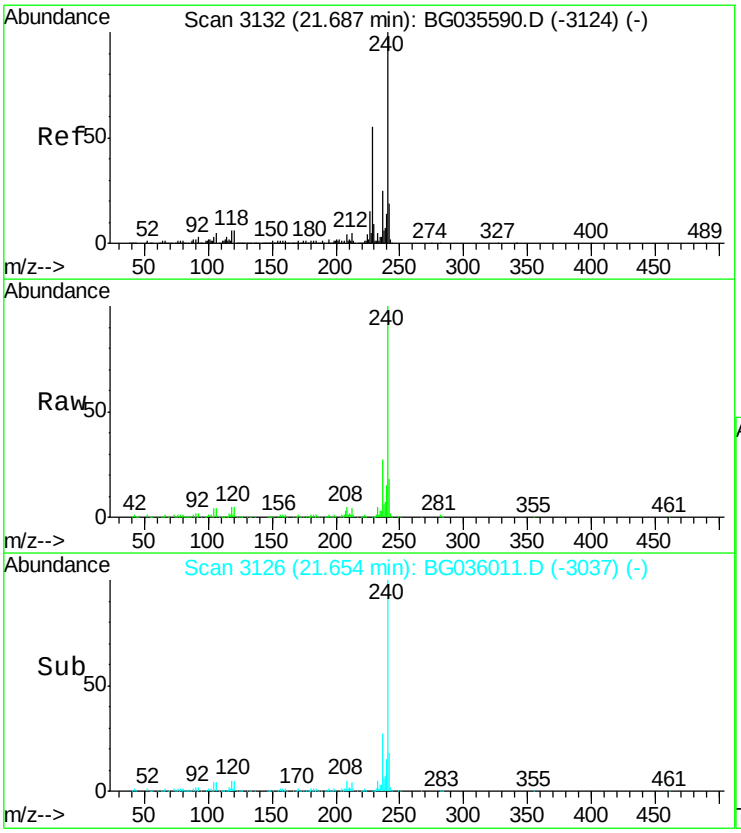
#66
4-Bromophenyl-phenylether
Concen: 5.879 ng
RT: 16.13 min Scan# 2186
Delta R.T. -0.45 min
Lab File: BG036011.D
Acq: 31 Jul 2018 21:23

Instrument :
BNA_G
ClientSampleId :
TP-15-S

Tgt Ion:248 Resp: 18450

Ion	Ratio	Lower	Upper
248	100		
250	185.1	77.1	115.7#
141	465.6	50.8	76.2#

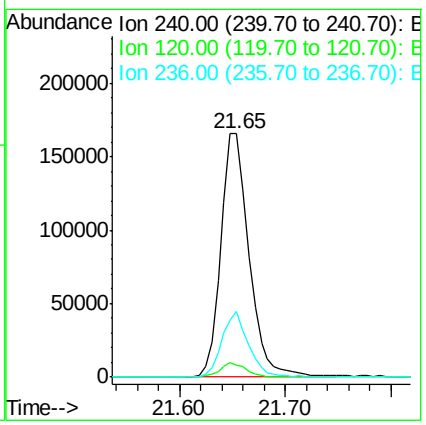


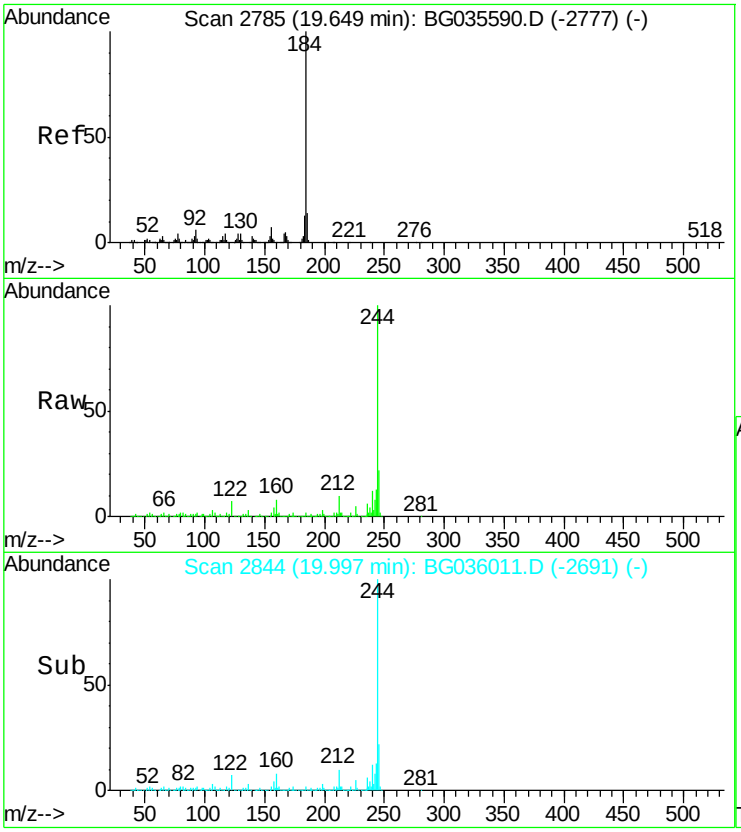


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3126
Delta R.T. -0.01 min
Lab File: BG036011.D
Acq: 31 Jul 2018 21:23

Tgt Ion:240 Resp: 307442

Ion	Ratio	Lower	Upper
240	100		
120	5.0	6.8	10.2#
236	26.8	20.9	31.3



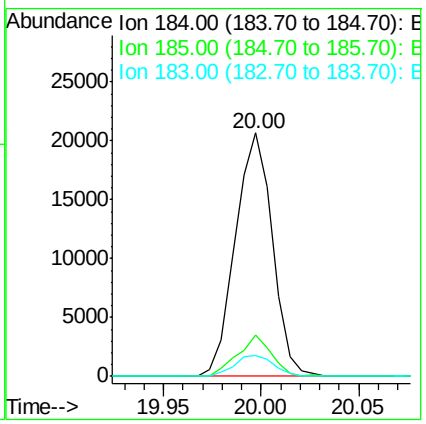


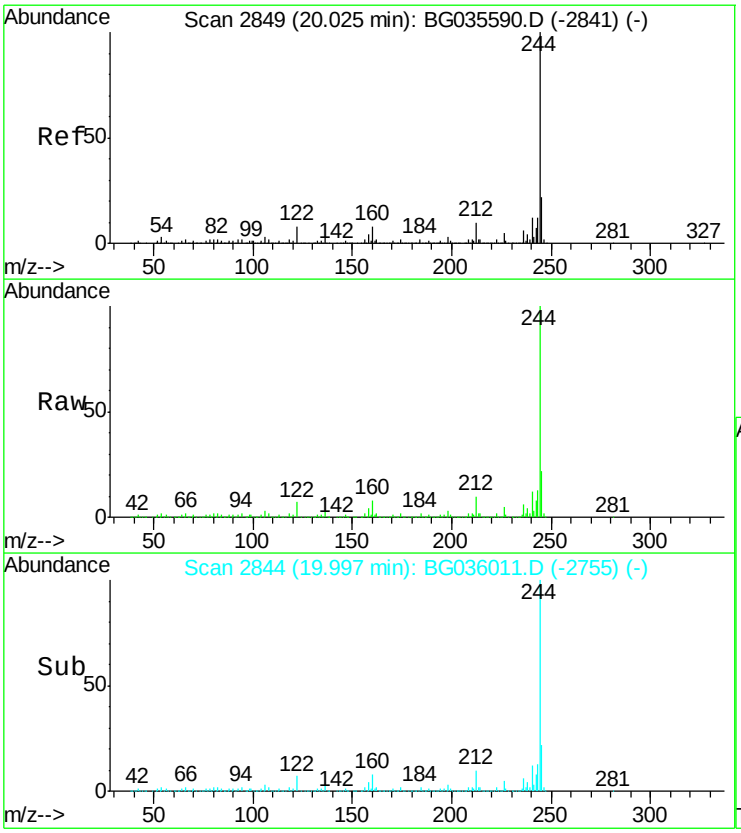
#76
Benzidine
Concen: 3.351 ng
RT: 20.00 min Scan# 2844
Delta R.T. 0.37 min
Lab File: BG036011.D
Acq: 31 Jul 2018 21:23

Instrument :
BNA_G
ClientSampleId :
TP-15-S

Tgt Ion:184 Resp: 27085

Ion	Ratio	Lower	Upper
184	100		
185	17.0	11.1	16.7#
183	8.4	10.6	16.0#

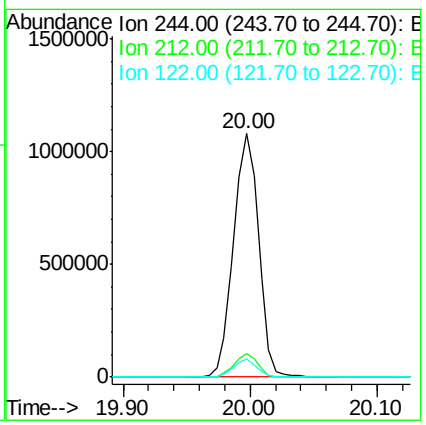


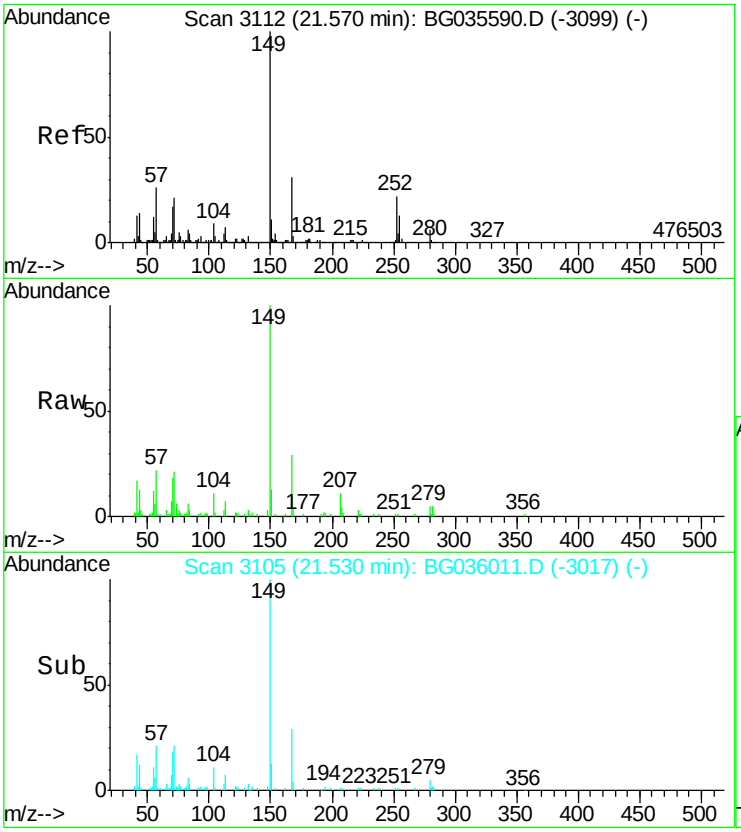


#78
Terphenyl-d14
Concen: 105.739 ng
RT: 20.00 min Scan# 2844
Delta R.T. -0.01 min
Lab File: BG036011.D
Acq: 31 Jul 2018 21:23

Tgt Ion:244 Resp: 1474778

Ion	Ratio	Lower	Upper
244	100		
212	9.8	5.8	8.8#
122	7.3	7.0	10.4



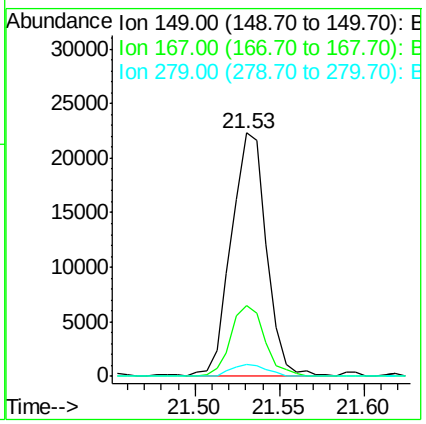


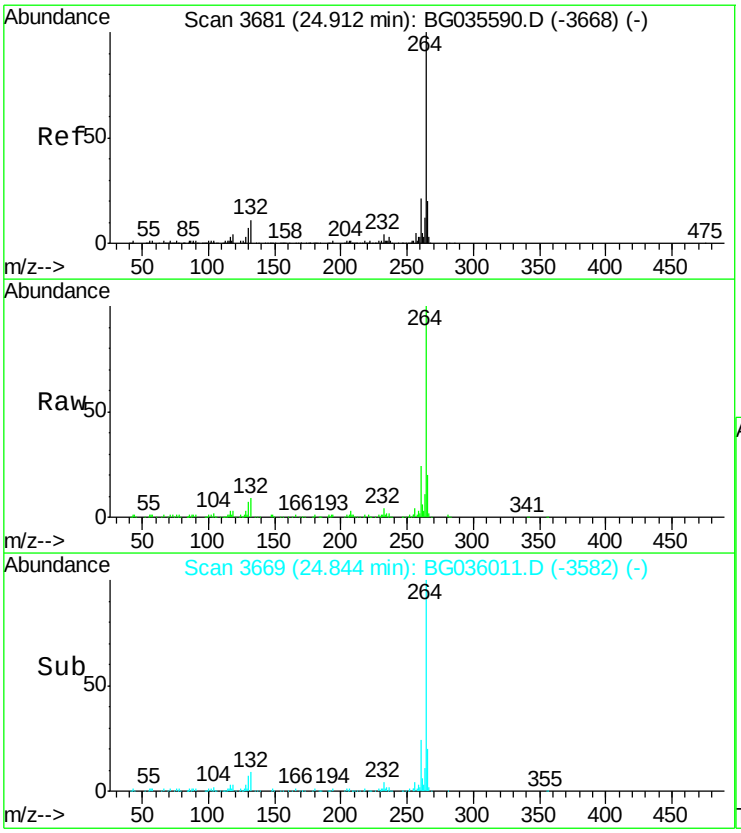
#83
Bis(2-ethylhexyl)phthalate
Concen: 3.427 ng
RT: 21.53 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BG036011.D
Acq: 31 Jul 2018 21:23

Instrument :
BNA_G
ClientSampleId :
TP-15-S

Tgt Ion:149 Resp: 32389

Ion	Ratio	Lower	Upper
149	100		
167	28.9	24.3	36.5
279	4.9	4.0	6.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.84 min Scan# 3669
Delta R.T. -0.02 min
Lab File: BG036011.D
Acq: 31 Jul 2018 21:23

Tgt Ion:264 Resp: 288114

Ion	Ratio	Lower	Upper
264	100		
260	24.5	17.4	26.0
265	20.2	17.7	26.5