Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG073118\
Data File : BG036007.D
Acq On : 31 Jul 2018 18:47
Operator : JU/SJ
Sample : PB111635BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB111635BL

Quant Time: Aug 01 01:08:40 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	8.02	152	40964	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	143311	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	100422	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	280021	20.00	ng	0.00
75) Chrysene-d12	21.65	240	311644	20.00	ng	0.00
86) Perylene-d12	24.85	264	291644	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	336631	136.43	ng	0.00
7) Phenol-d6	7.19	99	472867	128.45	ng	0.00
23) Nitrobenzene-d5	9.19	82	314005	91.53	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	206691	156.16	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	719840	96.03	ng	0.00
78) Terphenyl-d14	19.99	244	1392025	98.46	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.19	70	42506	13.712	ng	# 67
50) 2,6-Dinitrotoluene	14.65	165	13567	7.572	ng	# 20
56) 2,4-Dinitrotoluene	14.65	165	13567	5.278	ng	# 18
66) 4-Bromophenyl-phenylether	16.13	248	17619	5.423	ng	# 1
76) Benzidine	19.99	184	23173	2.828	ng	# 87

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG073118\
Data File : BG036007.D
Acq On : 31 Jul 2018 18:47
Operator : JU/SJ
Sample : PB111635BL
Misc :
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Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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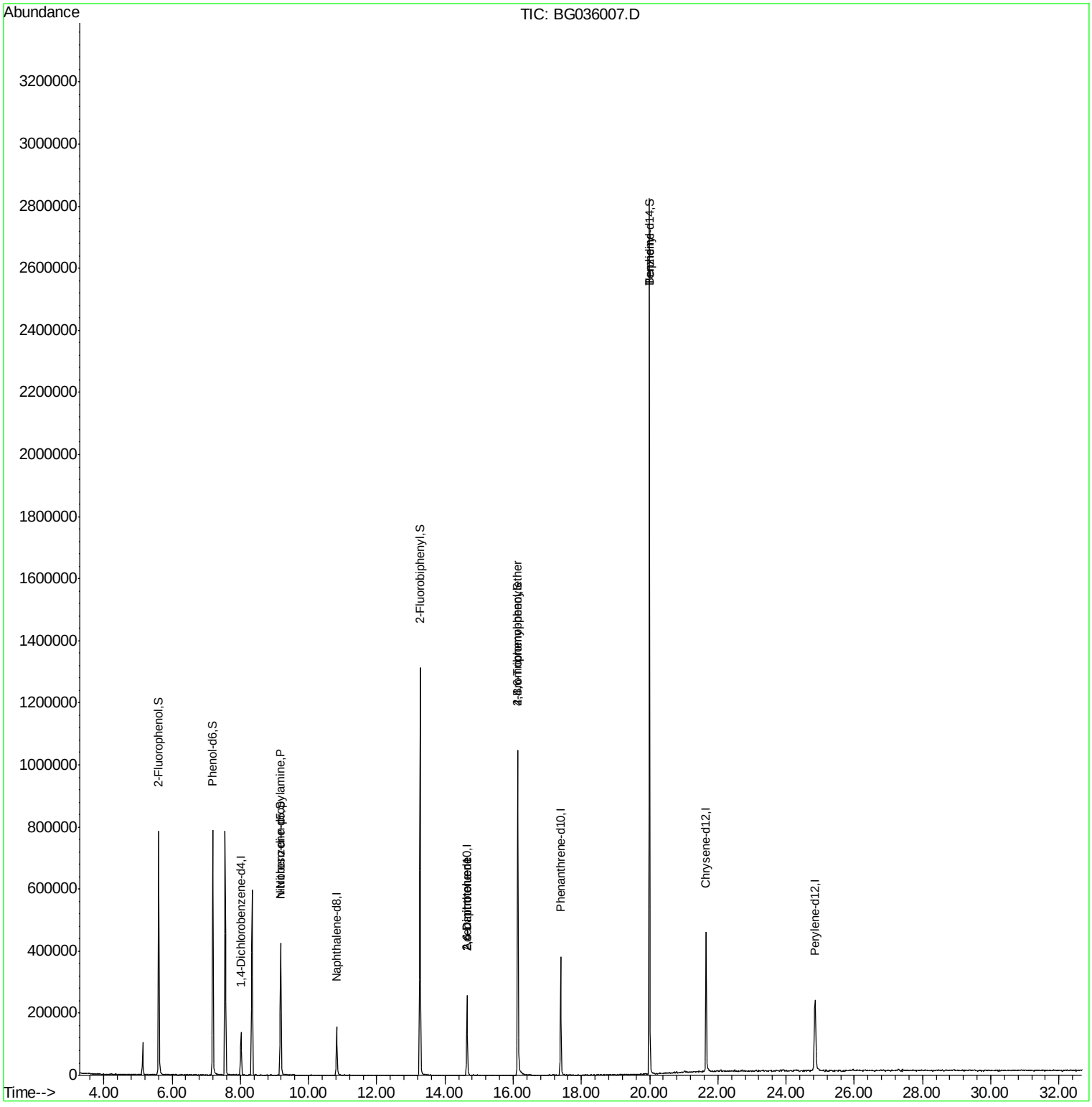
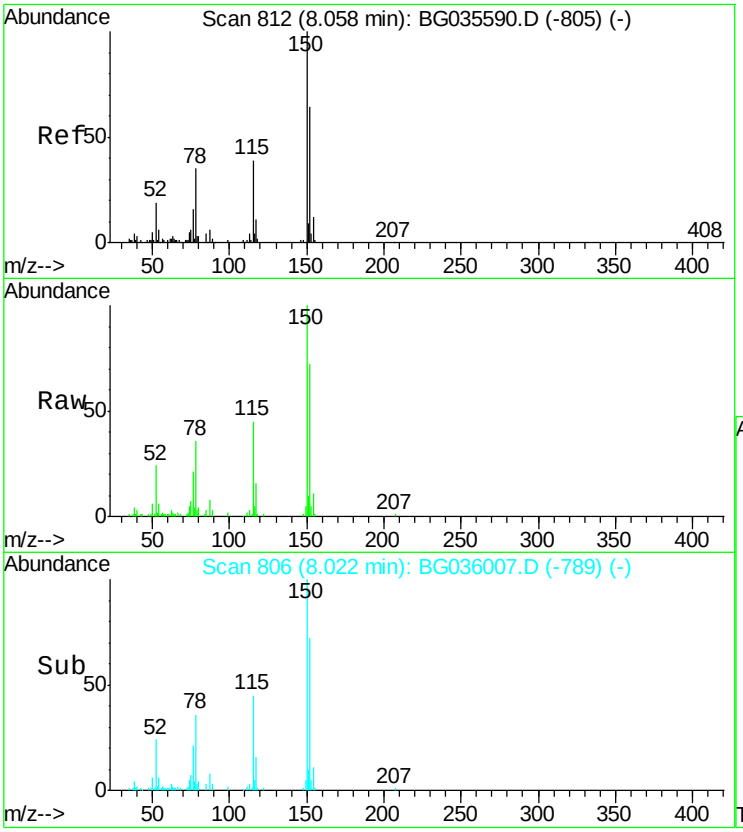
Response via : Initial Calibration



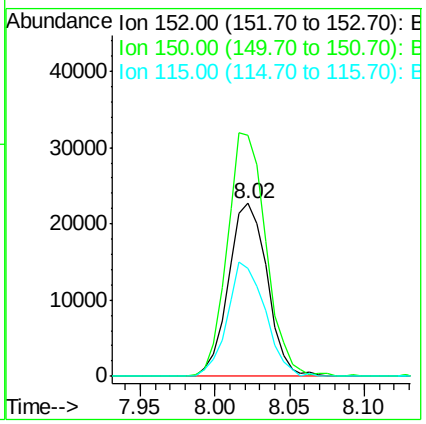


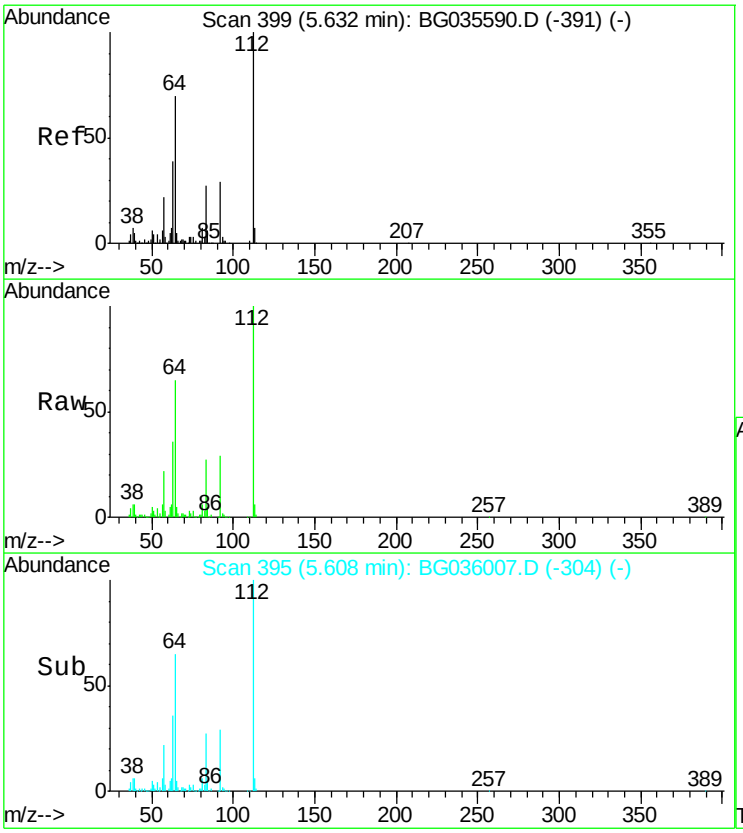
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG036007.D
Acq: 31 Jul 2018 18:47

Instrument :
BNA_G
ClientSampleId :
PB111635BL

Tgt Ion:152 Resp: 40964

Ion	Ratio	Lower	Upper
152	100		
150	139.1	126.6	189.8
115	62.8	53.0	79.4

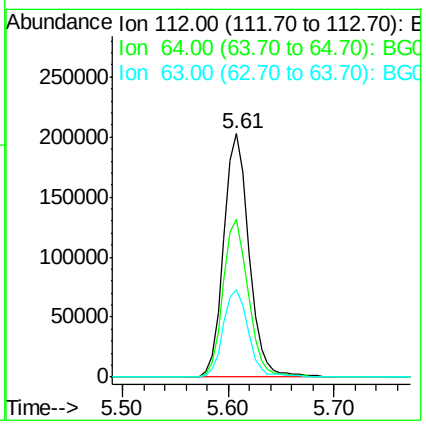


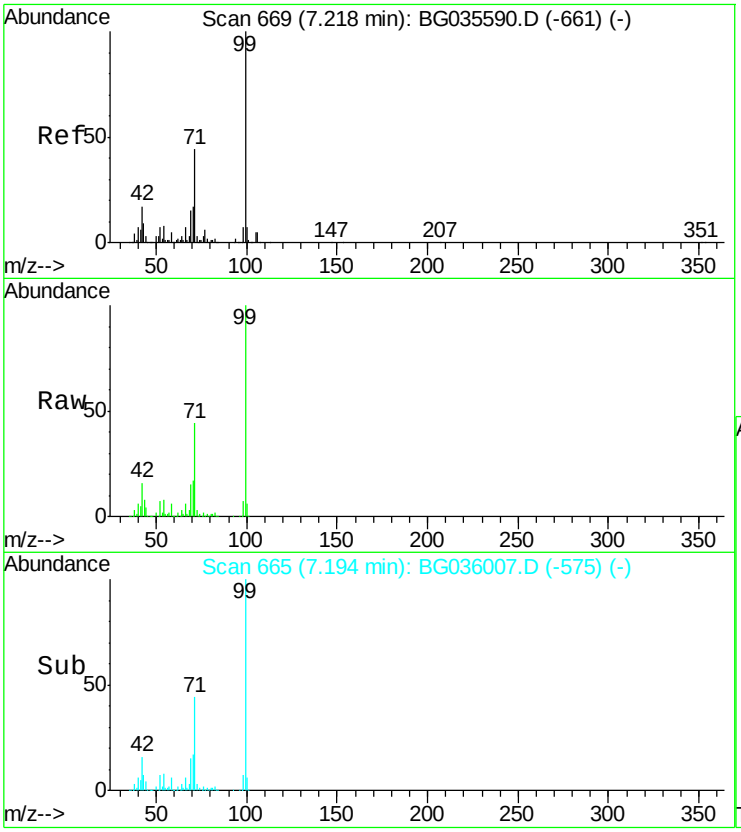


#5
2-Fluorophenol
Concen: 136.434 ng
RT: 5.61 min Scan# 395
Delta R.T. 0.00 min
Lab File: BG036007.D
Acq: 31 Jul 2018 18:47

Tgt Ion:112 Resp: 336631

Ion	Ratio	Lower	Upper
112	100		
64	64.8	56.3	84.5
63	36.1	30.1	45.1



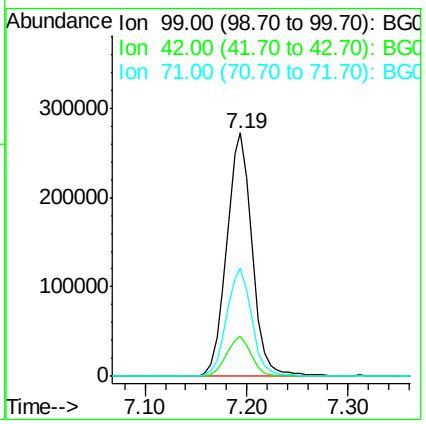


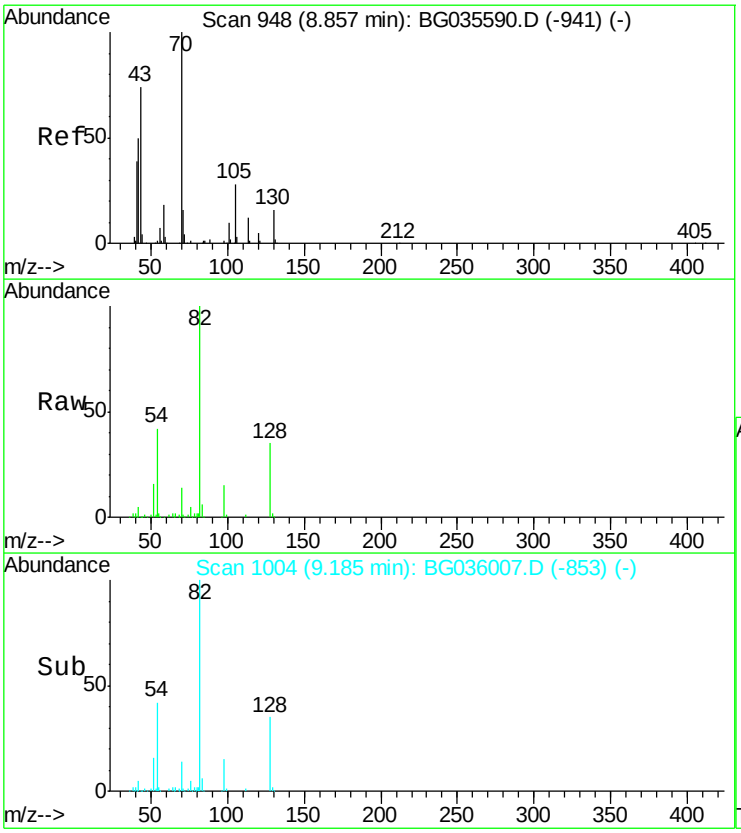
#7
Phenol-d6
Concen: 128.452 ng
RT: 7.19 min Scan# 665
Delta R.T. -0.00 min
Lab File: BG036007.D
Acq: 31 Jul 2018 18:47

Instrument :
BNA_G
ClientSampleId :
PB111635BL

Tgt Ion: 99 Resp: 472867

Ion	Ratio	Lower	Upper
99	100		
42	16.3	14.1	21.1
71	44.5	26.1	39.1#

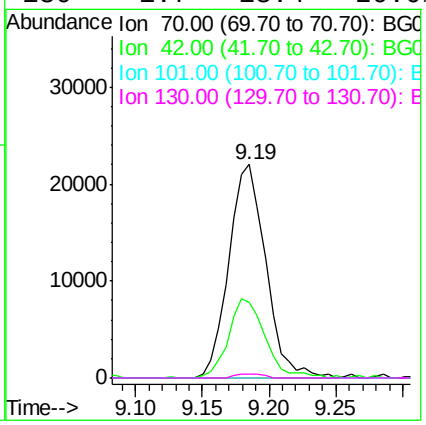


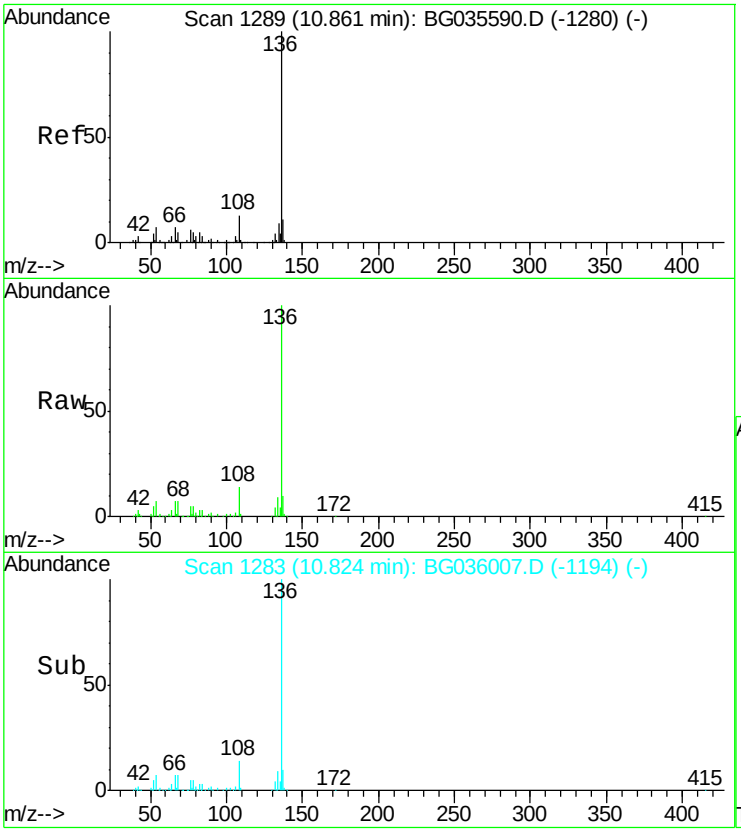


#19
n-Nitroso-di-n-propylamine
Concen: 13.712 ng
RT: 9.19 min Scan# 1004
Delta R.T. 0.36 min
Lab File: BG036007.D
Acq: 31 Jul 2018 18:47

Tgt Ion: 70 Resp: 42506

Ion	Ratio	Lower	Upper
70	100		
42	35.5	49.1	73.7#
101	0.0	8.5	12.7#
130	1.7	13.4	20.0#



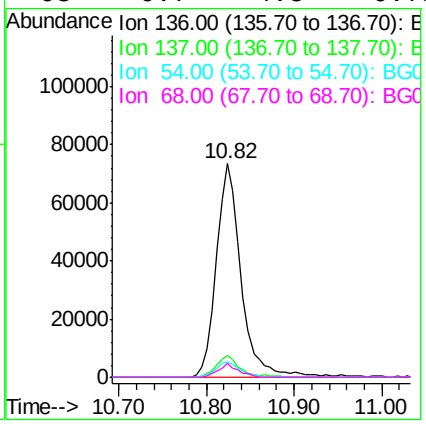


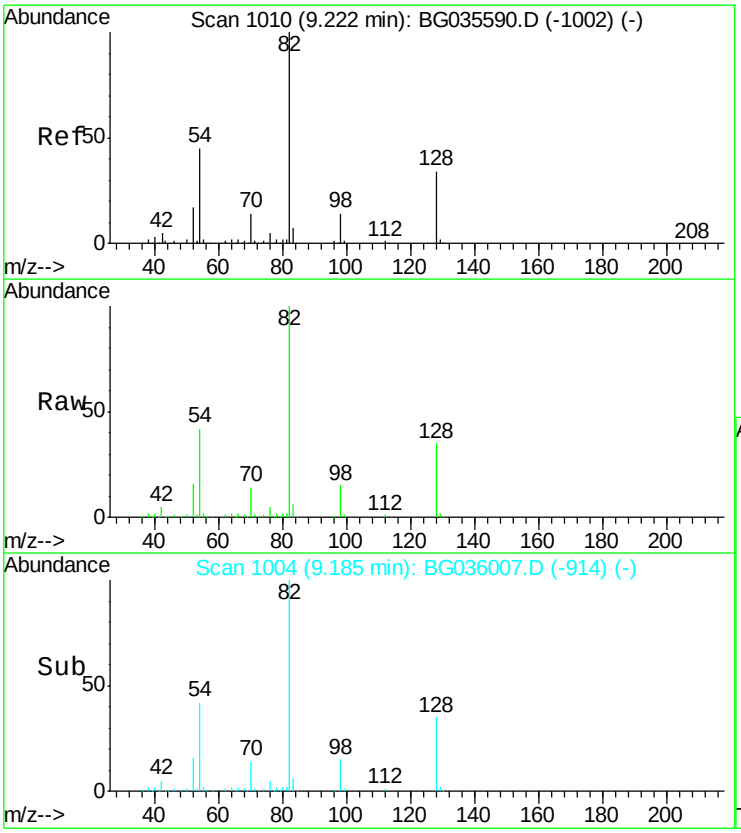
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BG036007.D
Acq: 31 Jul 2018 18:47

Instrument :
BNA_G
ClientSampleId :
PB111635BL

Tgt Ion:136 Resp: 143311

Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.2	13.8
54	7.1	10.3	15.5#
68	6.7	4.5	6.7#

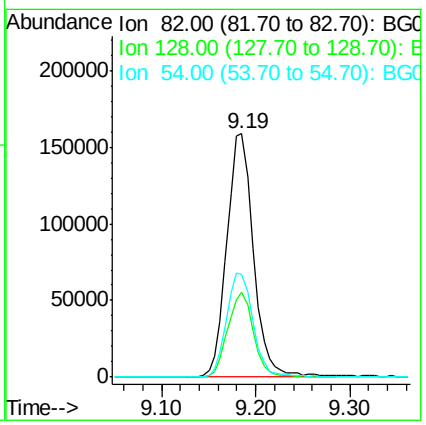


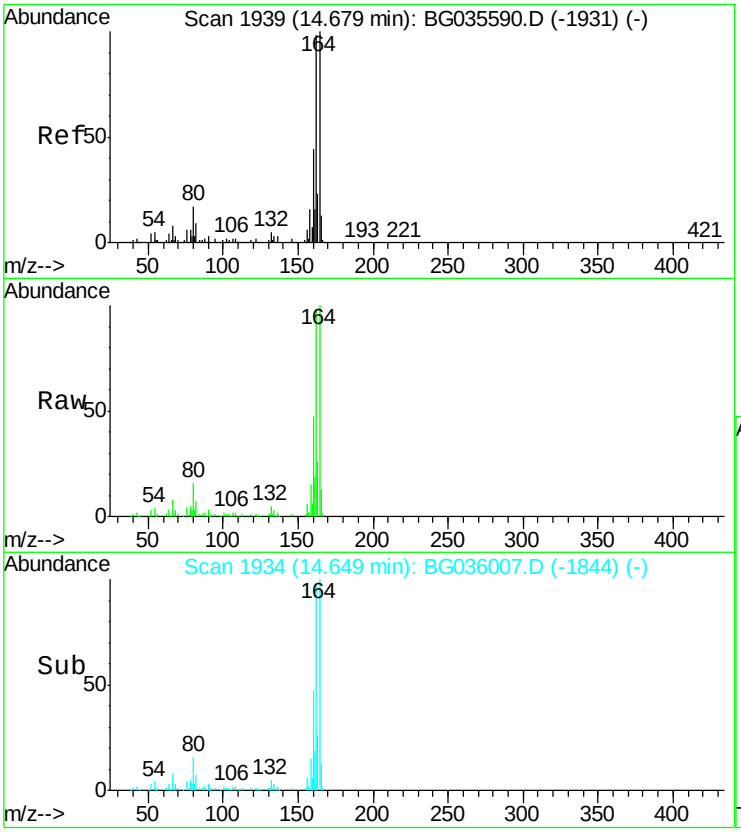


#23
Nitrobenzene-d5
Concen: 91.532 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BG036007.D
Acq: 31 Jul 2018 18:47

Tgt Ion: 82 Resp: 314005

Ion	Ratio	Lower	Upper
82	100		
128	34.9	29.7	44.5
54	42.1	43.1	64.7#



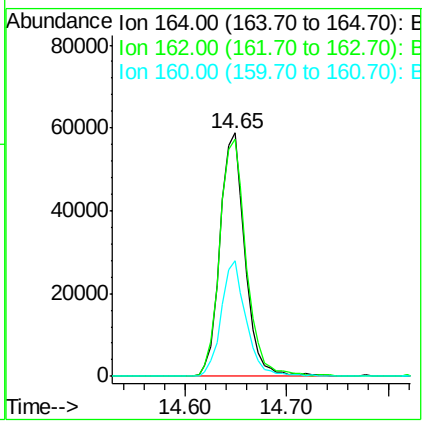


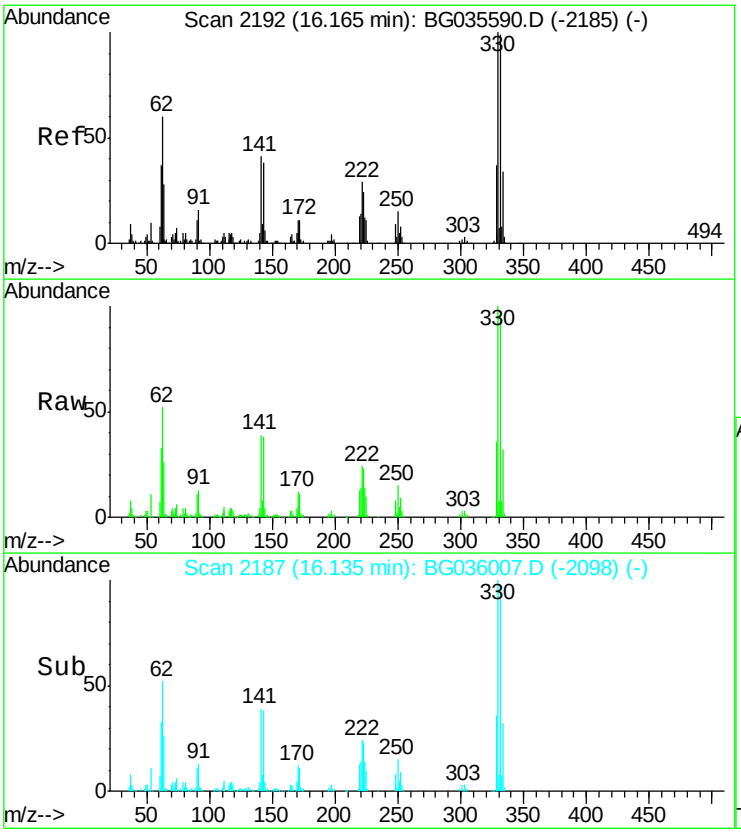
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BG036007.D
Acq: 31 Jul 2018 18:47

Instrument :
BNA_G
ClientSampleId :
PB111635BL

Tgt Ion:164 Resp: 100422

Ion	Ratio	Lower	Upper
164	100		
162	97.5	78.8	118.2
160	47.3	35.4	53.0

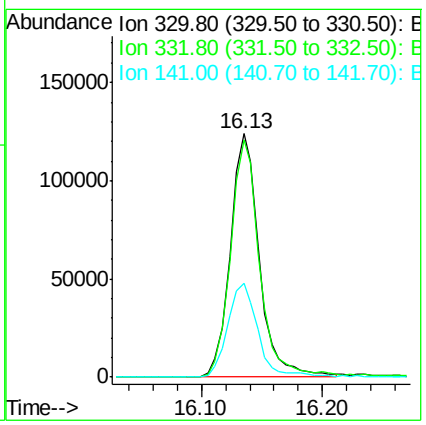


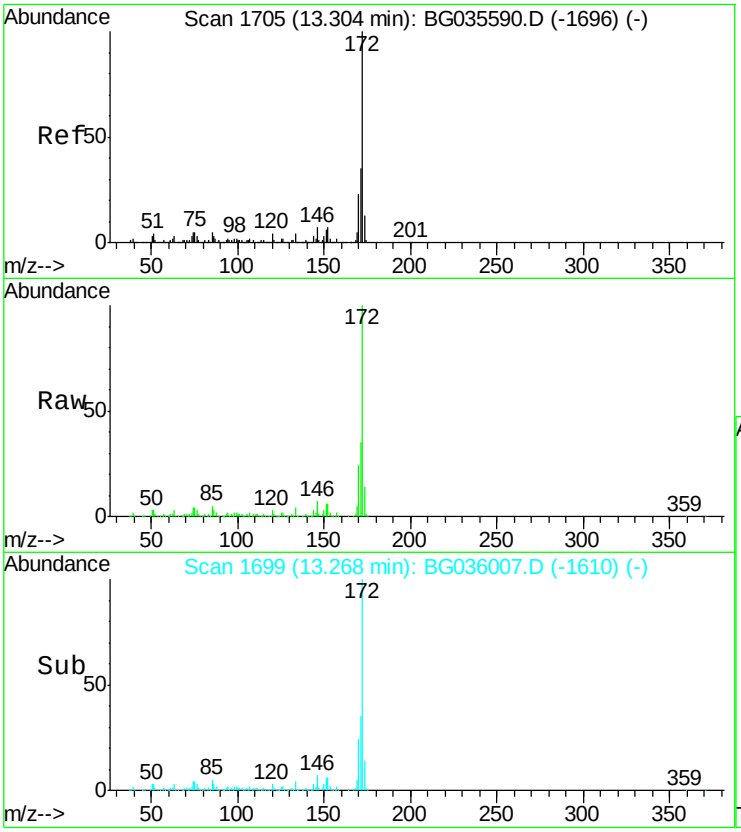


#41
2,4,6-Tribromophenol
Concen: 156.155 ng
RT: 16.13 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BG036007.D
Acq: 31 Jul 2018 18:47

Tgt Ion:330 Resp: 206691

Ion	Ratio	Lower	Upper
330	100		
332	98.8	77.0	115.6
141	40.4	25.2	37.8#



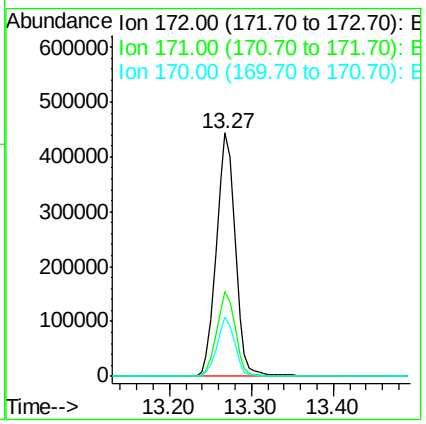


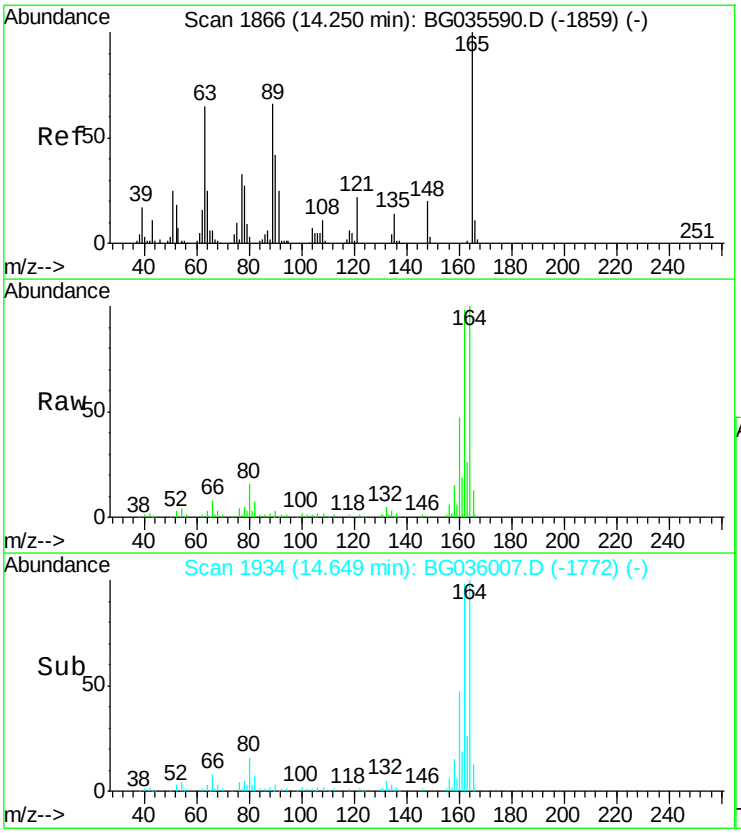
#44
2-Fluorobiphenyl
Concen: 96.035 ng
RT: 13.27 min Scan# 1699
Delta R.T. -0.01 min
Lab File: BG036007.D
Acq: 31 Jul 2018 18:47

Instrument :
BNA_G
ClientSampleId :
PB111635BL

Tgt Ion:172 Resp: 719840

Ion	Ratio	Lower	Upper
172	100		
171	35.1	30.0	45.0
170	24.2	19.5	29.3

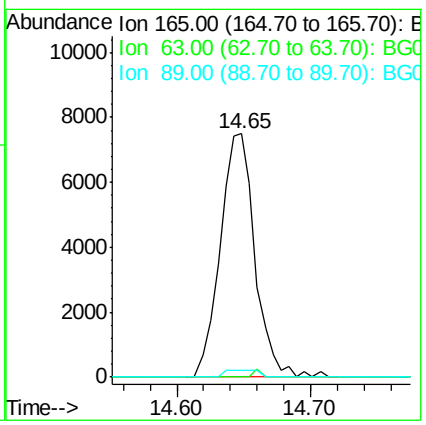


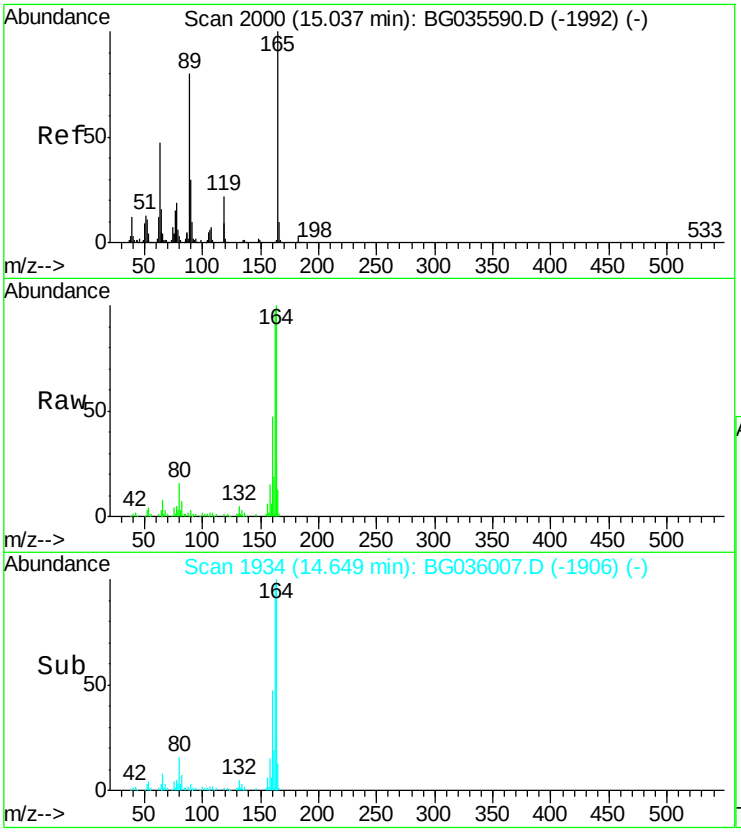


#50
2,6-Dinitrotoluene
Concen: 7.572 ng
RT: 14.65 min Scan# 1934
Delta R.T. 0.42 min
Lab File: BG036007.D
Acq: 31 Jul 2018 18:47

Tgt Ion:165 Resp: 13567

Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	2.8	49.2	73.8#



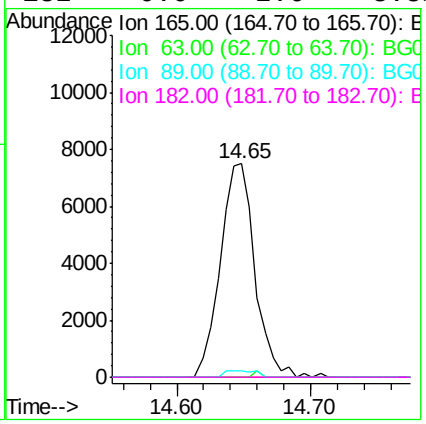


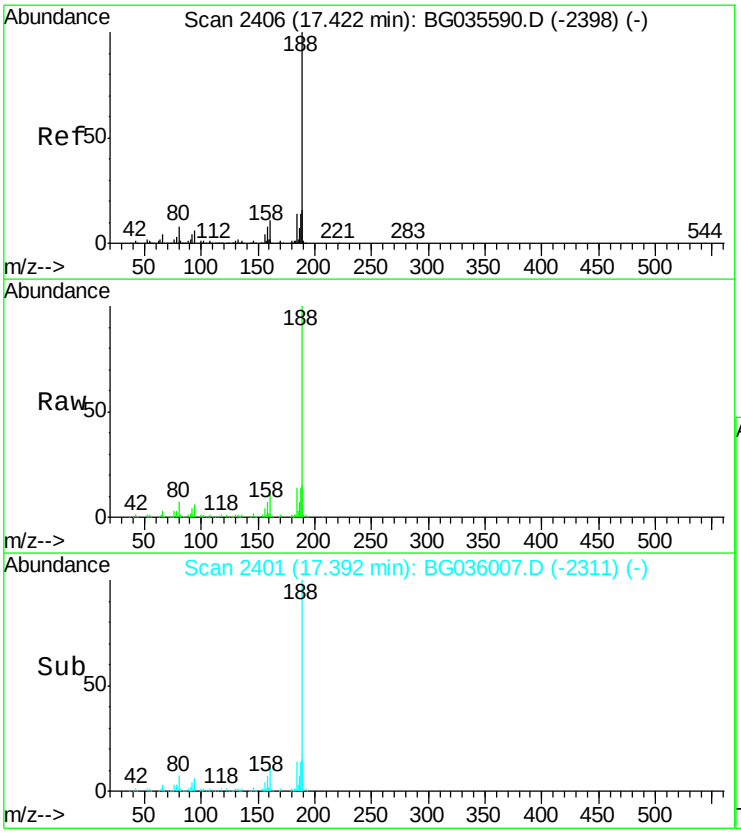
#56
2,4-Dinitrotoluene
Concen: 5.278 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.37 min
Lab File: BG036007.D
Acq: 31 Jul 2018 18:47

Instrument :
BNA_G
ClientSampleId :
PB111635BL

Tgt Ion:165 Resp: 13567

Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	2.8	66.9	100.3#
182	0.0	2.6	3.8#

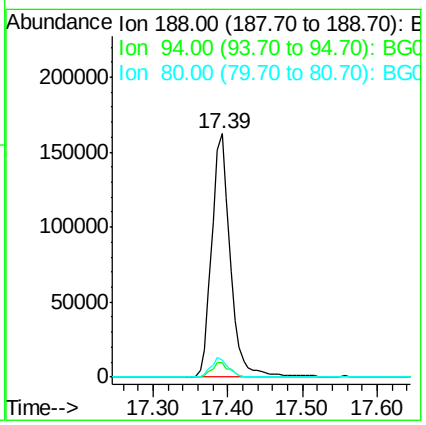


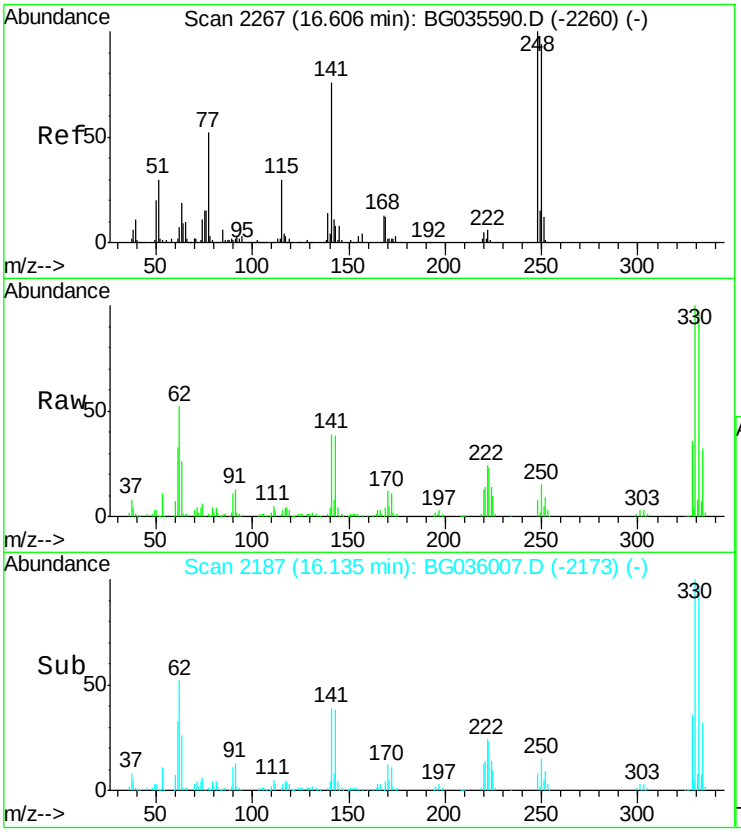


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BG036007.D
Acq: 31 Jul 2018 18:47

Tgt Ion:188 Resp: 280021

Ion	Ratio	Lower	Upper
188	100		
94	6.2	6.9	10.3#
80	6.8	7.7	11.5#



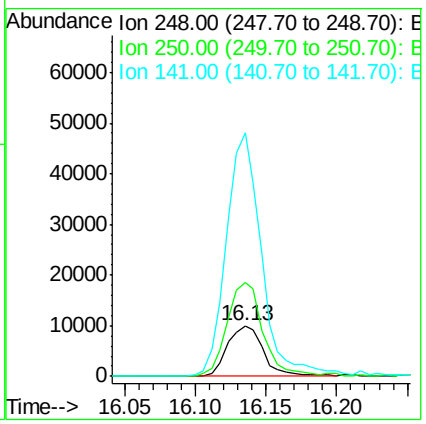


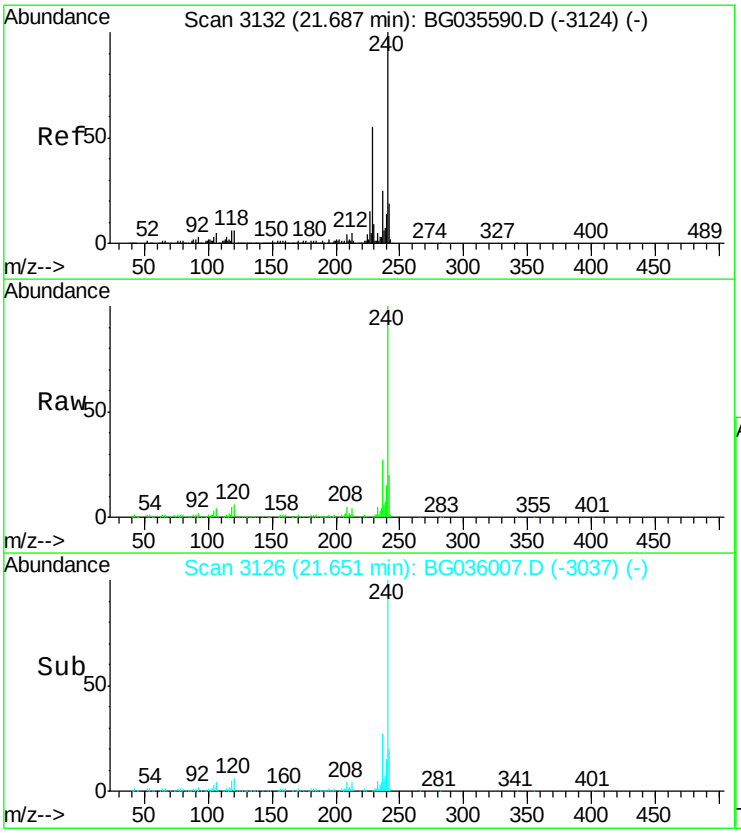
#66
4-Bromophenyl-phenylether
Concen: 5.423 ng
RT: 16.13 min Scan# 2187
Delta R.T. -0.45 min
Lab File: BG036007.D
Acq: 31 Jul 2018 18:47

Instrument :
BNA_G
ClientSampleId :
PB111635BL

Tgt Ion:248 Resp: 17619

Ion	Ratio	Lower	Upper
248	100		
250	185.1	77.1	115.7#
141	481.5	50.8	76.2#

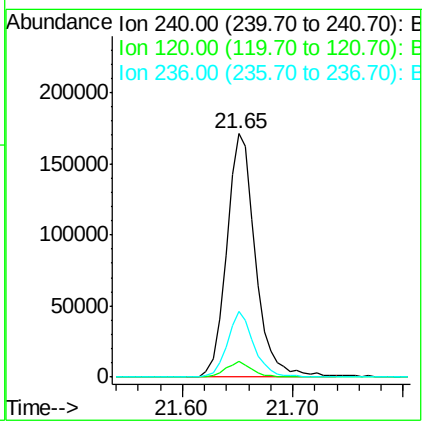


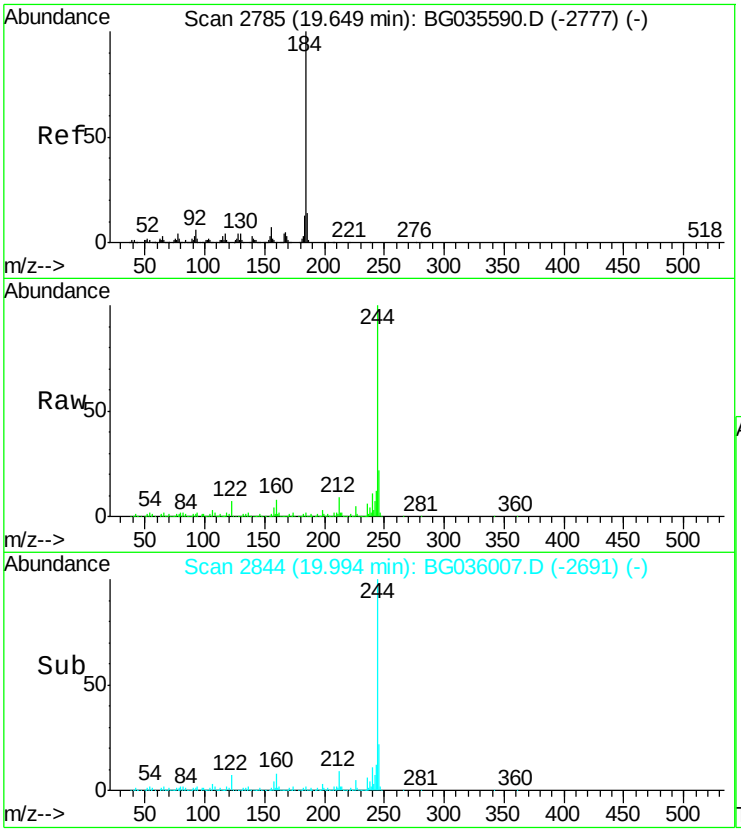


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3126
Delta R.T. -0.01 min
Lab File: BG036007.D
Acq: 31 Jul 2018 18:47

Tgt Ion:240 Resp: 311644

Ion	Ratio	Lower	Upper
240	100		
120	6.4	6.8	10.2#
236	26.8	20.9	31.3



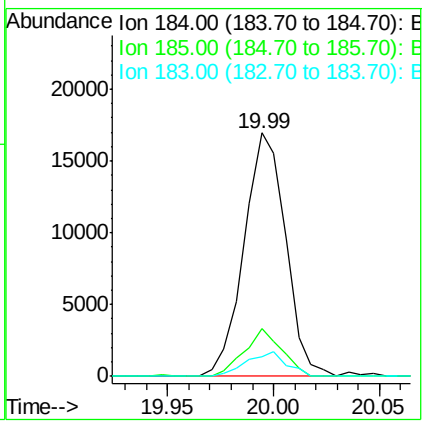


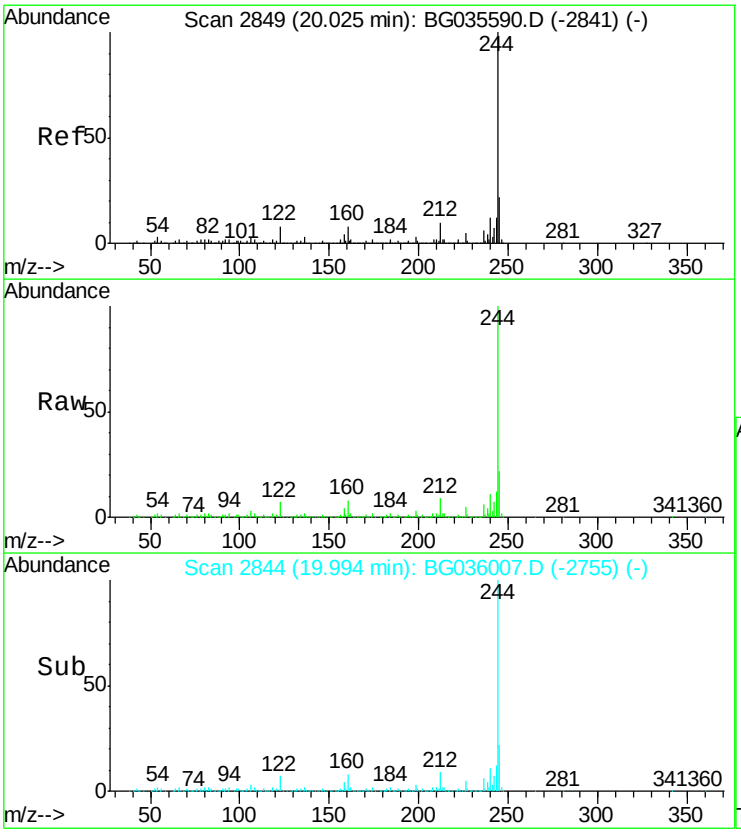
#76
Benzidine
Concen: 2.828 ng
RT: 19.99 min Scan# 2844
Delta R.T. 0.37 min
Lab File: BG036007.D
Acq: 31 Jul 2018 18:47

Instrument :
BNA_G
ClientSampleId :
PB111635BL

Tgt Ion:184 Resp: 23173

Ion	Ratio	Lower	Upper
184	100		
185	19.6	11.1	16.7#
183	8.3	10.6	16.0#

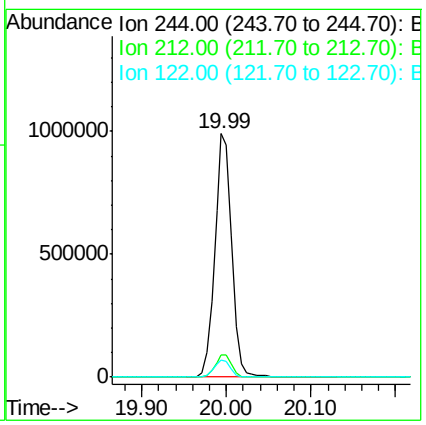


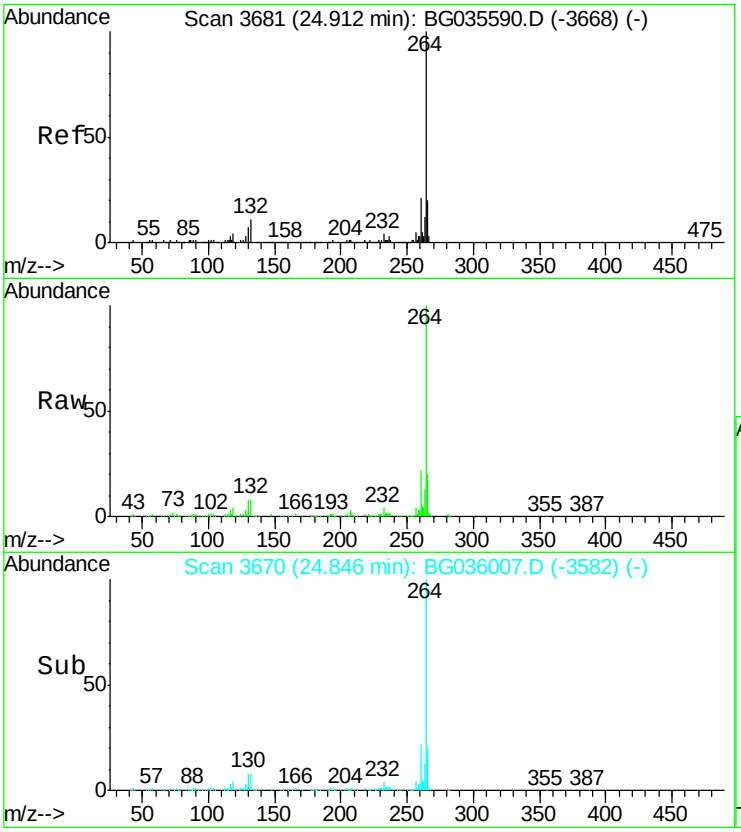


#78
Terphenyl-d14
Concen: 98.460 ng
RT: 19.99 min Scan# 2844
Delta R.T. -0.01 min
Lab File: BG036007.D
Acq: 31 Jul 2018 18:47

Tgt Ion:244 Resp: 1392025

Ion	Ratio	Lower	Upper
244	100		
212	9.3	5.8	8.8#
122	7.1	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3670
Delta R.T. -0.01 min
Lab File: BG036007.D
Acq: 31 Jul 2018 18:47

Instrument :
BNA_G
ClientSampleId :
PB111635BL

Tgt Ion:264 Resp: 291644

Ion	Ratio	Lower	Upper
264	100		
260	21.8	17.4	26.0
265	20.2	17.7	26.5