Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080118\
Data File : BG036041.D
Acq On : 1 Aug 2018 19:51
Operator : JU/SJ
Sample : J4256-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Aug 02 08:23:21 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	31961	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	112489	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	82834	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	246287	20.00	ng	0.00
75) Chrysene-d12	21.65	240	291266	20.00	ng	0.00
86) Perylene-d12	24.85	264	276720	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	113458	58.94	ng	0.00
7) Phenol-d6	7.19	99	95268	33.17	ng	0.00
23) Nitrobenzene-d5	9.18	82	249578	92.69	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	189010	173.12	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	586885	94.92	ng	0.00
78) Terphenyl-d14	19.99	244	1301459	98.49	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.19	70	35933	14.857	ng	# 67
50) 2,6-Dinitrotoluene	14.64	165	10975	7.426	ng	# 20
53) 2,4-Dinitrophenol	14.90	184	87	6.687	ng	# 1
55) 4-Nitrophenol	14.90	139	4236	3.938	ng	# 1
56) 2,4-Dinitrotoluene	14.64	165	10975	5.176	ng	# 18
66) 4-Bromophenyl-phenylether	16.14	248	14666	5.133	ng	# 1
76) Benzidine	19.99	184	22497	2.938	ng	# 93

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080118\
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Acq On : 1 Aug 2018 19:51
Operator : JU/SJ
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Misc :
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Instrument :
BNA_G
ClientSampleId :

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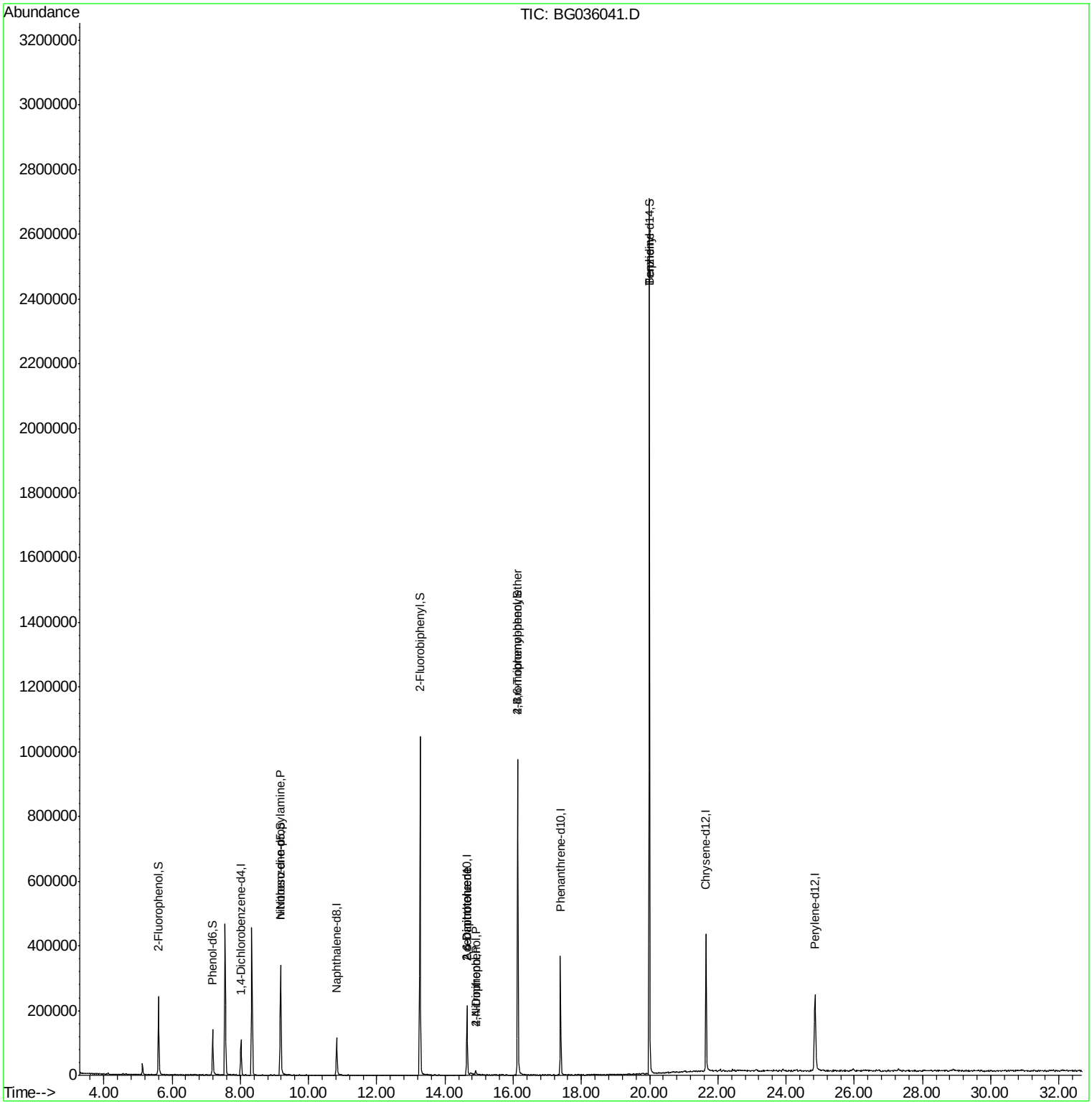
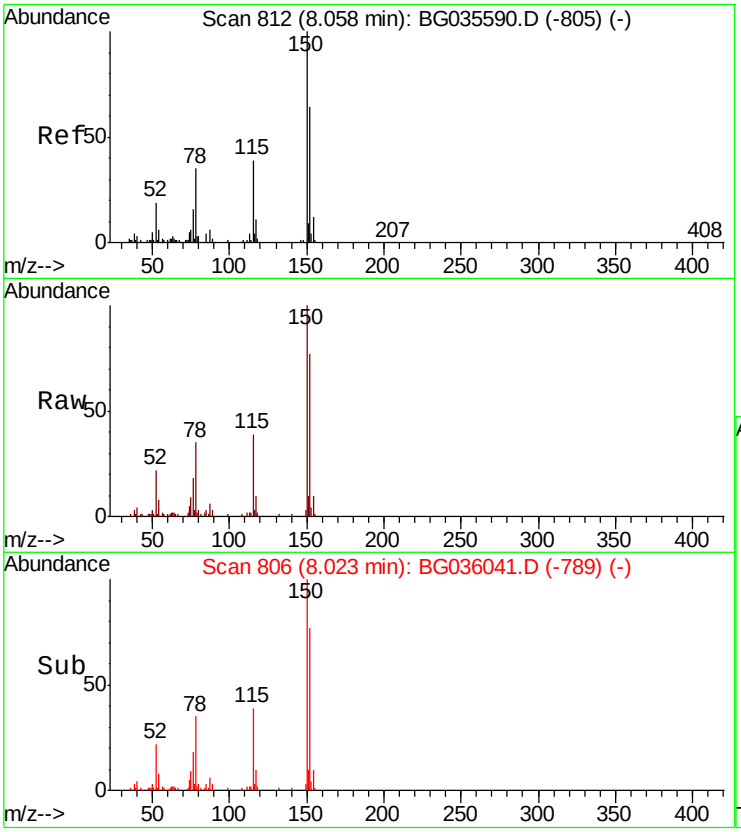
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 12:30:06 2018
Response via : Initial Calibration



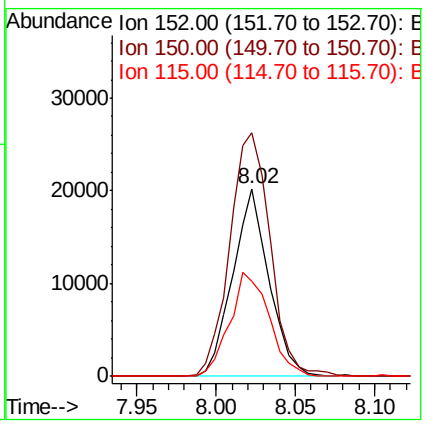


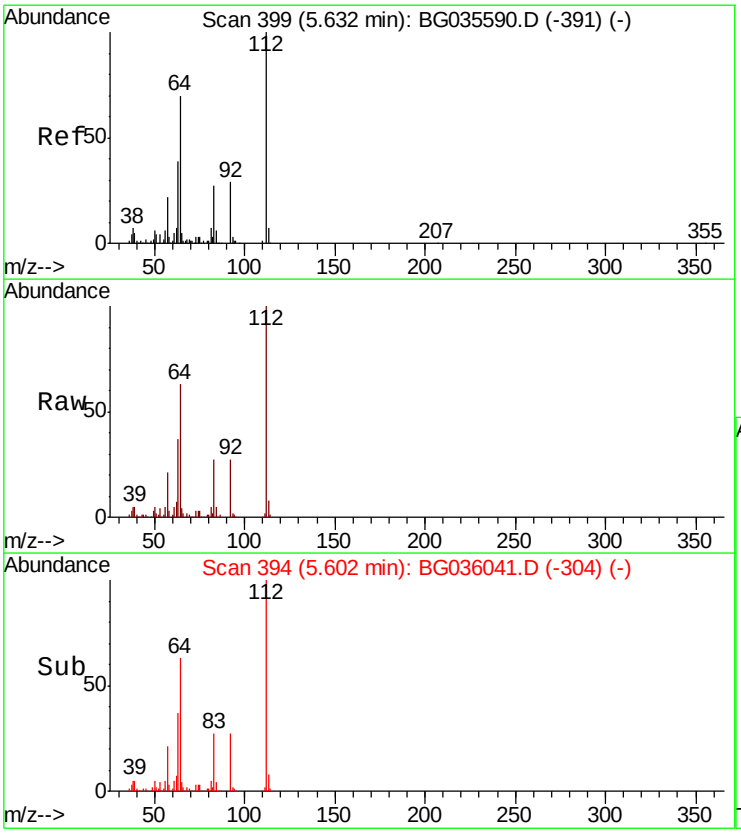
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG036041.D
Acq: 1 Aug 2018 19:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 31961

Ion	Ratio	Lower	Upper
152	100		
150	129.9	126.6	189.8
115	50.6	53.0	79.4#

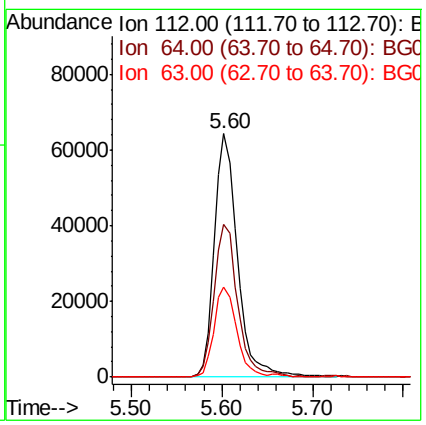


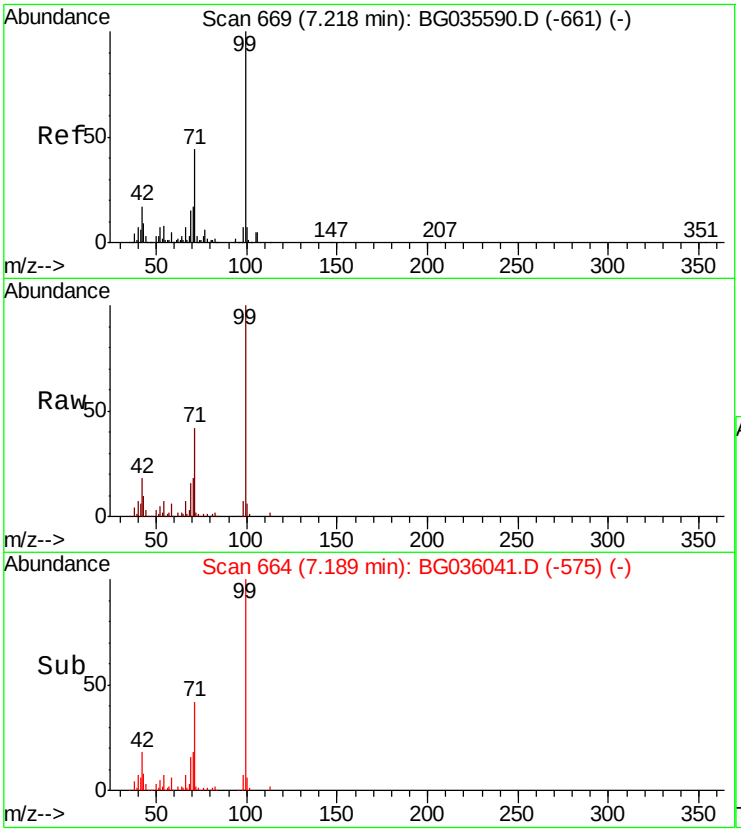


#5
2-Fluorophenol
Concen: 58.936 ng
RT: 5.60 min Scan# 394
Delta R.T. -0.00 min
Lab File: BG036041.D
Acq: 1 Aug 2018 19:51

Tgt Ion:112 Resp: 113458

Ion	Ratio	Lower	Upper
112	100		
64	63.0	56.3	84.5
63	37.0	30.1	45.1



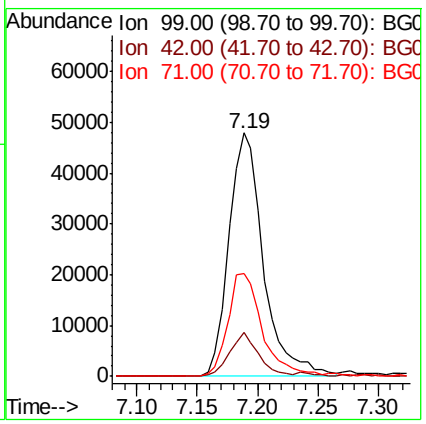


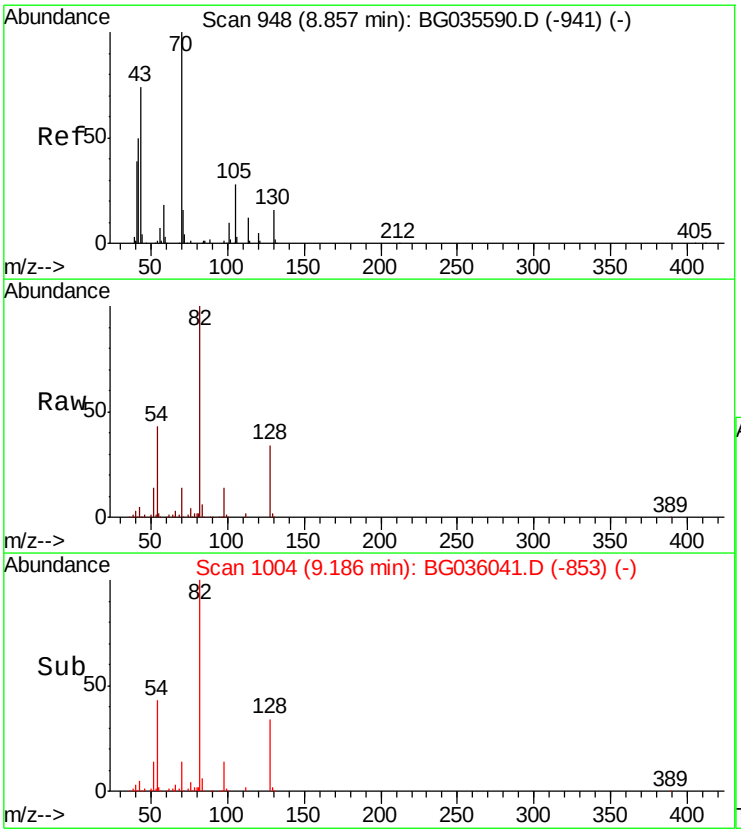
#7
Phenol-d6
Concen: 33.169 ng
RT: 7.19 min Scan# 664
Delta R.T. -0.01 min
Lab File: BG036041.D
Acq: 1 Aug 2018 19:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 95268

Ion	Ratio	Lower	Upper
99	100		
42	18.1	14.1	21.1
71	42.0	26.1	39.1#

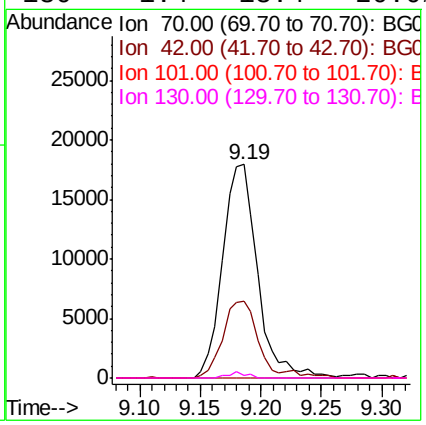


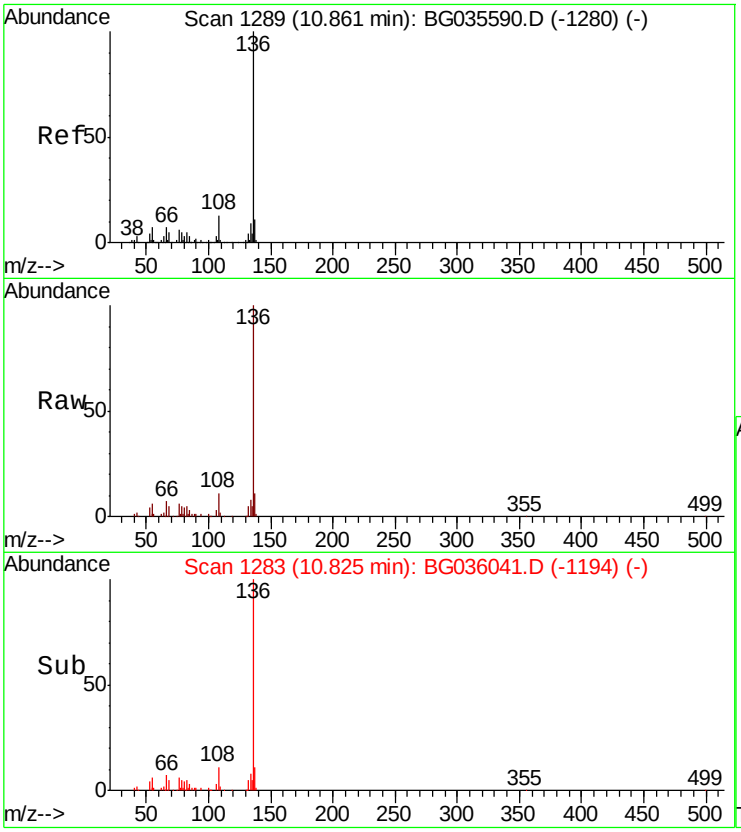


#19
n-Nitroso-di-n-propylamine
Concen: 14.857 ng
RT: 9.19 min Scan# 1004
Delta R.T. 0.36 min
Lab File: BG036041.D
Acq: 1 Aug 2018 19:51

Tgt Ion: 70 Resp: 35933

Ion	Ratio	Lower	Upper
70	100		
42	36.0	49.1	73.7#
101	0.0	8.5	12.7#
130	1.4	13.4	20.0#



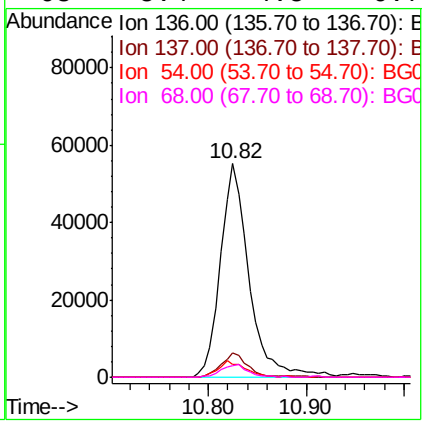


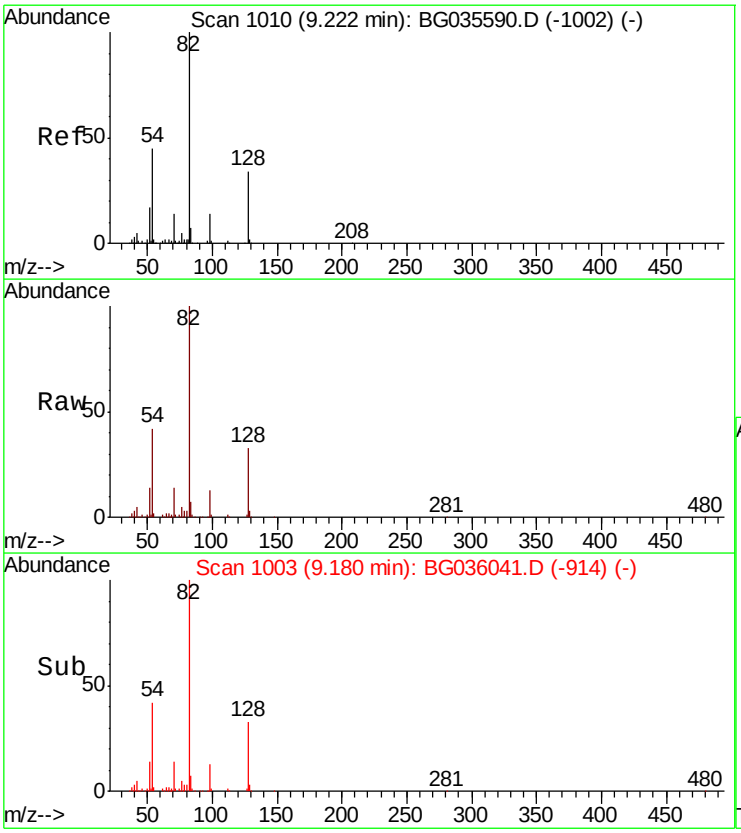
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BG036041.D
Acq: 1 Aug 2018 19:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 112489

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.2	13.8
54	6.2	10.3	15.5#
68	5.4	4.5	6.7

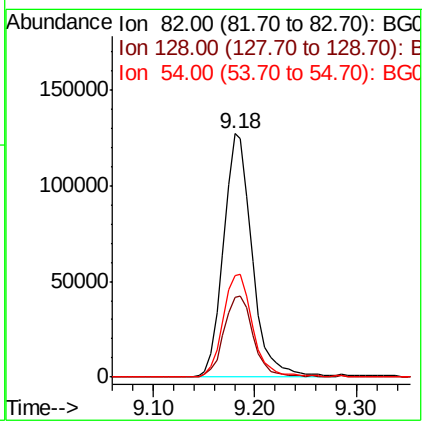


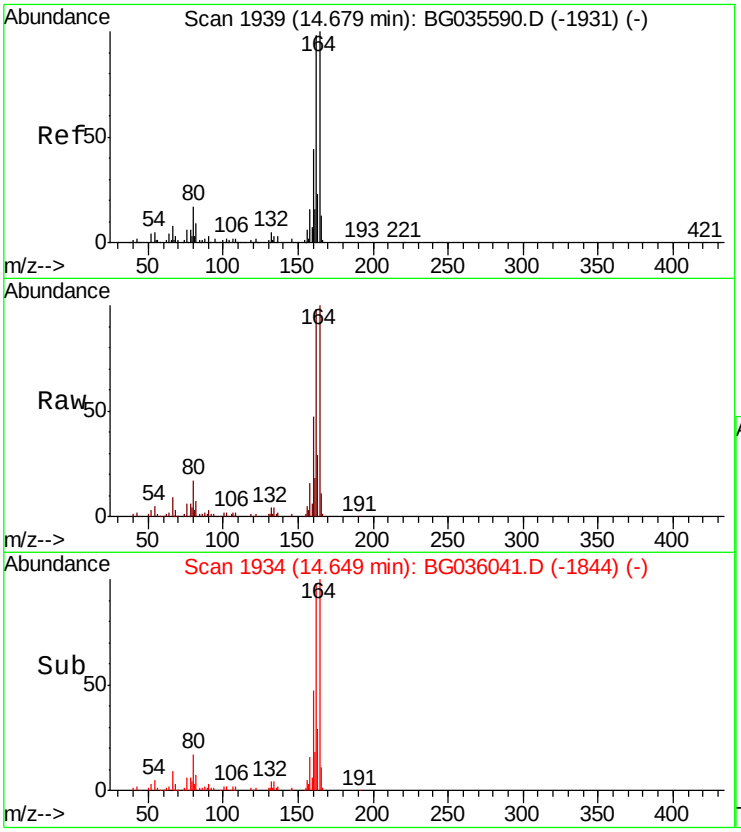


#23
Nitrobenzene-d5
Concen: 92.685 ng
RT: 9.18 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG036041.D
Acq: 1 Aug 2018 19:51

Tgt Ion: 82 Resp: 249578

Ion	Ratio	Lower	Upper
82	100		
128	32.8	29.7	44.5
54	41.8	43.1	64.7#



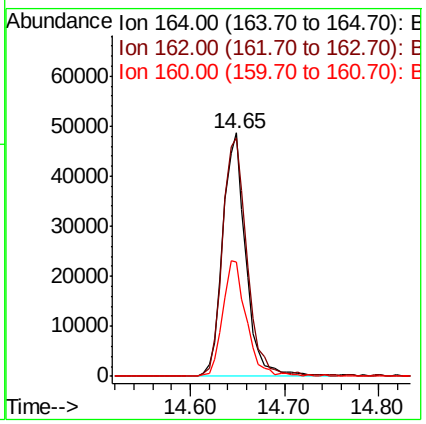


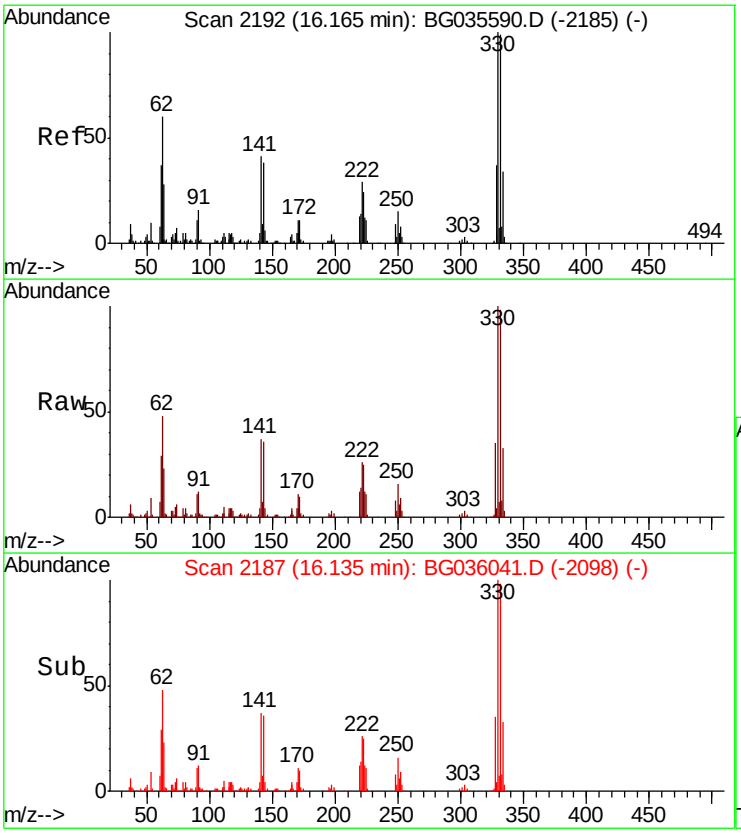
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BG036041.D
Acq: 1 Aug 2018 19:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 82834

Ion	Ratio	Lower	Upper
164	100		
162	98.1	78.8	118.2
160	47.2	35.4	53.0

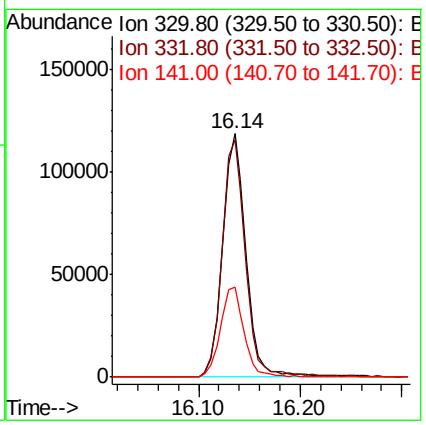


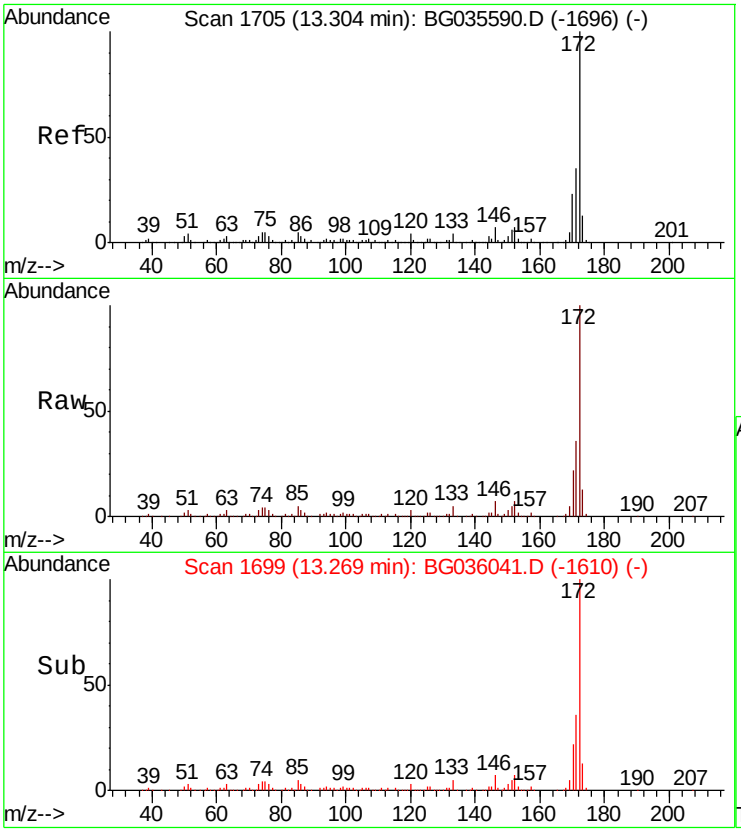


#41
2,4,6-Tribromophenol
Concen: 173.117 ng
RT: 16.14 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BG036041.D
Acq: 1 Aug 2018 19:51

Tgt Ion:330 Resp: 189010

Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.0	115.6
141	37.7	25.2	37.8



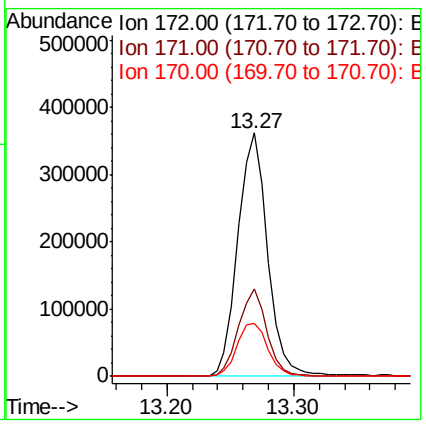


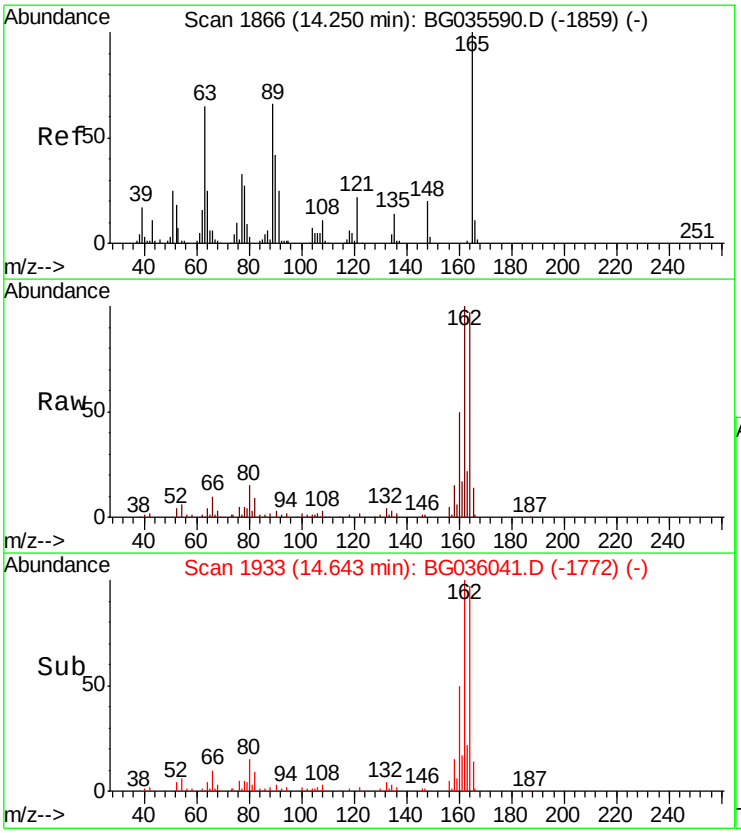
#44
2-Fluorobiphenyl
Concen: 94.922 ng
RT: 13.27 min Scan# 1699
Delta R.T. -0.01 min
Lab File: BG036041.D
Acq: 1 Aug 2018 19:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 586885

Ion	Ratio	Lower	Upper
172	100		
171	36.0	30.0	45.0
170	21.9	19.5	29.3

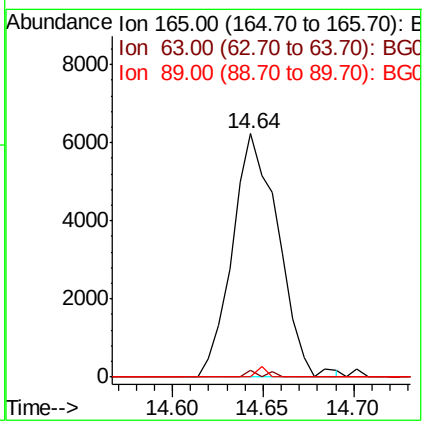


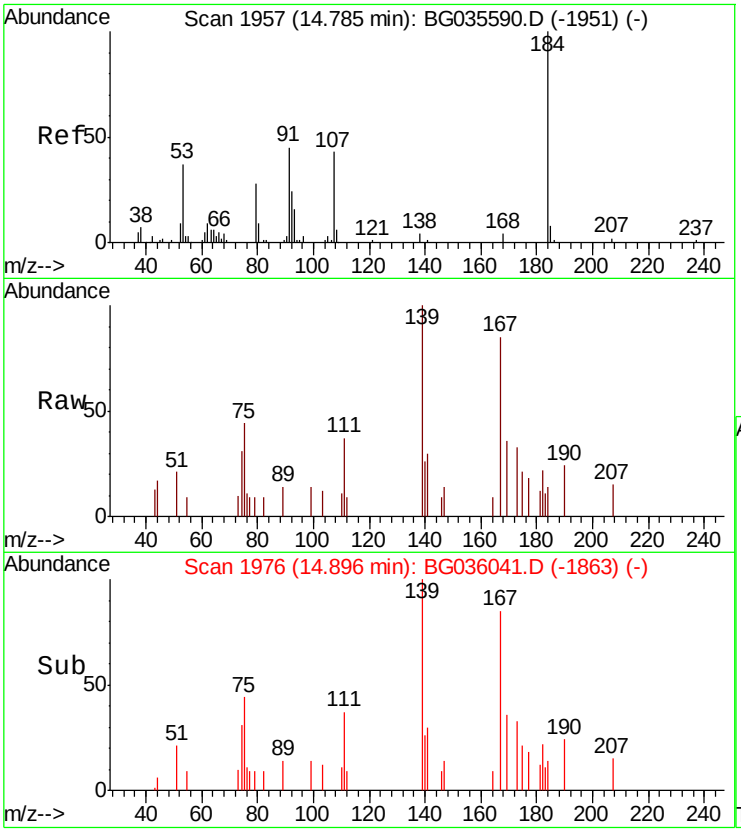


#50
2,6-Dinitrotoluene
Concen: 7.426 ng
RT: 14.64 min Scan# 1933
Delta R.T. 0.42 min
Lab File: BG036041.D
Acq: 1 Aug 2018 19:51

Tgt Ion:165 Resp: 10975

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



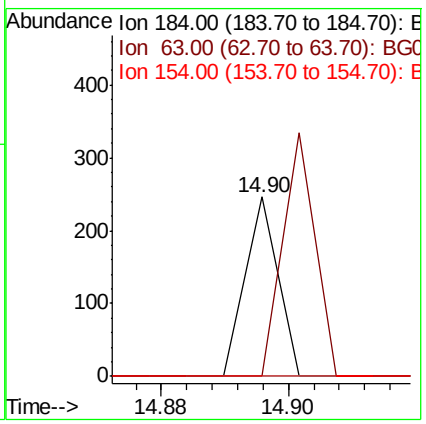


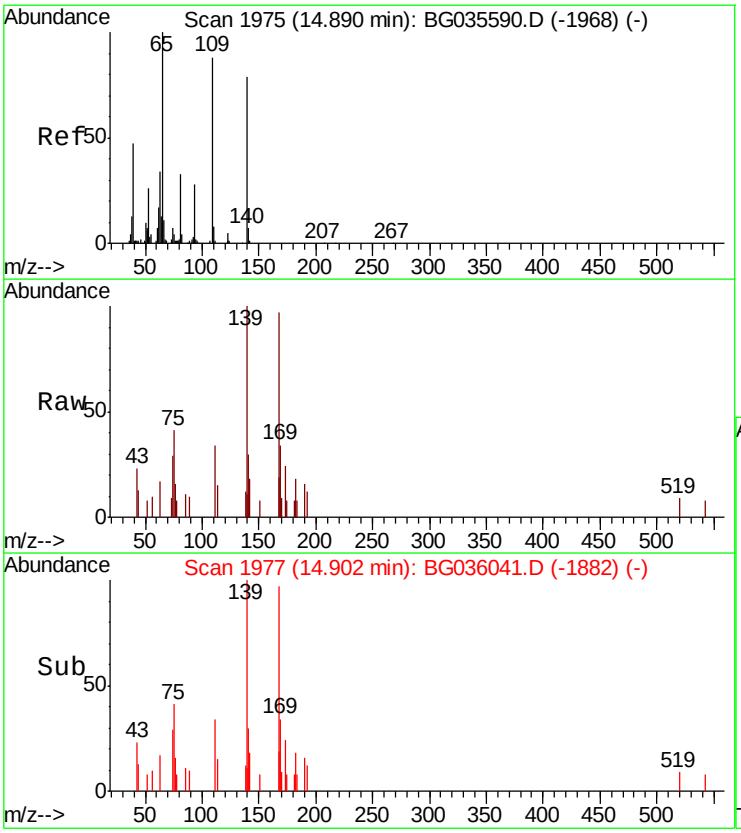
#53
2,4-Dinitrophenol
Concen: 6.687 ng
RT: 14.90 min Scan# 1976
Delta R.T. 0.13 min
Lab File: BG036041.D
Acq: 1 Aug 2018 19:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 87

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

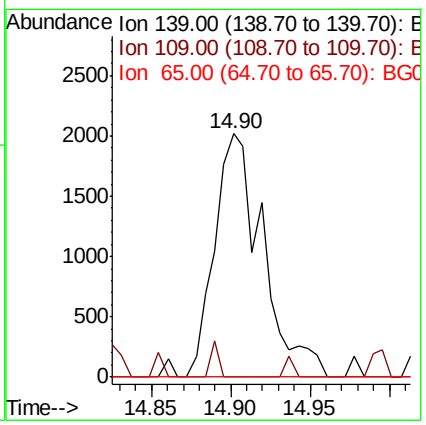


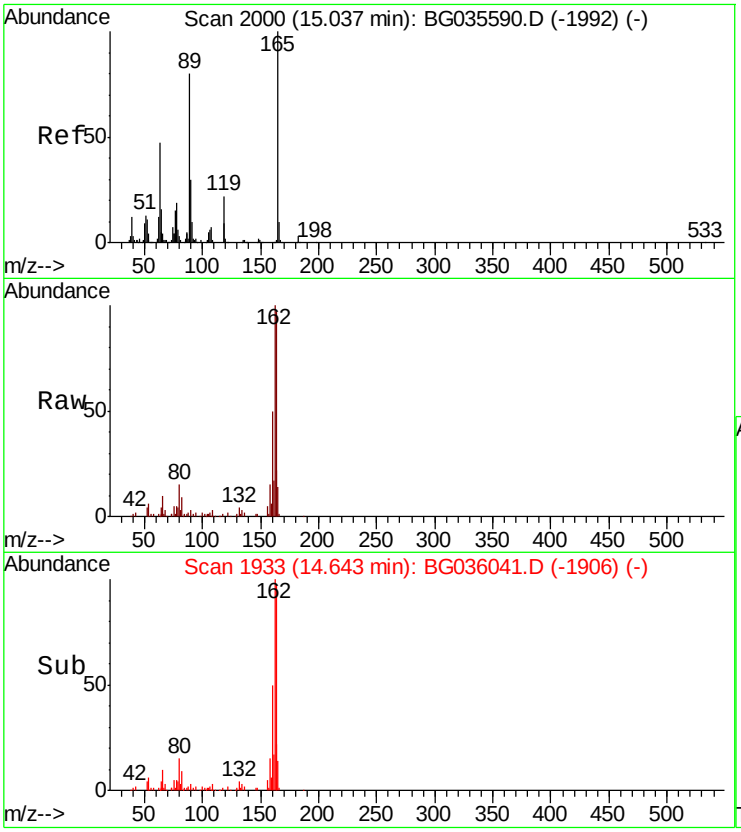


#55
4-Nitrophenol
Concen: 3.938 ng
RT: 14.90 min Scan# 1977
Delta R.T. 0.03 min
Lab File: BG036041.D
Acq: 1 Aug 2018 19:51

Tgt Ion:139 Resp: 4236

Ion	Ratio	Lower	Upper
139	100		
109	0.0	62.2	102.2#
65	0.0	97.2	137.2#



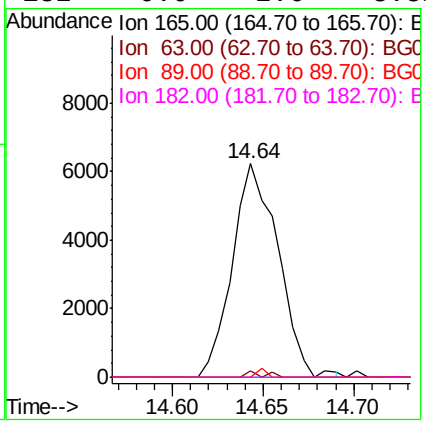


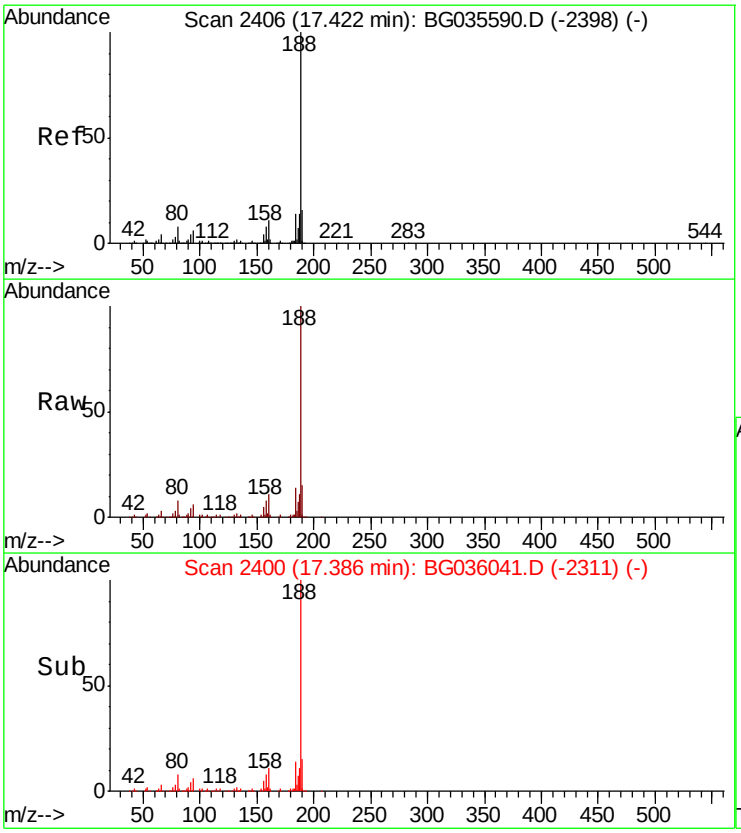
#56
2,4-Dinitrotoluene
Concen: 5.176 ng
RT: 14.64 min Scan# 1933
Delta R.T. -0.37 min
Lab File: BG036041.D
Acq: 1 Aug 2018 19:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 10975

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

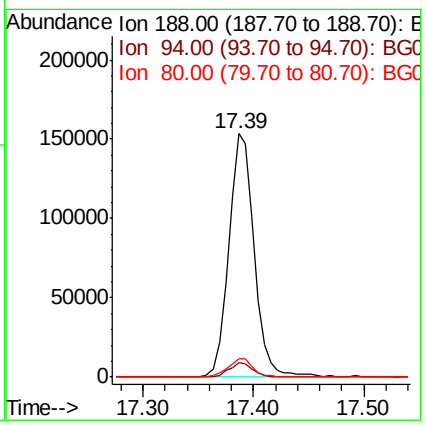


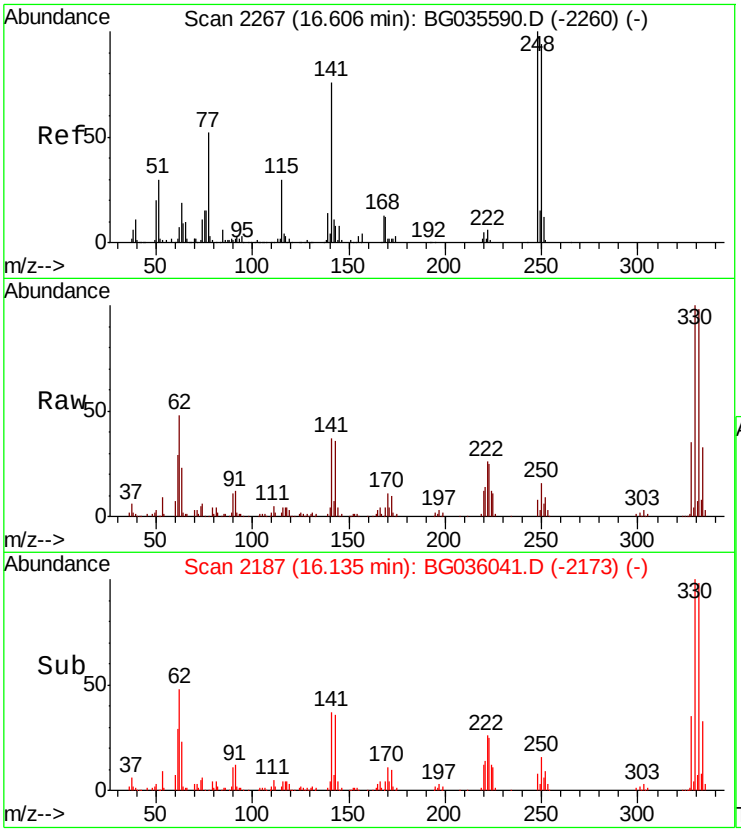


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BG036041.D
Acq: 1 Aug 2018 19:51

Tgt Ion:188 Resp: 246287

Ion	Ratio	Lower	Upper
188	100		
94	5.9	6.9	10.3#
80	7.6	7.7	11.5#



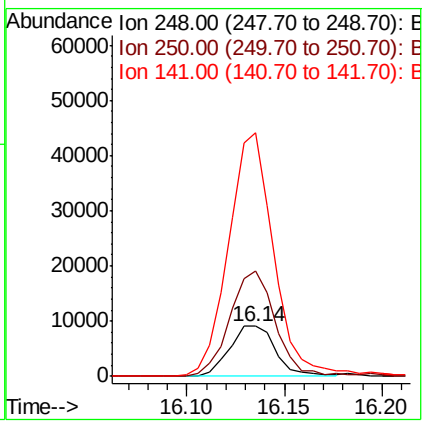


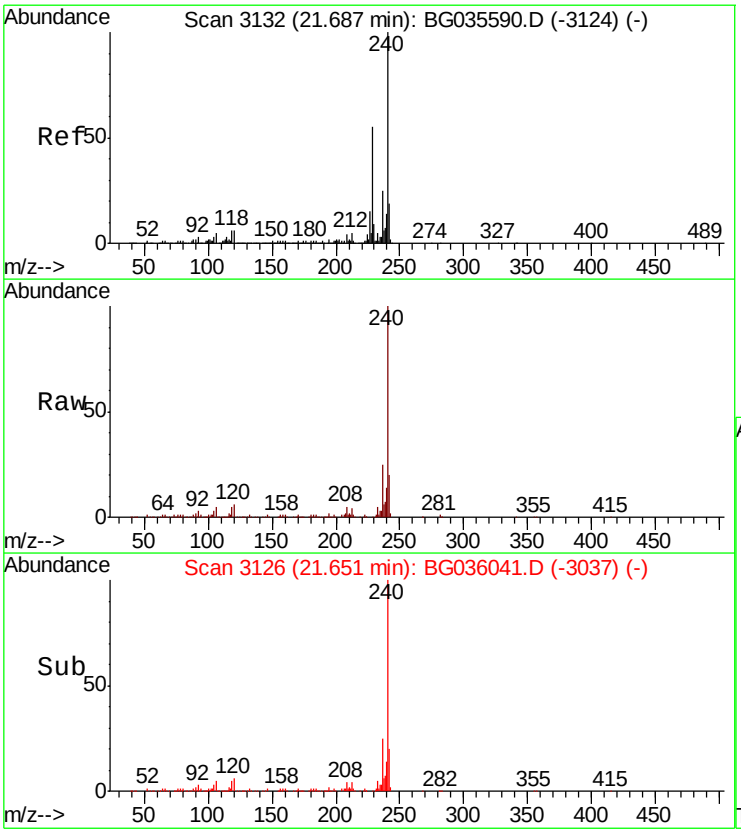
#66
4-Bromophenyl-phenylether
Concen: 5.133 ng
RT: 16.14 min Scan# 2187
Delta R.T. -0.45 min
Lab File: BG036041.D
Acq: 1 Aug 2018 19:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 14666

Ion	Ratio	Lower	Upper
248	100		
250	212.2	77.1	115.7#
141	487.9	50.8	76.2#

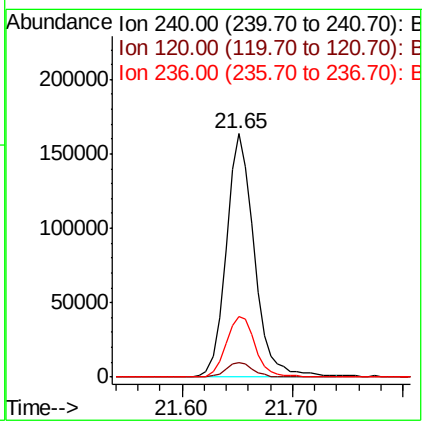


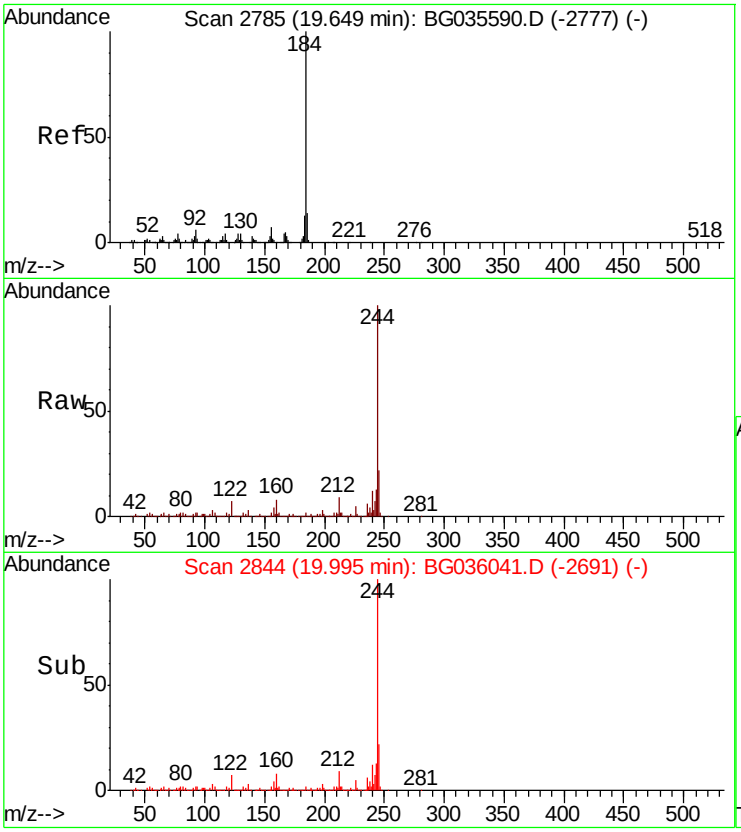


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3126
Delta R.T. -0.01 min
Lab File: BG036041.D
Acq: 1 Aug 2018 19:51

Tgt Ion:240 Resp: 291266

Ion	Ratio	Lower	Upper
240	100		
120	6.0	6.8	10.2#
236	24.8	20.9	31.3



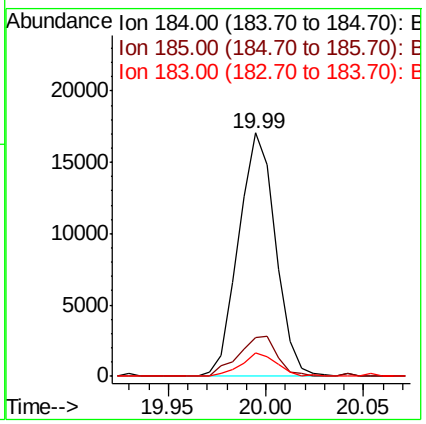


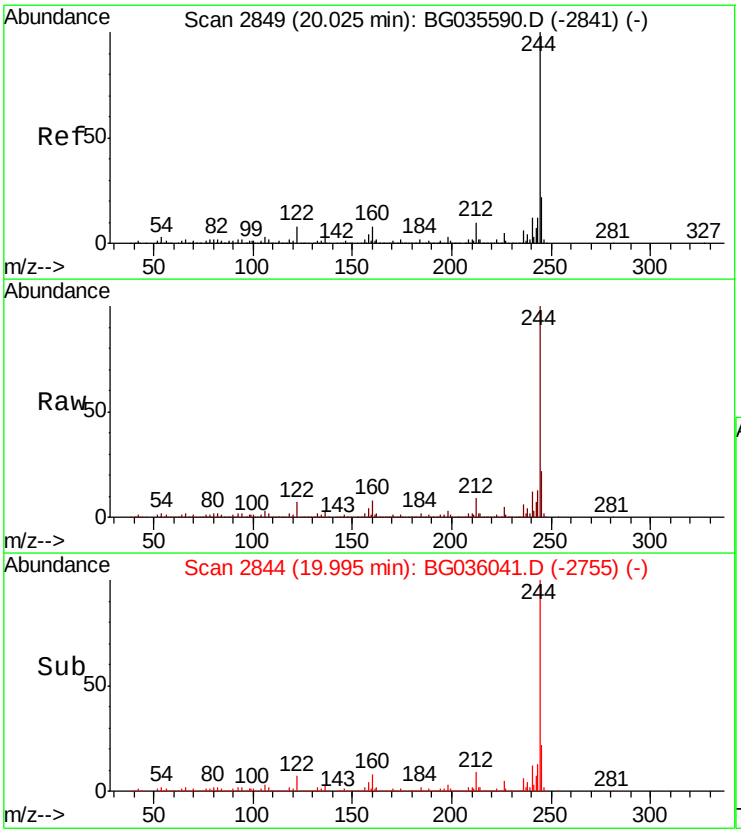
#76
Benzidine
Concen: 2.938 ng
RT: 19.99 min Scan# 2844
Delta R.T. 0.37 min
Lab File: BG036041.D
Acq: 1 Aug 2018 19:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 22497

Ion	Ratio	Lower	Upper
184	100		
185	16.1	11.1	16.7
183	9.5	10.6	16.0#

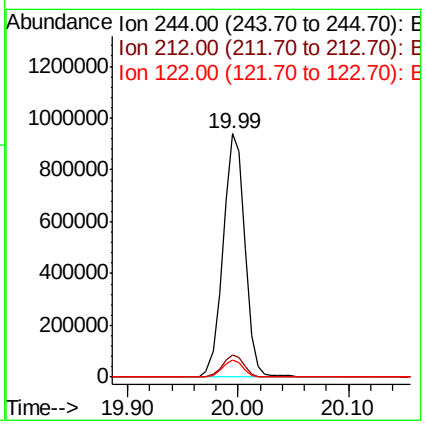


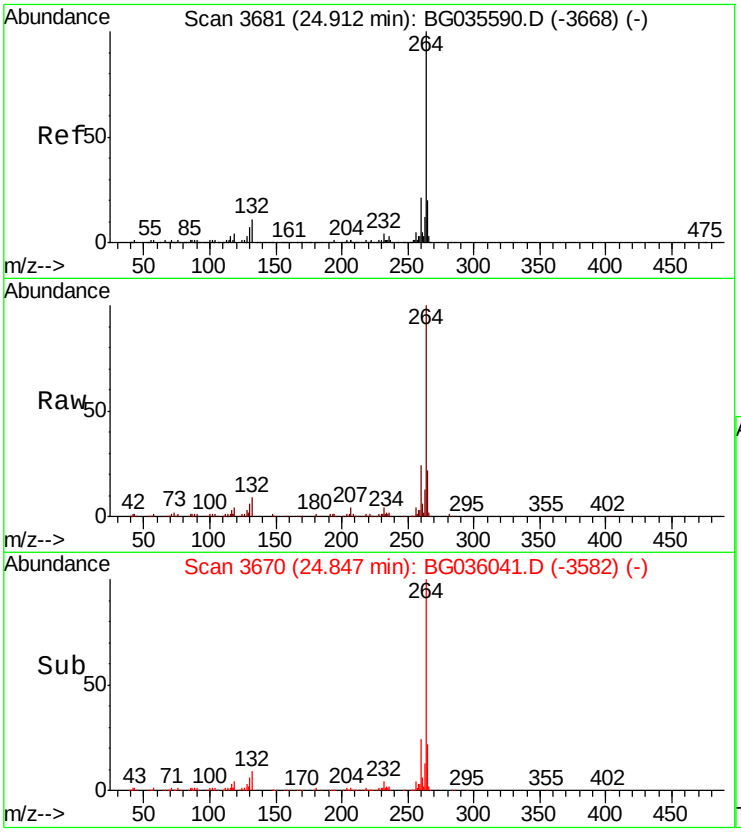


#78
Terphenyl-d14
Concen: 98.494 ng
RT: 19.99 min Scan# 2844
Delta R.T. -0.01 min
Lab File: BG036041.D
Acq: 1 Aug 2018 19:51

Tgt Ion:244 Resp: 1301459

Ion	Ratio	Lower	Upper
244	100		
212	9.2	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: BG036041.D
Acq: 1 Aug 2018 19:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 276720

Ion	Ratio	Lower	Upper
264	100		
260	24.4	17.4	26.0
265	21.8	17.7	26.5