Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020718\
Data File : BG032607.D
Acq On : 7 Feb 2018 23:29
Operator : SJ/JU
Sample : PB106365BL
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Feb 08 03:48:15 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 18:57:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.68	152	12892	20.00	ng	-0.03
21) Naphthalene-d8	11.56	136	64877	20.00	ng	-0.02
38) Acenaphthene-d10	15.32	164	53822	20.00	ng	-0.02
63) Phenanthrene-d10	18.06	188	144812	20.00	ng	-0.01
75) Chrysene-d12	22.39	240	196631	20.00	ng	-0.01
86) Perylene-d12	26.06	264	213895	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.12	112	87537	136.38	ng	-0.02
7) Phenol-d6	7.80	99	108662	126.87	ng	-0.02
23) Nitrobenzene-d5	9.89	82	67121	64.62	ng	-0.02
41) 2,4,6-Tribromophenol	16.80	330	106253	103.71	ng	-0.01
44) 2-Fluorobiphenyl	13.95	172	372294	82.21	ng	-0.02
78) Terphenyl-d14	20.61	244	788254	85.87	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.88	70	9062	15.96	ng	# 73
50) 2,6-Dinitrotoluene	15.32	165	7236	6.95	ng	# 18
56) 2,4-Dinitrotoluene	15.32	165	7236	4.88	ng	# 16
66) 4-Bromophenyl-phenylether	16.80	248	7925	3.69	ng	# 1
76) Benzidine	20.61	184	11407	2.95	ng	# 93

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

Quantitation Report (Not Reviewed)

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Operator : SJ/JU
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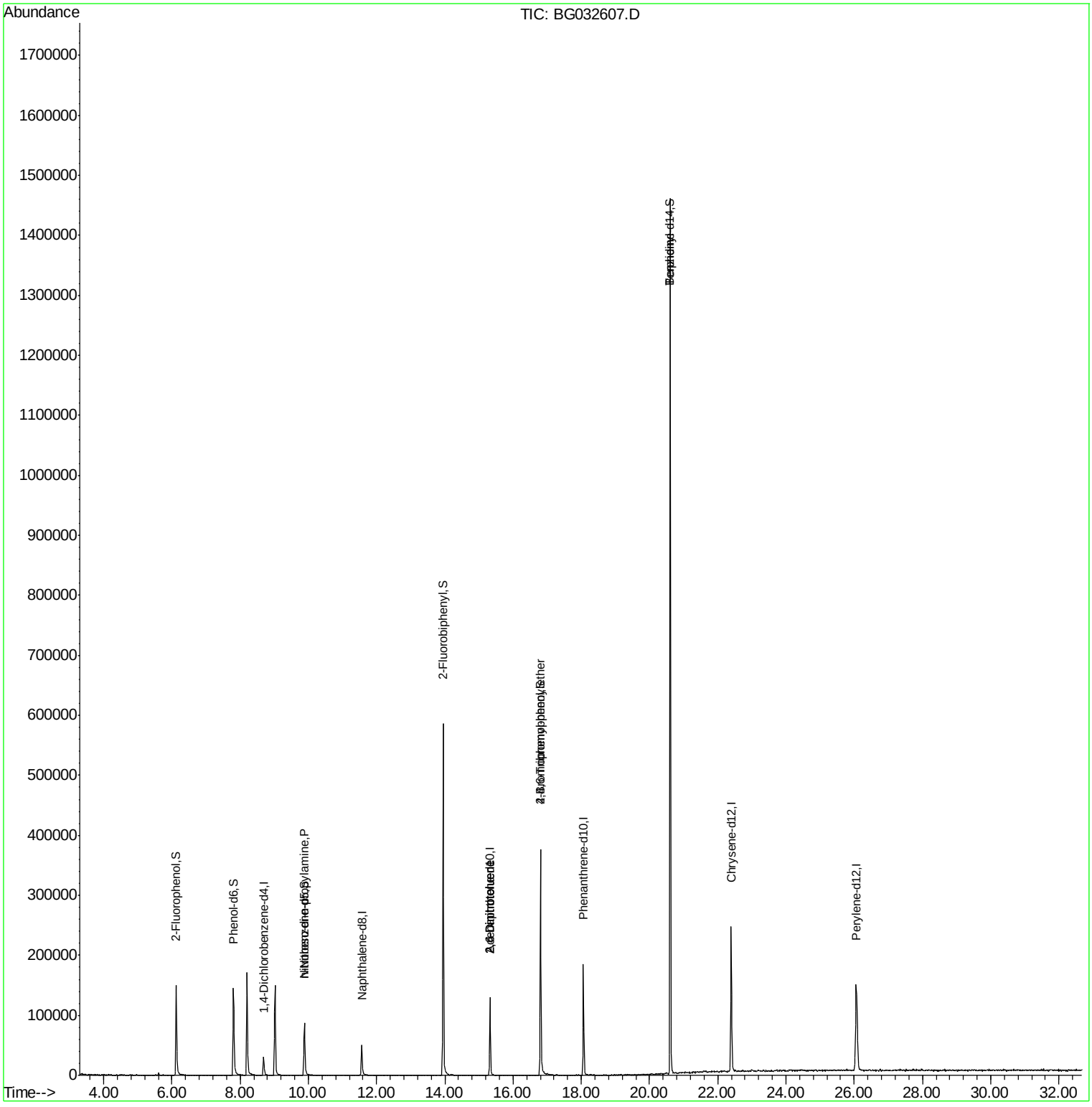
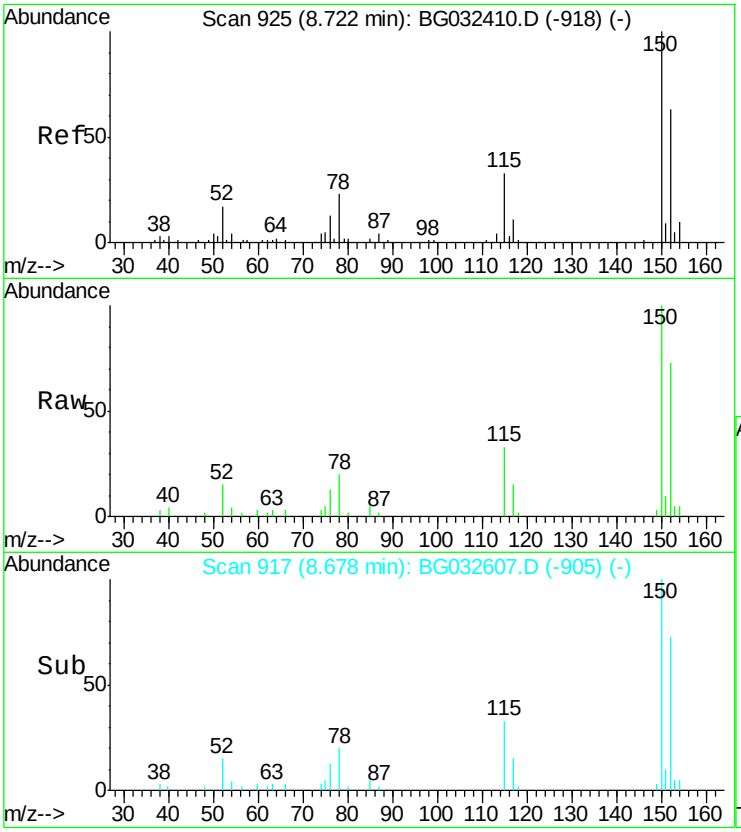


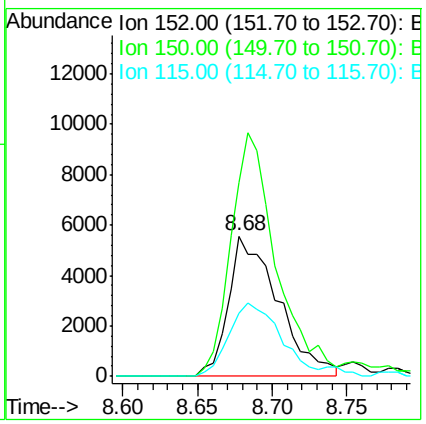


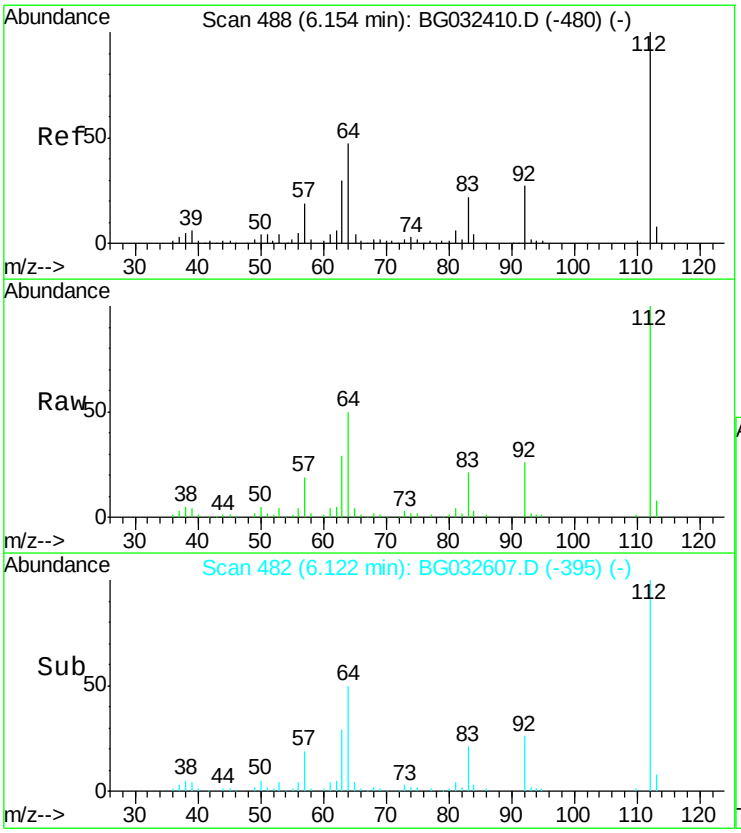
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.68 min Scan# 917
Delta R.T. -0.03 min
Lab File: BG032607.D
Acq: 7 Feb 2018 23:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 12892

Ion	Ratio	Lower	Upper
152	100		
150	137.9	126.6	189.8
115	45.2	53.0	79.4#

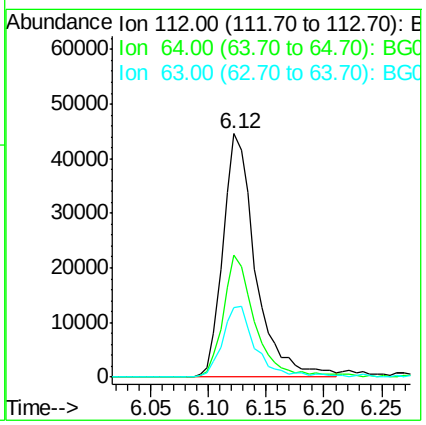


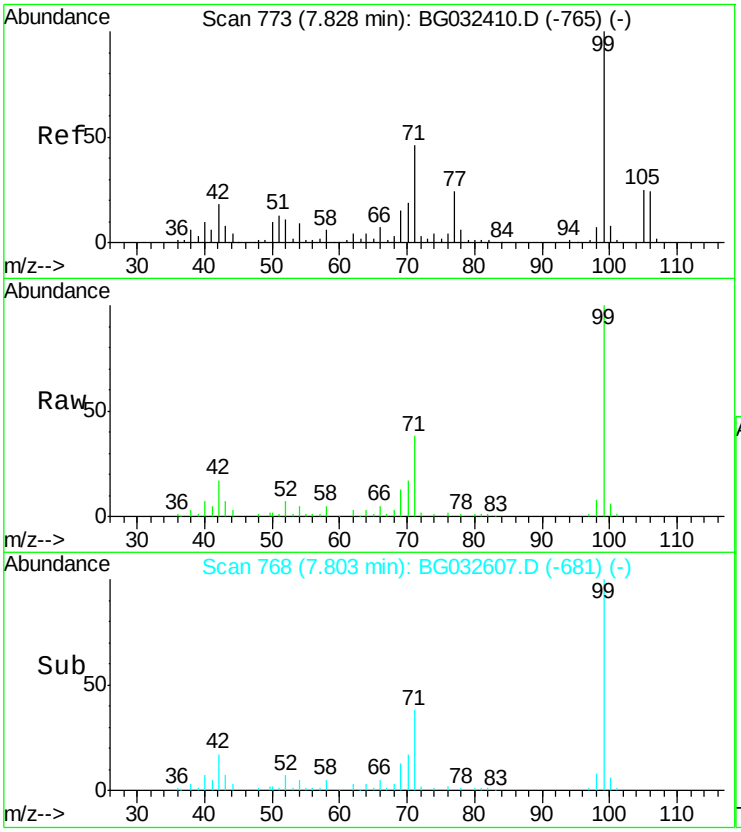


#5
2-Fluorophenol
Concen: 136.38 ng
RT: 6.12 min Scan# 482
Delta R.T. -0.02 min
Lab File: BG032607.D
Acq: 7 Feb 2018 23:29

Tgt Ion:112 Resp: 87537

Ion	Ratio	Lower	Upper
112	100		
64	50.0	56.3	84.5#
63	28.6	30.1	45.1#



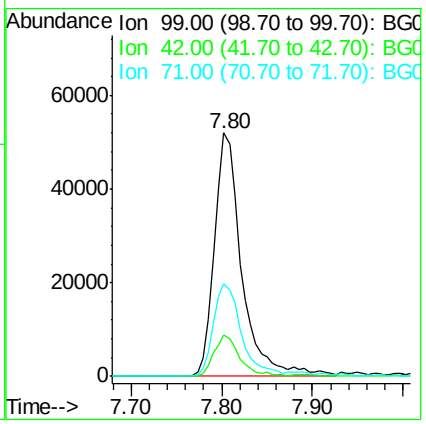


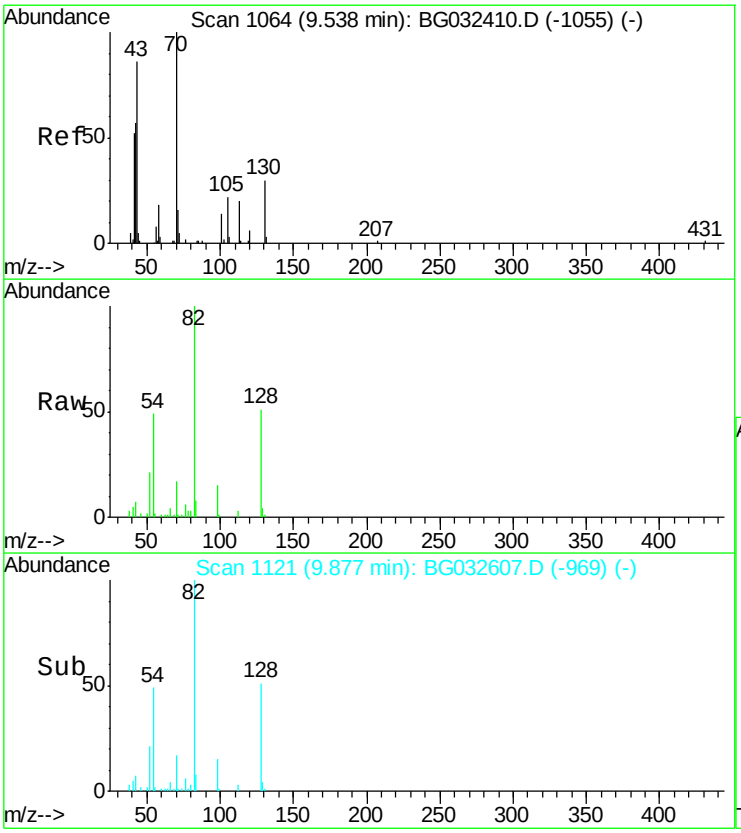
#7
Phenol-d6
Concen: 126.87 ng
RT: 7.80 min Scan# 768
Delta R.T. -0.02 min
Lab File: BG032607.D
Acq: 7 Feb 2018 23:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 108662

Ion	Ratio	Lower	Upper
99	100		
42	17.1	14.1	21.1
71	37.9	26.1	39.1

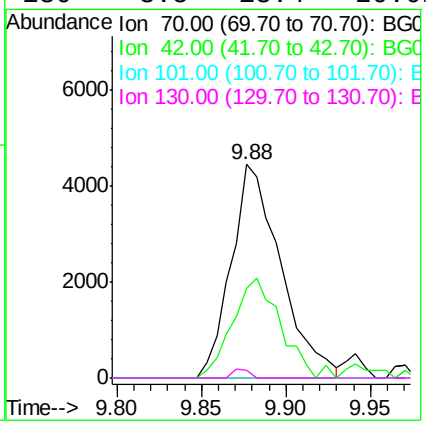


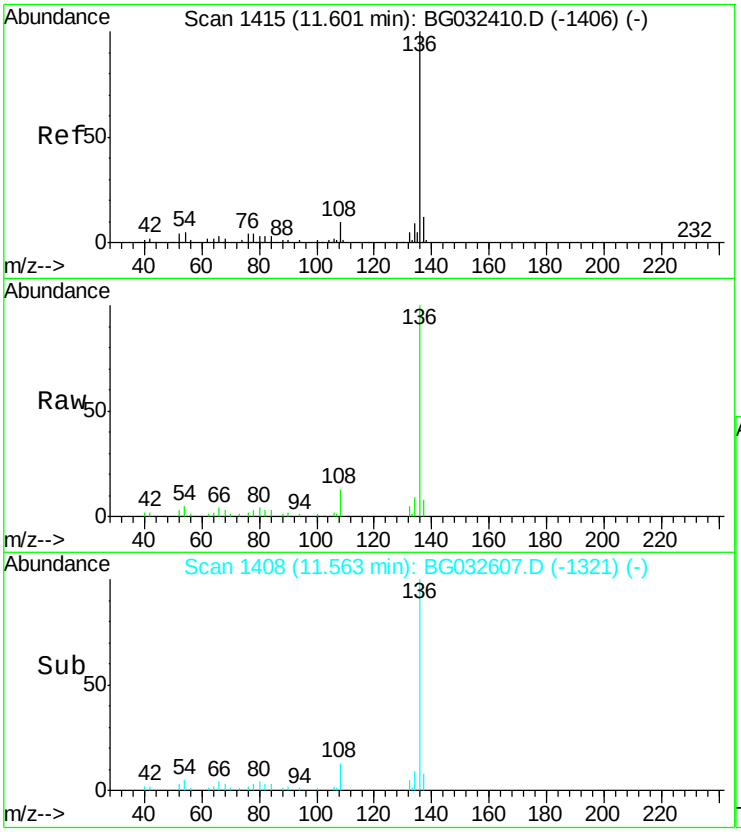


#19
n-Nitroso-di-n-propylamine
Concen: 15.96 ng
RT: 9.88 min Scan# 1121
Delta R.T. 0.36 min
Lab File: BG032607.D
Acq: 7 Feb 2018 23:29

Tgt Ion: 70 Resp: 9062

Ion	Ratio	Lower	Upper
70	100		
42	42.0	49.1	73.7#
101	0.0	8.5	12.7#
130	3.5	13.4	20.0#



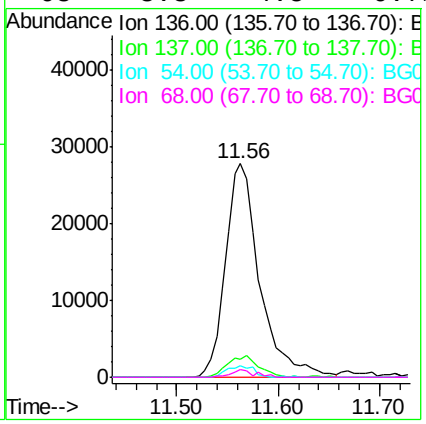


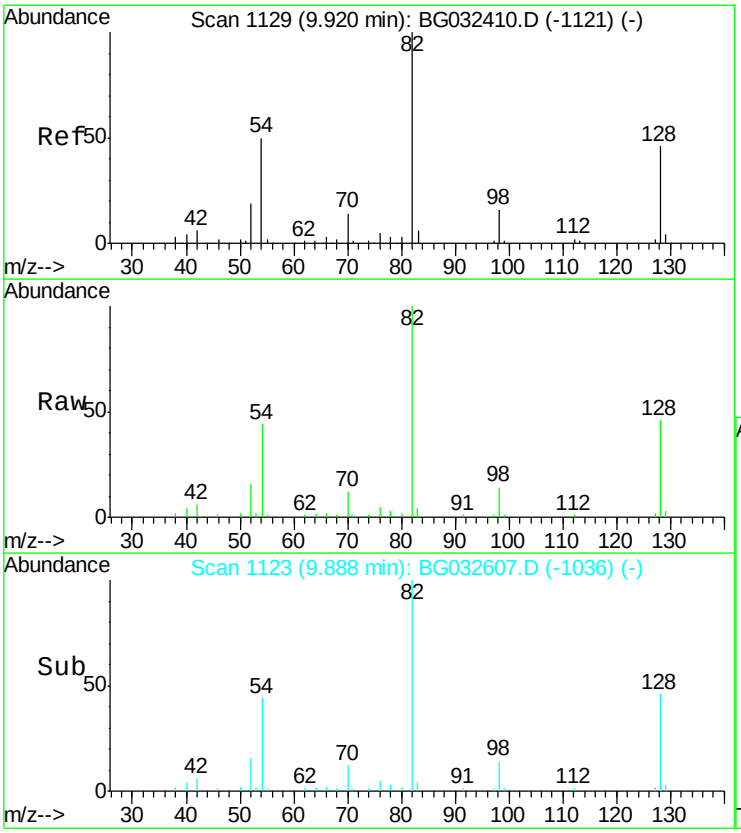
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.56 min Scan# 1408
Delta R.T. -0.02 min
Lab File: BG032607.D
Acq: 7 Feb 2018 23:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 64877

Ion	Ratio	Lower	Upper
136	100		
137	8.4	9.2	13.8#
54	5.2	10.3	15.5#
68	3.3	4.5	6.7#

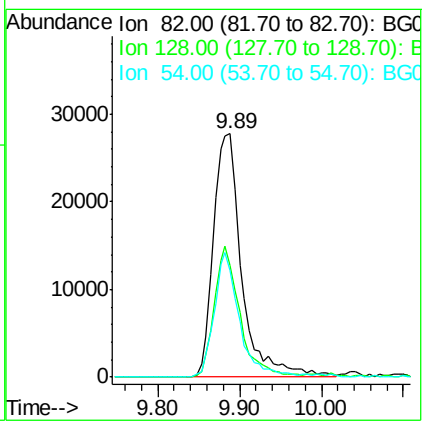


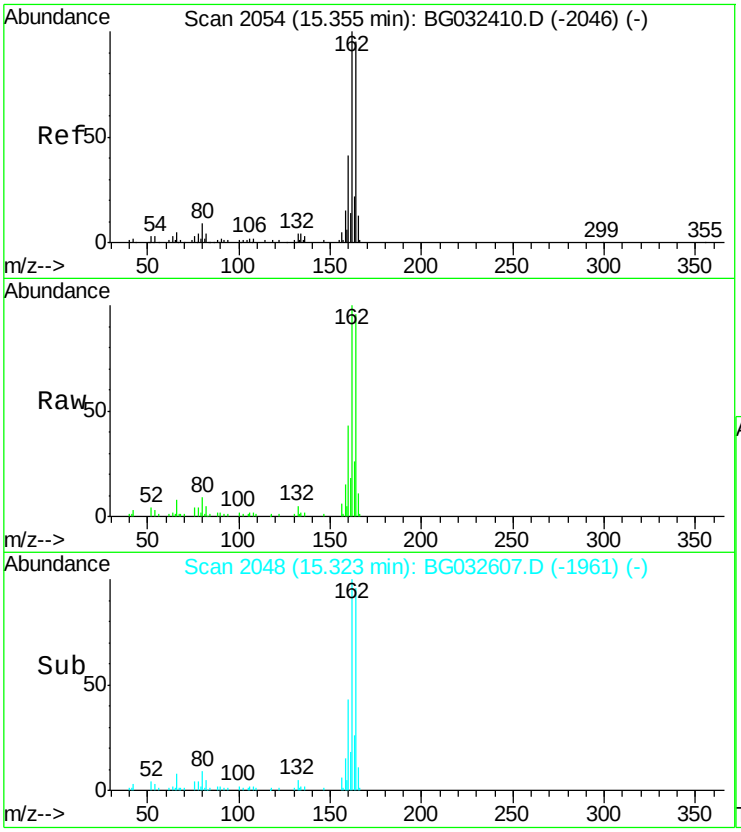


#23
Nitrobenzene-d5
Concen: 64.62 ng
RT: 9.89 min Scan# 1123
Delta R.T. -0.02 min
Lab File: BG032607.D
Acq: 7 Feb 2018 23:29

Tgt Ion: 82 Resp: 67121

Ion	Ratio	Lower	Upper
82	100		
128	45.9	29.7	44.5#
54	43.7	43.1	64.7



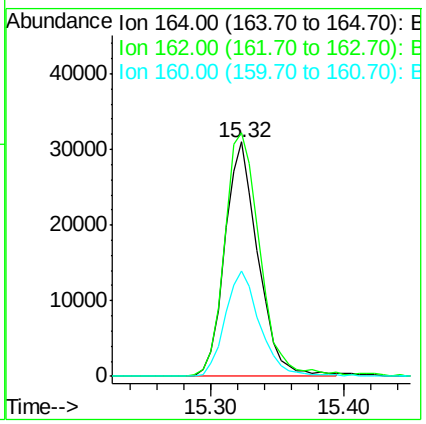


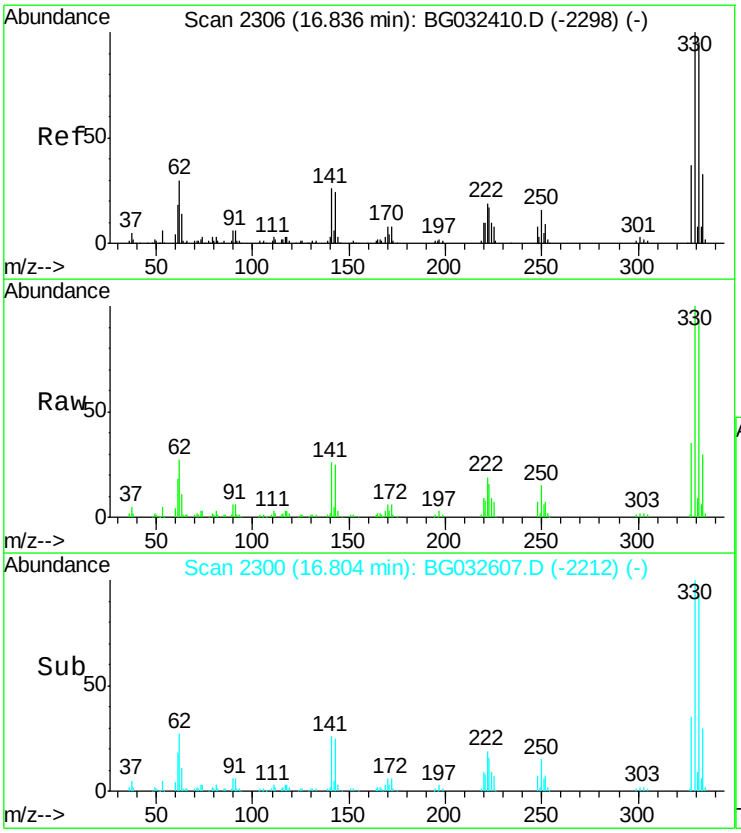
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.32 min Scan# 2048
Delta R.T. -0.02 min
Lab File: BG032607.D
Acq: 7 Feb 2018 23:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 53822

Ion	Ratio	Lower	Upper
164	100		
162	103.8	78.8	118.2
160	44.9	35.4	53.0

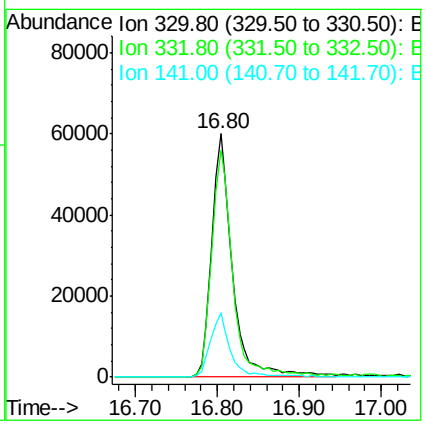


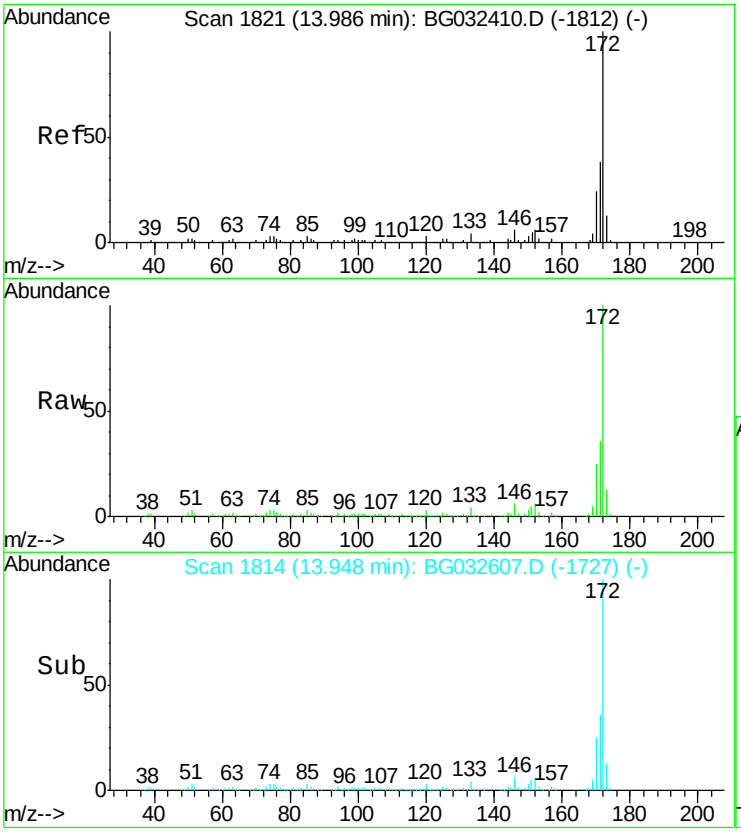


#41
2,4,6-Tribromophenol
Concen: 103.71 ng
RT: 16.80 min Scan# 2300
Delta R.T. -0.01 min
Lab File: BG032607.D
Acq: 7 Feb 2018 23:29

Tgt Ion:330 Resp: 106253

Ion	Ratio	Lower	Upper
330	100		
332	94.3	77.0	115.6
141	25.6	25.2	37.8



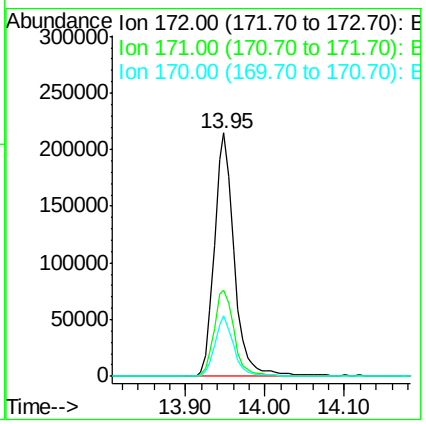


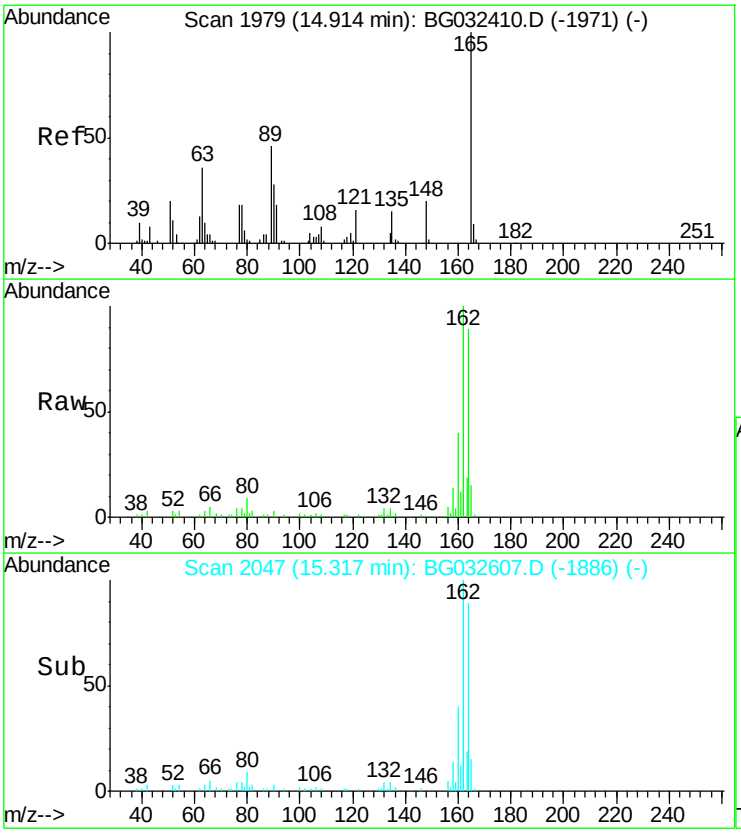
#44
2-Fluorobiphenyl
Concen: 82.21 ng
RT: 13.95 min Scan# 1814
Delta R.T. -0.02 min
Lab File: BG032607.D
Acq: 7 Feb 2018 23:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 372294

Ion	Ratio	Lower	Upper
172	100		
171	35.6	30.0	45.0
170	24.7	19.5	29.3

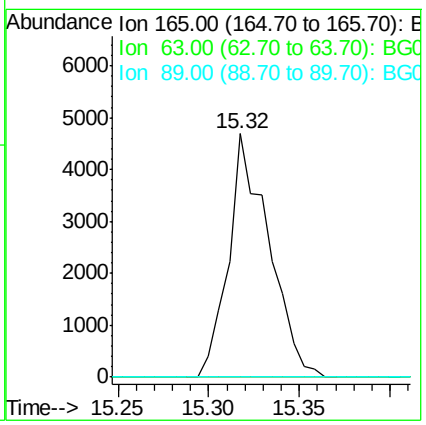


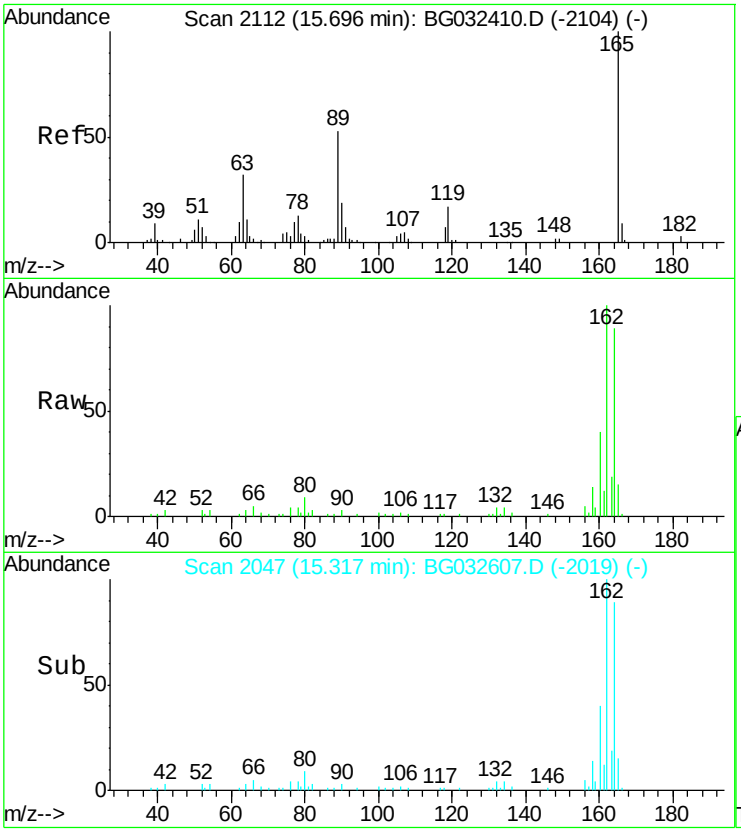


#50
2,6-Dinitrotoluene
Concen: 6.95 ng
RT: 15.32 min Scan# 2047
Delta R.T. 0.41 min
Lab File: BG032607.D
Acq: 7 Feb 2018 23:29

Tgt Ion:165 Resp: 7236

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



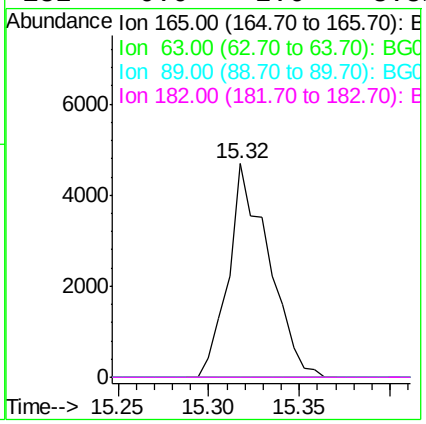


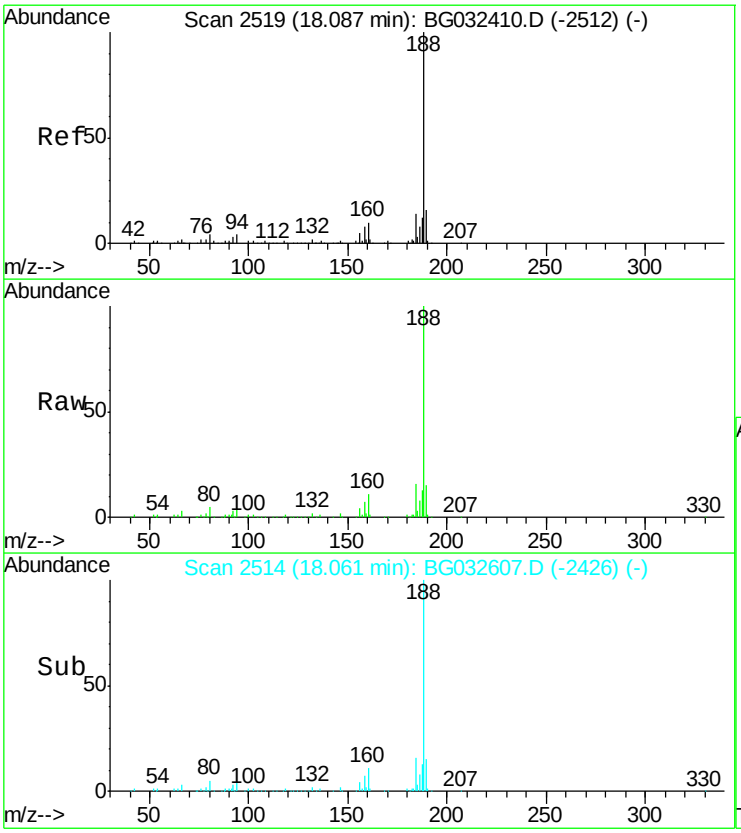
#56
2,4-Dinitrotoluene
Concen: 4.88 ng
RT: 15.32 min Scan# 2047
Delta R.T. -0.37 min
Lab File: BG032607.D
Acq: 7 Feb 2018 23:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 7236

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#

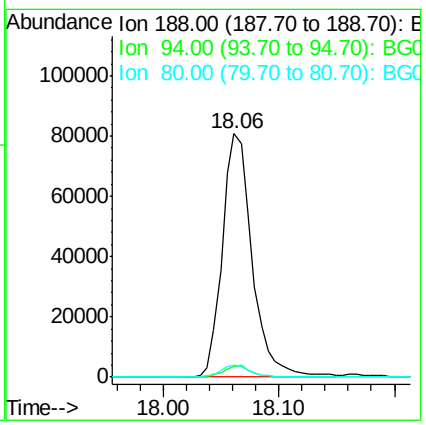


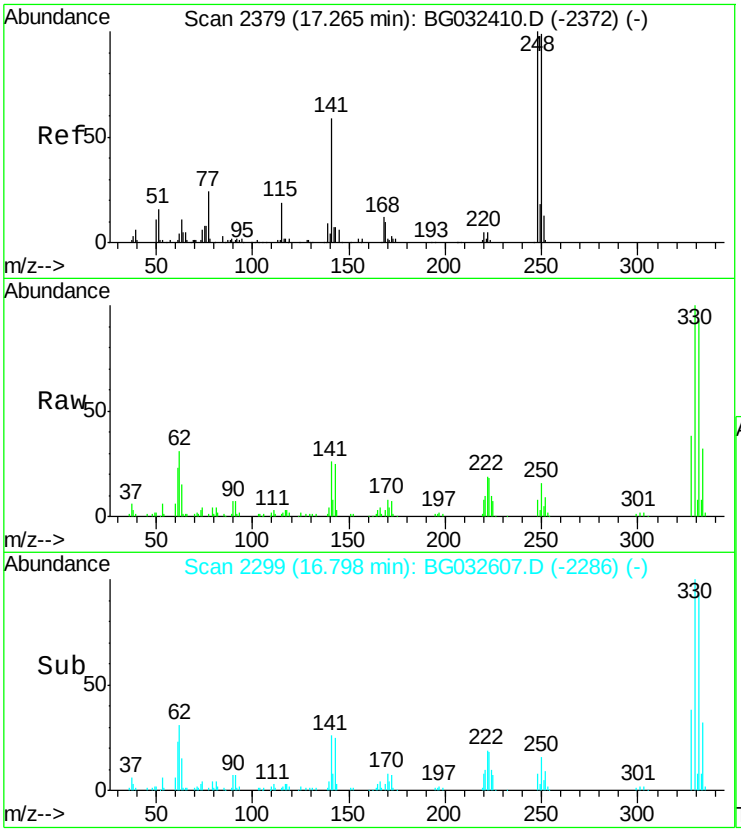


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.06 min Scan# 2514
Delta R.T. -0.01 min
Lab File: BG032607.D
Acq: 7 Feb 2018 23:29

Tgt Ion:188 Resp: 144812

Ion	Ratio	Lower	Upper
188	100		
94	4.2	6.9	10.3#
80	5.1	7.7	11.5#



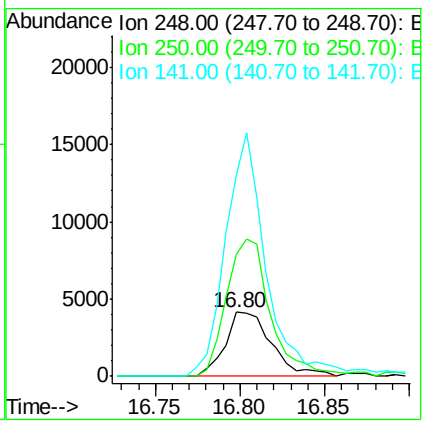


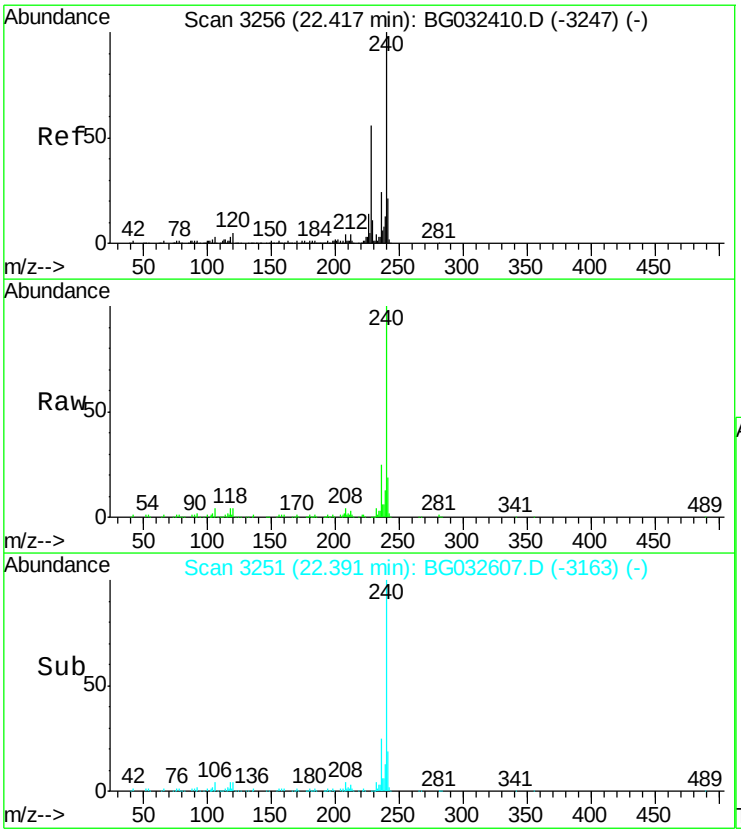
#66
4-Bromophenyl-phenylether
Concen: 3.69 ng
RT: 16.80 min Scan# 2299
Delta R.T. -0.46 min
Lab File: BG032607.D
Acq: 7 Feb 2018 23:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 7925

Ion	Ratio	Lower	Upper
248	100		
250	190.4	77.1	115.7#
141	314.8	50.8	76.2#

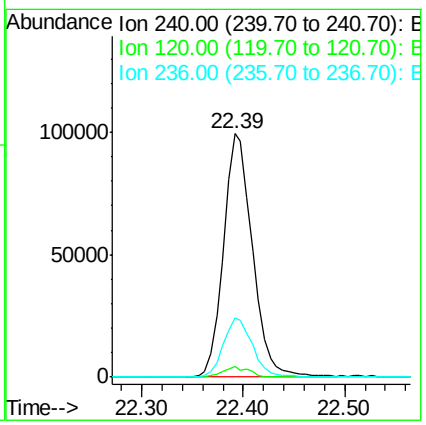


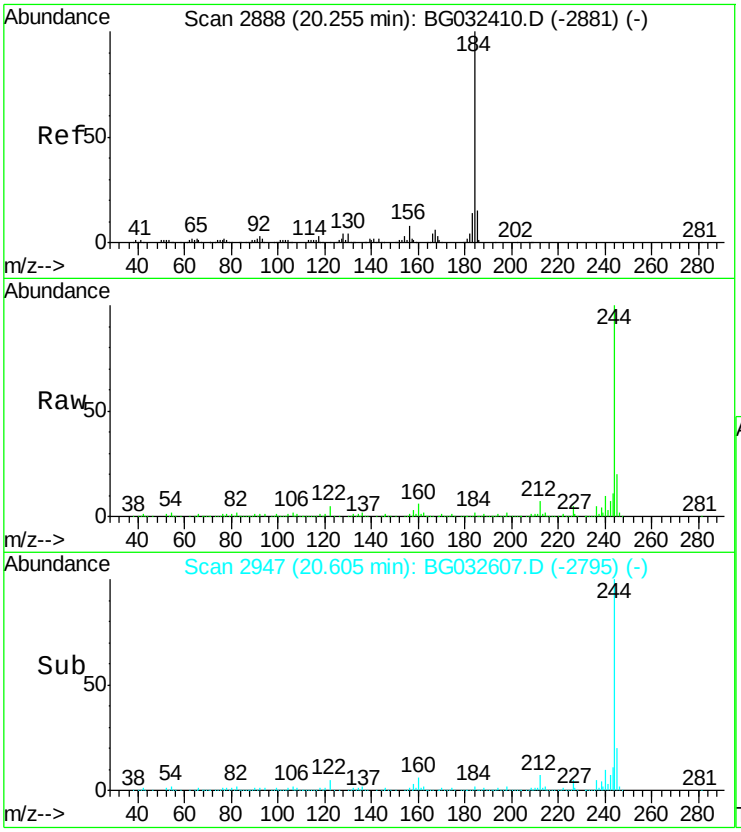


#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.39 min Scan# 3251
Delta R.T. -0.01 min
Lab File: BG032607.D
Acq: 7 Feb 2018 23:29

Tgt Ion:240 Resp: 196631

Ion	Ratio	Lower	Upper
240	100		
120	4.3	6.8	10.2#
236	24.5	20.9	31.3



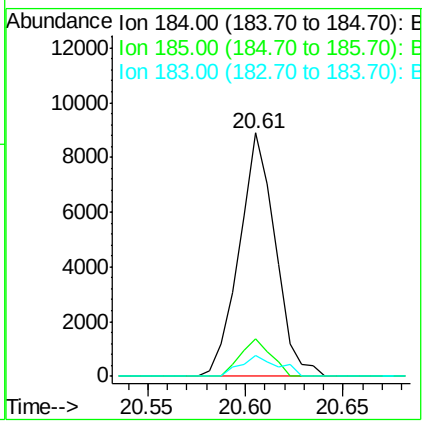


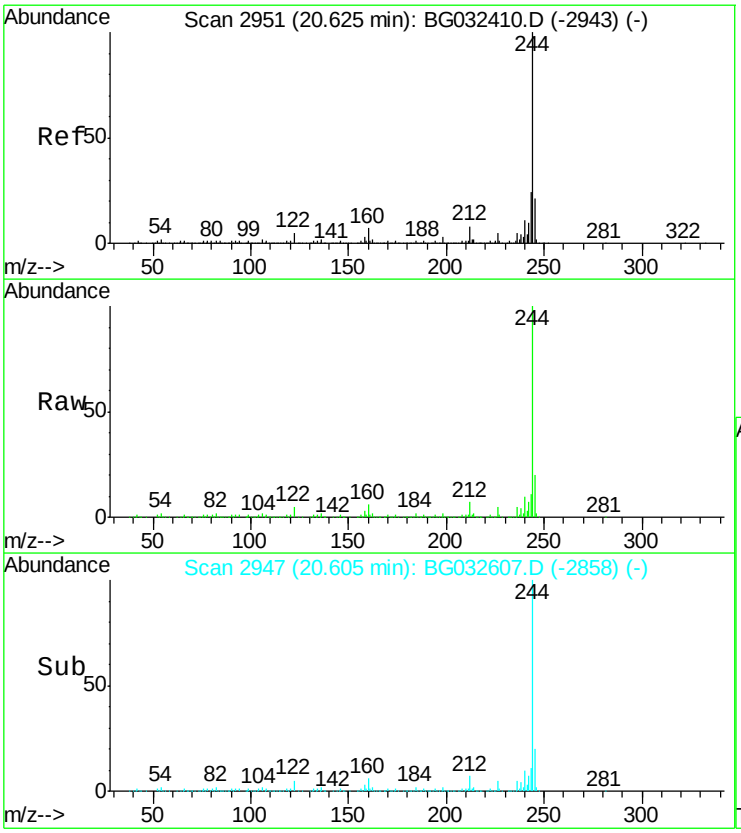
#76
Benzidine
Concen: 2.95 ng
RT: 20.61 min Scan# 2947
Delta R.T. 0.36 min
Lab File: BG032607.D
Acq: 7 Feb 2018 23:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 11407

Ion	Ratio	Lower	Upper
184	100		
185	15.3	11.1	16.7
183	8.8	10.6	16.0#

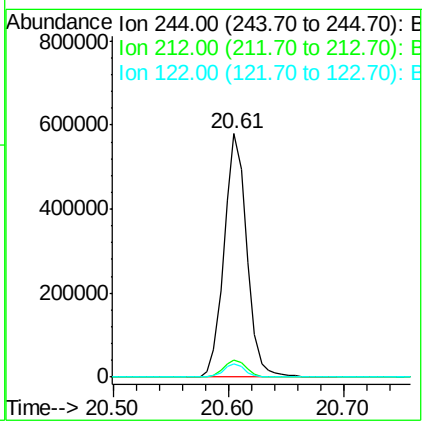


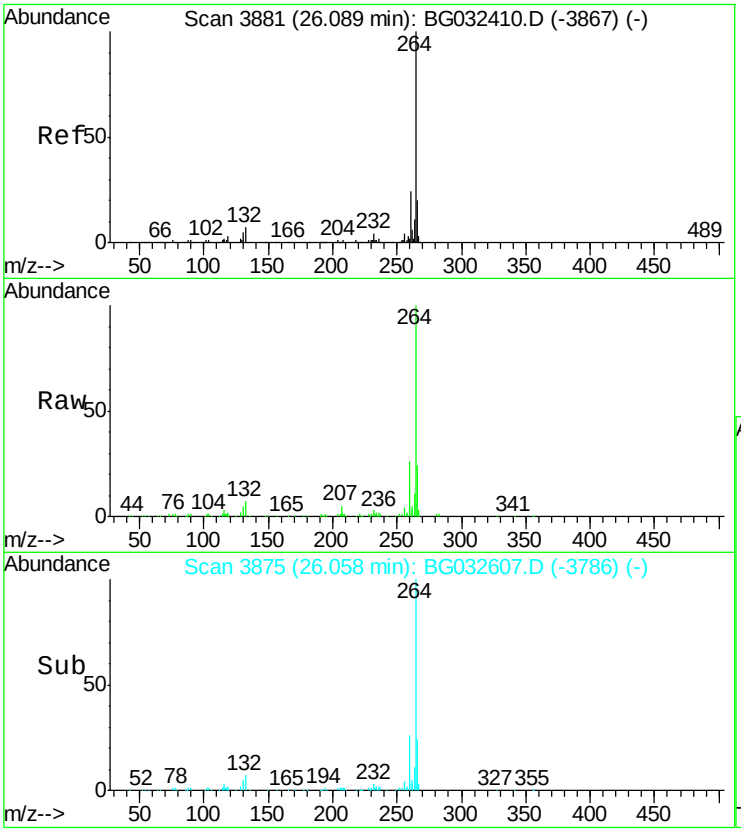


#78
Terphenyl-d14
Concen: 85.87 ng
RT: 20.61 min Scan# 2947
Delta R.T. -0.01 min
Lab File: BG032607.D
Acq: 7 Feb 2018 23:29

Tgt Ion:244 Resp: 788254

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	5.5	7.0	10.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 26.06 min Scan# 3875
Delta R.T. -0.01 min
Lab File: BG032607.D
Acq: 7 Feb 2018 23:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 213895

Ion	Ratio	Lower	Upper
264	100		
260	26.4	17.4	26.0#
265	24.2	17.7	26.5