Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022718\
Data File : BG032882.D
Acq On : 28 Feb 2018 9:02
Operator : SJ/JU
Sample : J1698-16
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Feb 28 09:42:51 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 26 17:50:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	77496	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	332066	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	185870	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	407127	20.00	ng	0.00
75) Chrysene-d12	22.62	240	371118	20.00	ng	-0.01
86) Perylene-d12	26.43	264	367174	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.33	112	654909	135.20	ng	0.00
7) Phenol-d6	8.01	99	794708	117.70	ng	0.00
23) Nitrobenzene-d5	10.12	82	545929	110.70	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	254720	130.33	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	1204319	93.45	ng	0.00
78) Terphenyl-d14	20.78	244	1620178	98.08	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	10.12	70	69967	14.679	ng	# 82
24) Nitrobenzene	10.13	77	1699	6.659	ng	# 45
47) 2-Nitroaniline	14.16	65	2082	10.377	ng	# 1
50) 2,6-Dinitrotoluene	15.53	165	24975	16.687	ng	# 21
56) 2,4-Dinitrotoluene	15.53	165	24975	14.886	ng	# 18
64) 4,6-Dinitro-2-methylphenol	17.00	198	1076	6.069	ng	# 1
66) 4-Bromophenyl-phenylether	17.00	248	18776	4.362	ng	# 1
76) Benzidine	20.78	184	28629	2.263	ng	# 89

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022718\
Data File : BG032882.D
Acq On : 28 Feb 2018 9:02
Operator : SJ/JU
Sample : J1698-16
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Feb 28 09:42:51 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 26 17:50:45 2018
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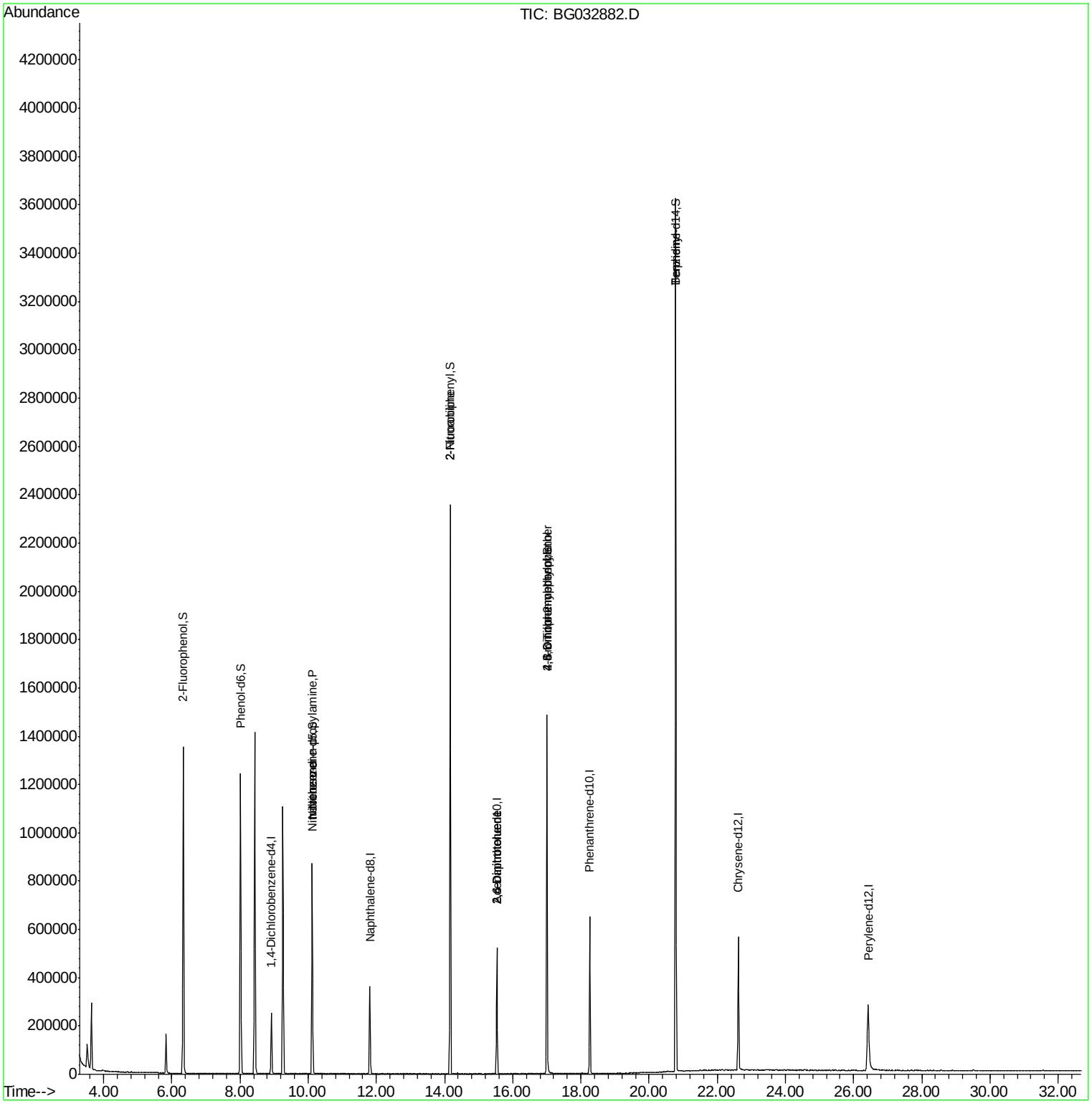
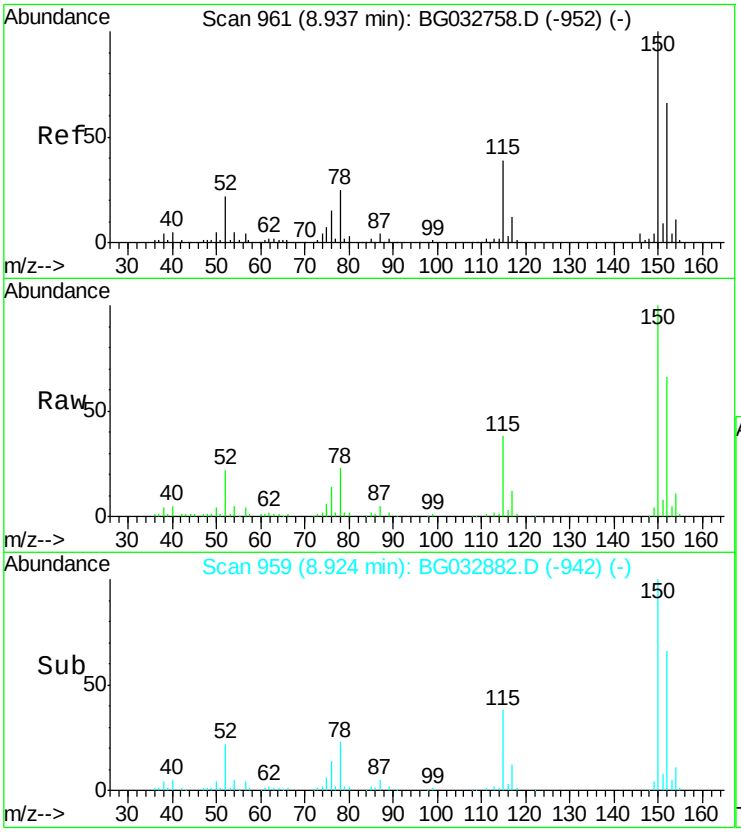


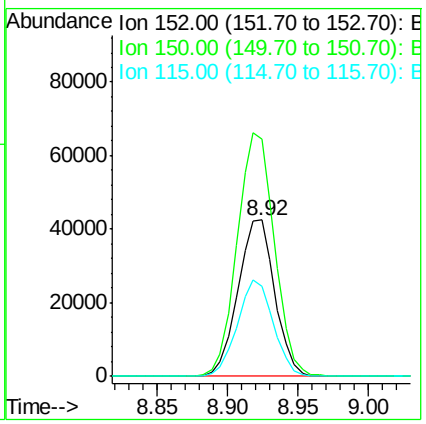


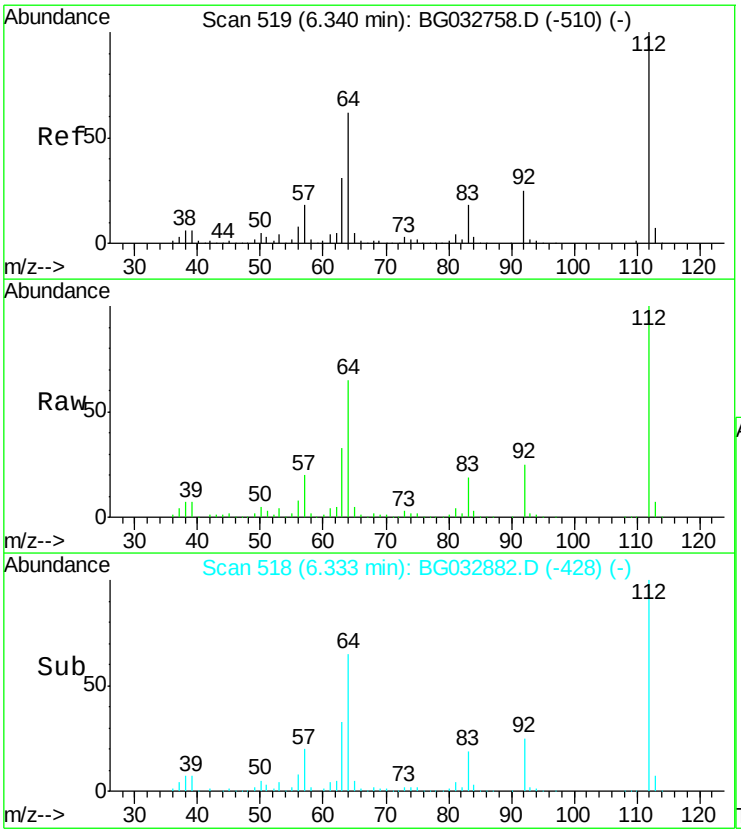
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG032882.D
Acq: 28 Feb 2018 9:02

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 77496

Ion	Ratio	Lower	Upper
152	100		
150	152.0	126.6	189.8
115	57.4	53.0	79.4

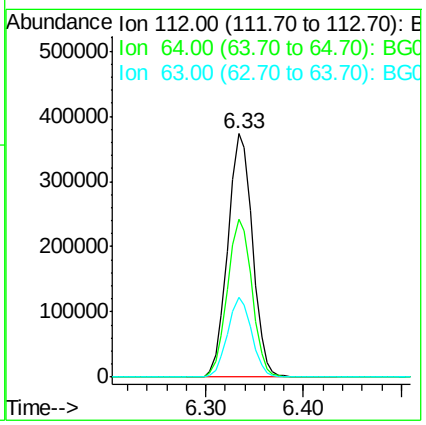


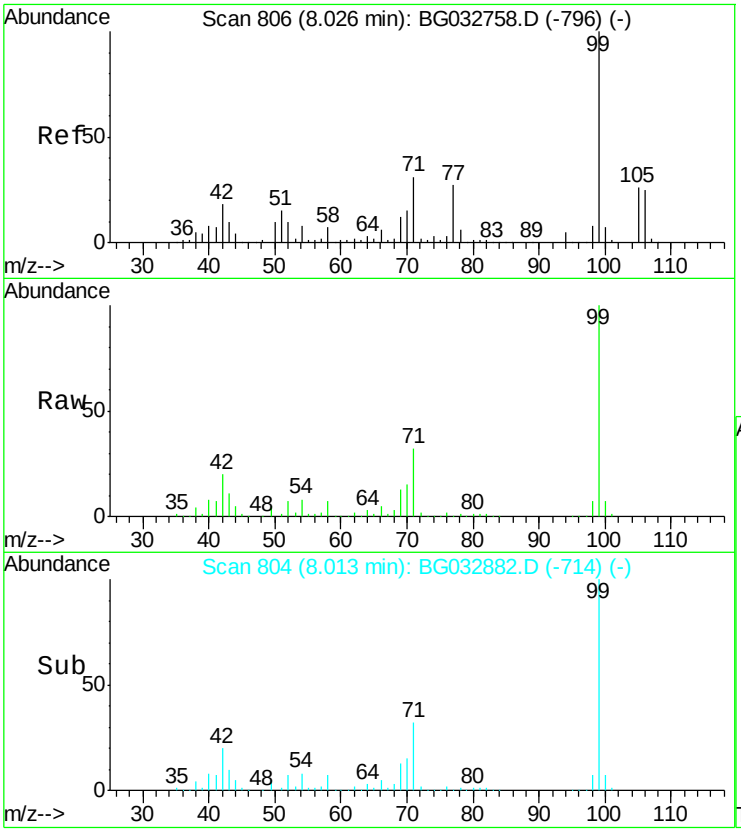


#5
2-Fluorophenol
Concen: 135.202 ng
RT: 6.33 min Scan# 518
Delta R.T. -0.00 min
Lab File: BG032882.D
Acq: 28 Feb 2018 9:02

Tgt Ion:112 Resp: 654909

Ion	Ratio	Lower	Upper
112	100		
64	65.1	56.3	84.5
63	32.7	30.1	45.1



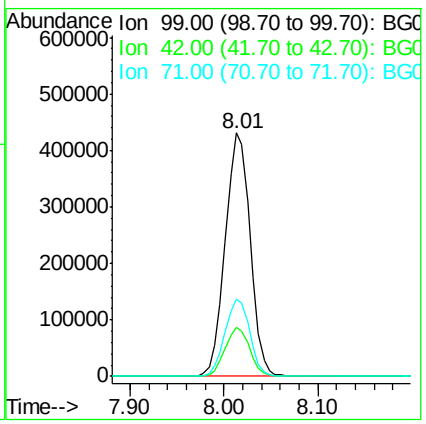


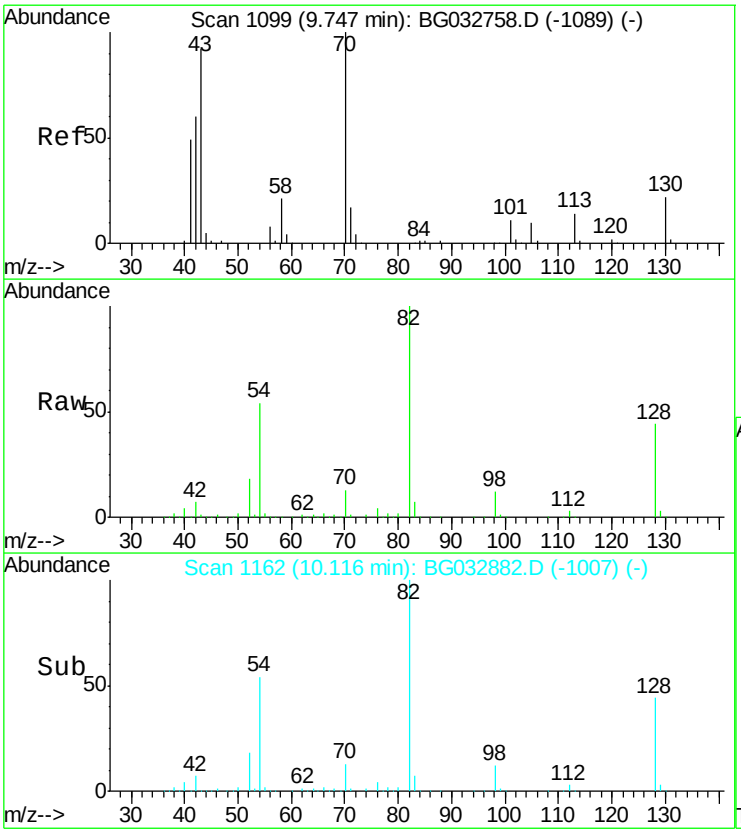
#7
Phenol-d6
Concen: 117.703 ng
RT: 8.01 min Scan# 804
Delta R.T. -0.00 min
Lab File: BG032882.D
Acq: 28 Feb 2018 9:02

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 794708

Ion	Ratio	Lower	Upper
99	100		
42	20.0	14.1	21.1
71	31.8	26.1	39.1

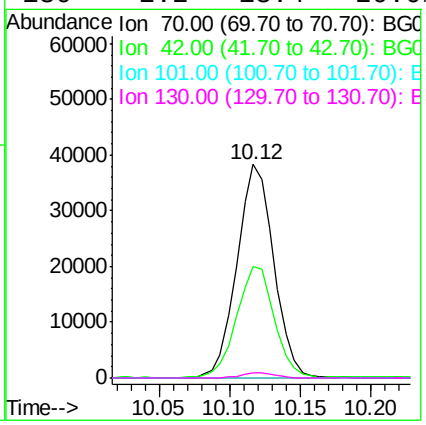


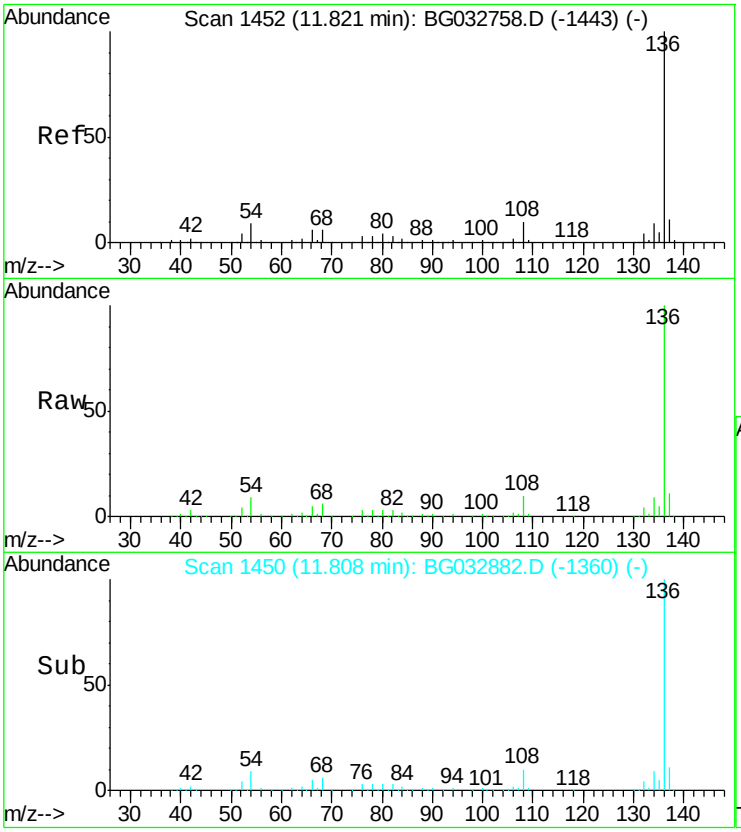


#19
n-Nitroso-di-n-propylamine
Concen: 14.679 ng
RT: 10.12 min Scan# 1162
Delta R.T. 0.38 min
Lab File: BG032882.D
Acq: 28 Feb 2018 9:02

Tgt Ion: 70 Resp: 69967

Ion	Ratio	Lower	Upper
70	100		
42	52.0	49.1	73.7
101	0.0	8.5	12.7#
130	2.2	13.4	20.0#



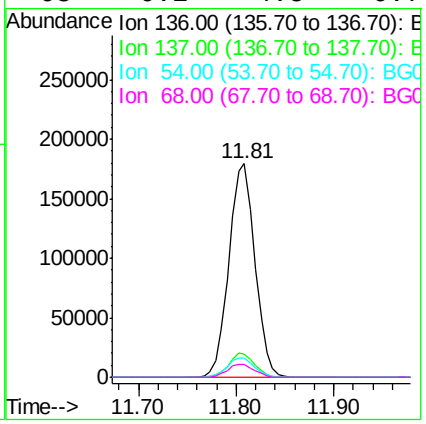


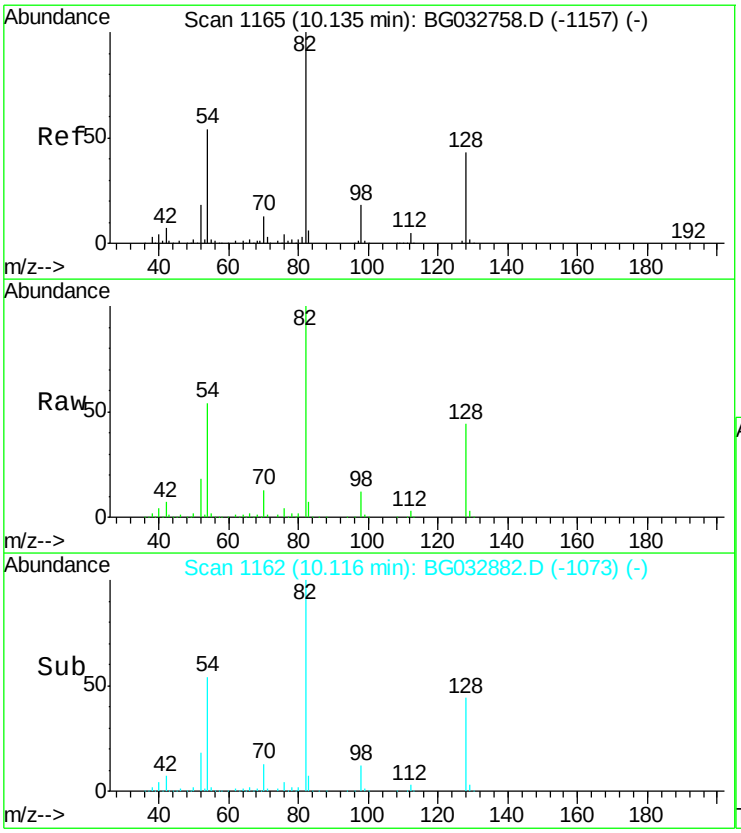
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.81 min Scan# 1450
Delta R.T. -0.00 min
Lab File: BG032882.D
Acq: 28 Feb 2018 9:02

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 332066

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	9.0	10.3	15.5#
68	6.2	4.5	6.7

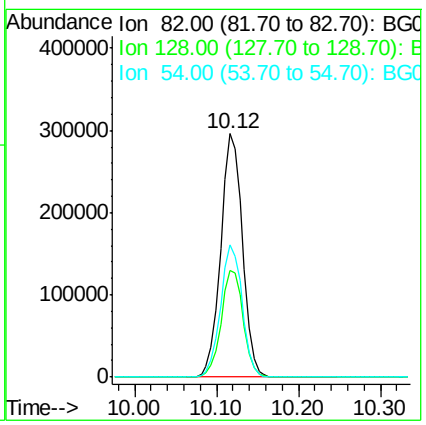


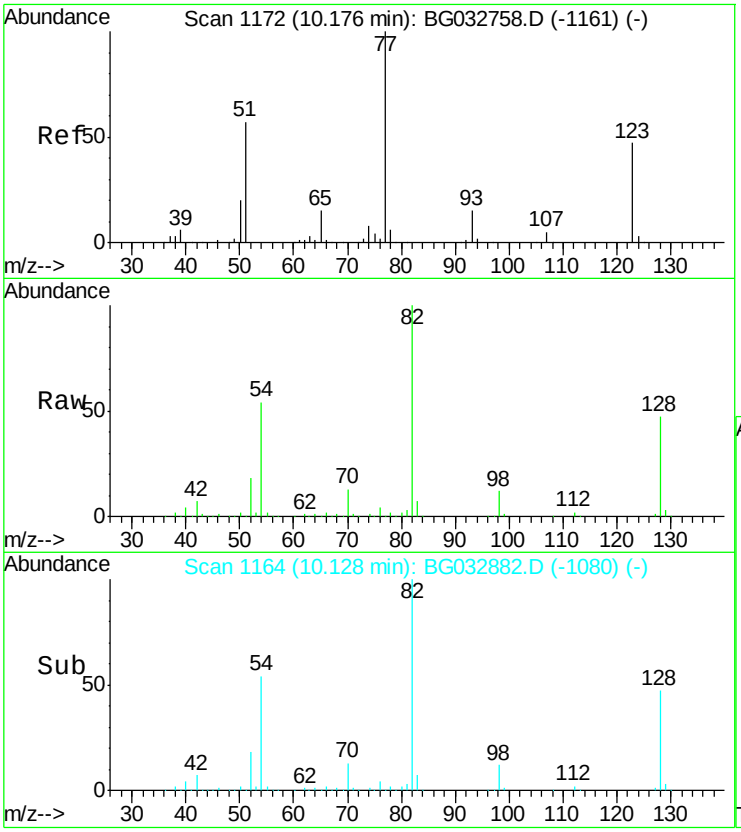


#23
Nitrobenzene-d5
Concen: 110.696 ng
RT: 10.12 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BG032882.D
Acq: 28 Feb 2018 9:02

Tgt Ion: 82 Resp: 545929

Ion	Ratio	Lower	Upper
82	100		
128	44.0	29.7	44.5
54	54.4	43.1	64.7



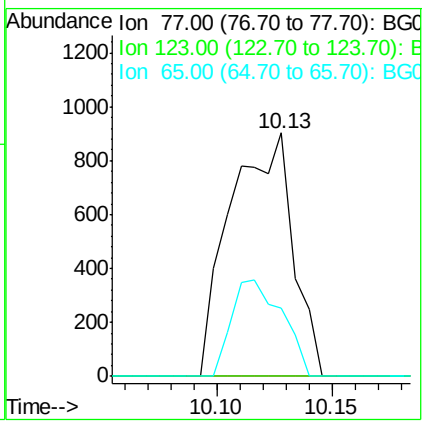


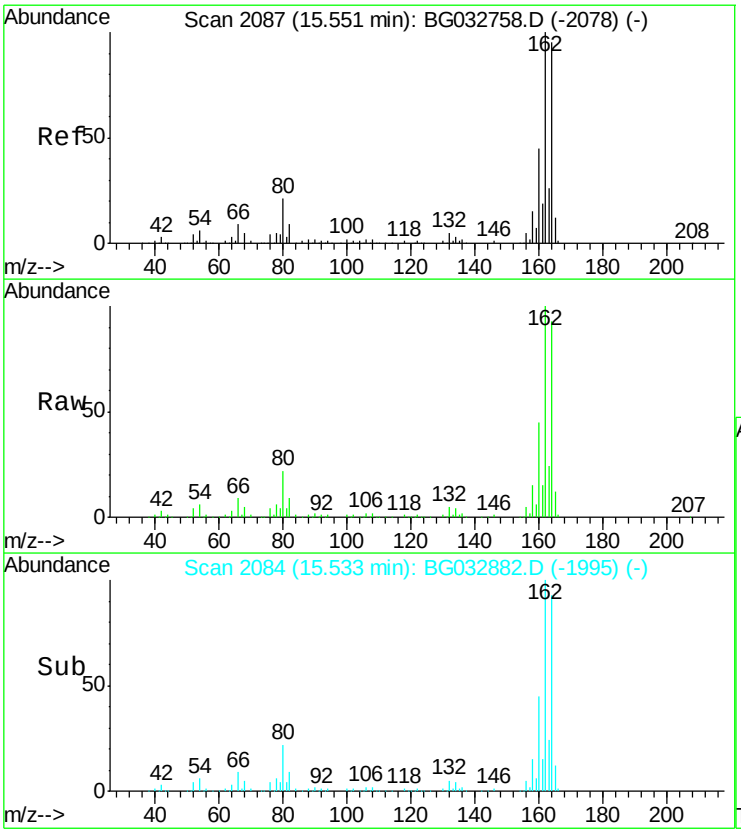
#24
Nitrobenzene
Concen: 6.659 ng
RT: 10.13 min Scan# 1164
Delta R.T. -0.04 min
Lab File: BG032882.D
Acq: 28 Feb 2018 9:02

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 1699

Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.0	49.6#
65	28.0	13.0	19.6#

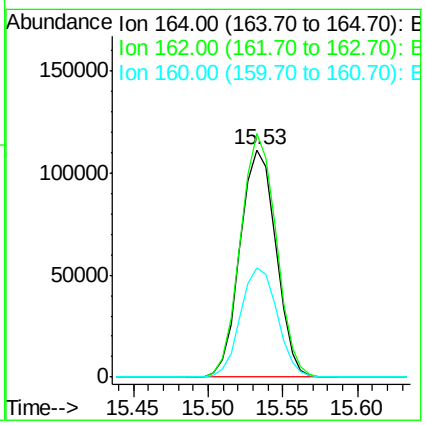


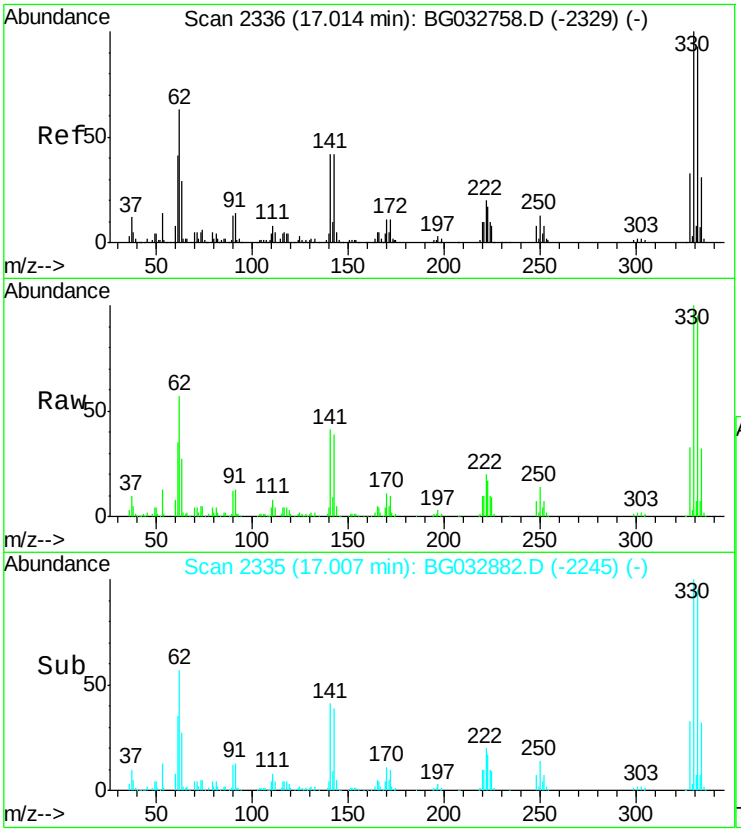


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.53 min Scan# 2084
Delta R.T. -0.01 min
Lab File: BG032882.D
Acq: 28 Feb 2018 9:02

Tgt Ion:164 Resp: 185870

Ion	Ratio	Lower	Upper
164	100		
162	107.0	78.8	118.2
160	47.8	35.4	53.0



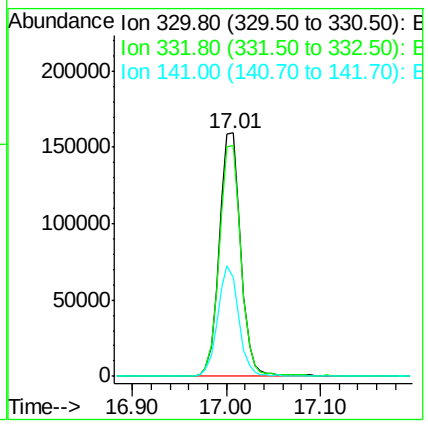


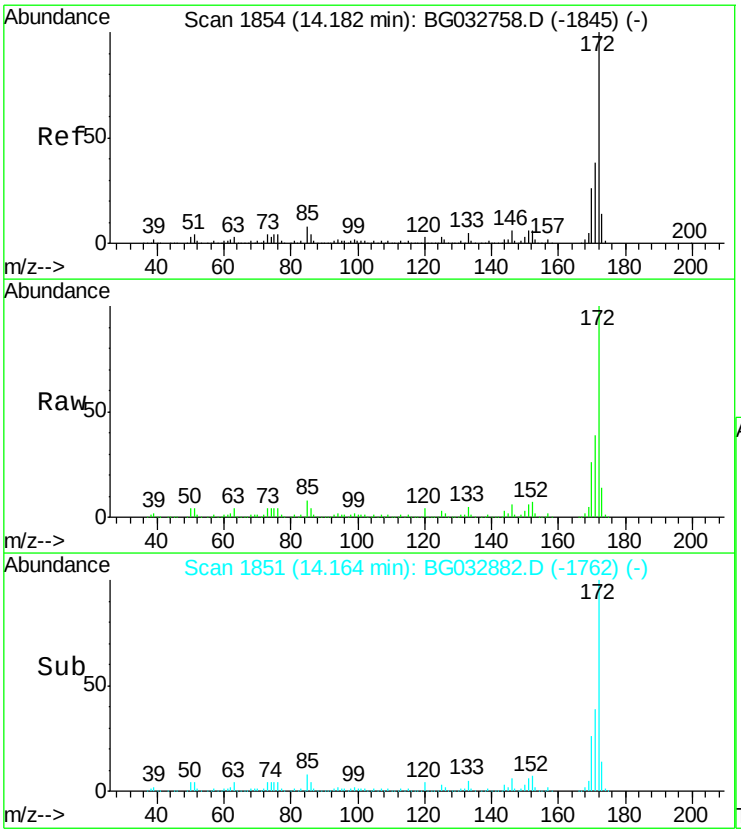
#41
2,4,6-Tribromophenol
Concen: 130.334 ng
RT: 17.01 min Scan# 2335
Delta R.T. -0.00 min
Lab File: BG032882.D
Acq: 28 Feb 2018 9:02

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 254720

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	44.4	25.2	37.8#

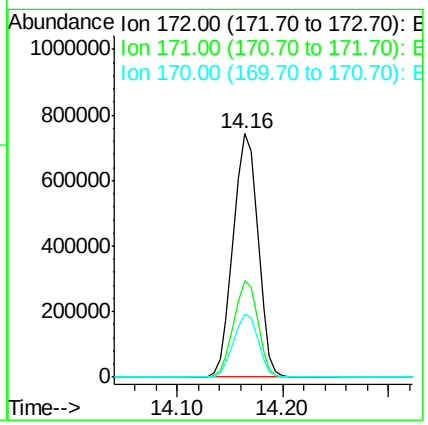


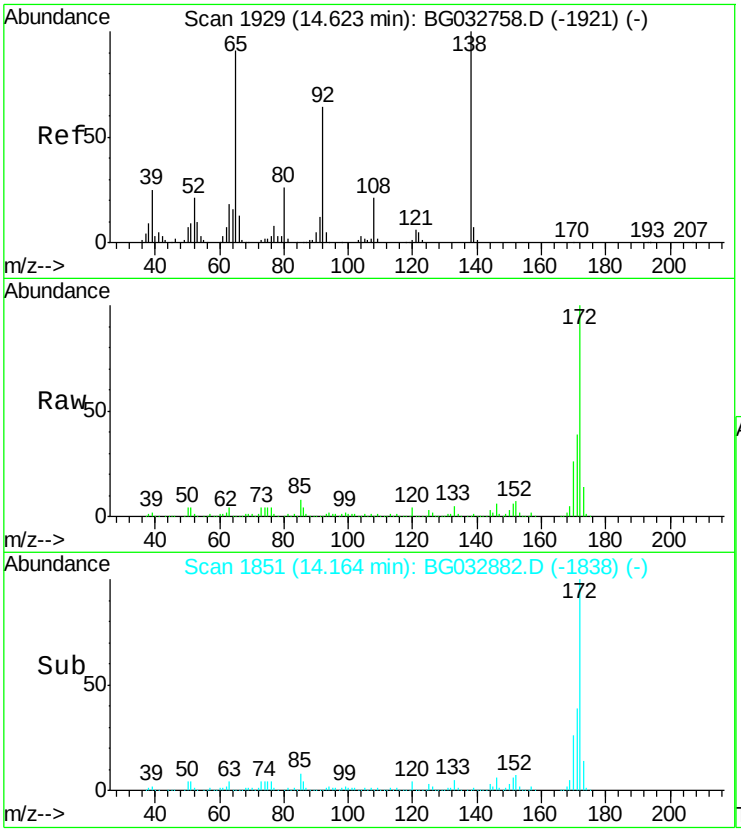


#44
2-Fluorobiphenyl
Concen: 93.449 ng
RT: 14.16 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BG032882.D
Acq: 28 Feb 2018 9:02

Tgt Ion:172 Resp: 1204319

Ion	Ratio	Lower	Upper
172	100		
171	39.4	30.0	45.0
170	25.9	19.5	29.3



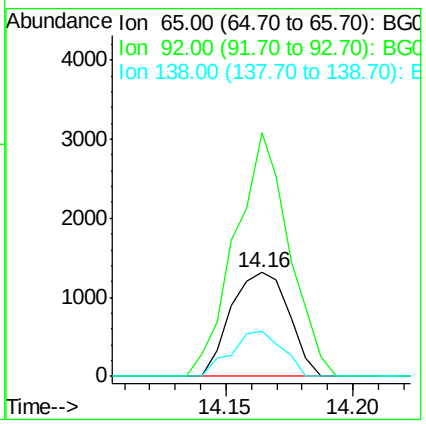


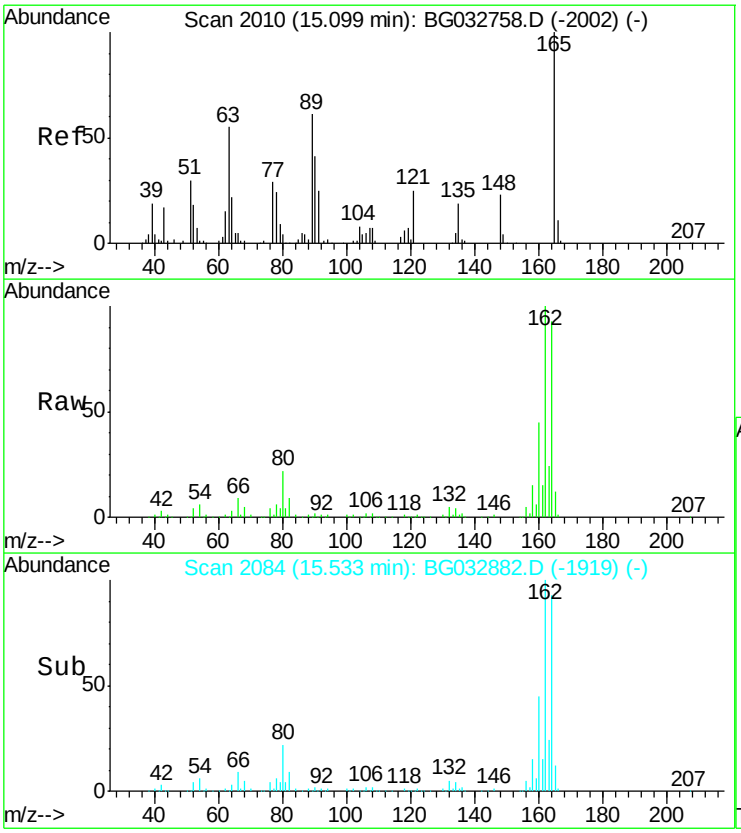
#47
2-Nitroaniline
Concen: 10.377 ng
RT: 14.16 min Scan# 1851
Delta R.T. -0.46 min
Lab File: BG032882.D
Acq: 28 Feb 2018 9:02

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 65 Resp: 2082

Ion	Ratio	Lower	Upper
65	100		
92	235.0	54.6	82.0#
138	44.0	72.9	109.3#

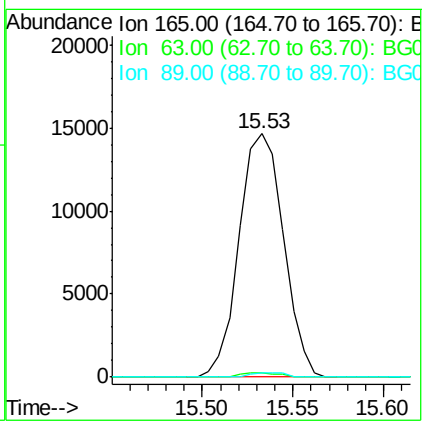


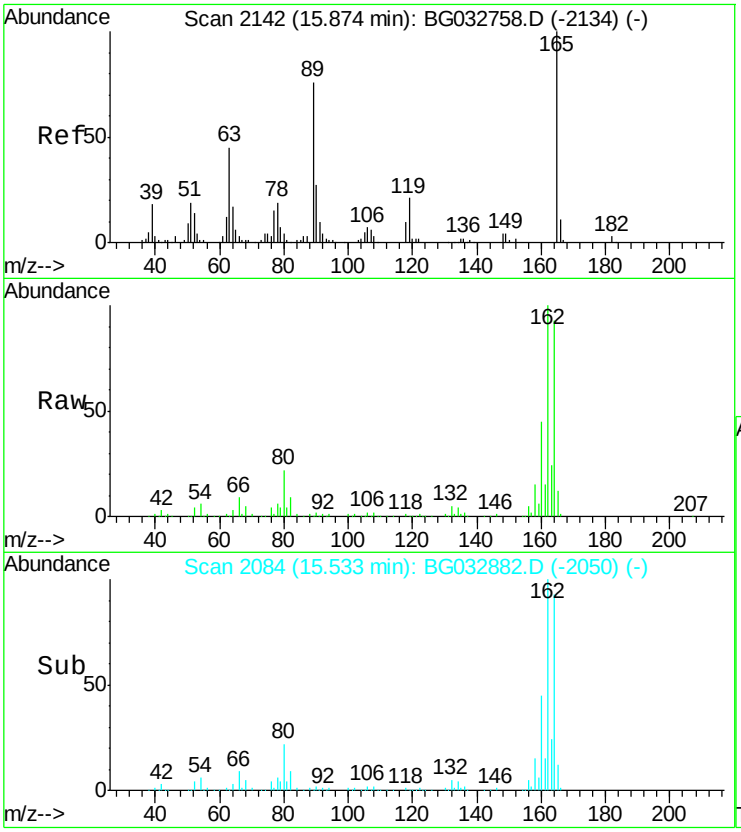


#50
2,6-Dinitrotoluene
Concen: 16.687 ng
RT: 15.53 min Scan# 2084
Delta R.T. 0.44 min
Lab File: BG032882.D
Acq: 28 Feb 2018 9:02

Tgt Ion:165 Resp: 24975

Ion	Ratio	Lower	Upper
165	100		
63	1.8	52.7	79.1#
89	1.9	49.2	73.8#



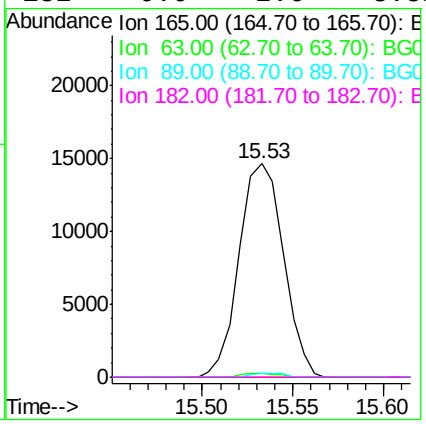


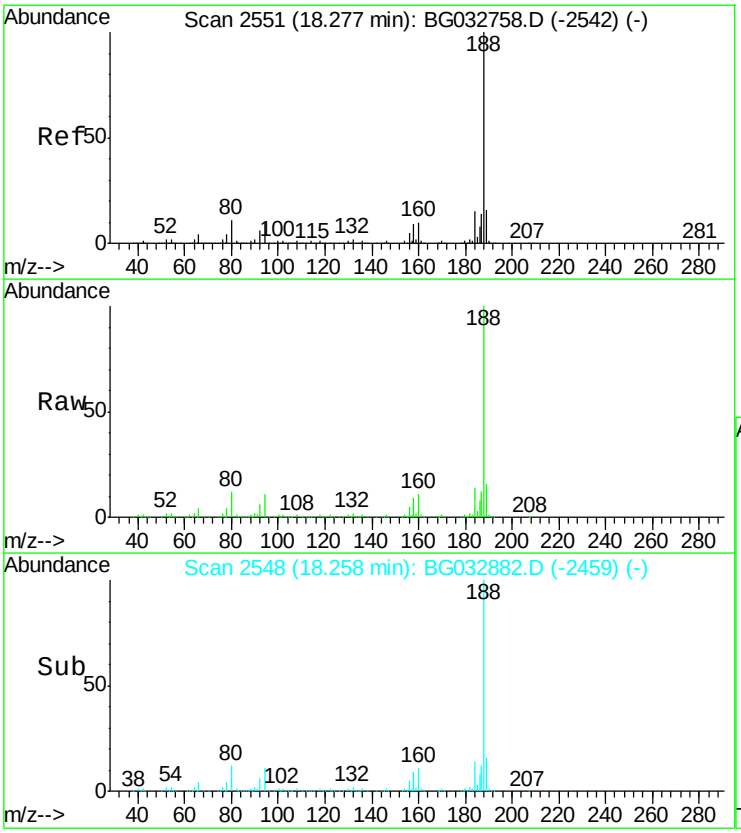
#56
2,4-Dinitrotoluene
Concen: 14.886 ng
RT: 15.53 min Scan# 2084
Delta R.T. -0.33 min
Lab File: BG032882.D
Acq: 28 Feb 2018 9:02

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 24975

Ion	Ratio	Lower	Upper
165	100		
63	1.8	42.0	63.0#
89	1.9	66.9	100.3#
182	0.0	2.6	3.8#

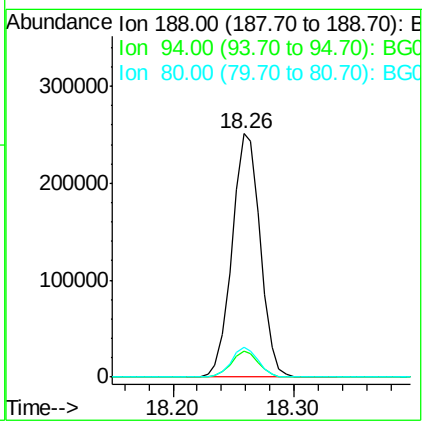


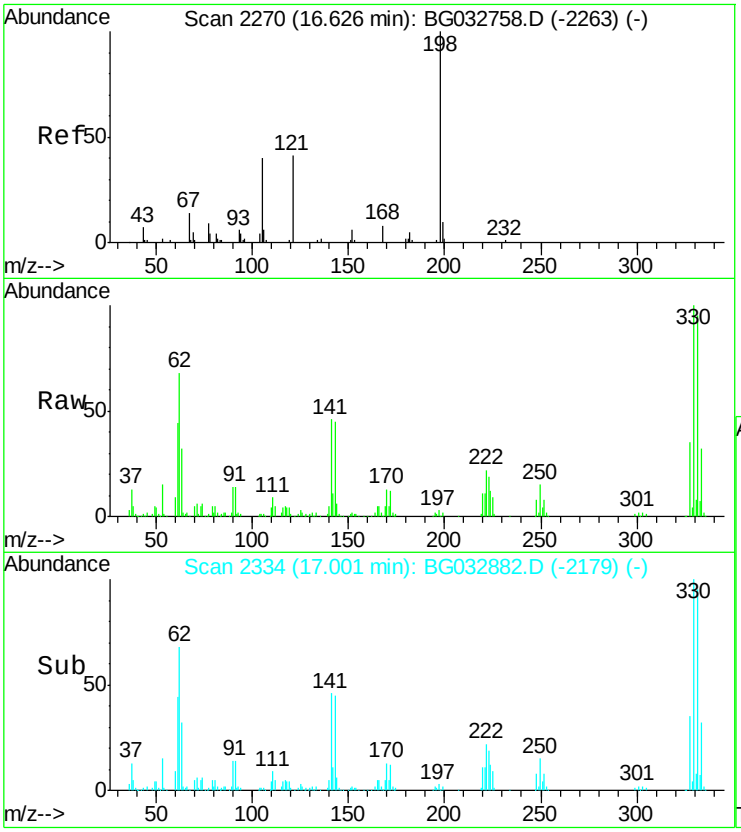


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.26 min Scan# 2548
Delta R.T. -0.01 min
Lab File: BG032882.D
Acq: 28 Feb 2018 9:02

Tgt Ion:188 Resp: 407127

Ion	Ratio	Lower	Upper
188	100		
94	10.9	6.9	10.3#
80	12.0	7.7	11.5#



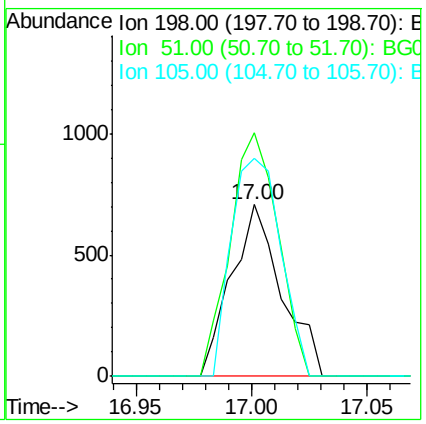


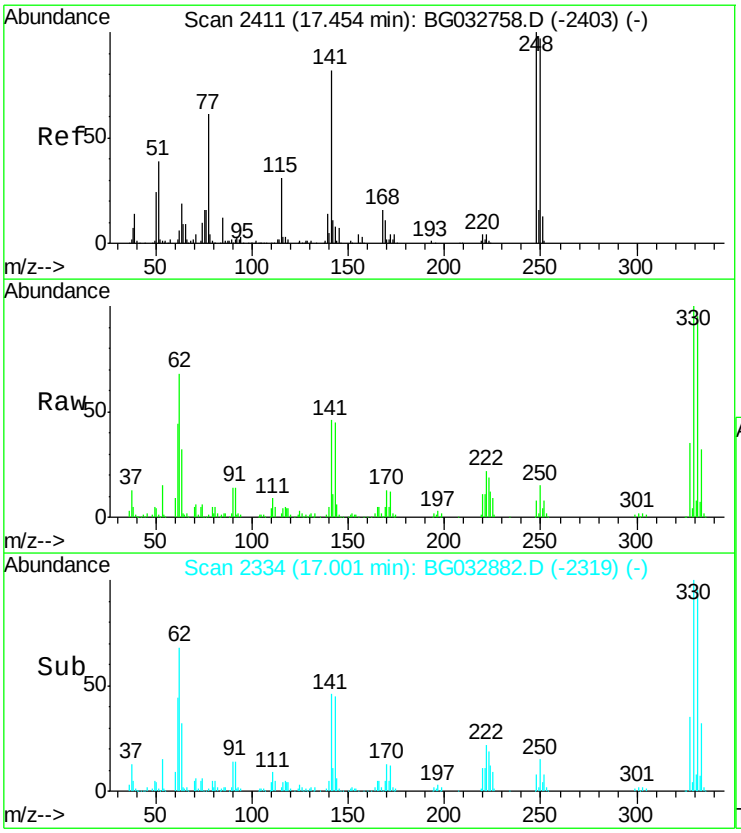
#64
4,6-Dinitro-2-methylphenol
Concen: 6.069 ng
RT: 17.00 min Scan# 2334
Delta R.T. 0.38 min
Lab File: BG032882.D
Acq: 28 Feb 2018 9:02

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 1076

Ion	Ratio	Lower	Upper
198	100		
51	141.7	30.6	70.6#
105	127.1	23.8	63.8#

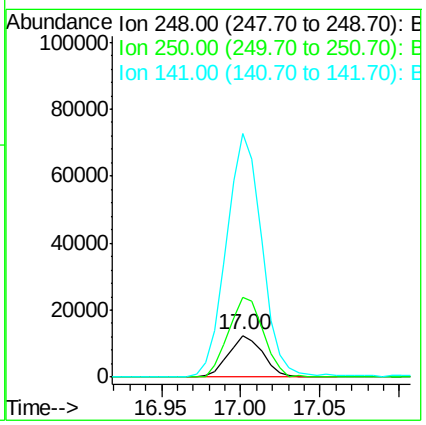


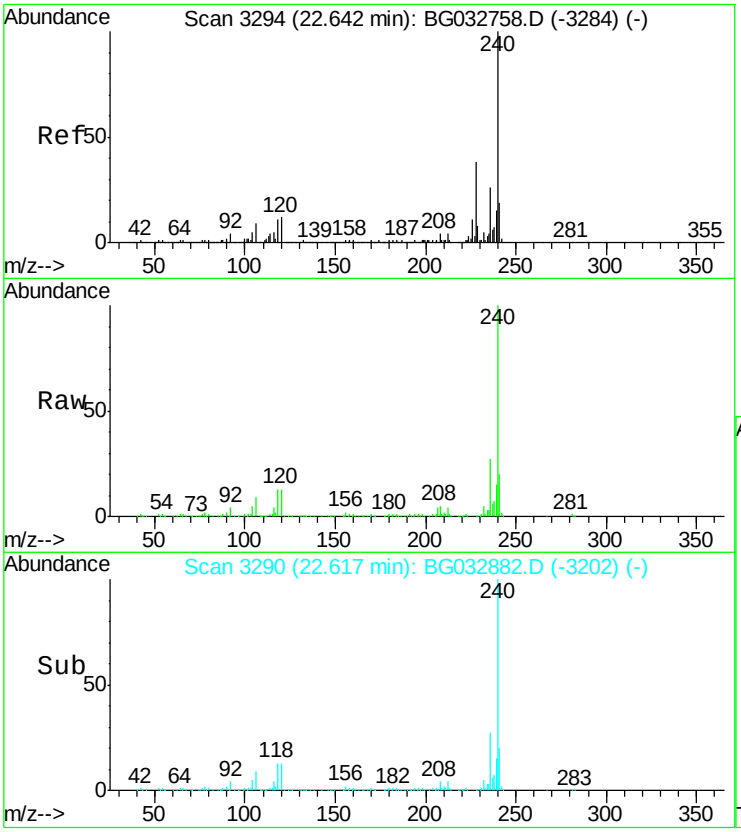


#66
4-Bromophenyl-phenylether
Concen: 4.362 ng
RT: 17.00 min Scan# 2334
Delta R.T. -0.44 min
Lab File: BG032882.D
Acq: 28 Feb 2018 9:02

Tgt Ion:248 Resp: 18776

Ion	Ratio	Lower	Upper
248	100		
250	191.3	77.1	115.7#
141	580.2	50.8	76.2#



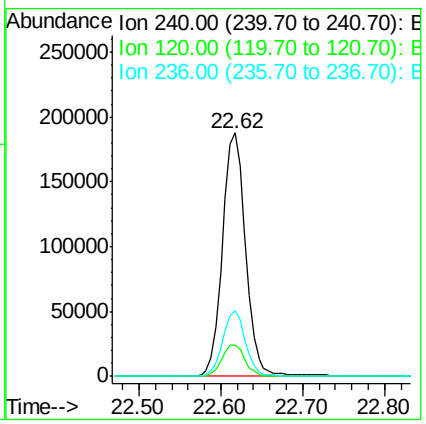


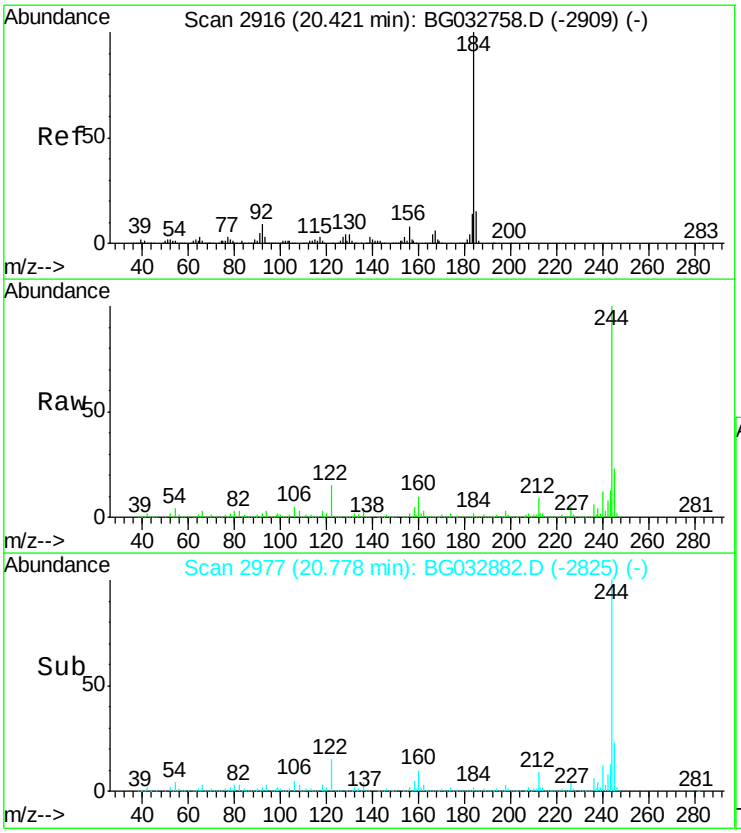
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.62 min Scan# 3290
Delta R.T. -0.01 min
Lab File: BG032882.D
Acq: 28 Feb 2018 9:02

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 371118

Ion	Ratio	Lower	Upper
240	100		
120	12.9	6.8	10.2#
236	27.0	20.9	31.3

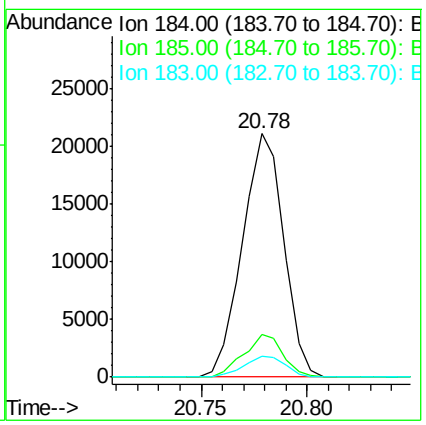


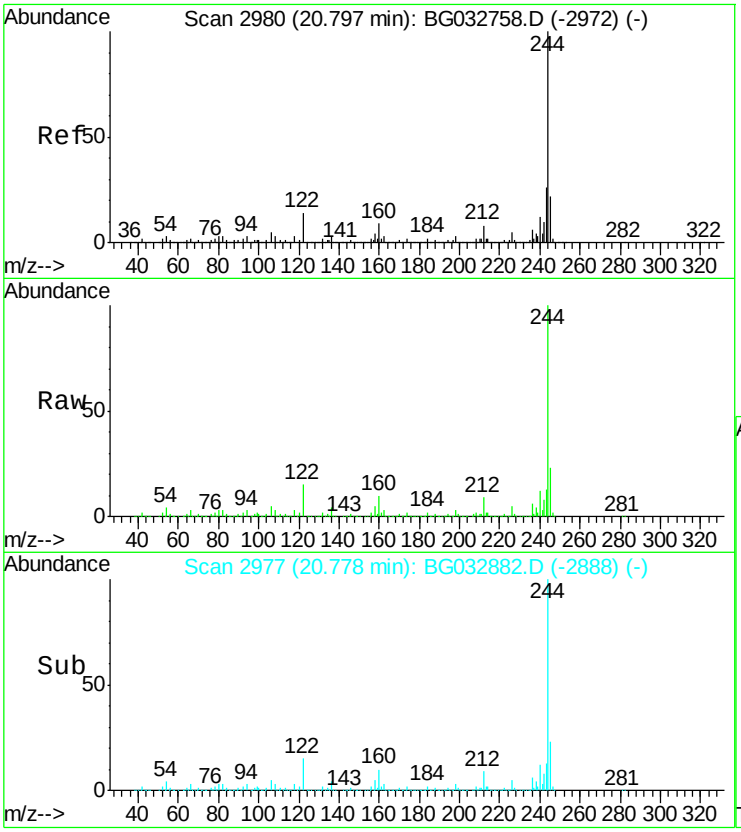


#76
Benzidine
Concen: 2.263 ng
RT: 20.78 min Scan# 2977
Delta R.T. 0.36 min
Lab File: BG032882.D
Acq: 28 Feb 2018 9:02

Tgt Ion:184 Resp: 28629

Ion	Ratio	Lower	Upper
184	100		
185	17.5	11.1	16.7#
183	8.4	10.6	16.0#



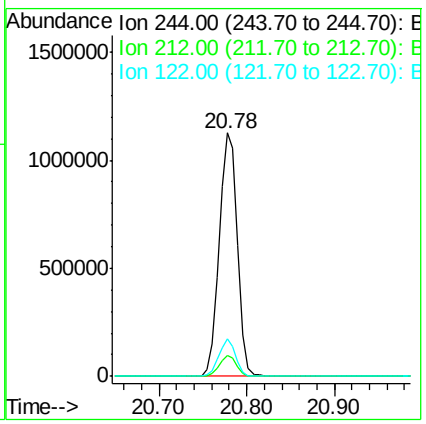


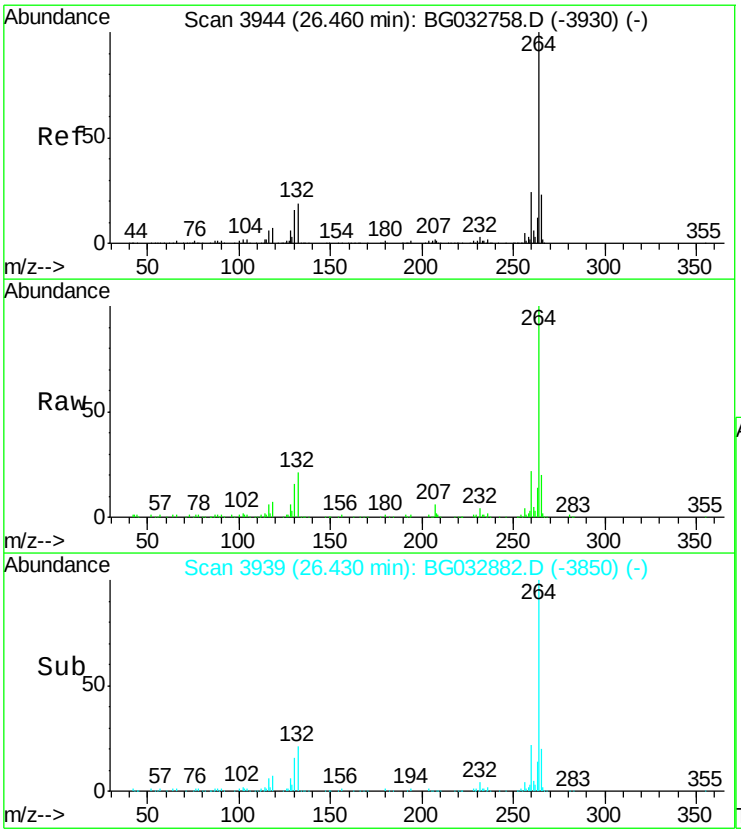
#78
Terphenyl-d14
Concen: 98.085 ng
RT: 20.78 min Scan# 2977
Delta R.T. -0.01 min
Lab File: BG032882.D
Acq: 28 Feb 2018 9:02

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1620178

Ion	Ratio	Lower	Upper
244	100		
212	8.6	5.8	8.8
122	15.2	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.43 min Scan# 3939
Delta R.T. -0.01 min
Lab File: BG032882.D
Acq: 28 Feb 2018 9:02

Tgt Ion:264 Resp: 367174

Ion	Ratio	Lower	Upper
264	100		
260	22.5	17.4	26.0
265	20.4	17.7	26.5