Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG030218\
Data File : BG032968.D
Acq On : 3 Mar 2018 6:06
Operator : SJ/JU
Sample : J1778-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Mar 05 01:34:24 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 01 17:38:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	60161	20.00	ng	0.00
21) Naphthalene-d8	11.80	136	260162	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	142180	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	328566	20.00	ng	0.00
75) Chrysene-d12	22.61	240	307137	20.00	ng	-0.01
86) Perylene-d12	26.42	264	296087	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.33	112	516719	137.41	ng	0.00
7) Phenol-d6	8.01	99	633249	120.81	ng	0.00
23) Nitrobenzene-d5	10.11	82	438000	113.12	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	223288	149.36	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	938748	95.23	ng	0.00
78) Terphenyl-d14	20.78	244	1397994	102.26	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	10.11	70	57477	15.533	ng	# 83
24) Nitrobenzene	10.11	77	1287	6.649	ng	# 42
47) 2-Nitroaniline	14.16	65	1522	10.353	ng	# 4
50) 2,6-Dinitrotoluene	15.53	165	17982	16.229	ng	# 19
56) 2,4-Dinitrotoluene	15.53	165	17982	14.426	ng	# 17
64) 4,6-Dinitro-2-methylphenol	16.99	198	654	5.794	ng	# 1
66) 4-Bromophenyl-phenylether	17.00	248	16358	4.708	ng	# 1
76) Benzidine	20.78	184	23942	2.287	ng	# 92

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

Quantitation Report (Not Reviewed)

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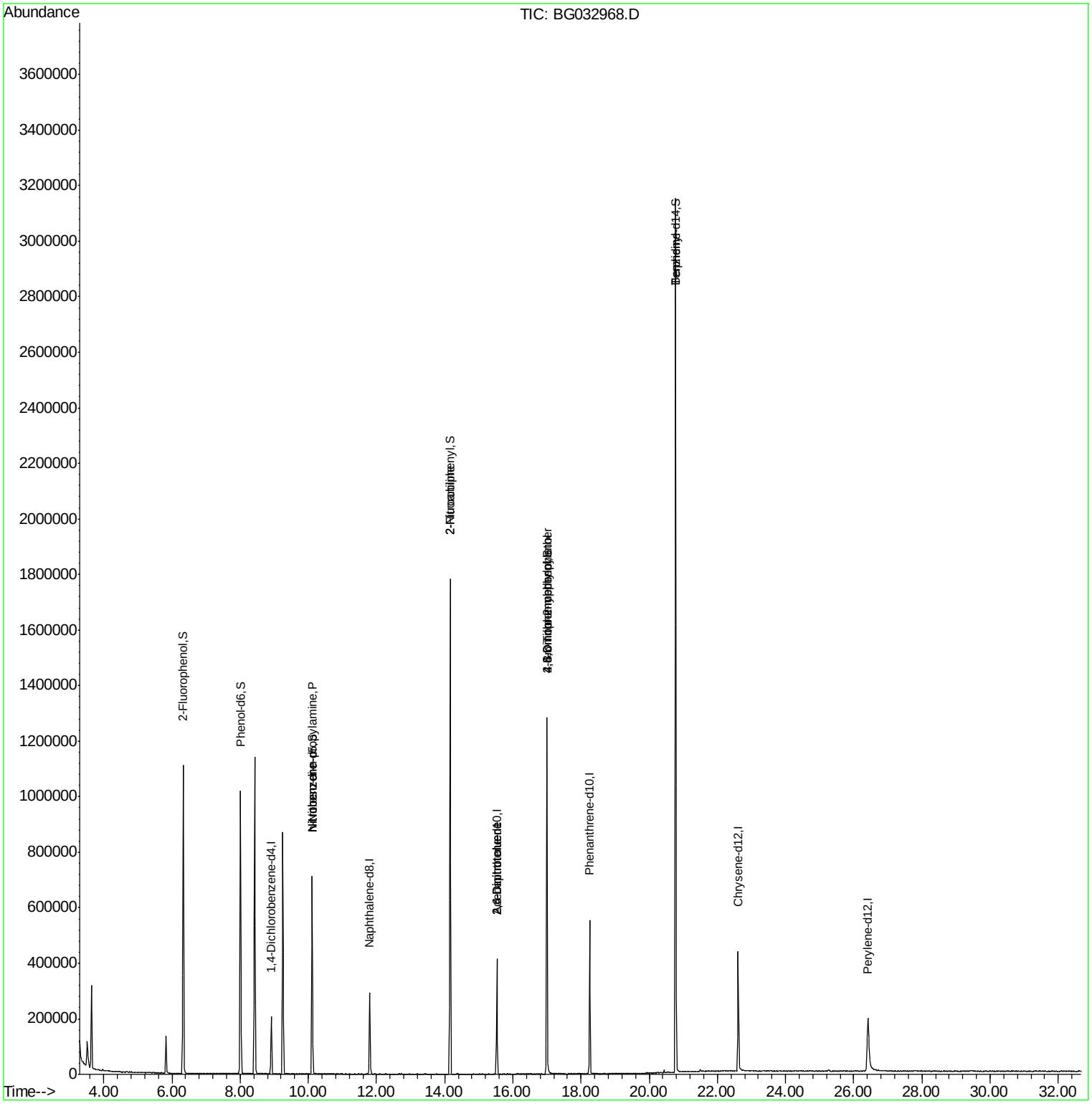
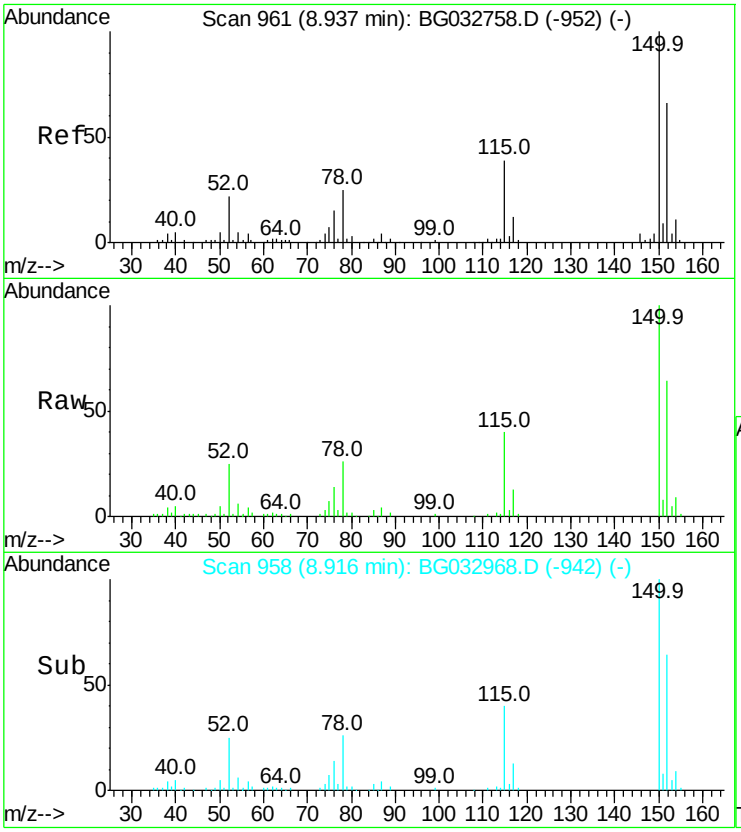


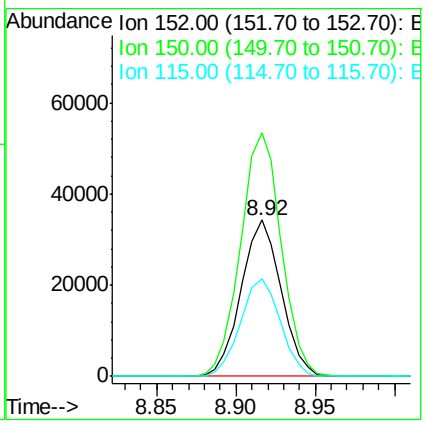


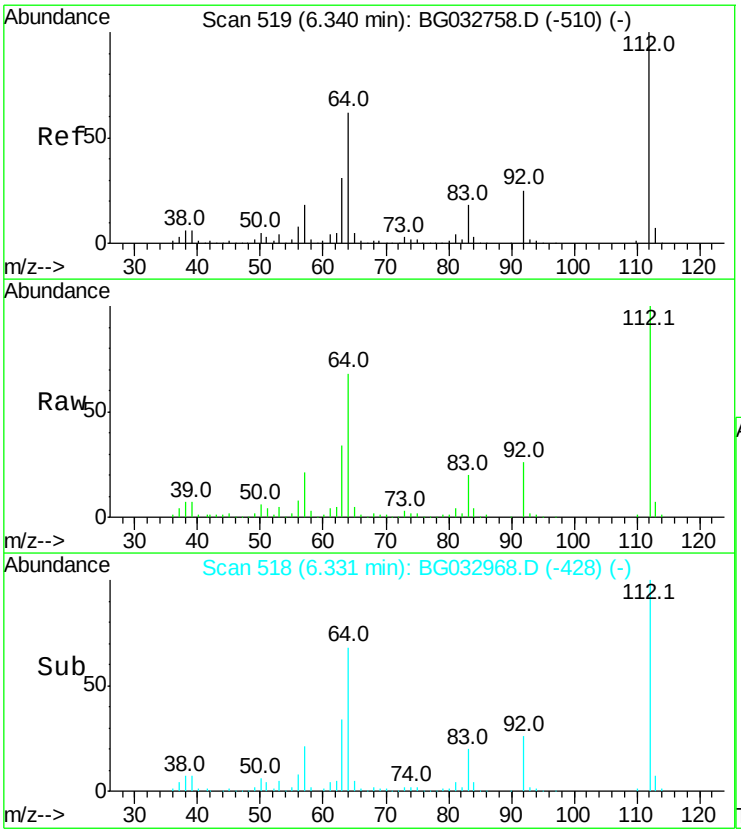
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 958
Delta R.T. -0.00 min
Lab File: BG032968.D
Acq: 3 Mar 2018 6:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 60161

Ion	Ratio	Lower	Upper
152	100		
150	156.1	126.6	189.8
115	62.5	53.0	79.4

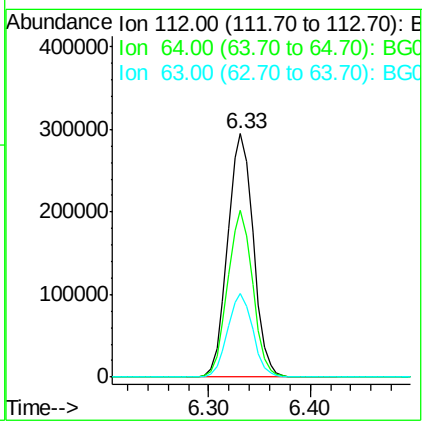


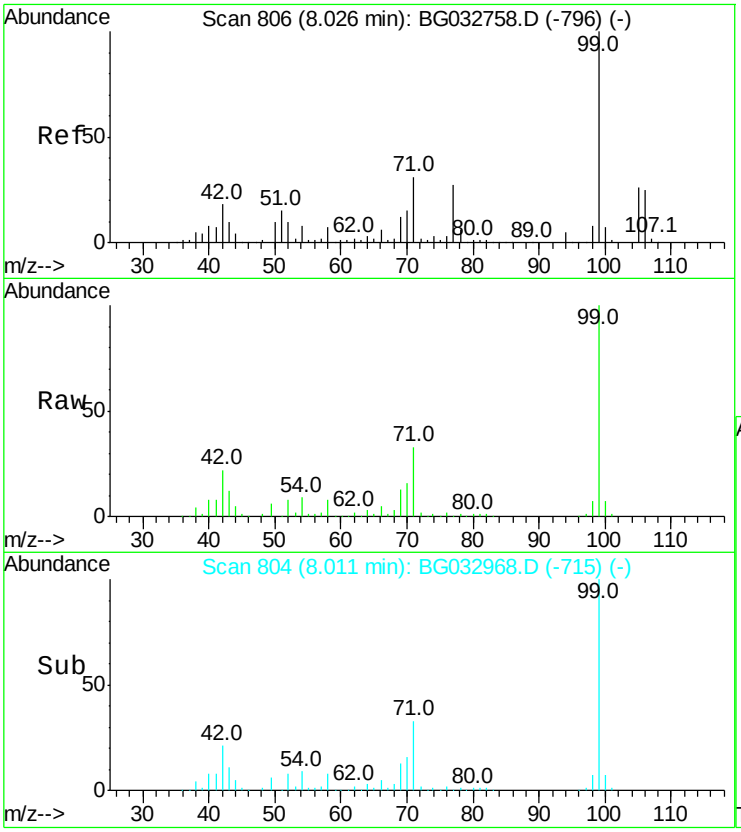


#5
2-Fluorophenol
Concen: 137.410 ng
RT: 6.33 min Scan# 518
Delta R.T. 0.00 min
Lab File: BG032968.D
Acq: 3 Mar 2018 6:06

Tgt Ion:112 Resp: 516719

Ion	Ratio	Lower	Upper
112	100		
64	68.4	56.3	84.5
63	34.3	30.1	45.1



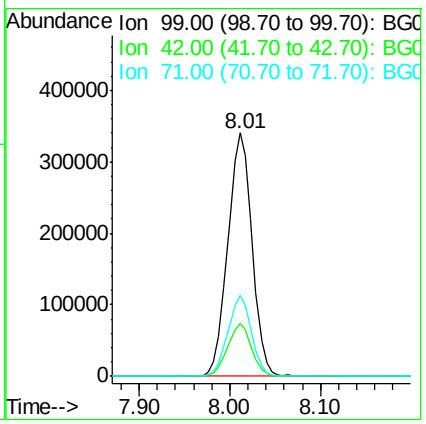


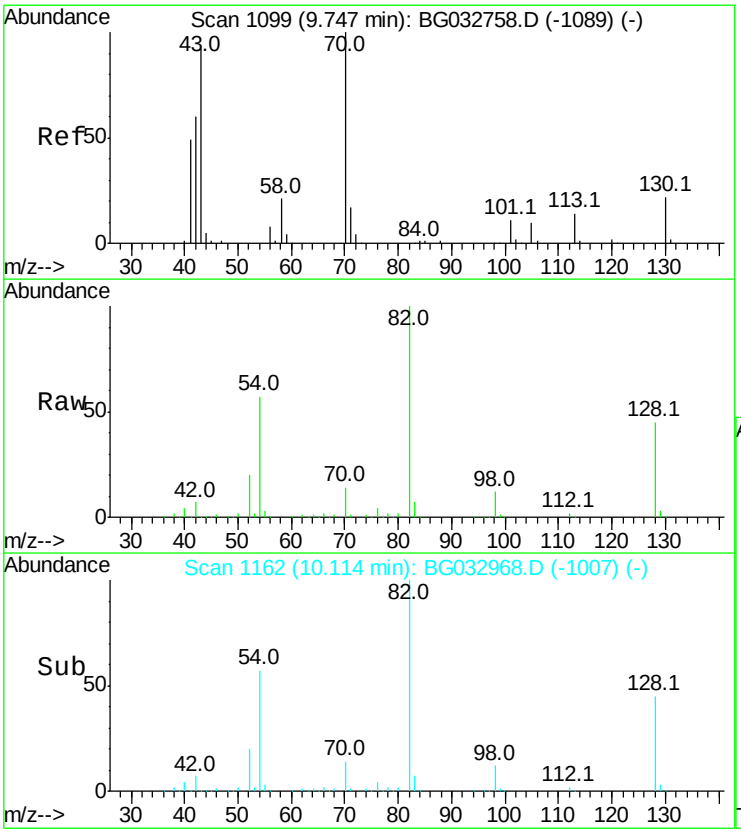
#7
Phenol-d6
Concen: 120.815 ng
RT: 8.01 min Scan# 804
Delta R.T. -0.00 min
Lab File: BG032968.D
Acq: 3 Mar 2018 6:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 633249

Ion	Ratio	Lower	Upper
99	100		
42	21.5	14.1	21.1#
71	33.1	26.1	39.1

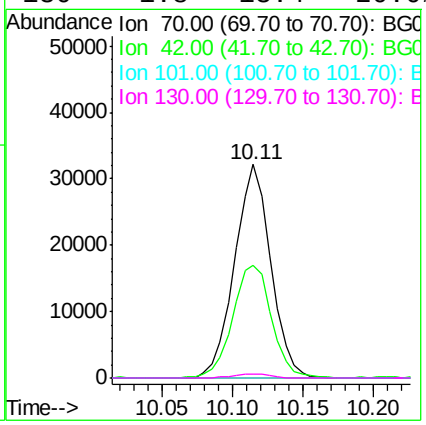


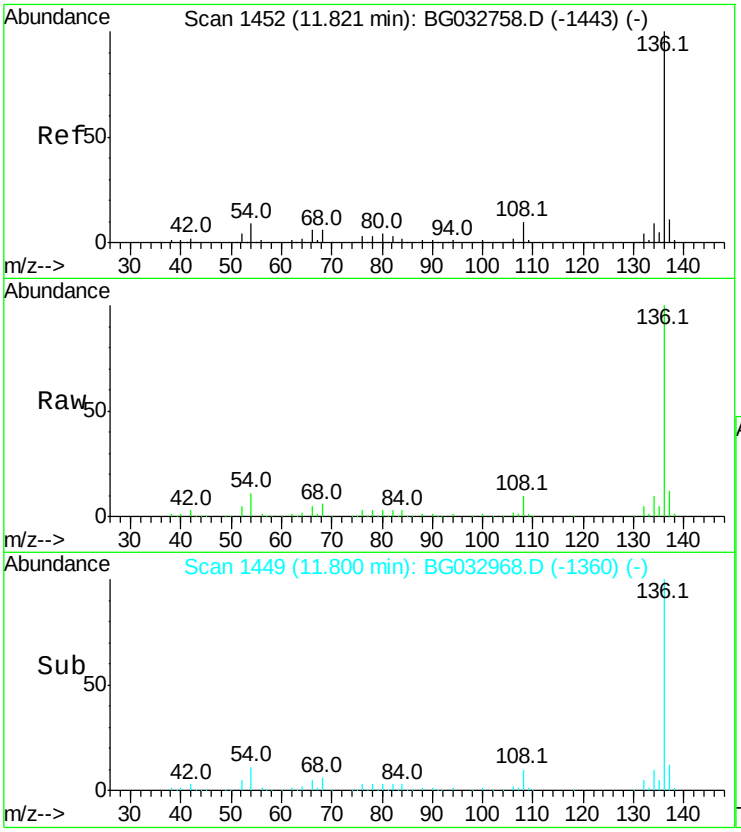


#19
n-Nitroso-di-n-propylamine
Concen: 15.533 ng
RT: 10.11 min Scan# 1162
Delta R.T. 0.38 min
Lab File: BG032968.D
Acq: 3 Mar 2018 6:06

Tgt Ion: 70 Resp: 57477

Ion	Ratio	Lower	Upper
70	100		
42	53.0	49.1	73.7
101	0.0	8.5	12.7#
130	1.8	13.4	20.0#



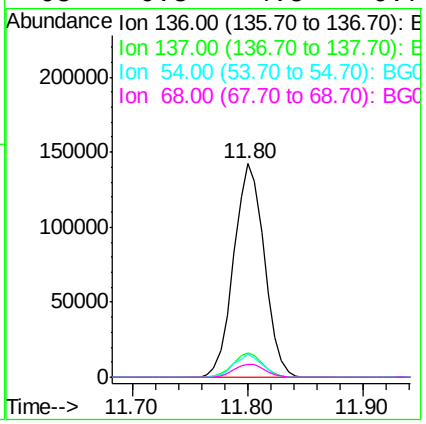


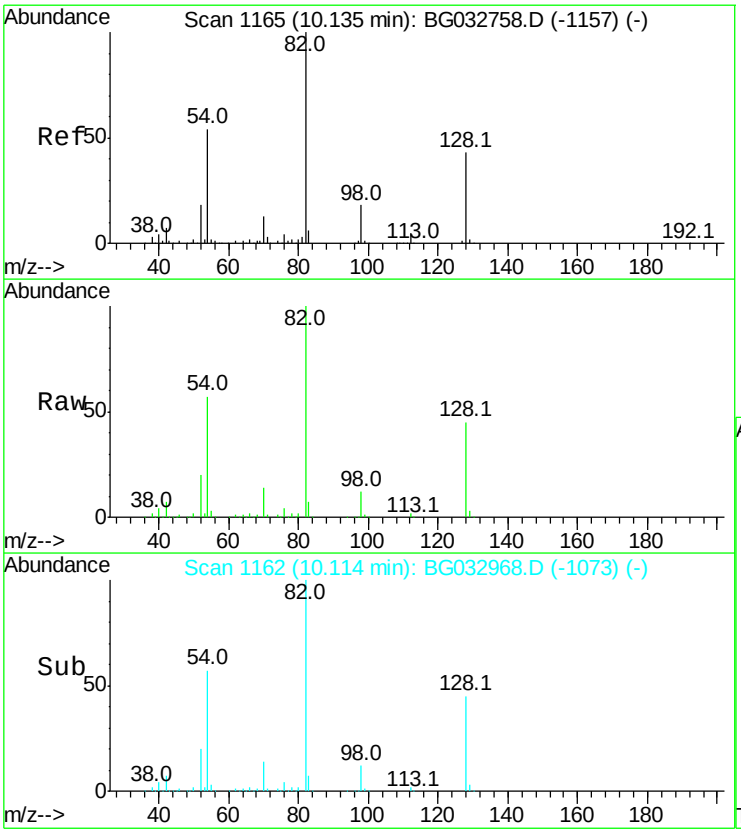
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.80 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BG032968.D
Acq: 3 Mar 2018 6:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 260162

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	10.6	10.3	15.5
68	6.3	4.5	6.7

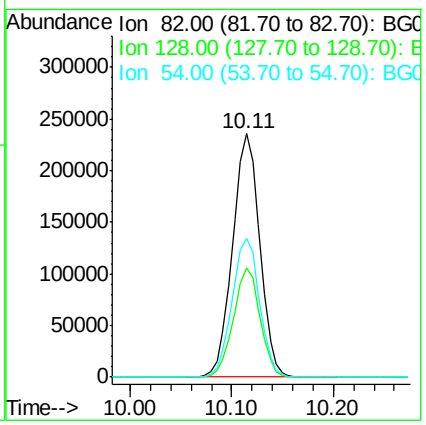


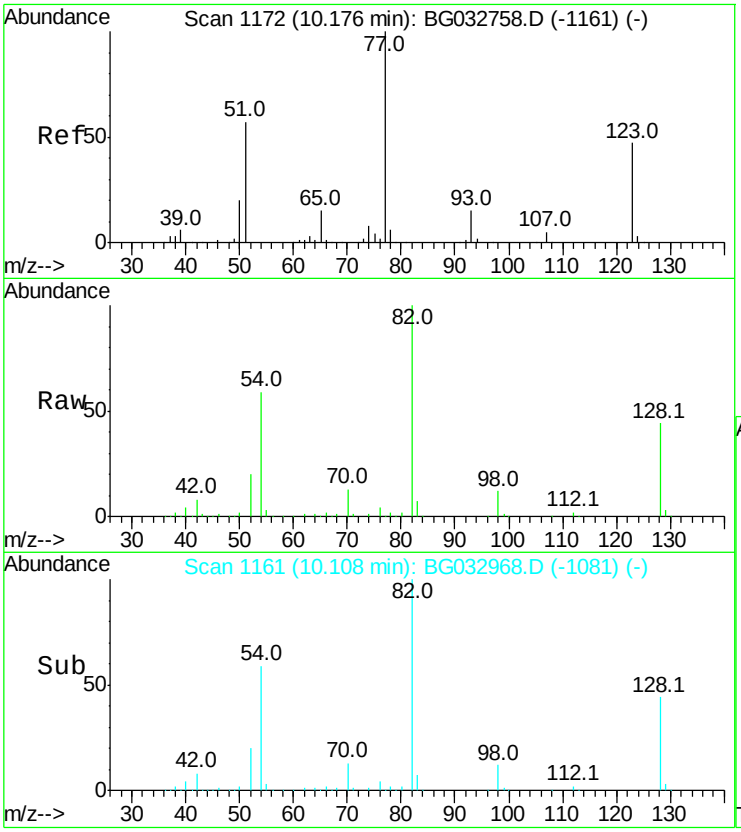


#23
Nitrobenzene-d5
Concen: 113.119 ng
RT: 10.11 min Scan# 1162
Delta R.T. -0.00 min
Lab File: BG032968.D
Acq: 3 Mar 2018 6:06

Tgt Ion: 82 Resp: 438000

Ion	Ratio	Lower	Upper
82	100		
128	45.0	29.7	44.5#
54	56.8	43.1	64.7



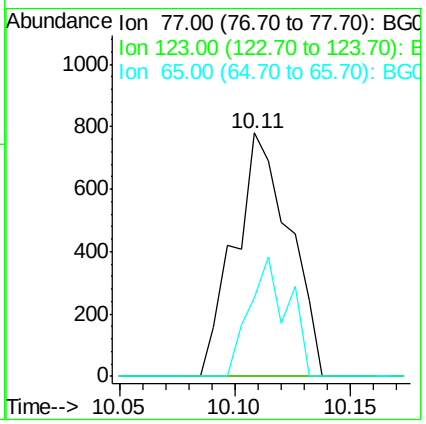


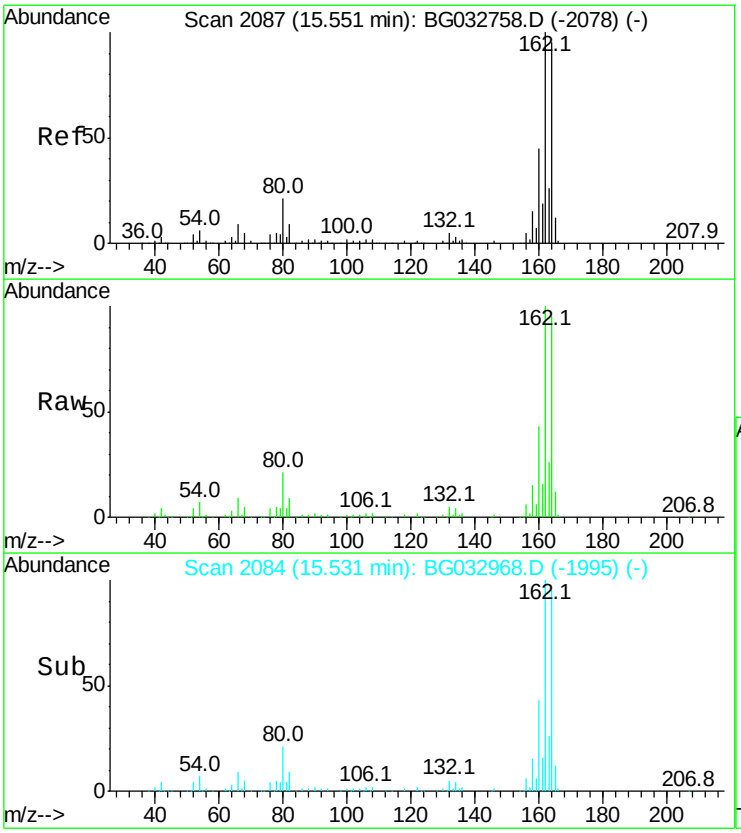
#24
Nitrobenzene
Concen: 6.649 ng
RT: 10.11 min Scan# 1161
Delta R.T. -0.06 min
Lab File: BG032968.D
Acq: 3 Mar 2018 6:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 1287

Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.0	49.6#
65	32.4	13.0	19.6#

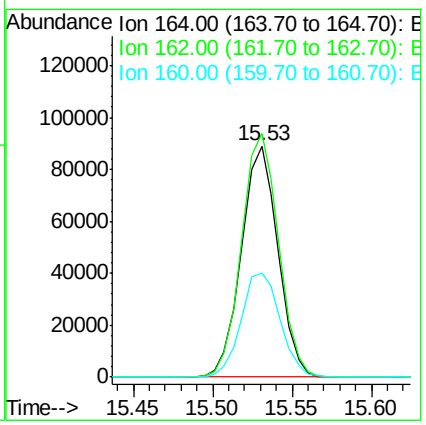


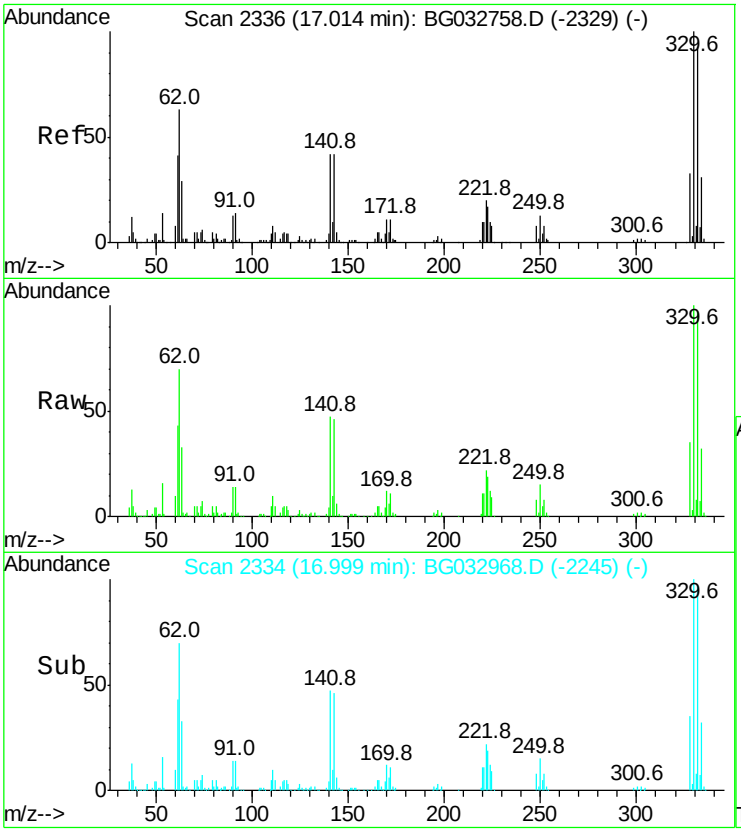


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.53 min Scan# 2084
Delta R.T. -0.00 min
Lab File: BG032968.D
Acq: 3 Mar 2018 6:06

Tgt Ion:164 Resp: 142180

Ion	Ratio	Lower	Upper
164	100		
162	105.3	78.8	118.2
160	45.1	35.4	53.0



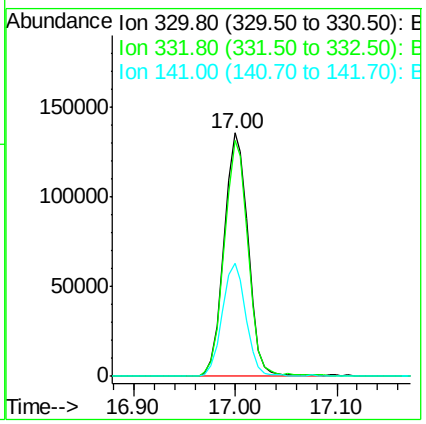


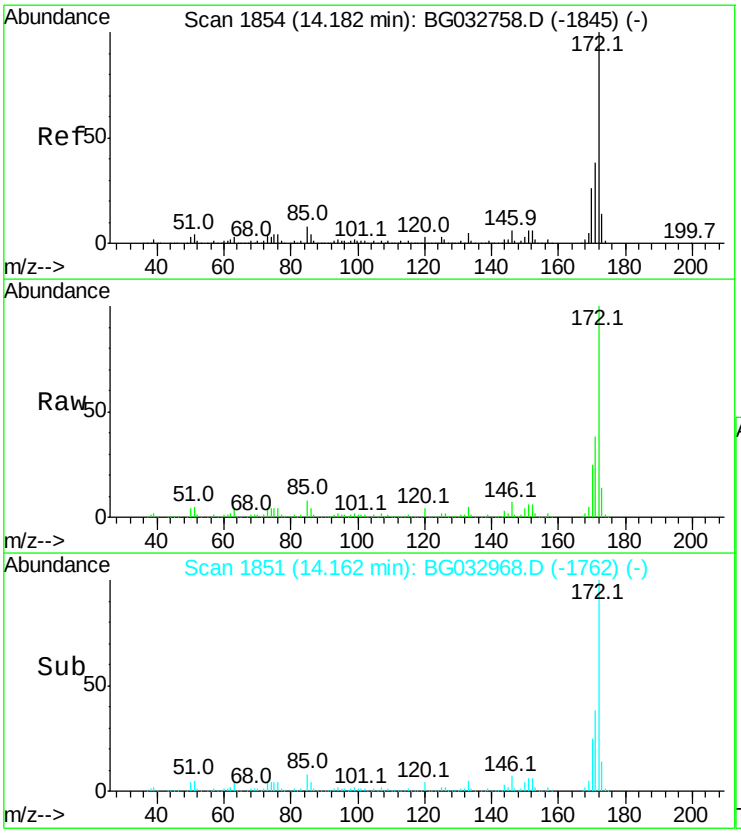
#41
2,4,6-Tribromophenol
Concen: 149.359 ng
RT: 17.00 min Scan# 2334
Delta R.T. -0.00 min
Lab File: BG032968.D
Acq: 3 Mar 2018 6:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 223288

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	45.9	25.2	37.8#

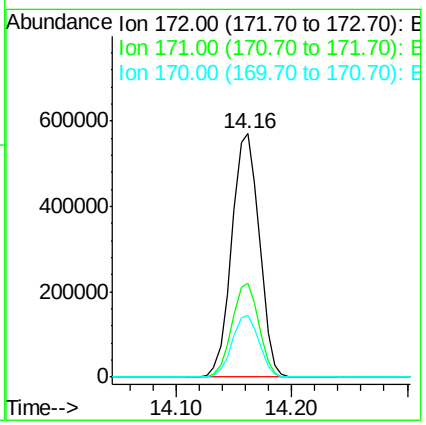


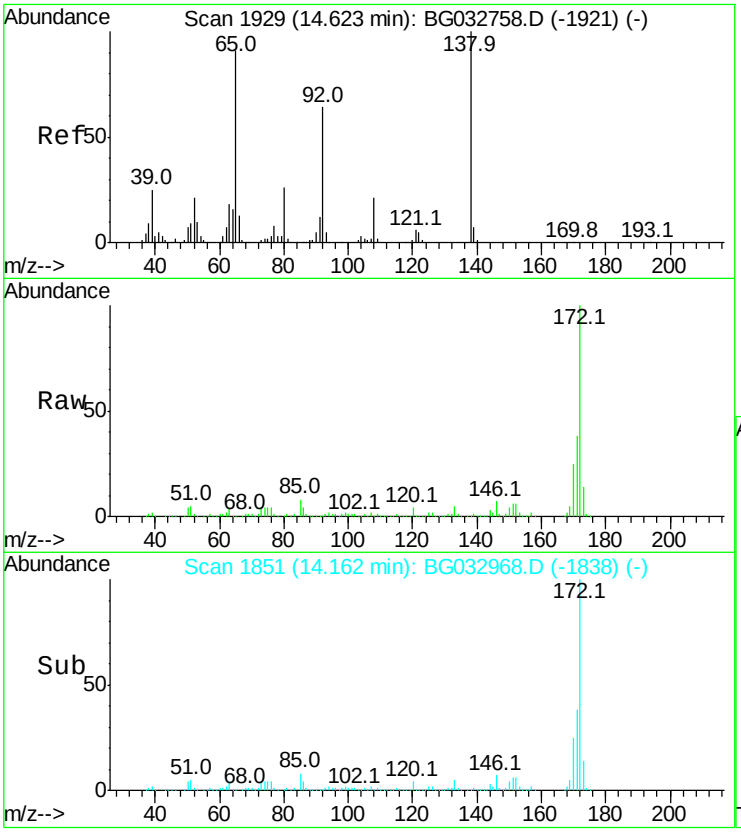


#44
2-Fluorobiphenyl
Concen: 95.225 ng
RT: 14.16 min Scan# 1851
Delta R.T. -0.00 min
Lab File: BG032968.D
Acq: 3 Mar 2018 6:06

Tgt Ion:172 Resp: 938748

Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.0	45.0
170	25.4	19.5	29.3



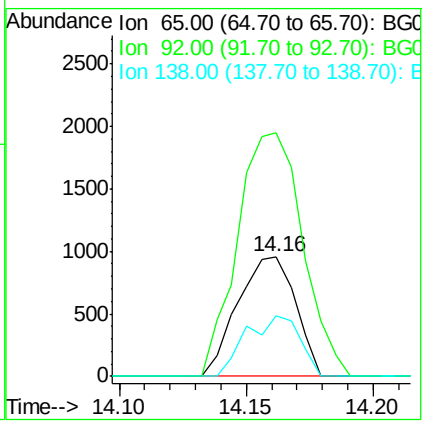


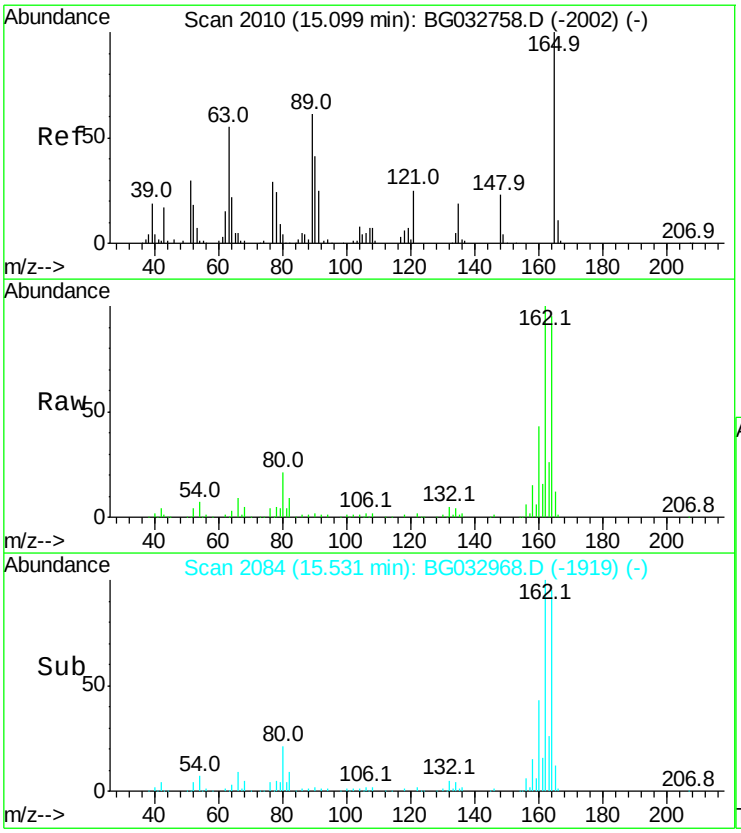
#47
2-Nitroaniline
Concen: 10.353 ng
RT: 14.16 min Scan# 1851
Delta R.T. -0.45 min
Lab File: BG032968.D
Acq: 3 Mar 2018 6:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 65 Resp: 1522

Ion	Ratio	Lower	Upper
65	100		
92	202.7	54.6	82.0#
138	50.4	72.9	109.3#

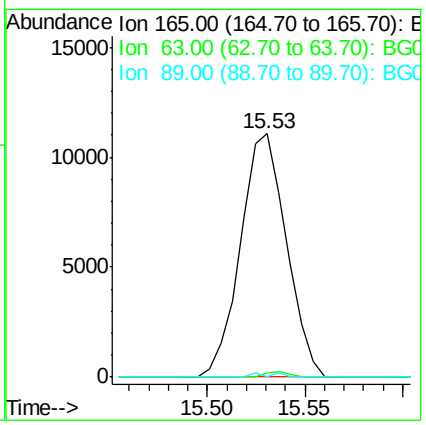


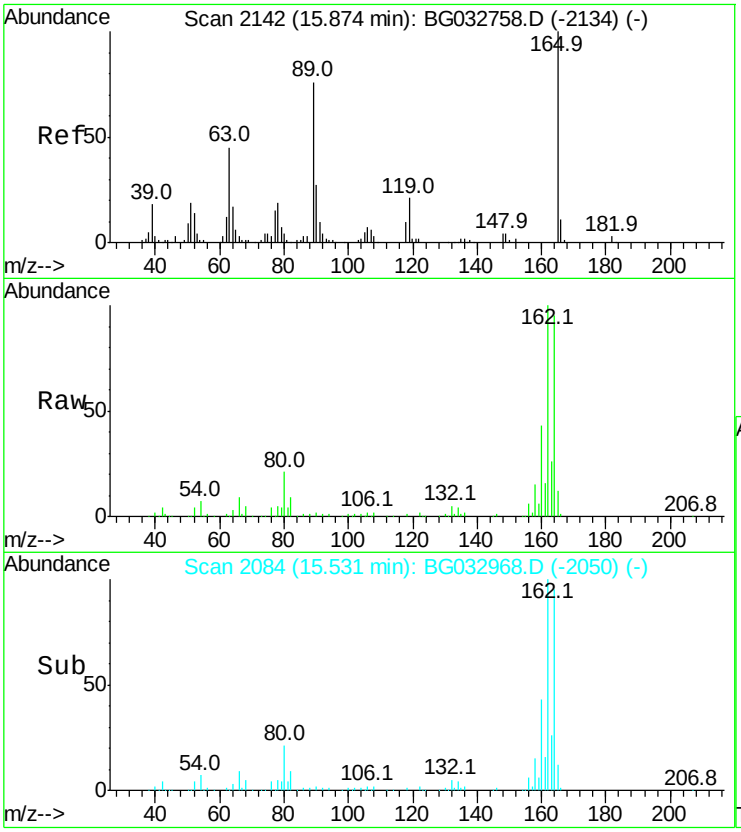


#50
2,6-Dinitrotoluene
Concen: 16.229 ng
RT: 15.53 min Scan# 2084
Delta R.T. 0.44 min
Lab File: BG032968.D
Acq: 3 Mar 2018 6:06

Tgt Ion:165 Resp: 17982

Ion	Ratio	Lower	Upper
165	100		
63	1.6	52.7	79.1#
89	0.0	49.2	73.8#



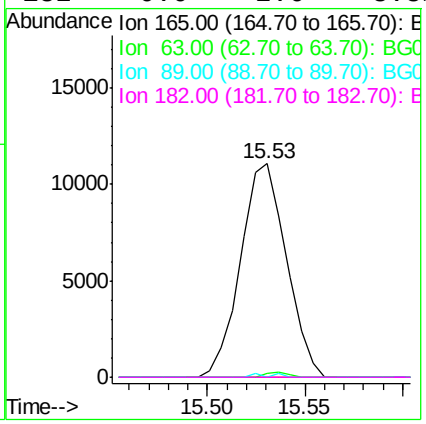


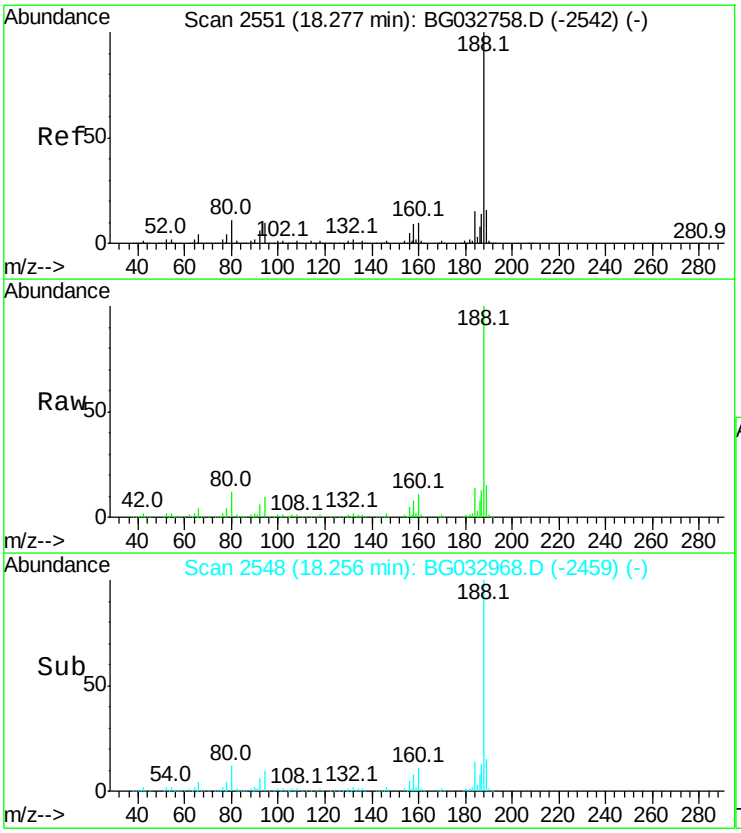
#56
2,4-Dinitrotoluene
Concen: 14.426 ng
RT: 15.53 min Scan# 2084
Delta R.T. -0.33 min
Lab File: BG032968.D
Acq: 3 Mar 2018 6:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 17982

Ion	Ratio	Lower	Upper
165	100		
63	1.6	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#

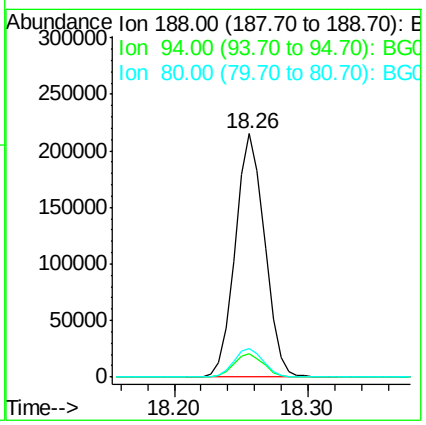


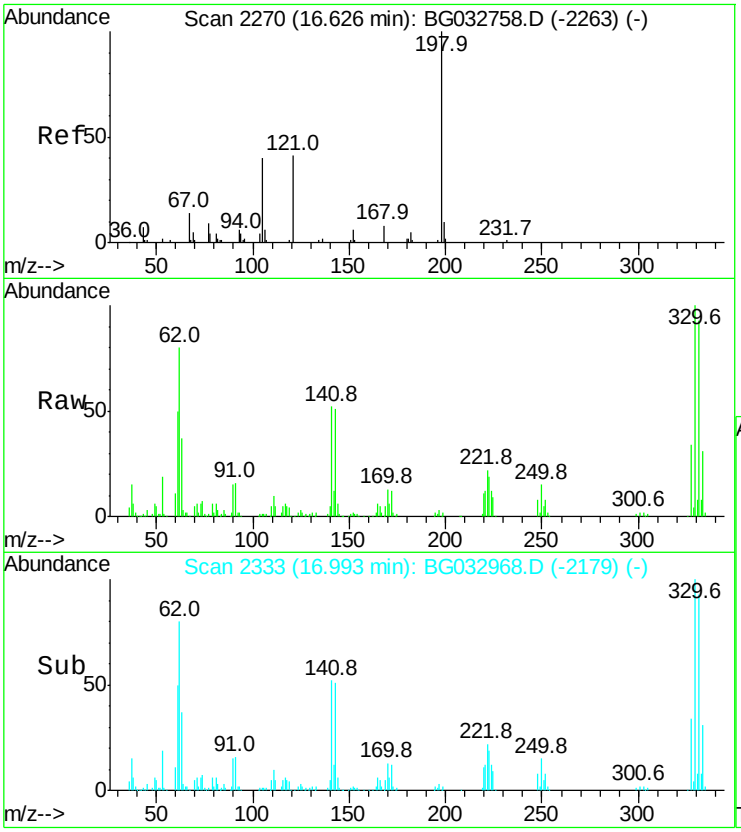


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.26 min Scan# 2548
Delta R.T. -0.00 min
Lab File: BG032968.D
Acq: 3 Mar 2018 6:06

Tgt Ion:188 Resp: 328566

Ion	Ratio	Lower	Upper
188	100		
94	9.8	6.9	10.3
80	11.6	7.7	11.5#



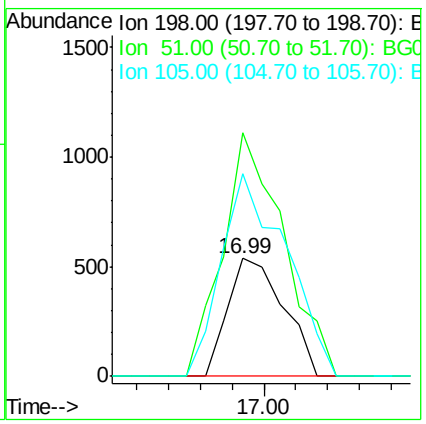


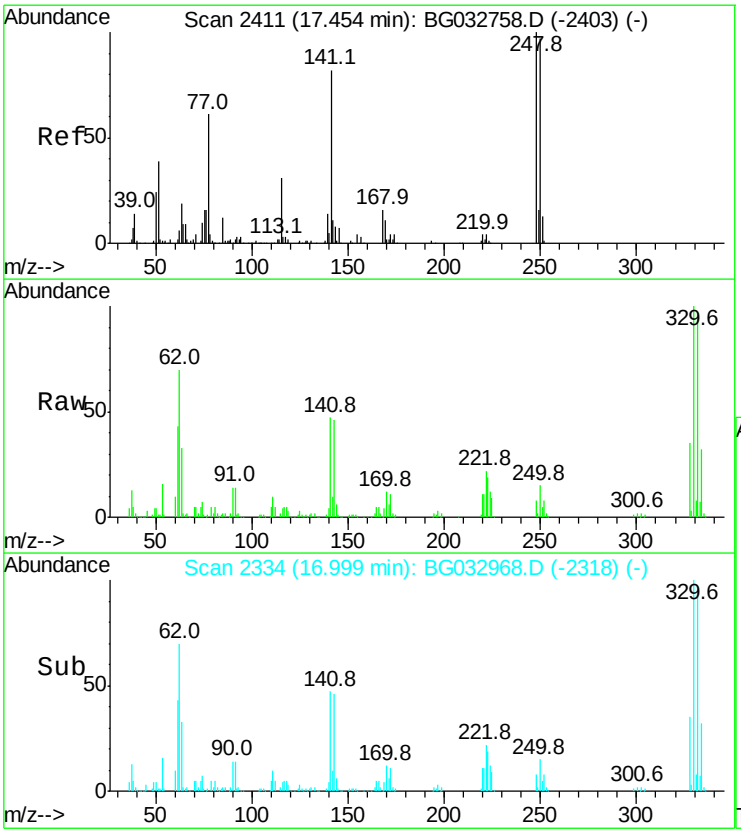
#64
4,6-Dinitro-2-methylphenol
Concen: 5.794 ng
RT: 16.99 min Scan# 2333
Delta R.T. 0.38 min
Lab File: BG032968.D
Acq: 3 Mar 2018 6:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 654

Ion	Ratio	Lower	Upper
198	100		
51	206.5	30.6	70.6#
105	171.4	23.8	63.8#

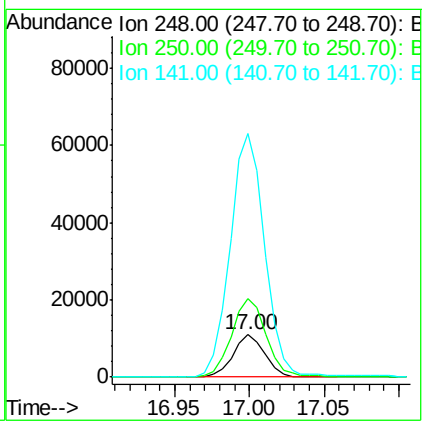


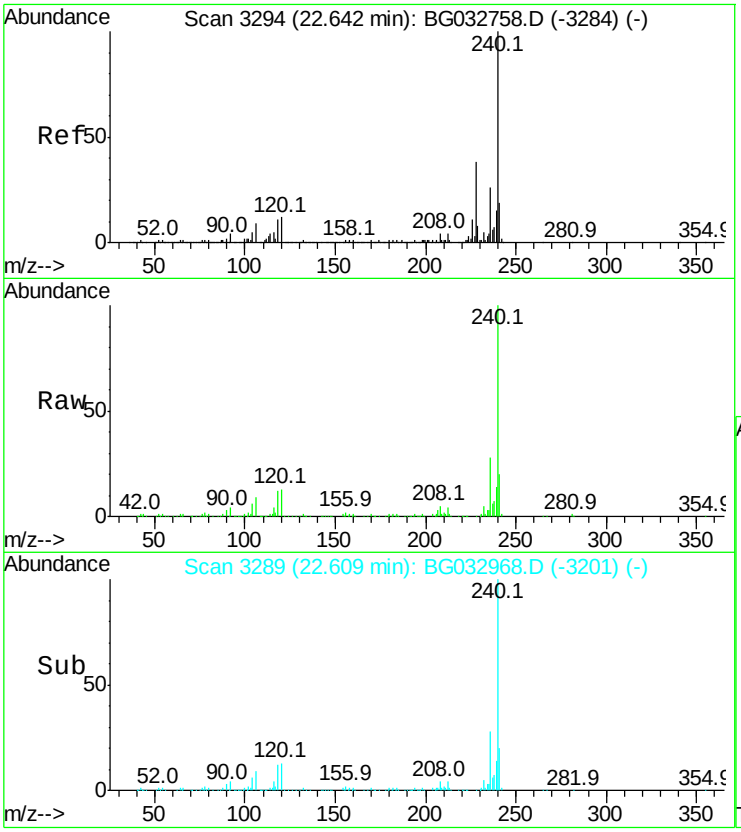


#66
4-Bromophenyl-phenylether
Concen: 4.708 ng
RT: 17.00 min Scan# 2334
Delta R.T. -0.43 min
Lab File: BG032968.D
Acq: 3 Mar 2018 6:06

Tgt Ion:248 Resp: 16358

Ion	Ratio	Lower	Upper
248	100		
250	187.0	77.1	115.7#
141	578.1	50.8	76.2#



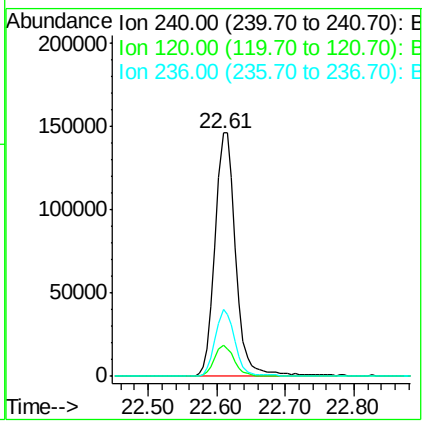


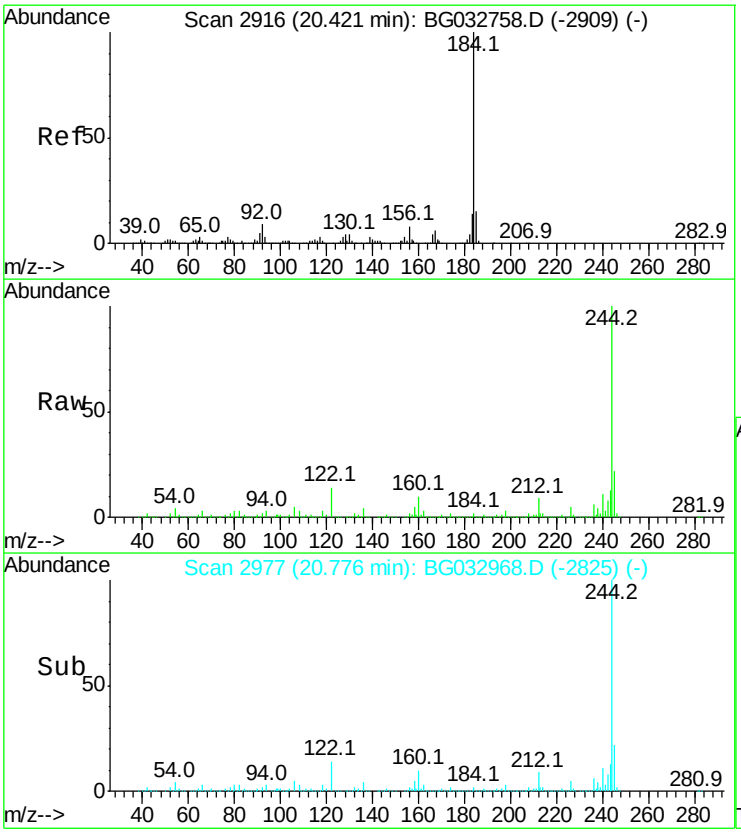
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.61 min Scan# 3289
Delta R.T. -0.01 min
Lab File: BG032968.D
Acq: 3 Mar 2018 6:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 307137

Ion	Ratio	Lower	Upper
240	100		
120	13.0	6.8	10.2#
236	27.6	20.9	31.3

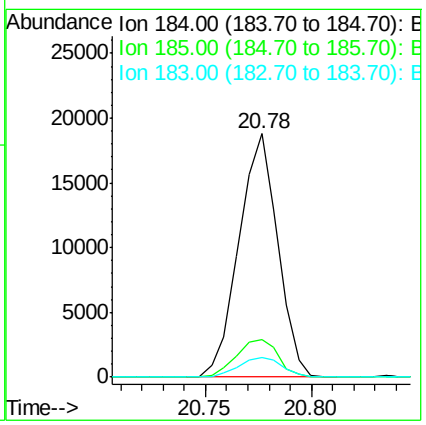


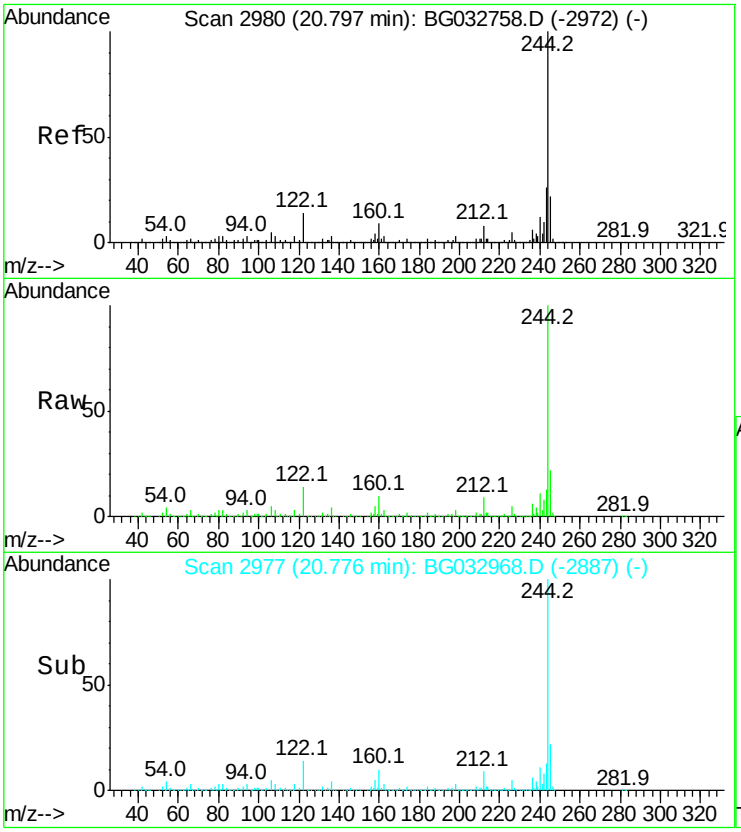


#76
Benzidine
Concen: 2.287 ng
RT: 20.78 min Scan# 2977
Delta R.T. 0.37 min
Lab File: BG032968.D
Acq: 3 Mar 2018 6:06

Tgt Ion:184 Resp: 23942

Ion	Ratio	Lower	Upper
184	100		
185	15.3	11.1	16.7
183	8.2	10.6	16.0#



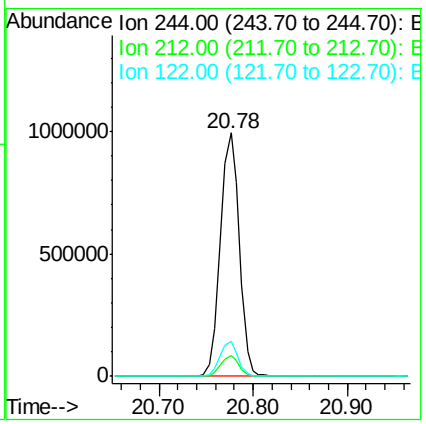


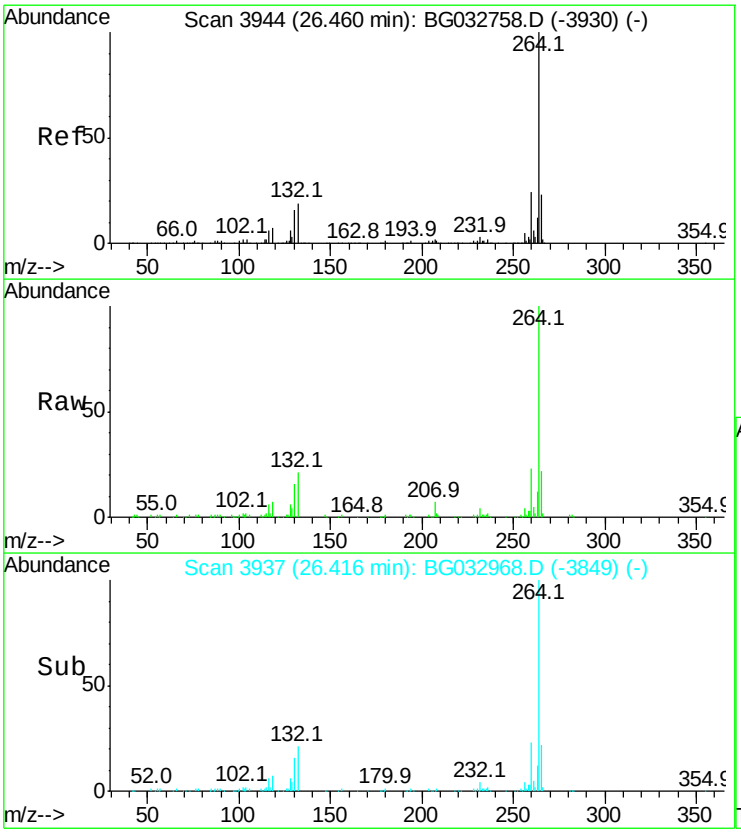
#78
Terphenyl-d14
Concen: 102.264 ng
RT: 20.78 min Scan# 2977
Delta R.T. 0.00 min
Lab File: BG032968.D
Acq: 3 Mar 2018 6:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1397994

Ion	Ratio	Lower	Upper
244	100		
212	8.6	5.8	8.8
122	14.4	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.42 min Scan# 3937
Delta R.T. -0.01 min
Lab File: BG032968.D
Acq: 3 Mar 2018 6:06

Tgt Ion:264 Resp: 296087

Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.4	26.0
265	21.5	17.7	26.5