Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG022818\
Data File : BG032913.D
Acq On : 1 Mar 2018 8:26
Operator : SJ/JU
Sample : J1699-36
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Mar 01 10:47:49 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	75946	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	334129	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	187395	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	403234	20.00	ng	0.00
75) Chrysene-d12	22.62	240	359873	20.00	ng	-0.02
86) Perylene-d12	26.43	264	346338	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.33	112	646398	136.17	ng	0.00
7) Phenol-d6	8.01	99	770505	116.45	ng	0.00
23) Nitrobenzene-d5	10.12	82	566157	113.78	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	269038	136.54	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	1187029	91.36	ng	0.00
78) Terphenyl-d14	20.78	244	1658906	103.57	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	10.12	70	74516	15.952	ng	# 83
24) Nitrobenzene	10.12	77	1753	6.666	ng	# 35
47) 2-Nitroaniline	14.16	65	1999	10.351	ng	# 1
50) 2,6-Dinitrotoluene	15.53	165	24695	16.537	ng	# 21
55) 4-Nitrophenol	15.93	139	356	7.205	ng	# 1
56) 2,4-Dinitrotoluene	15.53	165	24695	14.735	ng	# 19
64) 4,6-Dinitro-2-methylphenol	17.00	198	725	5.713	ng	# 1
66) 4-Bromophenyl-phenylether	17.00	248	20074	4.708	ng	# 1
76) Benzidine	20.78	184	29547	2.409	ng	# 93

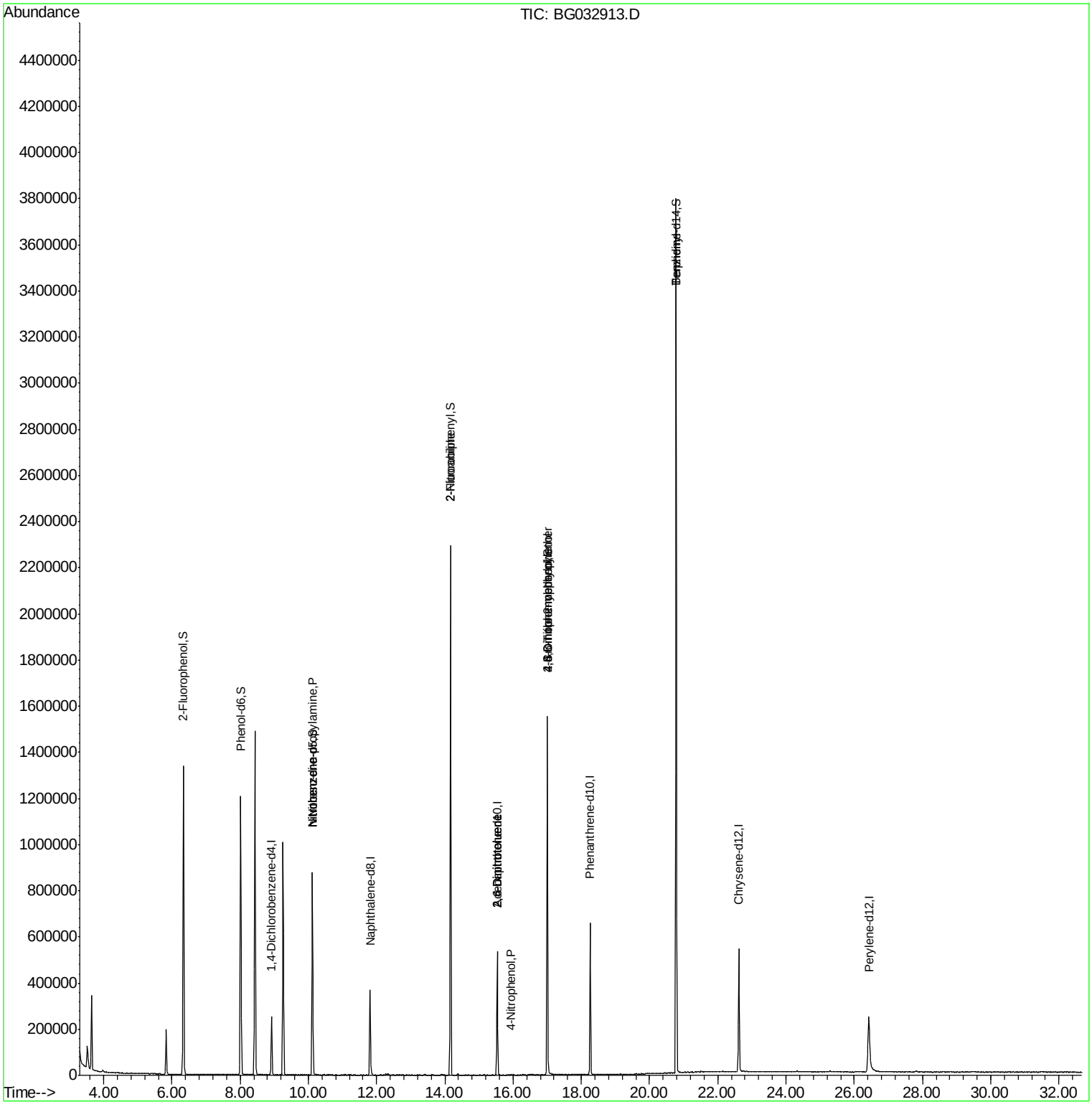
(#) = qualifier out of range (m) = manual integration (+) = signals summed

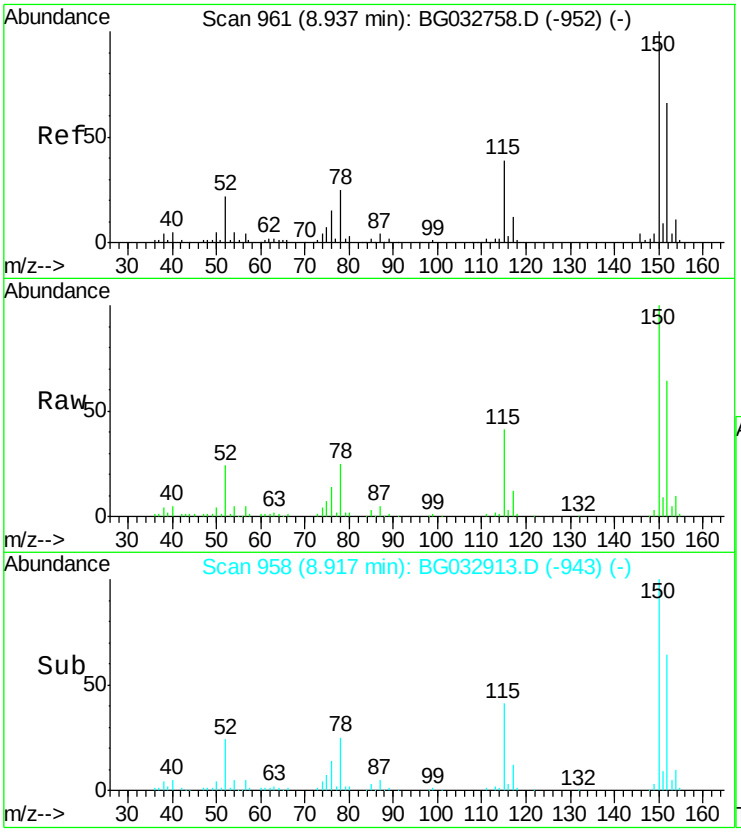
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG022818\
Data File : BG032913.D
Acq On : 1 Mar 2018 8:26
Operator : SJ/JU
Sample : J1699-36
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Mar 01 10:47:49 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



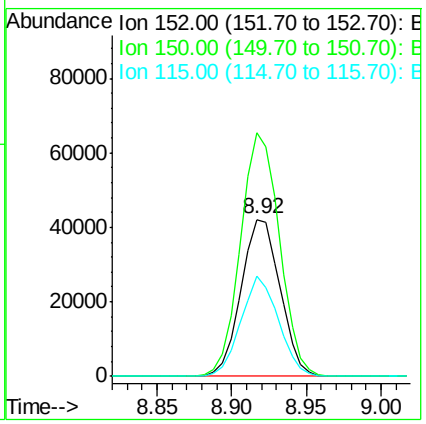


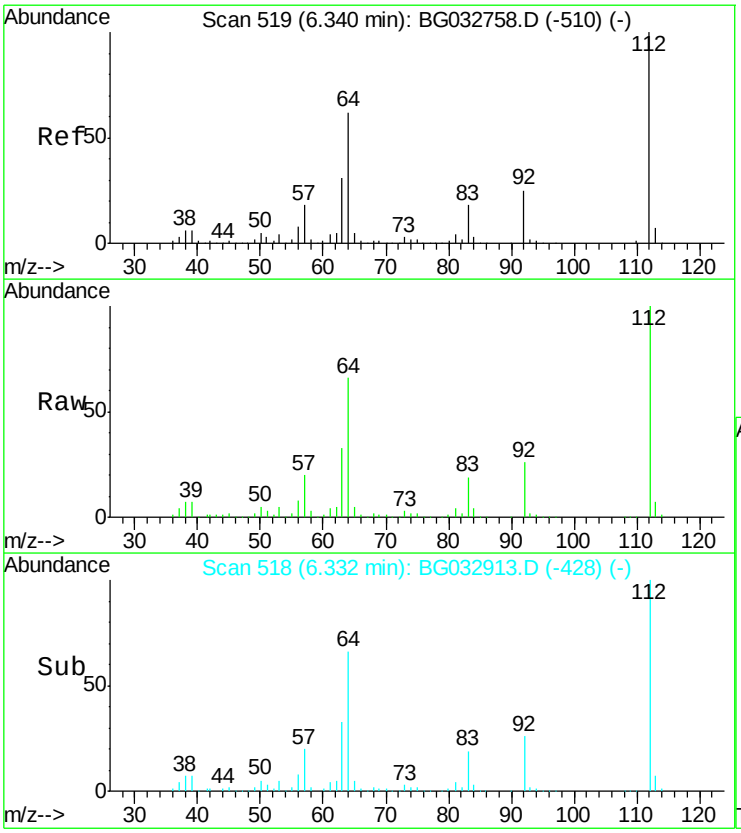
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 958
Delta R.T. -0.01 min
Lab File: BG032913.D
Acq: 1 Mar 2018 8:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 75946

Ion	Ratio	Lower	Upper
152	100		
150	155.2	126.6	189.8
115	64.0	53.0	79.4

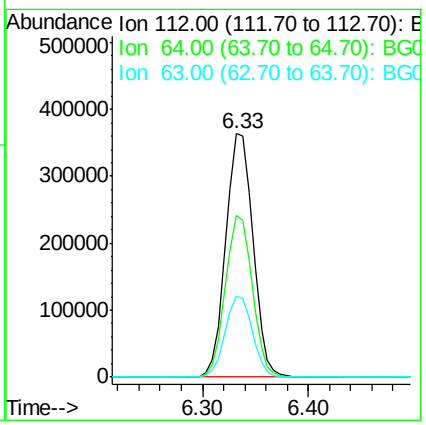


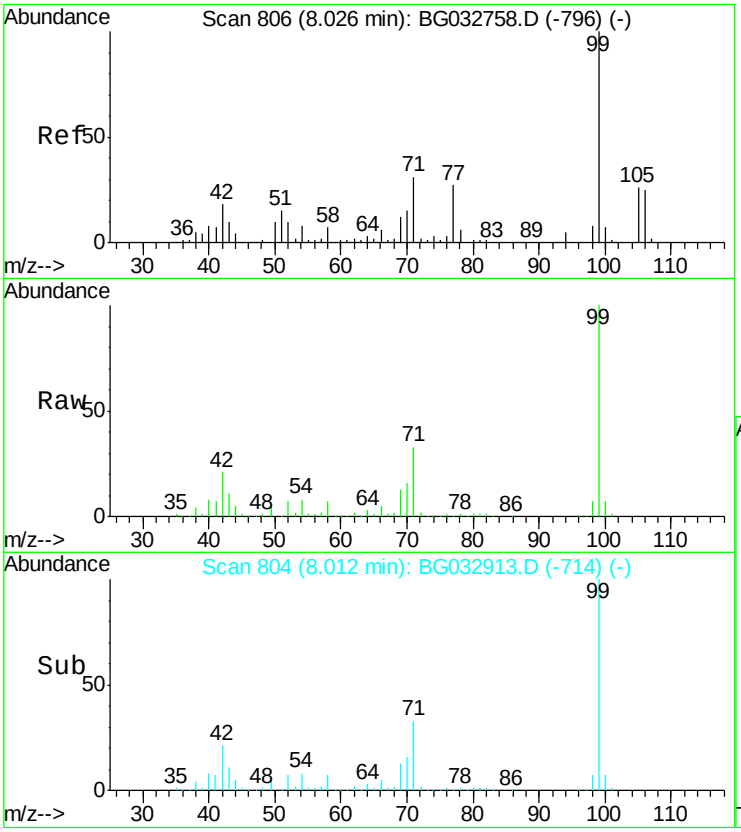


#5
2-Fluorophenol
Concen: 136.168 ng
RT: 6.33 min Scan# 518
Delta R.T. -0.00 min
Lab File: BG032913.D
Acq: 1 Mar 2018 8:26

Tgt Ion:112 Resp: 646398

Ion	Ratio	Lower	Upper
112	100		
64	66.2	56.3	84.5
63	33.2	30.1	45.1



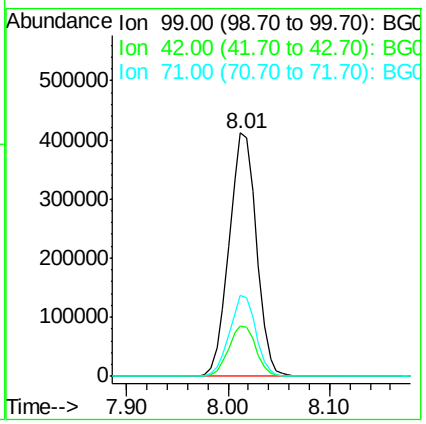


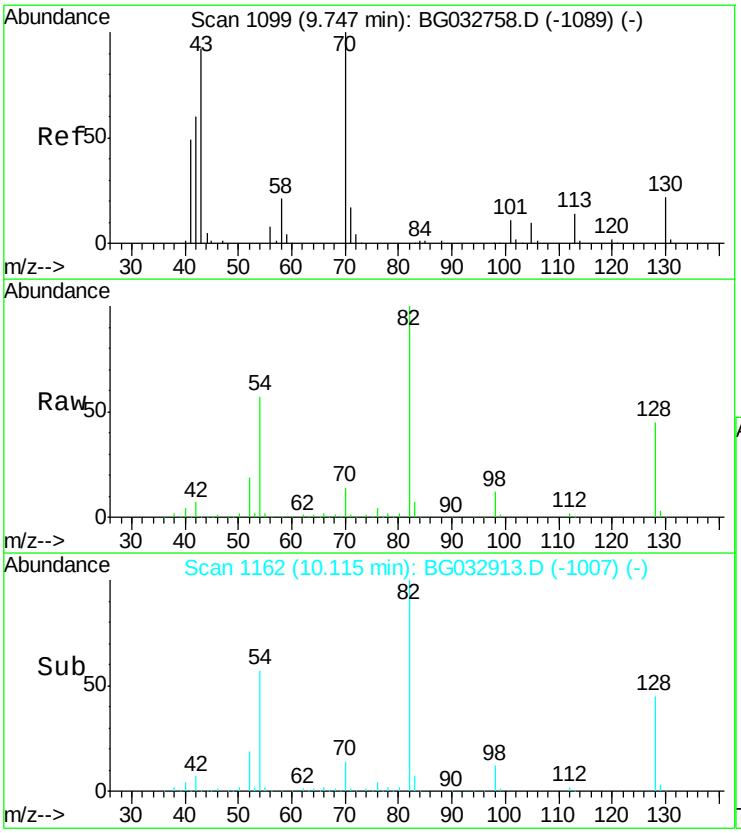
#7
Phenol-d6
Concen: 116.448 ng
RT: 8.01 min Scan# 804
Delta R.T. -0.00 min
Lab File: BG032913.D
Acq: 1 Mar 2018 8:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 770505

Ion	Ratio	Lower	Upper
99	100		
42	20.5	14.1	21.1
71	33.1	26.1	39.1

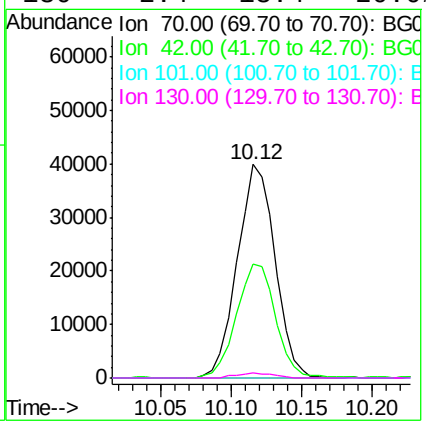


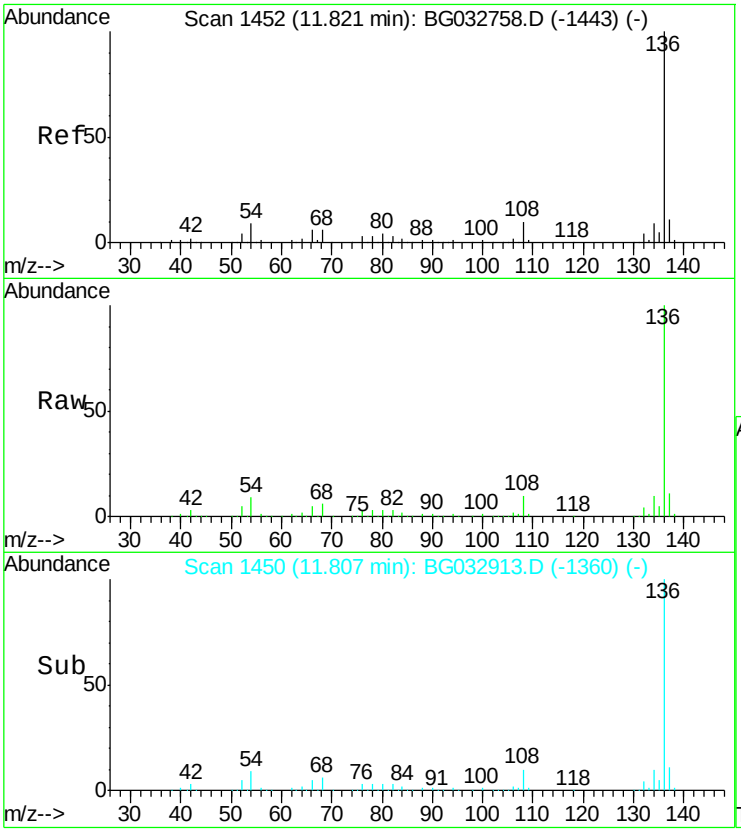


#19
n-Nitroso-di-n-propylamine
Concen: 15.952 ng
RT: 10.12 min Scan# 1162
Delta R.T. 0.38 min
Lab File: BG032913.D
Acq: 1 Mar 2018 8:26

Tgt Ion: 70 Resp: 74516

Ion	Ratio	Lower	Upper
70	100		
42	53.4	49.1	73.7
101	0.0	8.5	12.7#
130	2.4	13.4	20.0#



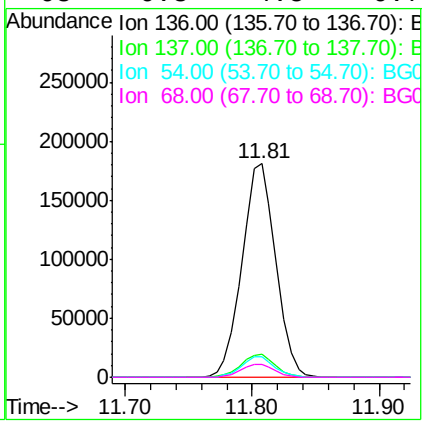


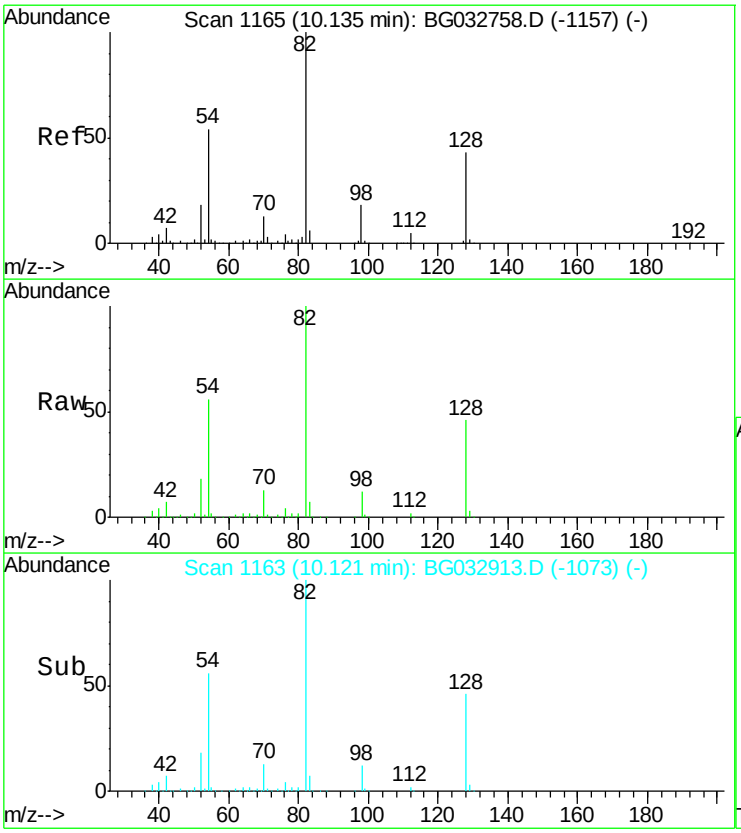
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.81 min Scan# 1450
Delta R.T. -0.00 min
Lab File: BG032913.D
Acq: 1 Mar 2018 8:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 334129

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	9.4	10.3	15.5#
68	6.3	4.5	6.7

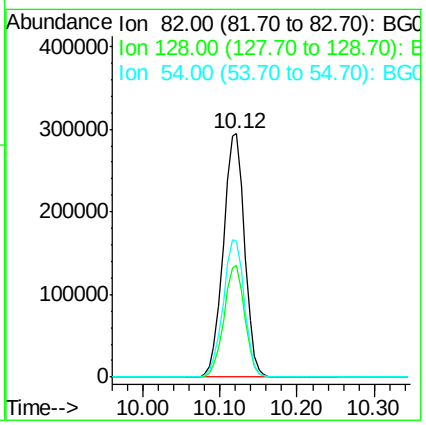


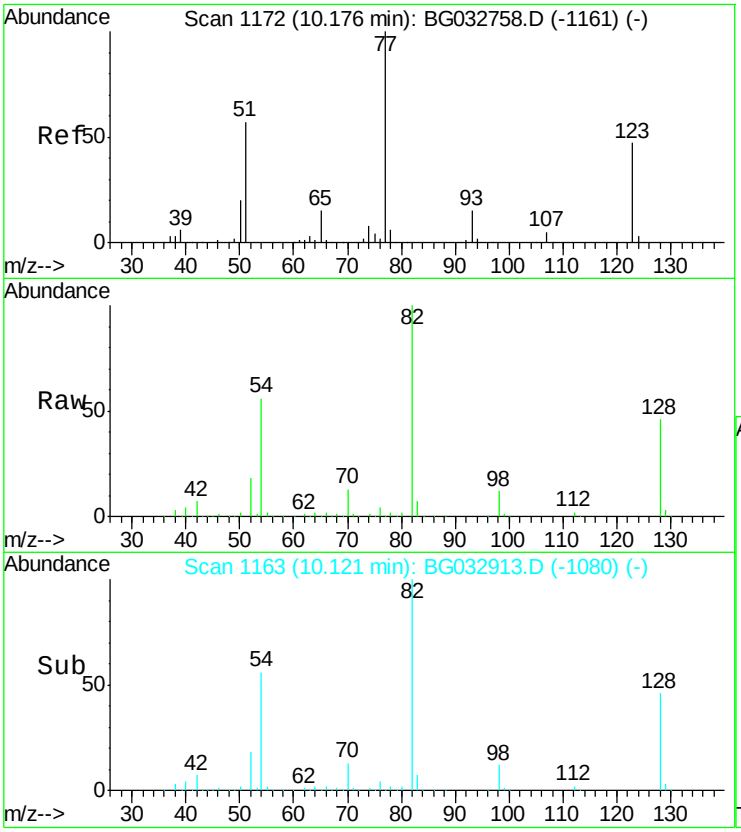


#23
Nitrobenzene-d5
Concen: 113.785 ng
RT: 10.12 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BG032913.D
Acq: 1 Mar 2018 8:26

Tgt Ion: 82 Resp: 566157

Ion	Ratio	Lower	Upper
82	100		
128	45.7	29.7	44.5#
54	56.0	43.1	64.7



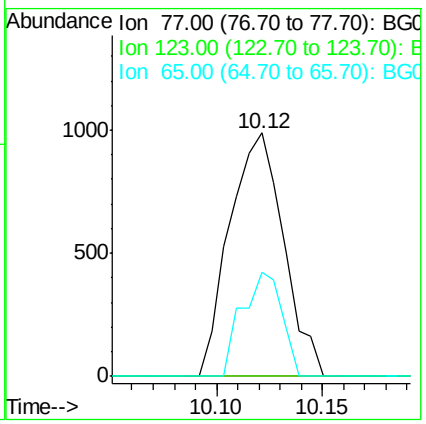


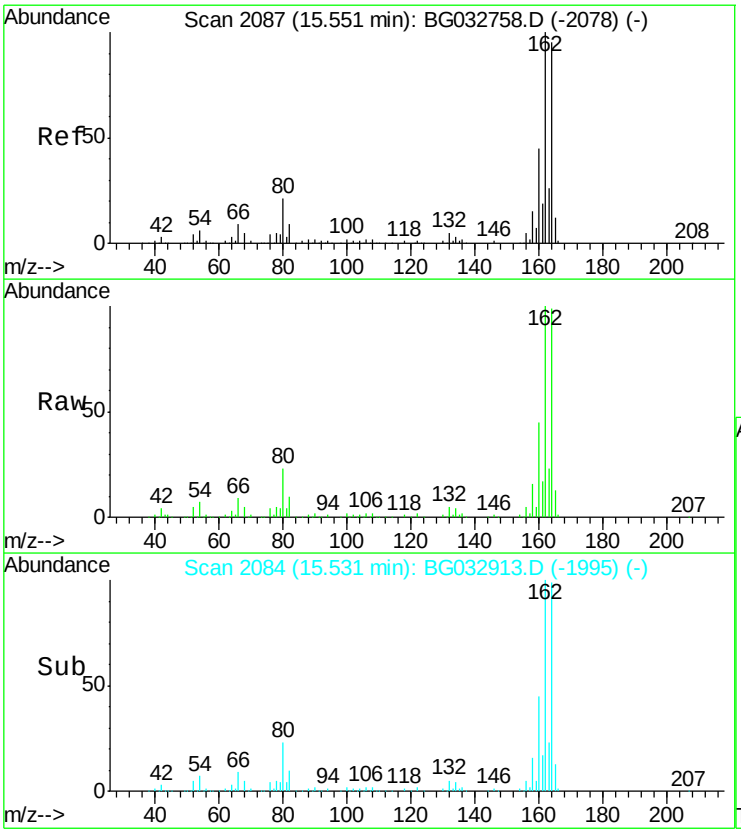
#24
Nitrobenzene
Concen: 6.666 ng
RT: 10.12 min Scan# 1163
Delta R.T. -0.04 min
Lab File: BG032913.D
Acq: 1 Mar 2018 8:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 1753

Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.0	49.6#
65	42.8	13.0	19.6#

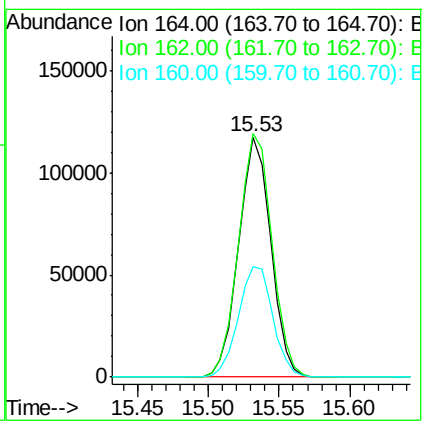


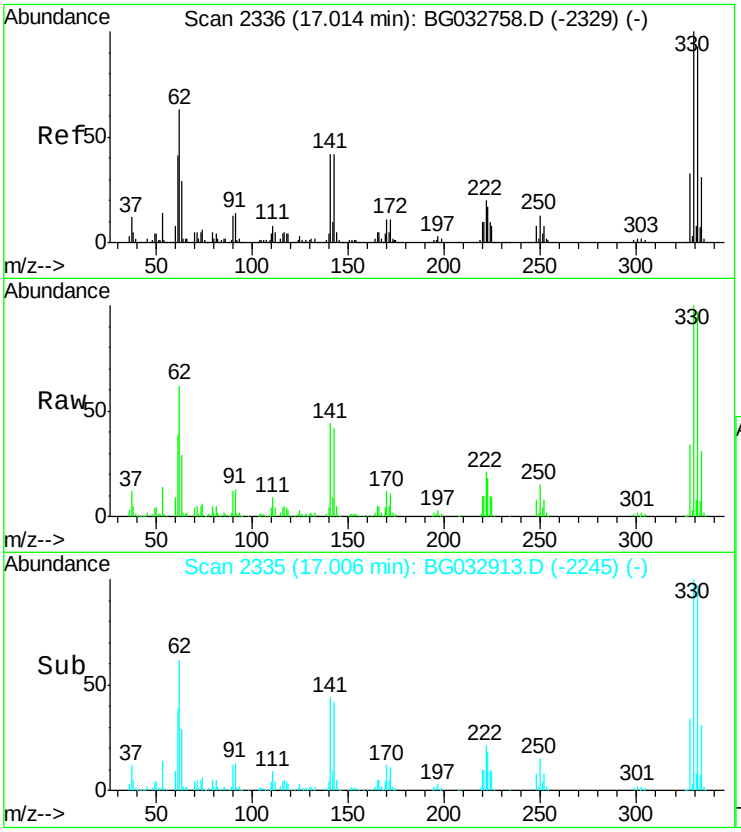


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.53 min Scan# 2084
Delta R.T. -0.01 min
Lab File: BG032913.D
Acq: 1 Mar 2018 8:26

Tgt Ion:164 Resp: 187395

Ion	Ratio	Lower	Upper
164	100		
162	101.5	78.8	118.2
160	45.9	35.4	53.0



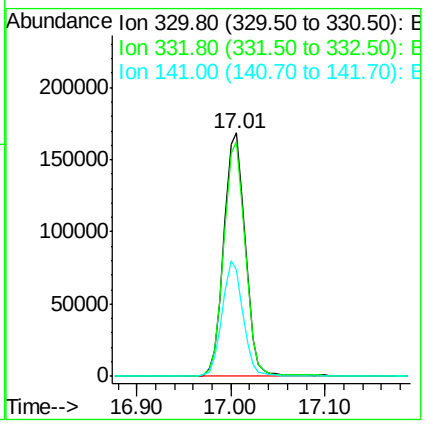


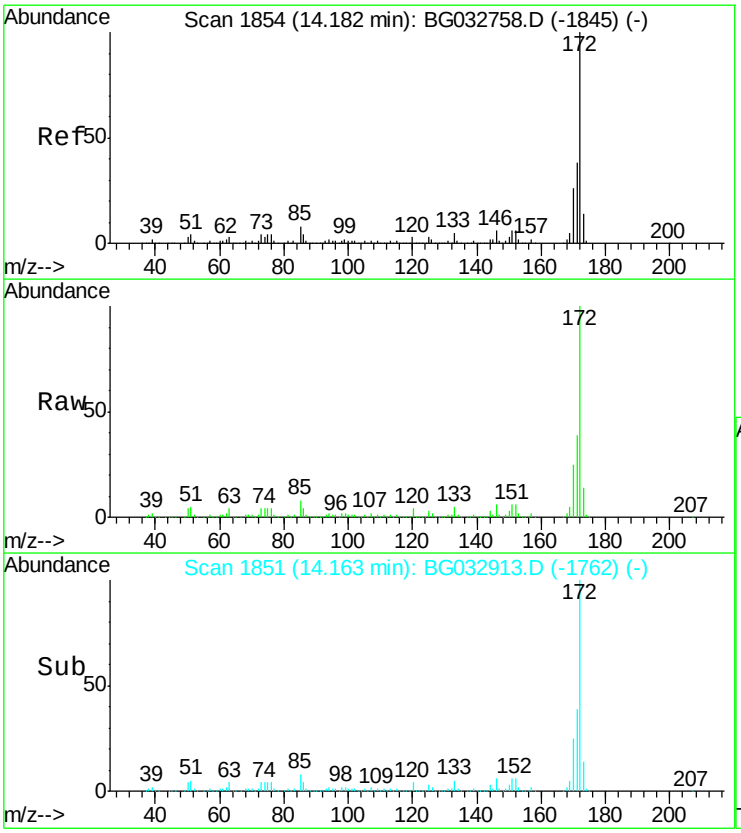
#41
2,4,6-Tribromophenol
Concen: 136.540 ng
RT: 17.01 min Scan# 2335
Delta R.T. -0.00 min
Lab File: BG032913.D
Acq: 1 Mar 2018 8:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 269038

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	46.0	25.2	37.8#

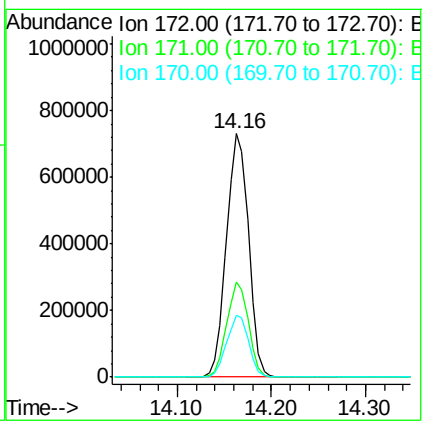


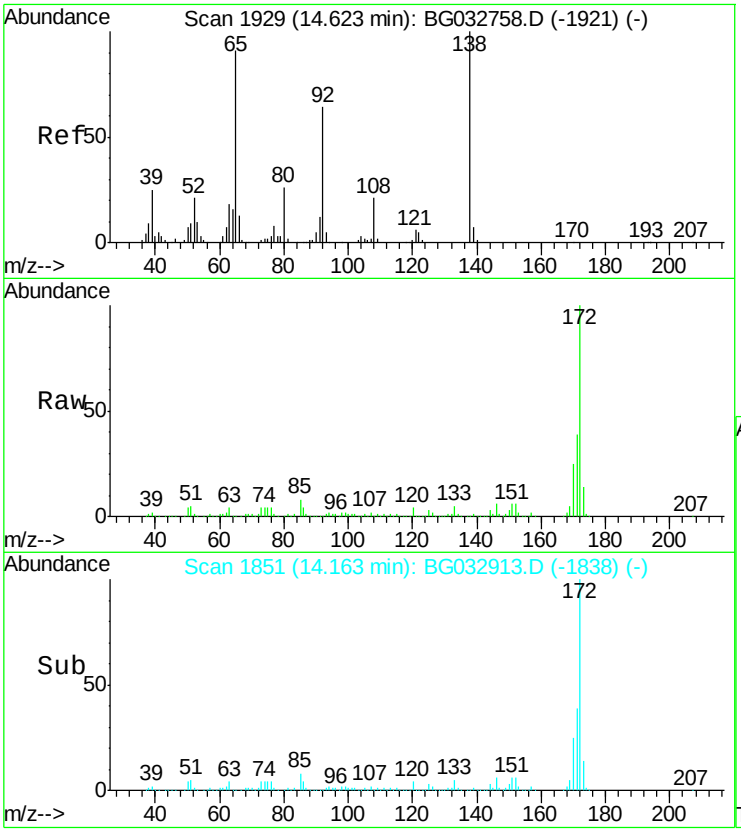


#44
2-Fluorobiphenyl
Concen: 91.358 ng
RT: 14.16 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BG032913.D
Acq: 1 Mar 2018 8:26

Tgt Ion:172 Resp: 1187029

Ion	Ratio	Lower	Upper
172	100		
171	39.2	30.0	45.0
170	25.3	19.5	29.3



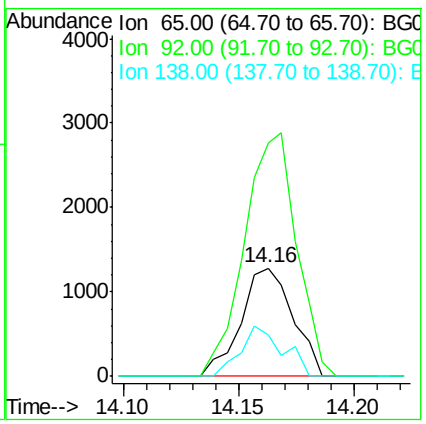


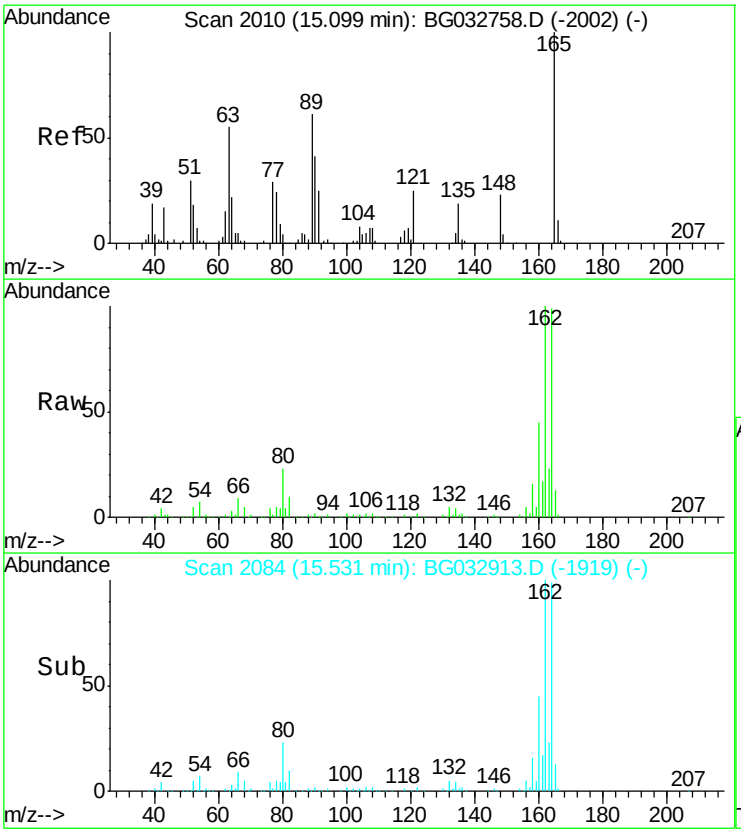
#47
2-Nitroaniline
Concen: 10.351 ng
RT: 14.16 min Scan# 1851
Delta R.T. -0.46 min
Lab File: BG032913.D
Acq: 1 Mar 2018 8:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 65 Resp: 1999

Ion	Ratio	Lower	Upper
65	100		
92	216.0	54.6	82.0#
138	38.6	72.9	109.3#

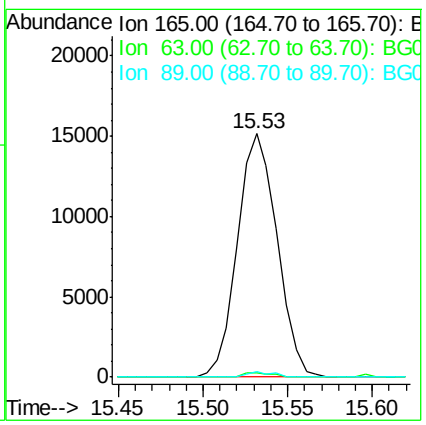


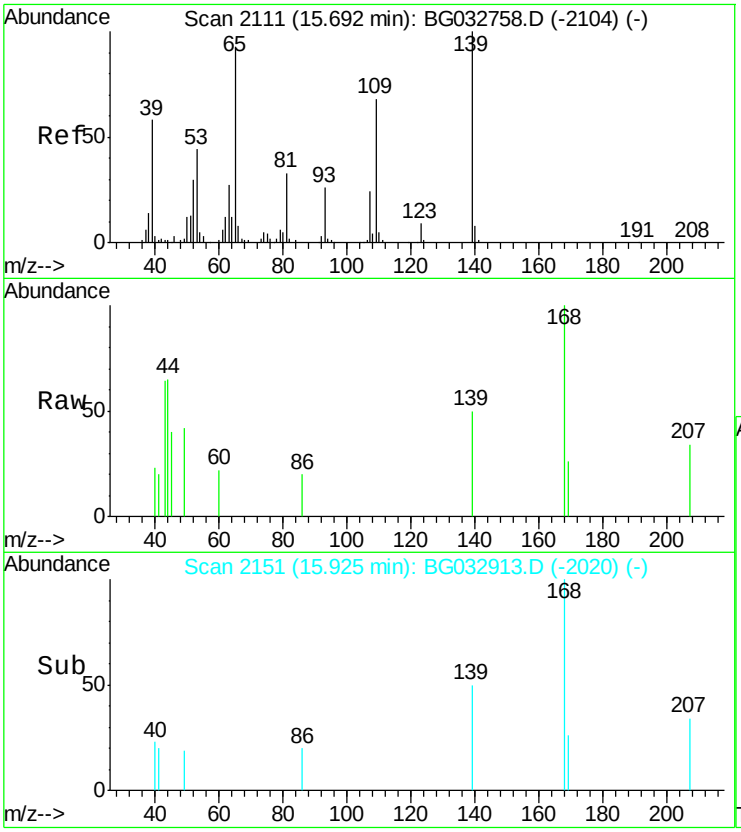


#50
2,6-Dinitrotoluene
Concen: 16.537 ng
RT: 15.53 min Scan# 2084
Delta R.T. 0.44 min
Lab File: BG032913.D
Acq: 1 Mar 2018 8:26

Tgt Ion:165 Resp: 24695

Ion	Ratio	Lower	Upper
165	100		
63	1.7	52.7	79.1#
89	2.1	49.2	73.8#



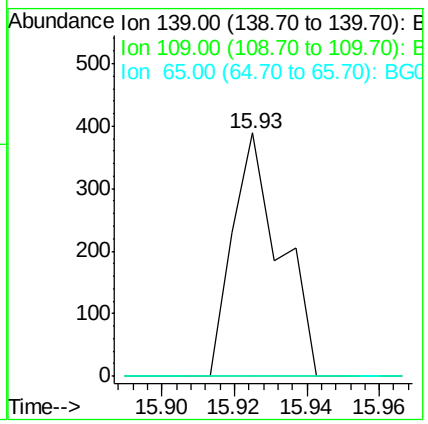


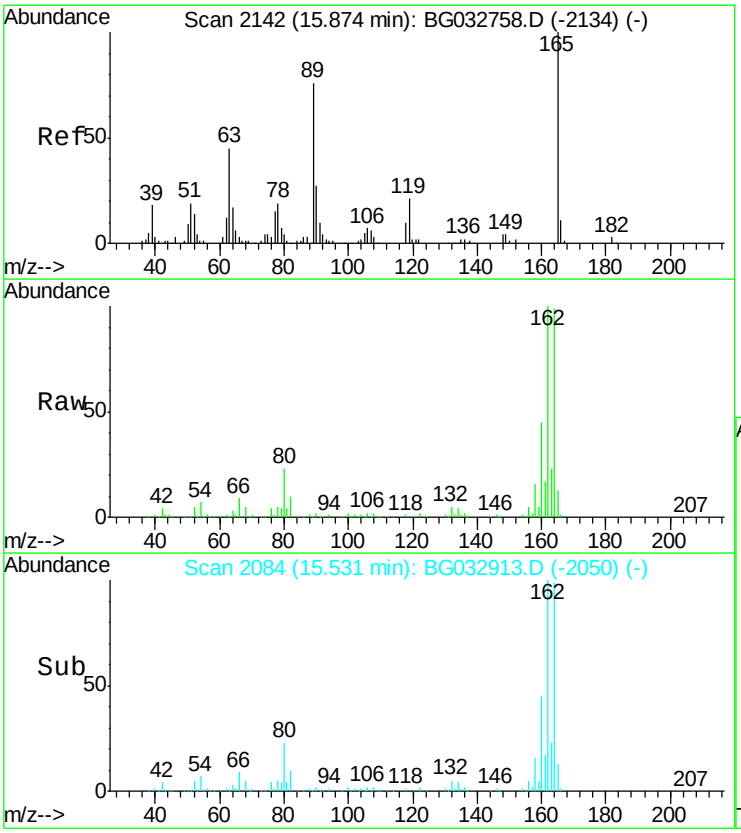
#55
4-Nitrophenol
Concen: 7.205 ng
RT: 15.93 min Scan# 2151
Delta R.T. 0.24 min
Lab File: BG032913.D
Acq: 1 Mar 2018 8:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:139 Resp: 356

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

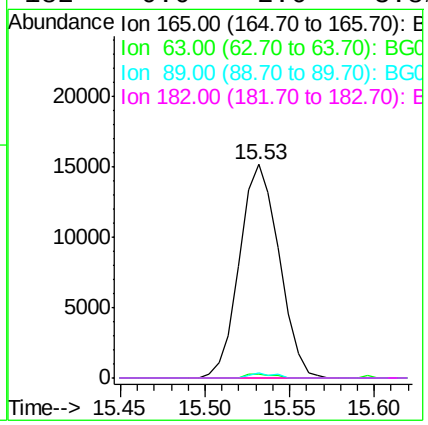


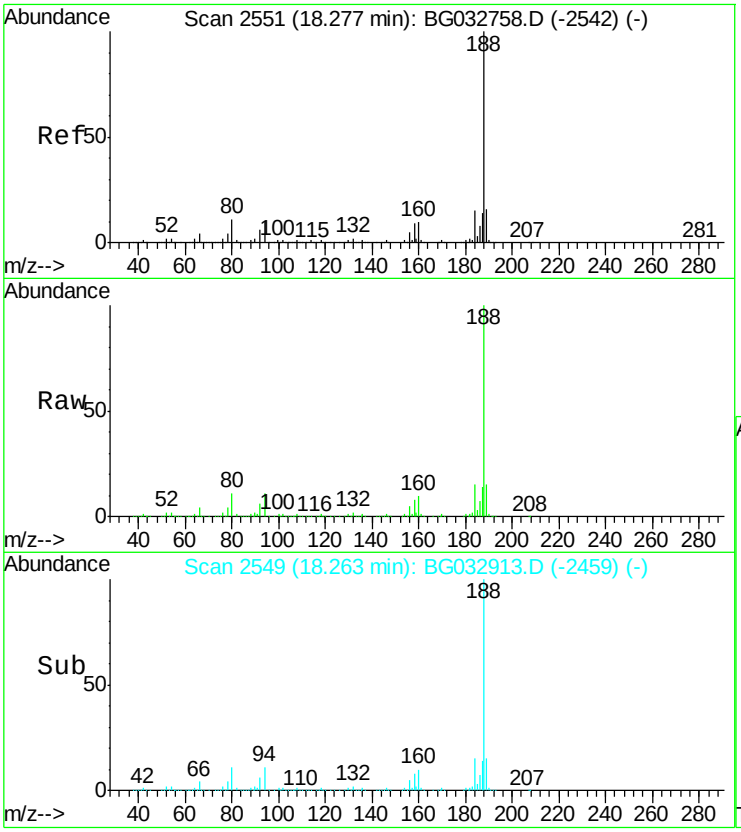


#56
2,4-Dinitrotoluene
Concen: 14.735 ng
RT: 15.53 min Scan# 2084
Delta R.T. -0.33 min
Lab File: BG032913.D
Acq: 1 Mar 2018 8:26

Tgt Ion:165 Resp: 24695

Ion	Ratio	Lower	Upper
165	100		
63	1.7	42.0	63.0#
89	2.1	66.9	100.3#
182	0.0	2.6	3.8#



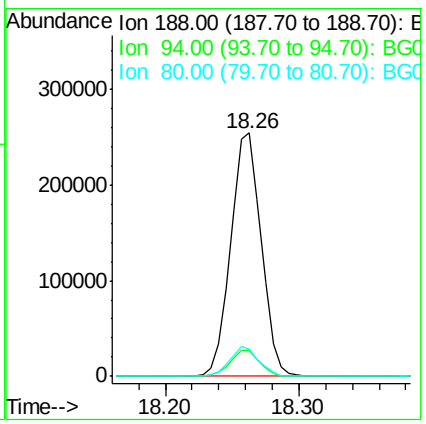


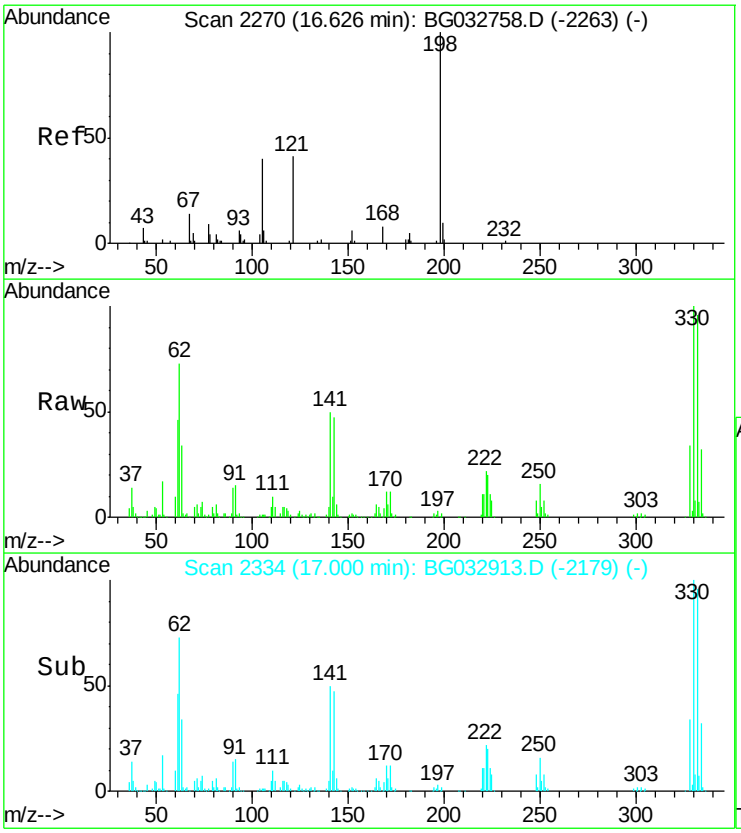
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.26 min Scan# 2549
Delta R.T. -0.00 min
Lab File: BG032913.D
Acq: 1 Mar 2018 8:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 403234

Ion	Ratio	Lower	Upper
188	100		
94	10.6	6.9	10.3#
80	11.3	7.7	11.5

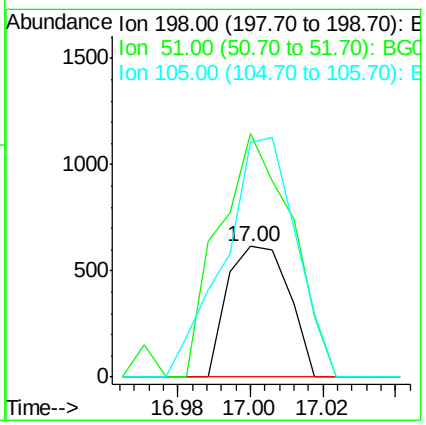


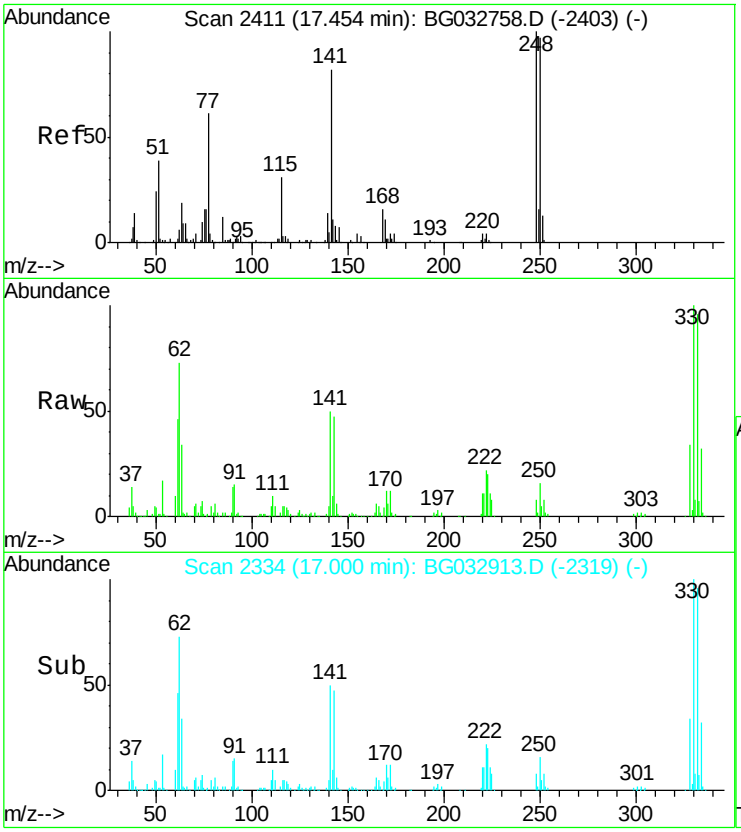


#64
4,6-Dinitro-2-methylphenol
Concen: 5.713 ng
RT: 17.00 min Scan# 2334
Delta R.T. 0.38 min
Lab File: BG032913.D
Acq: 1 Mar 2018 8:26

Tgt Ion:198 Resp: 725

Ion	Ratio	Lower	Upper
198	100		
51	186.0	30.6	70.6#
105	179.1	23.8	63.8#



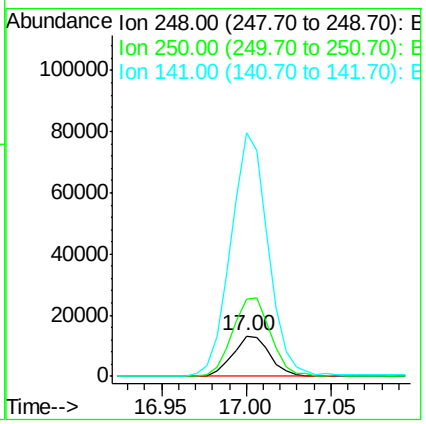


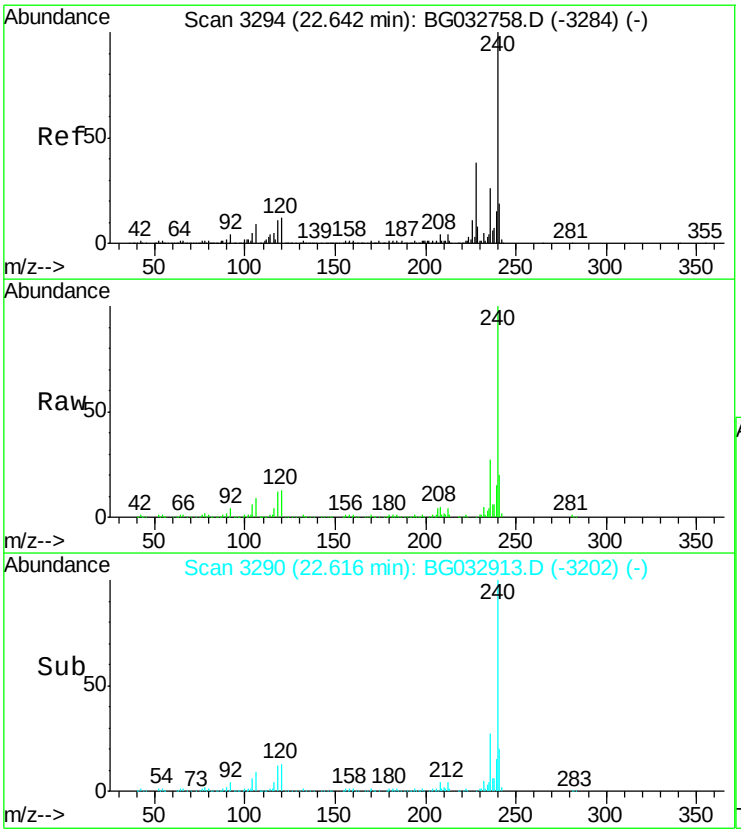
#66
4-Bromophenyl-phenylether
Concen: 4.708 ng
RT: 17.00 min Scan# 2334
Delta R.T. -0.44 min
Lab File: BG032913.D
Acq: 1 Mar 2018 8:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 20074

Ion	Ratio	Lower	Upper
248	100		
250	191.9	77.1	115.7#
141	607.7	50.8	76.2#

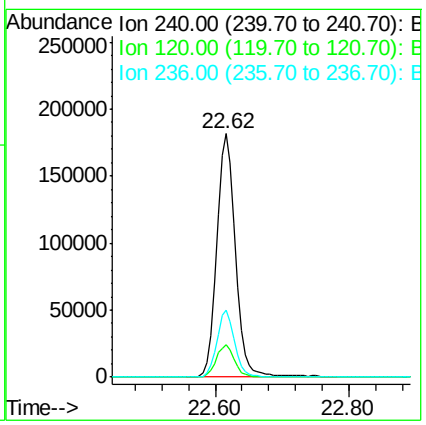


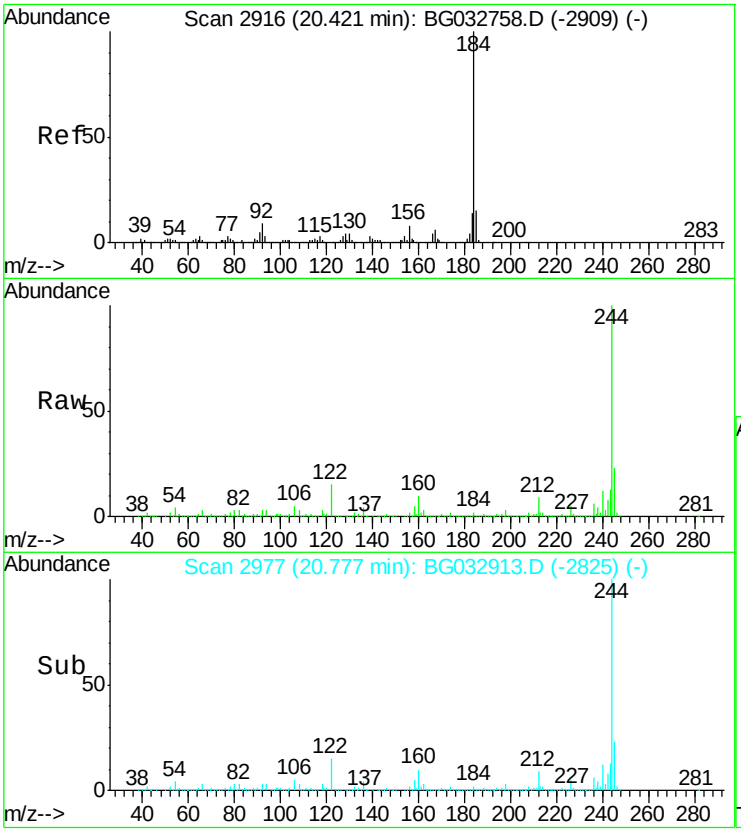


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.62 min Scan# 3290
Delta R.T. -0.02 min
Lab File: BG032913.D
Acq: 1 Mar 2018 8:26

Tgt Ion:240 Resp: 359873

Ion	Ratio	Lower	Upper
240	100		
120	13.1	6.8	10.2#
236	27.4	20.9	31.3



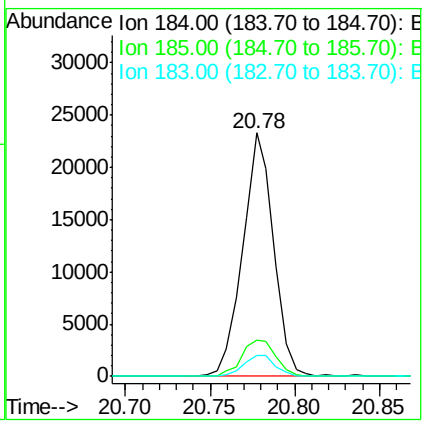


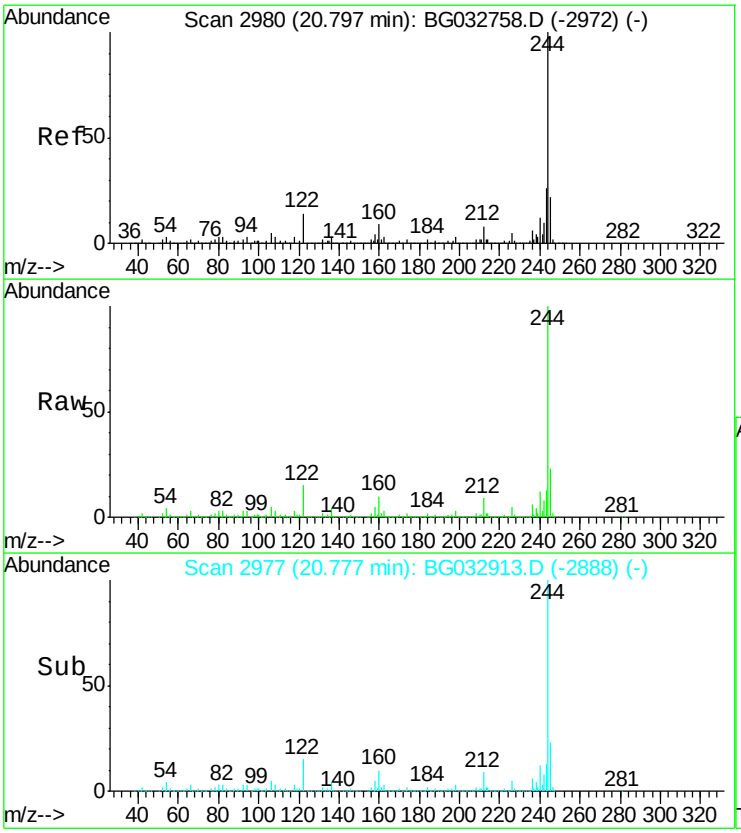
#76
Benzidine
Concen: 2.409 ng
RT: 20.78 min Scan# 2977
Delta R.T. 0.36 min
Lab File: BG032913.D
Acq: 1 Mar 2018 8:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 29547

Ion	Ratio	Lower	Upper
184	100		
185	15.0	11.1	16.7
183	8.4	10.6	16.0#

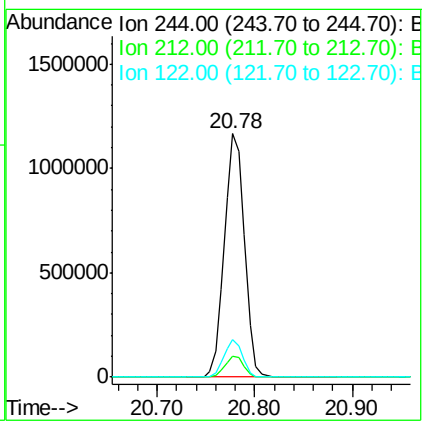


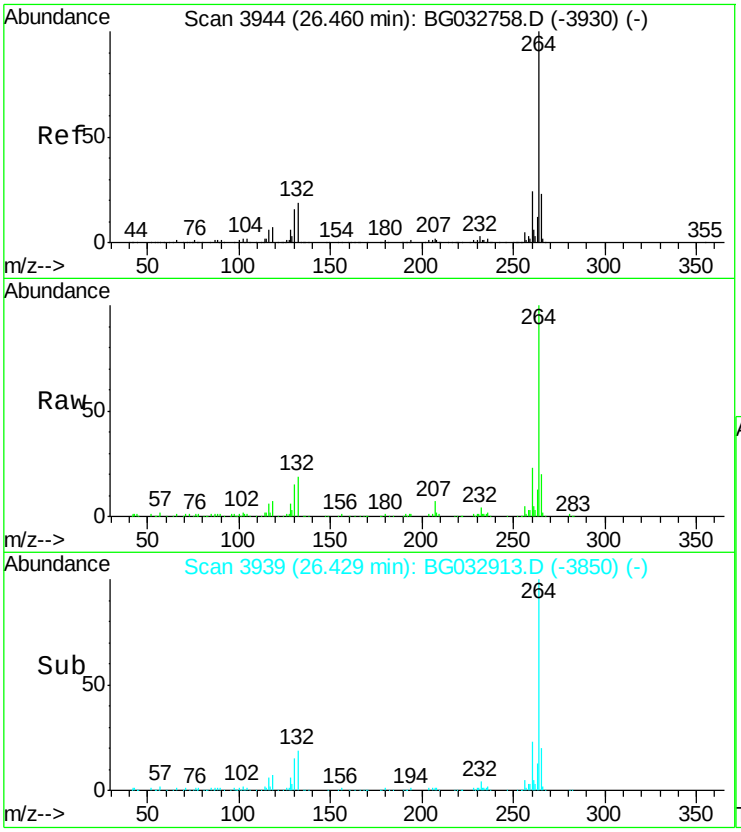


#78
Terphenyl-d14
Concen: 103.567 ng
RT: 20.78 min Scan# 2977
Delta R.T. -0.01 min
Lab File: BG032913.D
Acq: 1 Mar 2018 8:26

Tgt Ion:244 Resp: 1658906

Ion	Ratio	Lower	Upper
244	100		
212	8.8	5.8	8.8#
122	15.4	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: BG032913.D
Acq: 1 Mar 2018 8:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 346338

Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.4	26.0
265	19.7	17.7	26.5