Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031218\
Data File : BG033104.D
Acq On : 13 Mar 2018 00:59
Operator : SJ/JU
Sample : J1867-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Mar 13 03:48:48 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 09 15:10:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	46461	20.00	ng		0.00
21) Naphthalene-d8	11.80	136	202072	20.00	ng		0.00
38) Acenaphthene-d10	15.52	164	113067	20.00	ng		0.00
63) Phenanthrene-d10	18.25	188	262730	20.00	ng		0.00
75) Chrysene-d12	22.61	240	257294	20.00	ng		0.00
86) Perylene-d12	26.40	264	249004	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.32	112	202880	69.86	ng		0.00
7) Phenol-d6	8.00	99	169131	41.78	ng		0.00
23) Nitrobenzene-d5	10.11	82	362814	119.98	ng		0.00
41) 2,4,6-Tribromophenol	17.00	330	221732	186.51	ng		0.00
44) 2-Fluorobiphenyl	14.15	172	777261	99.15	ng		0.00
78) Terphenyl-d14	20.77	244	1184692	103.45	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	10.11	70	49062	17.168	ng	#	83
24) Nitrobenzene	10.12	77	1752	6.852	ng	#	24
35) Caprolactam	12.64	113	11512	10.281	ng		95
37) 2-Methylnaphthalene	13.61	142	23201	3.037	ng		95
47) 2-Nitroaniline	14.58	65	1006	10.265	ng	#	9
50) 2,6-Dinitrotoluene	14.91	165	1761	9.801	ng	#	79
52) 3-Nitroaniline	15.23	138	142	7.604	ng	#	1
53) 2,4-Dinitrophenol	16.06	184	249	4.097	ng	#	68
55) 4-Nitrophenol	15.63	139	451	7.342	ng	#	26
56) 2,4-Dinitrotoluene	15.82	165	1799	7.785	ng	#	43
57) Fluorene	16.56	166	27969	3.162	ng	#	94
61) 4-Nitroaniline	16.56	138	136	5.358	ng	#	12
64) 4,6-Dinitro-2-methylphenol	17.00	198	701	6.080	ng	#	1
66) 4-Bromophenyl-phenylether	17.00	248	15370	5.533	ng	#	1
76) Benzidine	20.77	184	21138	2.410	ng	#	89

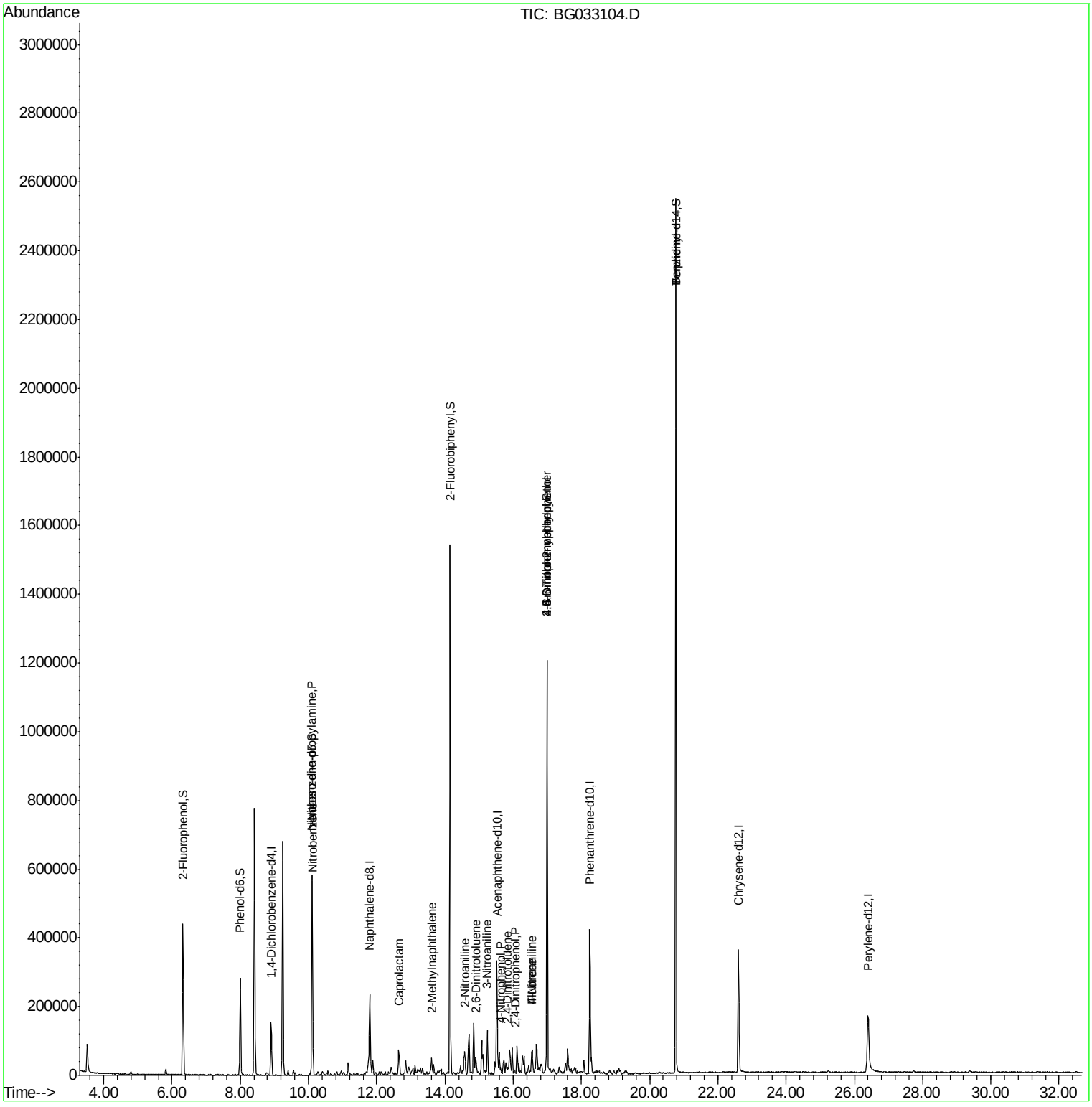
(#) = qualifier out of range (m) = manual integration (+) = signals summed

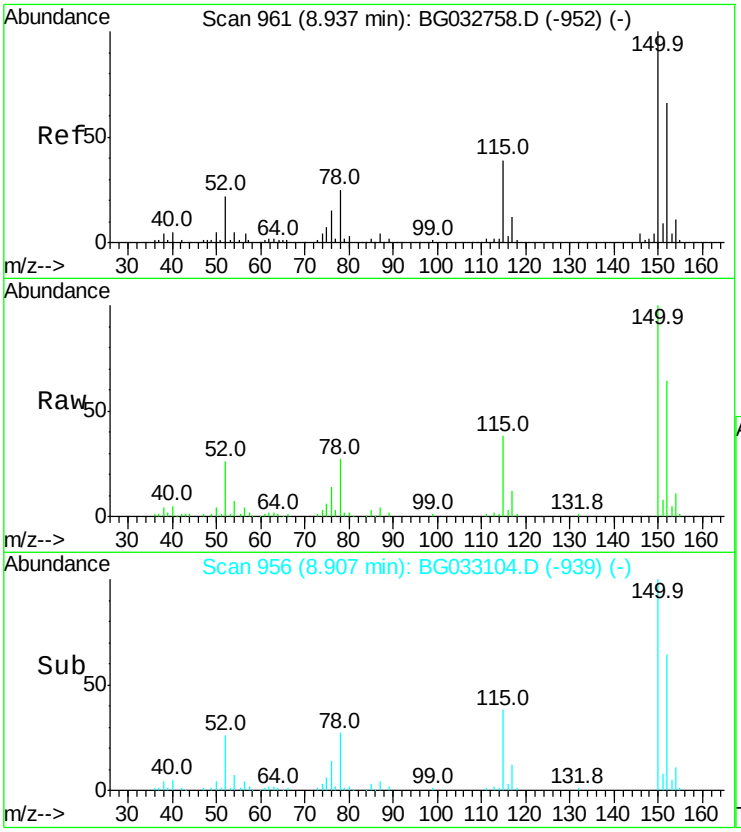
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031218\
Data File : BG033104.D
Acq On : 13 Mar 2018 00:59
Operator : SJ/JU
Sample : J1867-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Mar 13 03:48:48 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 09 15:10:14 2018
Response via : Initial Calibration



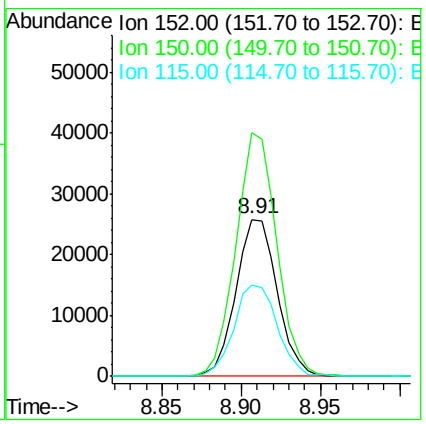


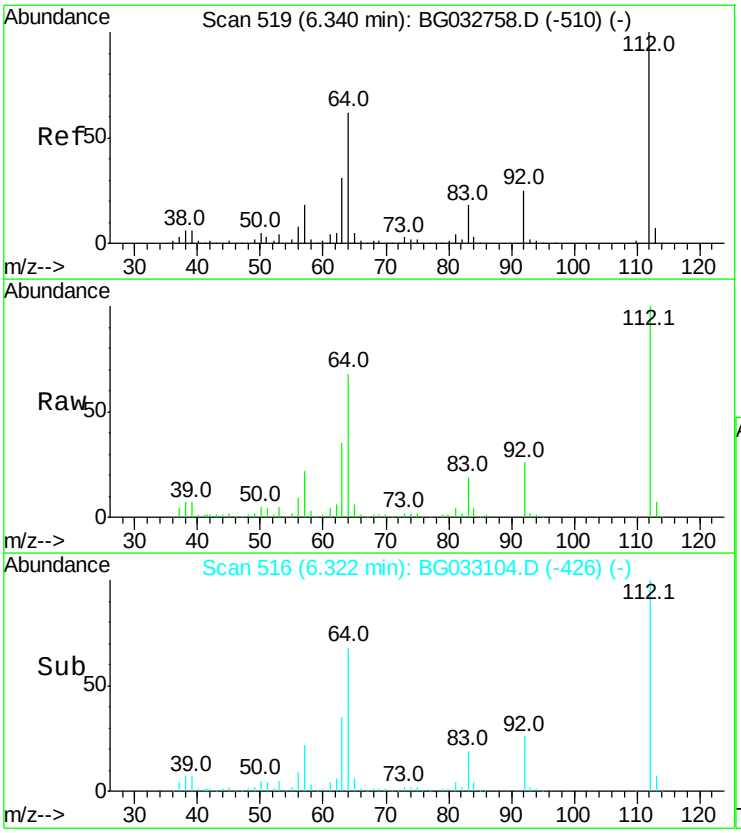
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 956
Delta R.T. -0.00 min
Lab File: BG033104.D
Acq: 13 Mar 2018 00:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 46461

Ion	Ratio	Lower	Upper
152	100		
150	155.3	126.6	189.8
115	58.6	53.0	79.4

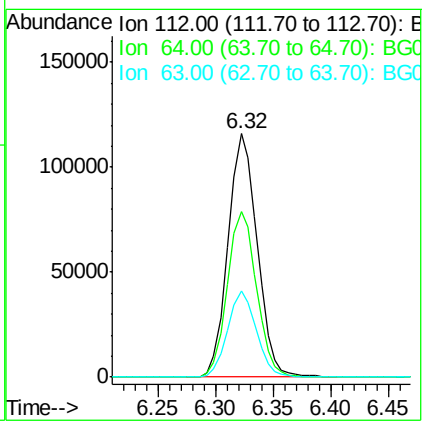


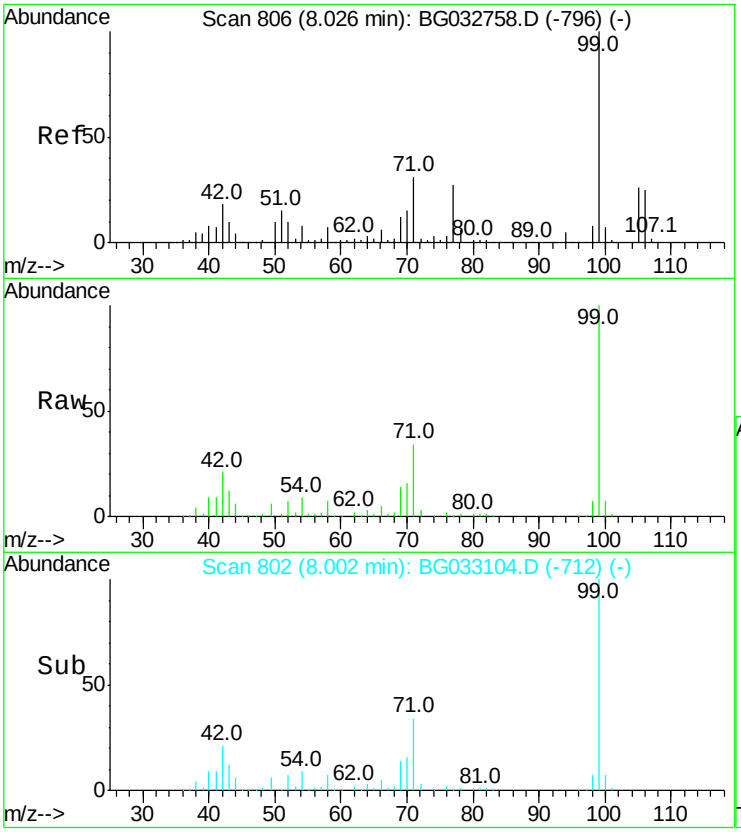


#5
2-Fluorophenol
Concen: 69.860 ng
RT: 6.32 min Scan# 516
Delta R.T. -0.00 min
Lab File: BG033104.D
Acq: 13 Mar 2018 00:59

Tgt Ion:112 Resp: 202880

Ion	Ratio	Lower	Upper
112	100		
64	68.0	56.3	84.5
63	35.5	30.1	45.1



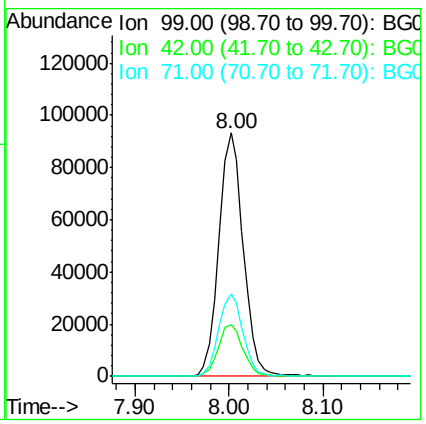


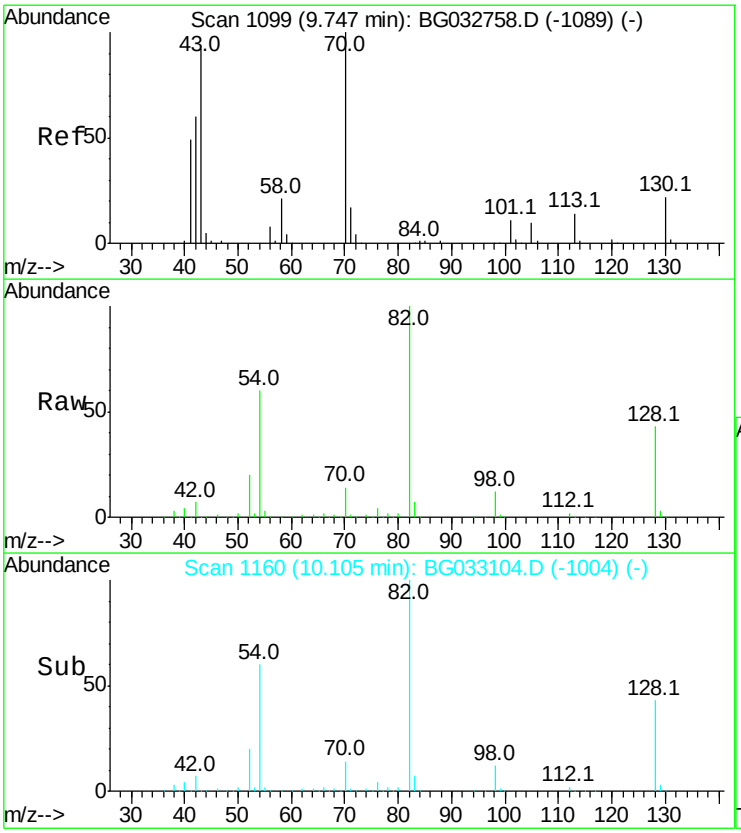
#7
Phenol-d6
Concen: 41.783 ng
RT: 8.00 min Scan# 802
Delta R.T. -0.00 min
Lab File: BG033104.D
Acq: 13 Mar 2018 00:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 169131

Ion	Ratio	Lower	Upper
99	100		
42	21.3	14.1	21.1#
71	34.1	26.1	39.1

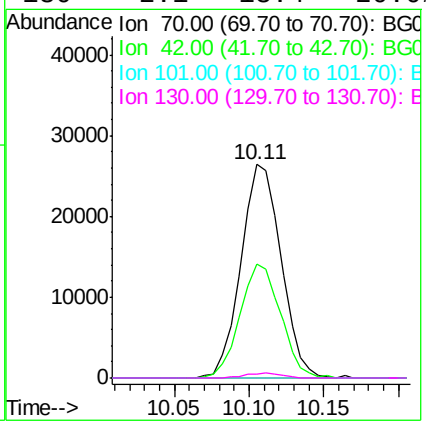


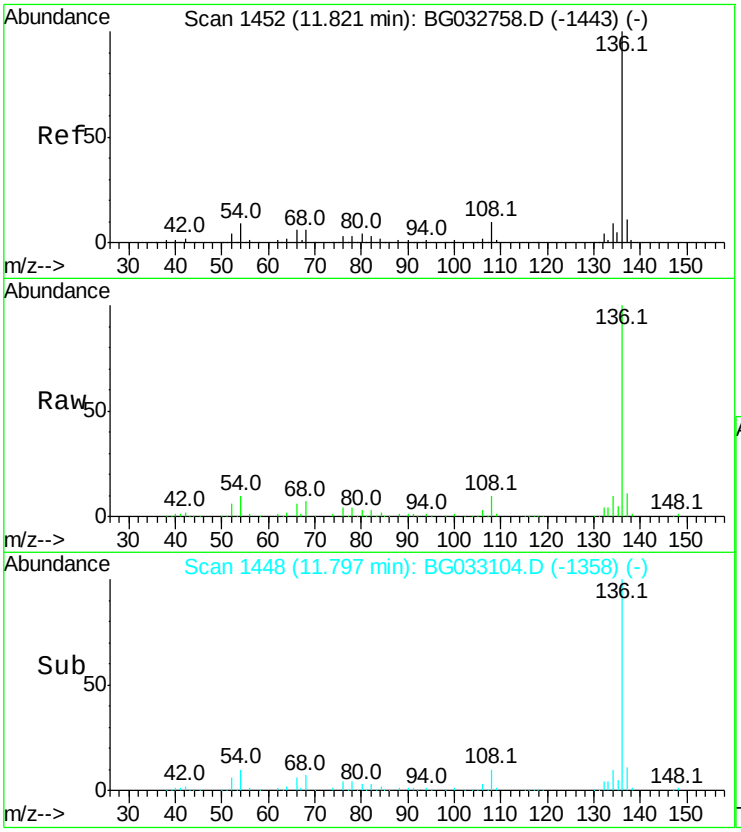


#19
n-Nitroso-di-n-propylamine
Concen: 17.168 ng
RT: 10.11 min Scan# 1160
Delta R.T. 0.39 min
Lab File: BG033104.D
Acq: 13 Mar 2018 00:59

Tgt Ion: 70 Resp: 49062

Ion	Ratio	Lower	Upper
70	100		
42	53.6	49.1	73.7
101	0.0	8.5	12.7#
130	2.1	13.4	20.0#



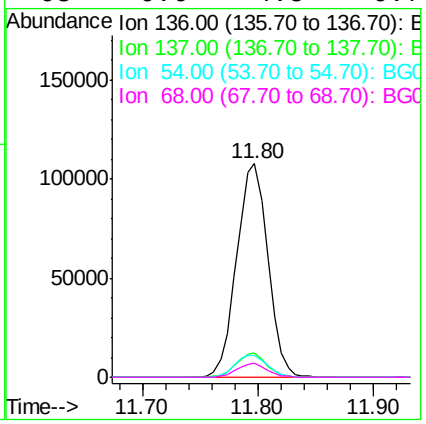


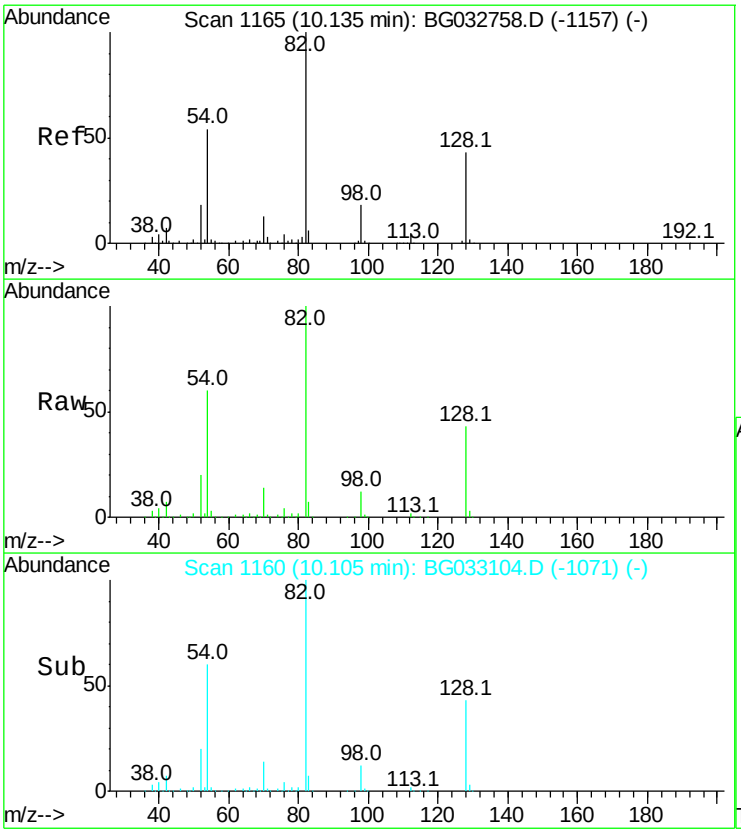
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.80 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BG033104.D
Acq: 13 Mar 2018 00:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 202072

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	10.2	10.3	15.5#
68	6.6	4.5	6.7

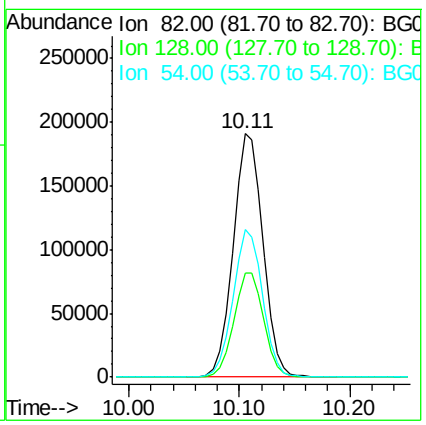


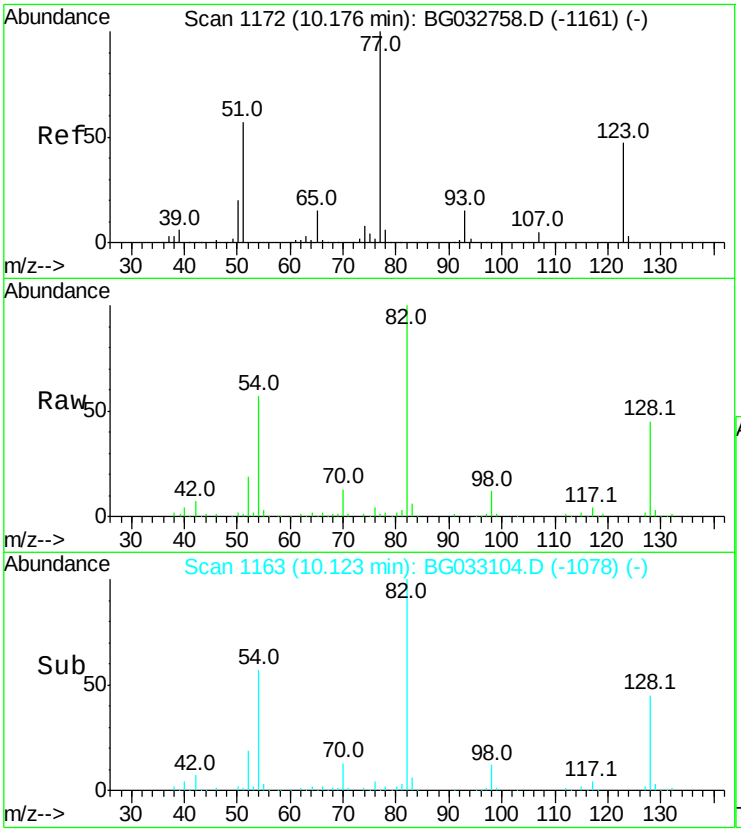


#23
Nitrobenzene-d5
Concen: 119.979 ng
RT: 10.11 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BG033104.D
Acq: 13 Mar 2018 00:59

Tgt Ion: 82 Resp: 362814

Ion	Ratio	Lower	Upper
82	100		
128	42.8	29.7	44.5
54	60.5	43.1	64.7



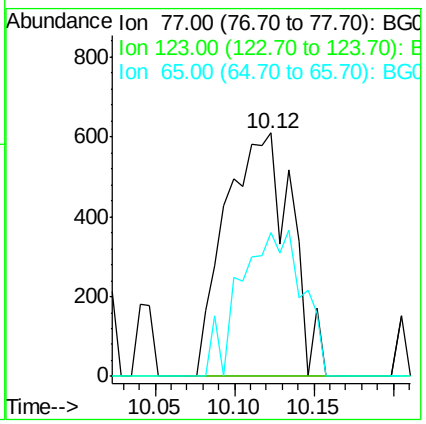


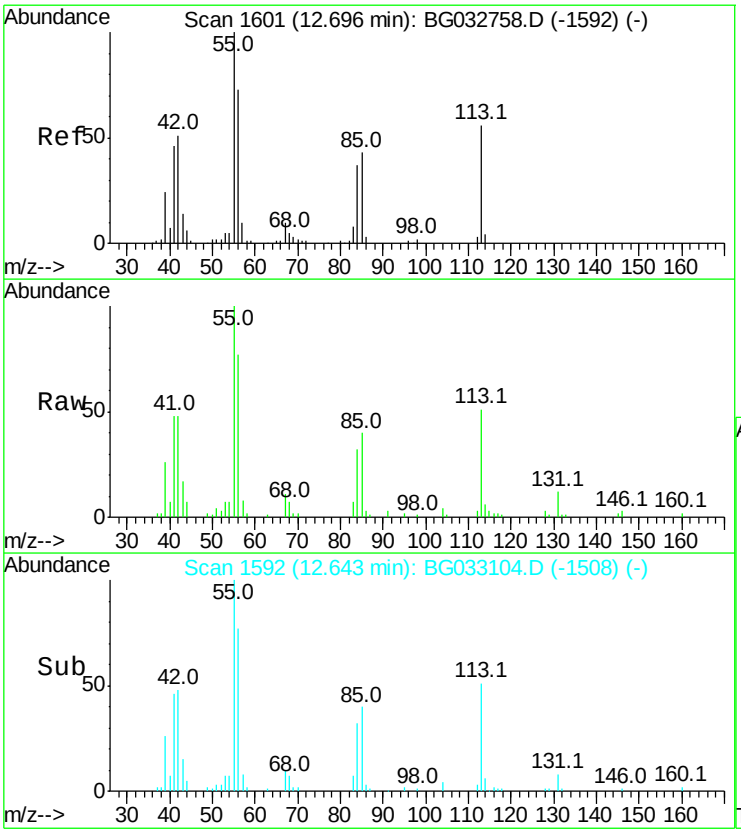
#24
Nitrobenzene
Concen: 6.852 ng
RT: 10.12 min Scan# 1163
Delta R.T. -0.03 min
Lab File: BG033104.D
Acq: 13 Mar 2018 00:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 1752

Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.0	49.6#
65	59.0	13.0	19.6#

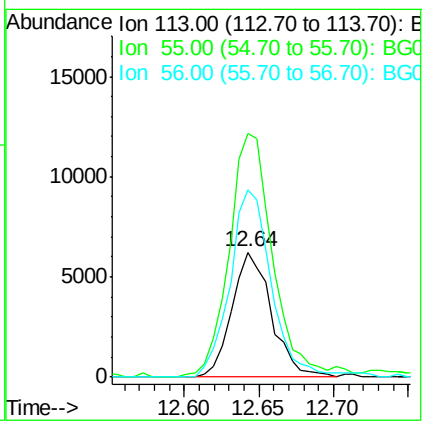


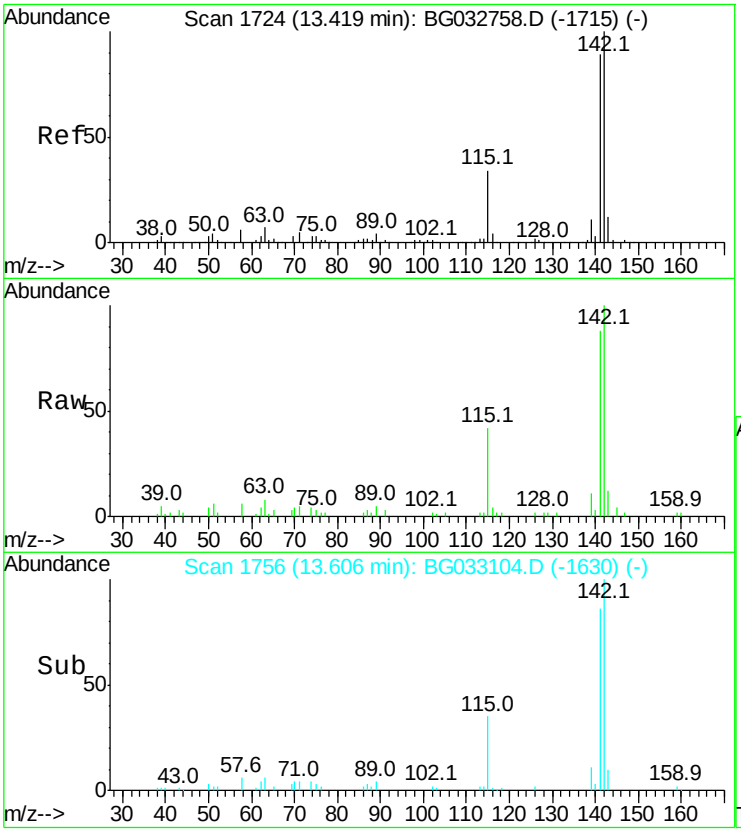


#35
Caprolactam
Concen: 10.281 ng
RT: 12.64 min Scan# 1592
Delta R.T. -0.04 min
Lab File: BG033104.D
Acq: 13 Mar 2018 00:59

Tgt Ion:113 Resp: 11512

Ion	Ratio	Lower	Upper
113	100		
55	194.8	186.9	226.9
56	150.3	130.9	170.9



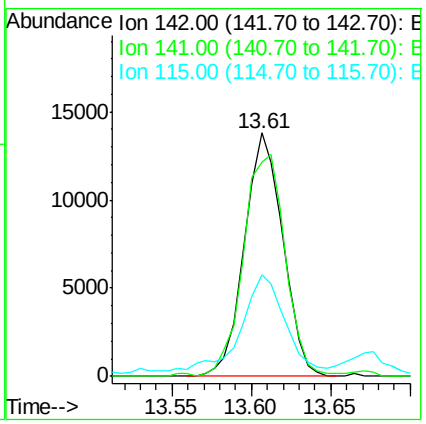


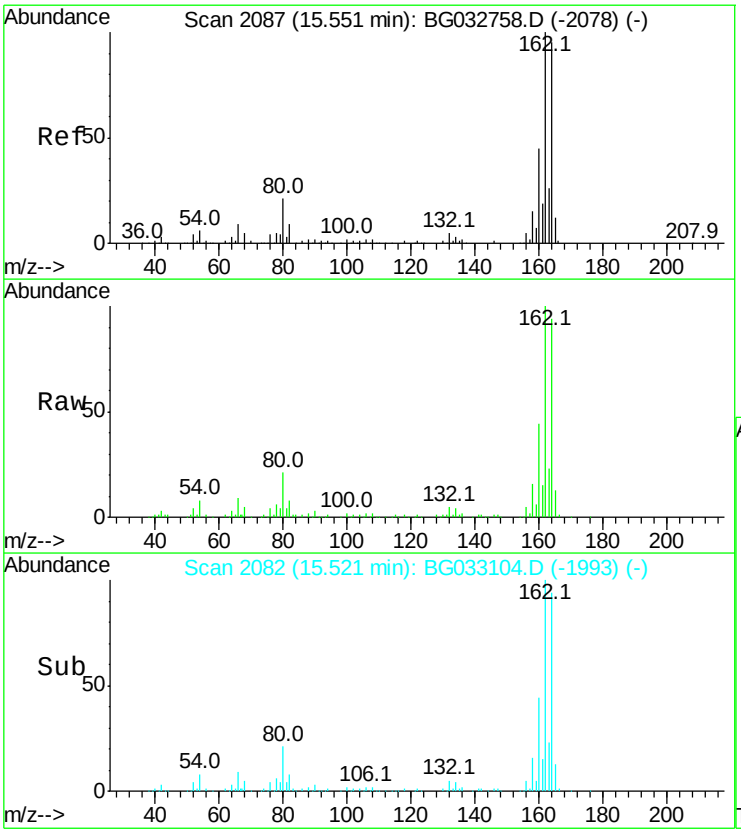
#37
2-Methylnaphthalene
Concen: 3.037 ng
RT: 13.61 min Scan# 1756
Delta R.T. 0.21 min
Lab File: BG033104.D
Acq: 13 Mar 2018 00:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:142 Resp: 23201

Ion	Ratio	Lower	Upper
142	100		
141	87.8	67.1	100.7
115	41.8	30.7	46.1

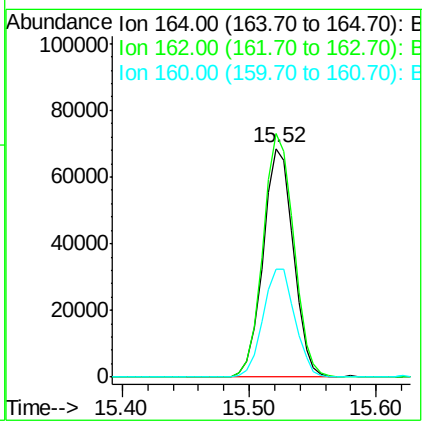


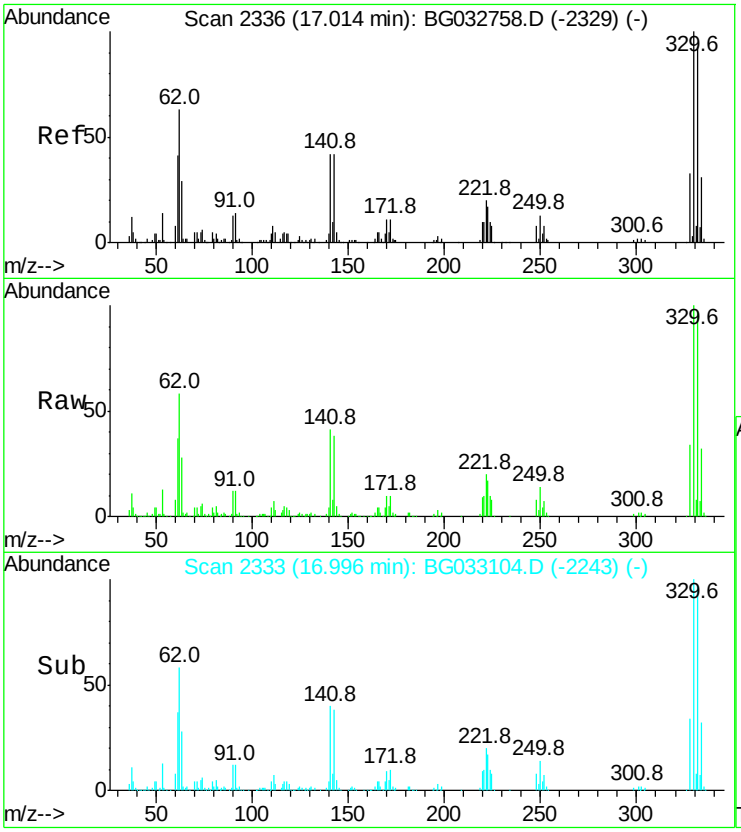


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.52 min Scan# 2082
Delta R.T. -0.01 min
Lab File: BG033104.D
Acq: 13 Mar 2018 00:59

Tgt Ion:164 Resp: 113067

Ion	Ratio	Lower	Upper
164	100		
162	106.6	78.8	118.2
160	47.2	35.4	53.0



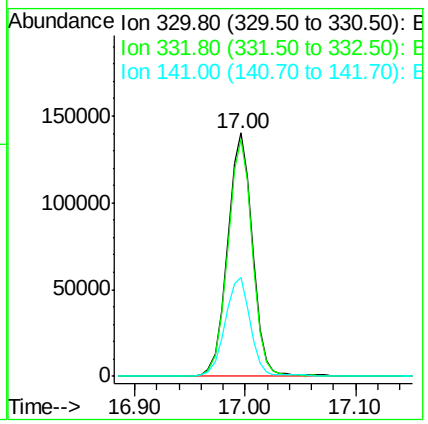


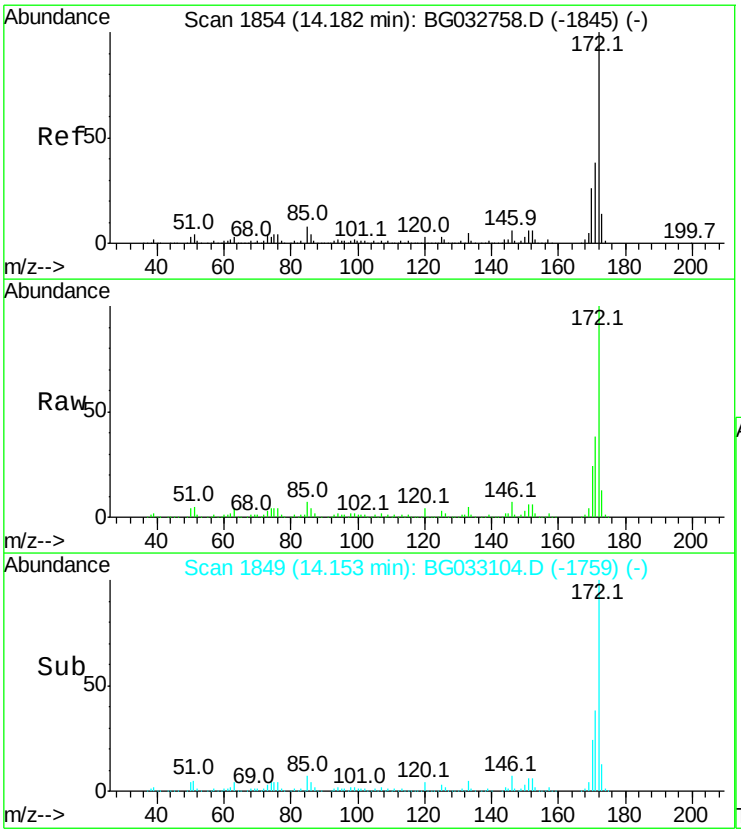
#41
2,4,6-Tribromophenol
Concen: 186.508 ng
RT: 17.00 min Scan# 2333
Delta R.T. -0.00 min
Lab File: BG033104.D
Acq: 13 Mar 2018 00:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 221732

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	40.6	25.2	37.8#

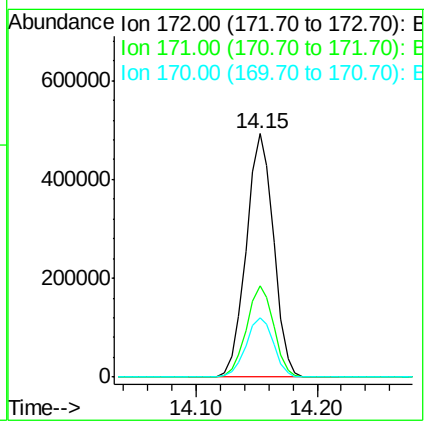


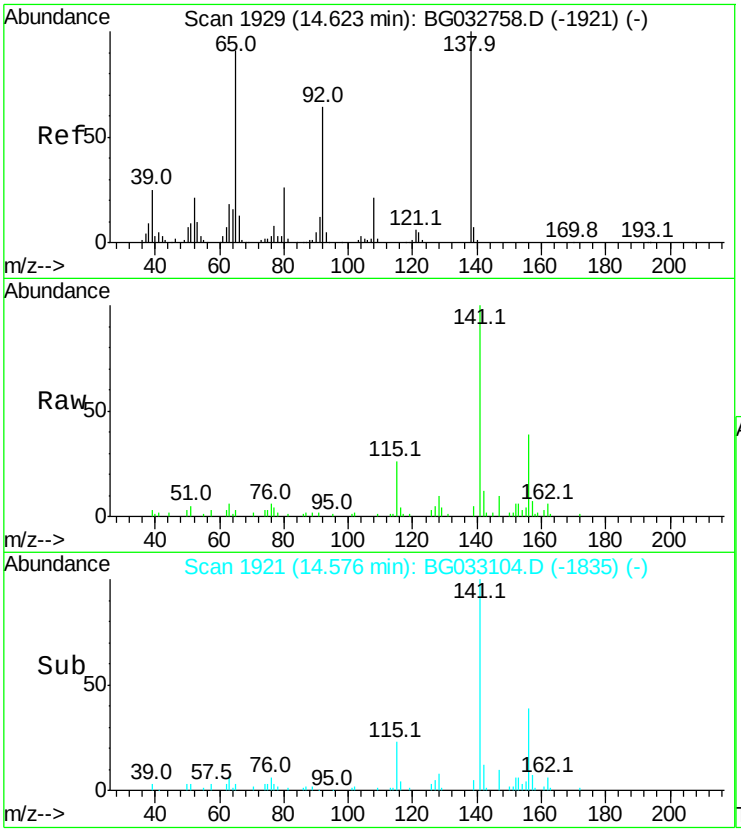


#44
2-Fluorobiphenyl
Concen: 99.145 ng
RT: 14.15 min Scan# 1849
Delta R.T. -0.00 min
Lab File: BG033104.D
Acq: 13 Mar 2018 00:59

Tgt Ion:172 Resp: 777261

Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.0	45.0
170	24.1	19.5	29.3



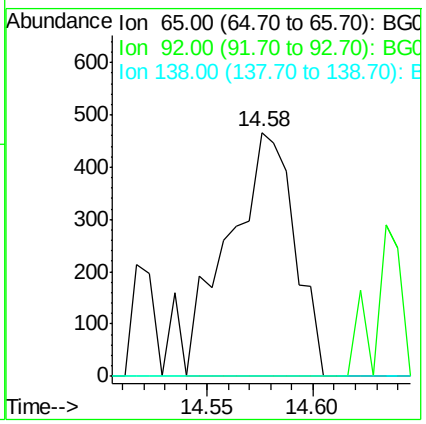


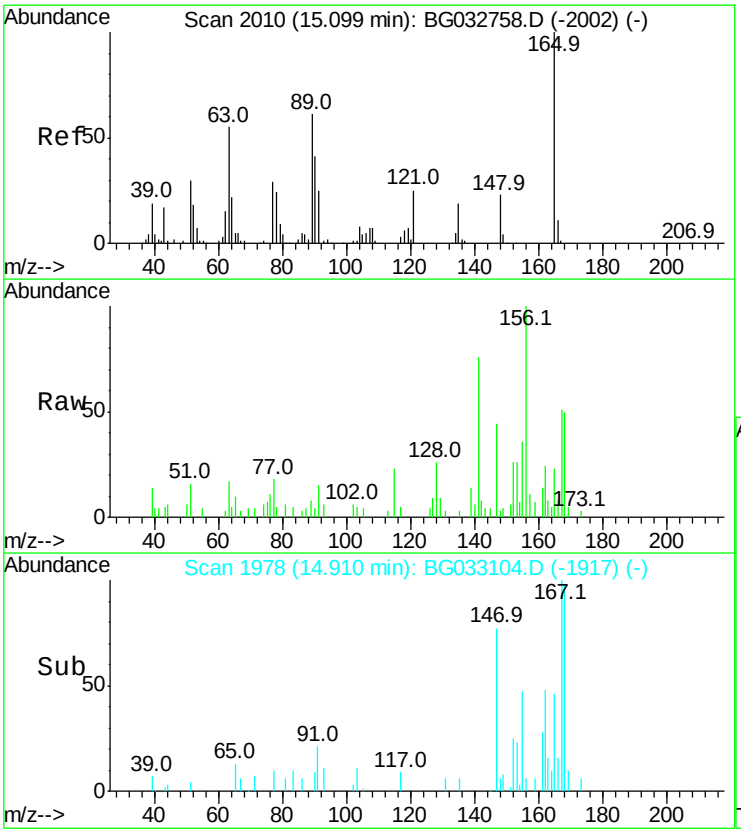
#47
2-Nitroaniline
Concen: 10.265 ng
RT: 14.58 min Scan# 1921
Delta R.T. -0.03 min
Lab File: BG033104.D
Acq: 13 Mar 2018 00:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 65 Resp: 1006

Ion	Ratio	Lower	Upper
65	100		
92	0.0	54.6	82.0#
138	0.0	72.9	109.3#

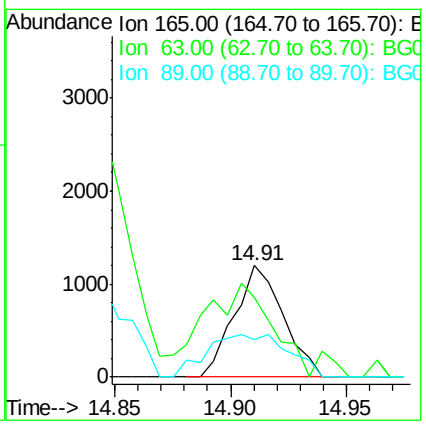


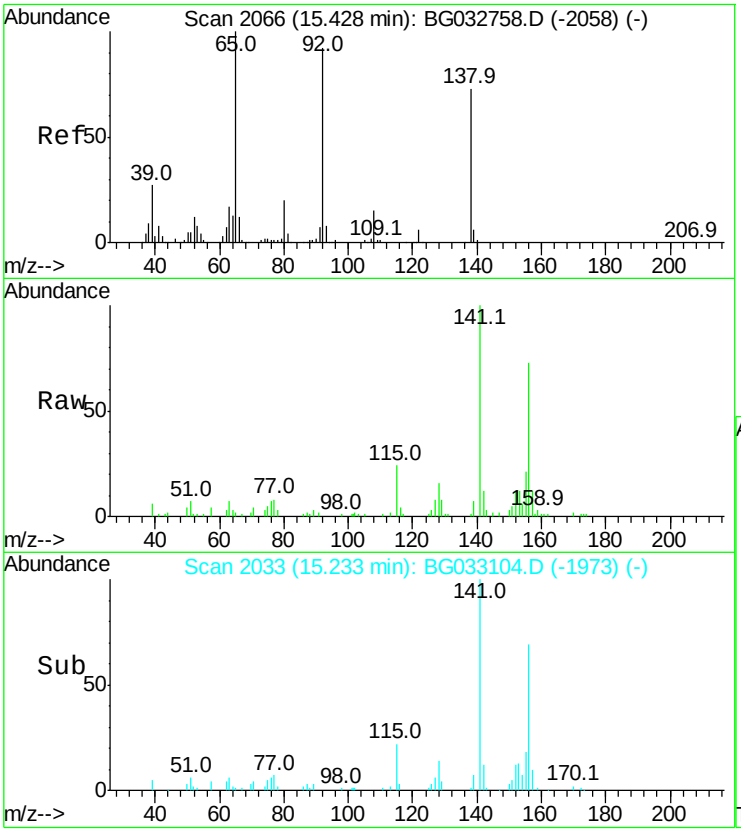


#50
2,6-Dinitrotoluene
Concen: 9.801 ng
RT: 14.91 min Scan# 1978
Delta R.T. -0.17 min
Lab File: BG033104.D
Acq: 13 Mar 2018 00:59

Tgt Ion:165 Resp: 1761

Ion	Ratio	Lower	Upper
165	100		
63	71.8	52.7	79.1
89	34.1	49.2	73.8#



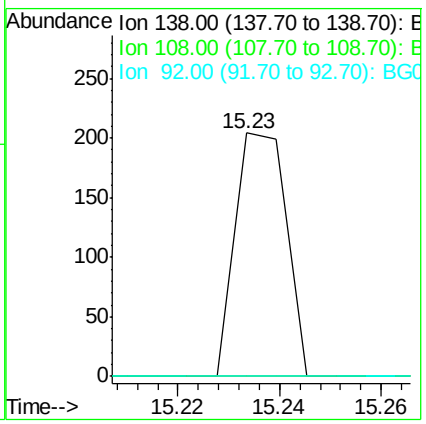


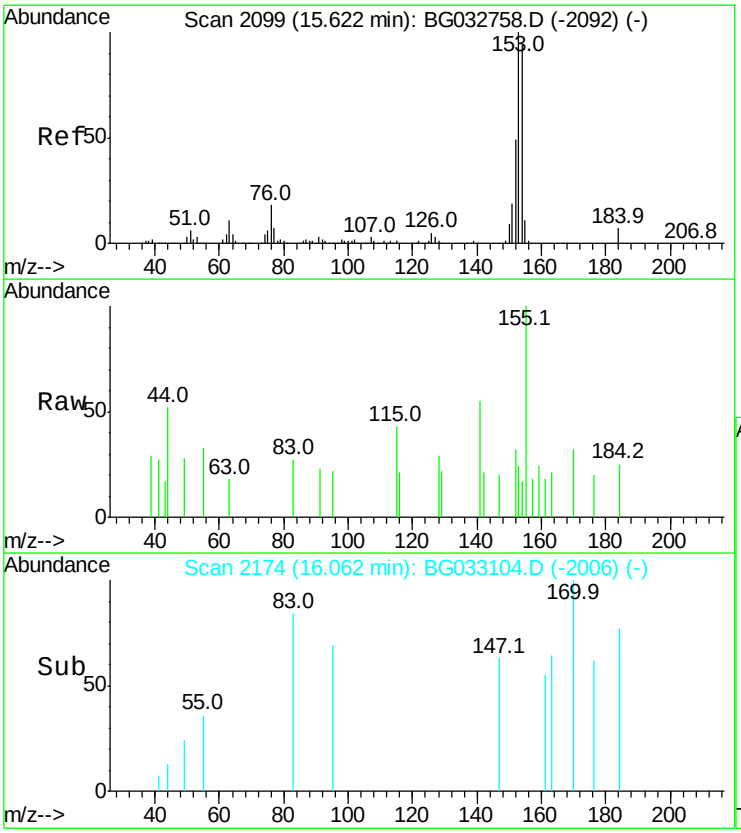
#52
3-Nitroaniline
Concen: 7.604 ng
RT: 15.23 min Scan# 2033
Delta R.T. -0.18 min
Lab File: BG033104.D
Acq: 13 Mar 2018 00:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:138 Resp: 142

Ion	Ratio	Lower	Upper
138	100		
108	0.0	17.5	26.3#
92	0.0	105.8	158.8#

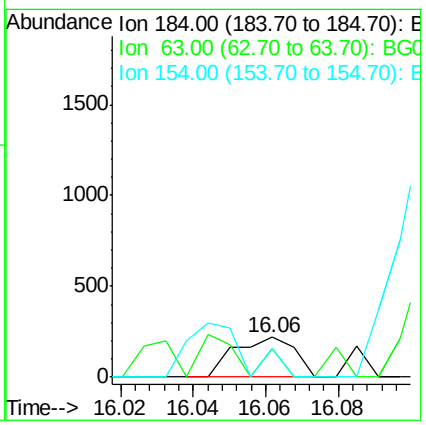


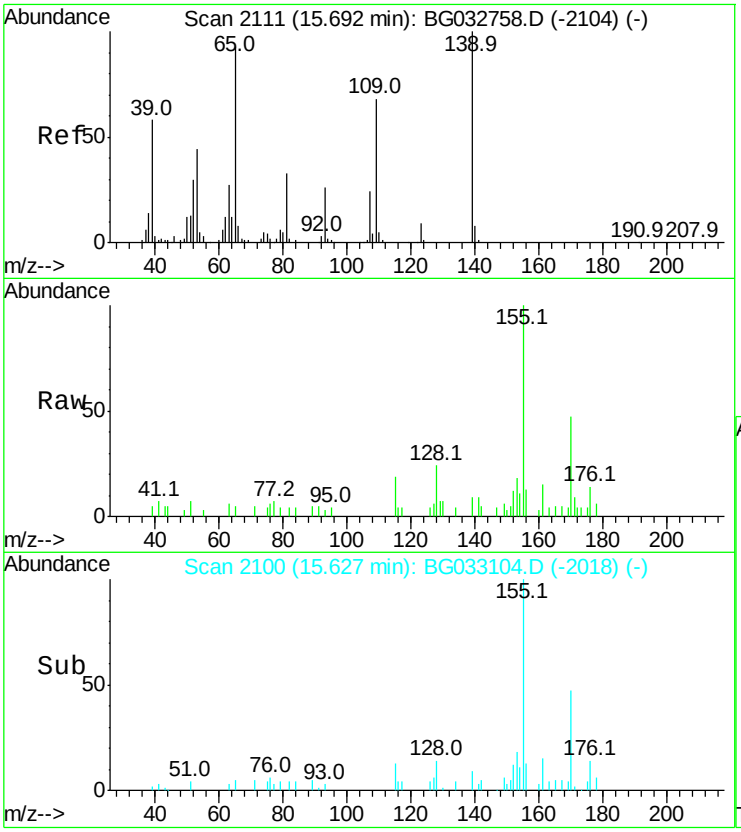


#53
2,4-Dinitrophenol
Concen: 4.097 ng
RT: 16.06 min Scan# 2174
Delta R.T. 0.46 min
Lab File: BG033104.D
Acq: 13 Mar 2018 00:59

Tgt Ion:184 Resp: 249

Ion	Ratio	Lower	Upper
184	100		
63	73.5	59.8	89.8
154	70.8	101.8	152.8#



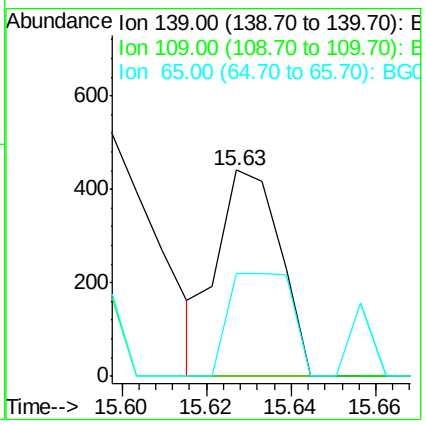


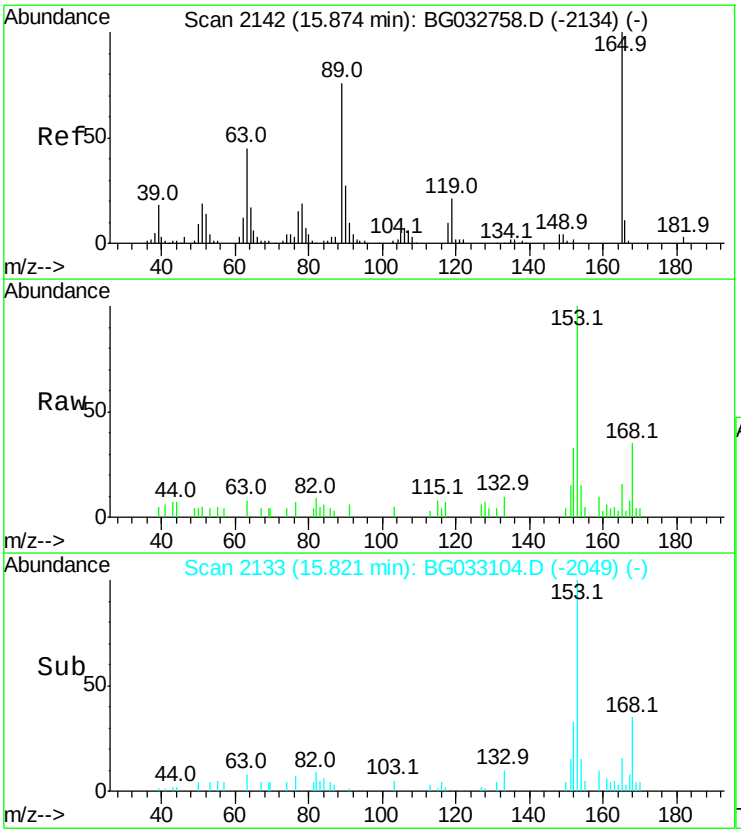
#55
4-Nitrophenol
Concen: 7.342 ng
RT: 15.63 min Scan# 2100
Delta R.T. -0.05 min
Lab File: BG033104.D
Acq: 13 Mar 2018 00:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:139 Resp: 451

Ion	Ratio	Lower	Upper
139	100		
109	0.0	62.2	102.2#
65	50.1	97.2	137.2#

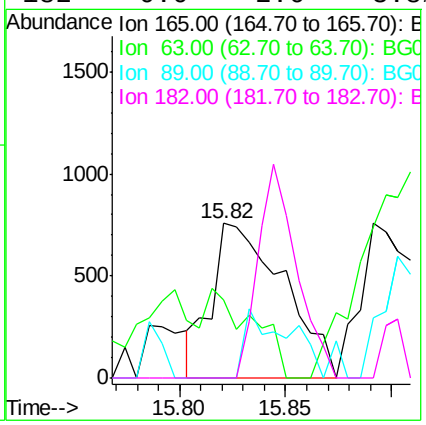


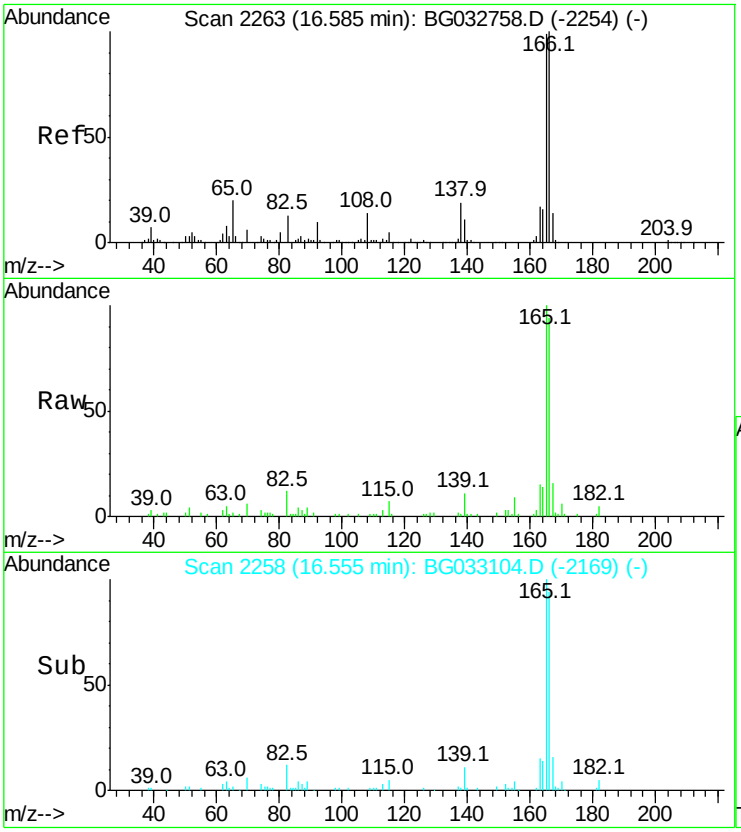


#56
2,4-Dinitrotoluene
Concen: 7.785 ng
RT: 15.82 min Scan# 2133
Delta R.T. -0.04 min
Lab File: BG033104.D
Acq: 13 Mar 2018 00:59

Tgt Ion:165 Resp: 1799

Ion	Ratio	Lower	Upper
165	100		
63	50.8	42.0	63.0
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#



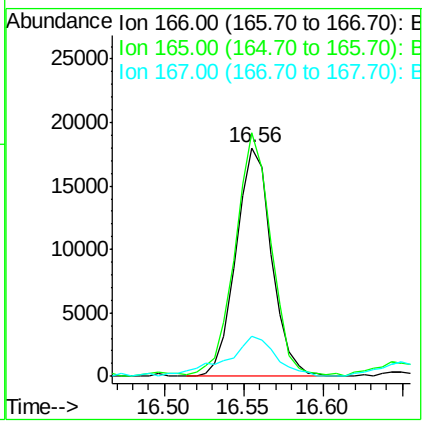


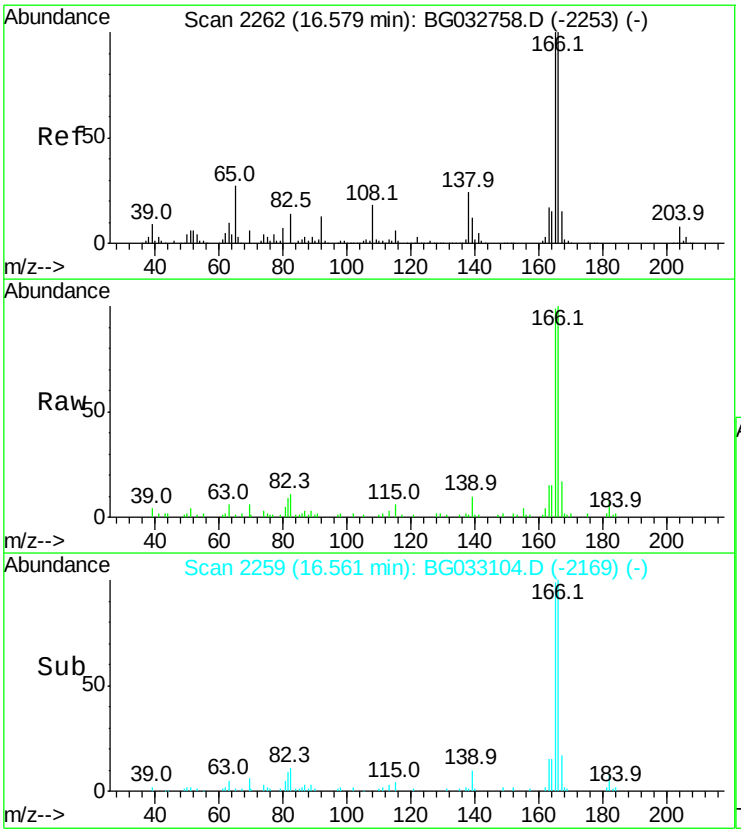
#57
Fluorene
Concen: 3.162 ng
RT: 16.56 min Scan# 2258
Delta R.T. -0.01 min
Lab File: BG033104.D
Acq: 13 Mar 2018 00:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:166 Resp: 27969

Ion	Ratio	Lower	Upper
166	100		
165	106.6	80.6	121.0
167	17.3	10.4	15.6#

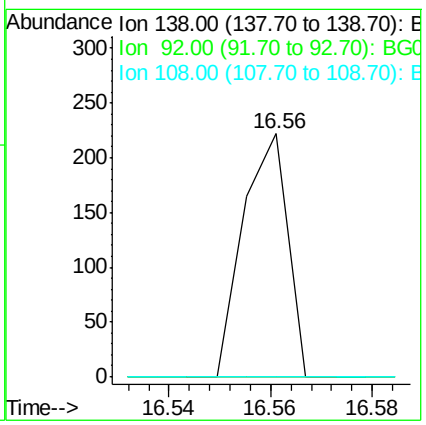


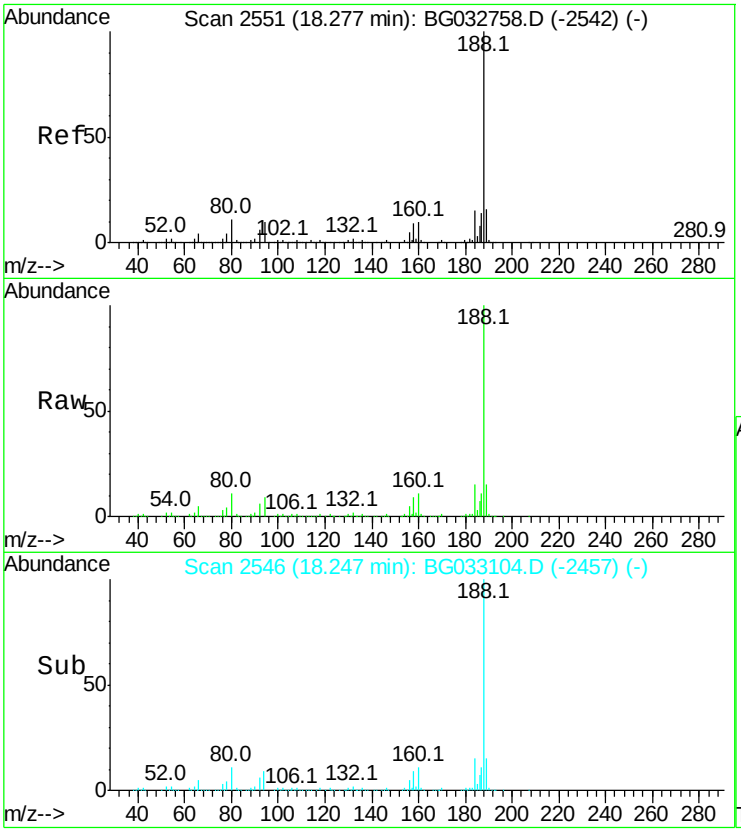


#61
4-Nitroaniline
Concen: 5.358 ng
RT: 16.56 min Scan# 2259
Delta R.T. -0.00 min
Lab File: BG033104.D
Acq: 13 Mar 2018 00:59

Tgt Ion:138 Resp: 136

Ion	Ratio	Lower	Upper
138	100		
92	0.0	40.1	80.1#
108	0.0	65.4	105.4#



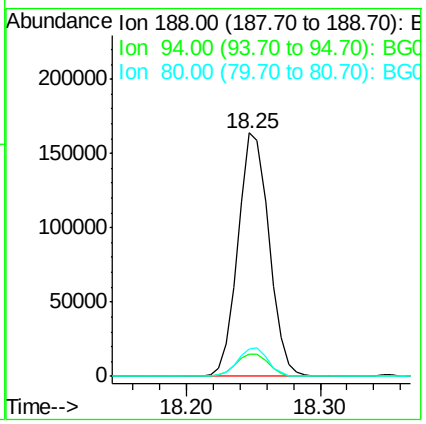


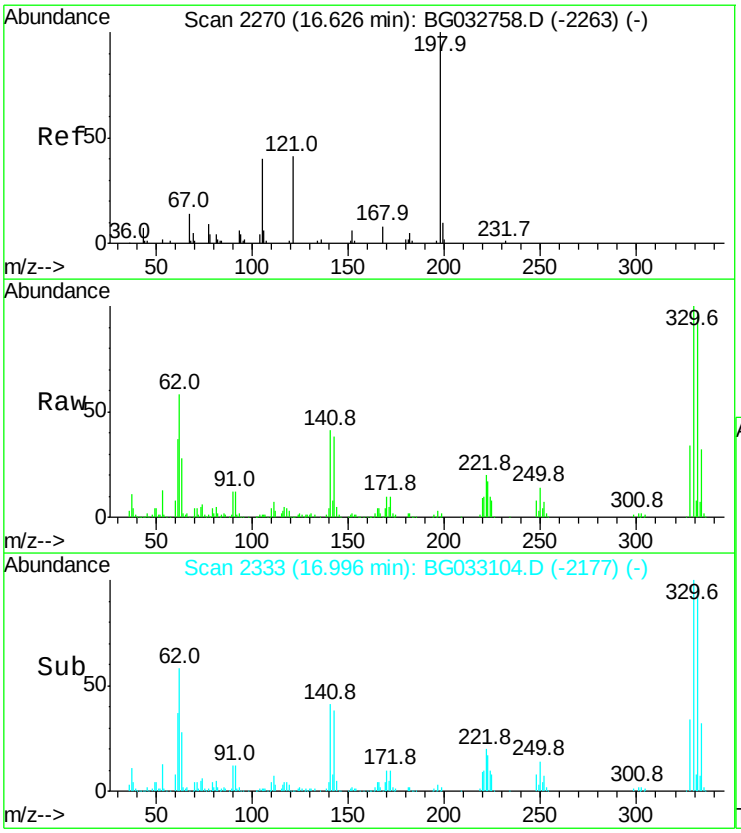
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.25 min Scan# 2546
Delta R.T. -0.01 min
Lab File: BG033104.D
Acq: 13 Mar 2018 00:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 262730

Ion	Ratio	Lower	Upper
188	100		
94	9.2	6.9	10.3
80	11.3	7.7	11.5

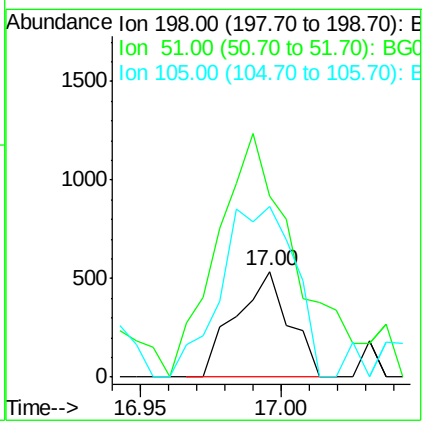


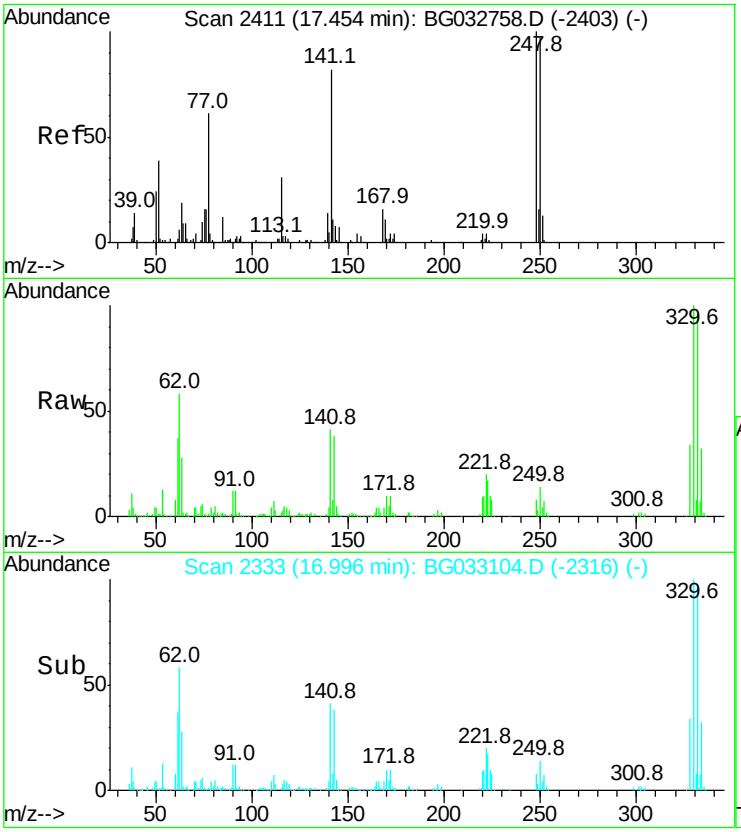


#64
4,6-Dinitro-2-methylphenol
Concen: 6.080 ng
RT: 17.00 min Scan# 2333
Delta R.T. 0.39 min
Lab File: BG033104.D
Acq: 13 Mar 2018 00:59

Tgt Ion:198 Resp: 701

Ion	Ratio	Lower	Upper
198	100		
51	170.8	30.6	70.6#
105	161.0	23.8	63.8#



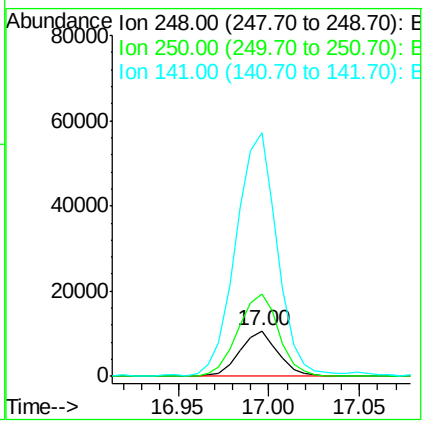


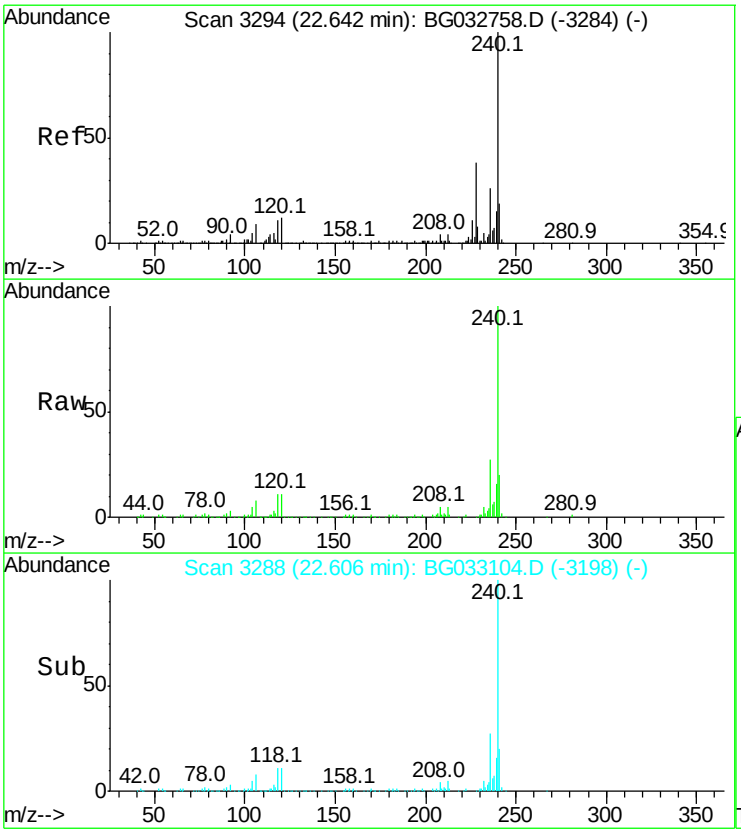
#66
4-Bromophenyl-phenylether
Concen: 5.533 ng
RT: 17.00 min Scan# 2333
Delta R.T. -0.43 min
Lab File: BG033104.D
Acq: 13 Mar 2018 00:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 15370

Ion	Ratio	Lower	Upper
248	100		
250	181.4	77.1	115.7#
141	537.7	50.8	76.2#

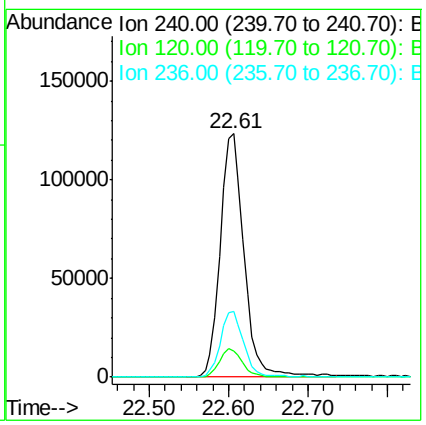


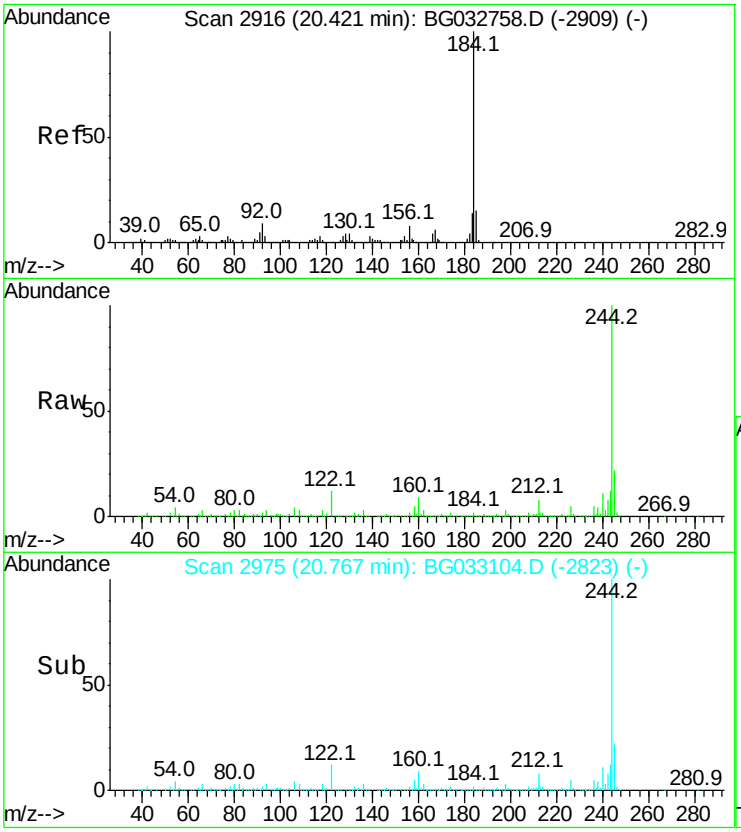


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.61 min Scan# 3288
Delta R.T. -0.00 min
Lab File: BG033104.D
Acq: 13 Mar 2018 00:59

Tgt Ion:240 Resp: 257294

Ion	Ratio	Lower	Upper
240	100		
120	10.9	6.8	10.2#
236	27.1	20.9	31.3



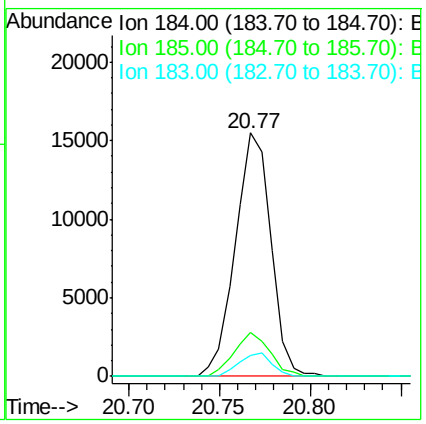


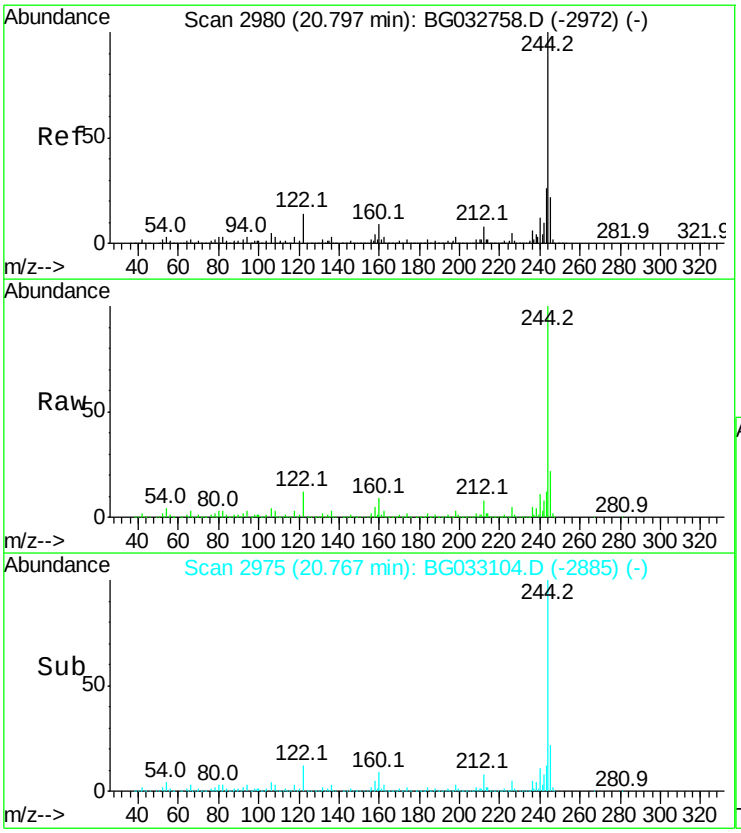
#76
Benzidine
Concen: 2.410 ng
RT: 20.77 min Scan# 2975
Delta R.T. 0.36 min
Lab File: BG033104.D
Acq: 13 Mar 2018 00:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 21138

Ion	Ratio	Lower	Upper
184	100		
185	17.8	11.1	16.7#
183	8.4	10.6	16.0#

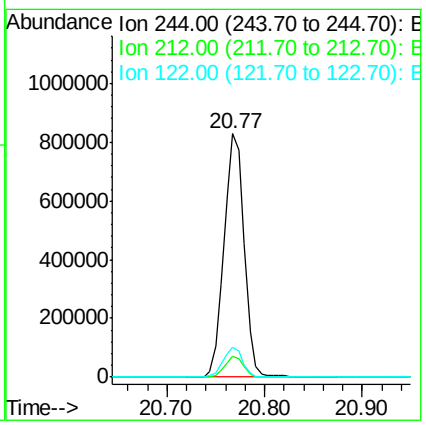


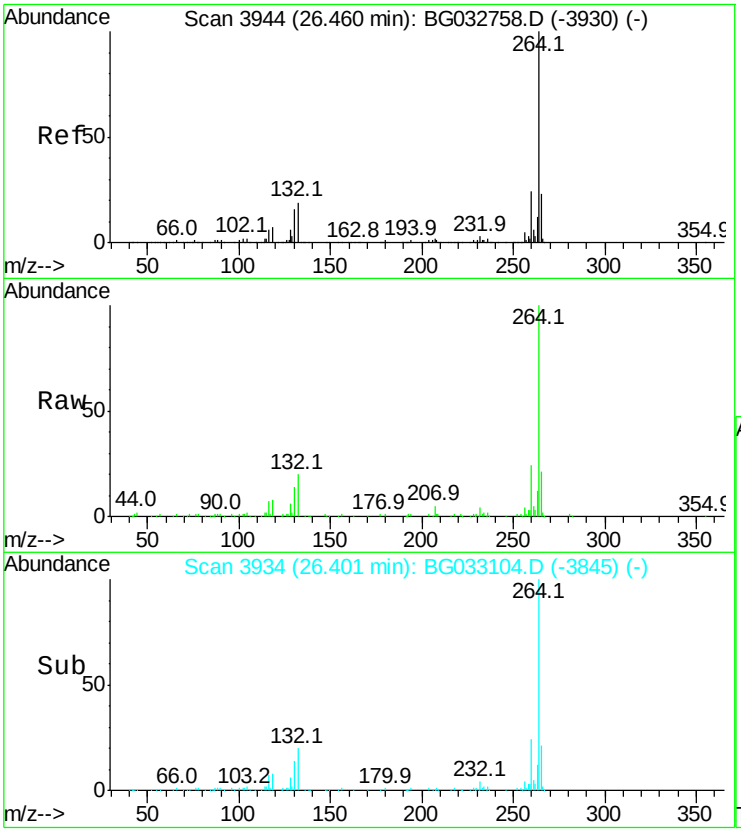


#78
Terphenyl-d14
Concen: 103.449 ng
RT: 20.77 min Scan# 2975
Delta R.T. -0.00 min
Lab File: BG033104.D
Acq: 13 Mar 2018 00:59

Tgt Ion:244 Resp: 1184692

Ion	Ratio	Lower	Upper
244	100		
212	8.5	5.8	8.8
122	12.5	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.40 min Scan# 3934
Delta R.T. -0.01 min
Lab File: BG033104.D
Acq: 13 Mar 2018 00:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 249004

Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.4	26.0
265	21.2	17.7	26.5