Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022618\
Data File : BG032836.D
Acq On : 27 Feb 2018 00:41
Operator : SJ/JU
Sample : J1691-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Feb 27 03:38:46 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	71148	20.00	ng		0.00
21) Naphthalene-d8	11.81	136	304941	20.00	ng		0.00
38) Acenaphthene-d10	15.54	164	172416	20.00	ng		0.00
63) Phenanthrene-d10	18.26	188	399823	20.00	ng		0.00
75) Chrysene-d12	22.62	240	387381	20.00	ng		-0.01
86) Perylene-d12	26.43	264	395128	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	6.34	112	588539	132.34	ng		0.00
7) Phenol-d6	8.02	99	680483	109.78	ng		0.00
23) Nitrobenzene-d5	10.12	82	499170	110.26	ng		0.00
41) 2,4,6-Tribromophenol	17.00	330	288889	159.35	ng		0.00
44) 2-Fluorobiphenyl	14.17	172	1098560	91.89	ng		0.00
78) Terphenyl-d14	20.78	244	1685007	97.73	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	10.12	70	64545	14.75	ng	#	82
24) Nitrobenzene	10.12	77	1453	6.64	ng	#	38
32) Benzoic acid	10.96	122	83	5.85	ng	#	31
47) 2-Nitroaniline	14.17	65	1775	10.33	ng	#	1
50) 2,6-Dinitrotoluene	15.54	165	22463	16.45	ng	#	19
55) 4-Nitrophenol	15.92	139	494	7.27	ng	#	1
56) 2,4-Dinitrotoluene	15.54	165	22463	14.65	ng	#	17
61) 4-Nitroaniline	17.00	138	62	5.32	ng	#	1
64) 4,6-Dinitro-2-methylphenol	17.01	198	905	5.91	ng	#	34
66) 4-Bromophenyl-phenylether	17.00	248	20411	4.83	ng	#	1
76) Benzidine	20.78	184	29105	2.20	ng	#	91

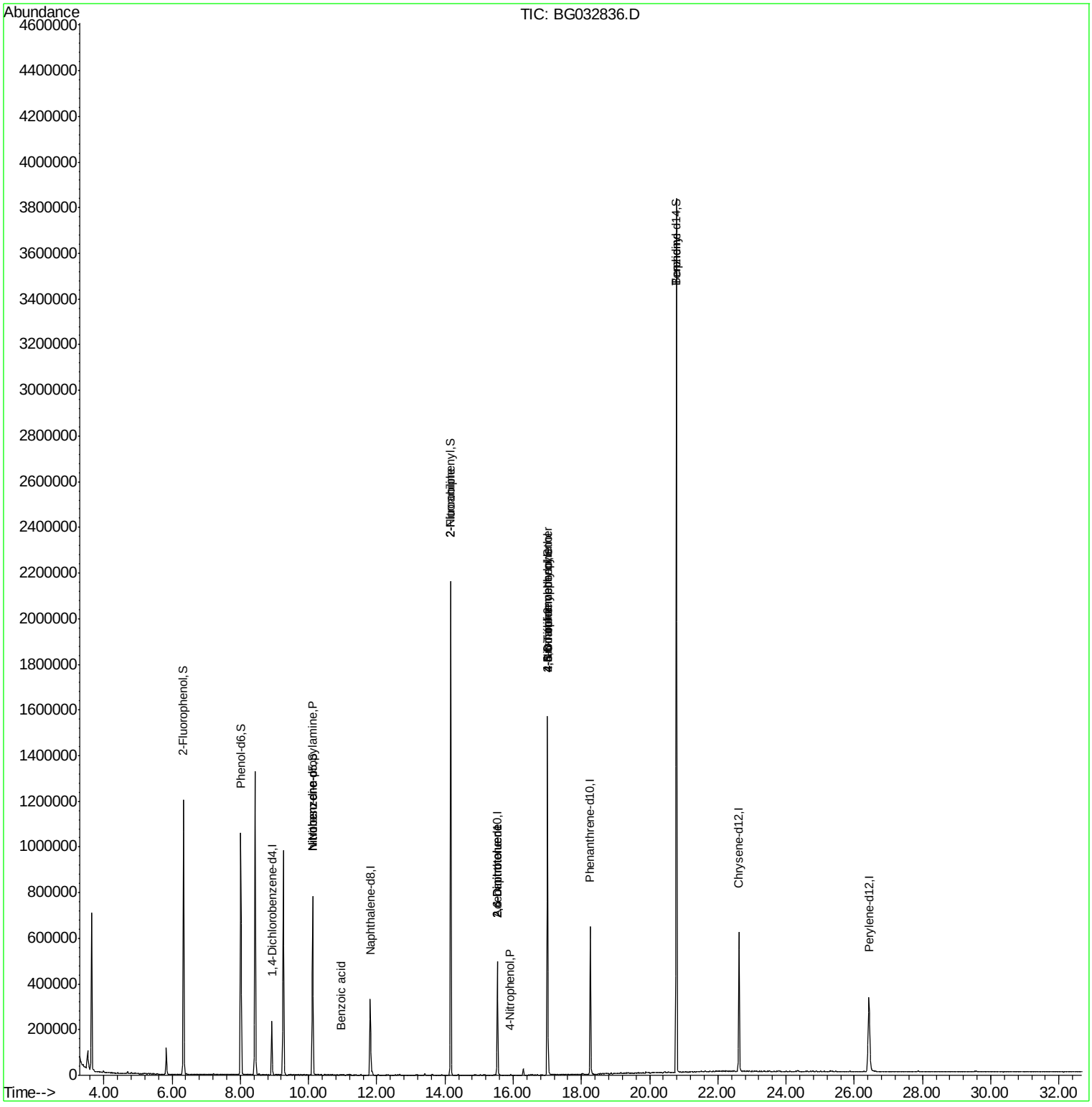
(#) = qualifier out of range (m) = manual integration (+) = signals summed

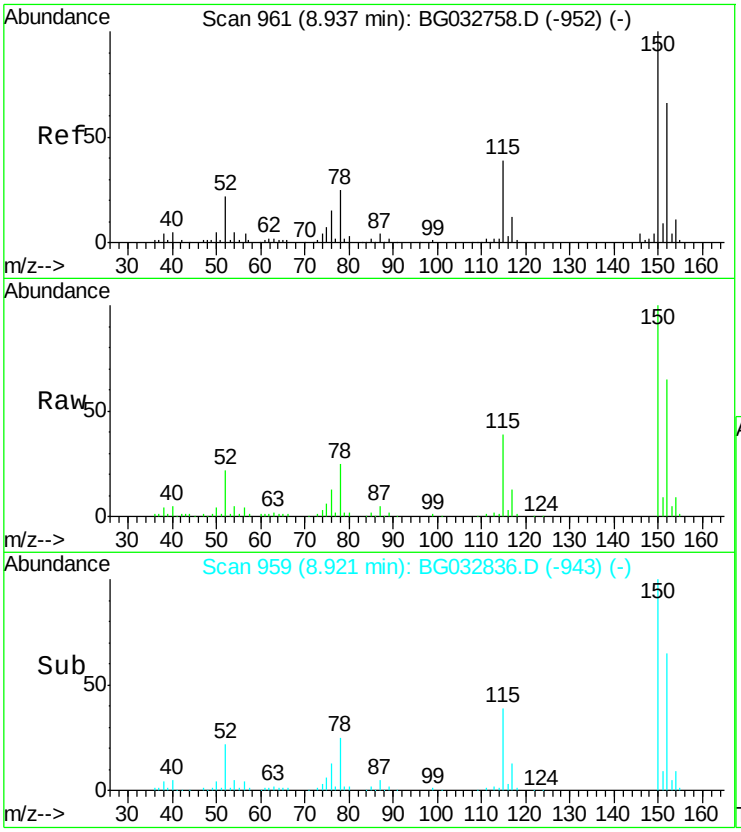
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022618\
Data File : BG032836.D
Acq On : 27 Feb 2018 00:41
Operator : SJ/JU
Sample : J1691-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Feb 27 03:38:46 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



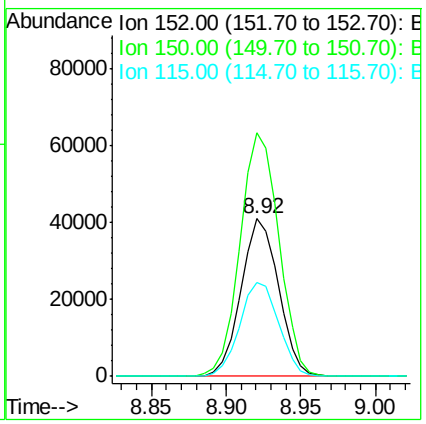


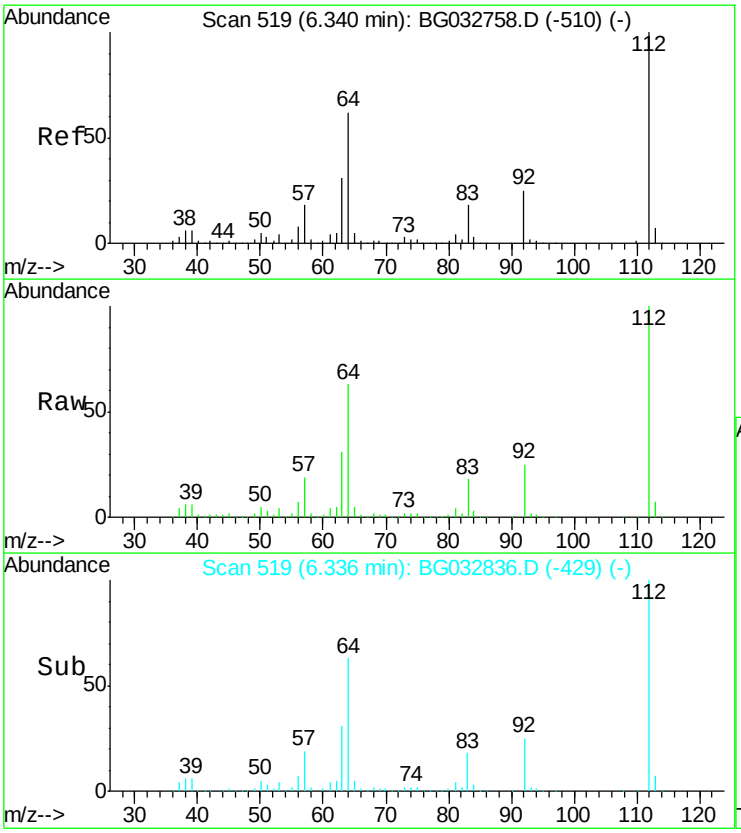
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.92 min Scan# 959
Delta R.T. -0.01 min
Lab File: BG032836.D
Acq: 27 Feb 2018 00:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 71148

Ion	Ratio	Lower	Upper
152	100		
150	154.6	126.6	189.8
115	59.8	53.0	79.4

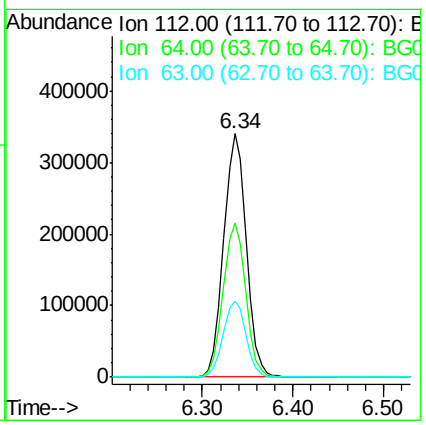


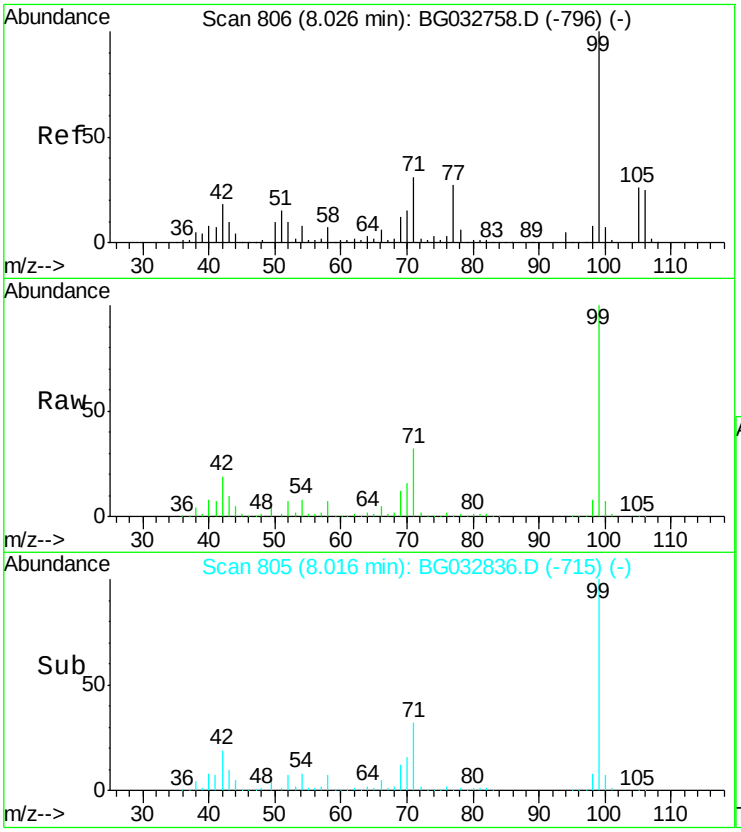


#5
2-Fluorophenol
Concen: 132.34 ng
RT: 6.34 min Scan# 519
Delta R.T. -0.00 min
Lab File: BG032836.D
Acq: 27 Feb 2018 00:41

Tgt Ion:112 Resp: 588539

Ion	Ratio	Lower	Upper
112	100		
64	63.3	56.3	84.5
63	31.4	30.1	45.1



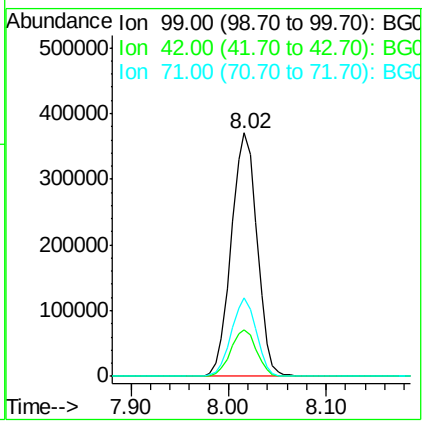


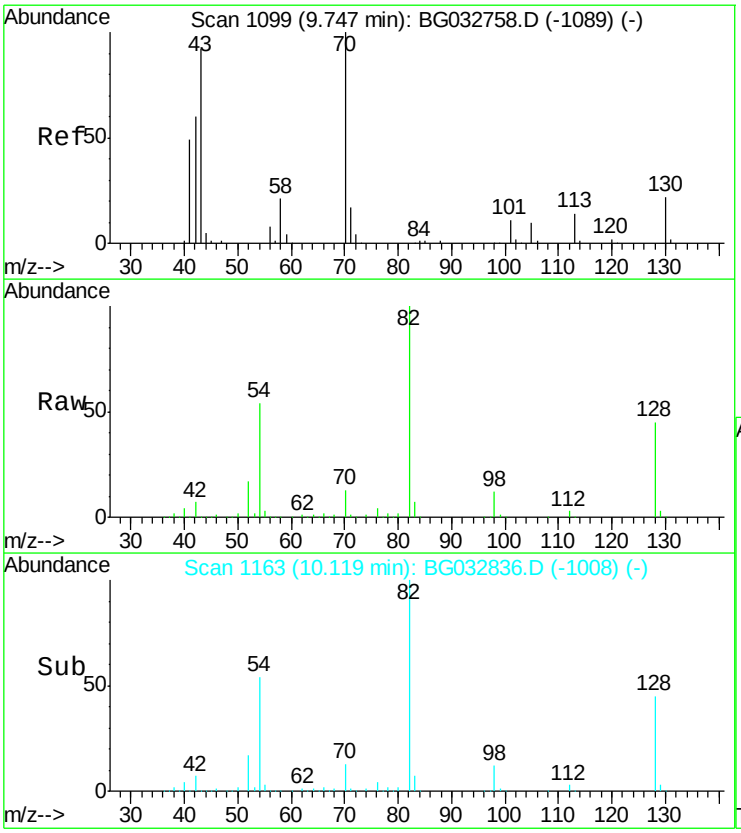
#7
Phenol-d6
Concen: 109.78 ng
RT: 8.02 min Scan# 805
Delta R.T. -0.00 min
Lab File: BG032836.D
Acq: 27 Feb 2018 00:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 680483

Ion	Ratio	Lower	Upper
99	100		
42	19.1	14.1	21.1
71	32.2	26.1	39.1

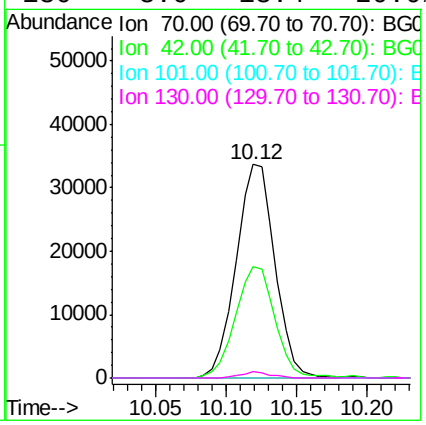


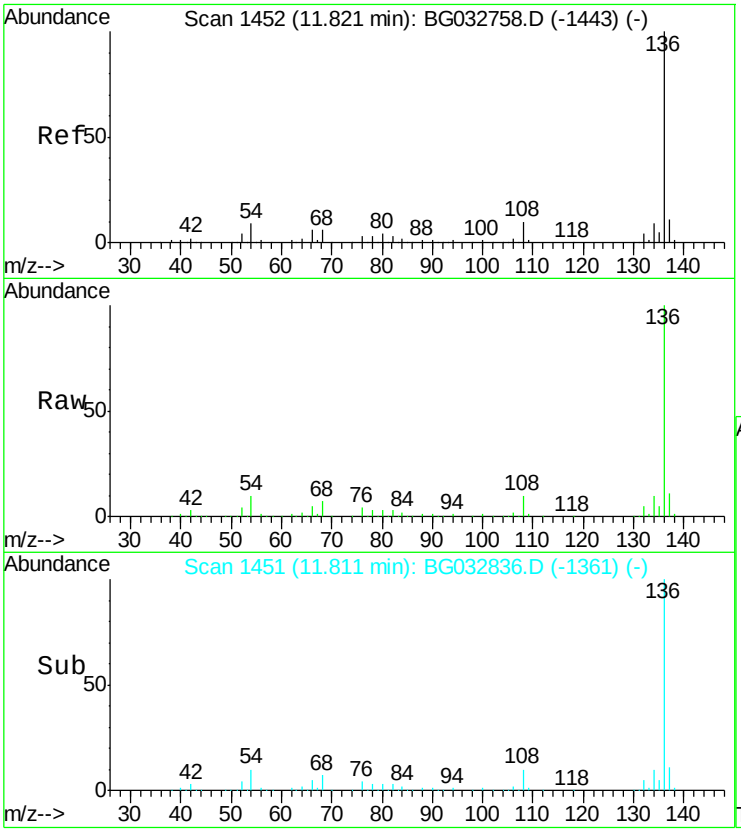


#19
n-Nitroso-di-n-propylamine
Concen: 14.75 ng
RT: 10.12 min Scan# 1163
Delta R.T. 0.38 min
Lab File: BG032836.D
Acq: 27 Feb 2018 00:41

Tgt Ion: 70 Resp: 64545

Ion	Ratio	Lower	Upper
70	100		
42	52.2	49.1	73.7
101	0.0	8.5	12.7#
130	3.0	13.4	20.0#



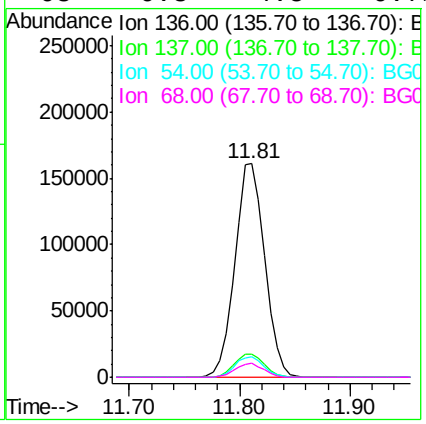


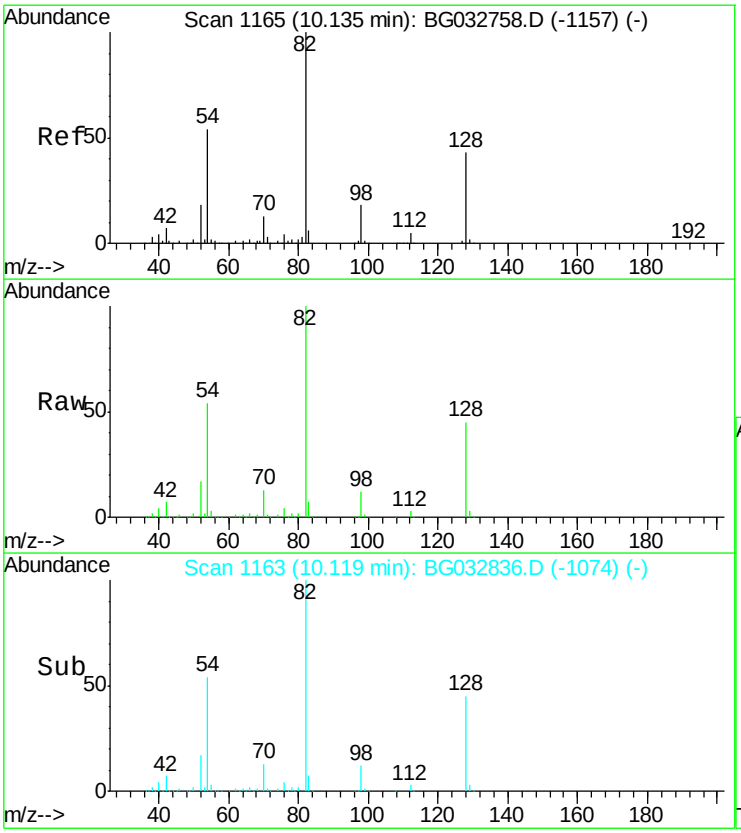
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.81 min Scan# 1451
Delta R.T. -0.00 min
Lab File: BG032836.D
Acq: 27 Feb 2018 00:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 304941

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	9.6	10.3	15.5#
68	6.8	4.5	6.7#

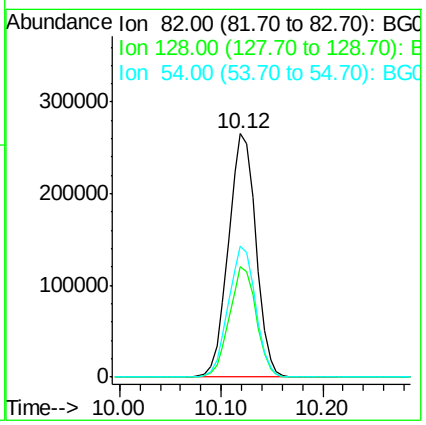


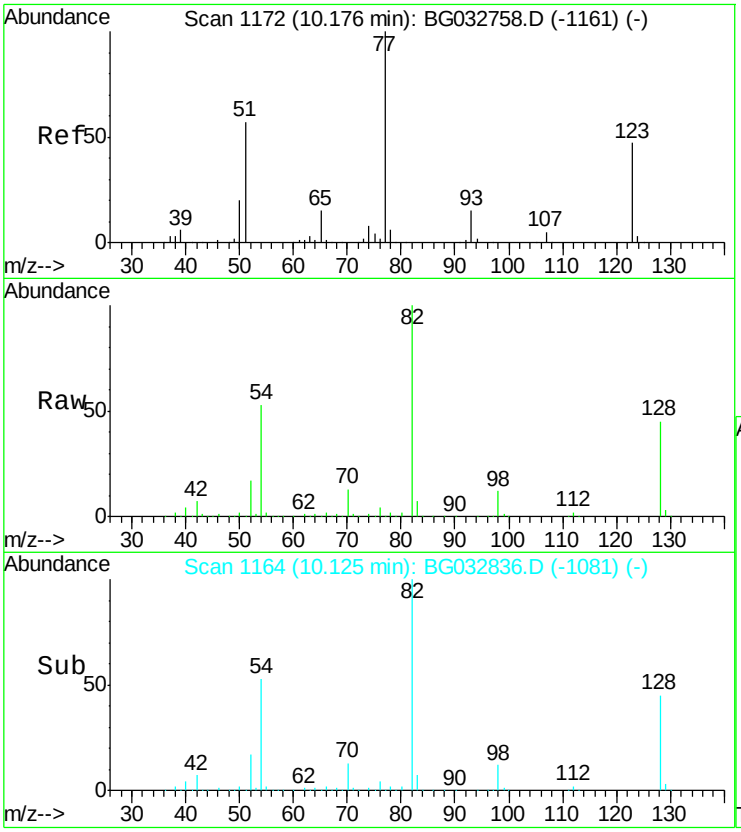


#23
Nitrobenzene-d5
Concen: 110.26 ng
RT: 10.12 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BG032836.D
Acq: 27 Feb 2018 00:41

Tgt Ion: 82 Resp: 499170

Ion	Ratio	Lower	Upper
82	100		
128	45.2	29.7	44.5#
54	54.0	43.1	64.7



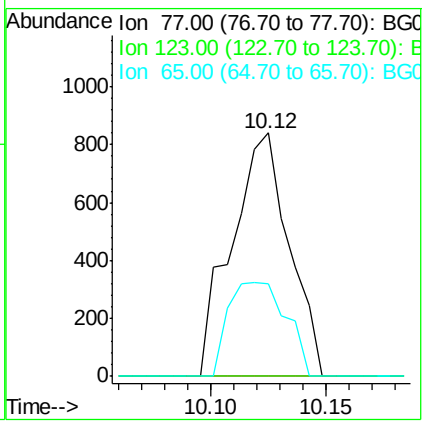


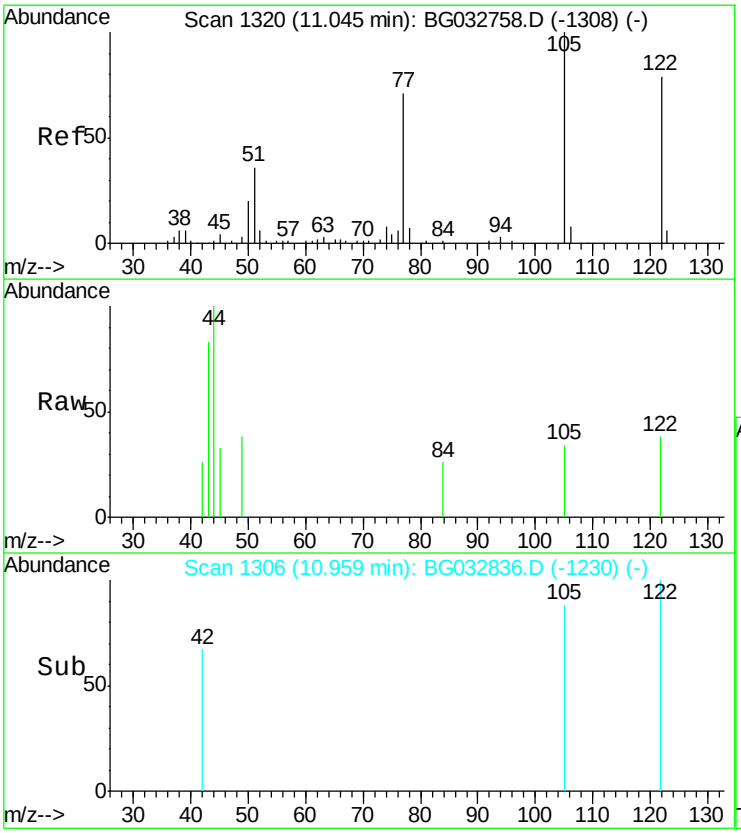
#24
Nitrobenzene
Concen: 6.64 ng
RT: 10.12 min Scan# 1164
Delta R.T. -0.04 min
Lab File: BG032836.D
Acq: 27 Feb 2018 00:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 1453

Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.0	49.6#
65	38.0	13.0	19.6#

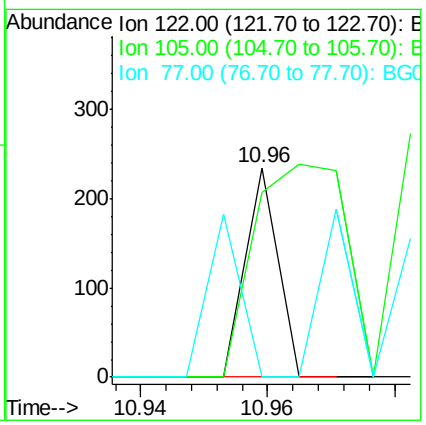


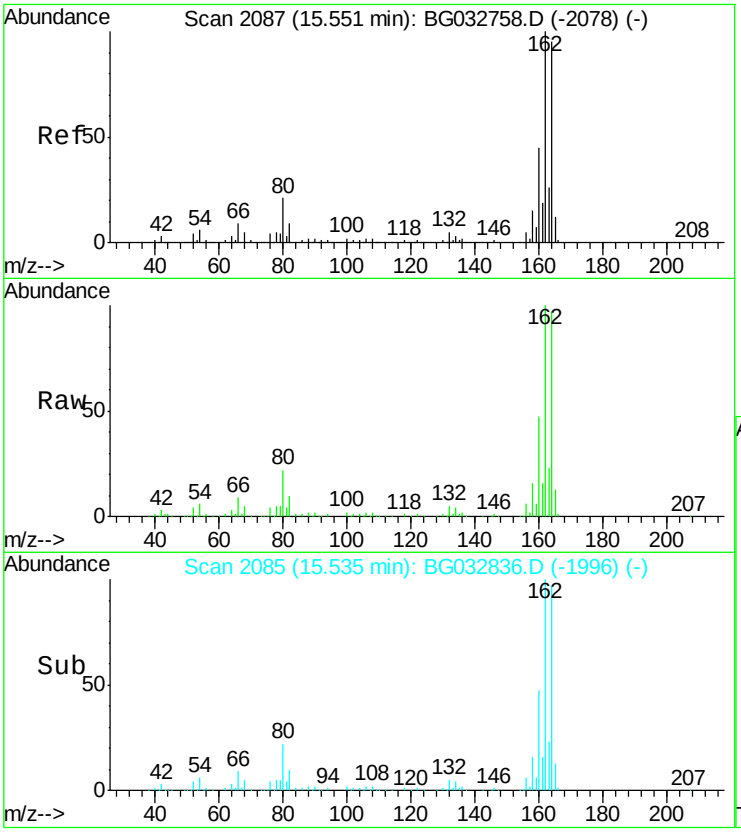


#32
Benzoic acid
Concen: 5.85 ng
RT: 10.96 min Scan# 1306
Delta R.T. -0.08 min
Lab File: BG032836.D
Acq: 27 Feb 2018 00:41

Tgt Ion:122 Resp: 83

Ion	Ratio	Lower	Upper
122	100		
105	88.1	123.5	163.5#
77	0.0	85.7	125.7#



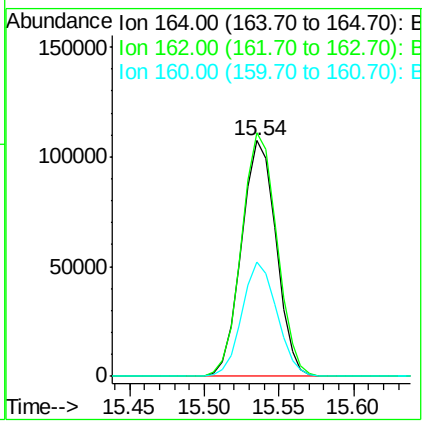


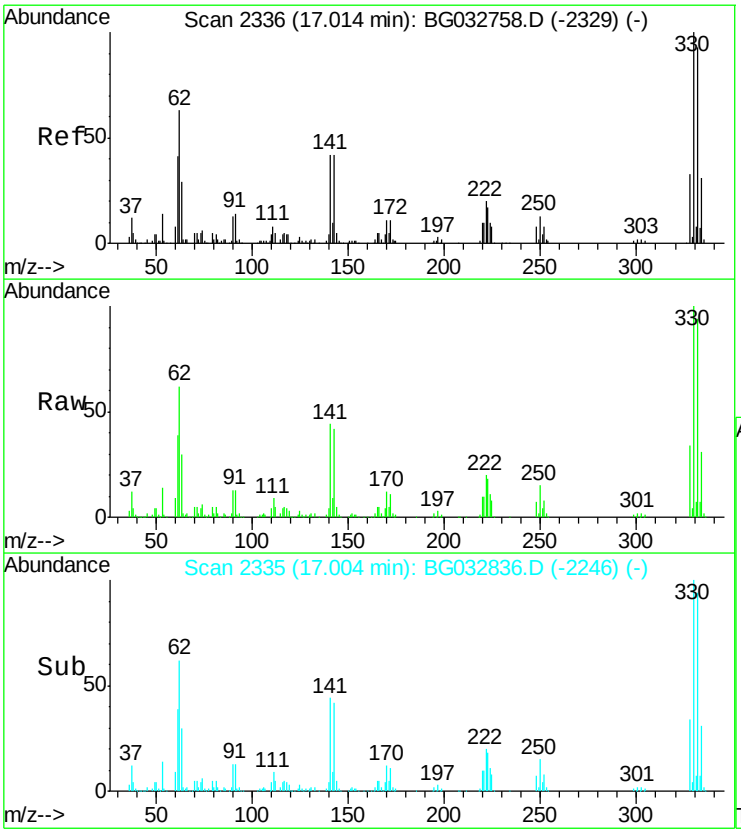
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.54 min Scan# 2085
Delta R.T. -0.01 min
Lab File: BG032836.D
Acq: 27 Feb 2018 00:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 172416

Ion	Ratio	Lower	Upper
164	100		
162	103.4	78.8	118.2
160	48.4	35.4	53.0

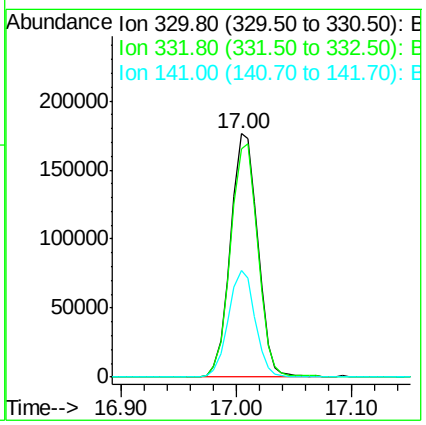


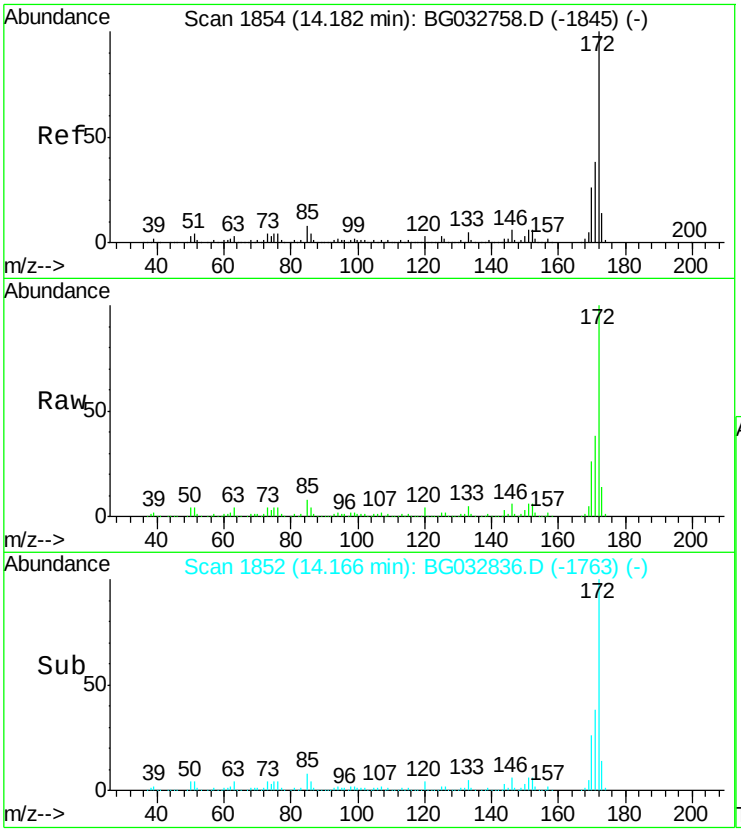


#41
2,4,6-Tribromophenol
Concen: 159.35 ng
RT: 17.00 min Scan# 2335
Delta R.T. -0.01 min
Lab File: BG032836.D
Acq: 27 Feb 2018 00:41

Tgt Ion:330 Resp: 288889

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	43.3	25.2	37.8#



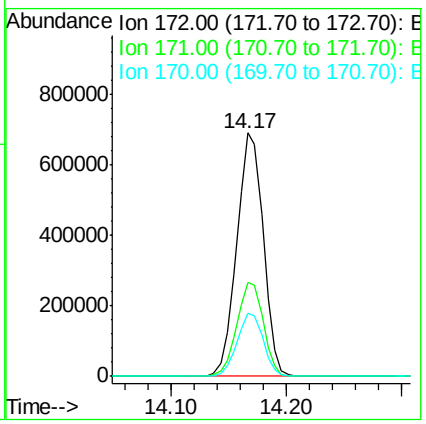


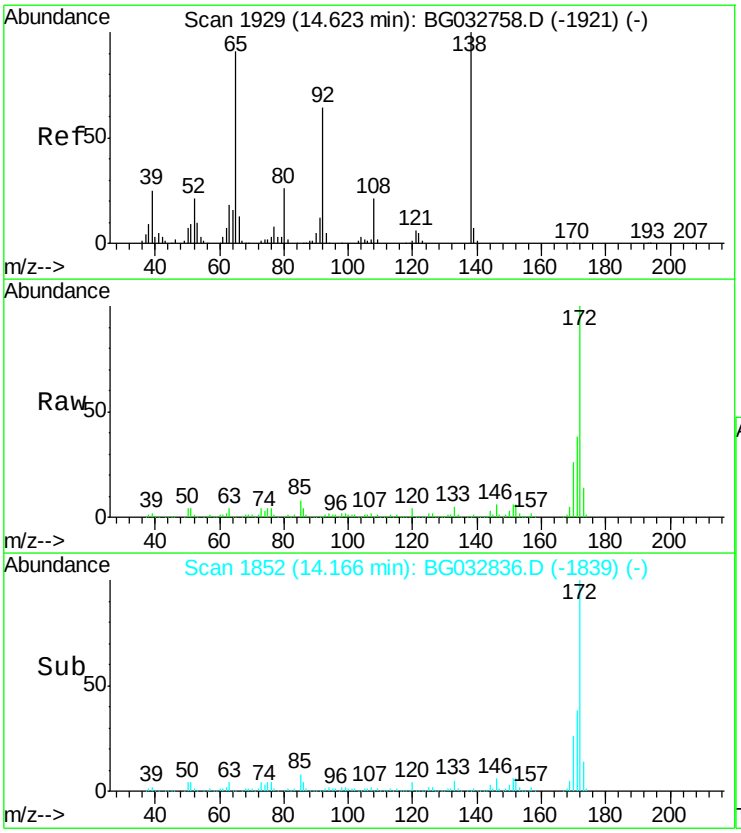
#44
2-Fluorobiphenyl
Concen: 91.89 ng
RT: 14.17 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BG032836.D
Acq: 27 Feb 2018 00:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 1098560

Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.0	45.0
170	25.8	19.5	29.3

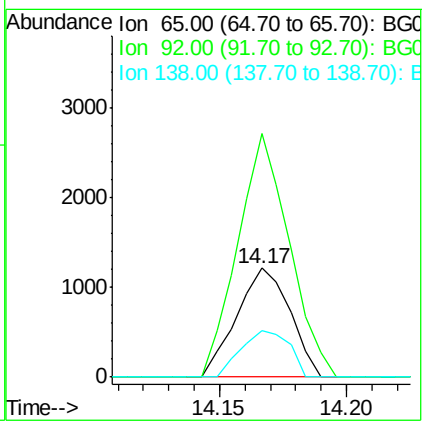


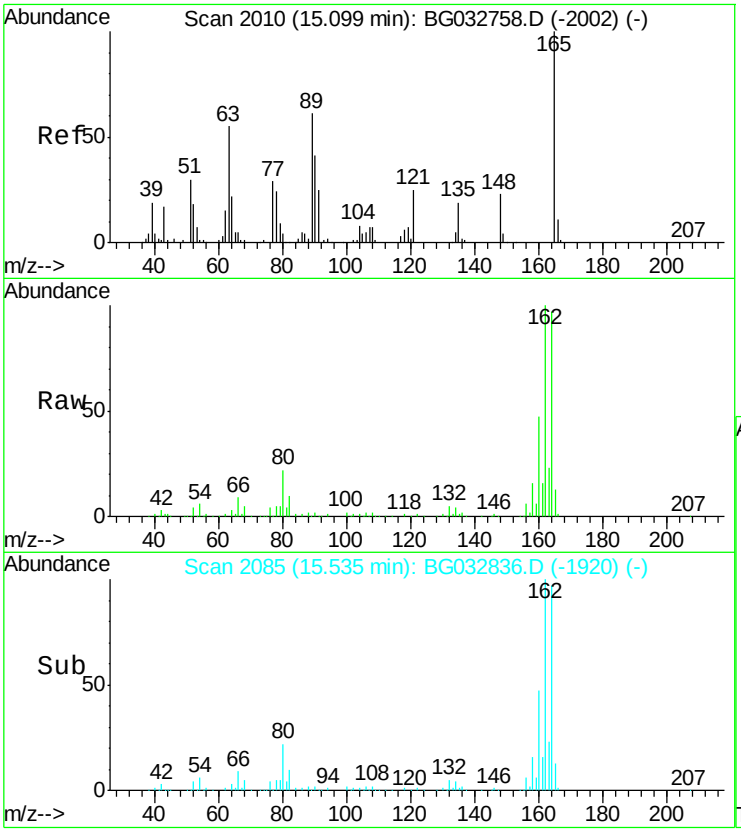


#47
2-Nitroaniline
Concen: 10.33 ng
RT: 14.17 min Scan# 1852
Delta R.T. -0.45 min
Lab File: BG032836.D
Acq: 27 Feb 2018 00:41

Tgt Ion: 65 Resp: 1775

Ion	Ratio	Lower	Upper
65	100		
92	224.0	54.6	82.0#
138	43.0	72.9	109.3#



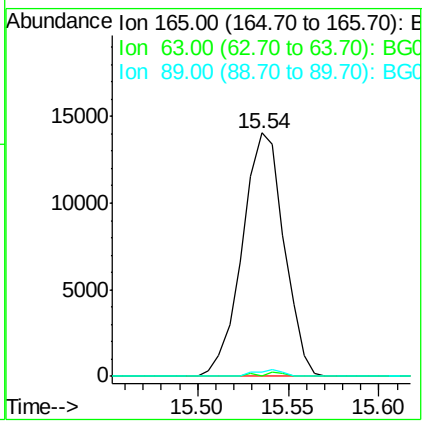


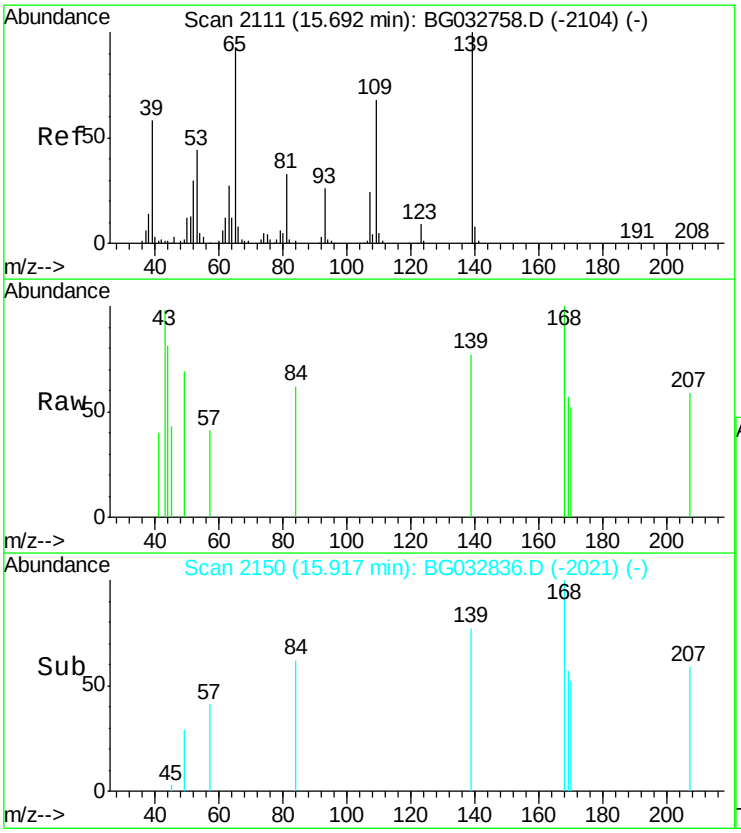
#50
2,6-Dinitrotoluene
Concen: 16.45 ng
RT: 15.54 min Scan# 2085
Delta R.T. 0.44 min
Lab File: BG032836.D
Acq: 27 Feb 2018 00:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 22463

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

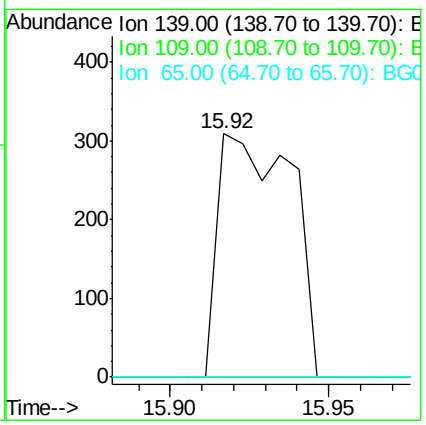


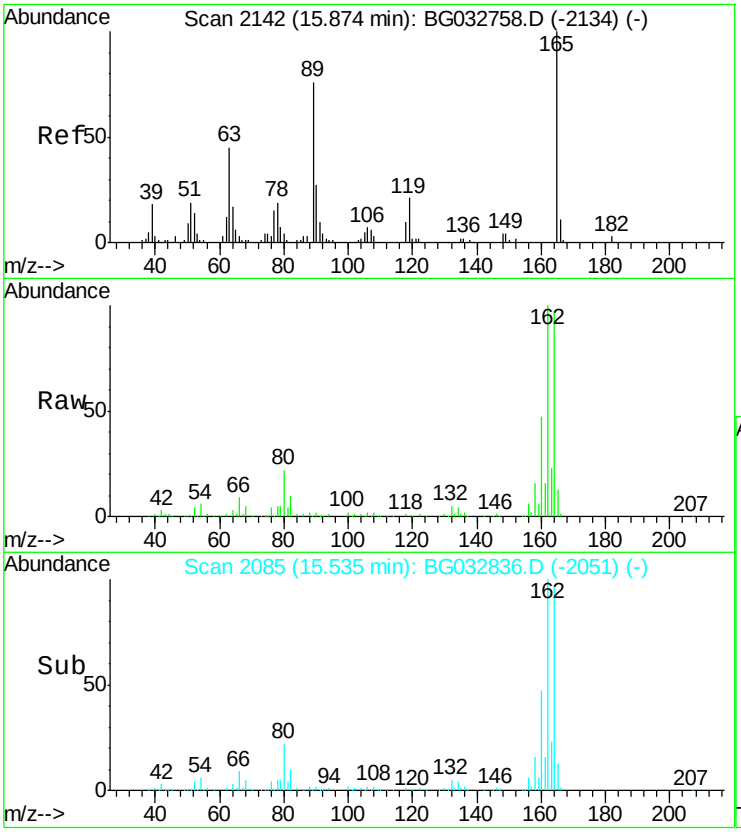


#55
4-Nitrophenol
Concen: 7.27 ng
RT: 15.92 min Scan# 2150
Delta R.T. 0.23 min
Lab File: BG032836.D
Acq: 27 Feb 2018 00:41

Tgt Ion:139 Resp: 494

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



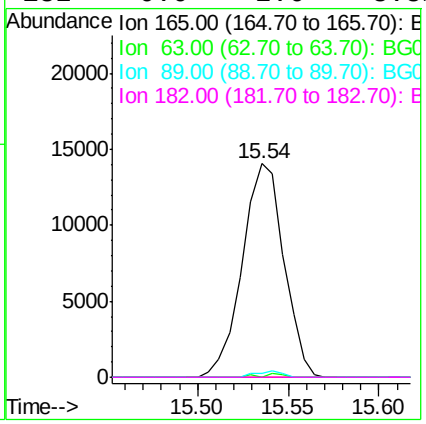


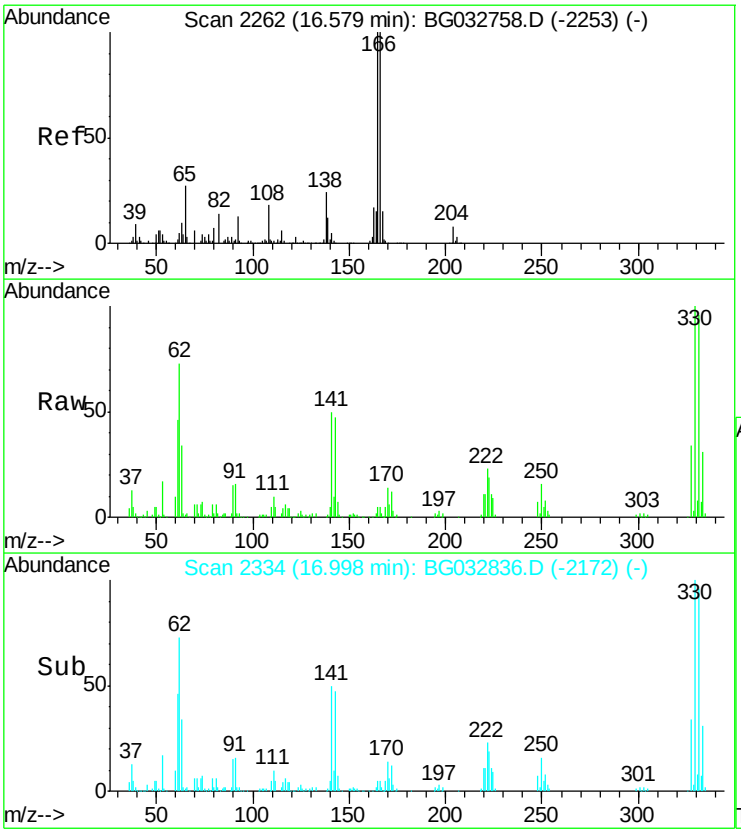
#56
2,4-Dinitrotoluene
Concen: 14.65 ng
RT: 15.54 min Scan# 2085
Delta R.T. -0.33 min
Lab File: BG032836.D
Acq: 27 Feb 2018 00:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 22463

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

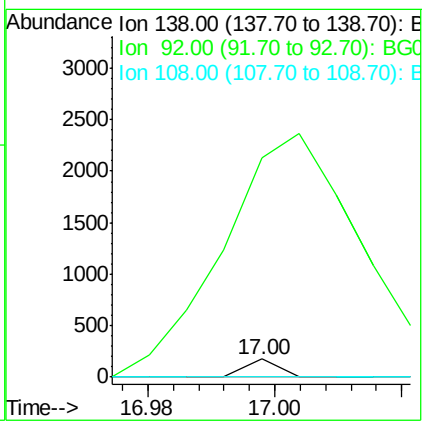


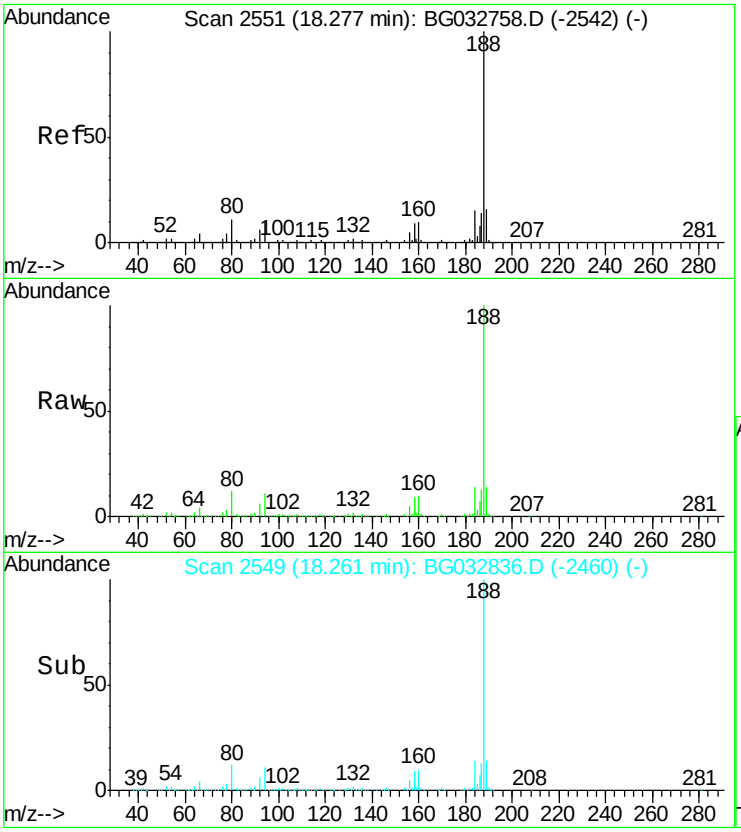


#61
4-Nitroaniline
Concen: 5.32 ng
RT: 17.00 min Scan# 2334
Delta R.T. 0.42 min
Lab File: BG032836.D
Acq: 27 Feb 2018 00:41

Tgt Ion:138 Resp: 62

Ion	Ratio	Lower	Upper
138	100		
92	1219.4	40.1	80.1#
108	0.0	65.4	105.4#



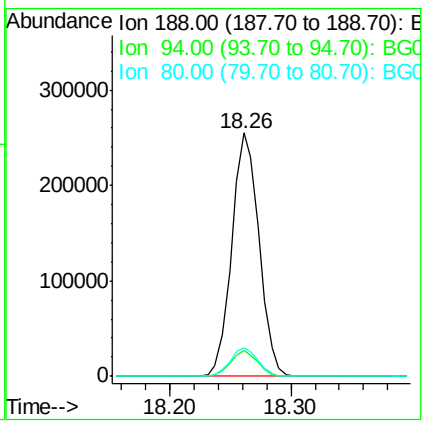


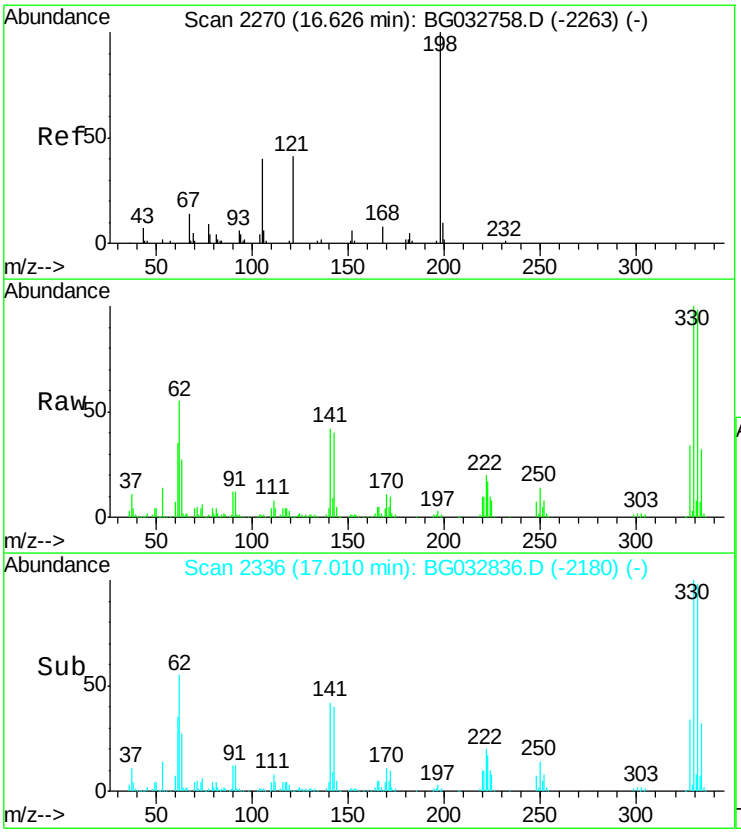
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.26 min Scan# 2549
Delta R.T. -0.01 min
Lab File: BG032836.D
Acq: 27 Feb 2018 00:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 399823

Ion	Ratio	Lower	Upper
188	100		
94	10.7	6.9	10.3#
80	11.5	7.7	11.5

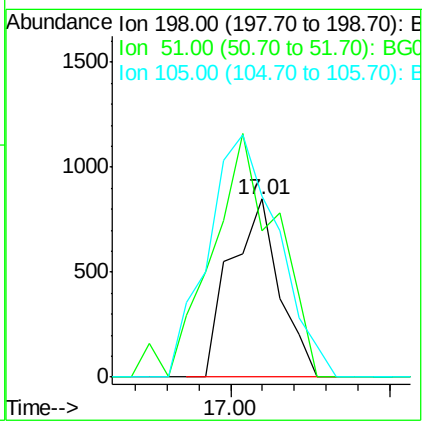


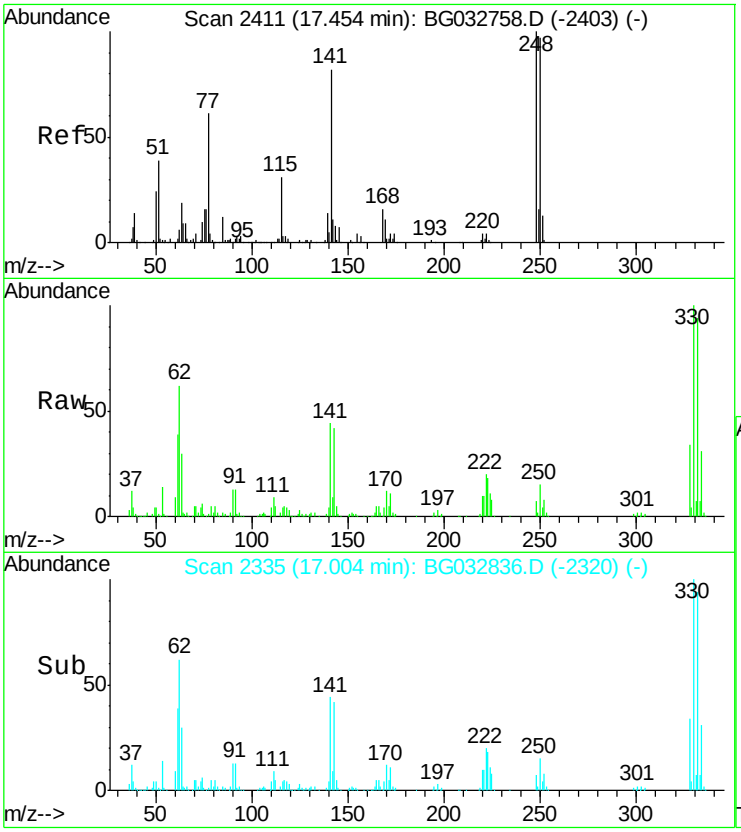


#64
4,6-Dinitro-2-methylphenol
Concen: 5.91 ng
RT: 17.01 min Scan# 2336
Delta R.T. 0.39 min
Lab File: BG032836.D
Acq: 27 Feb 2018 00:41

Tgt Ion:198 Resp: 905

Ion	Ratio	Lower	Upper
198	100		
51	82.4	30.6	70.6#
105	101.6	23.8	63.8#



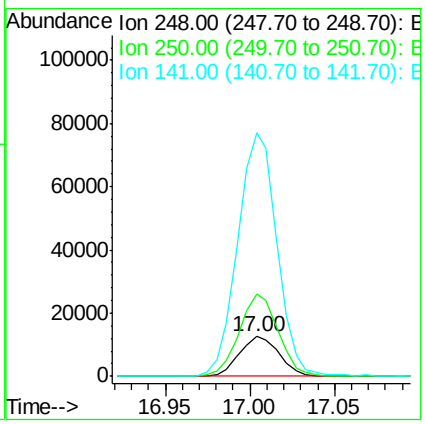


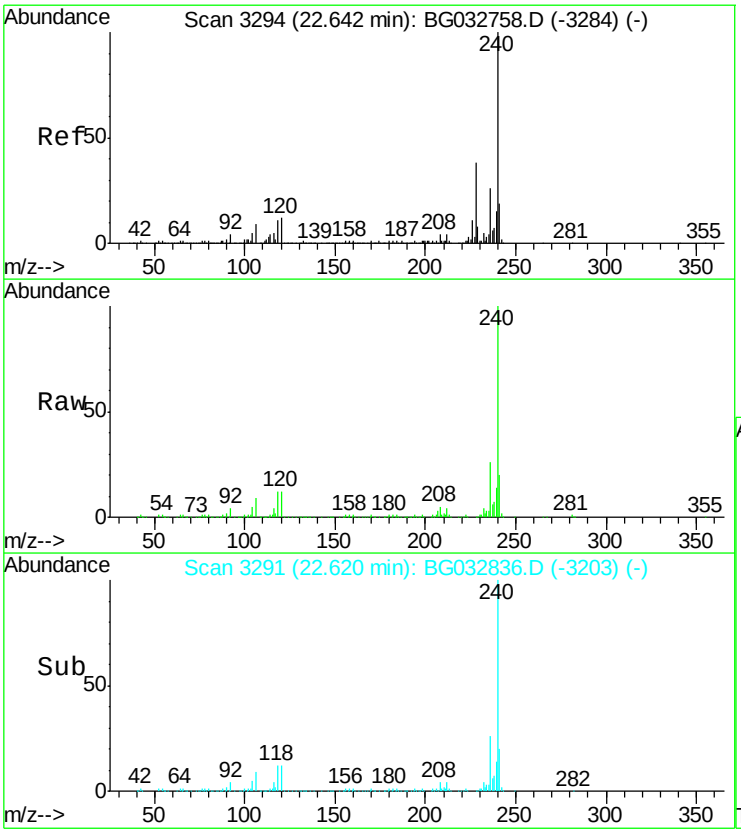
#66
4-Bromophenyl-phenylether
Concen: 4.83 ng
RT: 17.00 min Scan# 2335
Delta R.T. -0.44 min
Lab File: BG032836.D
Acq: 27 Feb 2018 00:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 20411

Ion	Ratio	Lower	Upper
248	100		
250	206.2	77.1	115.7#
141	612.9	50.8	76.2#

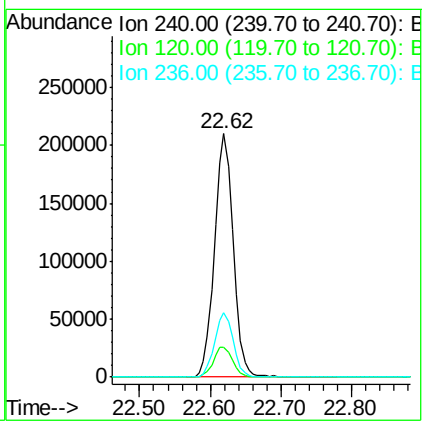


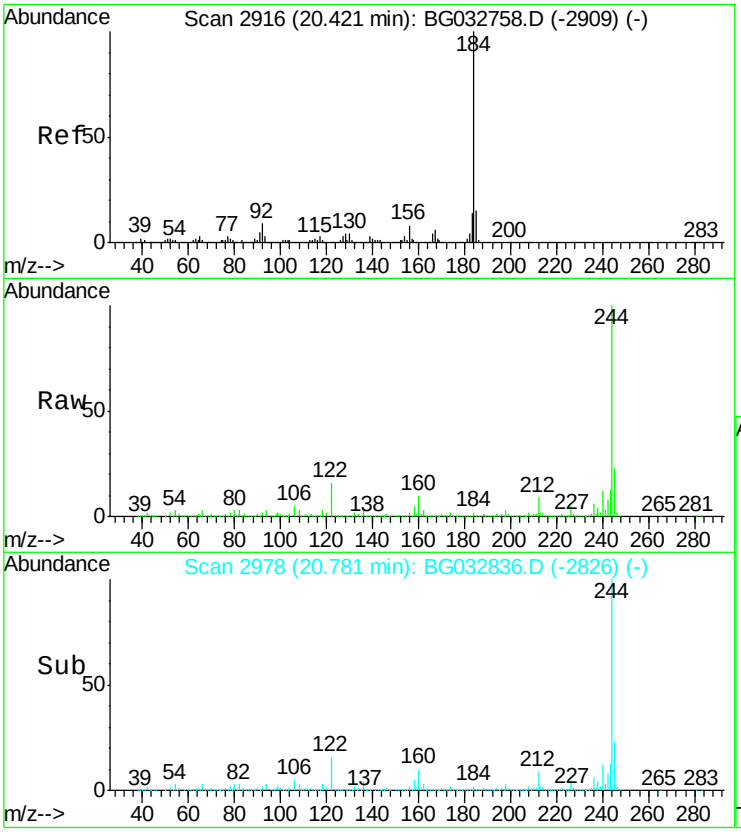


#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.62 min Scan# 3291
Delta R.T. -0.01 min
Lab File: BG032836.D
Acq: 27 Feb 2018 00:41

Tgt Ion:240 Resp: 387381

Ion	Ratio	Lower	Upper
240	100		
120	12.4	6.8	10.2#
236	26.5	20.9	31.3



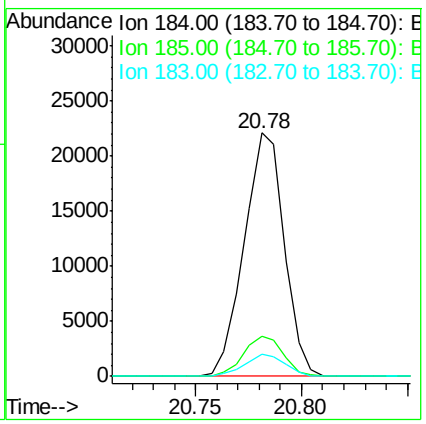


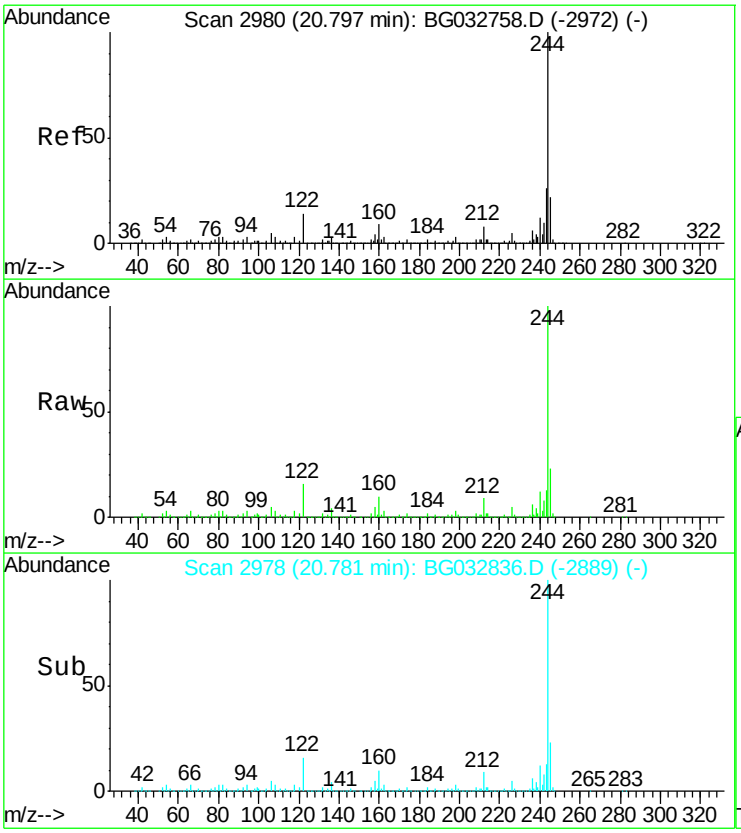
#76
Benzidine
Concen: 2.20 ng
RT: 20.78 min Scan# 2978
Delta R.T. 0.36 min
Lab File: BG032836.D
Acq: 27 Feb 2018 00:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 29105

Ion	Ratio	Lower	Upper
184	100		
185	16.6	11.1	16.7
183	9.1	10.6	16.0#

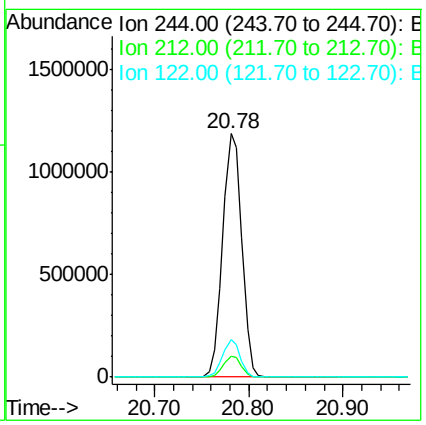


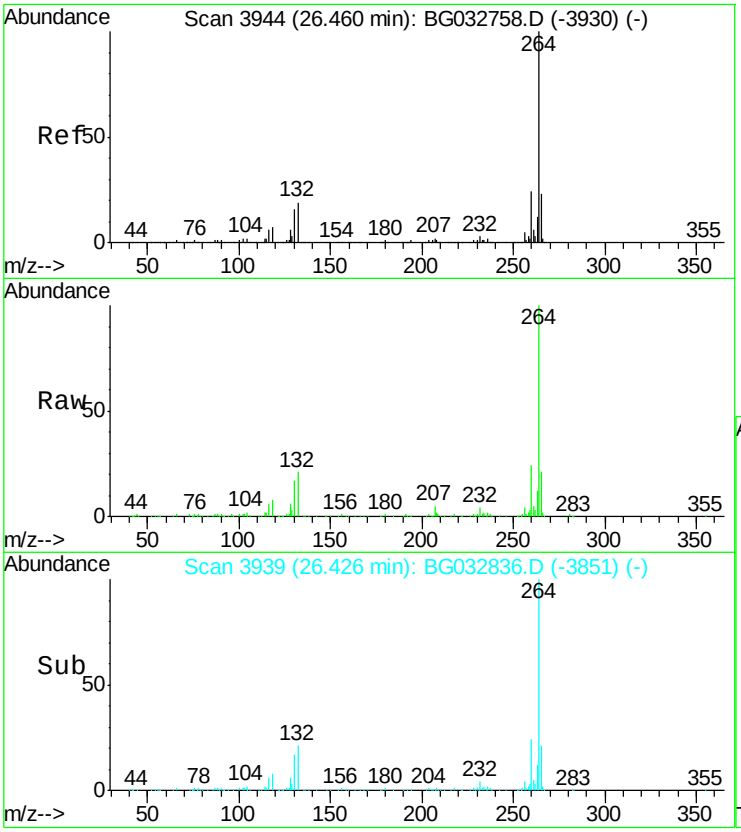


#78
Terphenyl-d14
Concen: 97.73 ng
RT: 20.78 min Scan# 2978
Delta R.T. -0.01 min
Lab File: BG032836.D
Acq: 27 Feb 2018 00:41

Tgt Ion:244 Resp: 1685007

Ion	Ratio	Lower	Upper
244	100		
212	8.8	5.8	8.8#
122	15.5	7.0	10.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 26.43 min Scan# 3939
Delta R.T. -0.01 min
Lab File: BG032836.D
Acq: 27 Feb 2018 00:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 395128

Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.4	26.0
265	21.2	17.7	26.5