Quantitation Report   (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG030218\
Data File : BG032969.D
Acq On   : 3 Mar 2018   6:43
Operator : SJ/JU
Sample   : J1779-03
Misc   :
ALS Vial : 22   Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Mar 05 01:34:45 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	66664	20.00	ng	0.00
21) Naphthalene-d8	11.80	136	290951	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	163405	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	354026	20.00	ng	0.00
75) Chrysene-d12	22.61	240	338609	20.00	ng	0.00
86) Perylene-d12	26.42	264	312522	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.33	112	594613	142.70	ng	0.00
7) Phenol-d6	8.01	99	733814	126.34	ng	0.00
23) Nitrobenzene-d5	10.11	82	521950	119.89	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	268256	156.13	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	1104919	97.52	ng	0.00
78) Terphenyl-d14	20.78	244	1545364	102.54	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units		Qvalue
19) n-Nitroso-di-n-propylamine	10.11	70	68030	16.591	ng	#	83
24) Nitrobenzene	10.11	77	1593	6.678	ng	#	48
31) Naphthalene	11.85	128	152300	10.018	ng		98
33) 4-Chloroaniline	11.85	127	20958	3.083	ng	#	36
37) 2-Methylnaphthalene	13.40	142	112012	10.184	ng		92
47) 2-Nitroaniline	14.57	65	64	9.855	ng	#	9
50) 2,6-Dinitrotoluene	15.53	165	24611	17.628	ng	#	21
52) 3-Nitroaniline	15.48	138	55	7.560	ng	#	1
55) 4-Nitrophenol	15.65	139	125	7.131	ng	#	1
56) 2,4-Dinitrotoluene	16.15	165	783	7.096	ng	#	16
61) 4-Nitroaniline	16.54	138	349	5.403	ng		96
64) 4,6-Dinitro-2-methylphenol	17.00	198	759	5.859	ng	#	1
66) 4-Bromophenyl-phenylether	17.00	248	20062	5.359	ng	#	1
76) Benzidine	20.78	184	27945	2.421	ng	#	90

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

Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG030218\
Data File : BG032969.D
Acq On : 3 Mar 2018 6:43
Operator : SJ/JU
Sample : J1779-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Mar 05 01:34:45 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
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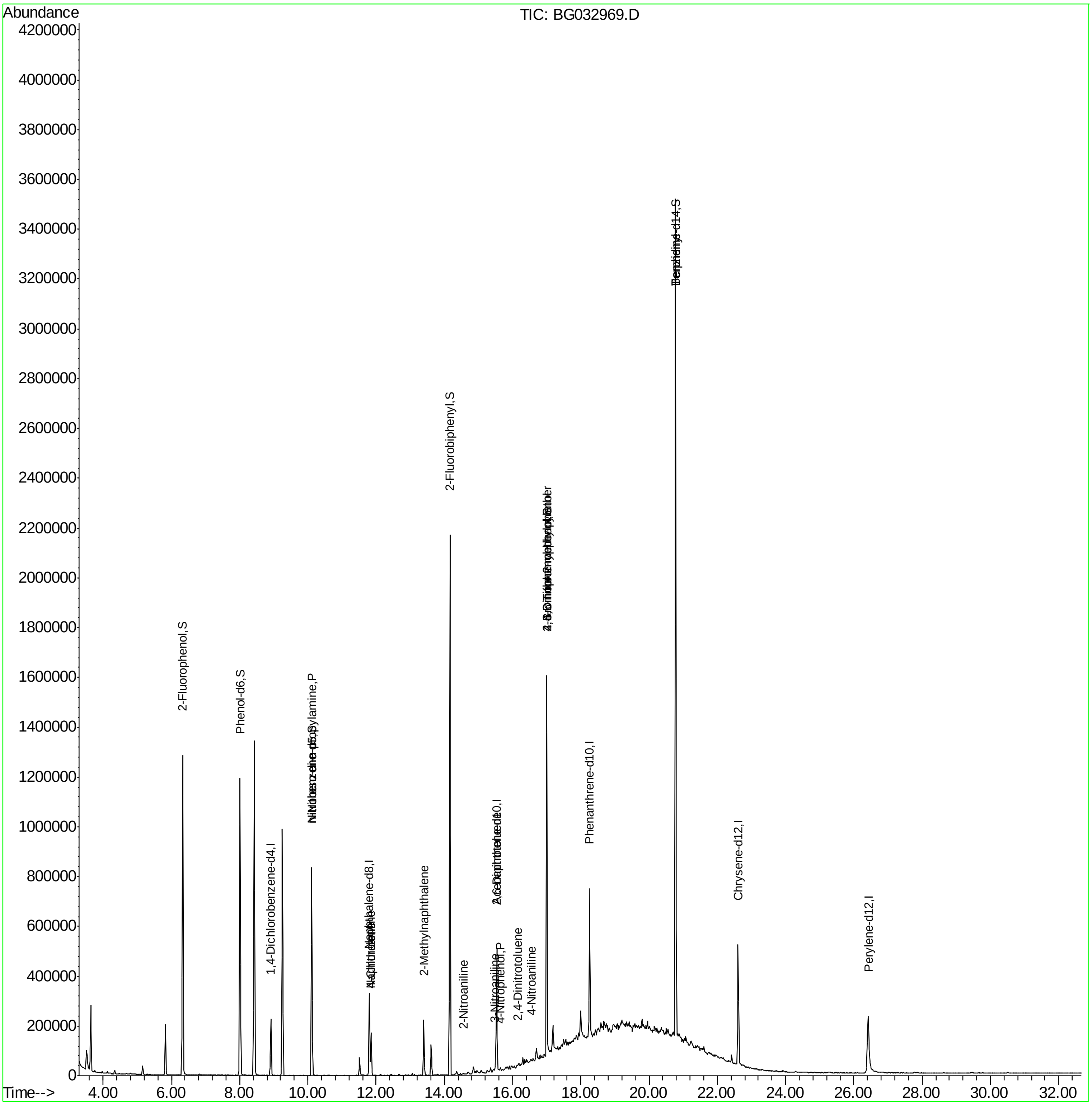
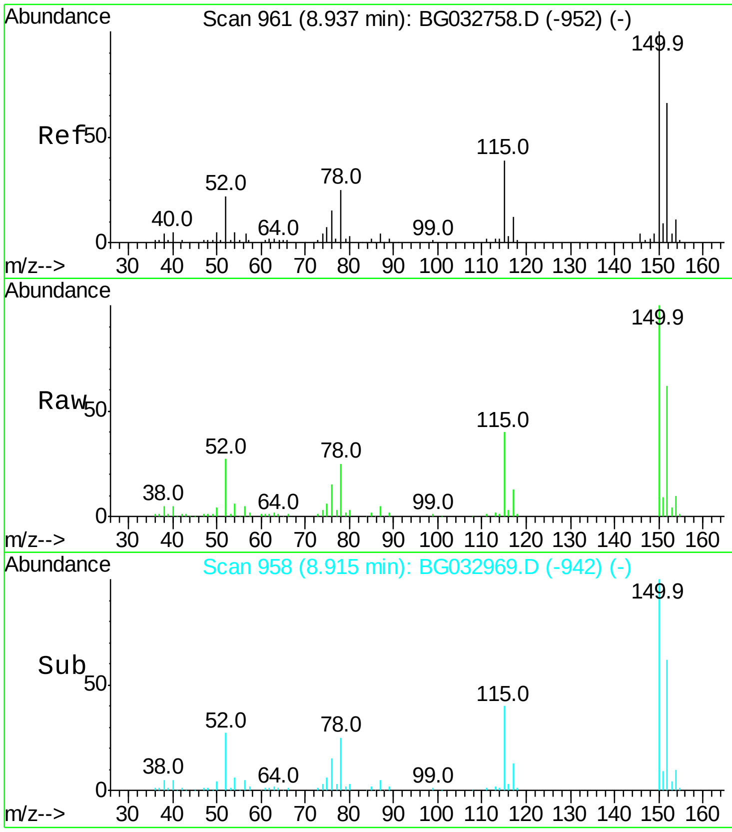
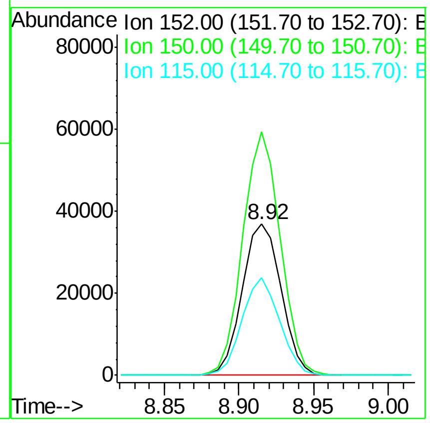


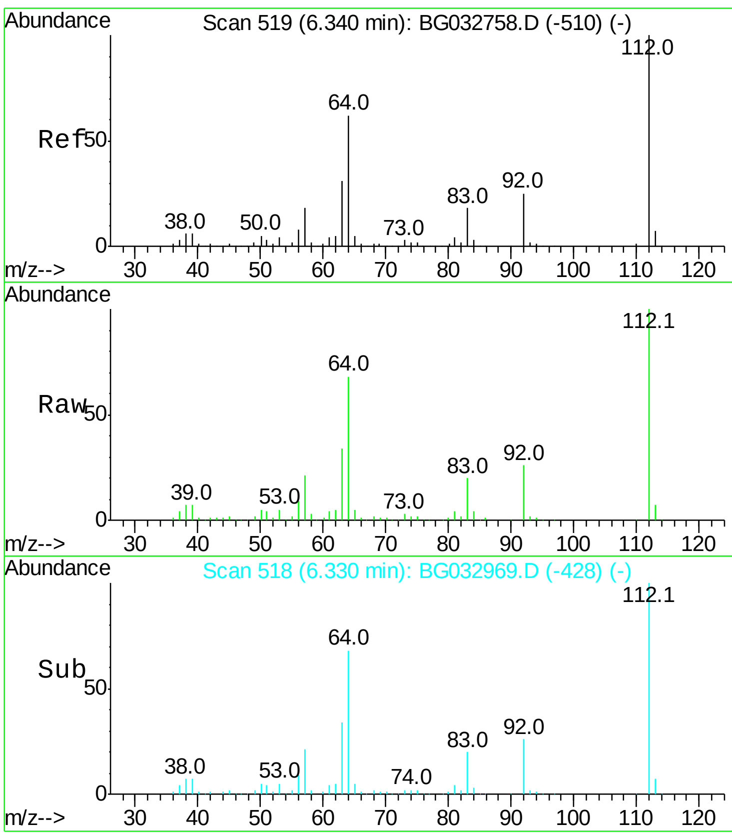


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 958
Delta R.T. -0.01 min
Lab File: BG032969.D
Acq: 3 Mar 2018 6:43

Instrument :
BNA_G
ClientSampleId :

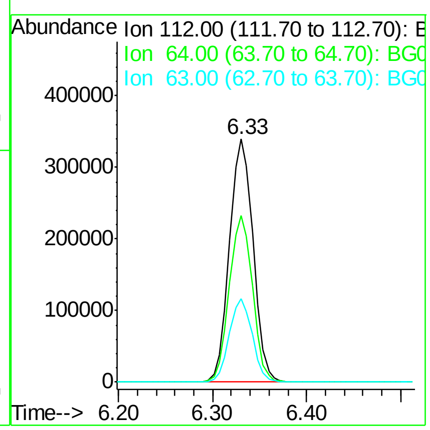
Tgt Ion:152	Resp:	66664	
Ion	Ratio	Lower	Upper
152	100		
150	161.3	126.6	189.8
115	64.9	53.0	79.4





#5
2-Fluorophenol
Concen: 142.700 ng
RT: 6.33 min Scan# 518
Delta R.T. 0.00 min
Lab File: BG032969.D
Acq: 3 Mar 2018 6:43

Tgt Ion:112	Resp:	594613	
Ion	Ratio	Lower	Upper
112	100		
64	68.5	56.3	84.5
63	34.4	30.1	45.1

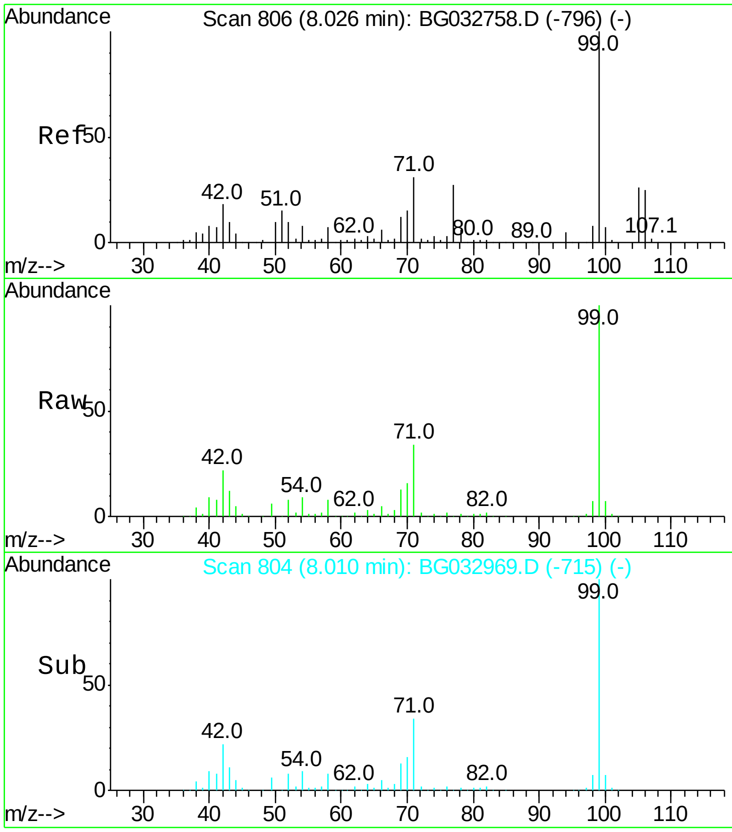


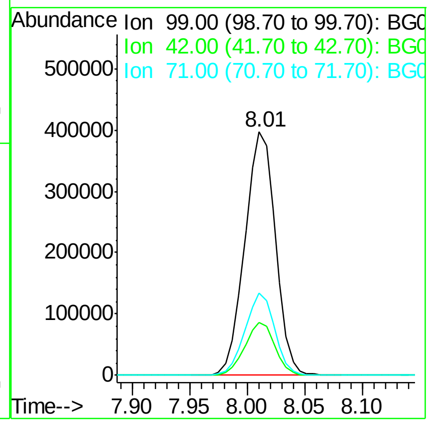
#7
Phenol-d6
Concen: 126.344 ng
RT: 8.01 min   Scan# 804
Delta R.T.   -0.01 min
Lab File: BG032969.D
Acq: 3 Mar 2018   6:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 733814

Ion	Ratio	Lower	Upper
99	100		
42	21.5	14.1	21.1#
71	33.9	26.1	39.1

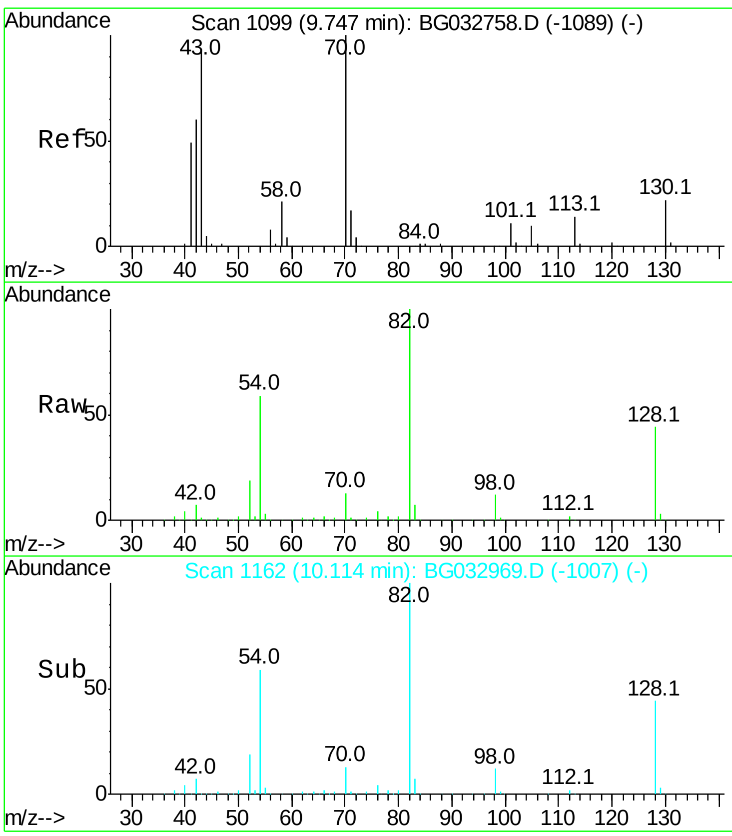


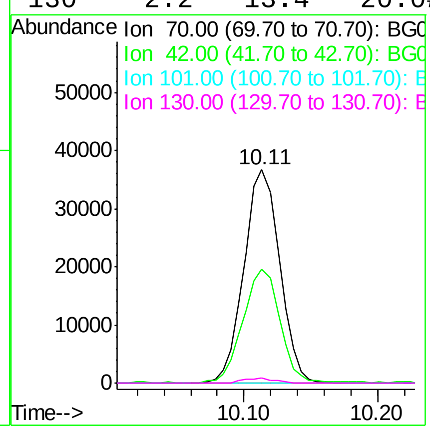


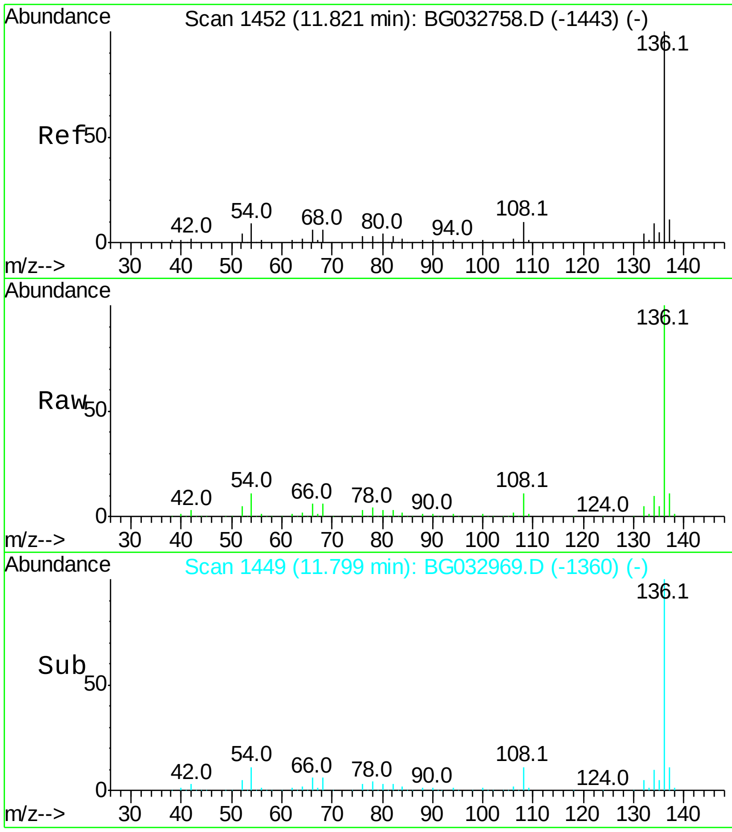
#19
n-Nitroso-di-n-propylamine
Concen: 16.591 ng
RT: 10.11 min   Scan# 1162
Delta R.T.   0.38 min
Lab File: BG032969.D
Acq: 3 Mar 2018   6:43

Tgt Ion: 70 Resp: 68030

Ion	Ratio	Lower	Upper
70	100		
42	53.2	49.1	73.7
101	0.0	8.5	12.7#
130	2.2	13.4	20.0#





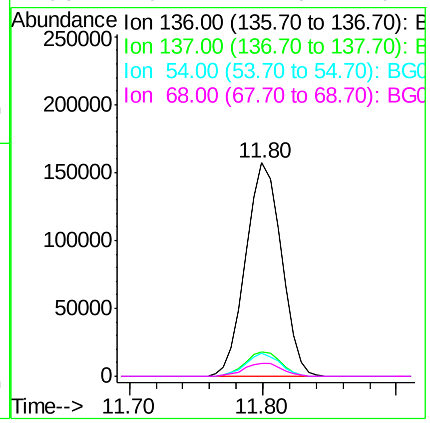


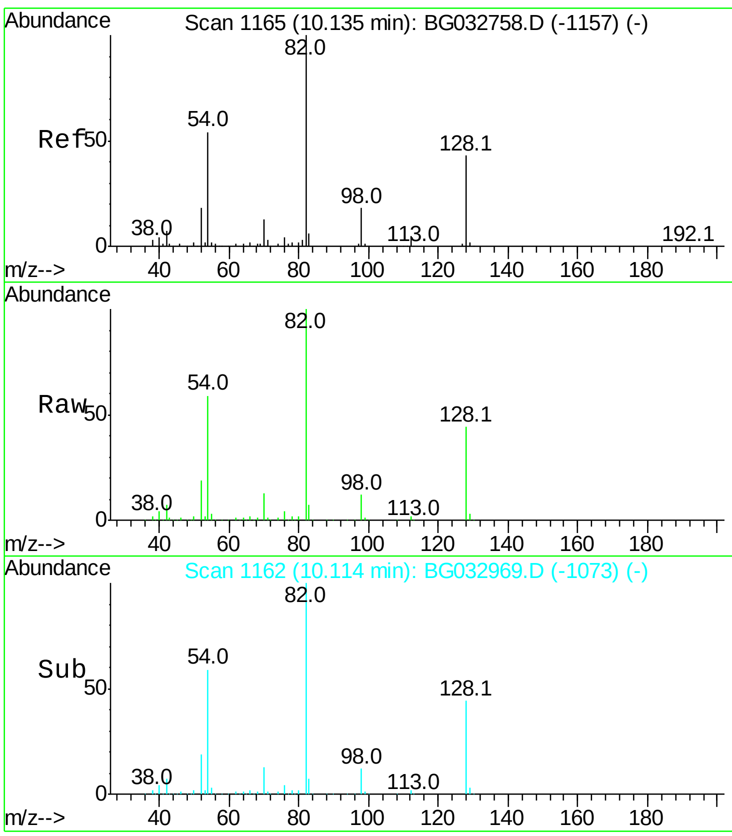
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.80 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BG032969.D
Acq: 3 Mar 2018 6:43

Instrument : BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 290951

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	10.7	10.3	15.5
68	6.2	4.5	6.7

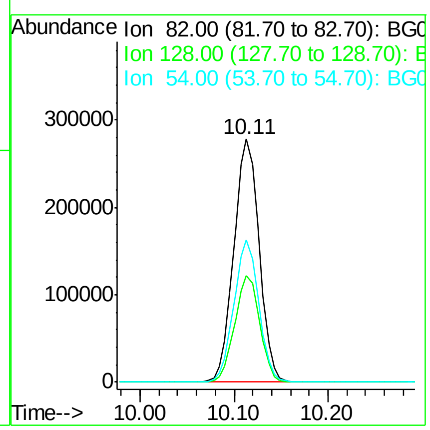


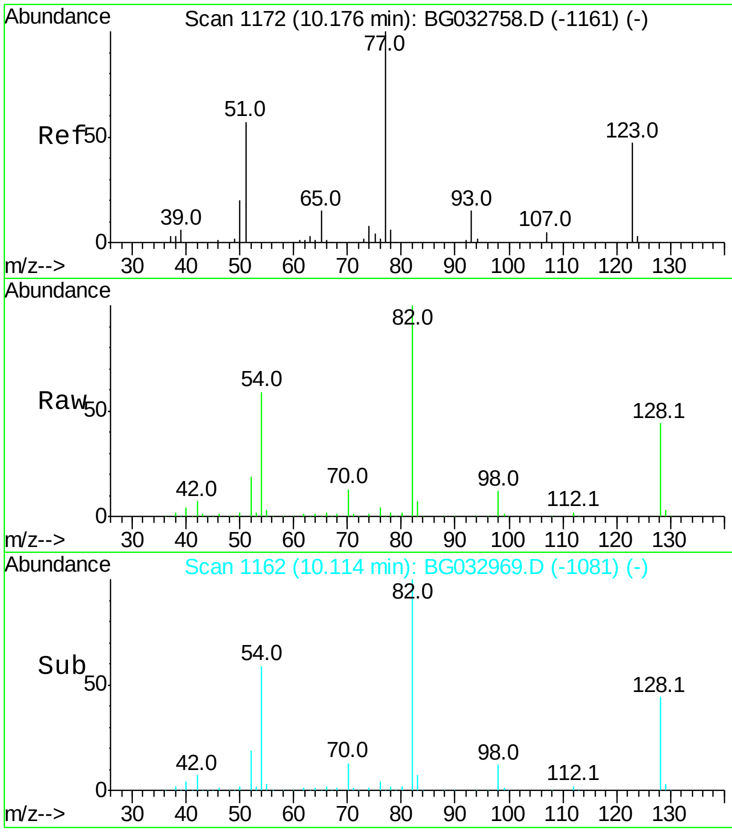


#23
Nitrobenzene-d5
Concen: 119.886 ng
RT: 10.11 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BG032969.D
Acq: 3 Mar 2018 6:43

Tgt Ion: 82 Resp: 521950

Ion	Ratio	Lower	Upper
82	100		
128	43.6	29.7	44.5
54	58.6	43.1	64.7



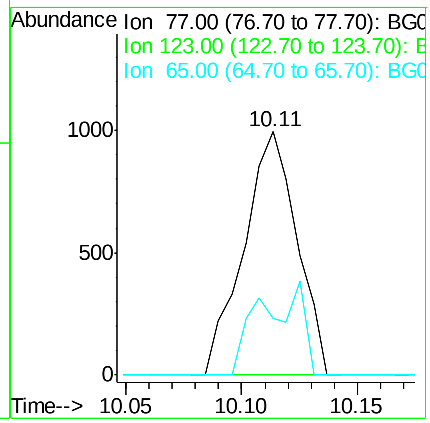


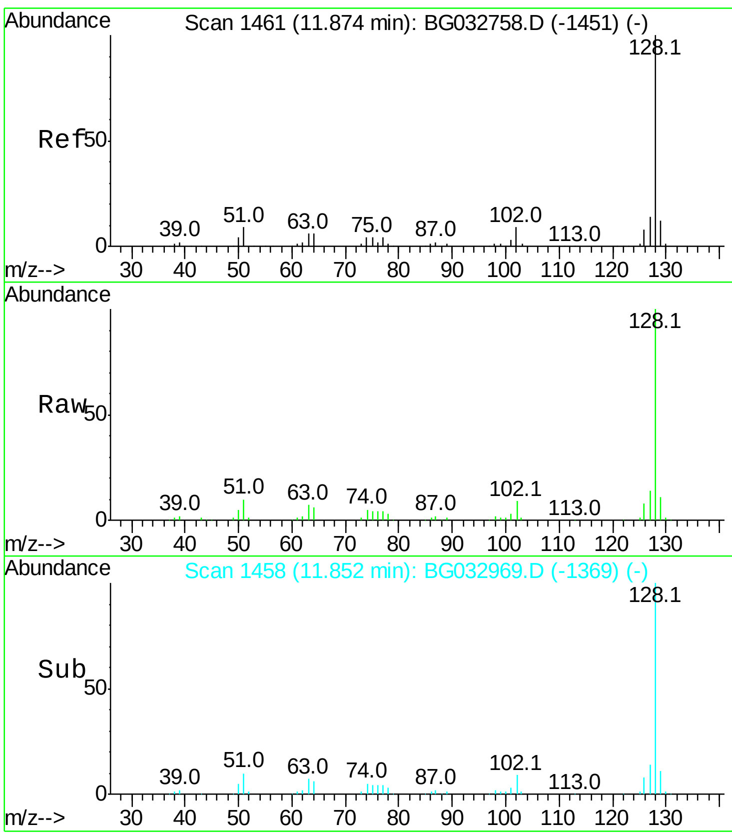
#24
Nitrobenzene
Concen: 6.678 ng
RT: 10.11 min Scan# 1162
Delta R.T. -0.05 min
Lab File: BG032969.D
Acq: 3 Mar 2018 6:43

Instrument : BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 1593

Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.0	49.6#
65	23.1	13.0	19.6#

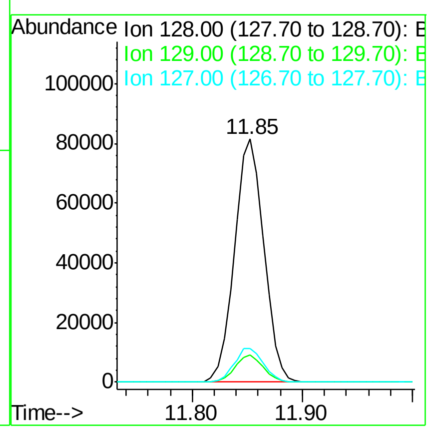




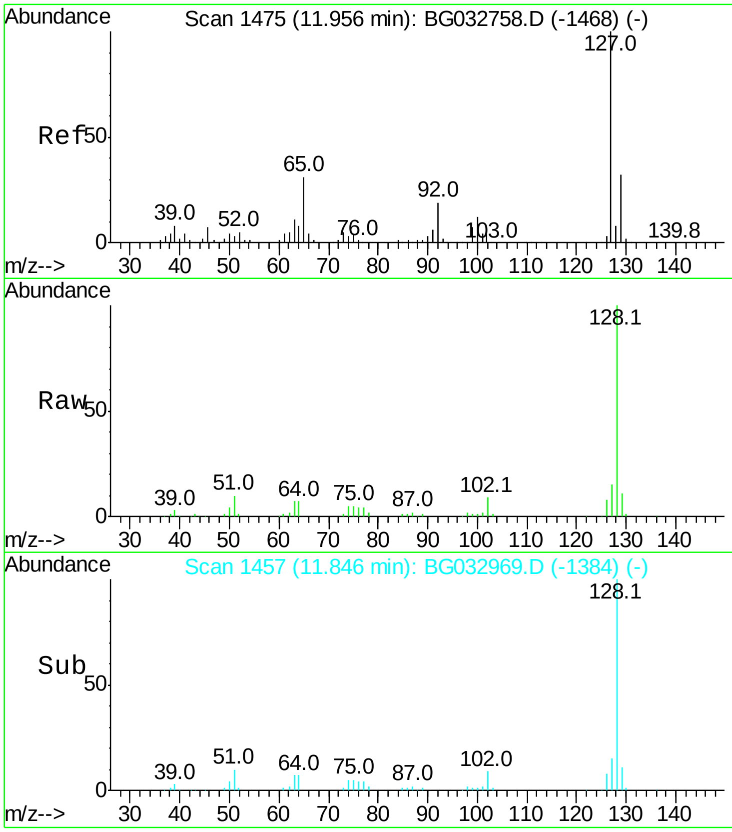
#31
Naphthalene
Concen: 10.018 ng
RT: 11.85 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BG032969.D
Acq: 3 Mar 2018 6:43

Tgt Ion:128 Resp: 152300

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.6	12.8
127	13.7	11.6	17.4



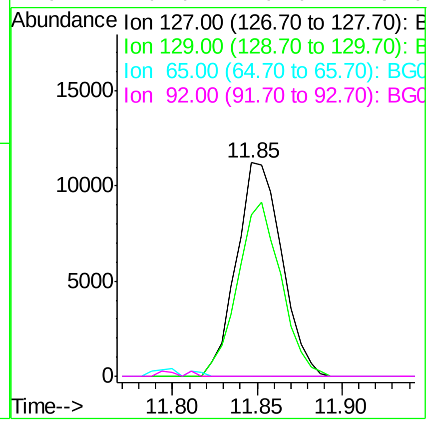
Instrument :
BNA_G
ClientSampleId :

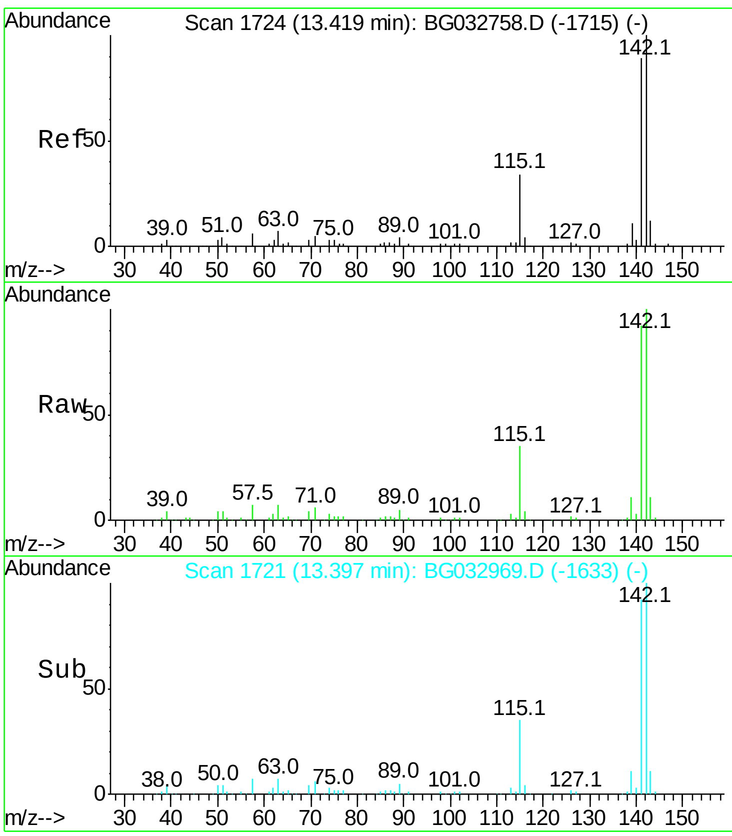


#33
4-Chloroaniline
Concen: 3.083 ng
RT: 11.85 min Scan# 1457
Delta R.T. -0.10 min
Lab File: BG032969.D
Acq: 3 Mar 2018 6:43

Tgt Ion:127 Resp: 20958

Ion	Ratio	Lower	Upper
127	100		
129	75.5	24.0	36.0#
65	0.0	27.0	40.4#
92	0.0	16.6	25.0#

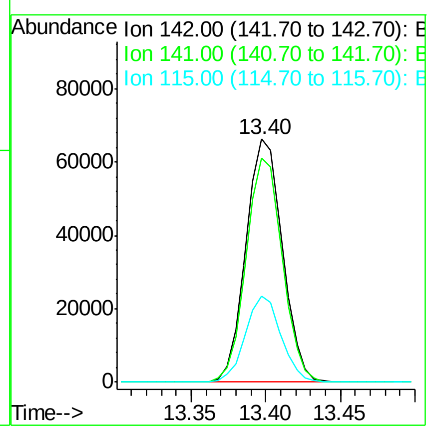


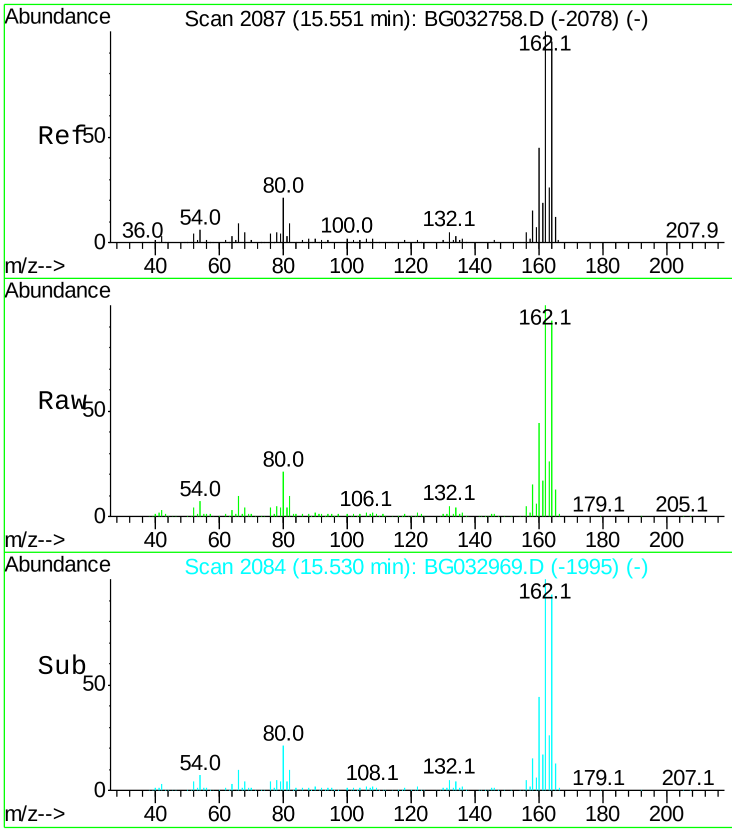


#37
2-Methylnaphthalene
Concen: 10.184 ng
RT: 13.40 min Scan# 1721
Delta R.T. -0.01 min
Lab File: BG032969.D
Acq: 3 Mar 2018 6:43

Tgt Ion:142 Resp: 112012

Ion	Ratio	Lower	Upper
142	100		
141	91.9	67.1	100.7
115	35.4	30.7	46.1



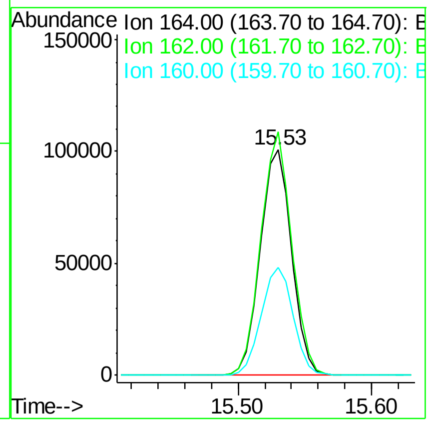


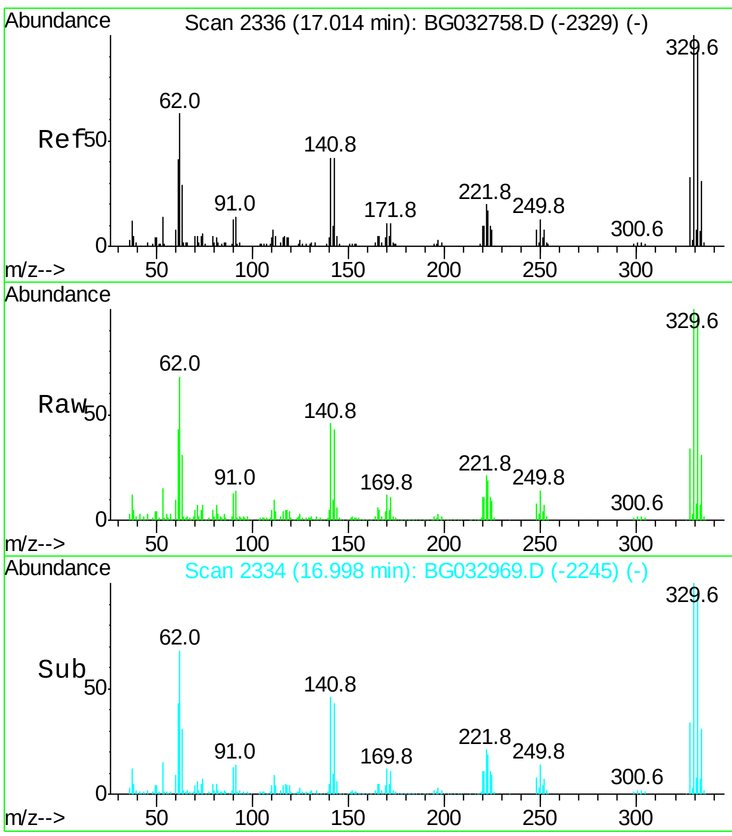
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.53 min Scan# 2084
Delta R.T. -0.01 min
Lab File: BG032969.D
Acq: 3 Mar 2018 6:43

Instrument : BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 163405

Ion	Ratio	Lower	Upper
164	100		
162	108.0	78.8	118.2
160	47.8	35.4	53.0

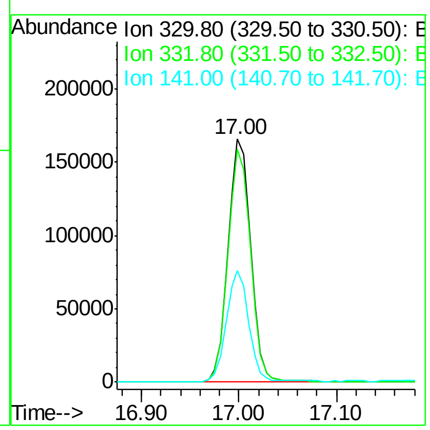


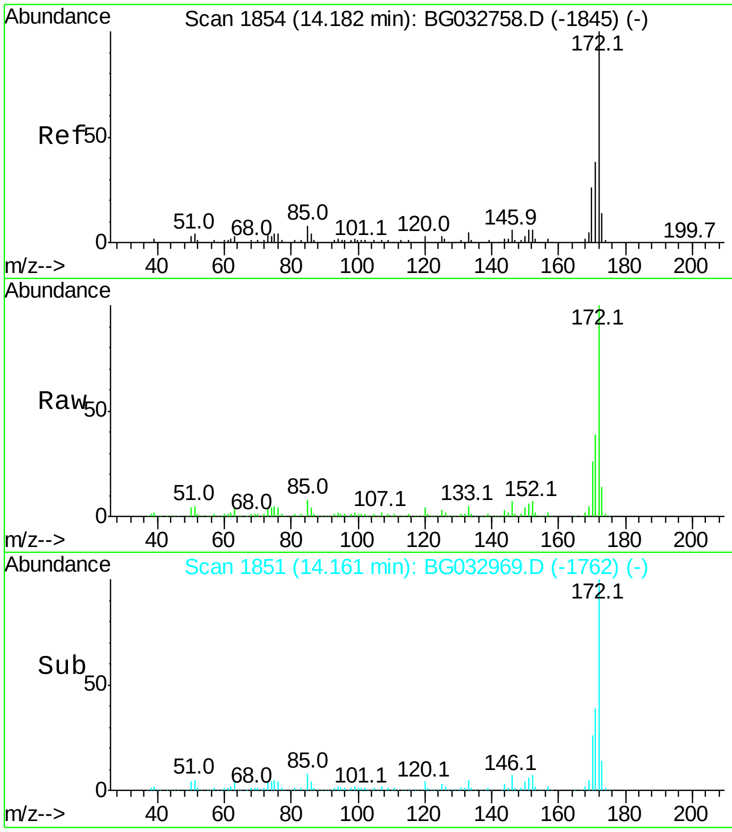


#41
2,4,6-Tribromophenol
Concen: 156.131 ng
RT: 17.00 min Scan# 2334
Delta R.T. -0.01 min
Lab File: BG032969.D
Acq: 3 Mar 2018 6:43

Tgt Ion:330 Resp: 268256

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	45.1	25.2	37.8#



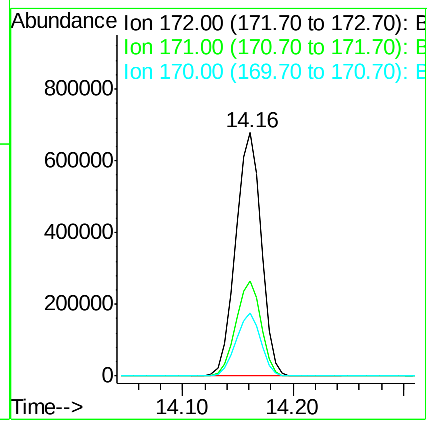


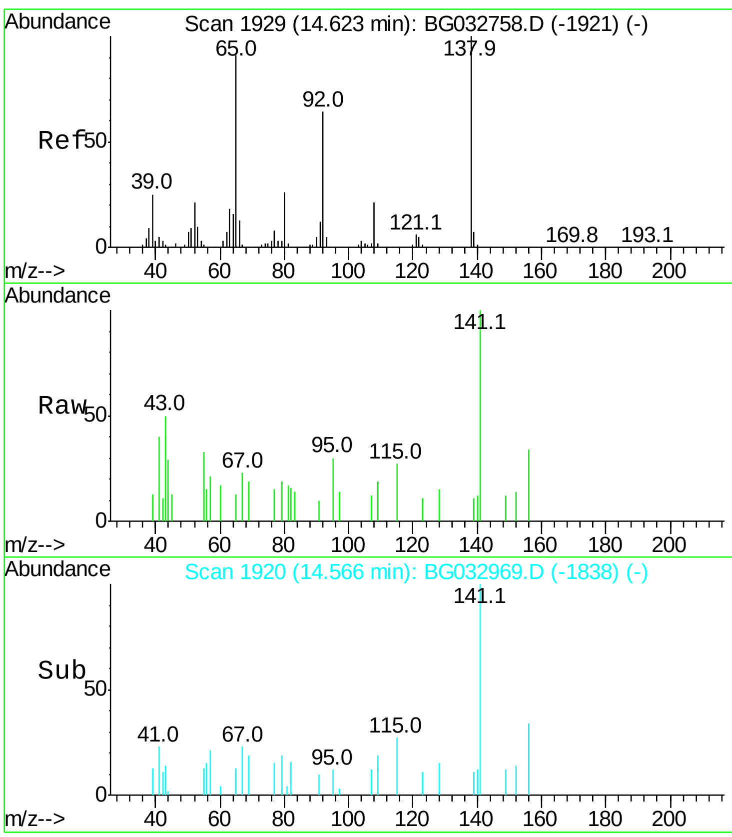
#44
2-Fluorobiphenyl
Concen: 97.523 ng
RT: 14.16 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BG032969.D
Acq: 3 Mar 2018 6:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 1104919

Ion	Ratio	Lower	Upper
172	100		
171	39.1	30.0	45.0
170	25.9	19.5	29.3

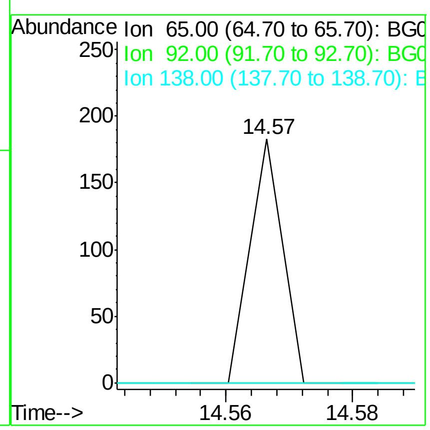




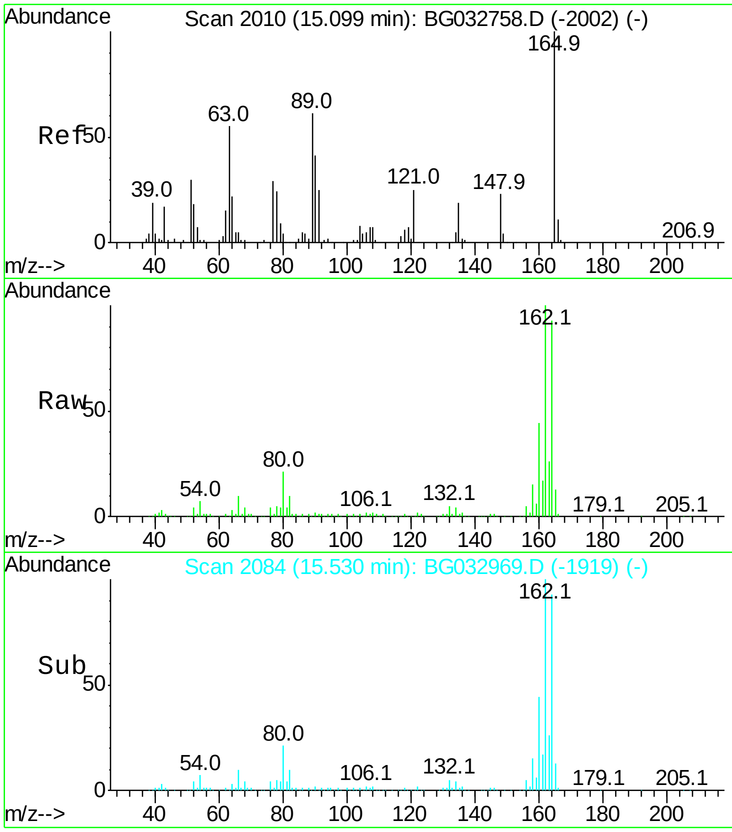
#47
2-Nitroaniline
Concen: 9.855 ng
RT: 14.57 min Scan# 1920
Delta R.T. -0.05 min
Lab File: BG032969.D
Acq: 3 Mar 2018 6:43

Tgt Ion: 65 Resp: 64

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



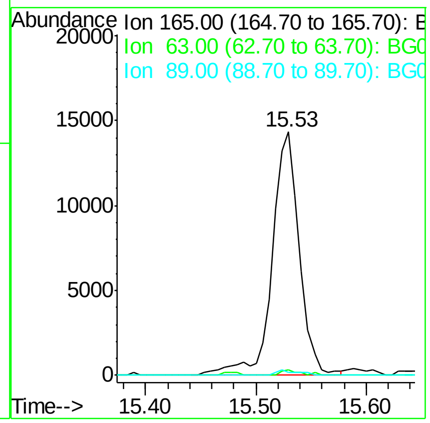
Instrument :
BNA_G
ClientSampleId :

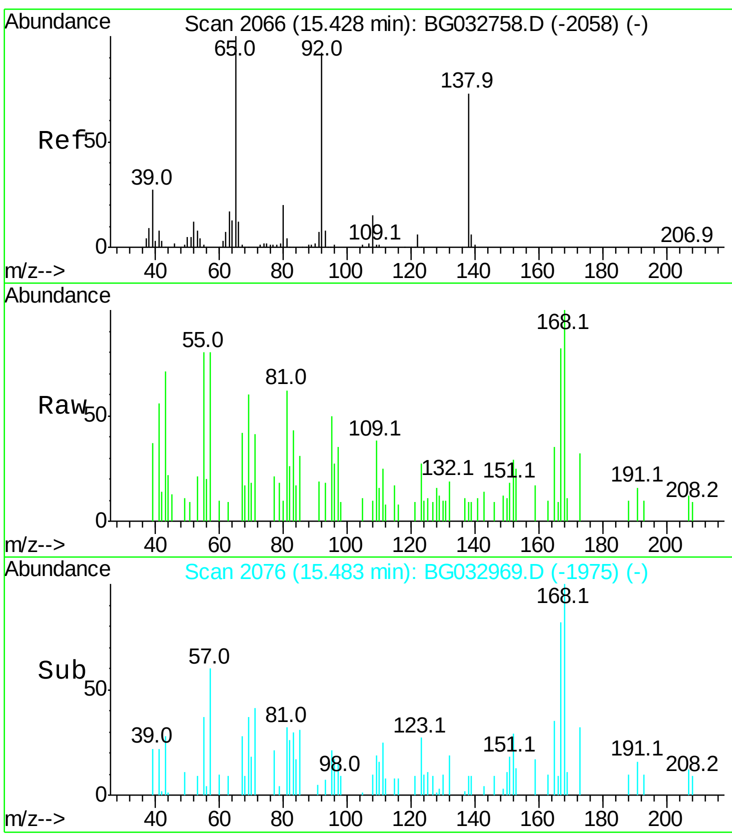


#50
2,6-Dinitrotoluene
Concen: 17.628 ng
RT: 15.53 min   Scan# 2084
Delta R.T.   0.44 min
Lab File: BG032969.D
Acq: 3 Mar 2018   6:43

Tgt Ion:165 Resp: 24611

Ion	Ratio	Lower	Upper
165	100		
63	2.2	52.7	79.1#
89	1.5	49.2	73.8#

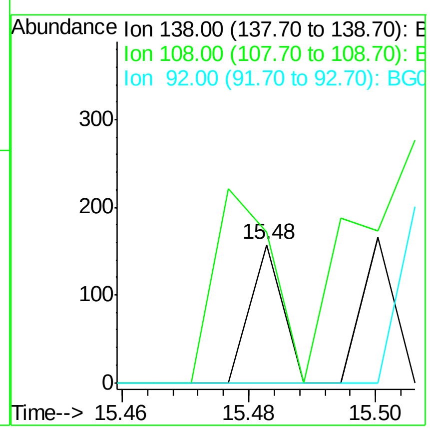


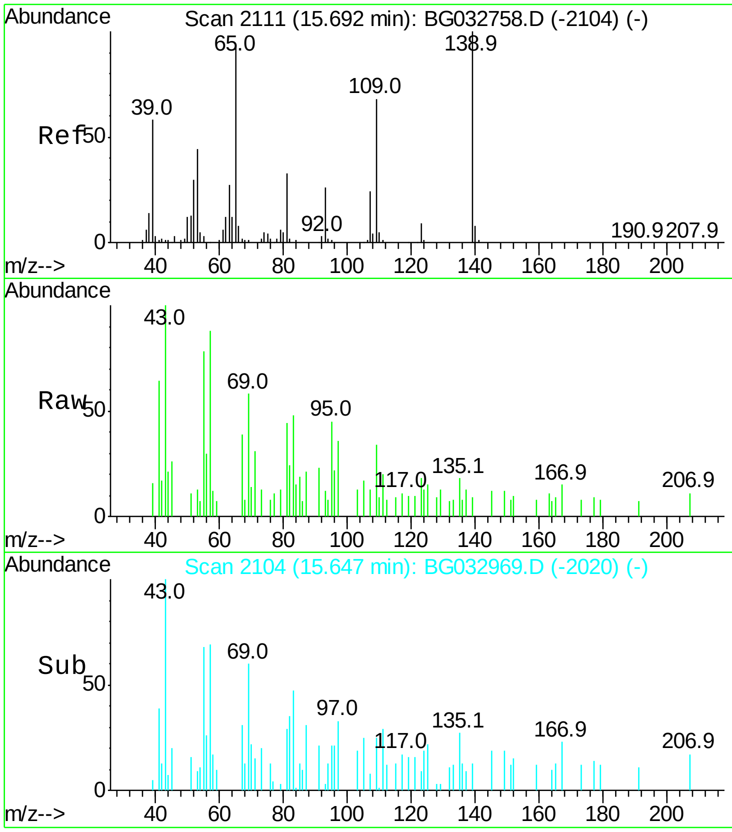


#52
3-Nitroaniline
Concen: 7.560 ng
RT: 15.48 min   Scan# 2076
Delta R.T.   0.06 min
Lab File: BG032969.D
Acq: 3 Mar 2018   6:43

Tgt Ion:138 Resp: 55

Ion	Ratio	Lower	Upper
138	100		
108	109.6	17.5	26.3#
92	0.0	105.8	158.8#



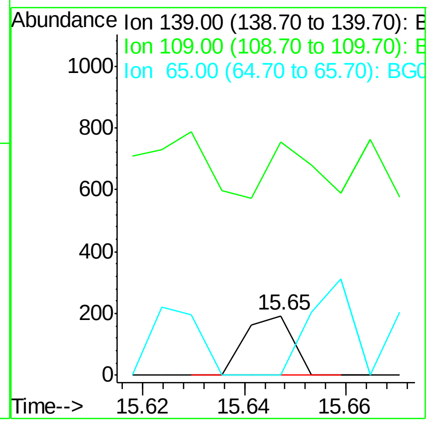


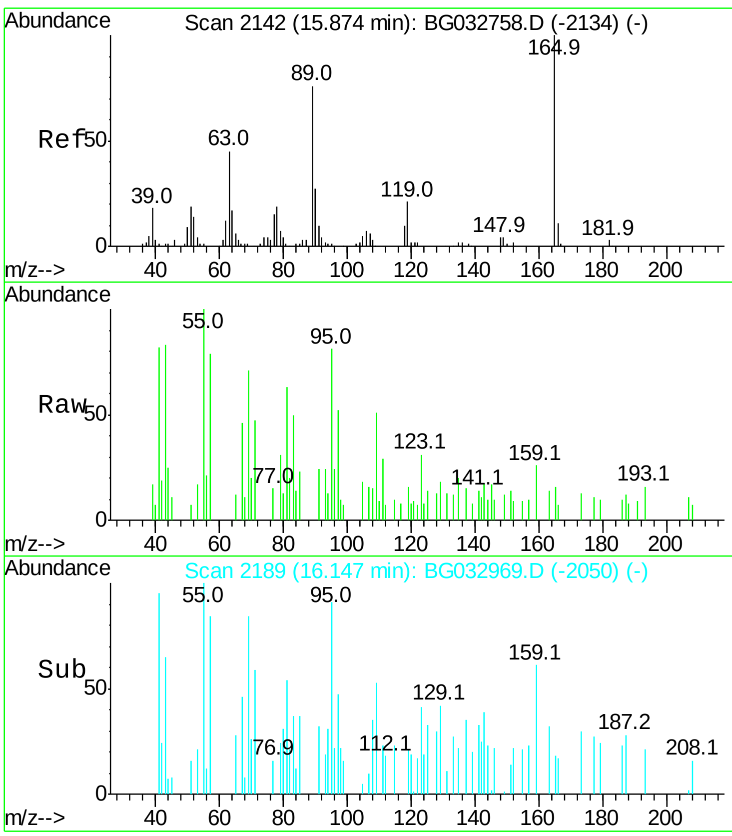
#55
4-Nitrophenol
Concen: 7.131 ng
RT: 15.65 min Scan# 2104
Delta R.T. -0.04 min
Lab File: BG032969.D
Acq: 3 Mar 2018 6:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:139 Resp: 125

Ion	Ratio	Lower	Upper
139	100		
109	390.7	62.2	102.2#
65	0.0	97.2	137.2#

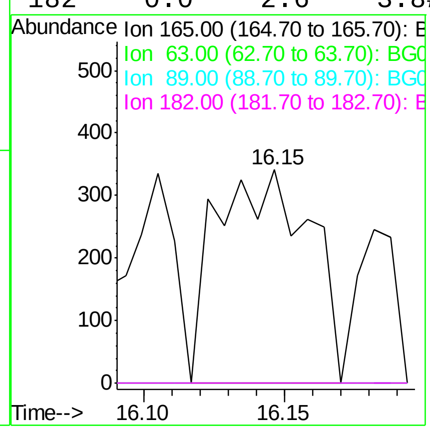


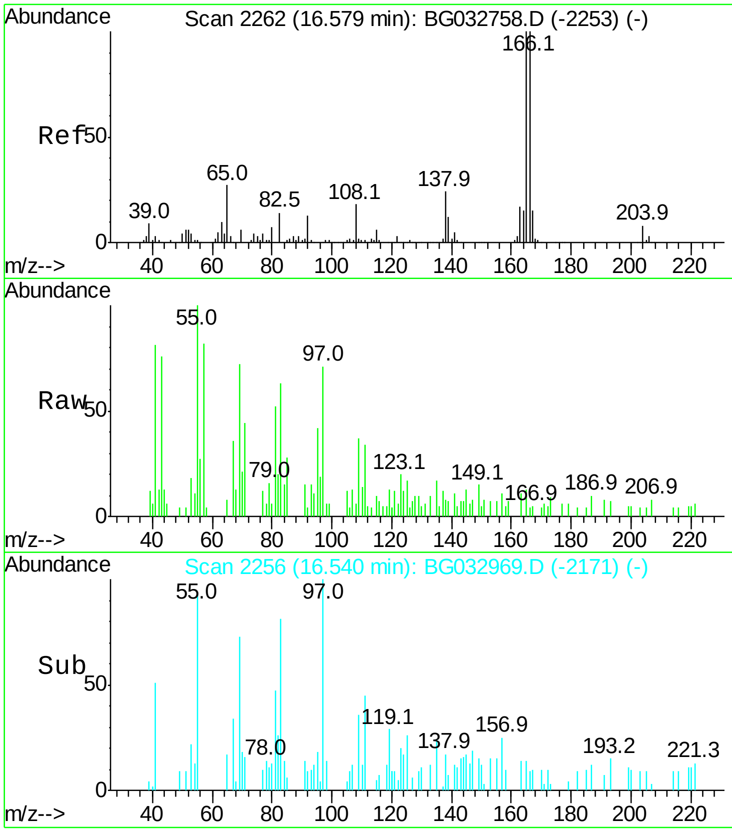


#56
2,4-Dinitrotoluene
Concen: 7.096 ng
RT: 16.15 min Scan# 2189
Delta R.T. 0.29 min
Lab File: BG032969.D
Acq: 3 Mar 2018 6:43

Tgt Ion:165 Resp: 783

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



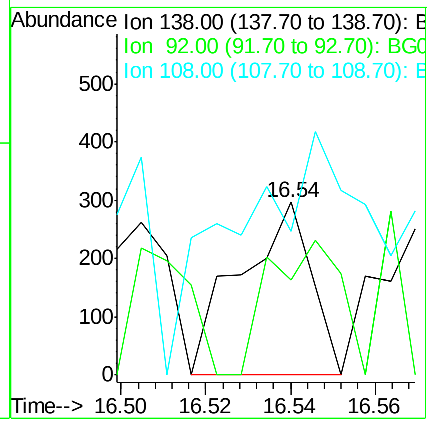


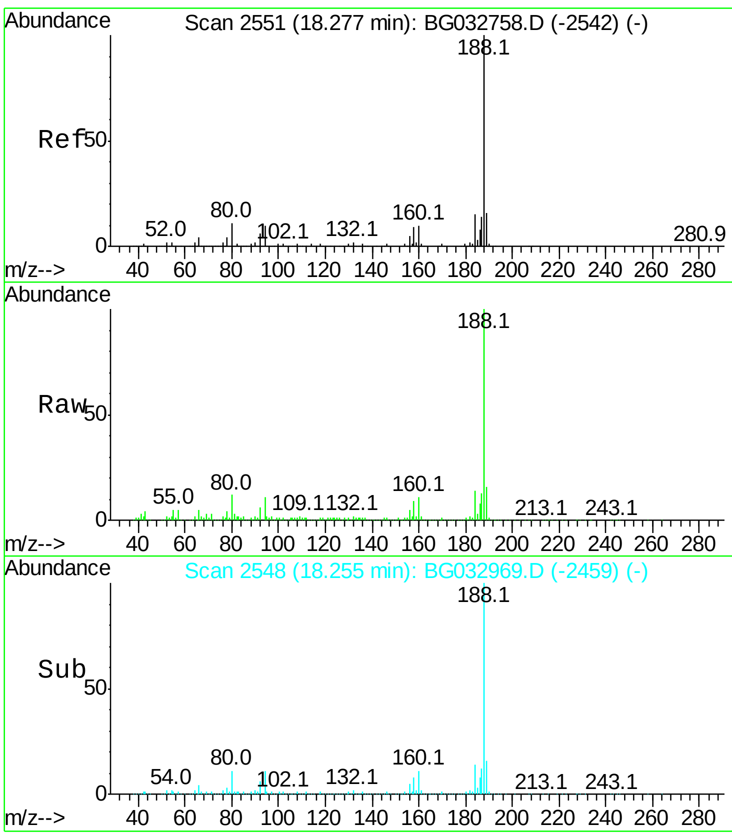
#61
4-Nitroaniline
Concen: 5.403 ng
RT: 16.54 min Scan# 2256
Delta R.T. -0.03 min
Lab File: BG032969.D
Acq: 3 Mar 2018 6:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:138 Resp: 349

Ion	Ratio	Lower	Upper
138	100		
92	54.7	40.1	80.1
108	83.1	65.4	105.4

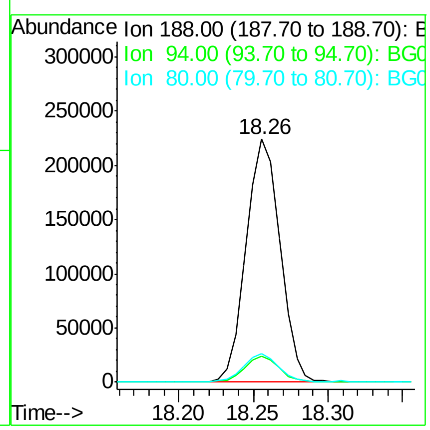


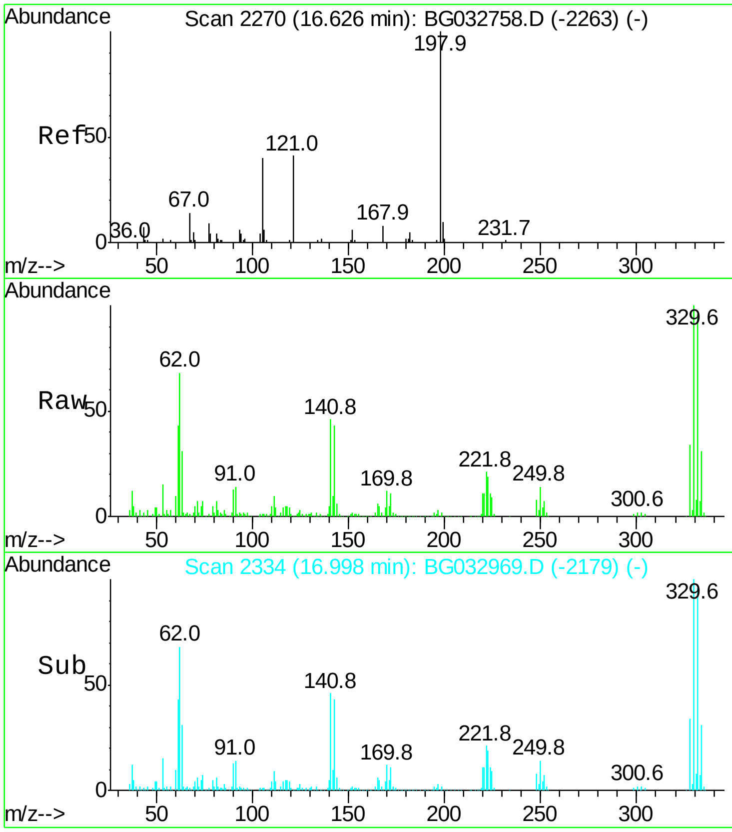


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.26 min Scan# 2548
Delta R.T. -0.01 min
Lab File: BG032969.D
Acq: 3 Mar 2018 6:43

Tgt Ion:188 Resp: 354026

Ion	Ratio	Lower	Upper
188	100		
94	10.9	6.9	10.3#
80	11.6	7.7	11.5#



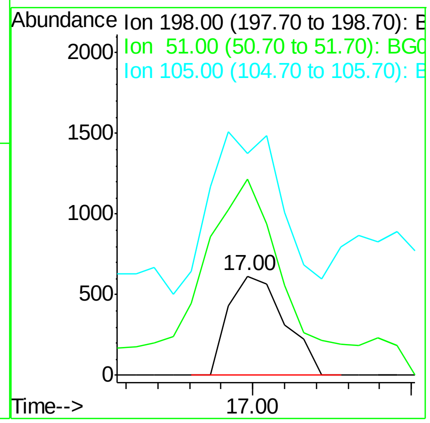


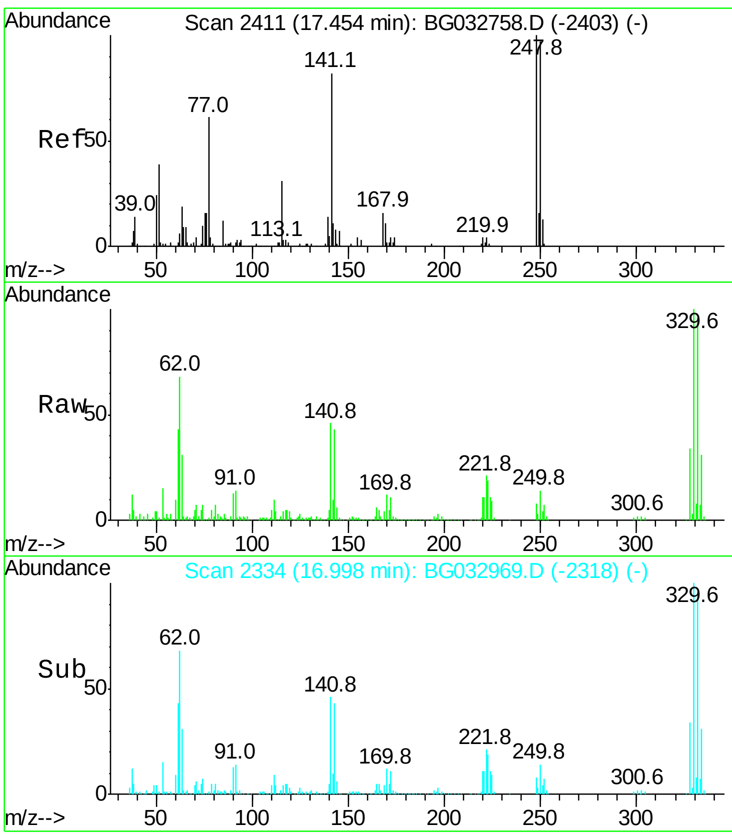
#64
4,6-Dinitro-2-methylphenol
Concen: 5.859 ng
RT: 17.00 min Scan# 2334
Delta R.T. 0.38 min
Lab File: BG032969.D
Acq: 3 Mar 2018 6:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 759

Ion	Ratio	Lower	Upper
198	100		
51	198.4	30.6	70.6#
105	223.6	23.8	63.8#

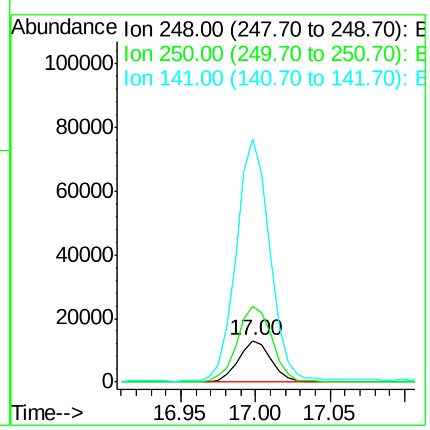




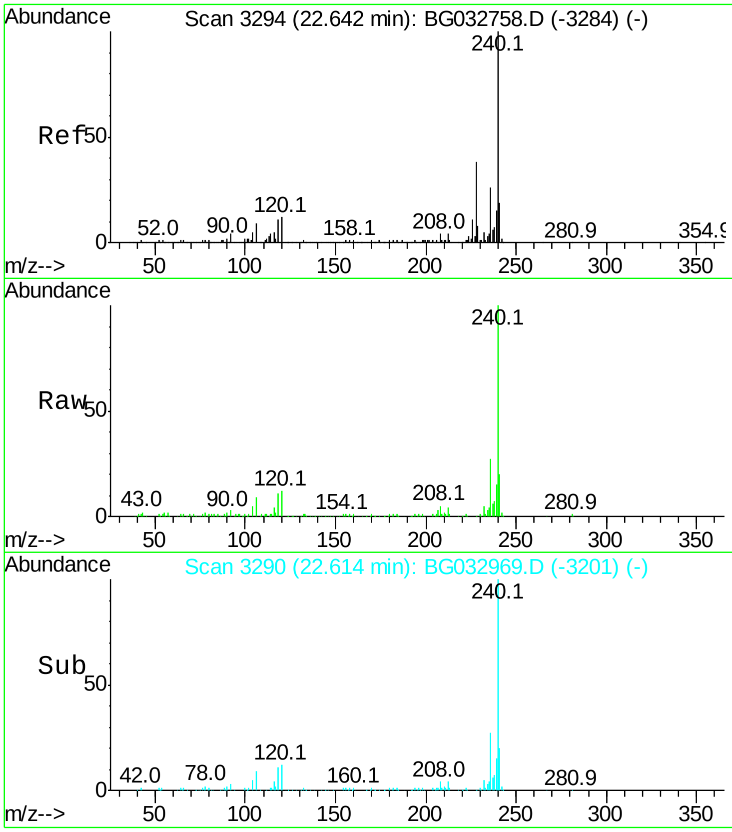
#66
4-Bromophenyl-phenylether
Concen: 5.359 ng
RT: 17.00 min Scan# 2334
Delta R.T. -0.43 min
Lab File: BG032969.D
Acq: 3 Mar 2018 6:43

Tgt Ion:248 Resp: 20062

Ion	Ratio	Lower	Upper
248	100		
250	182.5	77.1	115.7#
141	583.4	50.8	76.2#



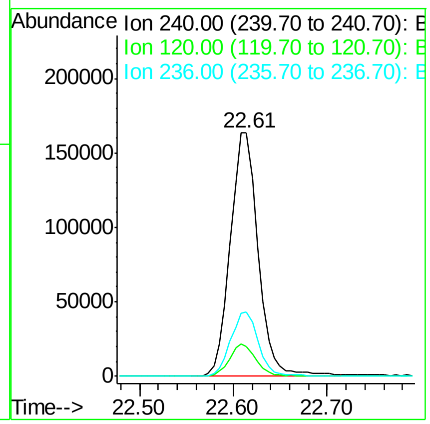
Instrument : BNA_G
ClientSampleId :

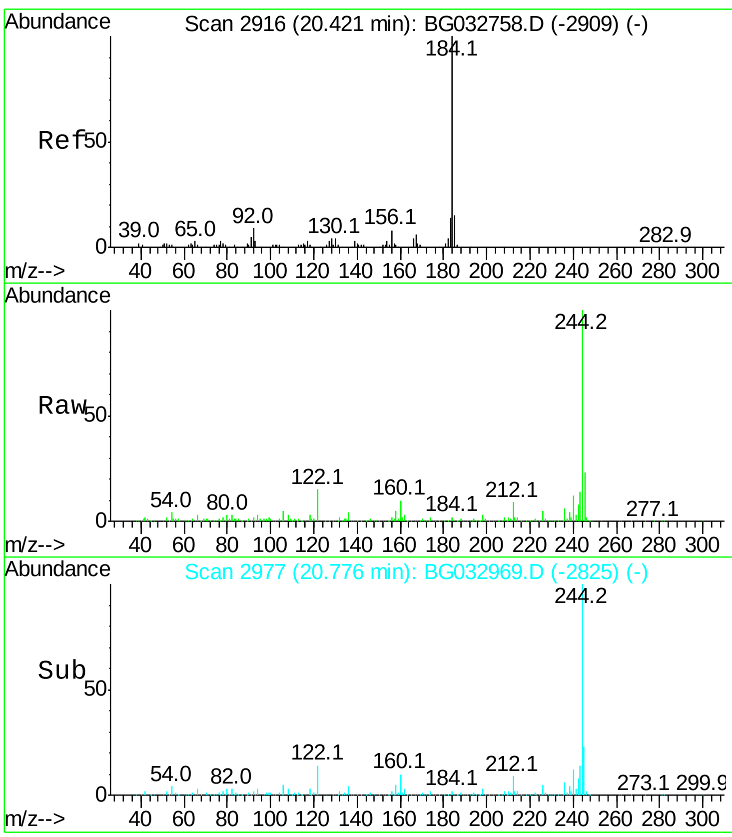


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.61 min Scan# 3290
Delta R.T. -0.01 min
Lab File: BG032969.D
Acq: 3 Mar 2018 6:43

Tgt Ion:240 Resp: 338609

Ion	Ratio	Lower	Upper
240	100		
120	12.0	6.8	10.2#
236	26.6	20.9	31.3

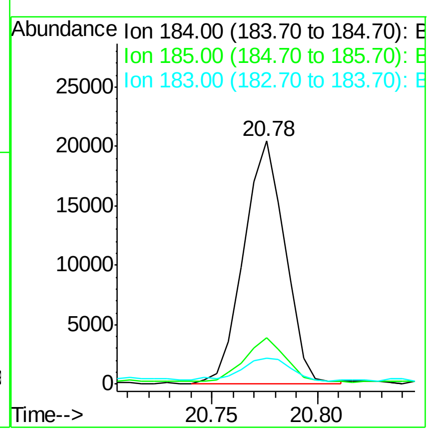


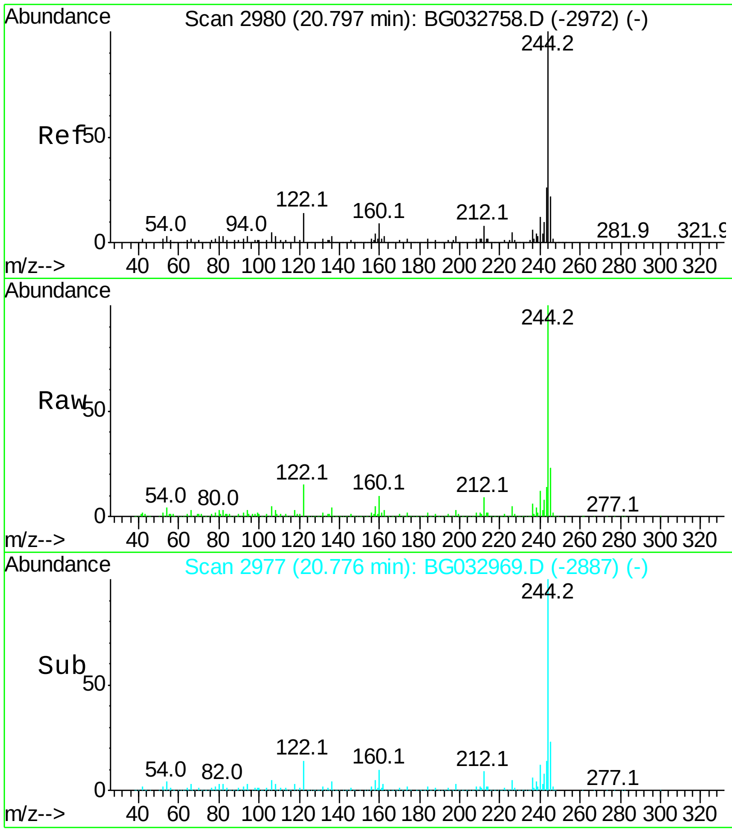


#76
Benzidine
Concen: 2.421 ng
RT: 20.78 min Scan# 2977
Delta R.T. 0.36 min
Lab File: BG032969.D
Acq: 3 Mar 2018 6:43

Tgt Ion:184 Resp: 27945

Ion	Ratio	Lower	Upper
184	100		
185	19.3	11.1	16.7#
183	10.6	10.6	16.0#



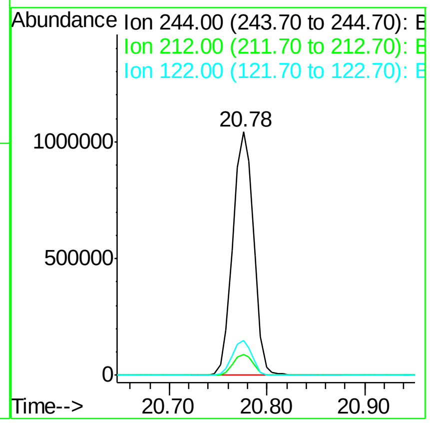


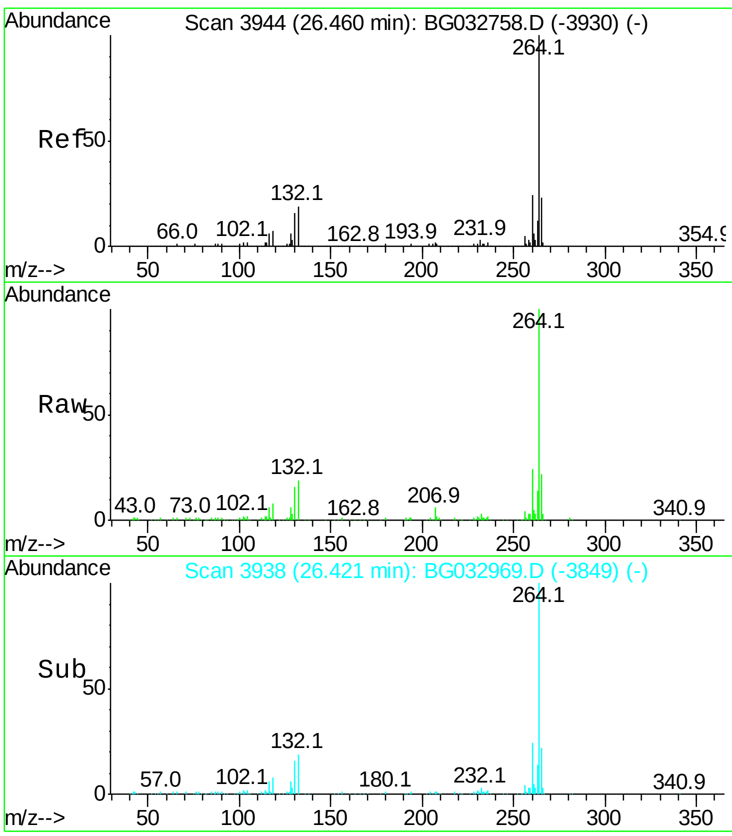
#78
Terphenyl-d14
Concen: 102.538 ng
RT: 20.78 min Scan# 2977
Delta R.T. 0.00 min
Lab File: BG032969.D
Acq: 3 Mar 2018 6:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1545364

Ion	Ratio	Lower	Upper
244	100		
212	8.8	5.8	8.8
122	14.5	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.42 min Scan# 3938
Delta R.T. -0.01 min
Lab File: BG032969.D
Acq: 3 Mar 2018 6:43

Tgt Ion:264 Resp: 312522

Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.4	26.0
265	22.1	17.7	26.5