Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG030918\
Data File : BG033079.D
Acq On : 9 Mar 2018 19:23
Operator : SJ/JU
Sample : J1855-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Mar 09 23:31:12 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	50330	20.00	ng	0.00
21) Naphthalene-d8	11.79	136	221300	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	123340	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	286309	20.00	ng	0.00
75) Chrysene-d12	22.61	240	270159	20.00	ng	0.00
86) Perylene-d12	26.41	264	225107	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.33	112	435823	138.54	ng	0.00
7) Phenol-d6	8.01	99	542121	123.63	ng	0.00
23) Nitrobenzene-d5	10.11	82	386330	116.93	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	170922	131.80	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	820706	95.97	ng	0.00
78) Terphenyl-d14	20.77	244	1298400	107.98	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	10.11	70	51268	16.561	ng	# 82
24) Nitrobenzene	10.11	77	1091	6.648	ng	# 45
32) Benzoic acid	11.01	122	314	5.997	ng	# 82
47) 2-Nitroaniline	14.15	65	1403	10.385	ng	# 1
50) 2,6-Dinitrotoluene	15.52	165	16178	16.501	ng	# 18
56) 2,4-Dinitrotoluene	15.52	165	16178	14.700	ng	# 16
64) 4,6-Dinitro-2-methylphenol	17.00	198	435	5.595	ng	# 1
66) 4-Bromophenyl-phenylether	17.00	248	11883	3.925	ng	# 1
76) Benzidine	20.77	184	22799	2.476	ng	# 92

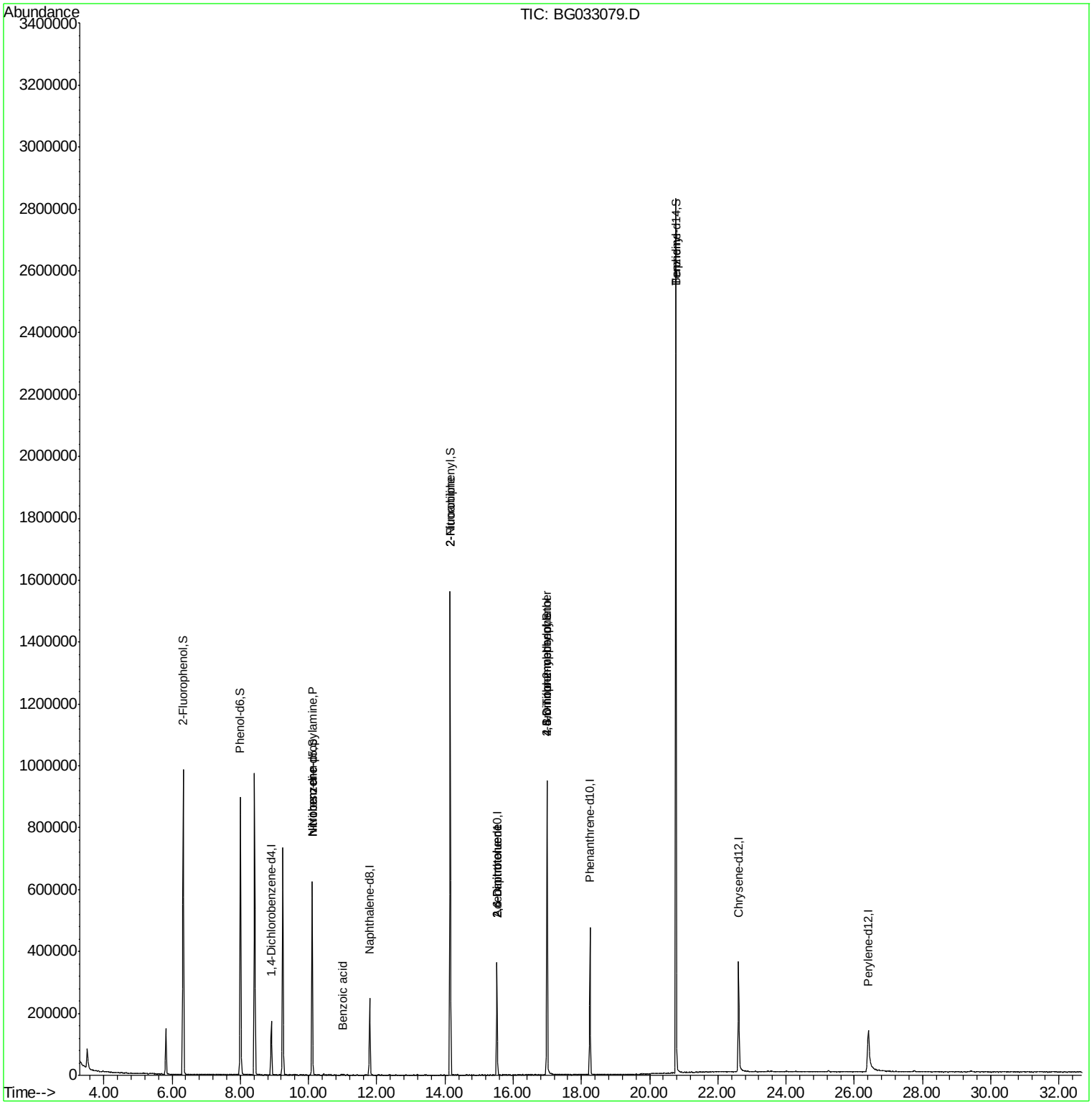
(#) = qualifier out of range (m) = manual integration (+) = signals summed

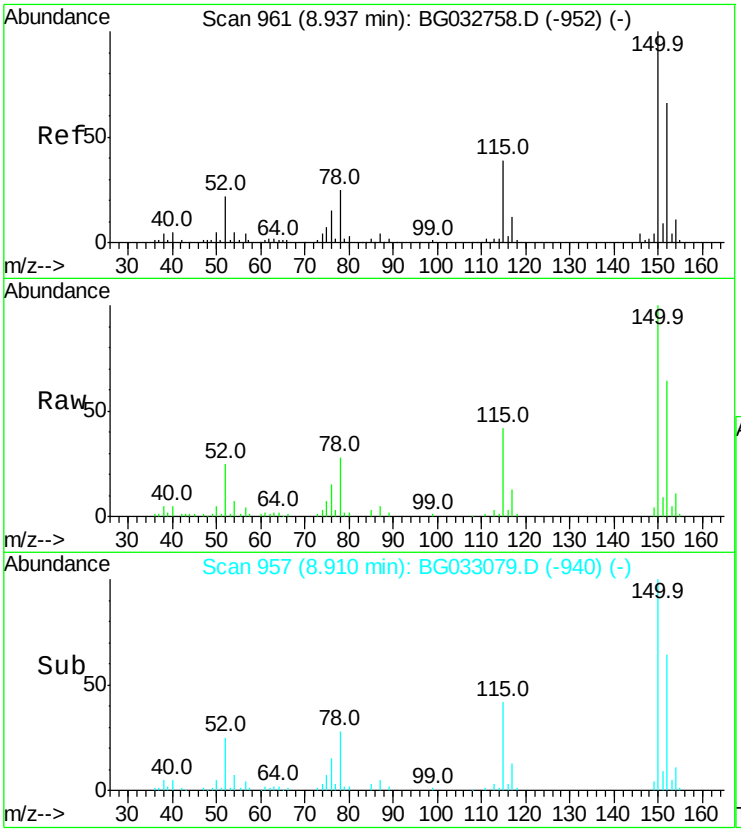
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG030918\
Data File : BG033079.D
Acq On : 9 Mar 2018 19:23
Operator : SJ/JU
Sample : J1855-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Mar 09 23:31:12 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



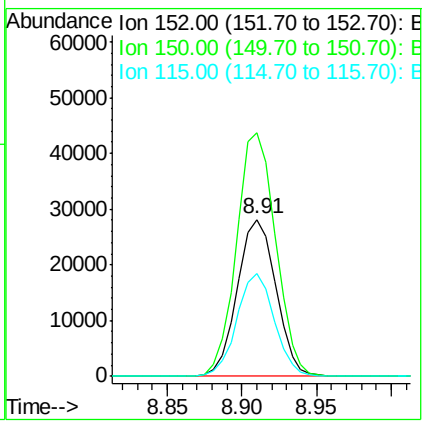


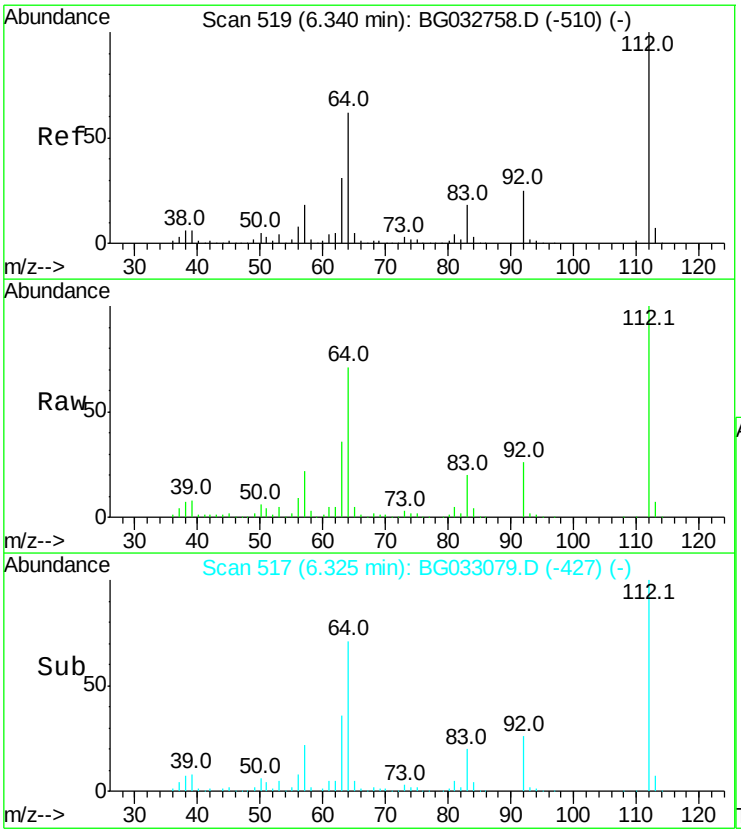
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 957
Delta R.T. 0.00 min
Lab File: BG033079.D
Acq: 9 Mar 2018 19:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 50330

Ion	Ratio	Lower	Upper
152	100		
150	155.1	126.6	189.8
115	65.5	53.0	79.4

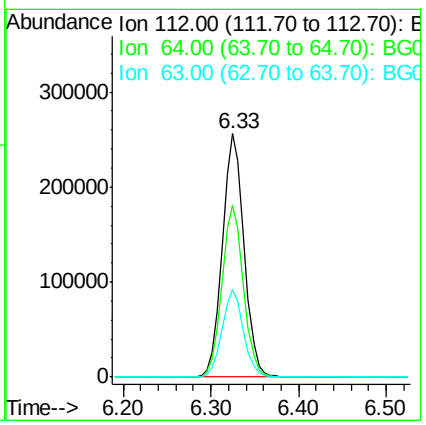


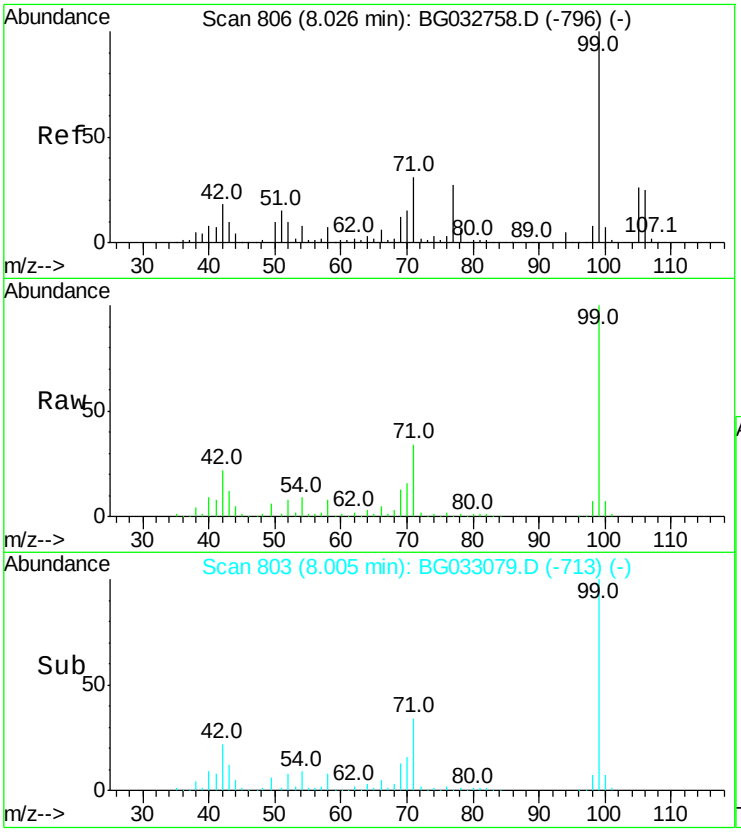


#5
2-Fluorophenol
Concen: 138.536 ng
RT: 6.33 min Scan# 517
Delta R.T. 0.00 min
Lab File: BG033079.D
Acq: 9 Mar 2018 19:23

Tgt Ion:112 Resp: 435823

Ion	Ratio	Lower	Upper
112	100		
64	70.7	56.3	84.5
63	35.7	30.1	45.1



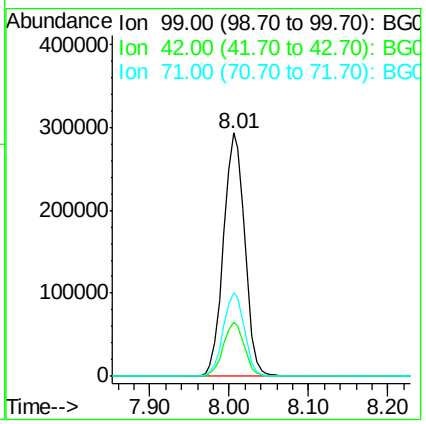


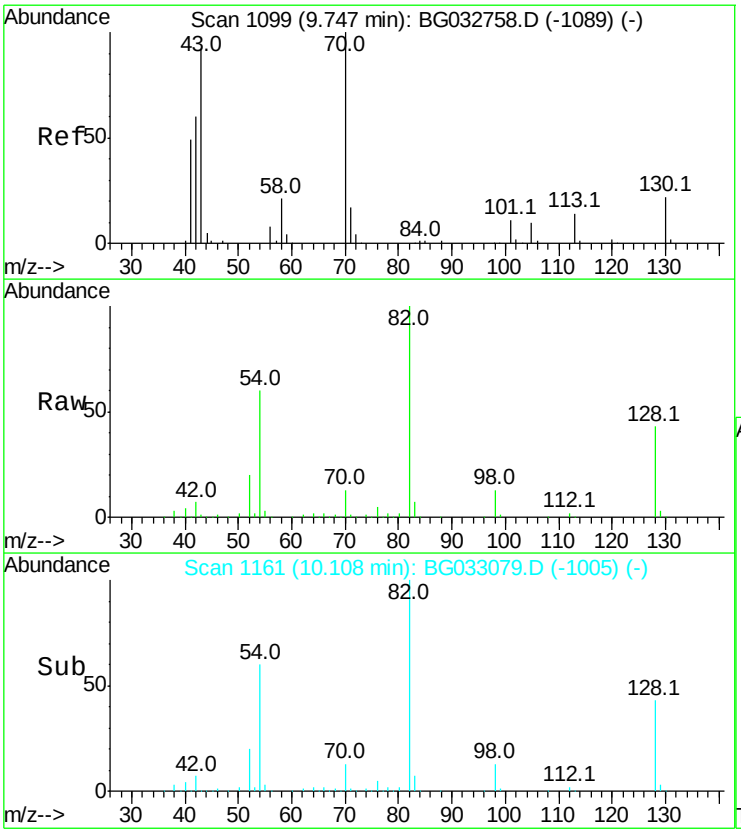
#7
Phenol-d6
Concen: 123.632 ng
RT: 8.01 min Scan# 803
Delta R.T. 0.00 min
Lab File: BG033079.D
Acq: 9 Mar 2018 19:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 542121

Ion	Ratio	Lower	Upper
99	100		
42	22.4	14.1	21.1#
71	34.5	26.1	39.1

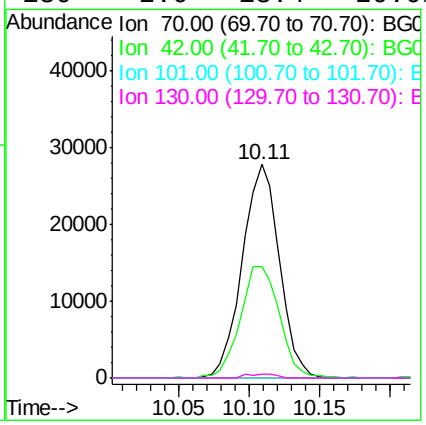


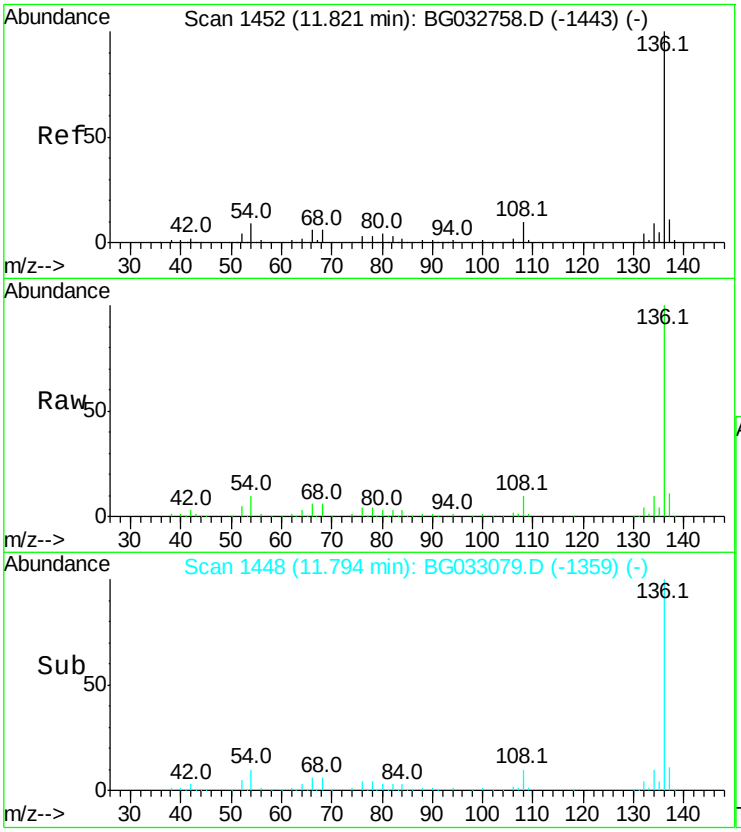


#19
n-Nitroso-di-n-propylamine
Concen: 16.561 ng
RT: 10.11 min Scan# 1161
Delta R.T. 0.39 min
Lab File: BG033079.D
Acq: 9 Mar 2018 19:23

Tgt Ion: 70 Resp: 51268

Ion	Ratio	Lower	Upper
70	100		
42	52.4	49.1	73.7
101	0.0	8.5	12.7#
130	2.0	13.4	20.0#



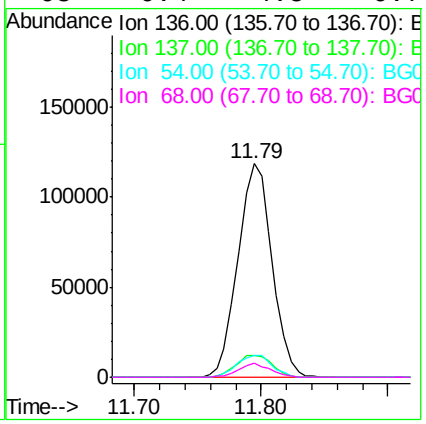


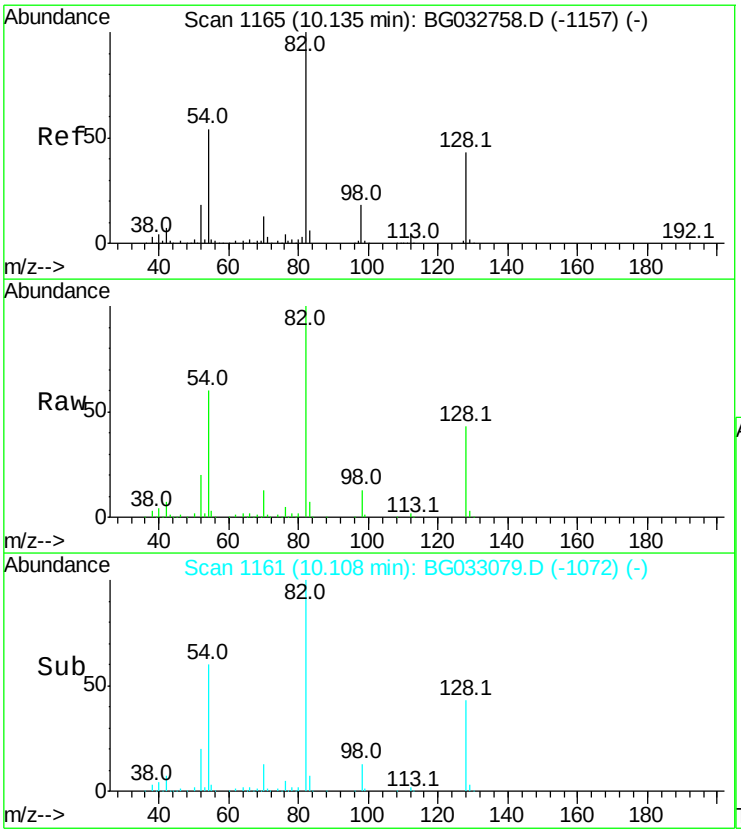
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.79 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BG033079.D
Acq: 9 Mar 2018 19:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 221300

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.2	13.8
54	9.9	10.3	15.5#
68	6.4	4.5	6.7

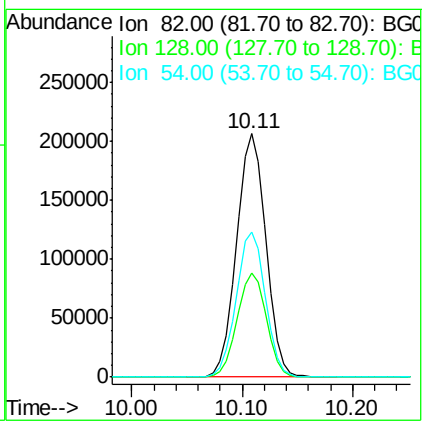


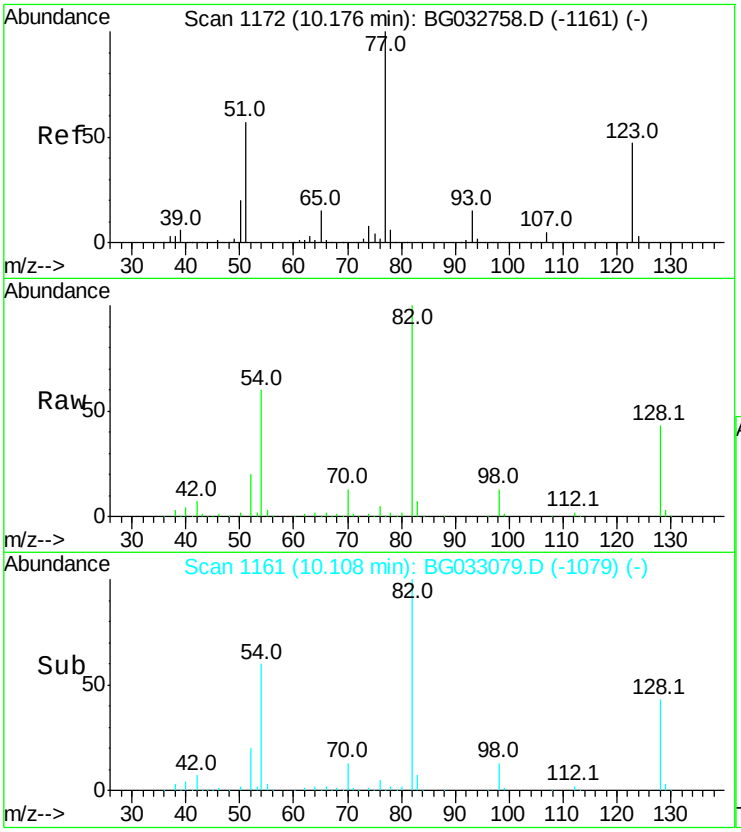


#23
Nitrobenzene-d5
Concen: 116.930 ng
RT: 10.11 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BG033079.D
Acq: 9 Mar 2018 19:23

Tgt Ion: 82 Resp: 386330

Ion	Ratio	Lower	Upper
82	100		
128	42.7	29.7	44.5
54	59.7	43.1	64.7



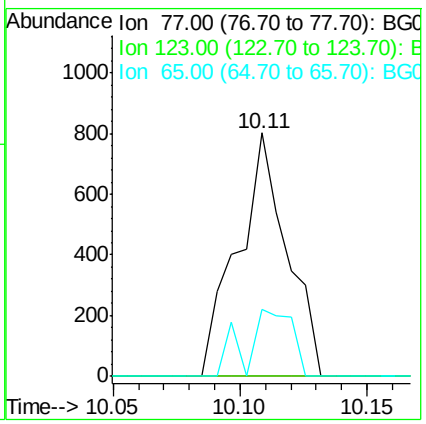


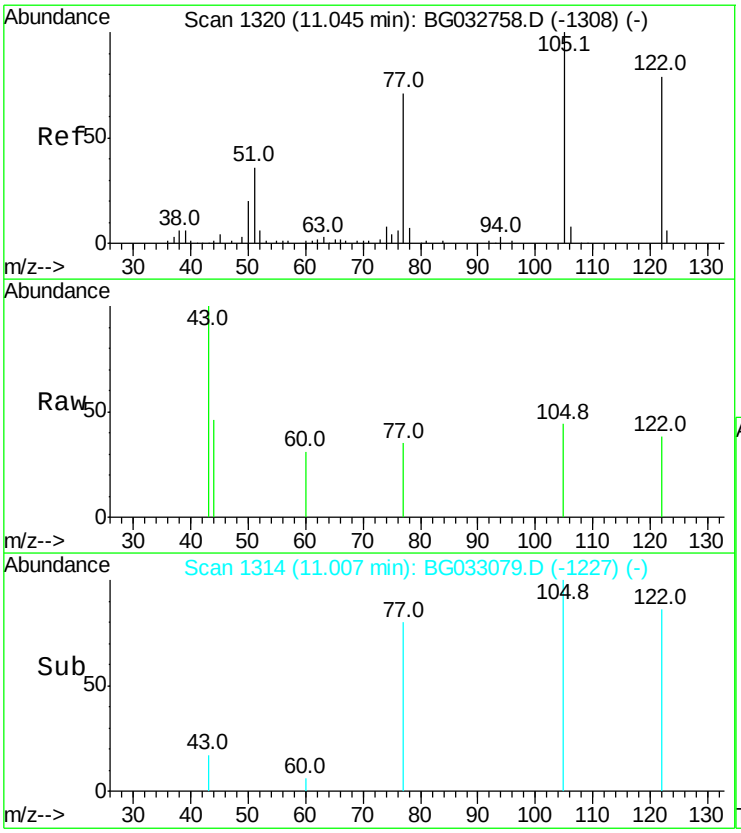
#24
Nitrobenzene
Concen: 6.648 ng
RT: 10.11 min Scan# 1161
Delta R.T. -0.05 min
Lab File: BG033079.D
Acq: 9 Mar 2018 19:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 1091

Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.0	49.6#
65	27.6	13.0	19.6#

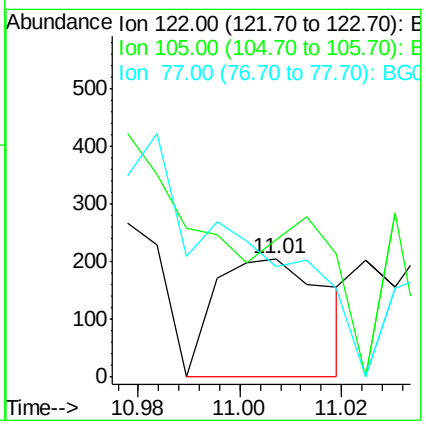


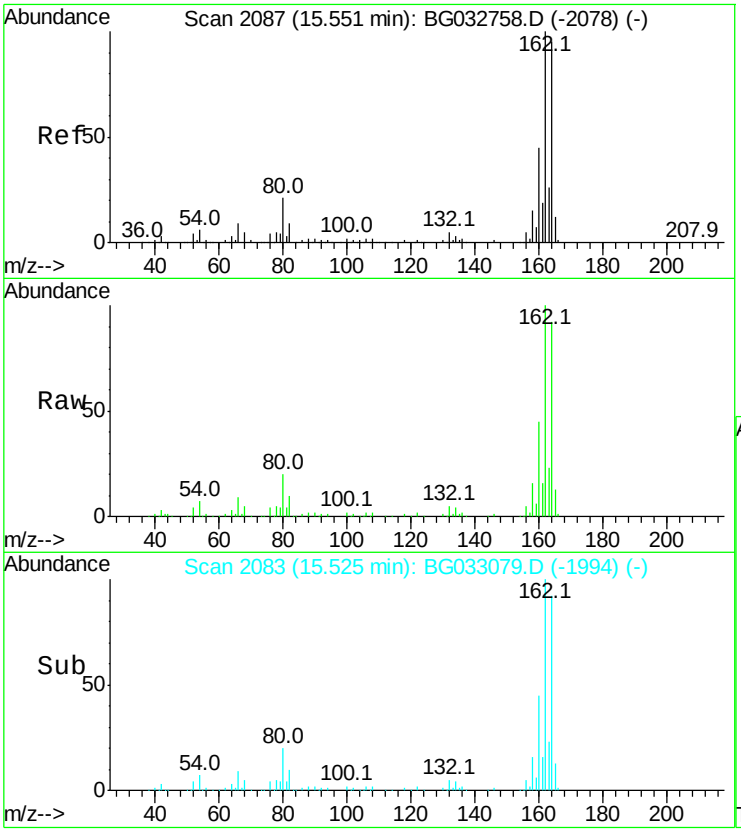


#32
Benzoic acid
Concen: 5.997 ng
RT: 11.01 min Scan# 1314
Delta R.T. -0.02 min
Lab File: BG033079.D
Acq: 9 Mar 2018 19:23

Tgt Ion:122 Resp: 314

Ion	Ratio	Lower	Upper
122	100		
105	116.1	123.5	163.5#
77	93.2	85.7	125.7



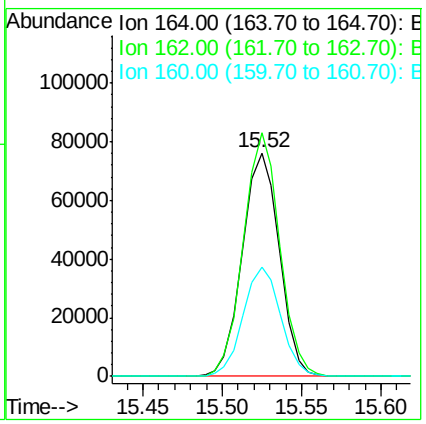


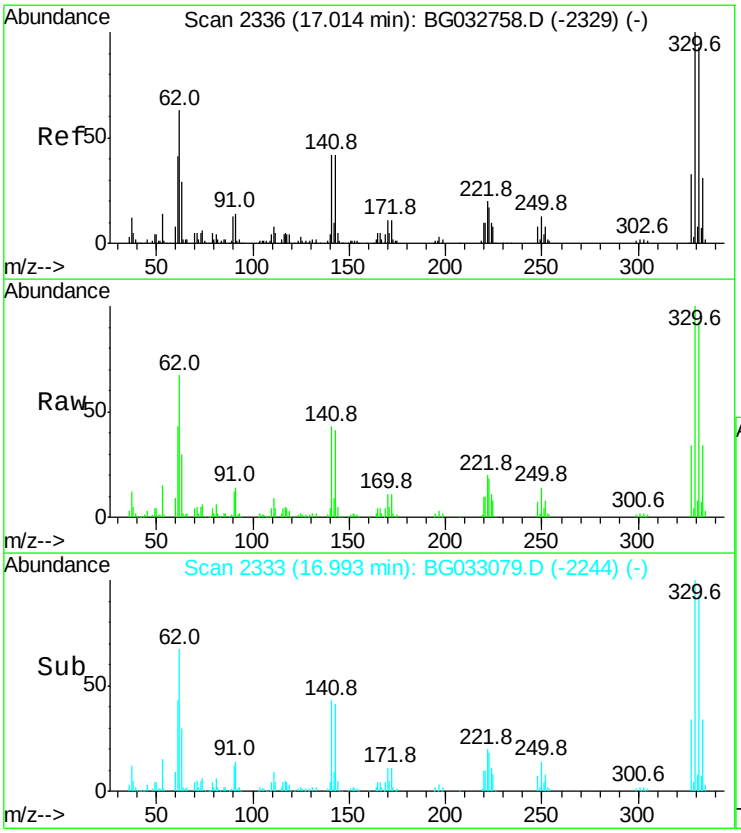
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.52 min Scan# 2083
Delta R.T. -0.01 min
Lab File: BG033079.D
Acq: 9 Mar 2018 19:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 123340

Ion	Ratio	Lower	Upper
164	100		
162	108.8	78.8	118.2
160	48.7	35.4	53.0

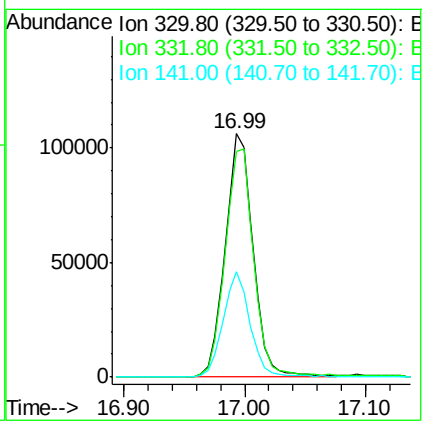


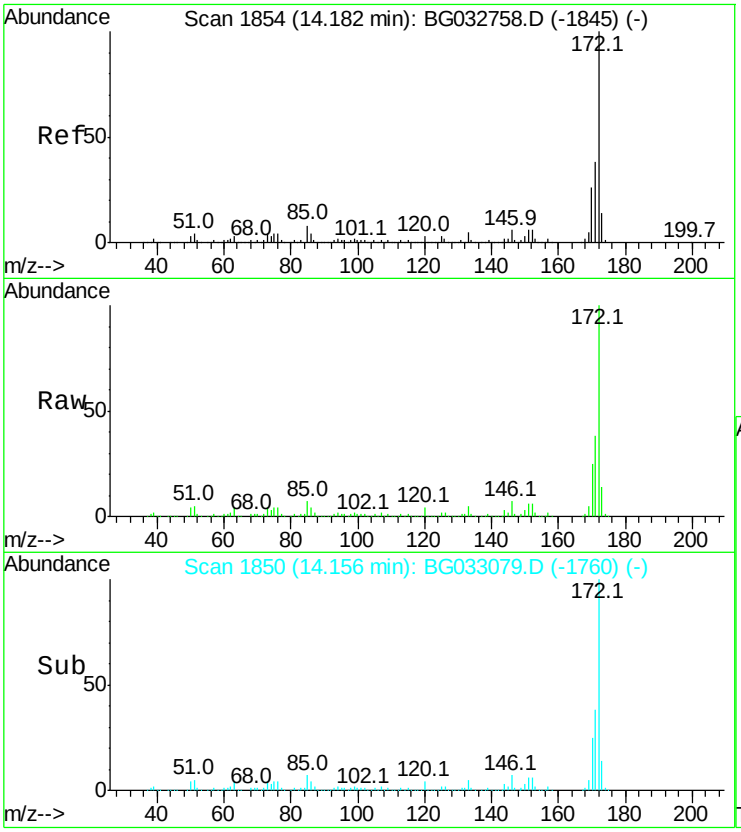


#41
2,4,6-Tribromophenol
Concen: 131.795 ng
RT: 16.99 min Scan# 2333
Delta R.T. -0.01 min
Lab File: BG033079.D
Acq: 9 Mar 2018 19:23

Tgt Ion:330 Resp: 170922

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	41.7	25.2	37.8#



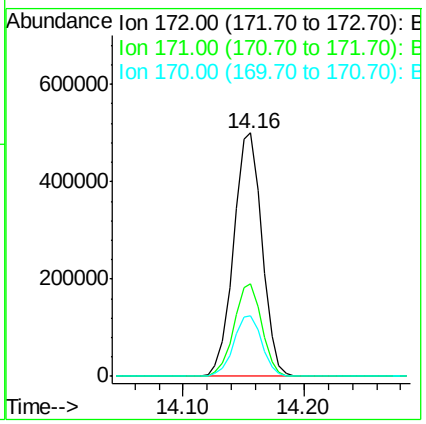


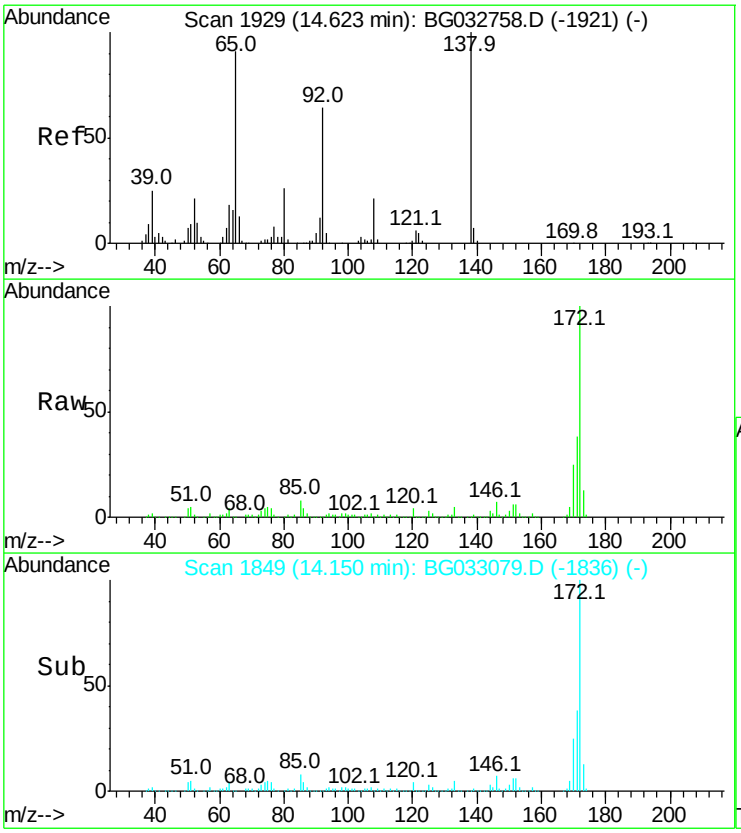
#44
2-Fluorobiphenyl
Concen: 95.968 ng
RT: 14.16 min Scan# 1850
Delta R.T. 0.00 min
Lab File: BG033079.D
Acq: 9 Mar 2018 19:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 820706

Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.0	45.0
170	25.1	19.5	29.3

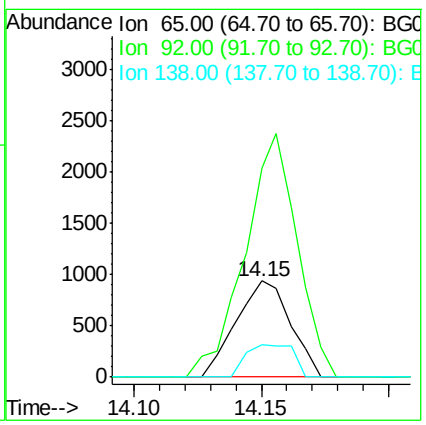


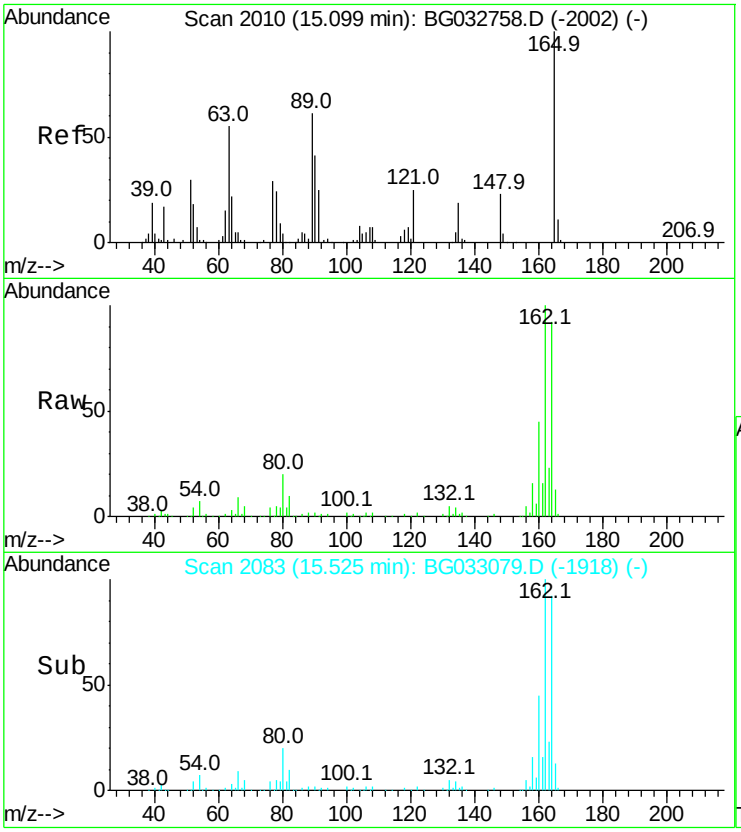


#47
2-Nitroaniline
Concen: 10.385 ng
RT: 14.15 min Scan# 1849
Delta R.T. -0.45 min
Lab File: BG033079.D
Acq: 9 Mar 2018 19:23

Tgt Ion: 65 Resp: 1403

Ion	Ratio	Lower	Upper
65	100		
92	217.4	54.6	82.0#
138	33.4	72.9	109.3#



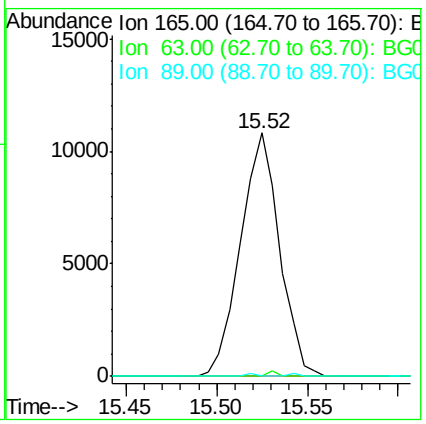


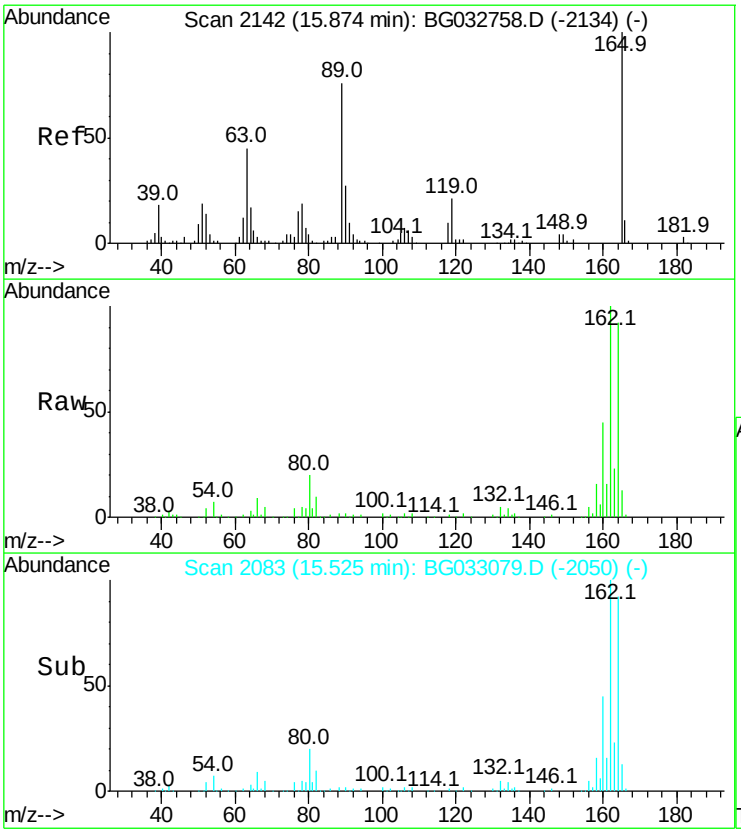
#50
2,6-Dinitrotoluene
Concen: 16.501 ng
RT: 15.52 min Scan# 2083
Delta R.T. 0.44 min
Lab File: BG033079.D
Acq: 9 Mar 2018 19:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 16178

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

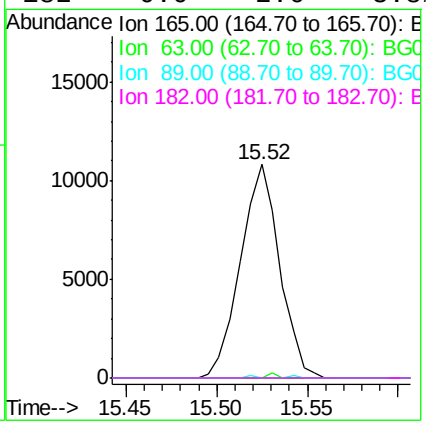


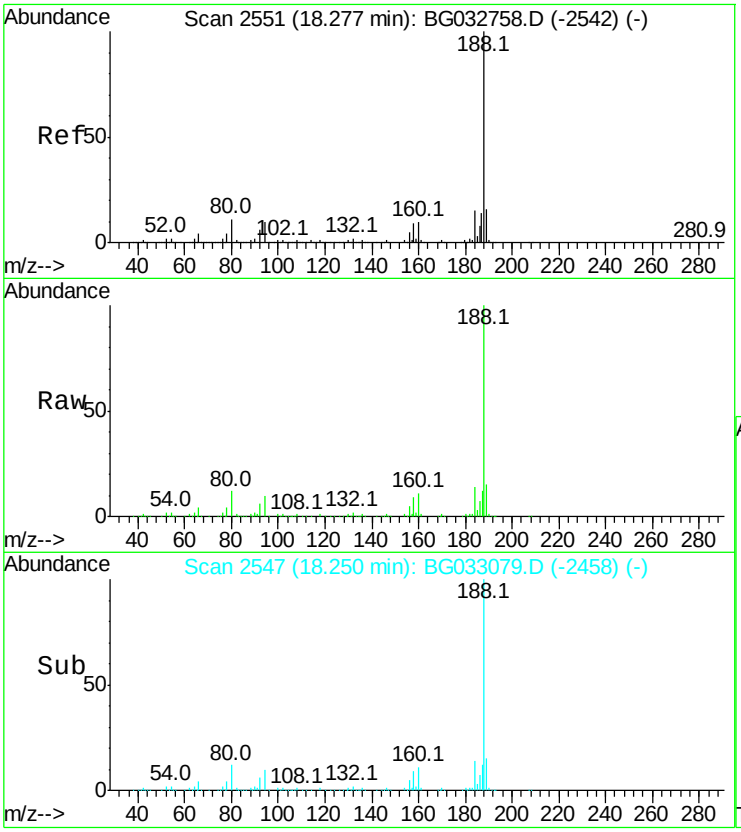


#56
2,4-Dinitrotoluene
Concen: 14.700 ng
RT: 15.52 min Scan# 2083
Delta R.T. -0.33 min
Lab File: BG033079.D
Acq: 9 Mar 2018 19:23

Tgt Ion:165 Resp: 16178

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#



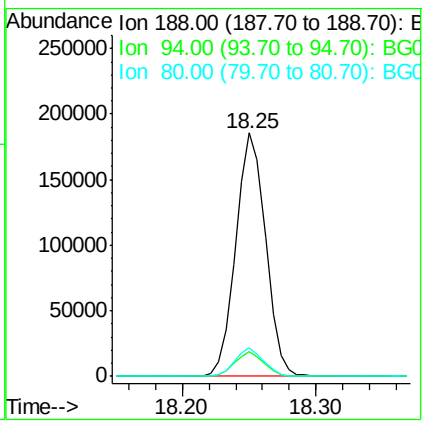


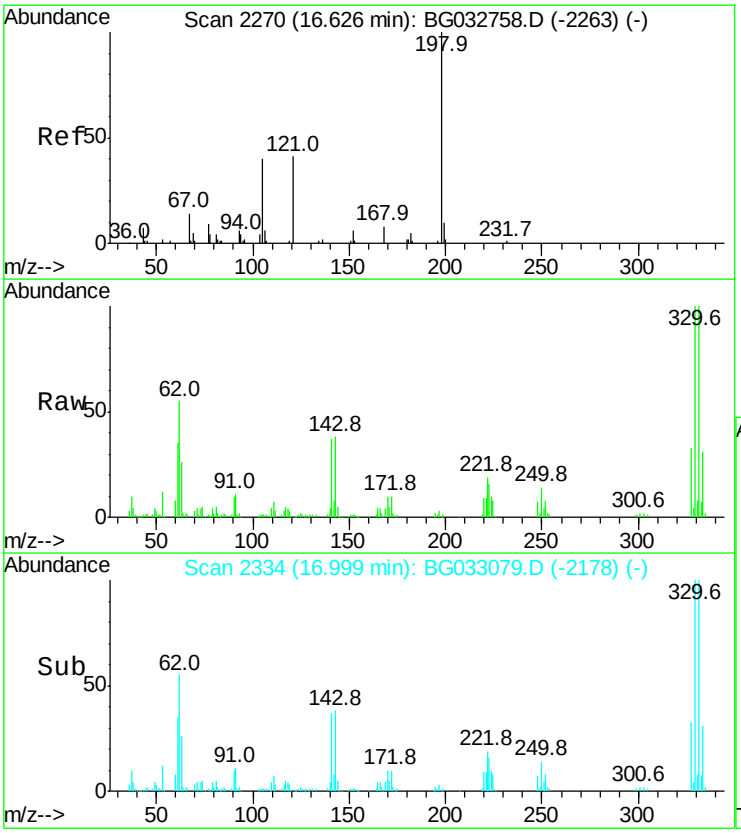
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.25 min Scan# 2547
Delta R.T. -0.01 min
Lab File: BG033079.D
Acq: 9 Mar 2018 19:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 286309

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

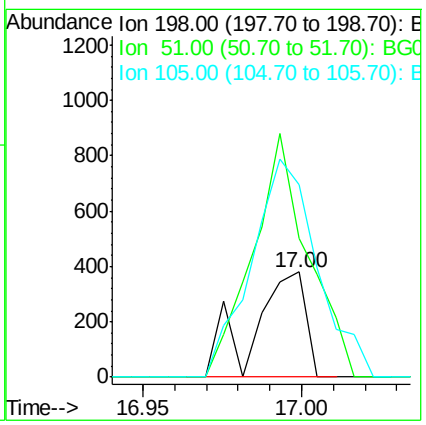


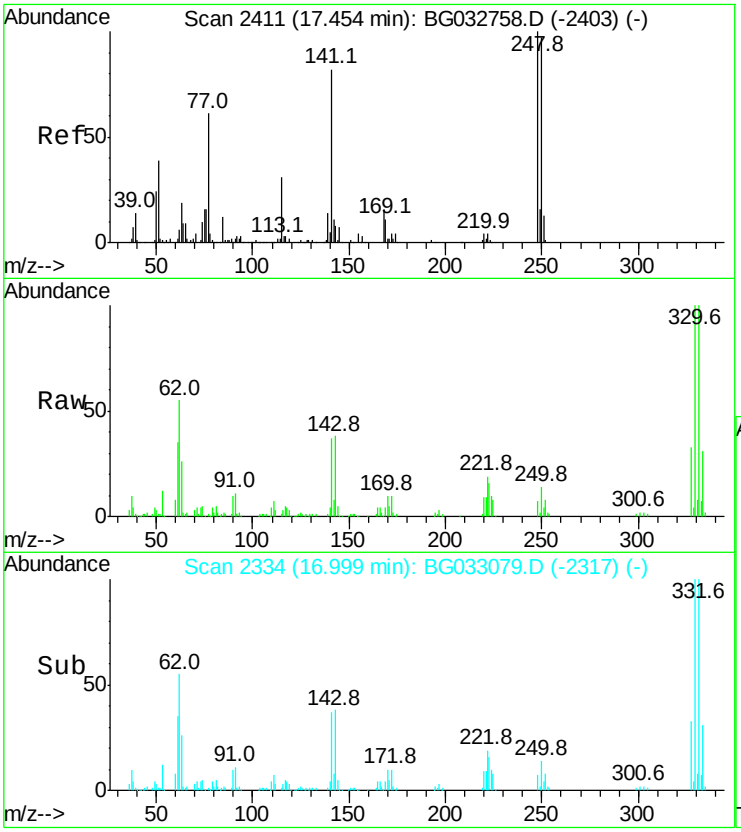


#64
4,6-Dinitro-2-methylphenol
Concen: 5.595 ng
RT: 17.00 min Scan# 2334
Delta R.T. 0.39 min
Lab File: BG033079.D
Acq: 9 Mar 2018 19:23

Tgt Ion:198 Resp: 435

Ion	Ratio	Lower	Upper
198	100		
51	131.8	30.6	70.6#
105	182.6	23.8	63.8#



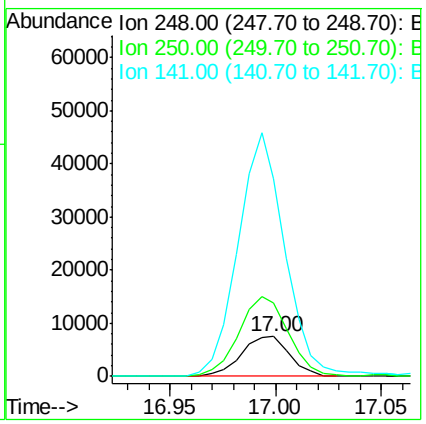


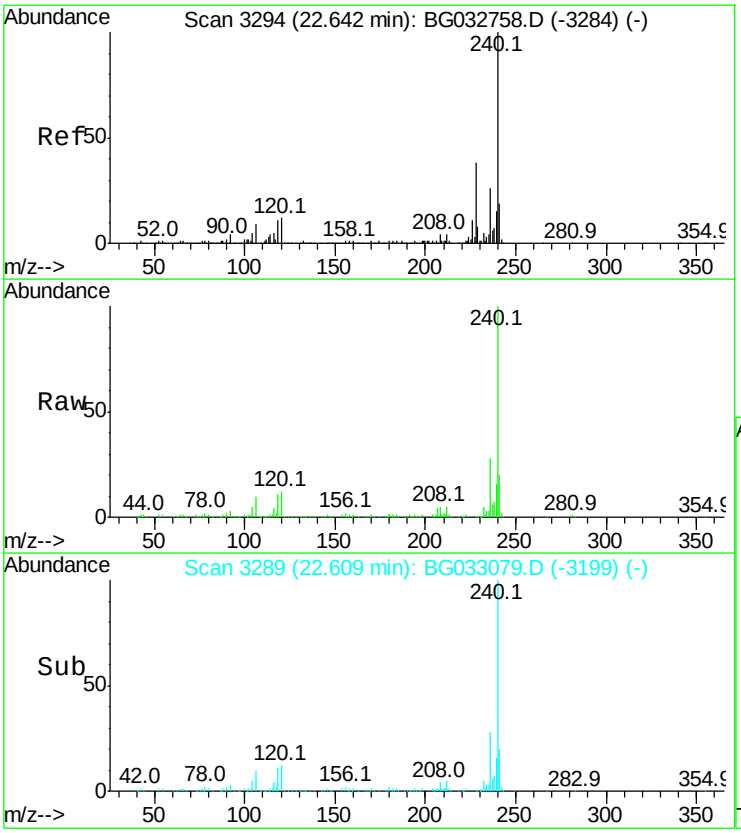
#66
4-Bromophenyl-phenylether
Concen: 3.925 ng
RT: 17.00 min Scan# 2334
Delta R.T. -0.43 min
Lab File: BG033079.D
Acq: 9 Mar 2018 19:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 11883

Ion	Ratio	Lower	Upper
248	100		
250	185.8	77.1	115.7#
141	500.1	50.8	76.2#

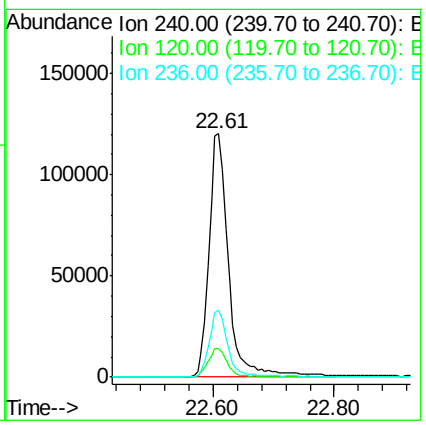


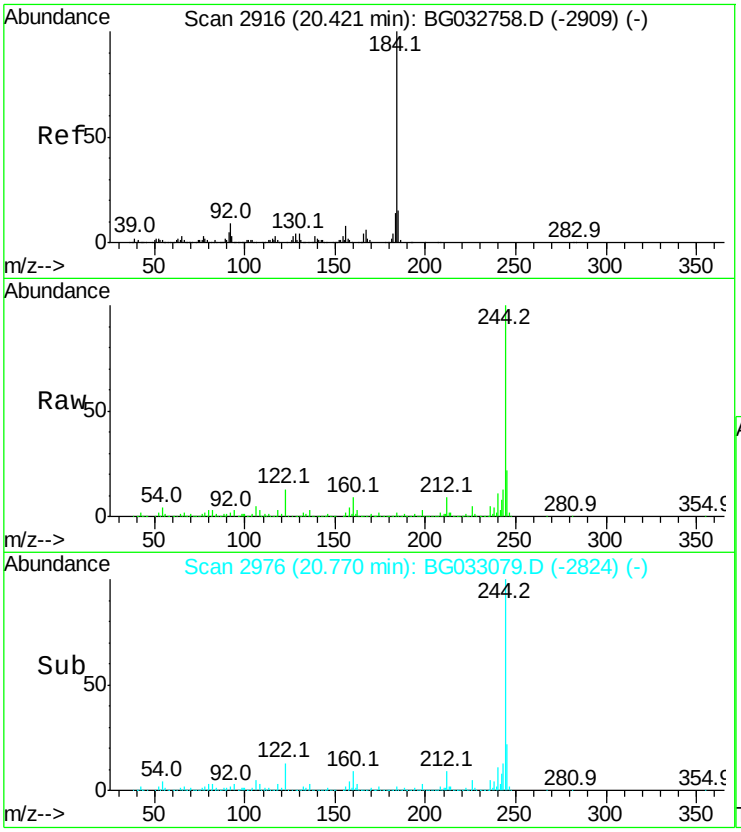


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.61 min Scan# 3289
Delta R.T. 0.00 min
Lab File: BG033079.D
Acq: 9 Mar 2018 19:23

Tgt Ion:240 Resp: 270159

Ion	Ratio	Lower	Upper
240	100		
120	11.9	6.8	10.2#
236	27.6	20.9	31.3



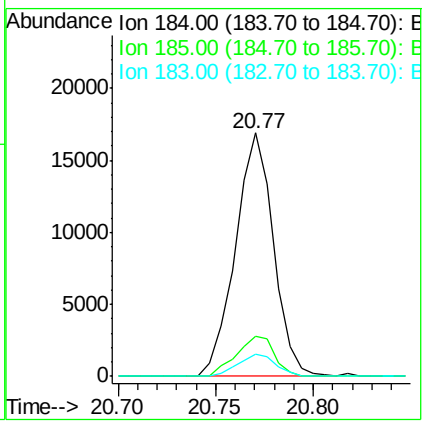


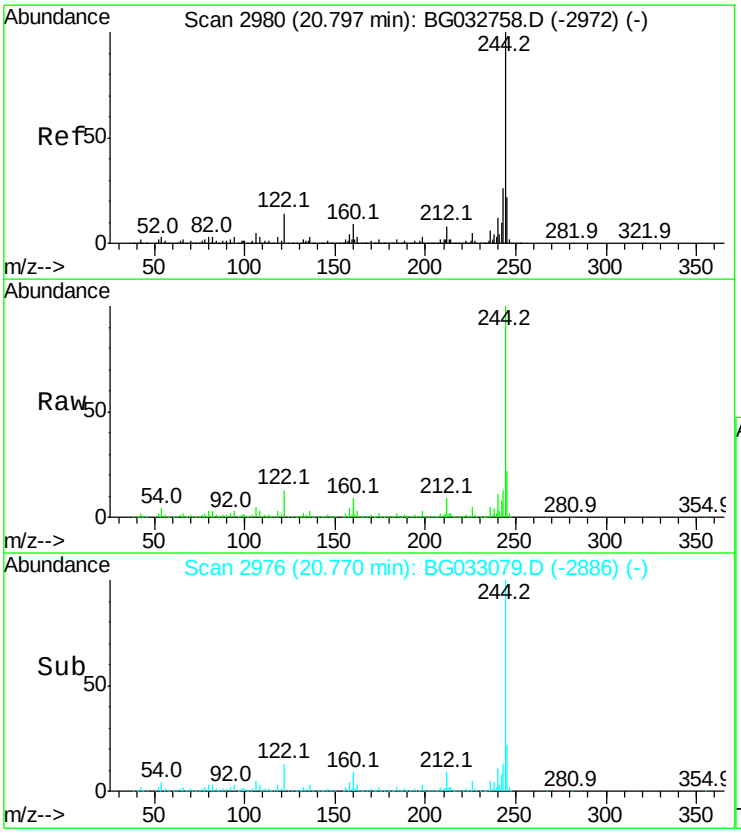
#76
Benzidine
Concen: 2.476 ng
RT: 20.77 min Scan# 2976
Delta R.T. 0.36 min
Lab File: BG033079.D
Acq: 9 Mar 2018 19:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 22799

Ion	Ratio	Lower	Upper
184	100		
185	16.4	11.1	16.7
183	9.0	10.6	16.0#

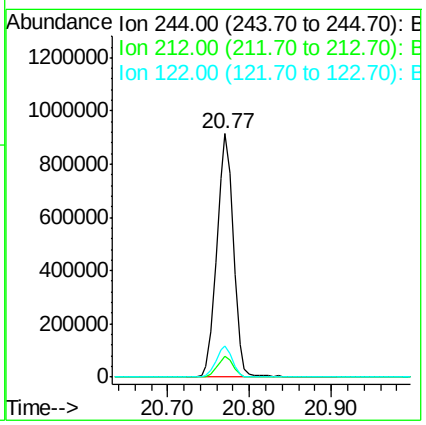


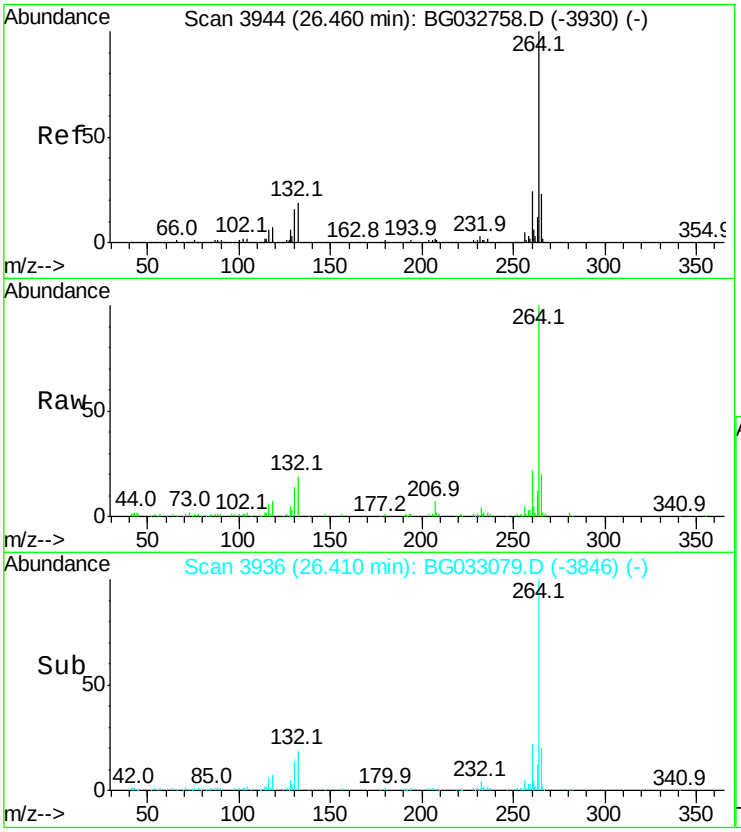


#78
Terphenyl-d14
Concen: 107.979 ng
RT: 20.77 min Scan# 2976
Delta R.T. 0.00 min
Lab File: BG033079.D
Acq: 9 Mar 2018 19:23

Tgt Ion:244 Resp: 1298400

Ion	Ratio	Lower	Upper
244	100		
212	8.7	5.8	8.8
122	12.8	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.41 min Scan# 3936
Delta R.T. 0.00 min
Lab File: BG033079.D
Acq: 9 Mar 2018 19:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 225107

Ion	Ratio	Lower	Upper
264	100		
260	21.9	17.4	26.0
265	19.8	17.7	26.5