Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042418\
Data File : BG033971.D
Acq On : 25 Apr 2018 3:04
Operator : SJ/JU
Sample : J2151-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Apr 25 11:50:57 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 19 13:56:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	88410	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	358923	20.00	ng	-0.02
38) Acenaphthene-d10	14.46	164	222527	20.00	ng	-0.02
63) Phenanthrene-d10	17.21	188	554205	20.00	ng	-0.02
75) Chrysene-d12	21.47	240	644264	20.00	ng	-0.02
86) Perylene-d12	24.52	264	649444	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	636574	114.95	ng	0.00
7) Phenol-d6	7.00	99	734937	90.99	ng	0.00
23) Nitrobenzene-d5	8.98	82	619775	98.27	ng	0.00
41) 2,4,6-Tribromophenol	15.95	330	399031	153.70	ng	-0.02
44) 2-Fluorobiphenyl	13.08	172	1424950	94.07	ng	-0.02
78) Terphenyl-d14	19.84	244	2373133	82.75	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	7.00	77	1503	Below Cal	#	18
19) n-Nitroso-di-n-propylamine	8.98	70	86030	12.495	ng	# 78
32) Benzoic acid	9.92	122	164	5.113	ng	# 18
50) 2,6-Dinitrotoluene	14.46	165	29610	7.982	ng	# 20
56) 2,4-Dinitrotoluene	14.46	165	29610	6.003	ng	# 18
64) 4,6-Dinitro-2-methylphenol	15.93	198	1146	6.861	ng	83
76) Benzidine	19.84	184	38321	2.203	ng	# 93

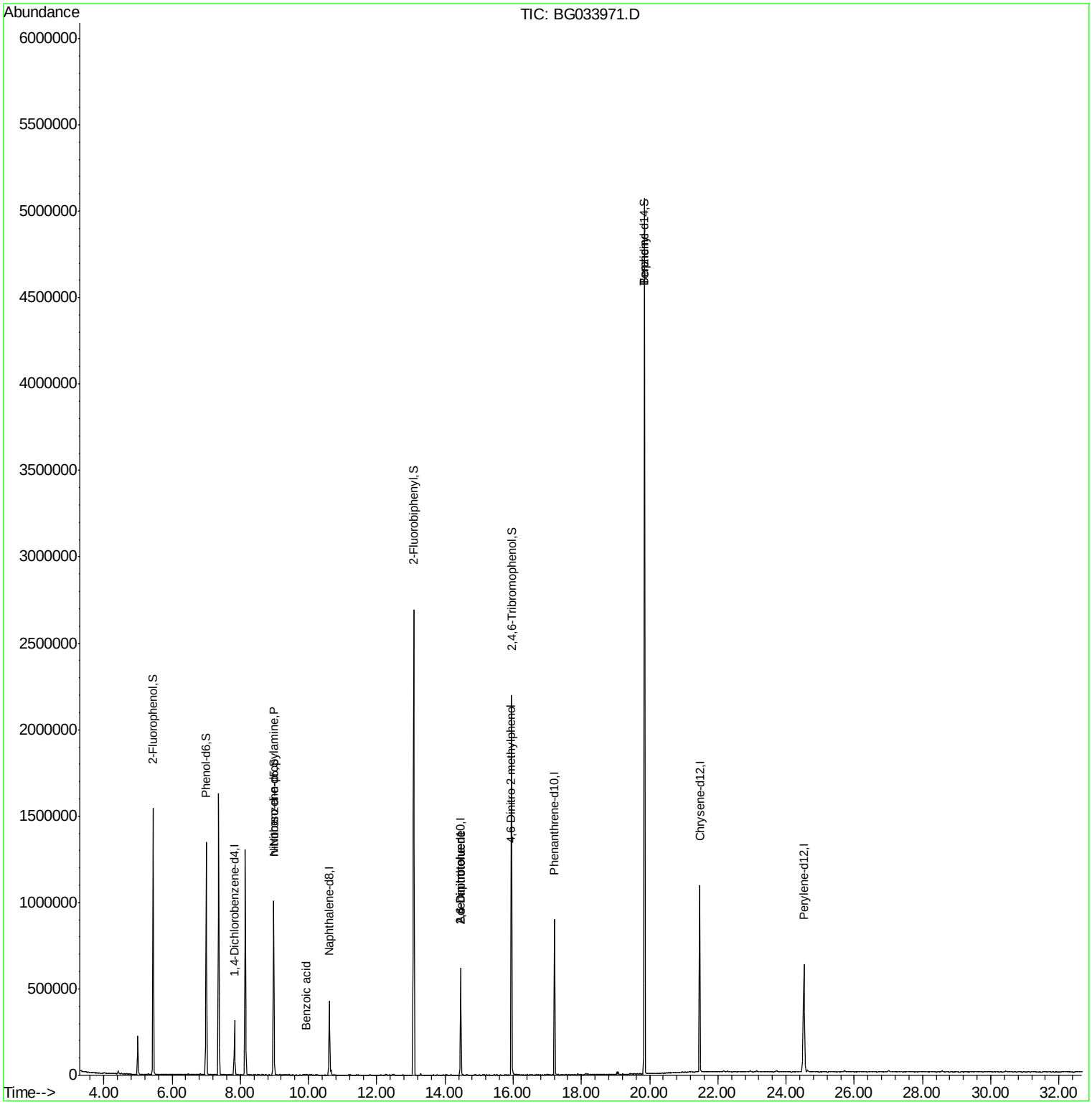
(#) = qualifier out of range (m) = manual integration (+) = signals summed

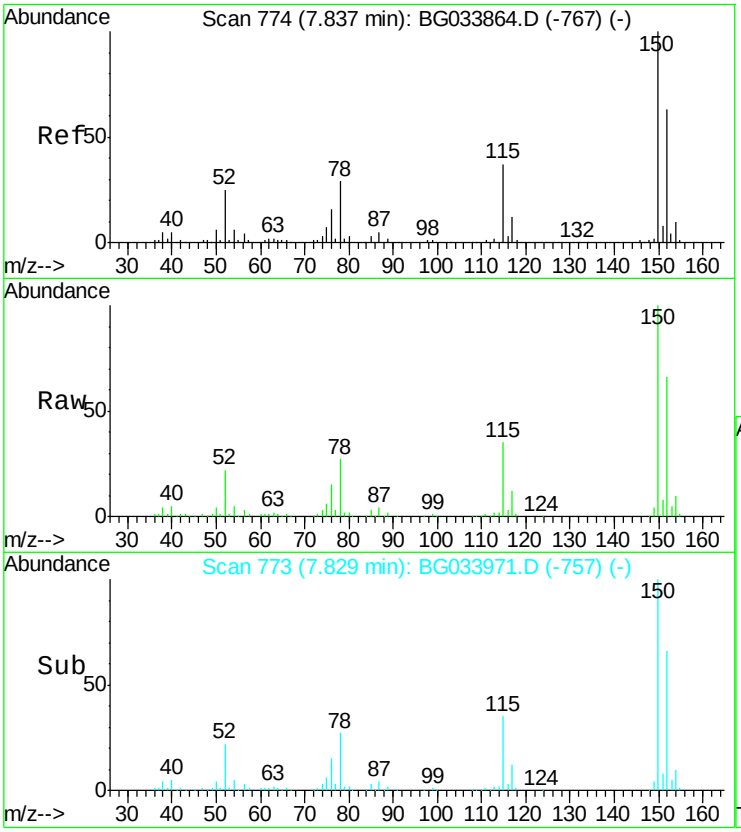
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042418\
Data File : BG033971.D
Acq On : 25 Apr 2018 3:04
Operator : SJ/JU
Sample : J2151-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Apr 25 11:50:57 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 19 13:56:22 2018
Response via : Initial Calibration



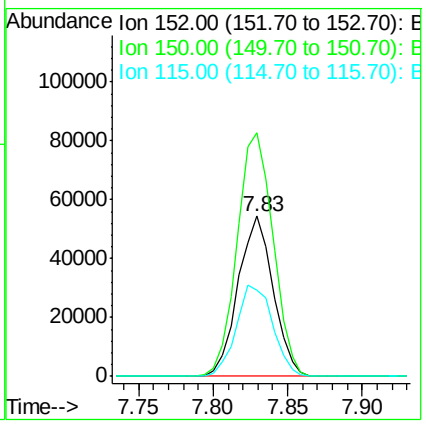


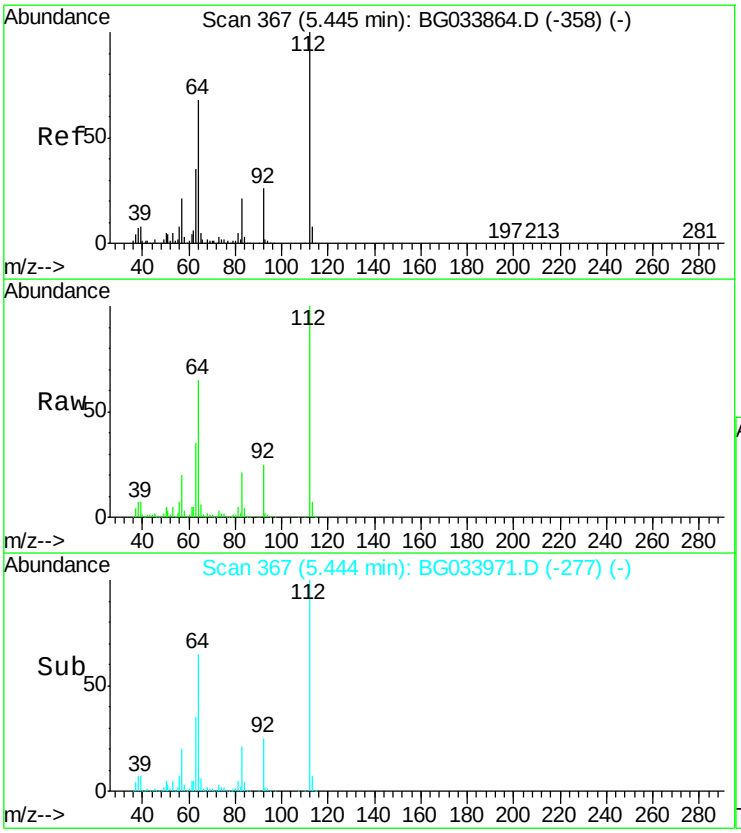
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 773
Delta R.T. -0.01 min
Lab File: BG033971.D
Acq: 25 Apr 2018 3:04

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 88410

Ion	Ratio	Lower	Upper
152	100		
150	152.3	126.6	189.8
115	53.5	53.0	79.4

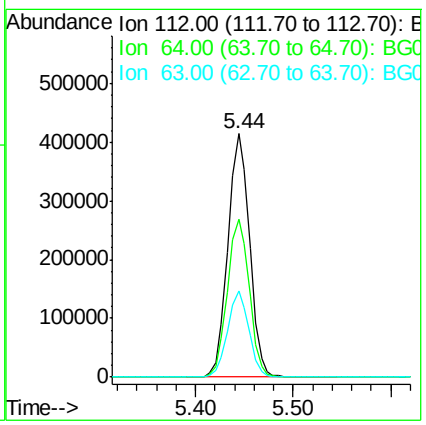


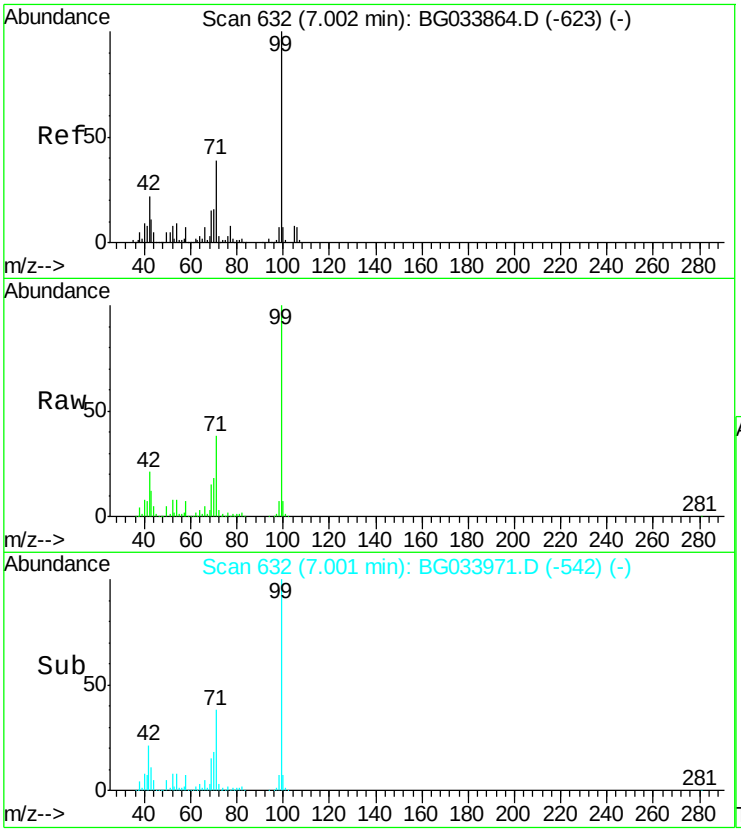


#5
2-Fluorophenol
Concen: 114.954 ng
RT: 5.44 min Scan# 367
Delta R.T. -0.00 min
Lab File: BG033971.D
Acq: 25 Apr 2018 3:04

Tgt Ion:112 Resp: 636574

Ion	Ratio	Lower	Upper
112	100		
64	64.9	56.3	84.5
63	35.2	30.1	45.1



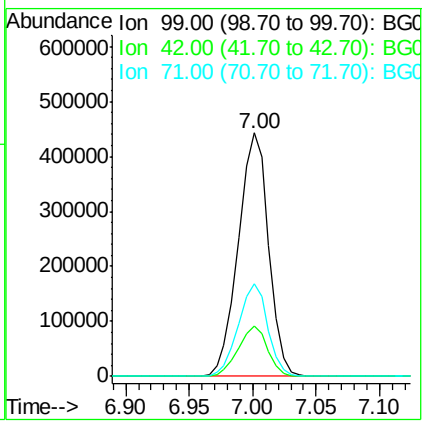


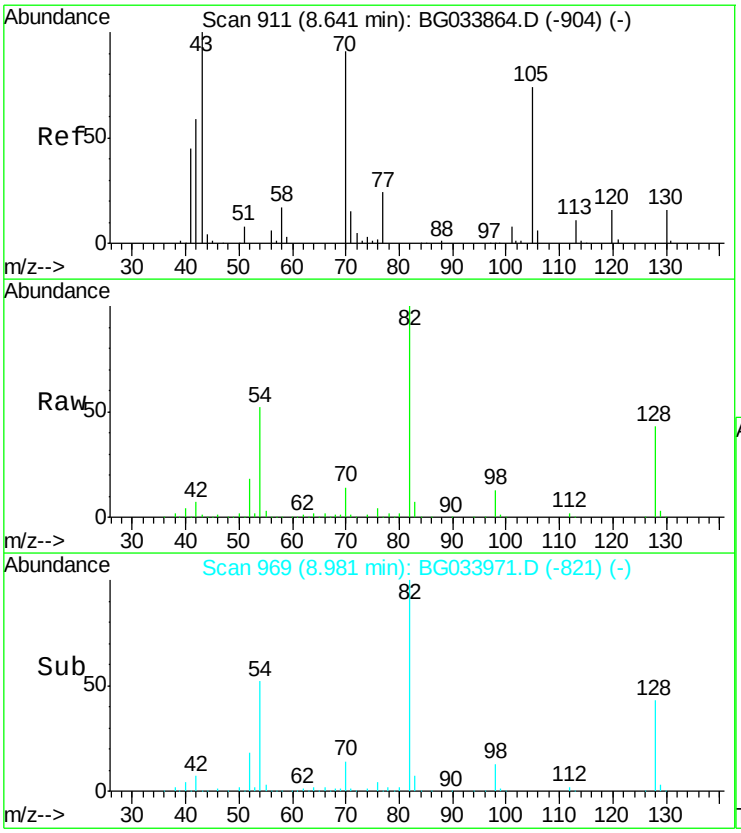
#7
Phenol-d6
Concen: 90.992 ng
RT: 7.00 min Scan# 632
Delta R.T. -0.00 min
Lab File: BG033971.D
Acq: 25 Apr 2018 3:04

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 734937

Ion	Ratio	Lower	Upper
99	100		
42	20.7	14.1	21.1
71	37.8	26.1	39.1

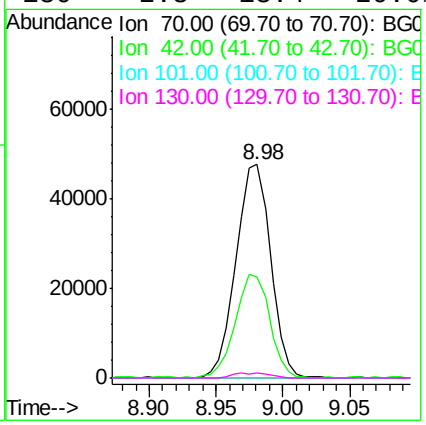


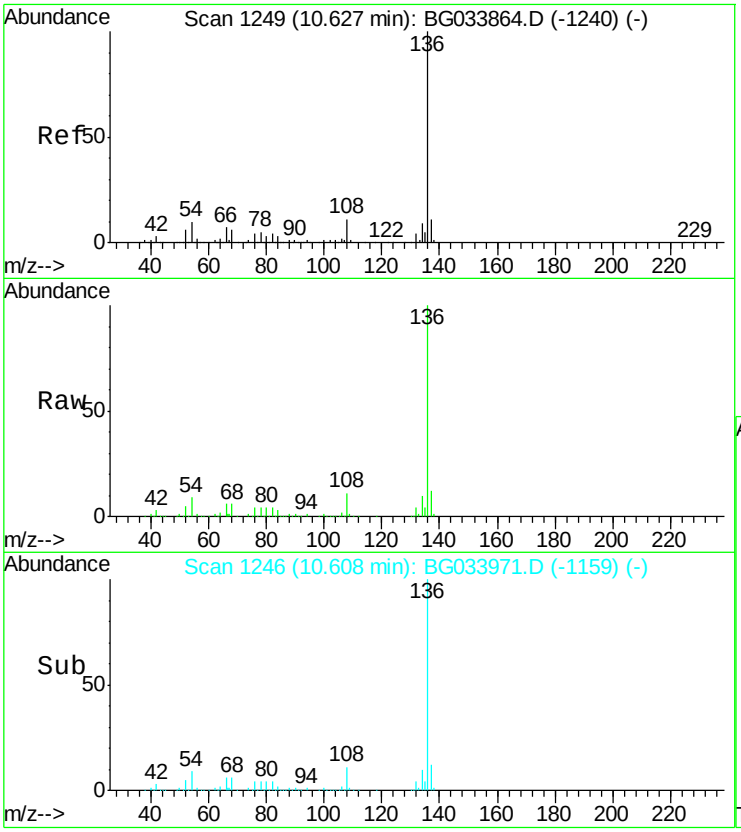


#19
n-Nitroso-di-n-propylamine
Concen: 12.495 ng
RT: 8.98 min Scan# 969
Delta R.T. 0.34 min
Lab File: BG033971.D
Acq: 25 Apr 2018 3:04

Tgt Ion: 70 Resp: 86030

Ion	Ratio	Lower	Upper
70	100		
42	47.6	49.1	73.7#
101	0.0	8.5	12.7#
130	2.3	13.4	20.0#



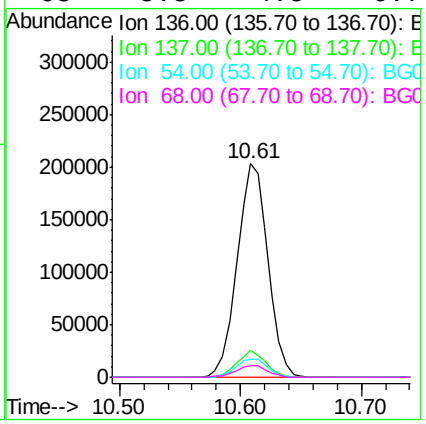


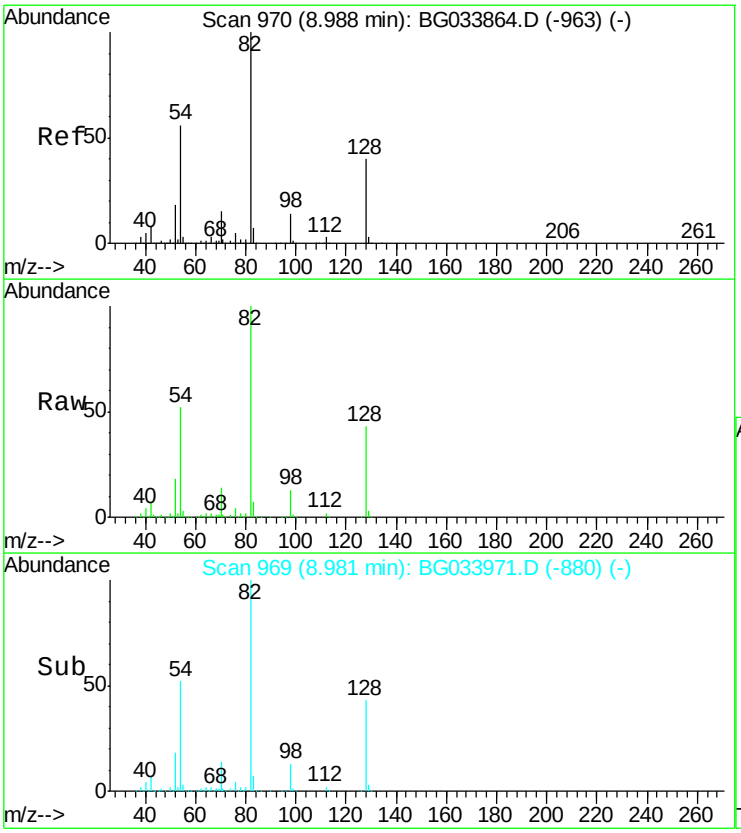
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.61 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BG033971.D
Acq: 25 Apr 2018 3:04

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 358923

Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.2	13.8
54	8.7	10.3	15.5#
68	5.5	4.5	6.7

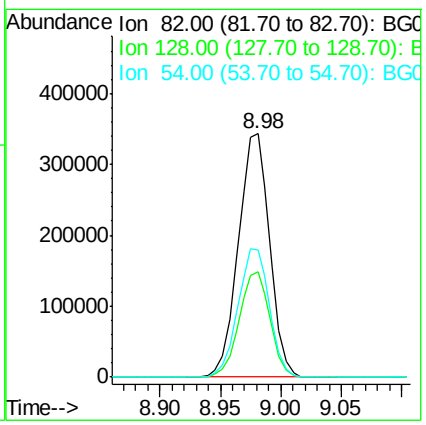


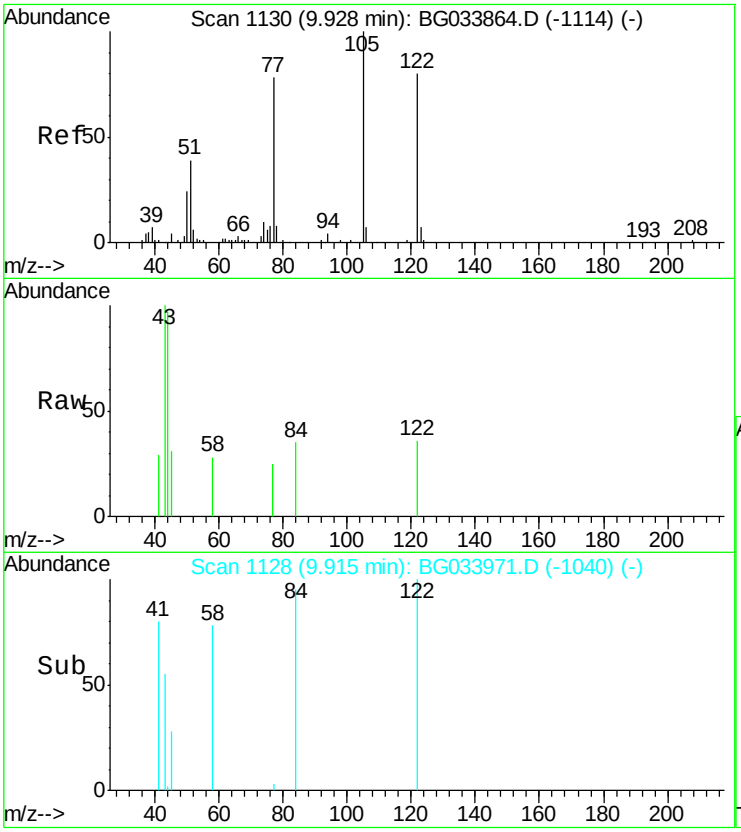


#23
Nitrobenzene-d5
Concen: 98.269 ng
RT: 8.98 min Scan# 969
Delta R.T. -0.01 min
Lab File: BG033971.D
Acq: 25 Apr 2018 3:04

Tgt Ion: 82 Resp: 619775

Ion	Ratio	Lower	Upper
82	100		
128	43.1	29.7	44.5
54	52.2	43.1	64.7



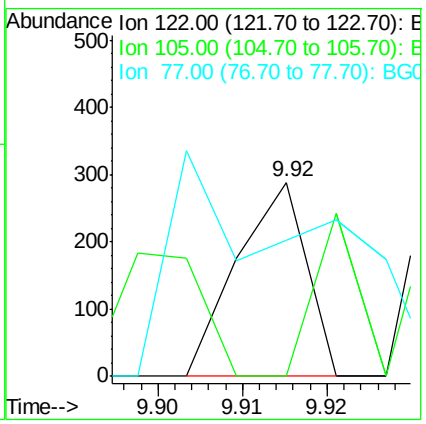


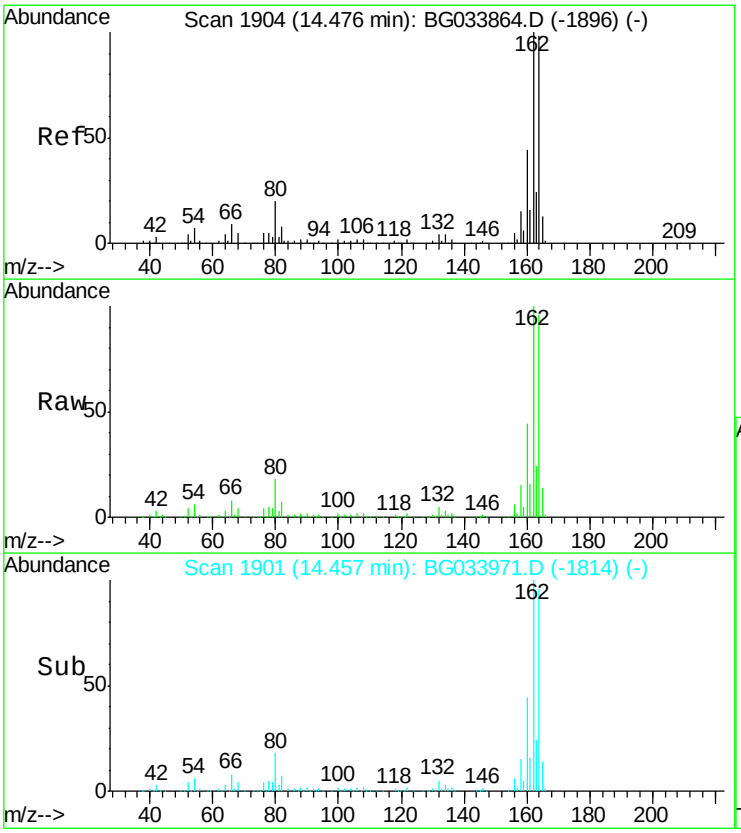
#32
Benzoic acid
Concen: 5.113 ng
RT: 9.92 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BG033971.D
Acq: 25 Apr 2018 3:04

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 164

Ion	Ratio	Lower	Upper
122	100		
105	0.0	123.5	163.5#
77	69.9	85.7	125.7#

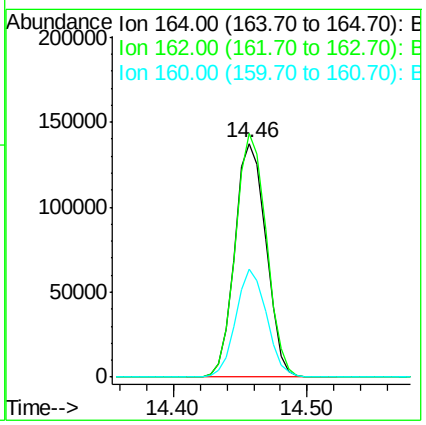


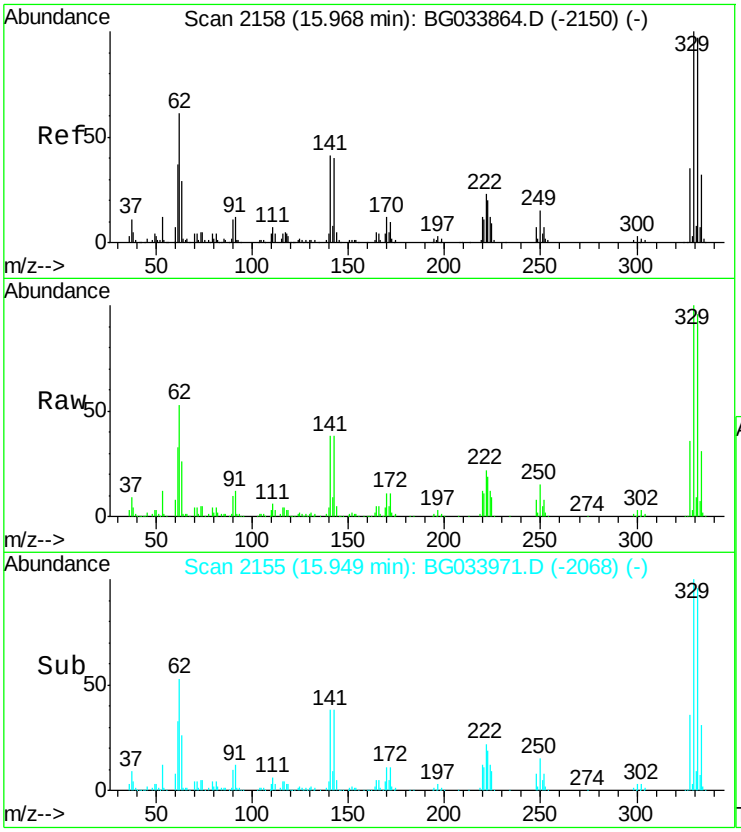


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1901
Delta R.T. -0.02 min
Lab File: BG033971.D
Acq: 25 Apr 2018 3:04

Tgt Ion:164 Resp: 222527

Ion	Ratio	Lower	Upper
164	100		
162	104.3	78.8	118.2
160	46.2	35.4	53.0



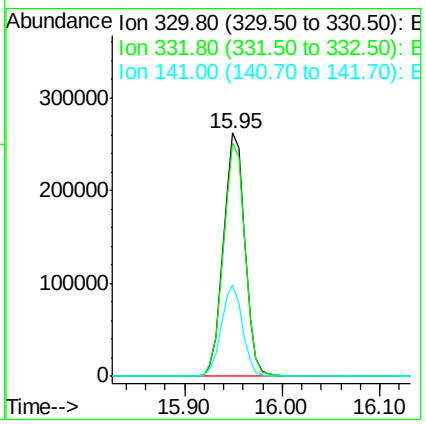


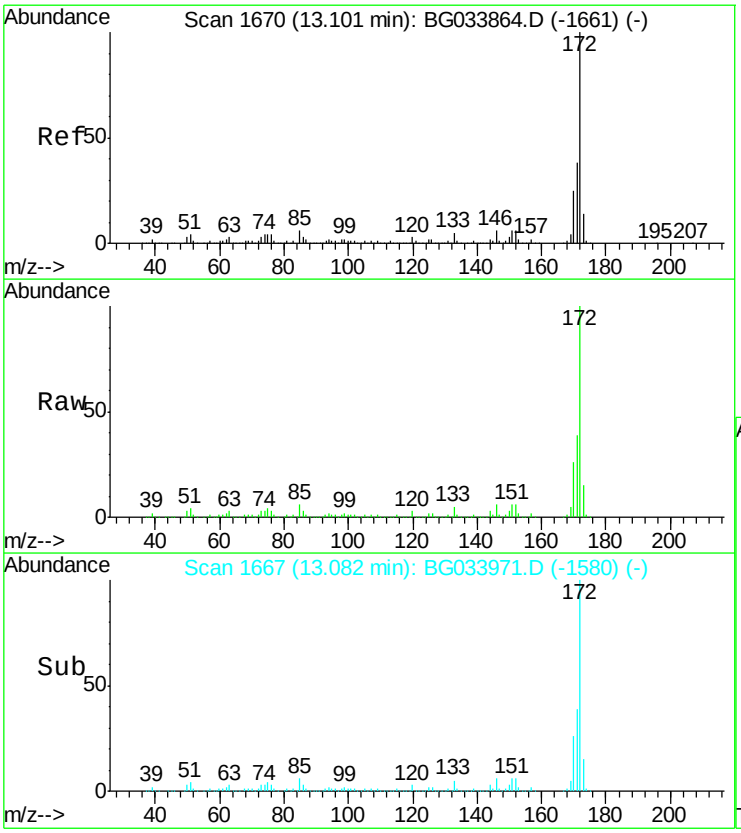
#41
2,4,6-Tribromophenol
Concen: 153.702 ng
RT: 15.95 min Scan# 2155
Delta R.T. -0.02 min
Lab File: BG033971.D
Acq: 25 Apr 2018 3:04

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 399031

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	37.2	25.2	37.8

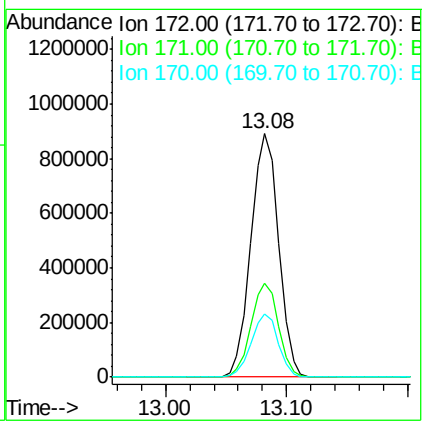


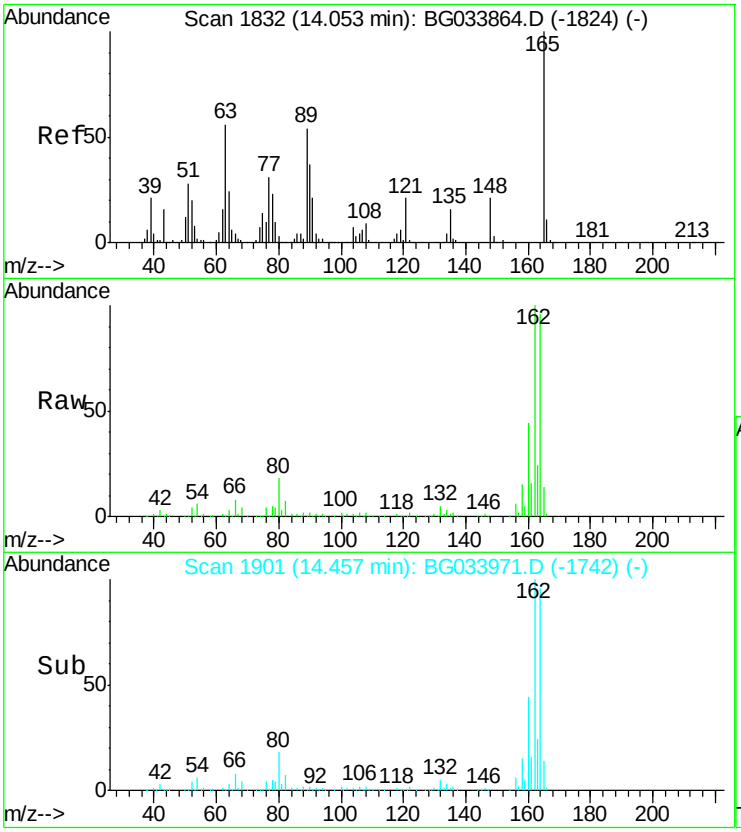


#44
2-Fluorobiphenyl
Concen: 94.069 ng
RT: 13.08 min Scan# 1667
Delta R.T. -0.02 min
Lab File: BG033971.D
Acq: 25 Apr 2018 3:04

Tgt Ion:172 Resp: 1424950

Ion	Ratio	Lower	Upper
172	100		
171	38.5	30.0	45.0
170	26.0	19.5	29.3



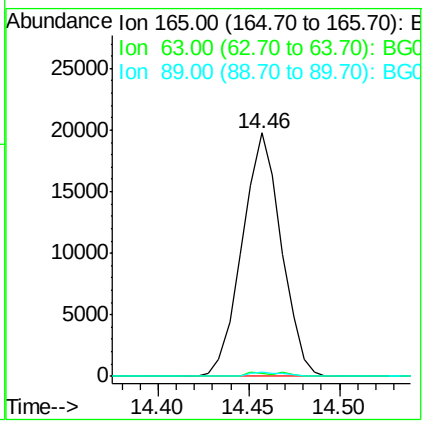


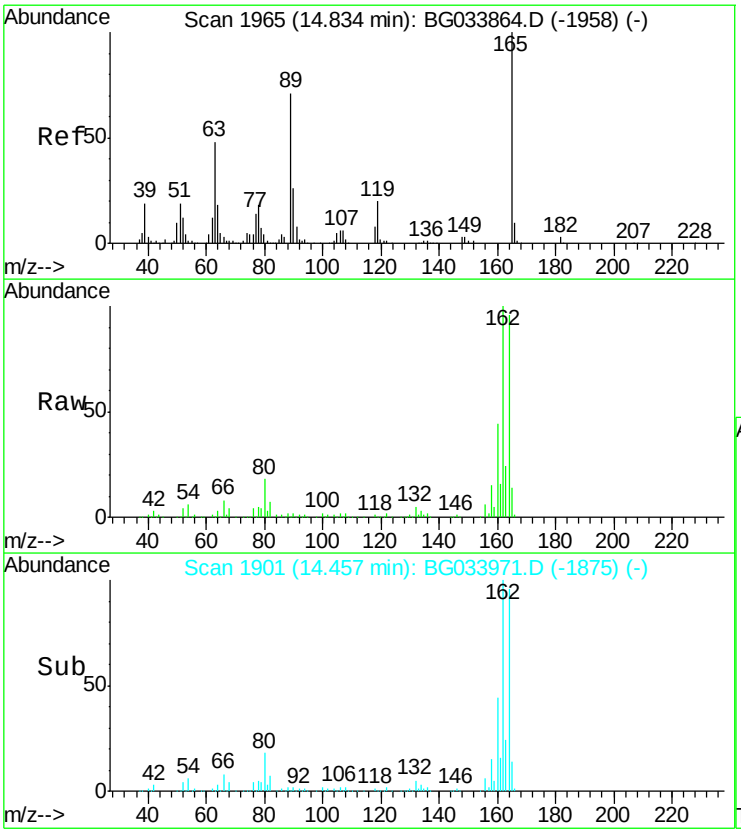
#50
2,6-Dinitrotoluene
Concen: 7.982 ng
RT: 14.46 min Scan# 1901
Delta R.T. 0.40 min
Lab File: BG033971.D
Acq: 25 Apr 2018 3:04

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 29610

Ion	Ratio	Lower	Upper
165	100		
63	1.3	52.7	79.1#
89	1.9	49.2	73.8#

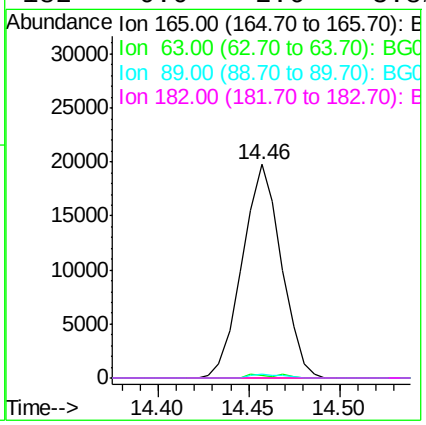


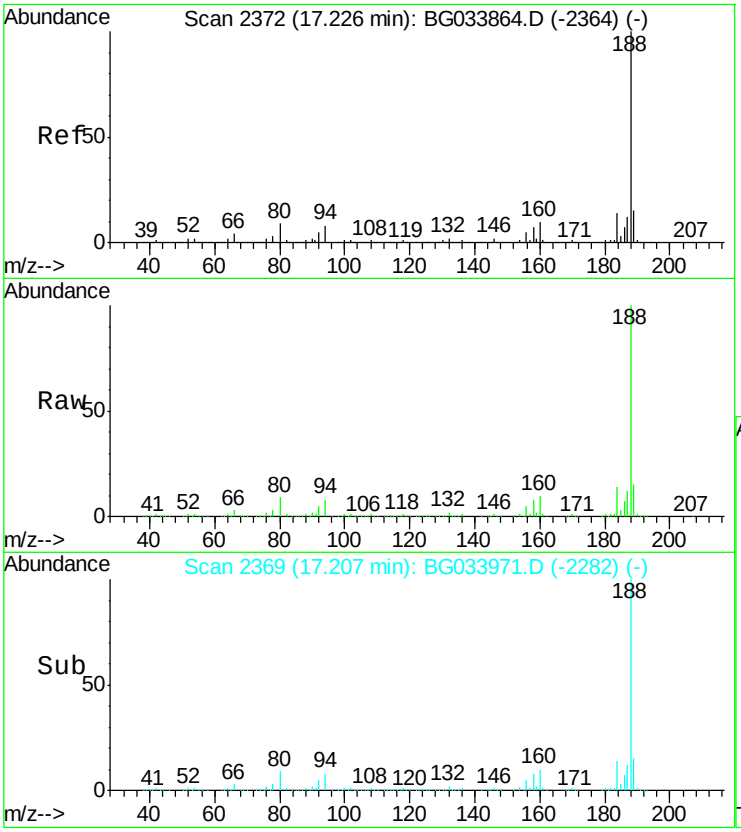


#56
2,4-Dinitrotoluene
Concen: 6.003 ng
RT: 14.46 min Scan# 1901
Delta R.T. -0.38 min
Lab File: BG033971.D
Acq: 25 Apr 2018 3:04

Tgt Ion:165 Resp: 29610

Ion	Ratio	Lower	Upper
165	100		
63	1.3	42.0	63.0#
89	1.9	66.9	100.3#
182	0.0	2.6	3.8#



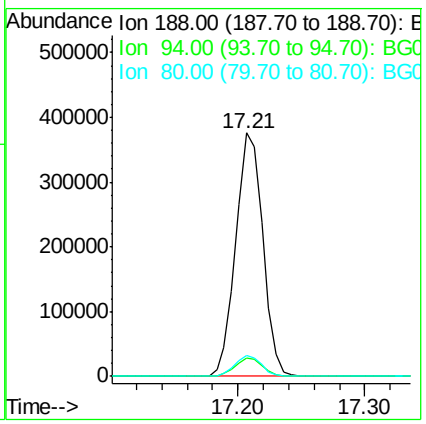


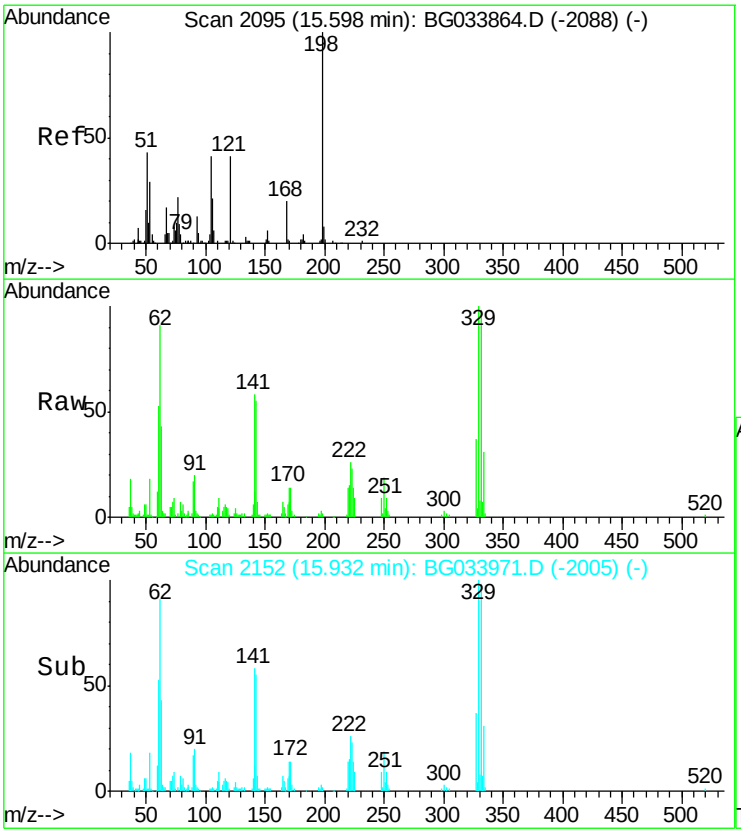
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.21 min Scan# 2369
Delta R.T. -0.02 min
Lab File: BG033971.D
Acq: 25 Apr 2018 3:04

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 554205

Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.9	10.3
80	8.8	7.7	11.5

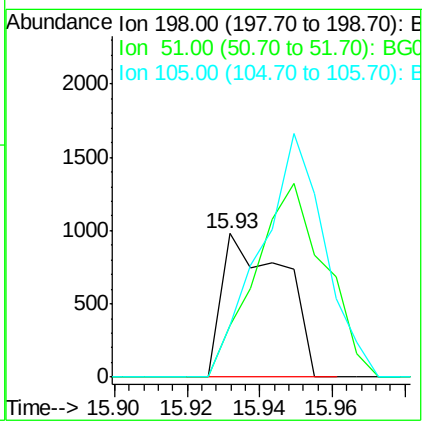


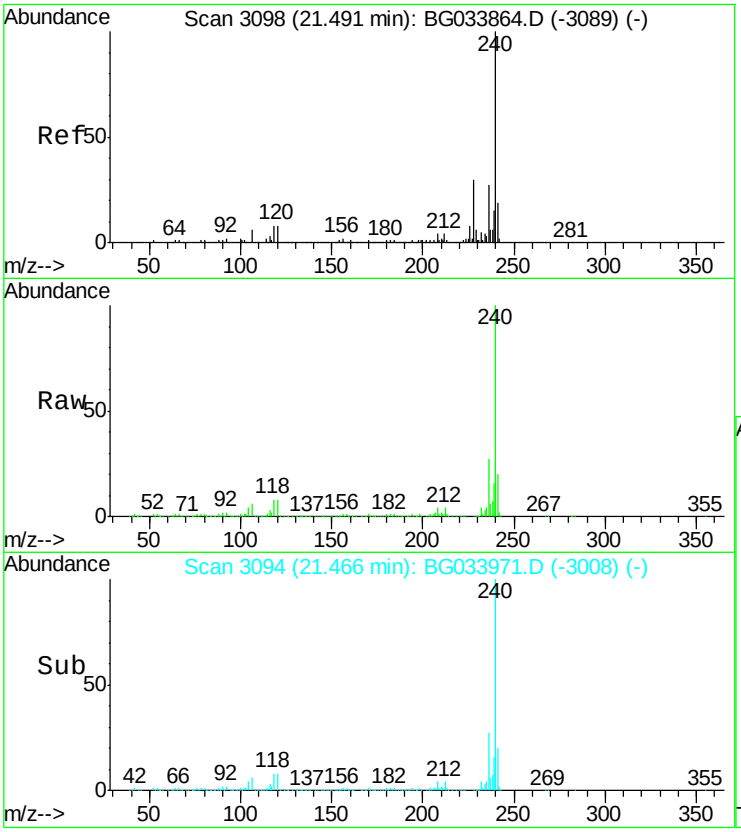


#64
4,6-Dinitro-2-methylphenol
Concen: 6.861 ng
RT: 15.93 min Scan# 2152
Delta R.T. 0.33 min
Lab File: BG033971.D
Acq: 25 Apr 2018 3:04

Tgt Ion:198 Resp: 1146

Ion	Ratio	Lower	Upper
198	100		
51	35.7	30.6	70.6
105	36.2	23.8	63.8



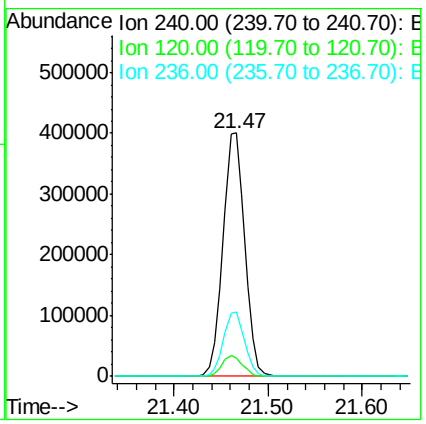


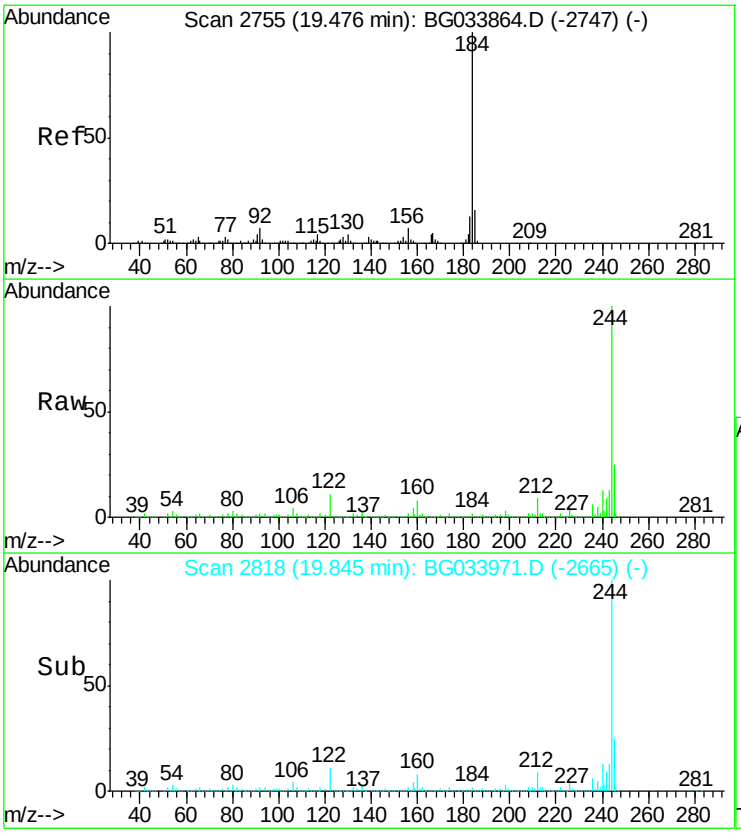
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.47 min Scan# 3094
Delta R.T. -0.02 min
Lab File: BG033971.D
Acq: 25 Apr 2018 3:04

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 644264

Ion	Ratio	Lower	Upper
240	100		
120	7.8	6.8	10.2
236	26.7	20.9	31.3

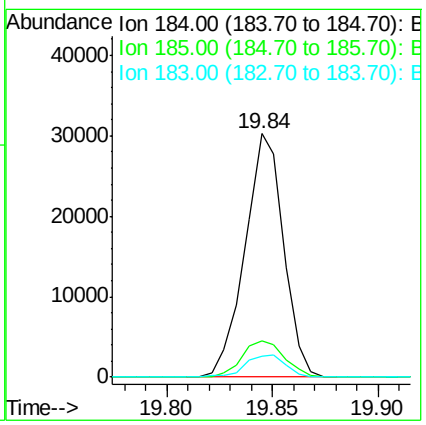


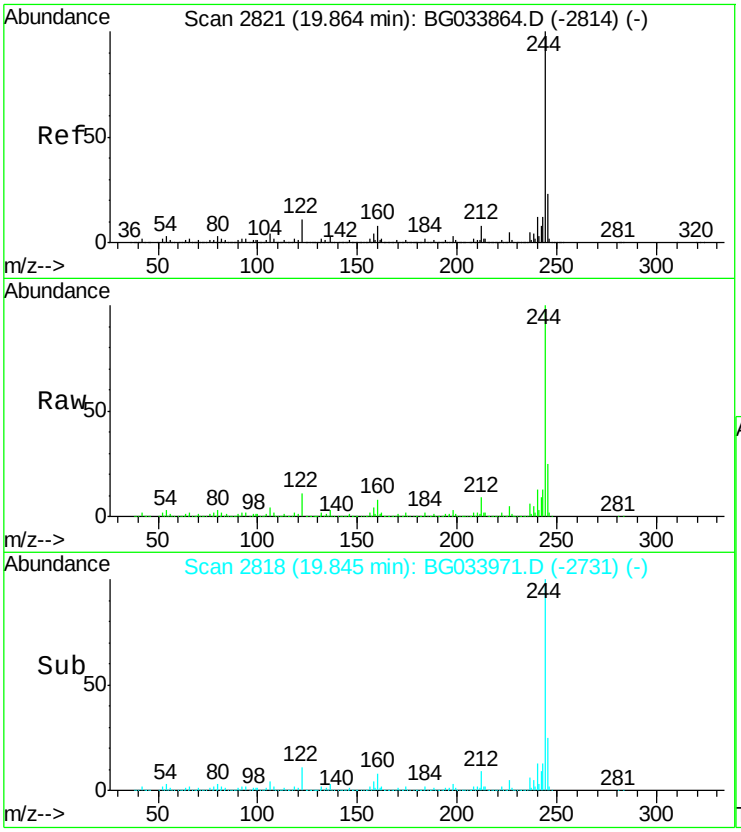


#76
Benzidine
Concen: 2.203 ng
RT: 19.84 min Scan# 2818
Delta R.T. 0.37 min
Lab File: BG033971.D
Acq: 25 Apr 2018 3:04

Tgt Ion:184 Resp: 38321

Ion	Ratio	Lower	Upper
184	100		
185	15.1	11.1	16.7
183	8.7	10.6	16.0#



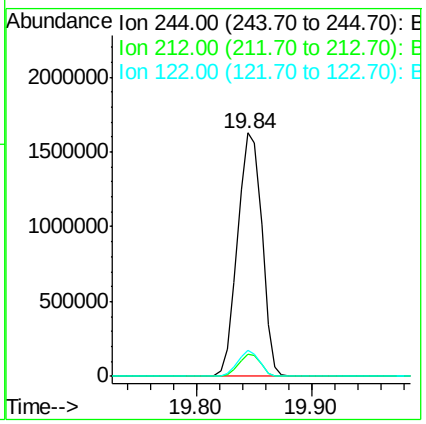


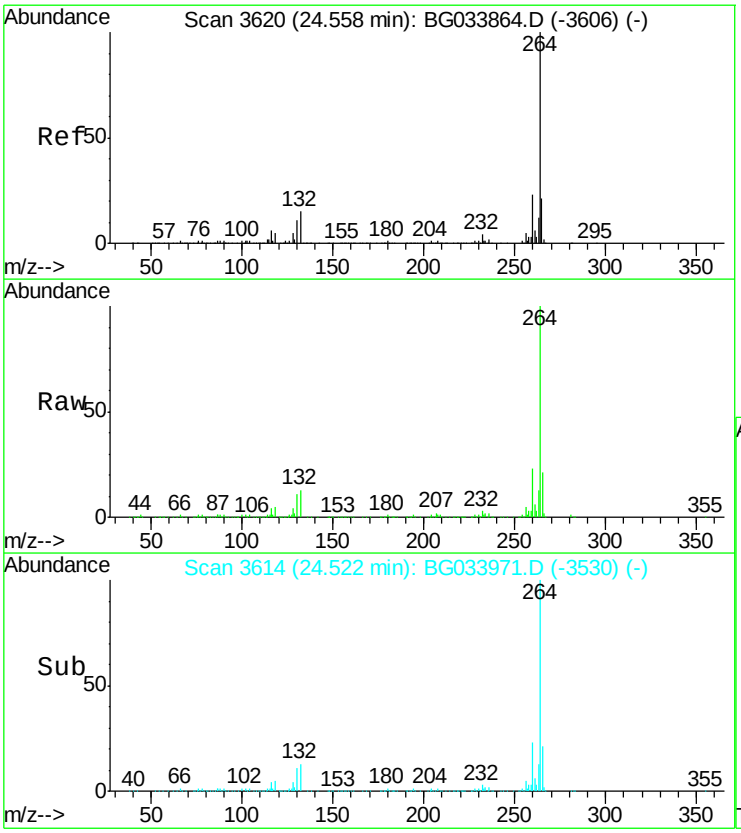
#78
Terphenyl-d14
Concen: 82.754 ng
RT: 19.84 min Scan# 2818
Delta R.T. -0.02 min
Lab File: BG033971.D
Acq: 25 Apr 2018 3:04

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 2373133

Ion	Ratio	Lower	Upper
244	100		
212	9.0	5.8	8.8#
122	10.8	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.52 min Scan# 3614
Delta R.T. -0.04 min
Lab File: BG033971.D
Acq: 25 Apr 2018 3:04

Tgt Ion:264 Resp: 649444

Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.4	26.0
265	21.4	17.7	26.5