Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042418\
Data File : BG033956.D
Acq On : 24 Apr 2018 16:15
Operator : SJ/JU
Sample : J2471-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Apr 25 00:01:04 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	7.82	152	71777	20.00	ng	-0.01
21) Naphthalene-d8	10.61	136	301234	20.00	ng	-0.02
38) Acenaphthene-d10	14.46	164	187826	20.00	ng	-0.02
63) Phenanthrene-d10	17.21	188	463595	20.00	ng	-0.02
75) Chrysene-d12	21.47	240	538481	20.00	ng	-0.02
86) Perylene-d12	24.52	264	556549	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	313669	69.77	ng	0.00
7) Phenol-d6	7.00	99	253446	38.65	ng	0.00
23) Nitrobenzene-d5	8.98	82	552302	104.34	ng	-0.01
41) 2,4,6-Tribromophenol	15.95	330	369646	168.69	ng	-0.02
44) 2-Fluorobiphenyl	13.08	172	1240982	97.06	ng	-0.02
78) Terphenyl-d14	19.85	244	2164041	90.29	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.98	77	494	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	8.98	70	76952	13.767	ng	# 76
32) Benzoic acid	9.79	122	2244	5.556	ng	# 9
49) Dimethylphthalate	13.92	163	37531	2.272	ng	98
50) 2,6-Dinitrotoluene	14.46	165	25932	8.282	ng	# 20
56) 2,4-Dinitrotoluene	14.46	165	25932	6.228	ng	# 18
64) 4,6-Dinitro-2-methylphenol	15.94	198	1633	7.122	ng	87
66) 4-Bromophenyl-phenylether	15.96	248	19995	3.927	ng	# 1
76) Benzidine	19.85	184	36731	2.526	ng	# 93

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042418\
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
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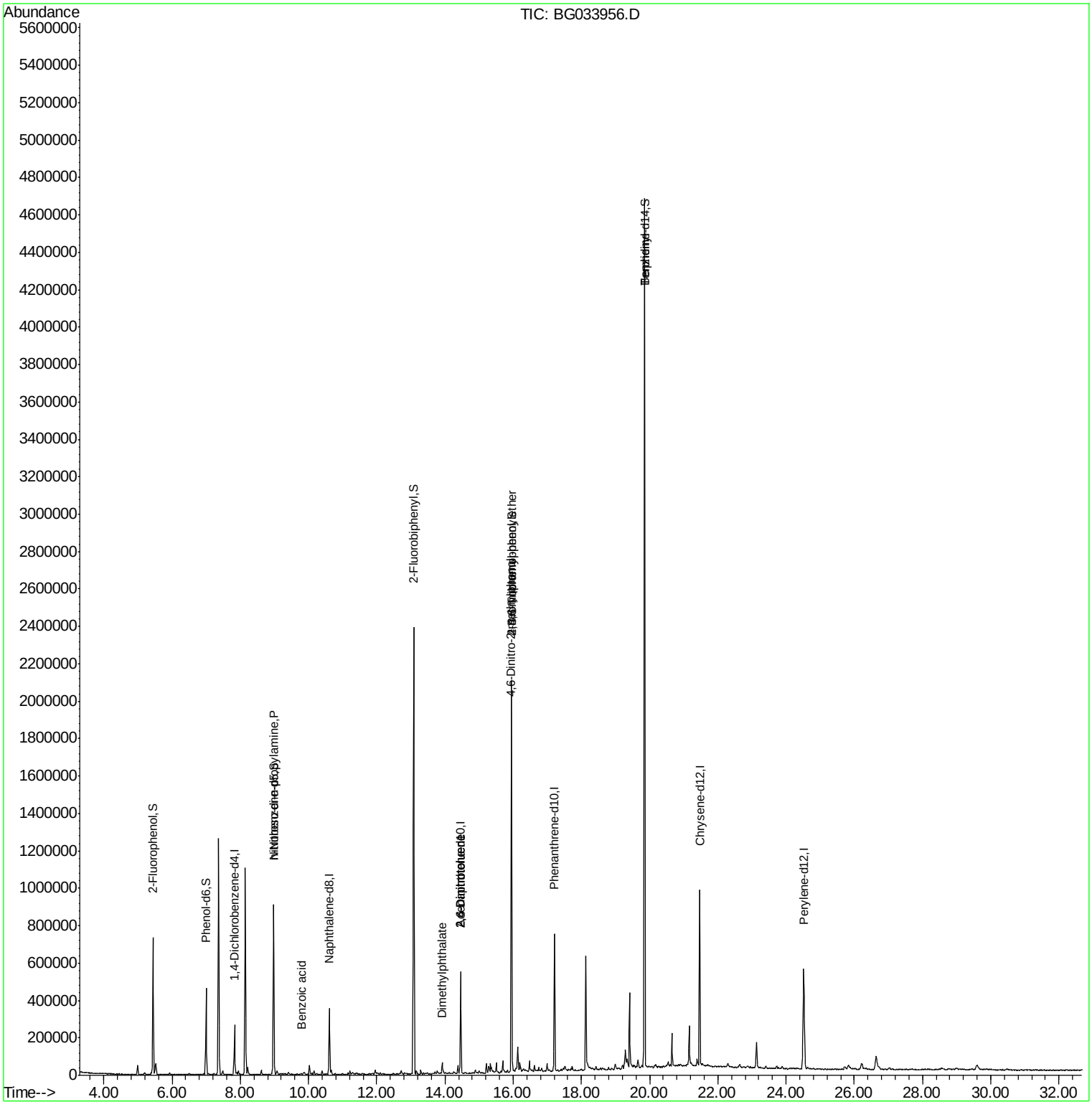
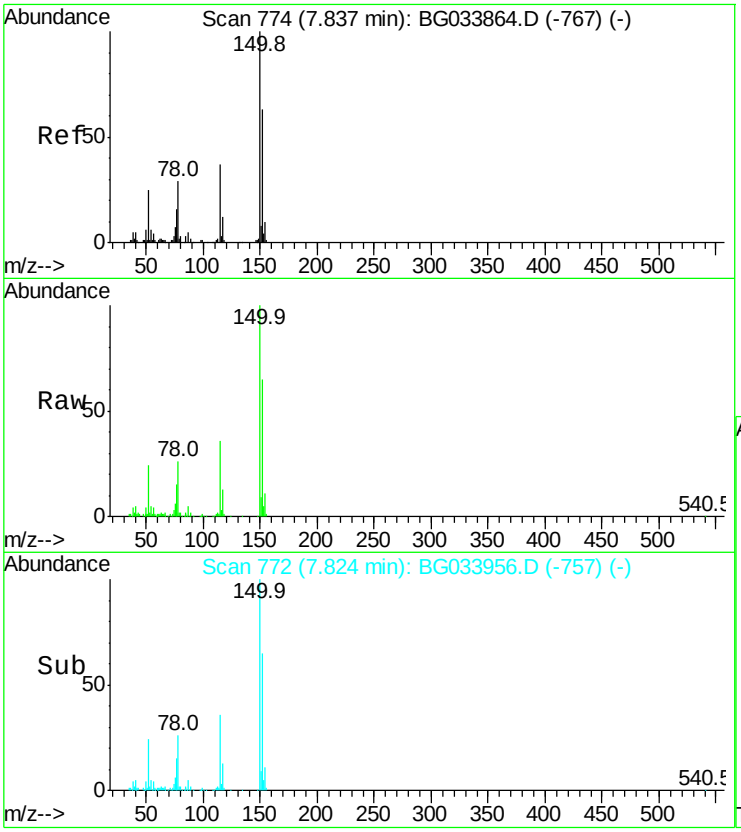
Response via : Initial Calibration



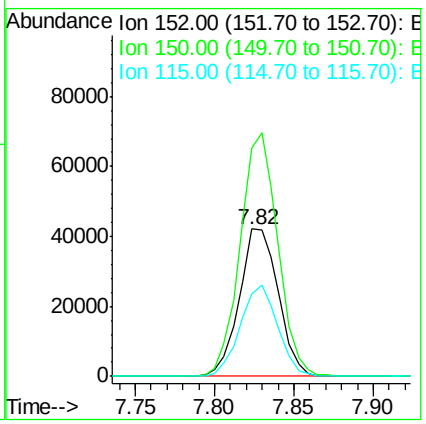


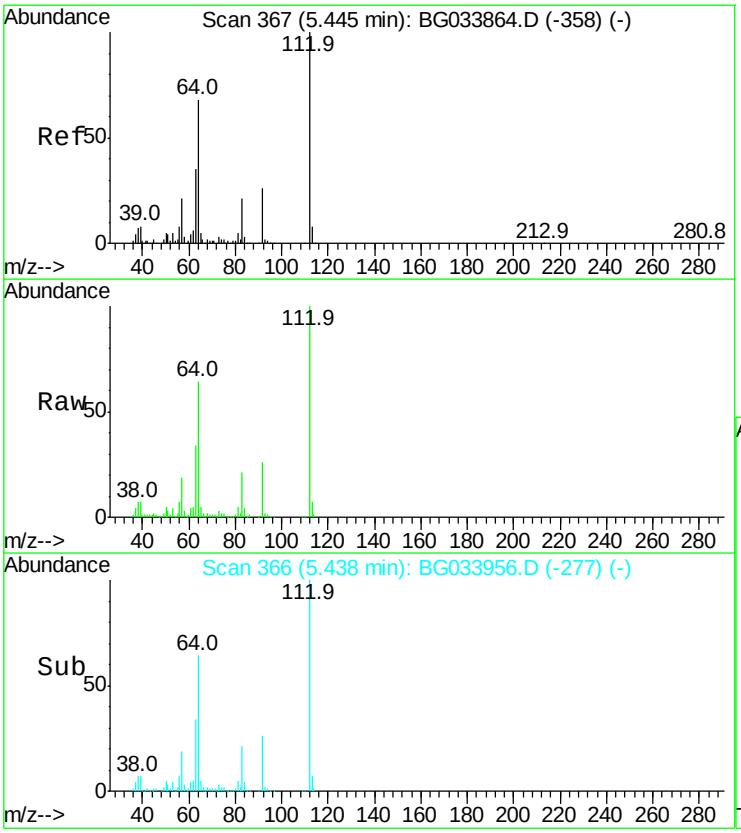
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.82 min Scan# 772
Delta R.T. -0.01 min
Lab File: BG033956.D
Acq: 24 Apr 2018 16:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 71777

Ion	Ratio	Lower	Upper
152	100		
150	154.9	126.6	189.8
115	56.1	53.0	79.4

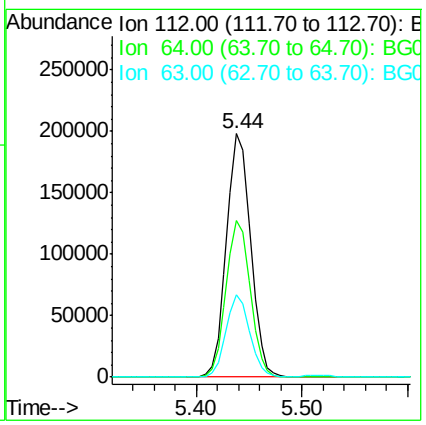


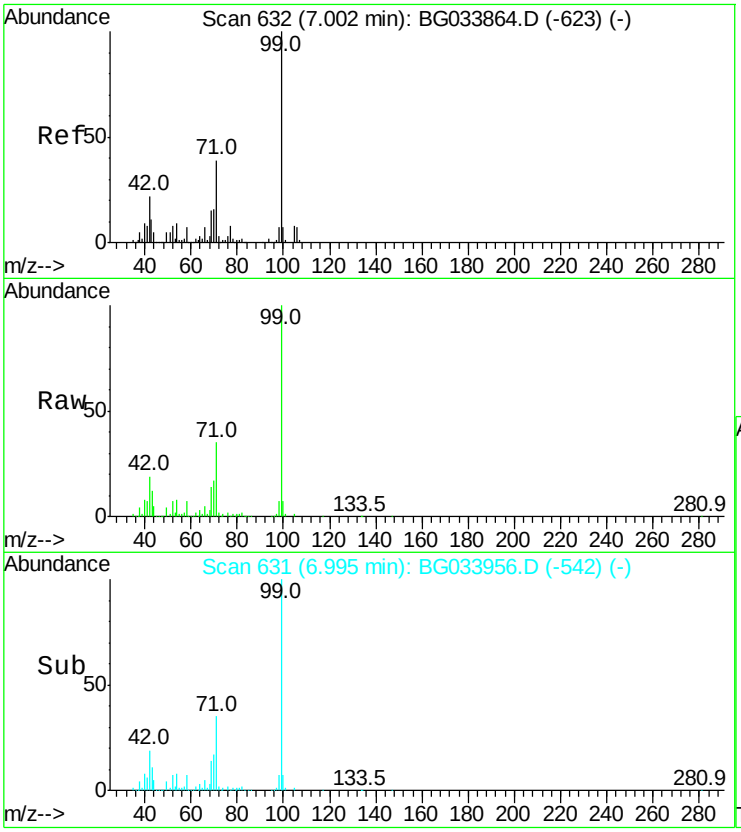


#5
2-Fluorophenol
Concen: 69.769 ng
RT: 5.44 min Scan# 366
Delta R.T. -0.01 min
Lab File: BG033956.D
Acq: 24 Apr 2018 16:15

Tgt Ion:112 Resp: 313669

Ion	Ratio	Lower	Upper
112	100		
64	64.3	56.3	84.5
63	34.0	30.1	45.1



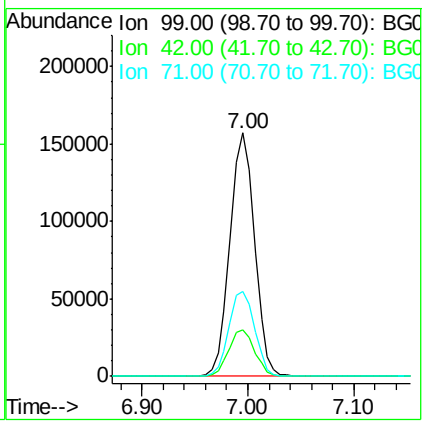


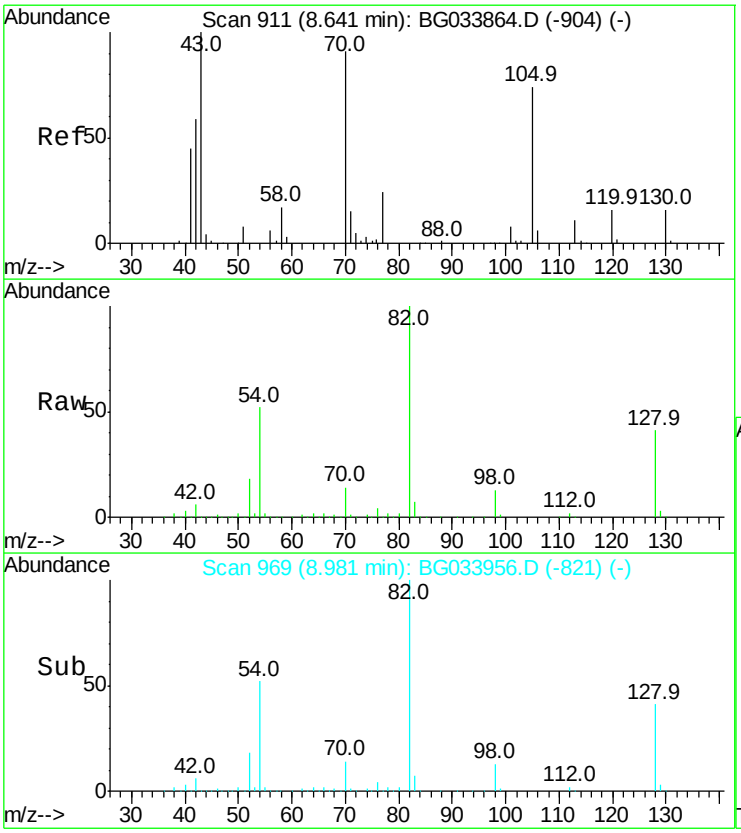
#7
Phenol-d6
Concen: 38.650 ng
RT: 7.00 min Scan# 631
Delta R.T. -0.01 min
Lab File: BG033956.D
Acq: 24 Apr 2018 16:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 253446

Ion	Ratio	Lower	Upper
99	100		
42	19.1	14.1	21.1
71	35.0	26.1	39.1

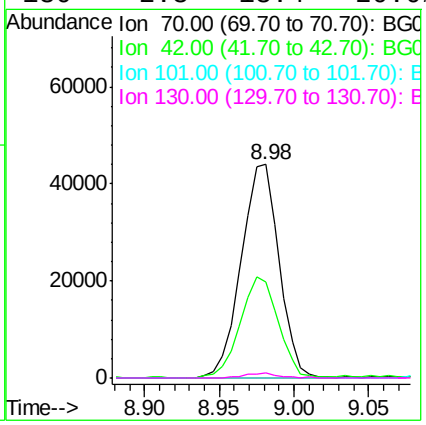


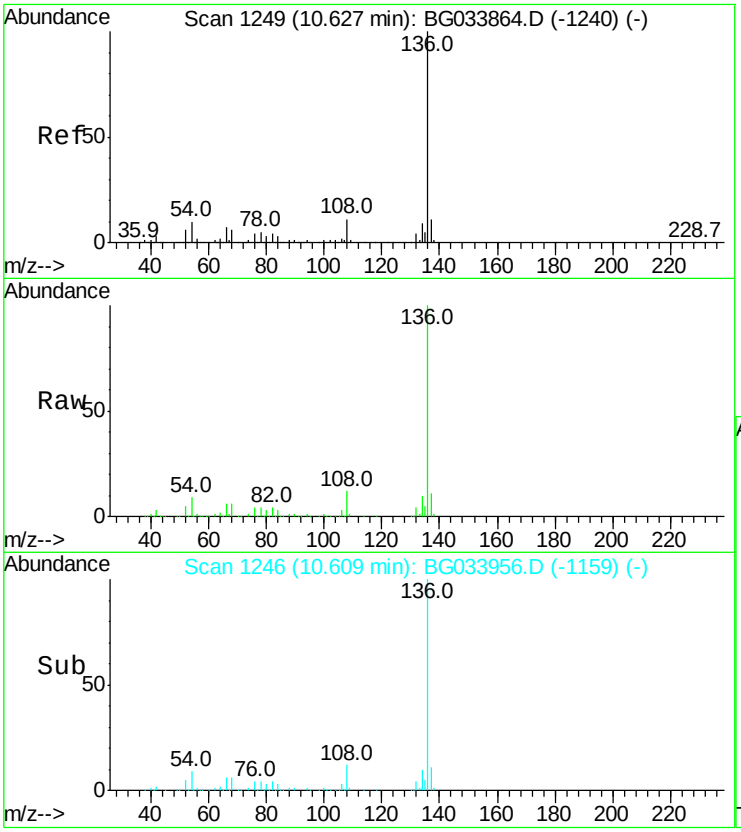


#19
n-Nitroso-di-n-propylamine
Concen: 13.767 ng
RT: 8.98 min Scan# 969
Delta R.T. 0.34 min
Lab File: BG033956.D
Acq: 24 Apr 2018 16:15

Tgt Ion: 70 Resp: 76952

Ion	Ratio	Lower	Upper
70	100		
42	45.2	49.1	73.7#
101	0.0	8.5	12.7#
130	2.3	13.4	20.0#



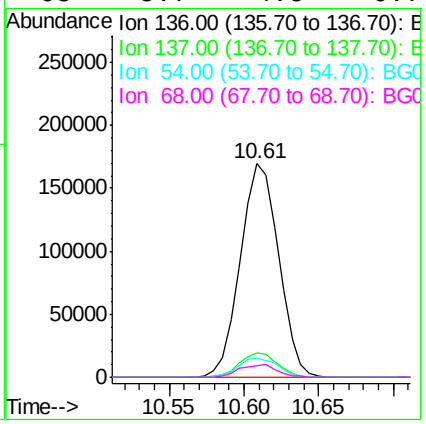


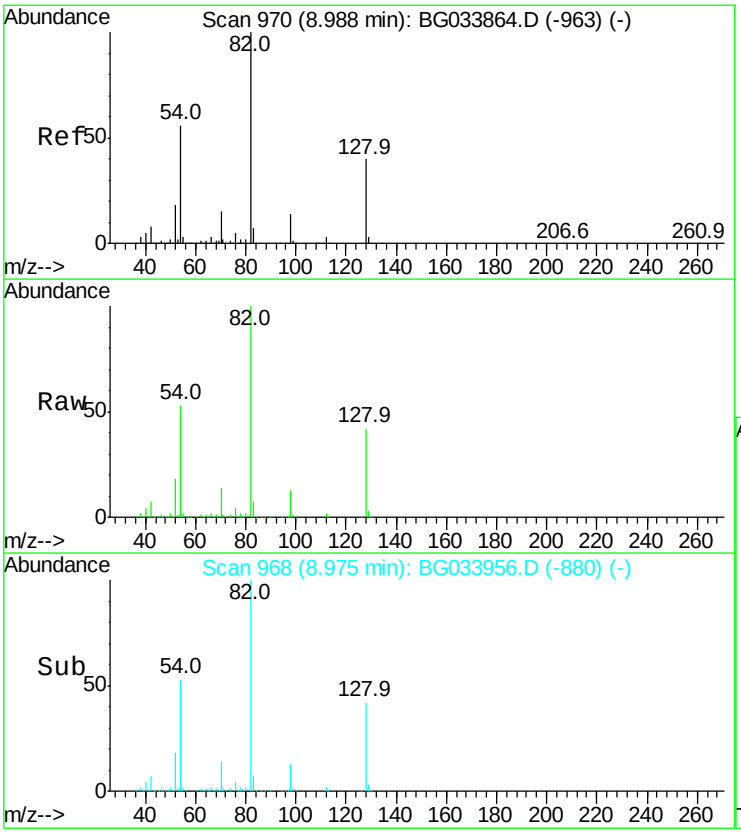
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.61 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BG033956.D
Acq: 24 Apr 2018 16:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 301234

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	8.8	10.3	15.5#
68	5.7	4.5	6.7

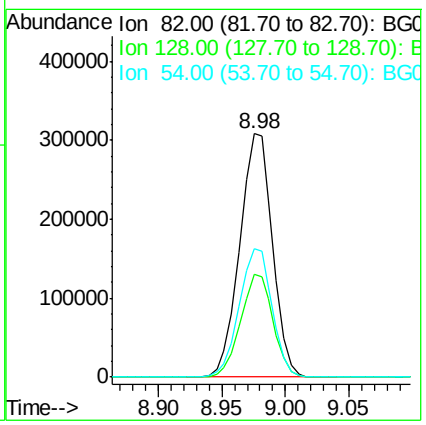


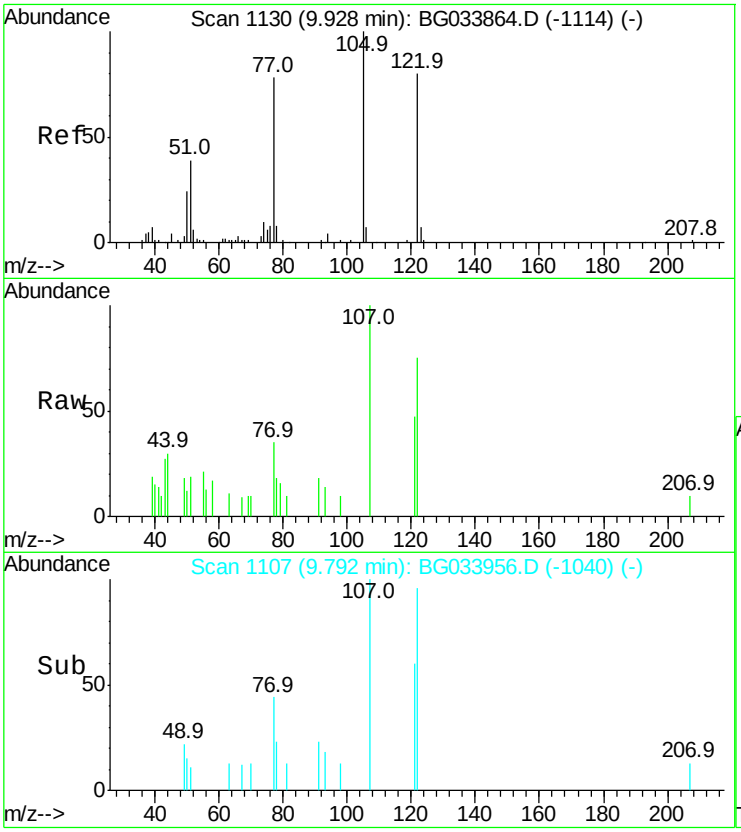


#23
Nitrobenzene-d5
Concen: 104.342 ng
RT: 8.98 min Scan# 968
Delta R.T. -0.01 min
Lab File: BG033956.D
Acq: 24 Apr 2018 16:15

Tgt Ion: 82 Resp: 552302

Ion	Ratio	Lower	Upper
82	100		
128	42.5	29.7	44.5
54	52.8	43.1	64.7

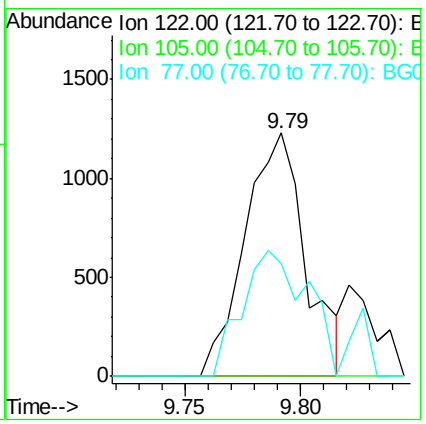




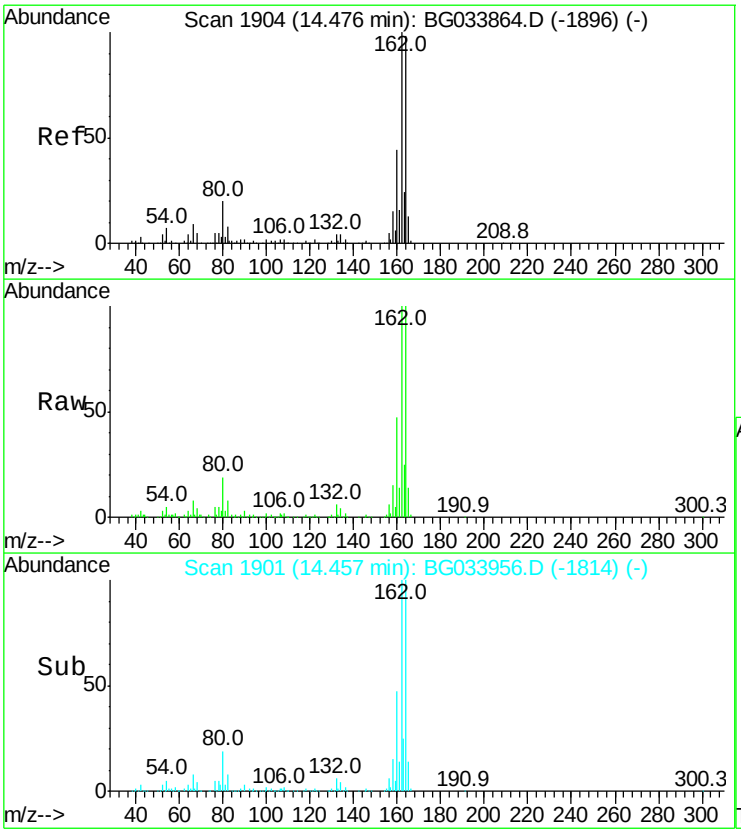
#32
Benzoic acid
Concen: 5.556 ng
RT: 9.79 min Scan# 1107
Delta R.T. -0.14 min
Lab File: BG033956.D
Acq: 24 Apr 2018 16:15

Tgt Ion:122 Resp: 2244

Ion	Ratio	Lower	Upper
122	100		
105	0.0	123.5	163.5#
77	46.5	85.7	125.7#



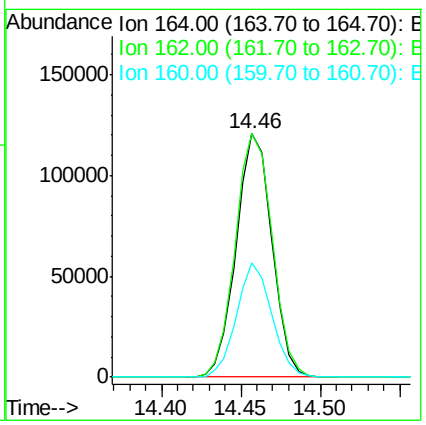
Instrument :
BNA_G
ClientSampleId :

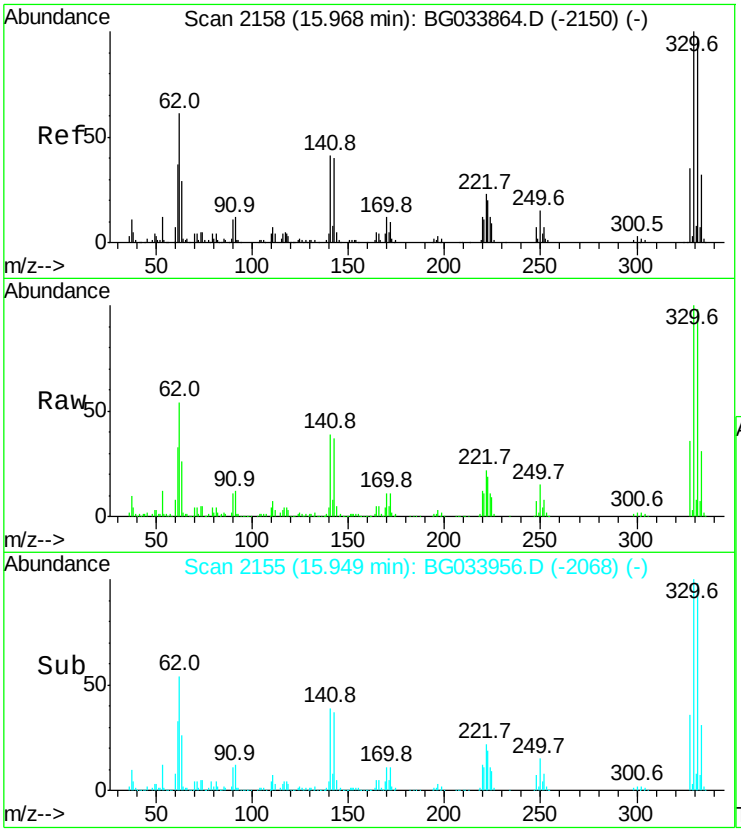


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1901
Delta R.T. -0.02 min
Lab File: BG033956.D
Acq: 24 Apr 2018 16:15

Tgt Ion:164 Resp: 187826

Ion	Ratio	Lower	Upper
164	100		
162	99.9	78.8	118.2
160	46.8	35.4	53.0



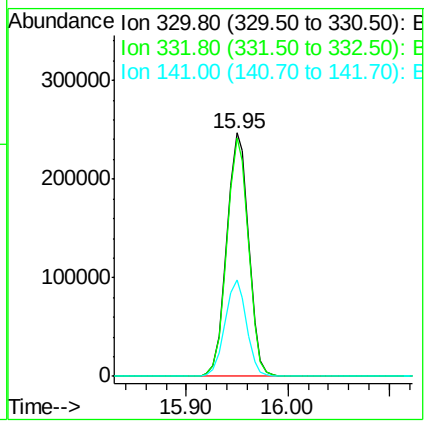


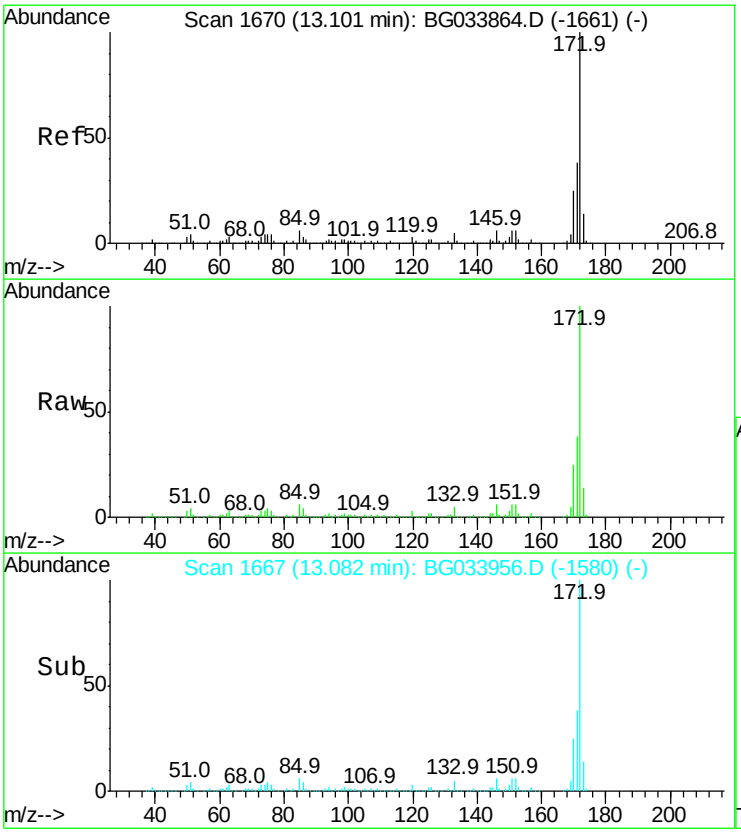
#41
2,4,6-Tribromophenol
Concen: 168.689 ng
RT: 15.95 min Scan# 2155
Delta R.T. -0.02 min
Lab File: BG033956.D
Acq: 24 Apr 2018 16:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 369646

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	38.7	25.2	37.8#

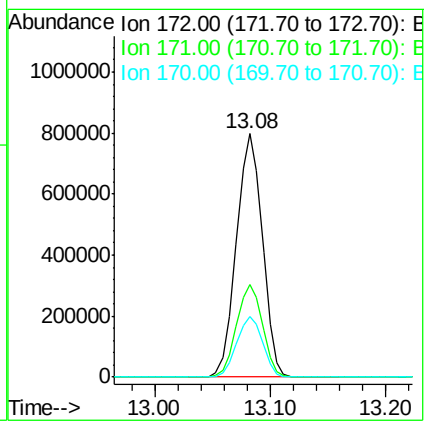


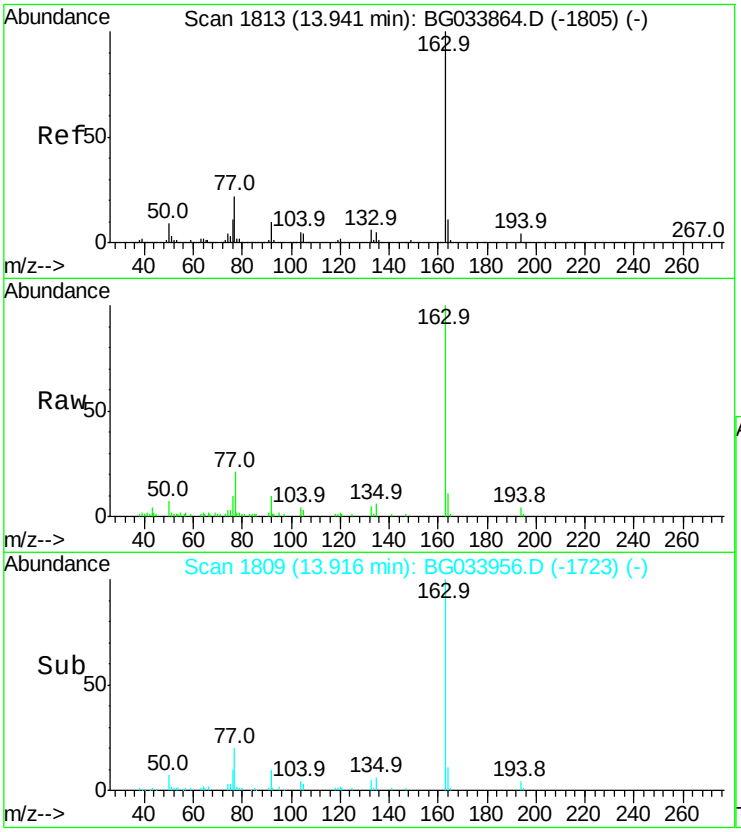


#44
2-Fluorobiphenyl
Concen: 97.060 ng
RT: 13.08 min Scan# 1667
Delta R.T. -0.02 min
Lab File: BG033956.D
Acq: 24 Apr 2018 16:15

Tgt Ion:172 Resp: 1240982

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



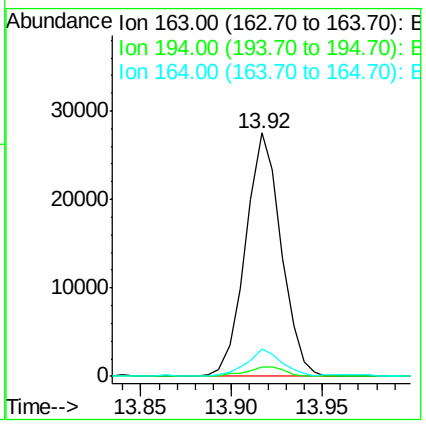


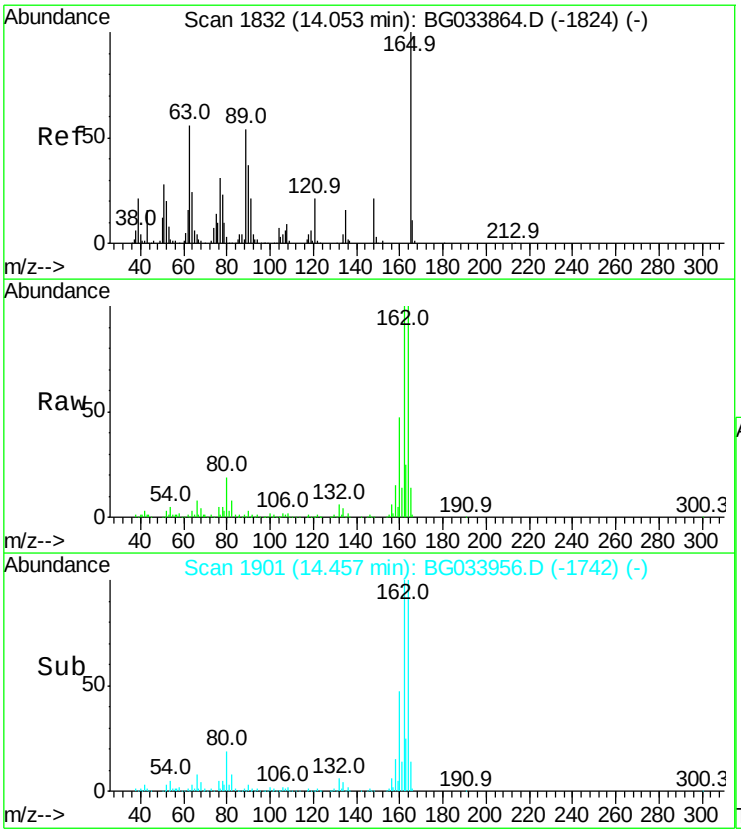
#49
Dimethylphthalate
Concen: 2.272 ng
RT: 13.92 min Scan# 1809
Delta R.T. -0.02 min
Lab File: BG033956.D
Acq: 24 Apr 2018 16:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 37531

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.2
164	11.3	8.2	12.4

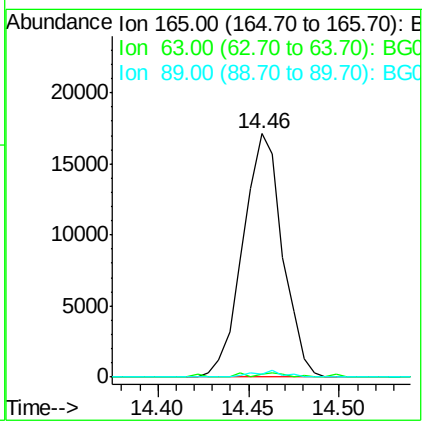


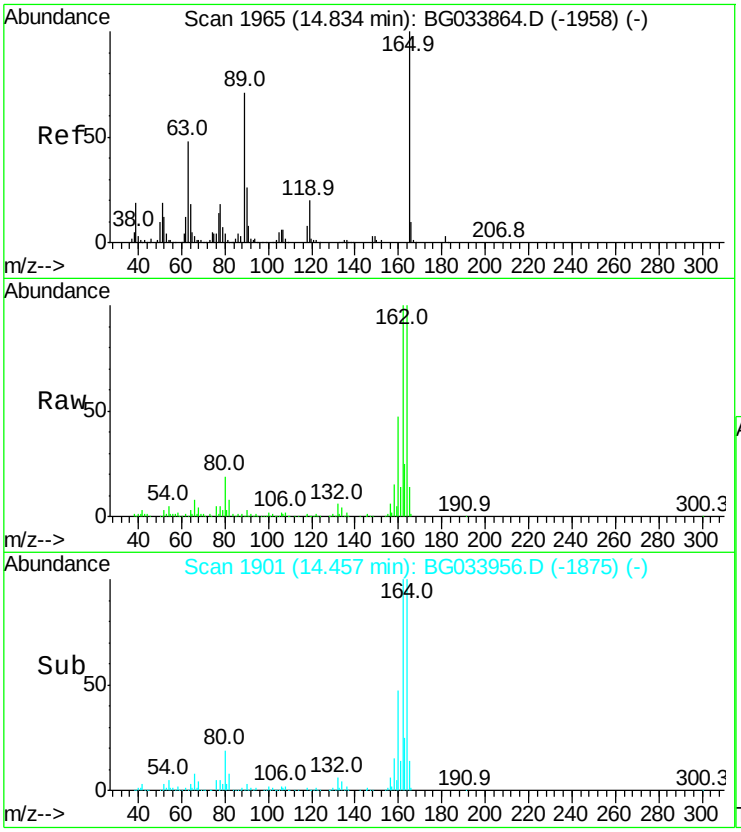


#50
2,6-Dinitrotoluene
Concen: 8.282 ng
RT: 14.46 min Scan# 1901
Delta R.T. 0.40 min
Lab File: BG033956.D
Acq: 24 Apr 2018 16:15

Tgt Ion:165 Resp: 25932

Ion	Ratio	Lower	Upper
165	100		
63	1.3	52.7	79.1#
89	1.0	49.2	73.8#



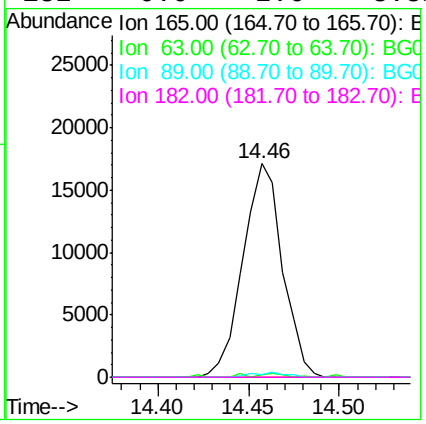


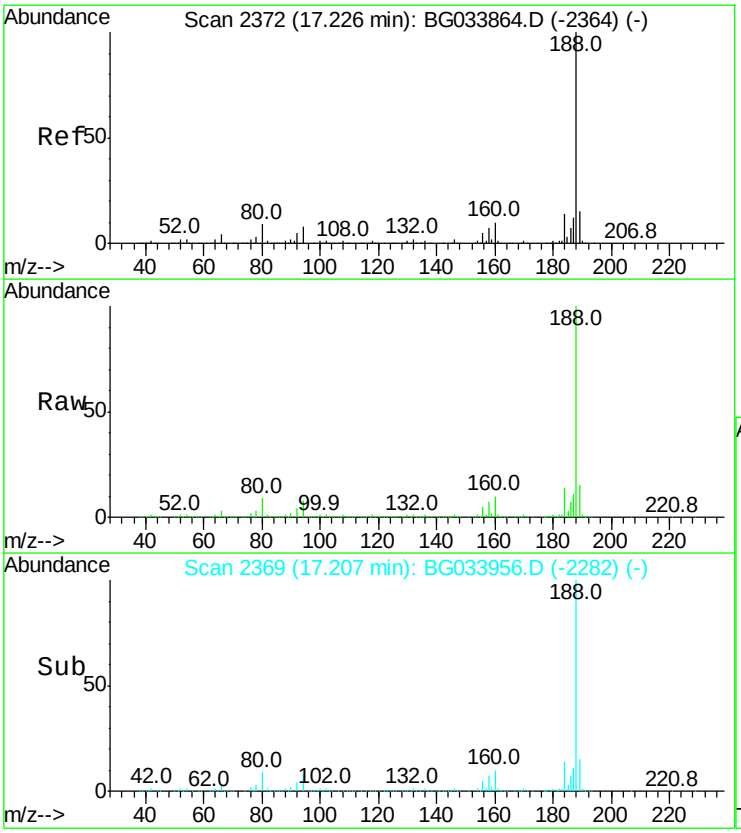
#56
2,4-Dinitrotoluene
Concen: 6.228 ng
RT: 14.46 min Scan# 1901
Delta R.T. -0.38 min
Lab File: BG033956.D
Acq: 24 Apr 2018 16:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 25932

Ion	Ratio	Lower	Upper
165	100		
63	1.3	42.0	63.0#
89	1.0	66.9	100.3#
182	0.0	2.6	3.8#

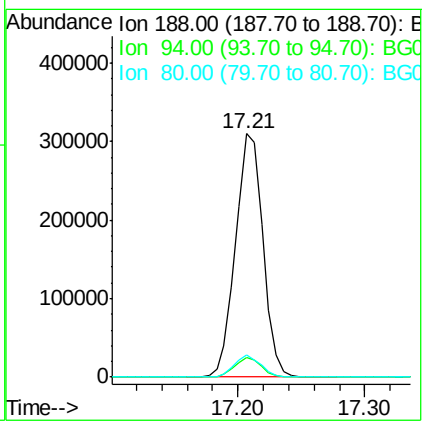


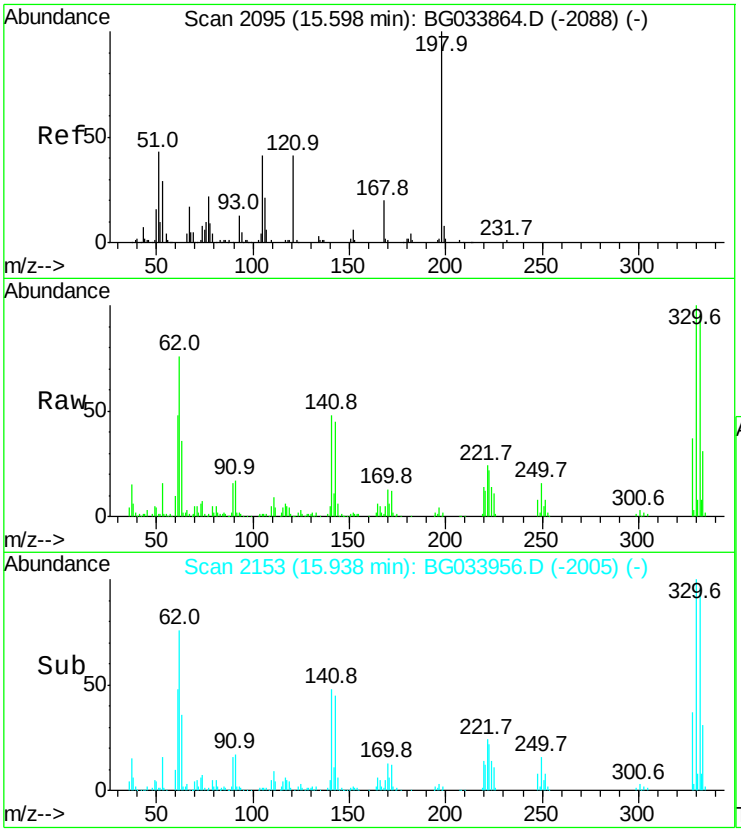


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.21 min Scan# 2369
Delta R.T. -0.02 min
Lab File: BG033956.D
Acq: 24 Apr 2018 16:15

Tgt Ion:188 Resp: 463595

Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.9	10.3
80	9.2	7.7	11.5



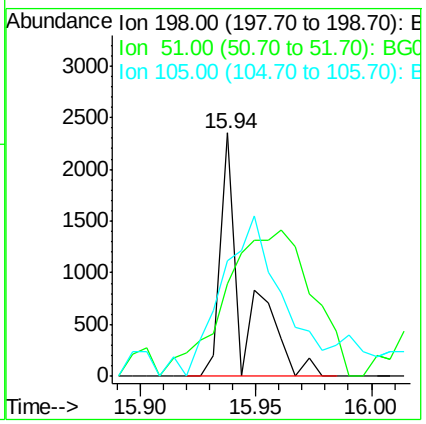


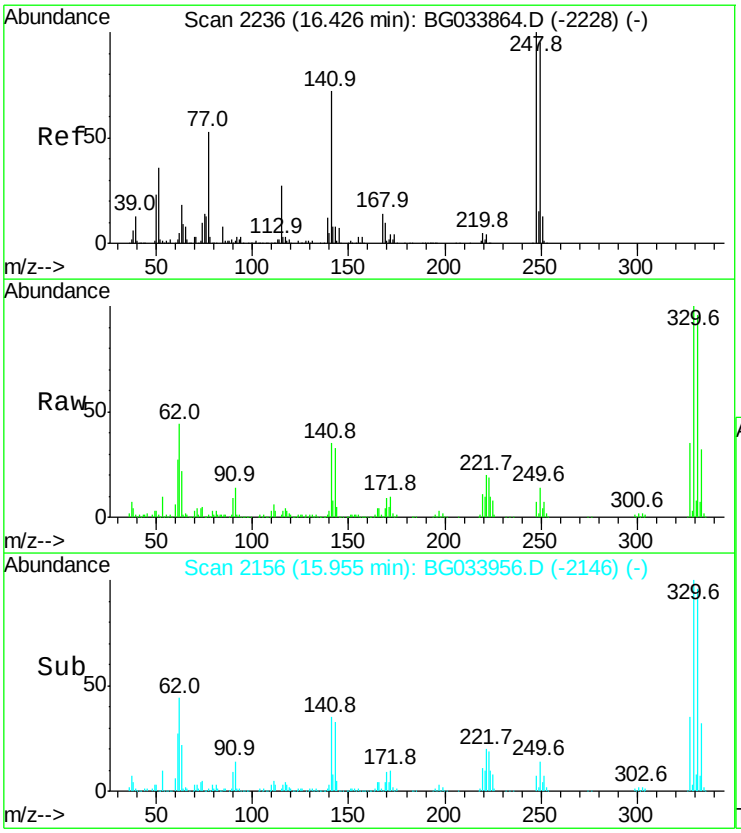
#64
4,6-Dinitro-2-methylphenol
Concen: 7.122 ng
RT: 15.94 min Scan# 2153
Delta R.T. 0.34 min
Lab File: BG033956.D
Acq: 24 Apr 2018 16:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 1633

Ion	Ratio	Lower	Upper
198	100		
51	37.9	30.6	70.6
105	47.7	23.8	63.8

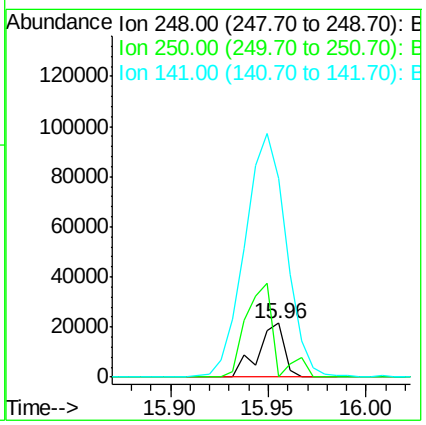


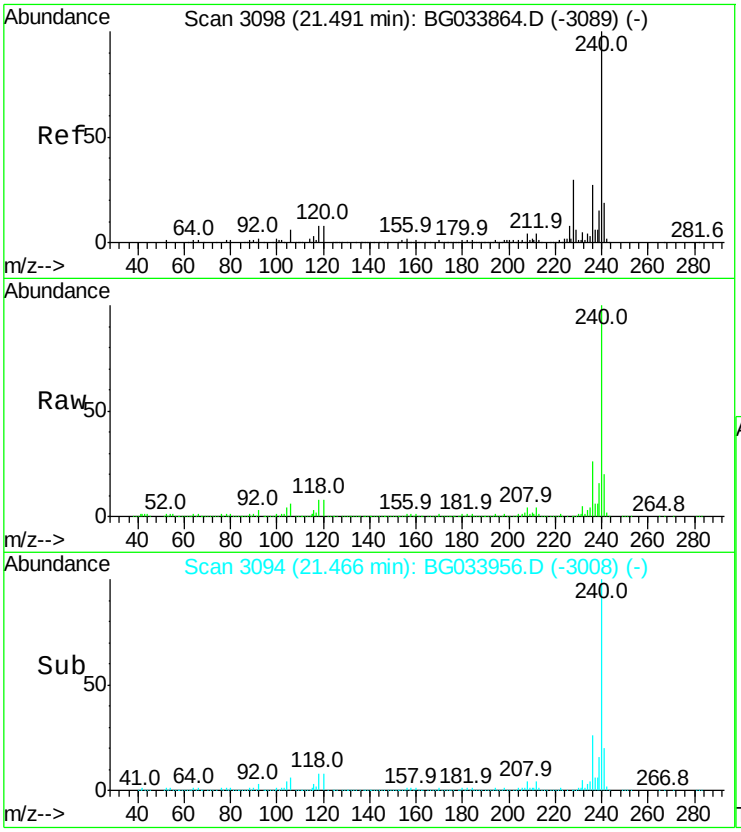


#66
4-Bromophenyl-phenylether
Concen: 3.927 ng
RT: 15.96 min Scan# 2156
Delta R.T. -0.47 min
Lab File: BG033956.D
Acq: 24 Apr 2018 16:15

Tgt Ion:248 Resp: 19995

Ion	Ratio	Lower	Upper
248	100		
250	44.2	77.1	115.7#
141	370.0	50.8	76.2#



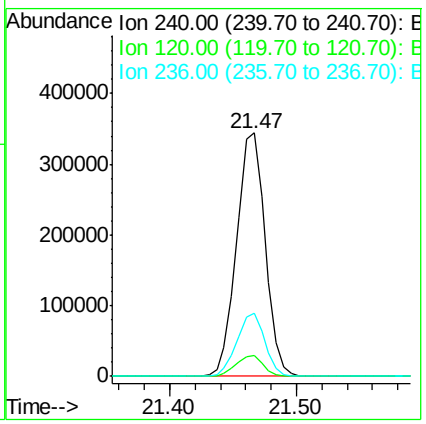


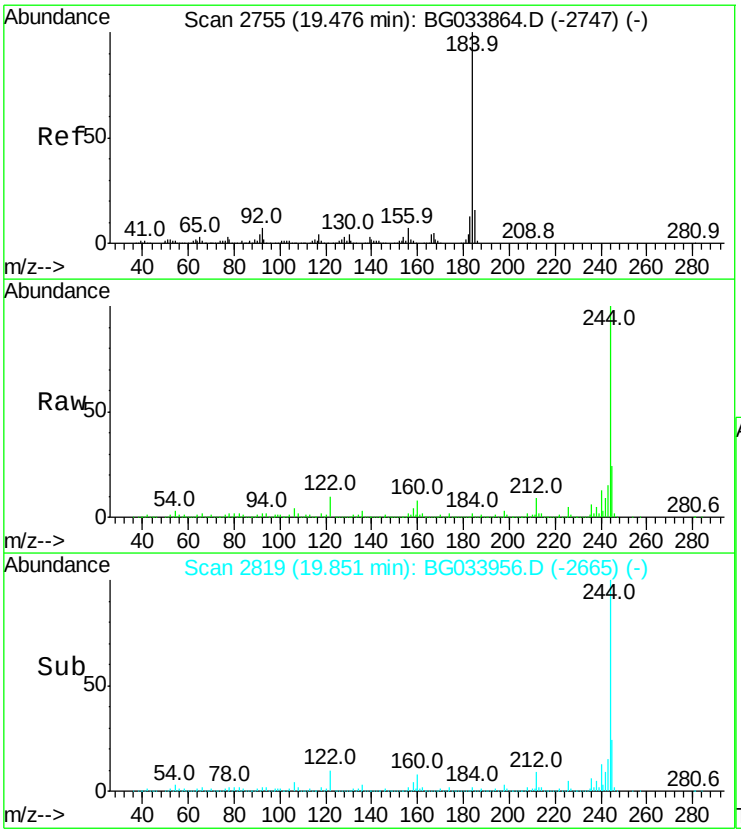
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.47 min Scan# 3094
Delta R.T. -0.02 min
Lab File: BG033956.D
Acq: 24 Apr 2018 16:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 538481

Ion	Ratio	Lower	Upper
240	100		
120	8.4	6.8	10.2
236	25.7	20.9	31.3

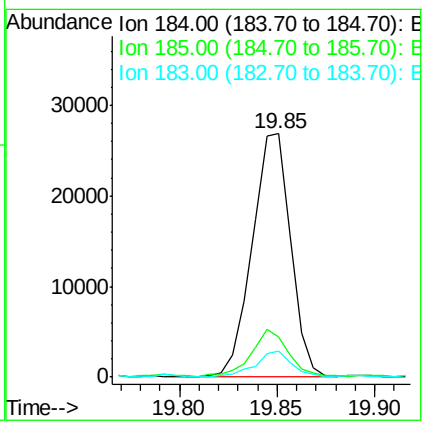


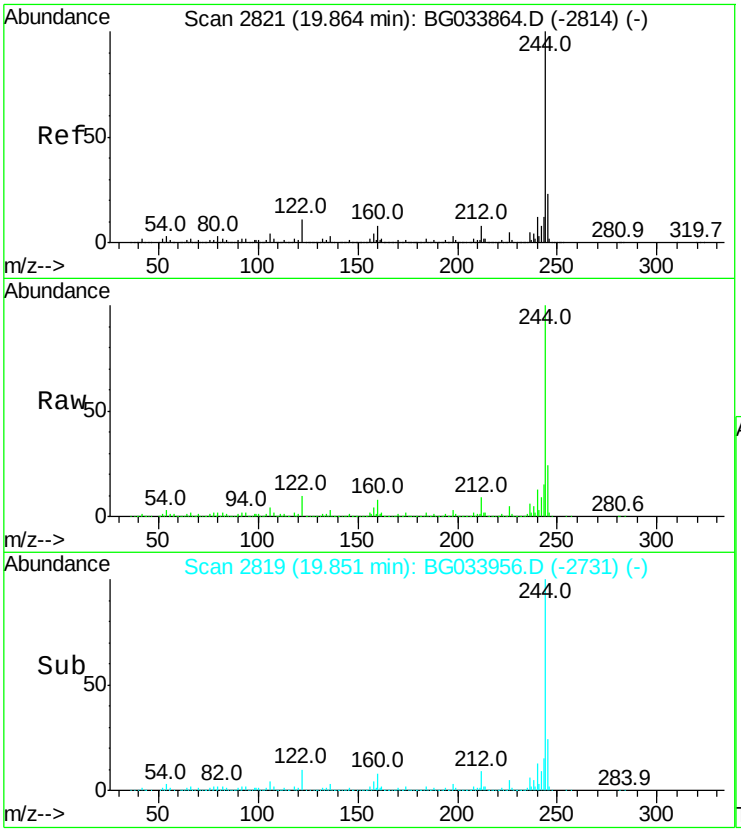


#76
Benzidine
Concen: 2.526 ng
RT: 19.85 min Scan# 2819
Delta R.T. 0.37 min
Lab File: BG033956.D
Acq: 24 Apr 2018 16:15

Tgt Ion:184 Resp: 36731

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



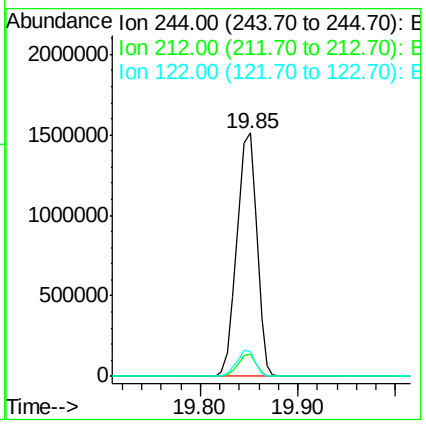


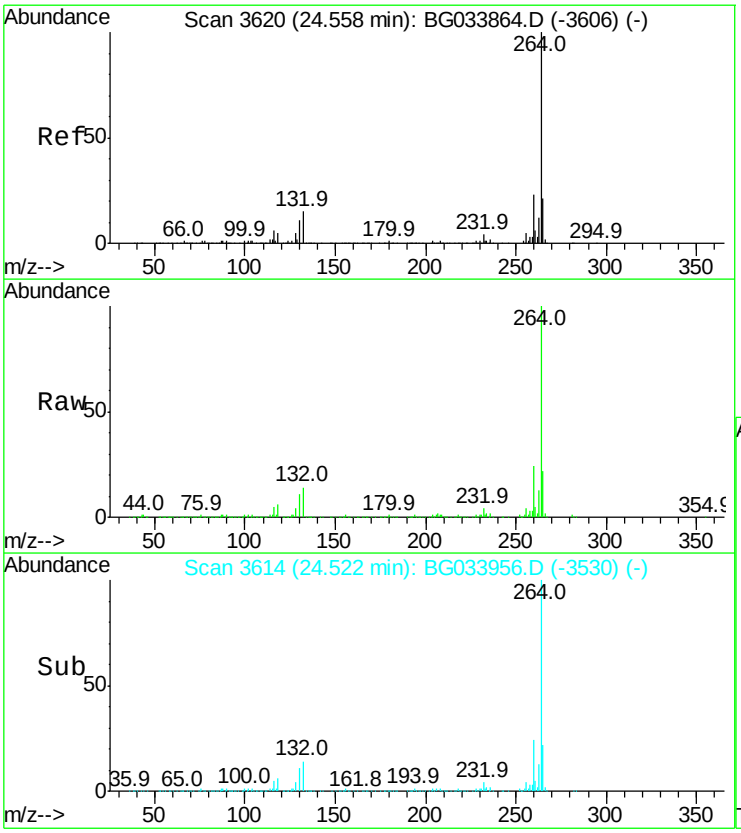
#78
Terphenyl-d14
Concen: 90.287 ng
RT: 19.85 min Scan# 2819
Delta R.T. -0.01 min
Lab File: BG033956.D
Acq: 24 Apr 2018 16:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 2164041

Ion	Ratio	Lower	Upper
244	100		
212	8.9	5.8	8.8#
122	10.3	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: BG033956.D
Acq: 24 Apr 2018 16:15

Tgt Ion:264 Resp: 556549

Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.4	26.0
265	21.6	17.7	26.5