Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122217\
Data File : BG031724.D
Acq On : 22 Dec 2017 23:10
Operator : SJ/JU
Sample : I7004-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C-MW-10-121817

Quant Time: Dec 23 01:13:31 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 11:08:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.82	152	53185	20.00	ng		-0.02
21) Naphthalene-d8	11.71	136	213196	20.00	ng		-0.01
38) Acenaphthene-d10	15.46	164	148008	20.00	ng		-0.01
63) Phenanthrene-d10	18.19	188	388687	20.00	ng		-0.01
75) Chrysene-d12	22.56	240	437602	20.00	ng		-0.01
86) Perylene-d12	26.35	264	465895	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.24	112	216369	74.10	ng		0.00
7) Phenol-d6	7.92	99	177993	46.95	ng		-0.01
23) Nitrobenzene-d5	10.03	82	306277	108.48	ng		-0.01
41) 2,4,6-Tribromophenol	16.94	330	398671	176.53	ng		0.00
44) 2-Fluorobiphenyl	14.09	172	1154552	97.91	ng		-0.01
78) Terphenyl-d14	20.73	244	2002851	104.57	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	8.33	77	8179	3.583	ng		89
19) n-Nitroso-di-n-propylamine	10.03	70	40469	15.630	ng	#	75
32) Benzoic acid	11.04	122	55	6.716	ng	#	1
50) 2,6-Dinitrotoluene	15.46	165	18864	7.864	ng	#	21
56) 2,4-Dinitrotoluene	15.46	165	18864	6.116	ng	#	18
64) 4,6-Dinitro-2-methylphenol	16.94	198	1132	8.801	ng	#	45
66) 4-Bromophenyl-phenylether	16.94	248	31466	5.598	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122217\
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Acq On : 22 Dec 2017 23:10
Operator : SJ/JU
Sample : I7004-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
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C-MW-10-121817

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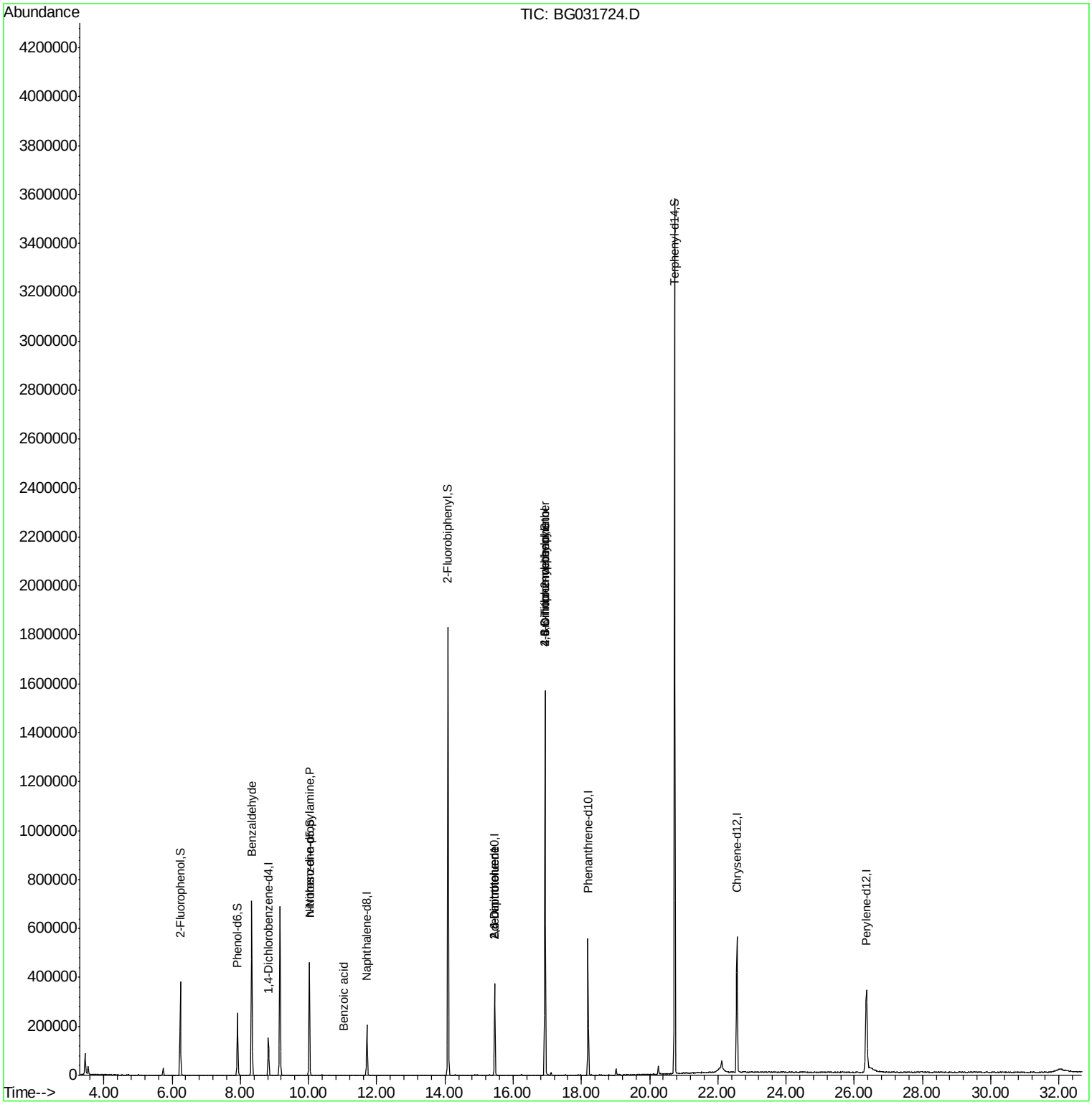
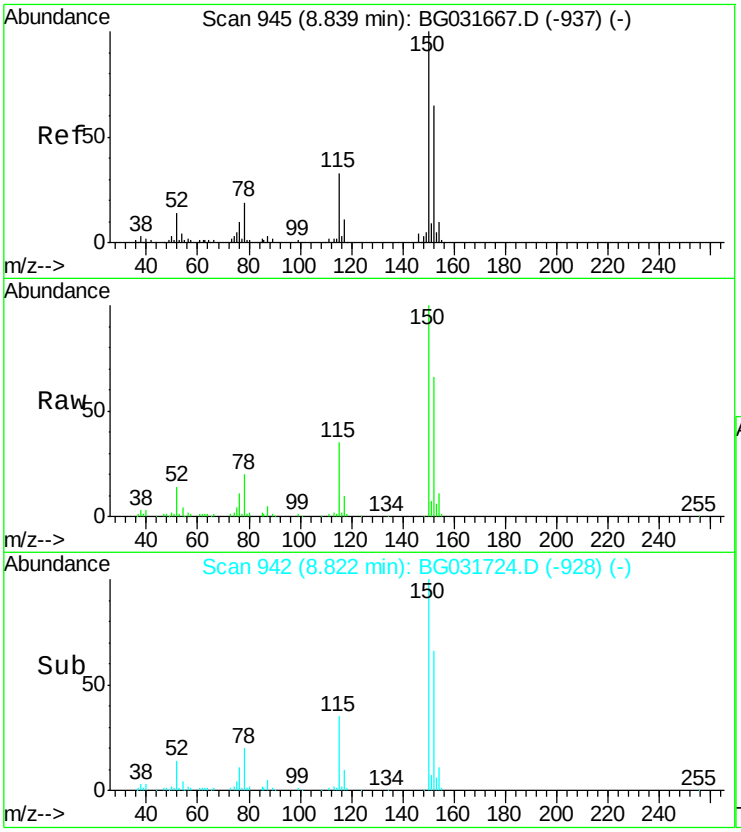


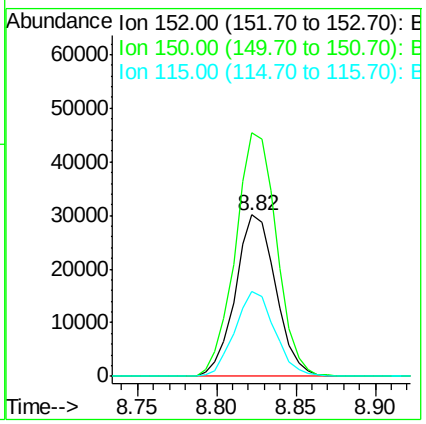


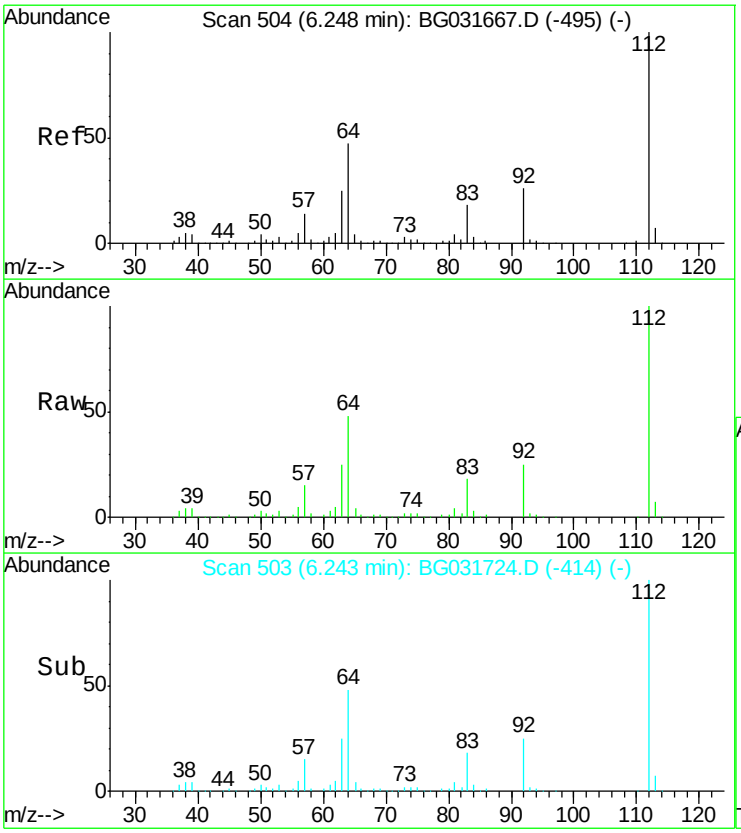
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.82 min Scan# 942
Delta R.T. -0.02 min
Lab File: BG031724.D
Acq: 22 Dec 2017 23:10

Instrument :
BNA_G
ClientSampleId :
C-MW-10-121817

Tgt Ion:152 Resp: 53185

Ion	Ratio	Lower	Upper
152	100		
150	151.1	126.6	189.8
115	52.7	53.0	79.4#

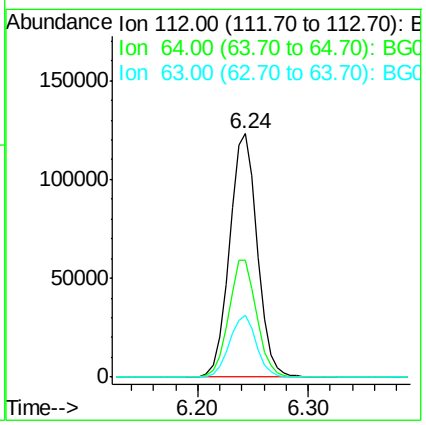


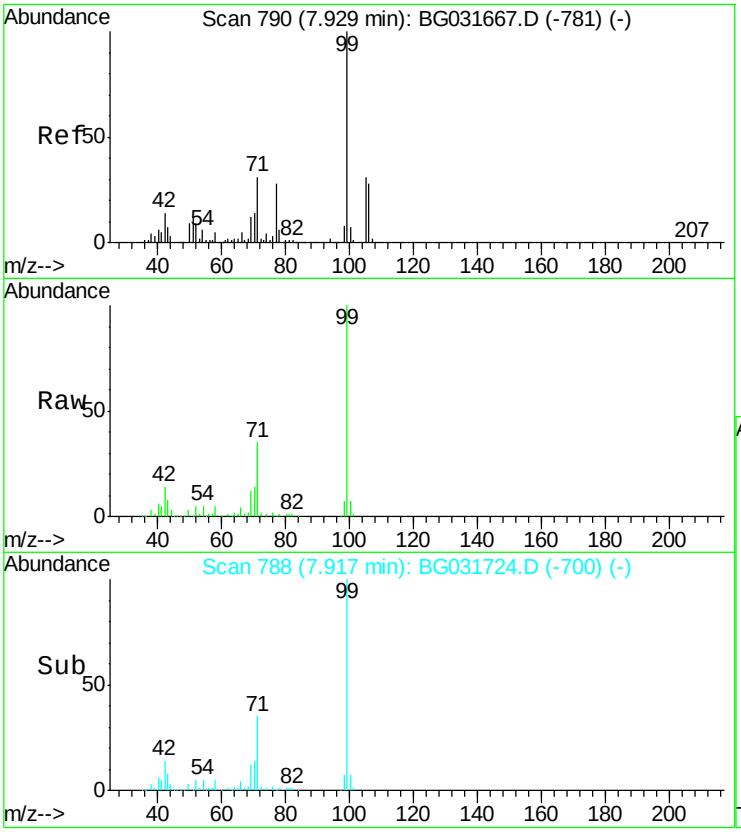


#5
2-Fluorophenol
Concen: 74.098 ng
RT: 6.24 min Scan# 503
Delta R.T. -0.01 min
Lab File: BG031724.D
Acq: 22 Dec 2017 23:10

Tgt Ion:112 Resp: 216369

Ion	Ratio	Lower	Upper
112	100		
64	48.2	56.3	84.5#
63	25.2	30.1	45.1#



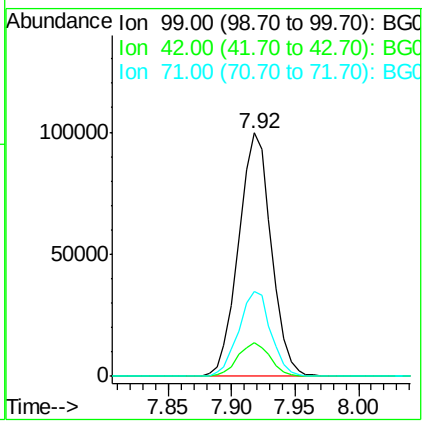


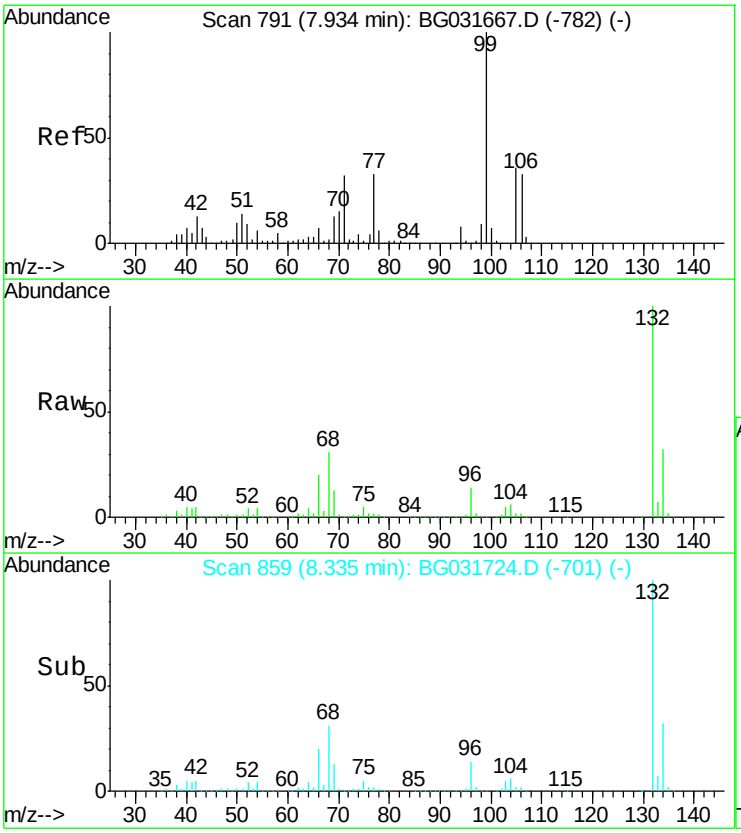
#7
Phenol-d6
Concen: 46.949 ng
RT: 7.92 min Scan# 788
Delta R.T. -0.01 min
Lab File: BG031724.D
Acq: 22 Dec 2017 23:10

Instrument :
BNA_G
ClientSampleId :
C-MW-10-121817

Tgt Ion: 99 Resp: 177993

Ion	Ratio	Lower	Upper
99	100		
42	13.7	14.1	21.1#
71	35.0	26.1	39.1

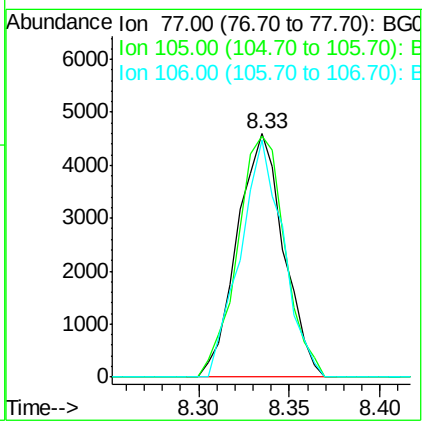


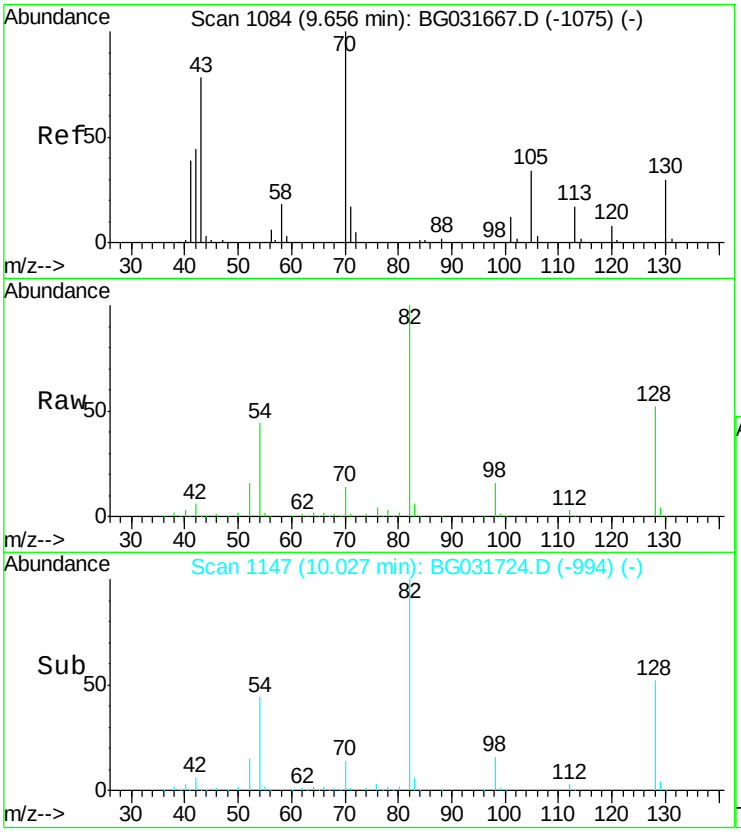


#9
Benzaldehyde
Concen: 3.583 ng
RT: 8.33 min Scan# 859
Delta R.T. 0.40 min
Lab File: BG031724.D
Acq: 22 Dec 2017 23:10

Tgt Ion: 77 Resp: 8179

Ion	Ratio	Lower	Upper
77	100		
105	99.2	71.3	111.3
106	97.5	64.2	104.2



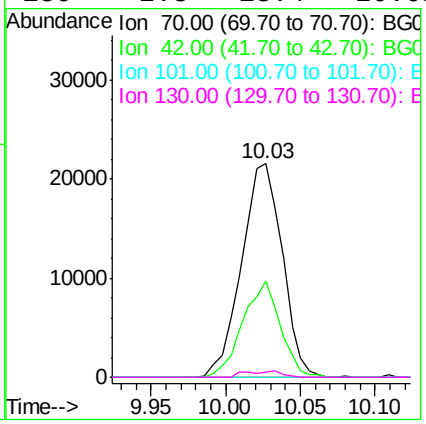


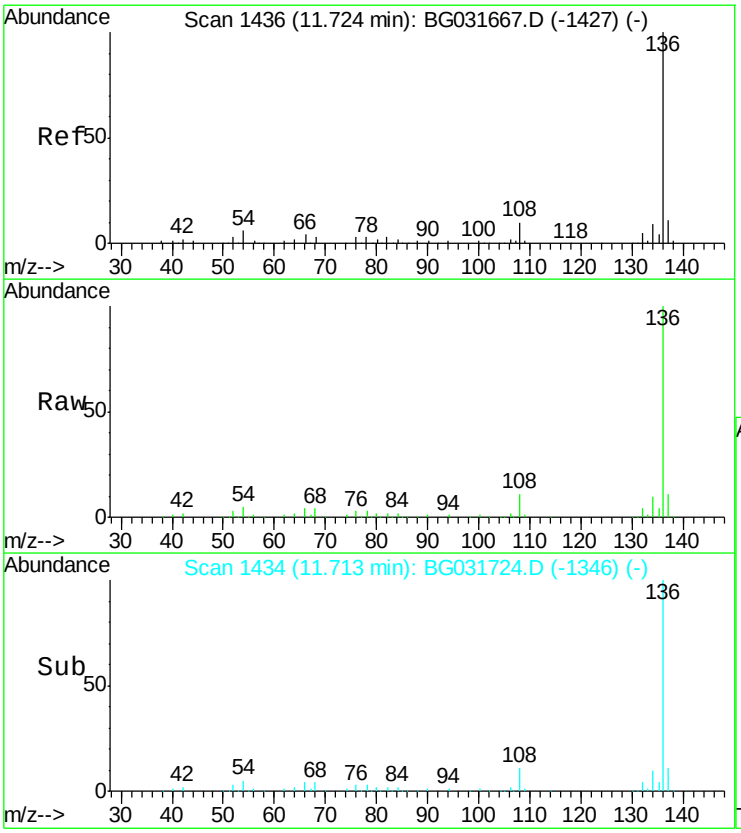
#19
n-Nitroso-di-n-propylamine
Concen: 15.630 ng
RT: 10.03 min Scan# 1147
Delta R.T. 0.37 min
Lab File: BG031724.D
Acq: 22 Dec 2017 23:10

Instrument :
BNA_G
ClientSampleId :
C-MW-10-121817

Tgt Ion: 70 Resp: 40469

Ion	Ratio	Lower	Upper
70	100		
42	45.0	49.1	73.7#
101	0.0	8.5	12.7#
130	2.3	13.4	20.0#

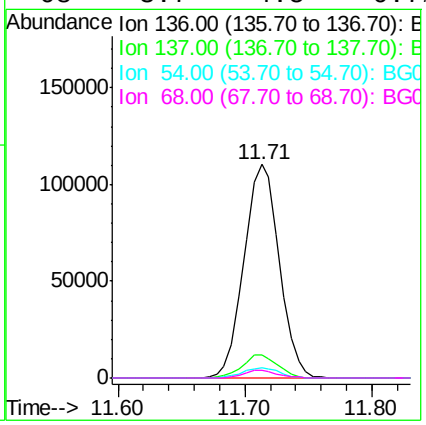


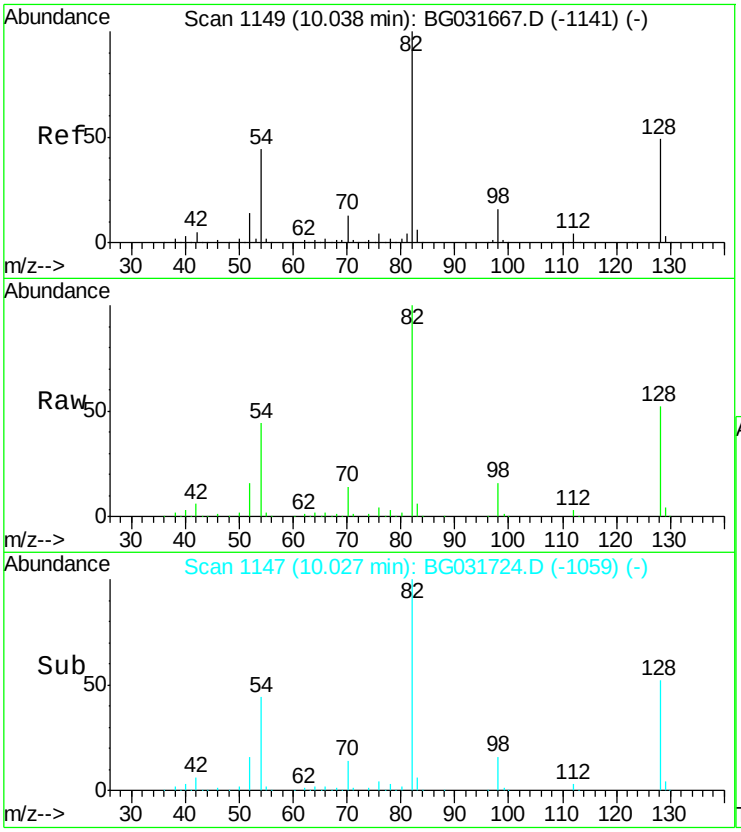


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.71 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BG031724.D
Acq: 22 Dec 2017 23:10

Tgt Ion:136 Resp: 213196

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	5.1	10.3	15.5#
68	3.7	4.5	6.7#



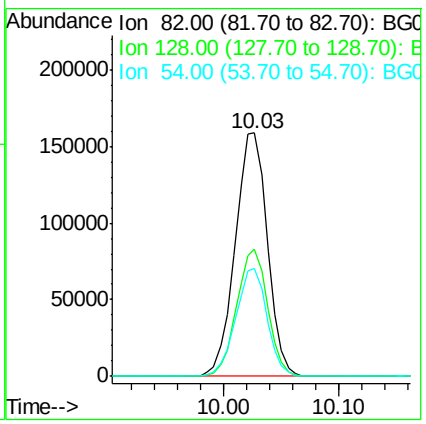


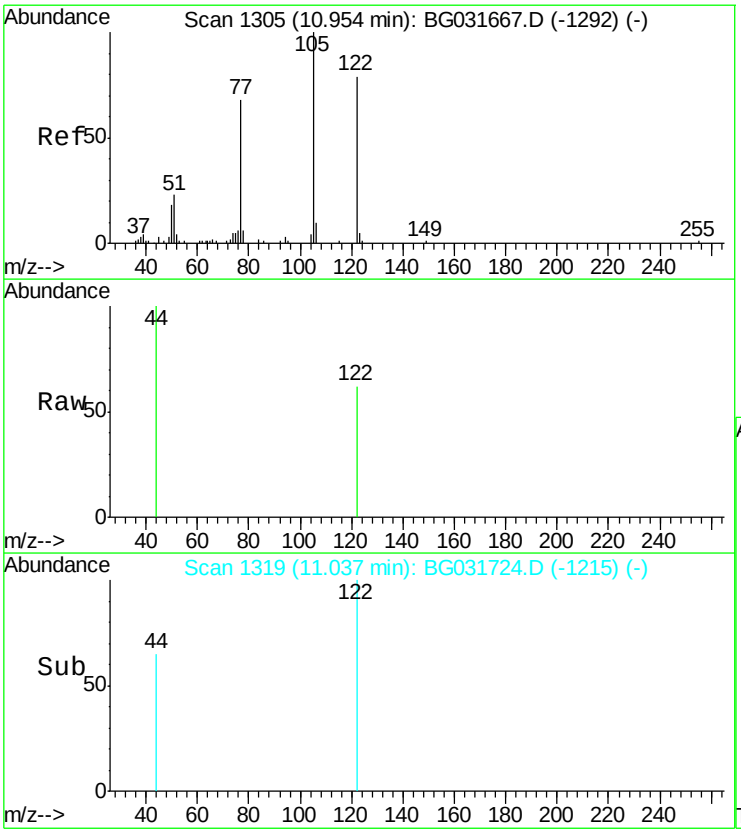
#23
Nitrobenzene-d5
Concen: 108.481 ng
RT: 10.03 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BG031724.D
Acq: 22 Dec 2017 23:10

Instrument :
BNA_G
ClientSampleId :
C-MW-10-121817

Tgt Ion: 82 Resp: 306277

Ion	Ratio	Lower	Upper
82	100		
128	52.4	29.7	44.5#
54	44.5	43.1	64.7

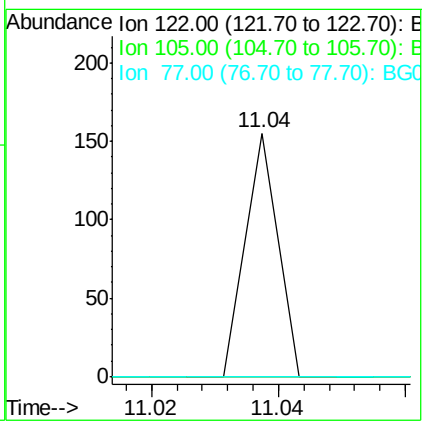


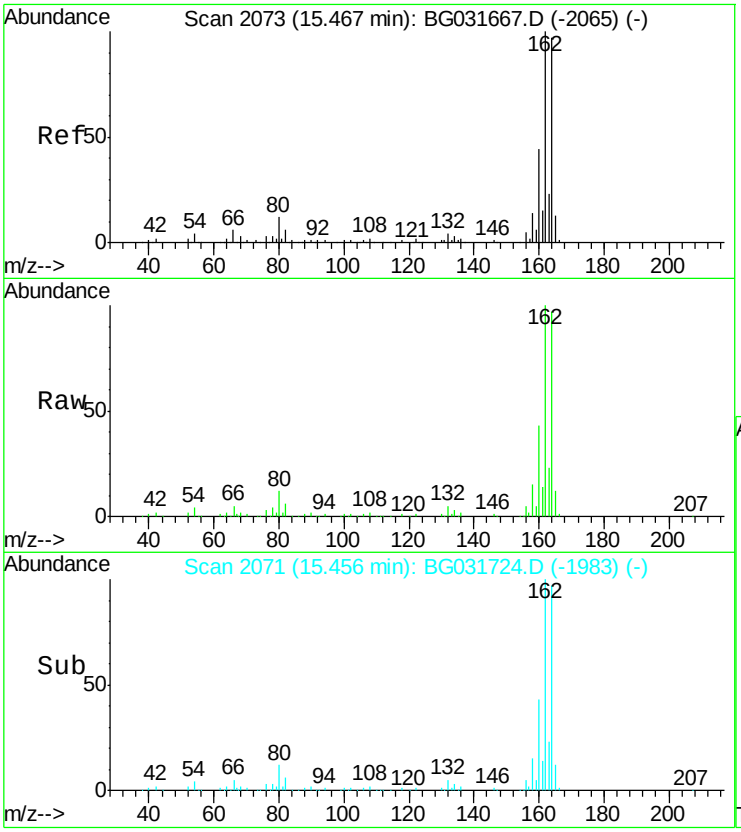


#32
Benzoic acid
Concen: 6.716 ng
RT: 11.04 min Scan# 1319
Delta R.T. 0.08 min
Lab File: BG031724.D
Acq: 22 Dec 2017 23:10

Tgt Ion:122 Resp: 55

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



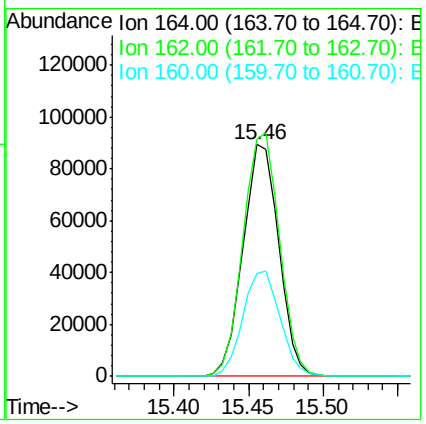


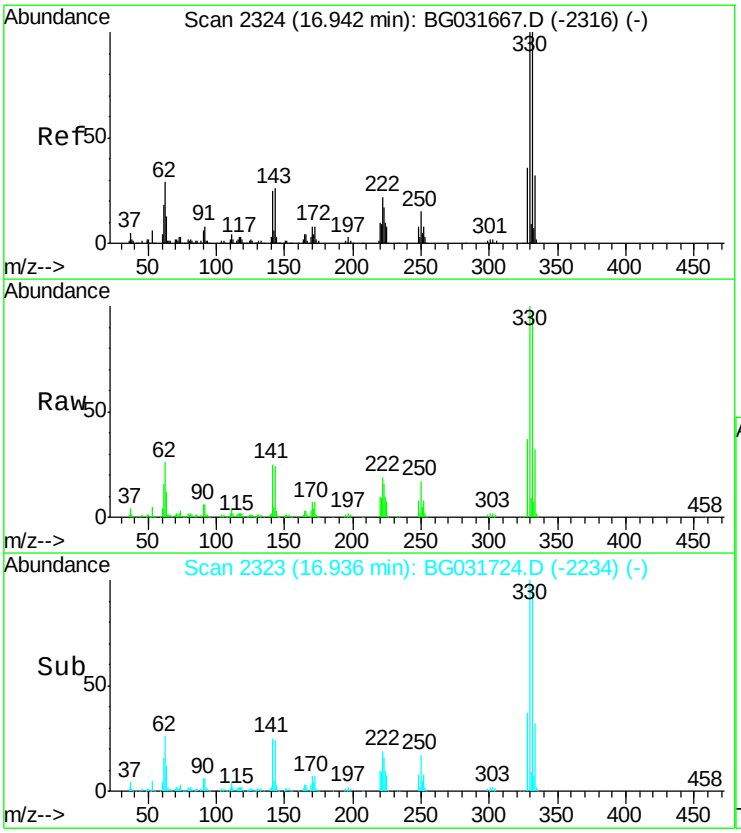
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.46 min Scan# 2071
Delta R.T. -0.01 min
Lab File: BG031724.D
Acq: 22 Dec 2017 23:10

Instrument :
BNA_G
ClientSampleId :
C-MW-10-121817

Tgt Ion:164 Resp: 148008

Ion	Ratio	Lower	Upper
164	100		
162	102.6	78.8	118.2
160	44.4	35.4	53.0

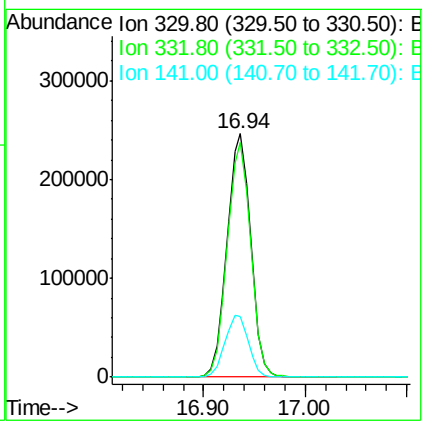


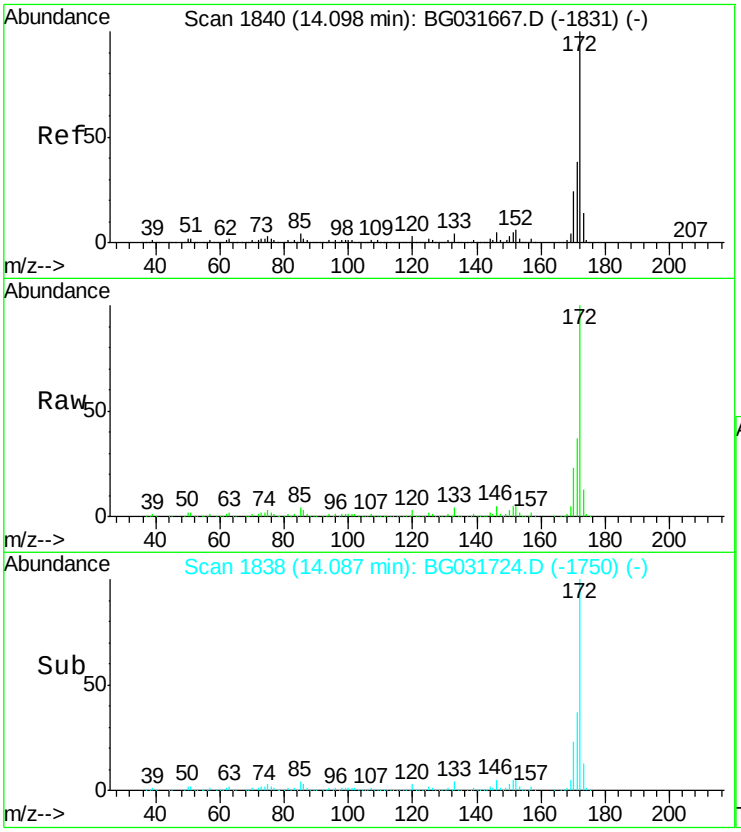


#41
2,4,6-Tribromophenol
Concen: 176.528 ng
RT: 16.94 min Scan# 2323
Delta R.T. -0.01 min
Lab File: BG031724.D
Acq: 22 Dec 2017 23:10

Tgt Ion:330 Resp: 398671

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	25.4	25.2	37.8



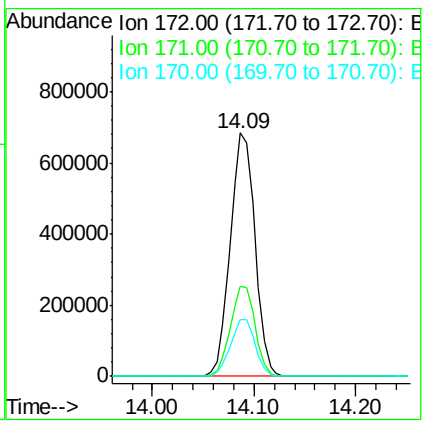


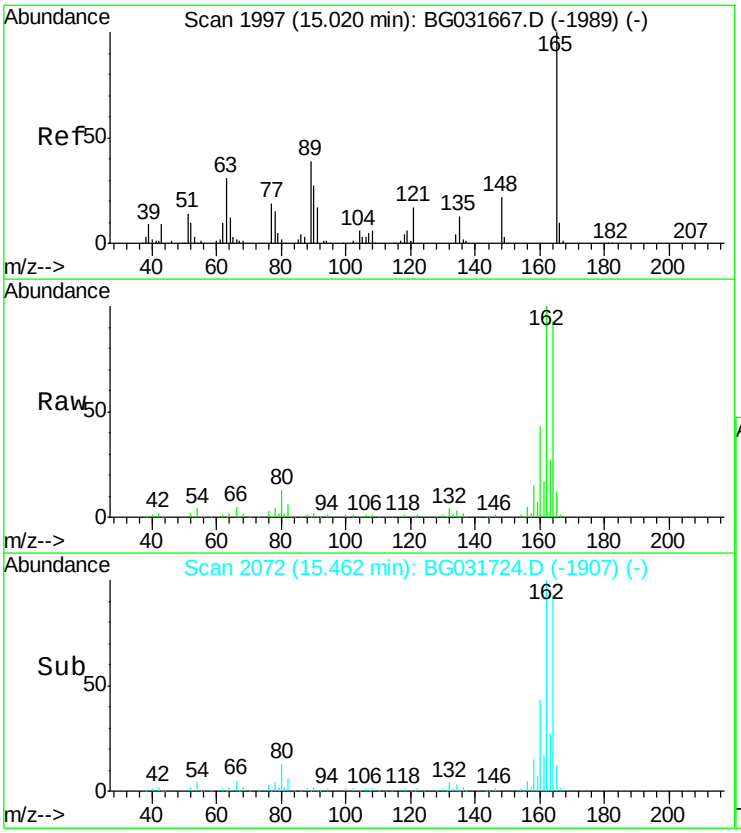
#44
2-Fluorobiphenyl
Concen: 97.908 ng
RT: 14.09 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BG031724.D
Acq: 22 Dec 2017 23:10

Instrument :
BNA_G
ClientSampleId :
C-MW-10-121817

Tgt Ion:172 Resp: 1154552

Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.0	45.0
170	23.3	19.5	29.3

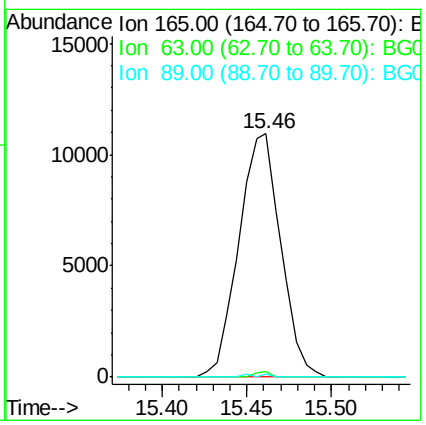


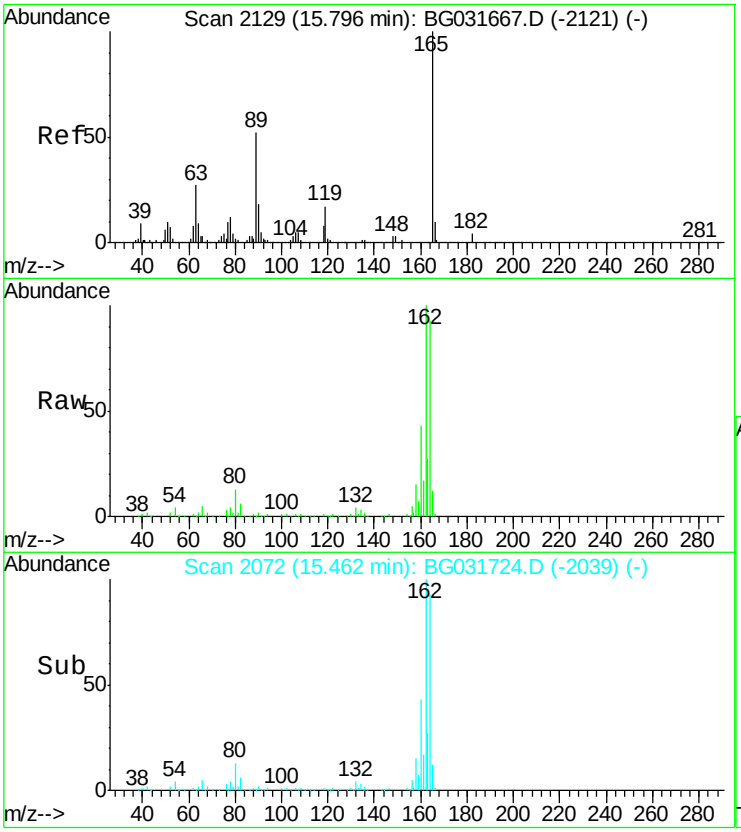


#50
2,6-Dinitrotoluene
Concen: 7.864 ng
RT: 15.46 min Scan# 2072
Delta R.T. 0.44 min
Lab File: BG031724.D
Acq: 22 Dec 2017 23:10

Tgt Ion:165 Resp: 18864

Ion	Ratio	Lower	Upper
165	100		
63	2.2	52.7	79.1#
89	1.4	49.2	73.8#



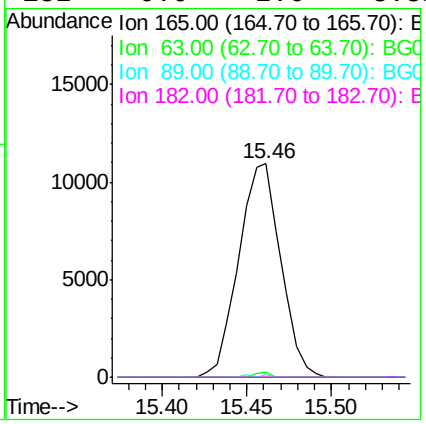


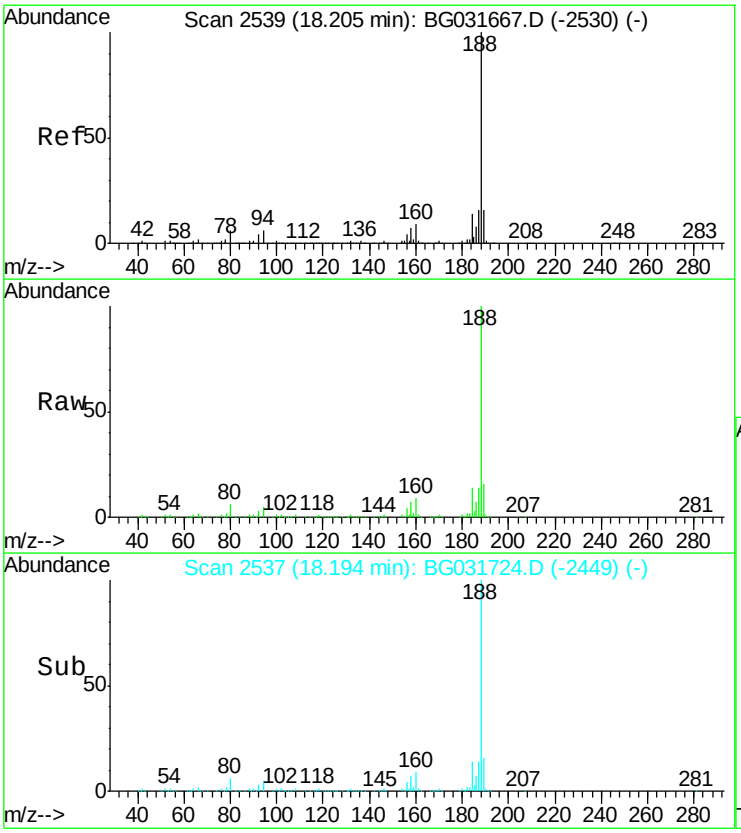
#56
2,4-Dinitrotoluene
Concen: 6.116 ng
RT: 15.46 min Scan# 2072
Delta R.T. -0.33 min
Lab File: BG031724.D
Acq: 22 Dec 2017 23:10

Instrument :
BNA_G
ClientSampleId :
C-MW-10-121817

Tgt Ion:165 Resp: 18864

Ion	Ratio	Lower	Upper
165	100		
63	2.2	42.0	63.0#
89	1.4	66.9	100.3#
182	0.0	2.6	3.8#

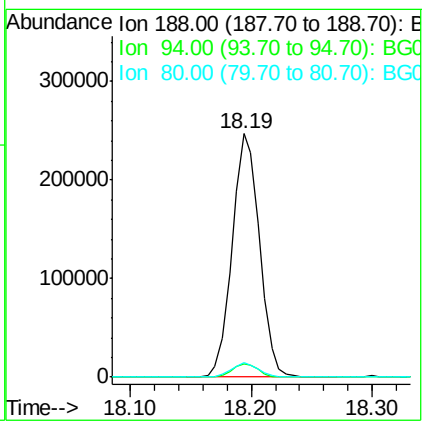


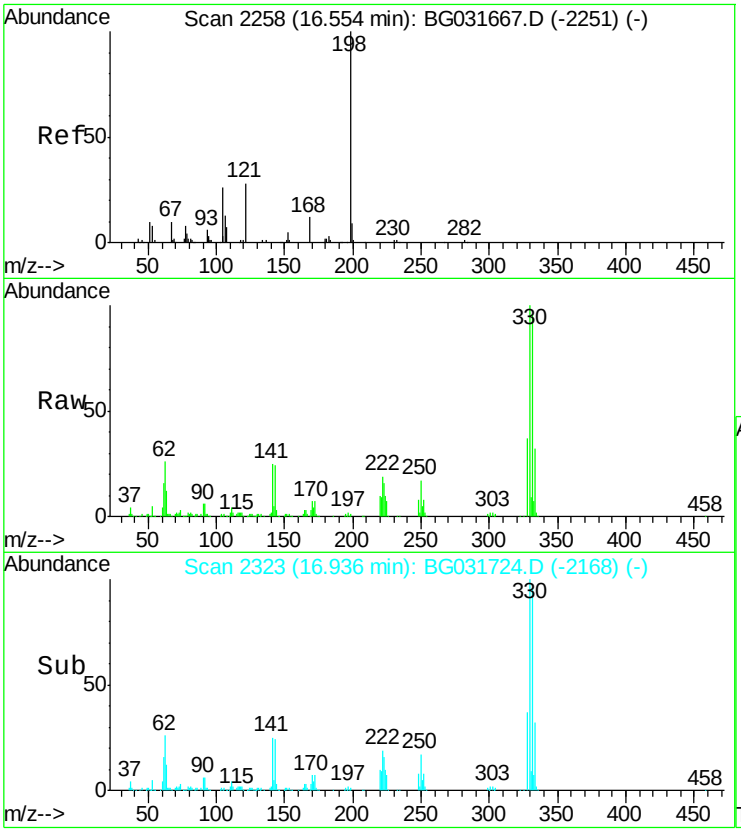


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.19 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BG031724.D
Acq: 22 Dec 2017 23:10

Tgt Ion:188 Resp: 388687

Ion	Ratio	Lower	Upper
188	100		
94	5.4	6.9	10.3#
80	6.0	7.7	11.5#



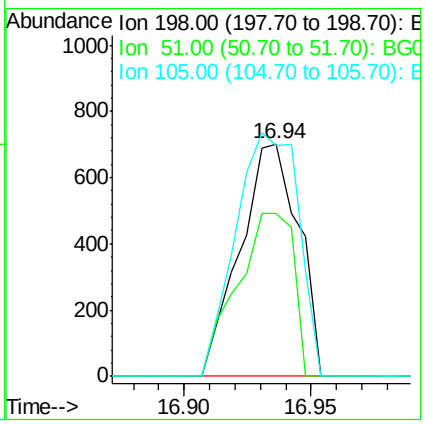


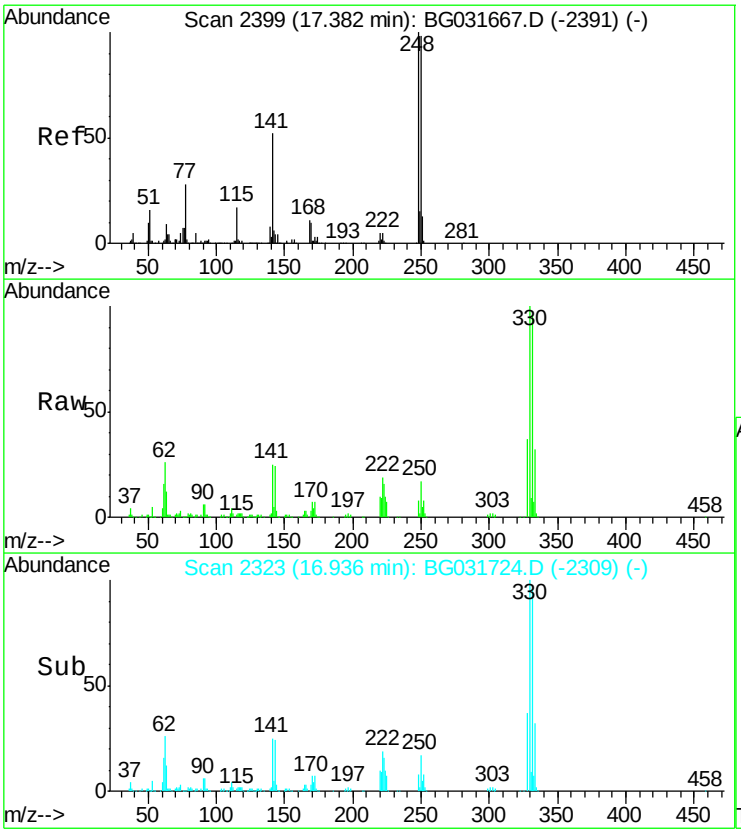
#64
4,6-Dinitro-2-methylphenol
Concen: 8.801 ng
RT: 16.94 min Scan# 2323
Delta R.T. 0.38 min
Lab File: BG031724.D
Acq: 22 Dec 2017 23:10

Instrument :
BNA_G
ClientSampleId :
C-MW-10-121817

Tgt Ion:198 Resp: 1132

Ion	Ratio	Lower	Upper
198	100		
51	70.2	30.6	70.6
105	99.6	23.8	63.8#

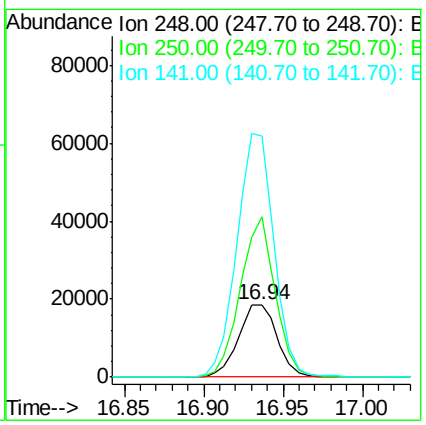


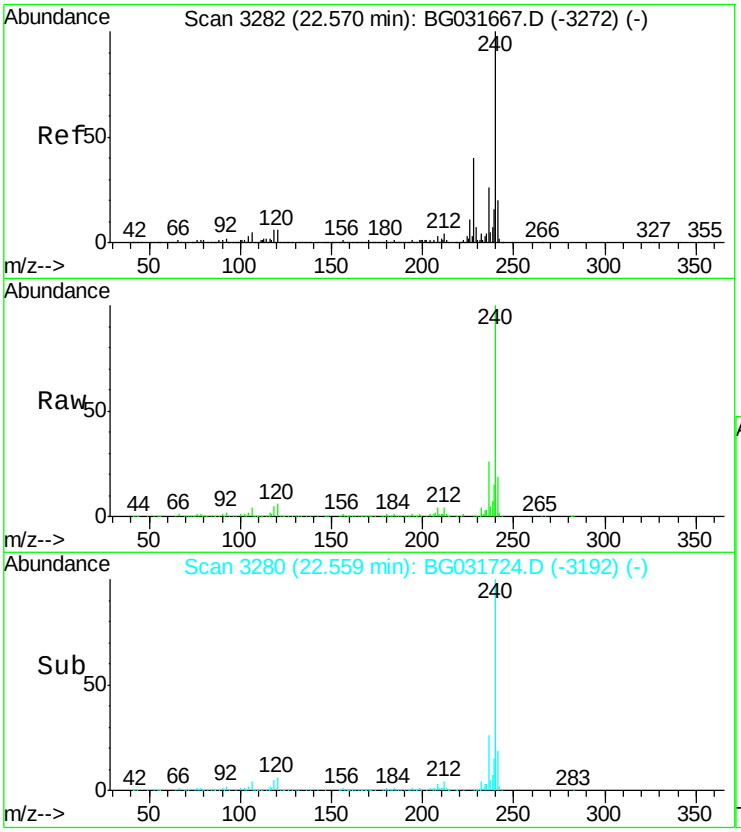


#66
4-Bromophenyl-phenylether
Concen: 5.598 ng
RT: 16.94 min Scan# 2323
Delta R.T. -0.45 min
Lab File: BG031724.D
Acq: 22 Dec 2017 23:10

Tgt Ion:248 Resp: 31466

Ion	Ratio	Lower	Upper
248	100		
250	221.5	77.1	115.7#
141	333.1	50.8	76.2#



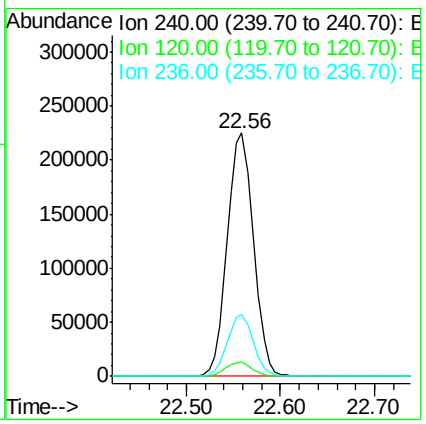


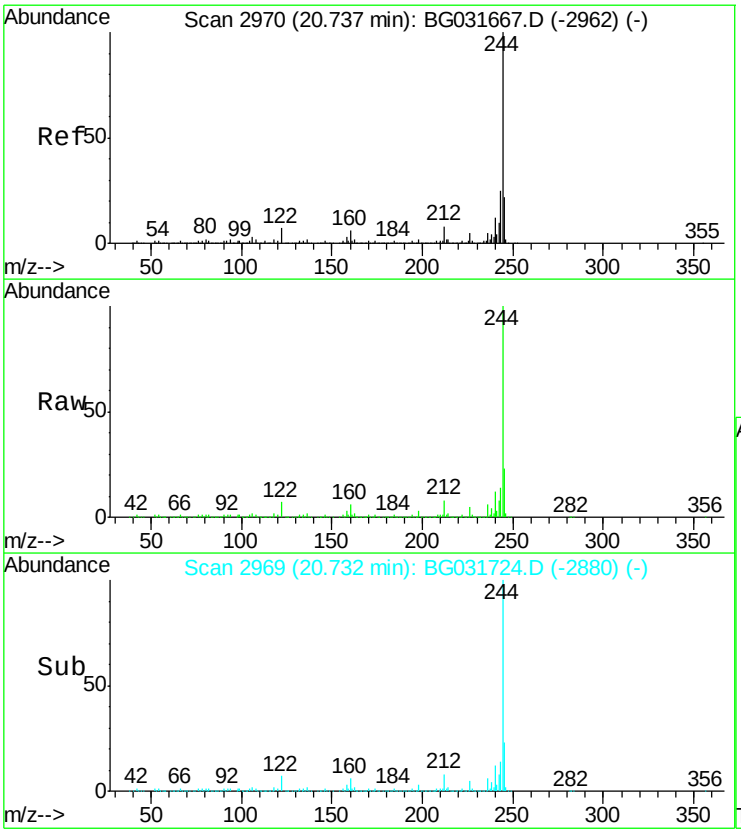
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3280
Delta R.T. -0.01 min
Lab File: BG031724.D
Acq: 22 Dec 2017 23:10

Instrument :
BNA_G
ClientSampleId :
C-MW-10-121817

Tgt Ion:240 Resp: 437602

Ion	Ratio	Lower	Upper
240	100		
120	6.0	6.8	10.2#
236	25.5	20.9	31.3

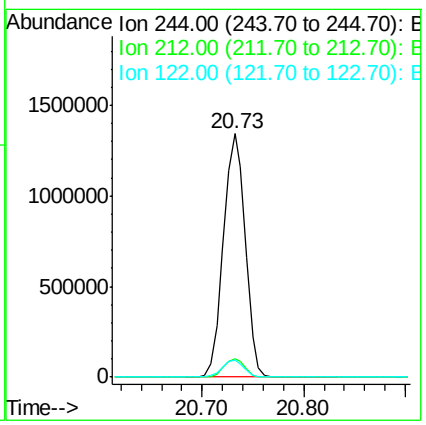


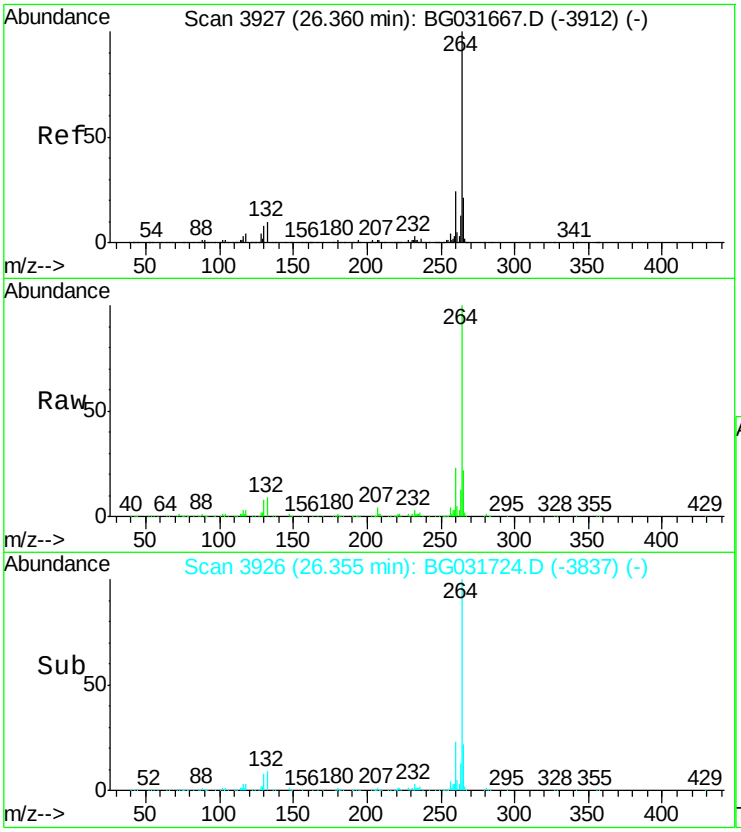


#78
Terphenyl-d14
Concen: 104.566 ng
RT: 20.73 min Scan# 2969
Delta R.T. -0.01 min
Lab File: BG031724.D
Acq: 22 Dec 2017 23:10

Tgt Ion:244 Resp: 2002851

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.8
122	7.0	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.35 min Scan# 3926
Delta R.T. -0.01 min
Lab File: BG031724.D
Acq: 22 Dec 2017 23:10

Instrument :
BNA_G
ClientSampleId :
C-MW-10-121817

Tgt Ion:264 Resp: 465895

Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.4	26.0
265	21.7	17.7	26.5