Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122217\
Data File : BG031744.D
Acq On : 23 Dec 2017 12:02
Operator : SJ/JU
Sample : I7040-10
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-9

Quant Time: Dec 25 04:45:35 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	50095	20.00	ng		-0.02
21) Naphthalene-d8	11.71	136	211121	20.00	ng		-0.01
38) Acenaphthene-d10	15.46	164	148320	20.00	ng		-0.01
63) Phenanthrene-d10	18.19	188	354066	20.00	ng		-0.01
75) Chrysene-d12	22.55	240	401945	20.00	ng		-0.02
86) Perylene-d12	26.34	264	436308	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	6.24	112	175982	63.98	ng		-0.01
7) Phenol-d6	7.92	99	140065	39.22	ng		-0.01
23) Nitrobenzene-d5	10.03	82	298596	106.80	ng		-0.01
41) 2,4,6-Tribromophenol	16.94	330	363391	160.57	ng		0.00
44) 2-Fluorobiphenyl	14.09	172	1097158	92.85	ng		-0.01
78) Terphenyl-d14	20.73	244	1735627	98.65	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	8.34	77	8235	3.830	ng		96
19) n-Nitroso-di-n-propylamine	10.02	70	39513	16.202	ng	#	68
35) Caprolactam	12.57	113	13574	11.998	ng	#	38
50) 2,6-Dinitrotoluene	15.46	165	18408	7.658	ng	#	19
56) 2,4-Dinitrotoluene	15.46	165	18408	5.956	ng	#	17
64) 4,6-Dinitro-2-methylphenol	16.94	198	988	8.780	ng	#	47
66) 4-Bromophenyl-phenylether	16.93	248	28621	5.590	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122217\
Data File : BG031744.D
Acq On : 23 Dec 2017 12:02
Operator : SJ/JU
Sample : I7040-10
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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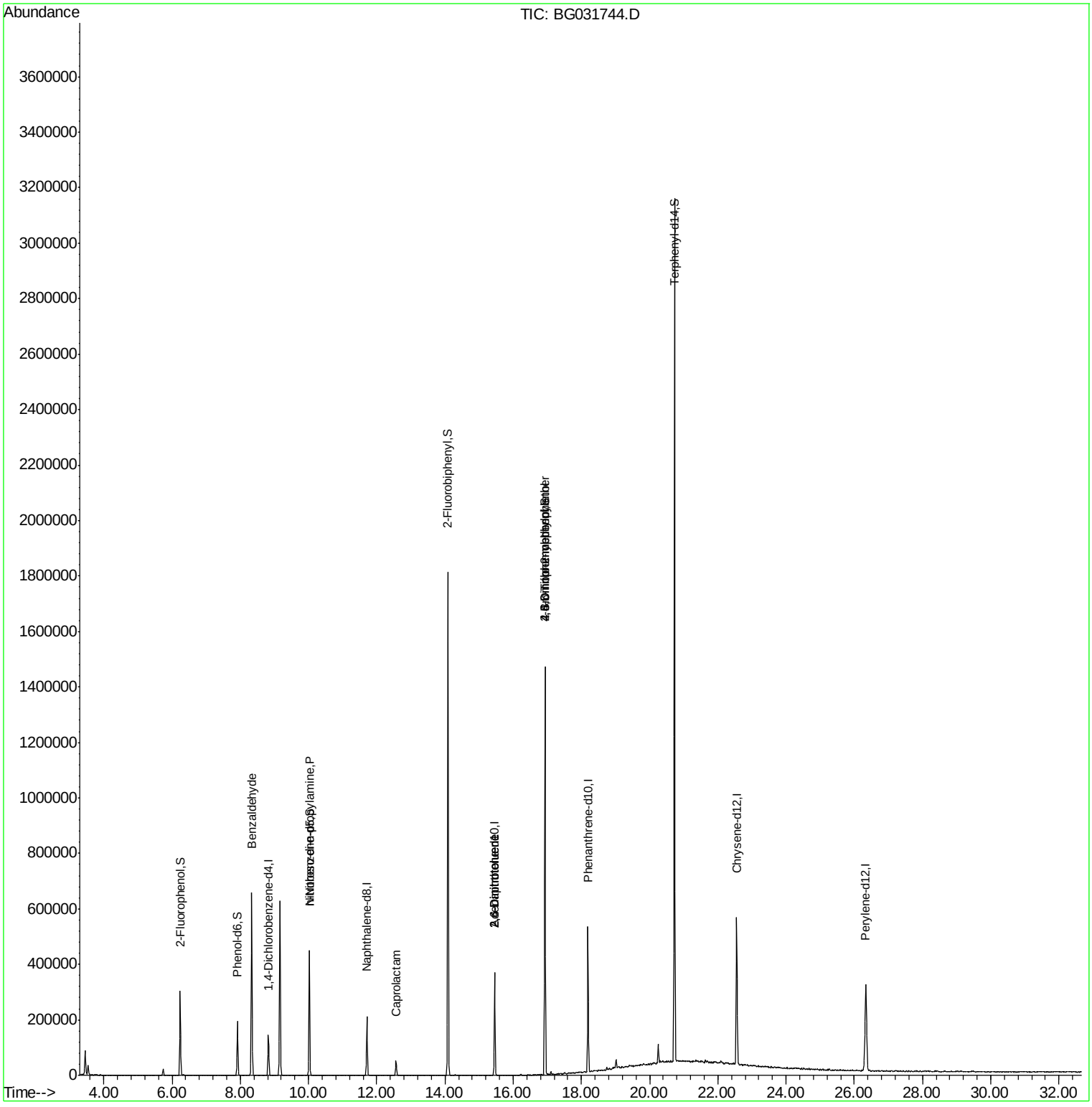
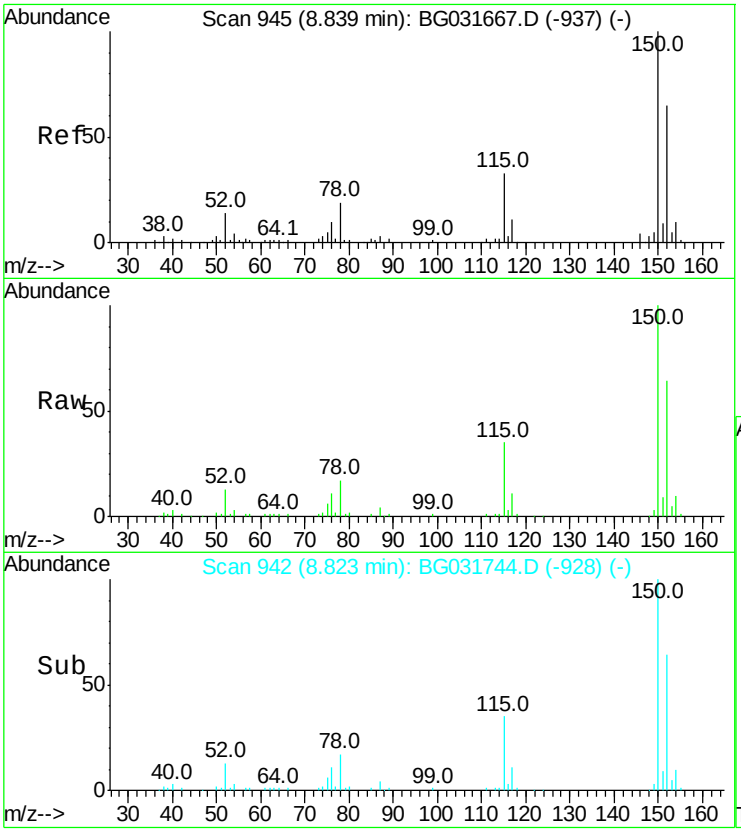


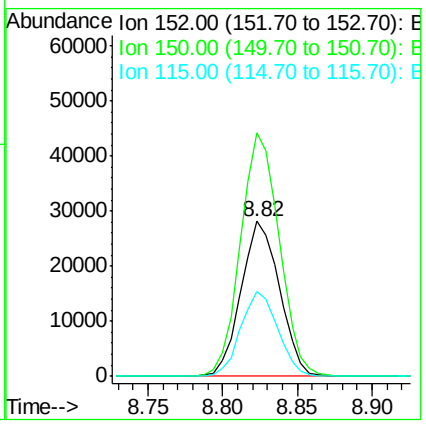


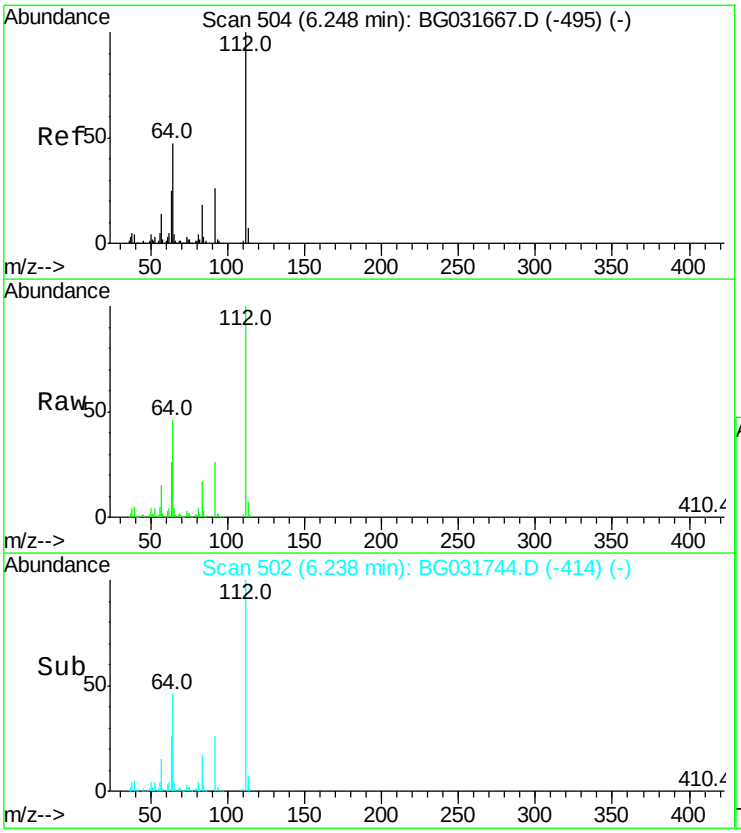
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.82 min Scan# 942
Delta R.T. -0.02 min
Lab File: BG031744.D
Acq: 23 Dec 2017 12:02

Instrument :
BNA_G
ClientSampleId :
MW-9

Tgt Ion:152 Resp: 50095

Ion	Ratio	Lower	Upper
152	100		
150	157.0	126.6	189.8
115	54.7	53.0	79.4

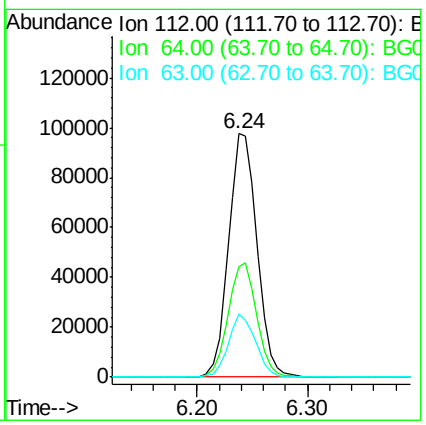


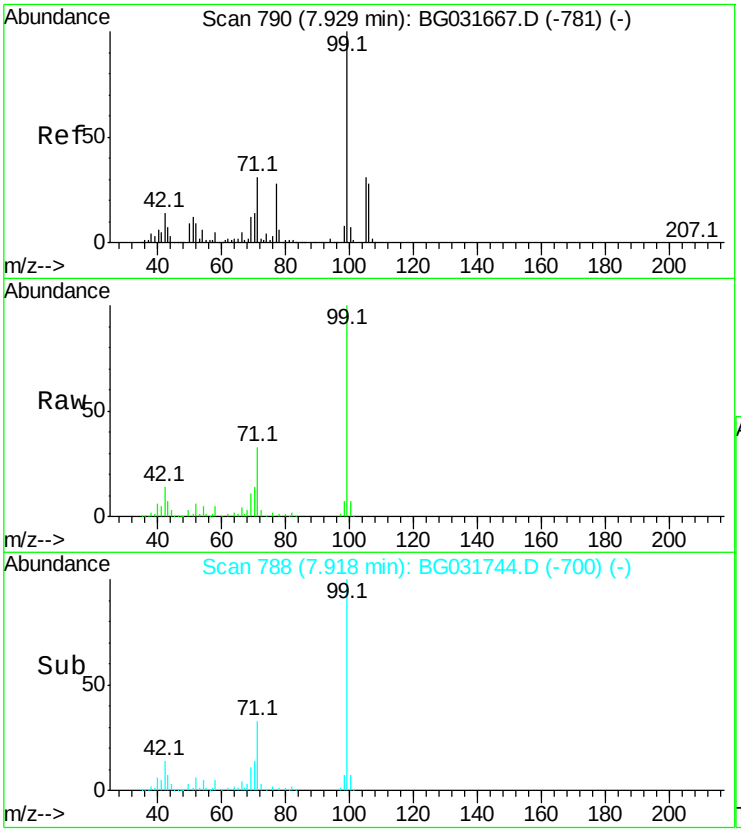


#5
2-Fluorophenol
Concen: 63.985 ng
RT: 6.24 min Scan# 502
Delta R.T. -0.01 min
Lab File: BG031744.D
Acq: 23 Dec 2017 12:02

Tgt Ion:112 Resp: 175982

Ion	Ratio	Lower	Upper
112	100		
64	45.5	56.3	84.5#
63	26.1	30.1	45.1#



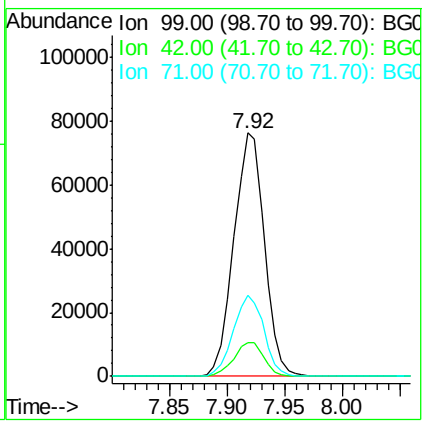


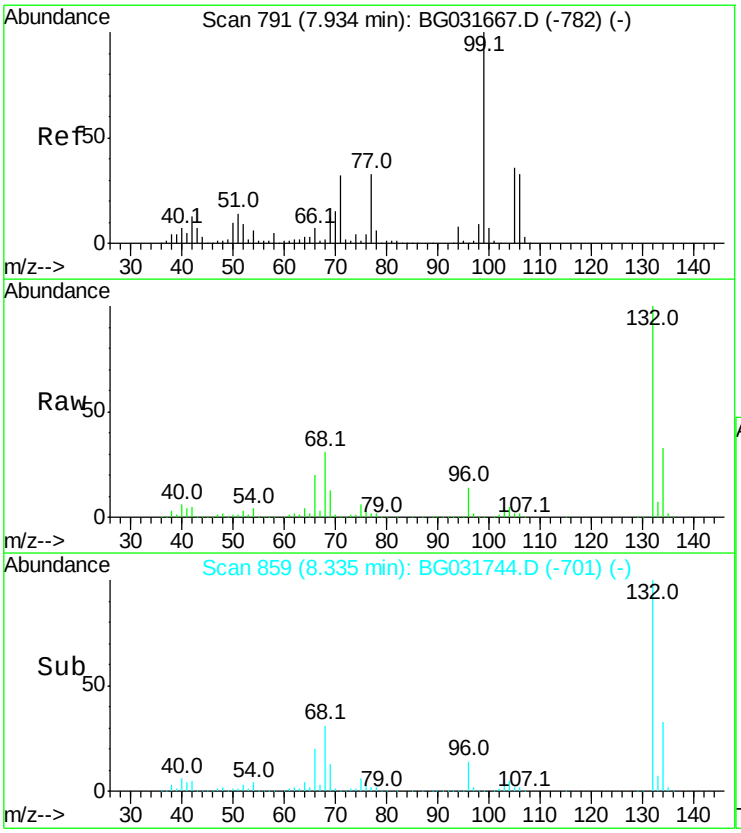
#7
Phenol-d6
Concen: 39.224 ng
RT: 7.92 min Scan# 788
Delta R.T. -0.01 min
Lab File: BG031744.D
Acq: 23 Dec 2017 12:02

Instrument :
BNA_G
ClientSampleId :
MW-9

Tgt Ion: 99 Resp: 140065

Ion	Ratio	Lower	Upper
99	100		
42	13.8	14.1	21.1#
71	33.5	26.1	39.1

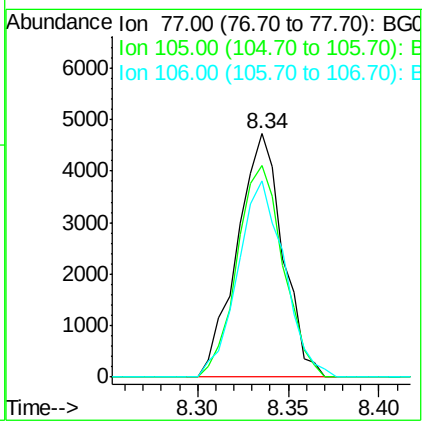


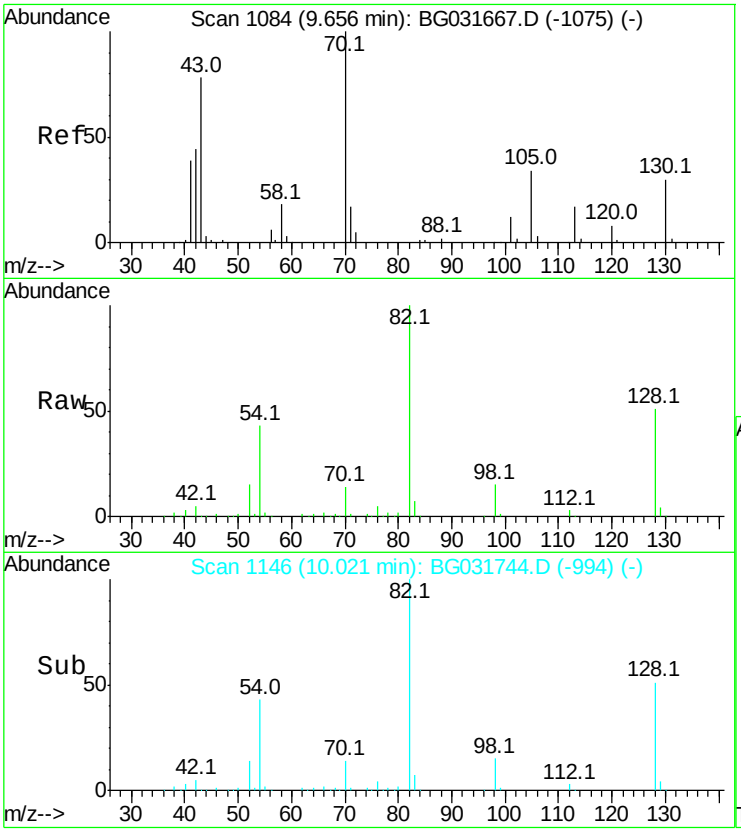


#9
Benzaldehyde
Concen: 3.830 ng
RT: 8.34 min Scan# 859
Delta R.T. 0.40 min
Lab File: BG031744.D
Acq: 23 Dec 2017 12:02

Tgt Ion: 77 Resp: 8235

Ion	Ratio	Lower	Upper
77	100		
105	86.9	71.3	111.3
106	80.7	64.2	104.2



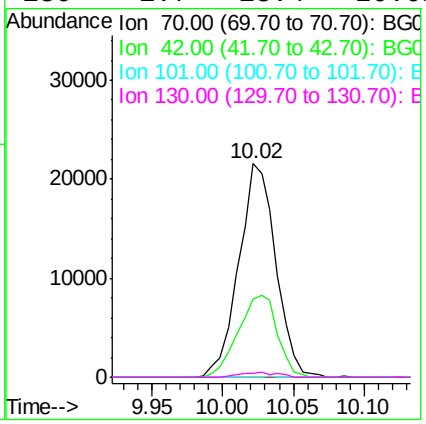


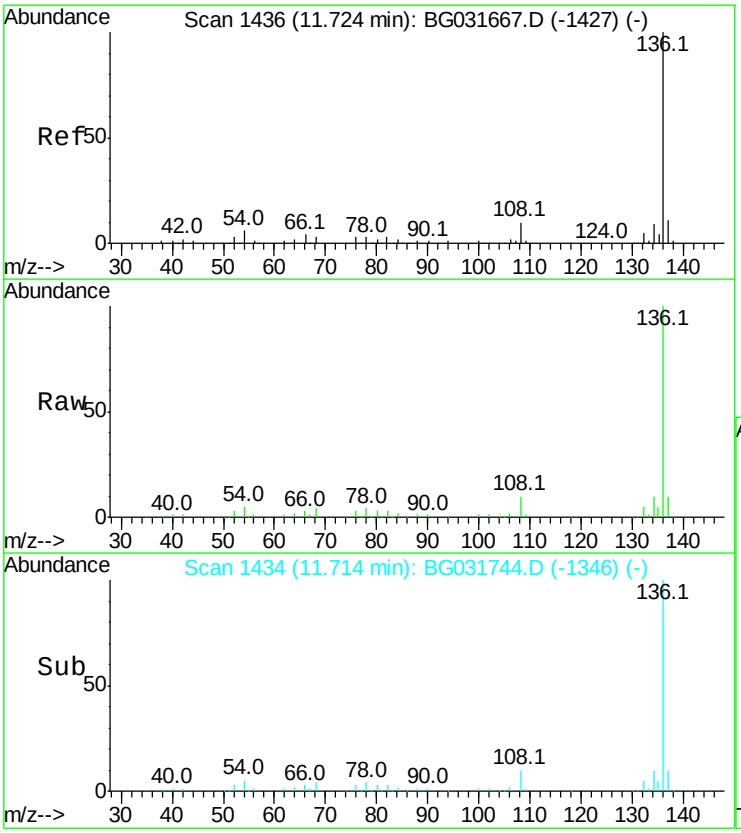
#19
n-Nitroso-di-n-propylamine
Concen: 16.202 ng
RT: 10.02 min Scan# 1146
Delta R.T. 0.37 min
Lab File: BG031744.D
Acq: 23 Dec 2017 12:02

Instrument : BNA_G
ClientSampleId : MW-9

Tgt Ion: 70 Resp: 39513

Ion	Ratio	Lower	Upper
70	100		
42	36.9	49.1	73.7#
101	0.0	8.5	12.7#
130	1.7	13.4	20.0#

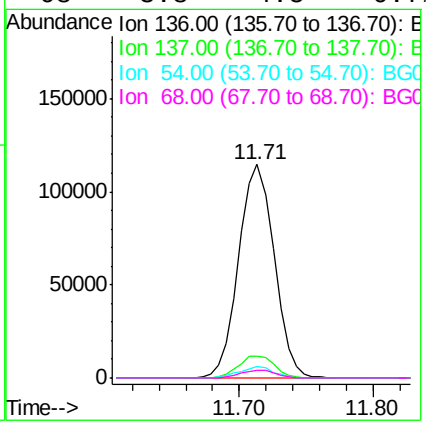


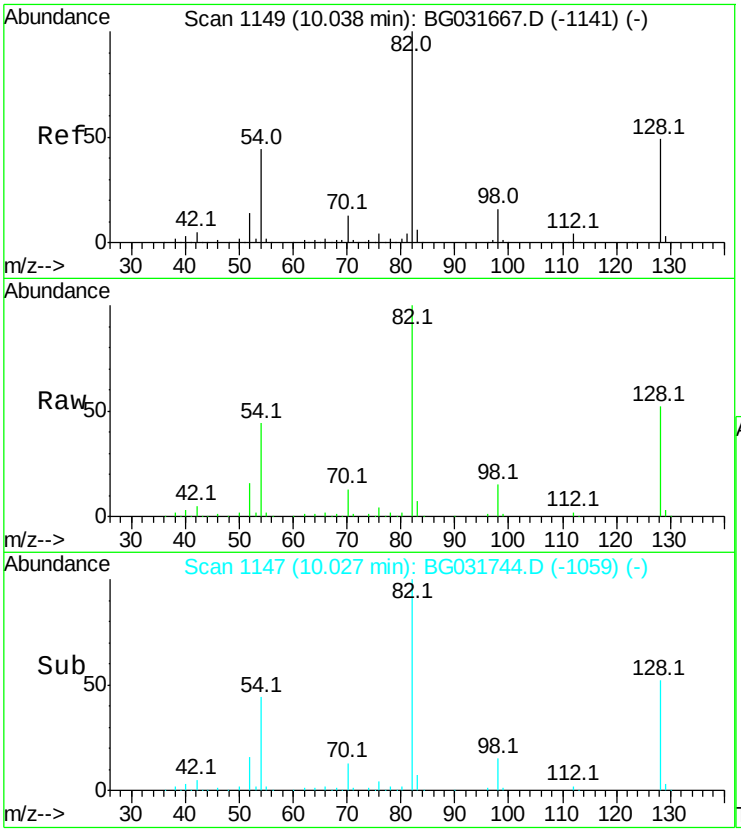


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.71 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BG031744.D
Acq: 23 Dec 2017 12:02

Tgt Ion:136 Resp: 211121

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.2	13.8
54	5.1	10.3	15.5#
68	3.8	4.5	6.7#



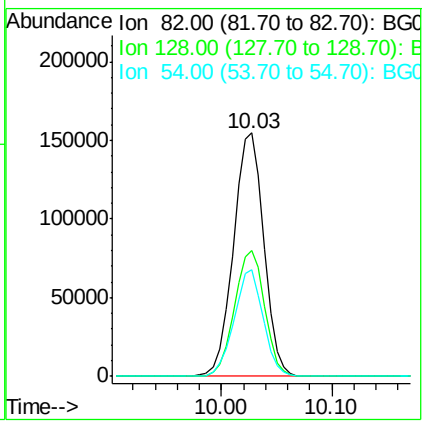


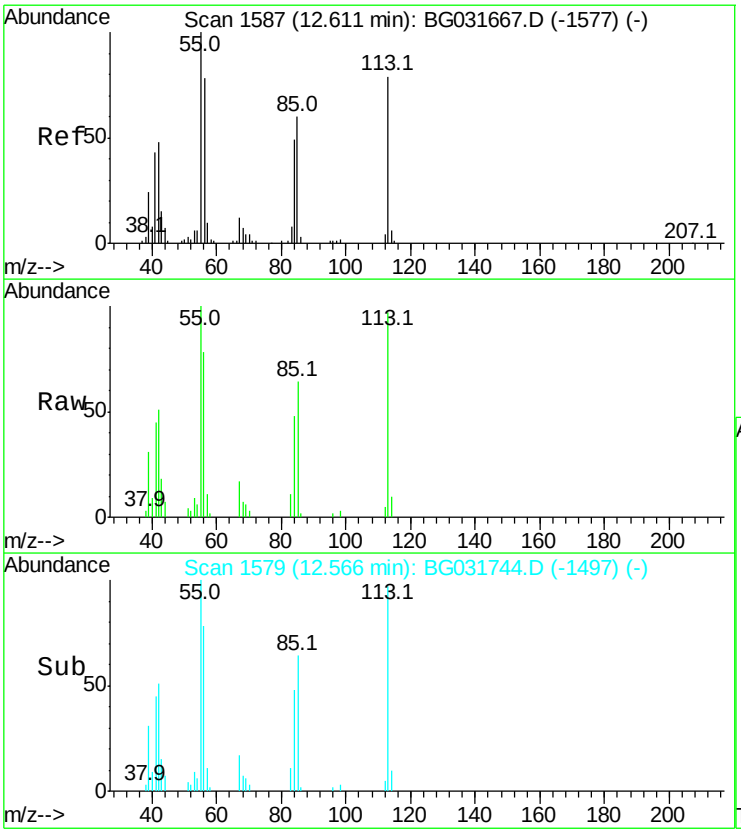
#23
Nitrobenzene-d5
Concen: 106.800 ng
RT: 10.03 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BG031744.D
Acq: 23 Dec 2017 12:02

Instrument :
BNA_G
ClientSampleId :
MW-9

Tgt Ion: 82 Resp: 298596

Ion	Ratio	Lower	Upper
82	100		
128	51.9	29.7	44.5#
54	43.8	43.1	64.7

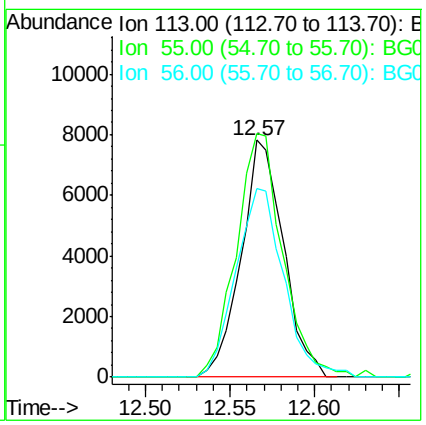


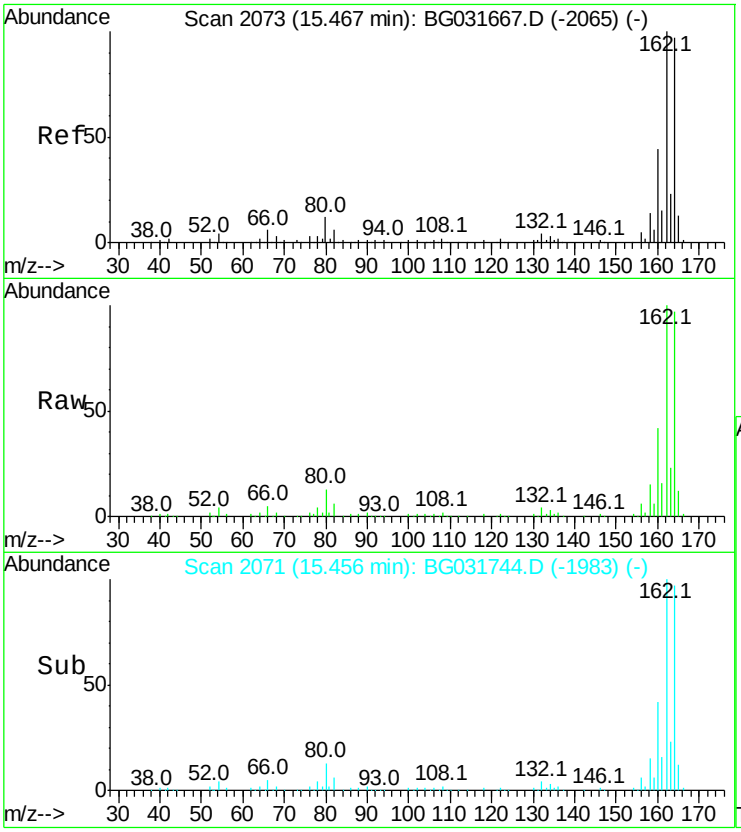


#35
Caprolactam
Concen: 11.998 ng
RT: 12.57 min Scan# 1579
Delta R.T. -0.05 min
Lab File: BG031744.D
Acq: 23 Dec 2017 12:02

Tgt Ion:113 Resp: 13574

Ion	Ratio	Lower	Upper
113	100		
55	102.8	186.9	226.9#
56	79.7	130.9	170.9#



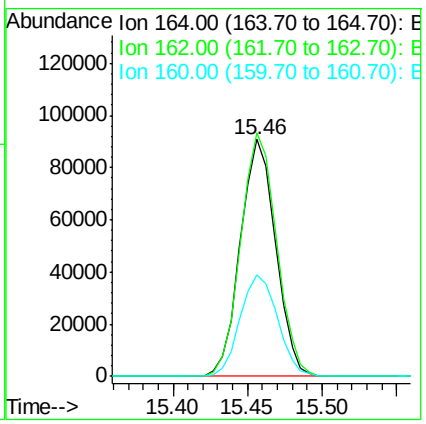


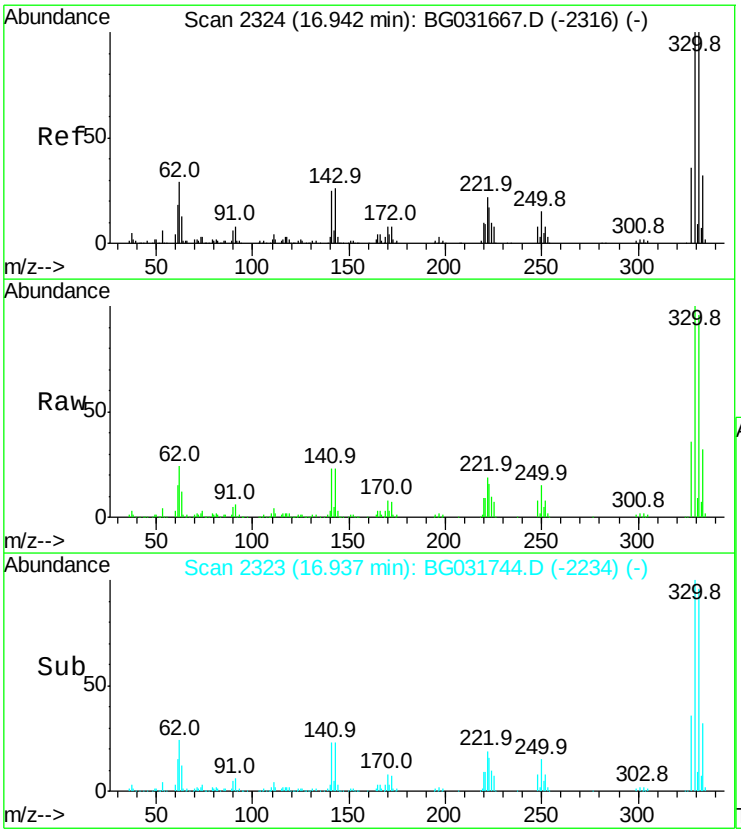
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.46 min Scan# 2071
Delta R.T. -0.01 min
Lab File: BG031744.D
Acq: 23 Dec 2017 12:02

Instrument :
BNA_G
ClientSampleId :
MW-9

Tgt Ion:164 Resp: 148320

Ion	Ratio	Lower	Upper
164	100		
162	102.7	78.8	118.2
160	42.7	35.4	53.0

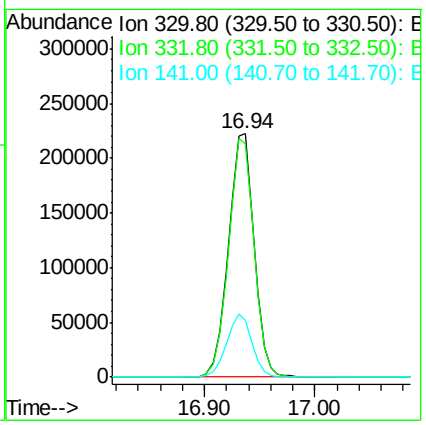


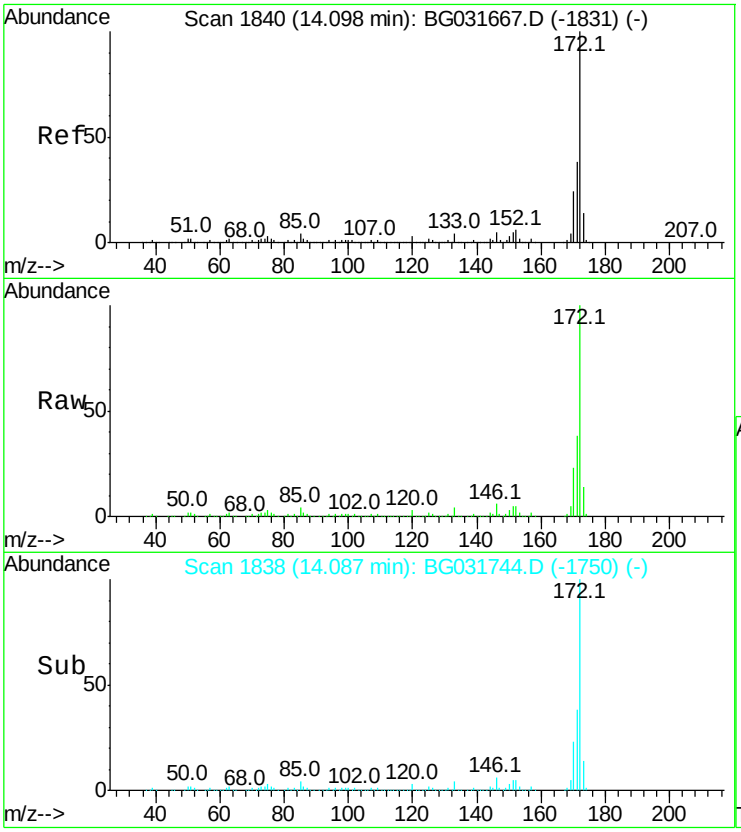


#41
2,4,6-Tribromophenol
Concen: 160.568 ng
RT: 16.94 min Scan# 2323
Delta R.T. -0.00 min
Lab File: BG031744.D
Acq: 23 Dec 2017 12:02

Tgt Ion:330 Resp: 363391

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	25.5	25.2	37.8



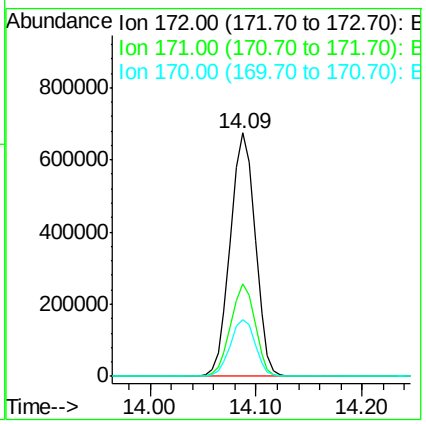


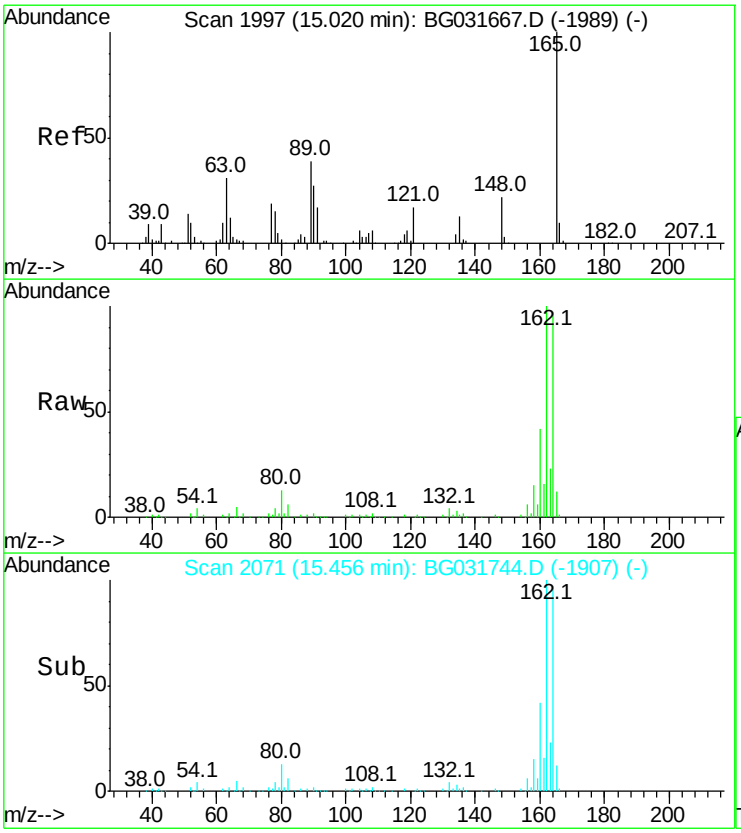
#44
2-Fluorobiphenyl
Concen: 92.845 ng
RT: 14.09 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BG031744.D
Acq: 23 Dec 2017 12:02

Instrument :
BNA_G
ClientSampleId :
MW-9

Tgt Ion:172 Resp: 1097158

Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.0	45.0
170	23.5	19.5	29.3

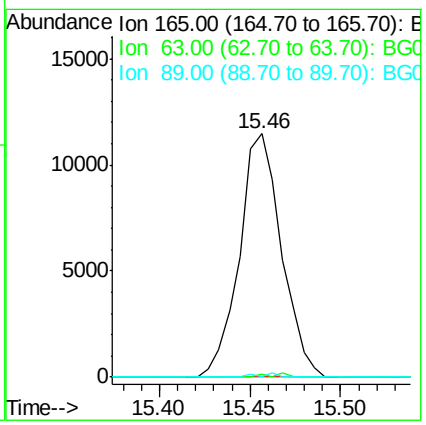


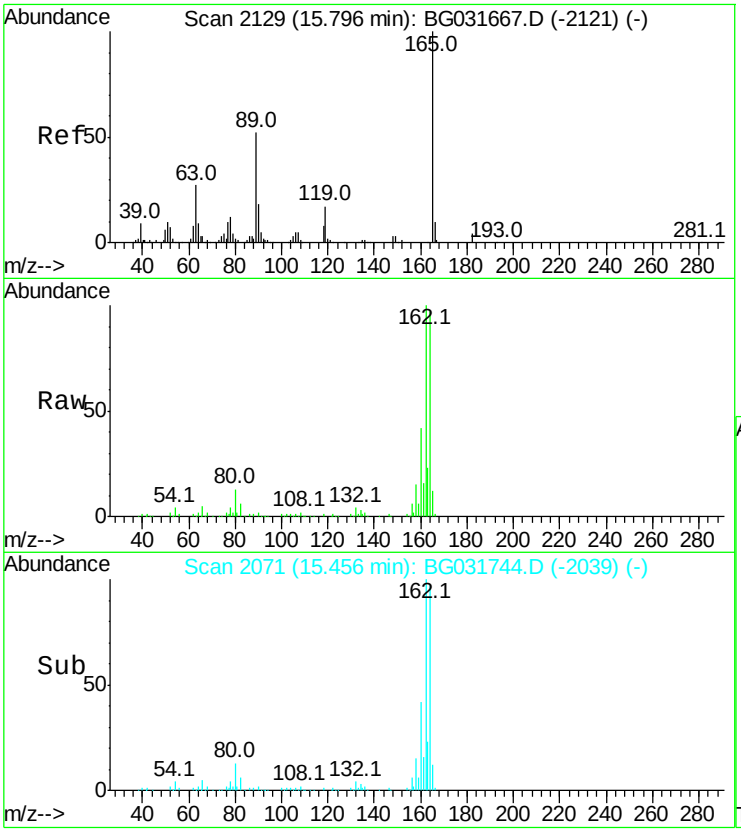


#50
2,6-Dinitrotoluene
Concen: 7.658 ng
RT: 15.46 min Scan# 2071
Delta R.T. 0.44 min
Lab File: BG031744.D
Acq: 23 Dec 2017 12:02

Tgt Ion:165 Resp: 18408

Ion	Ratio	Lower	Upper
165	100		
63	1.3	52.7	79.1#
89	0.0	49.2	73.8#



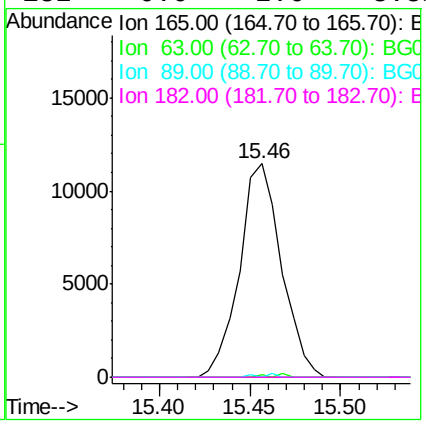


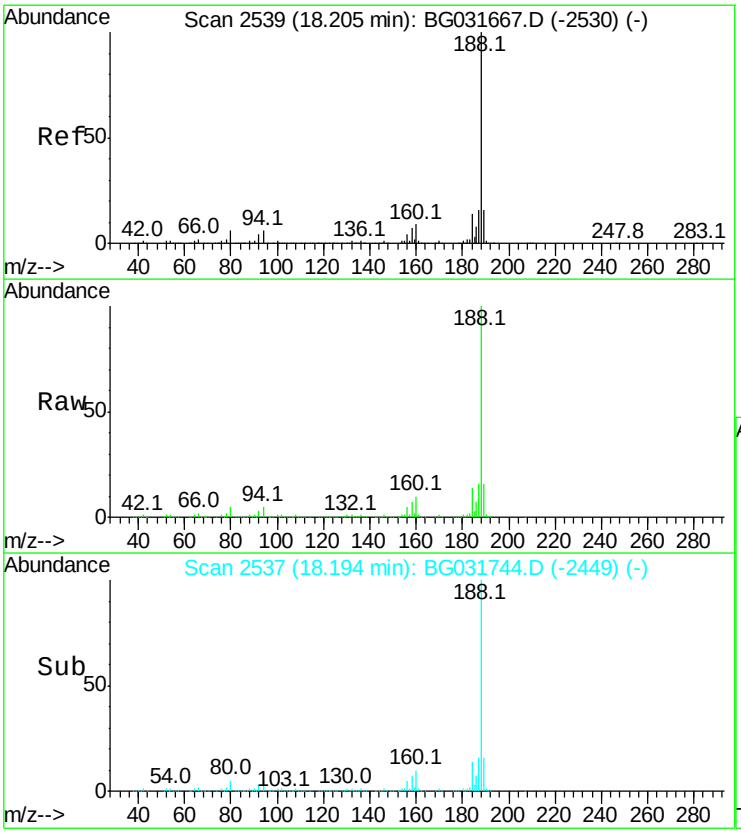
#56
2,4-Dinitrotoluene
Concen: 5.956 ng
RT: 15.46 min Scan# 2071
Delta R.T. -0.34 min
Lab File: BG031744.D
Acq: 23 Dec 2017 12:02

Instrument :
BNA_G
ClientSampleId :
MW-9

Tgt Ion:165 Resp: 18408

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

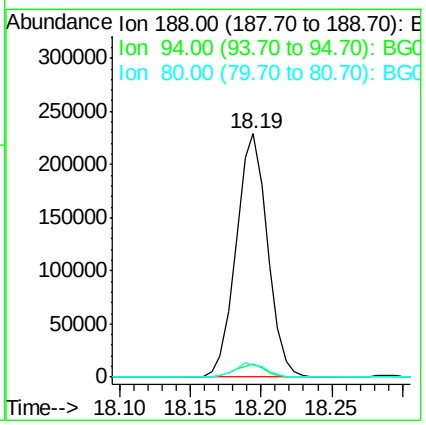


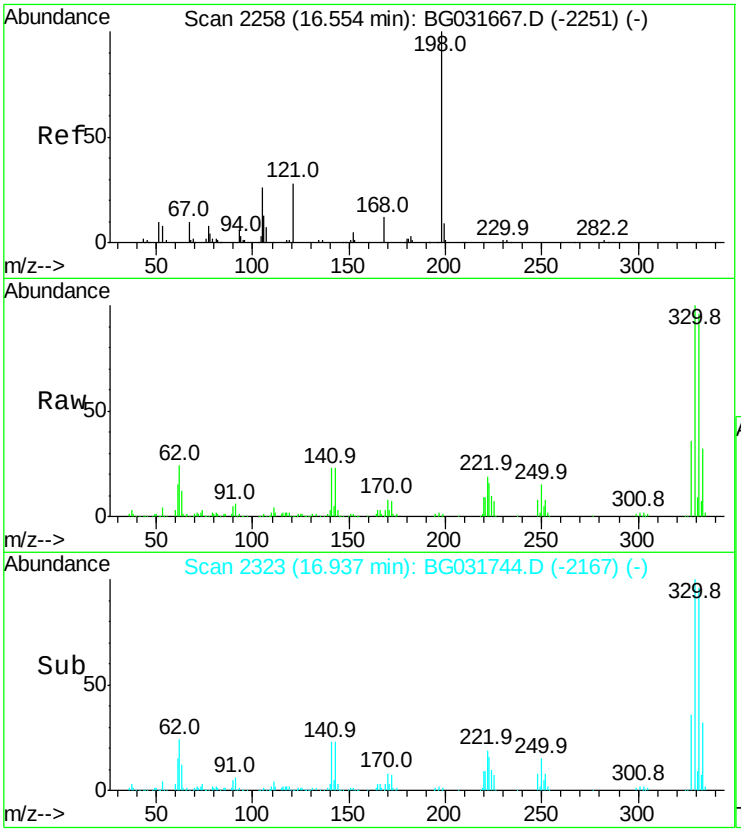


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.19 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BG031744.D
Acq: 23 Dec 2017 12:02

Tgt Ion:188 Resp: 354066

Ion	Ratio	Lower	Upper
188	100		
94	5.3	6.9	10.3#
80	5.0	7.7	11.5#



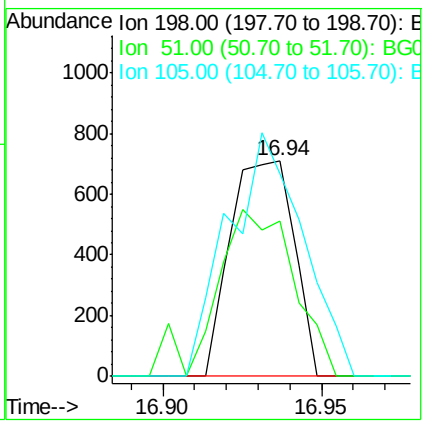


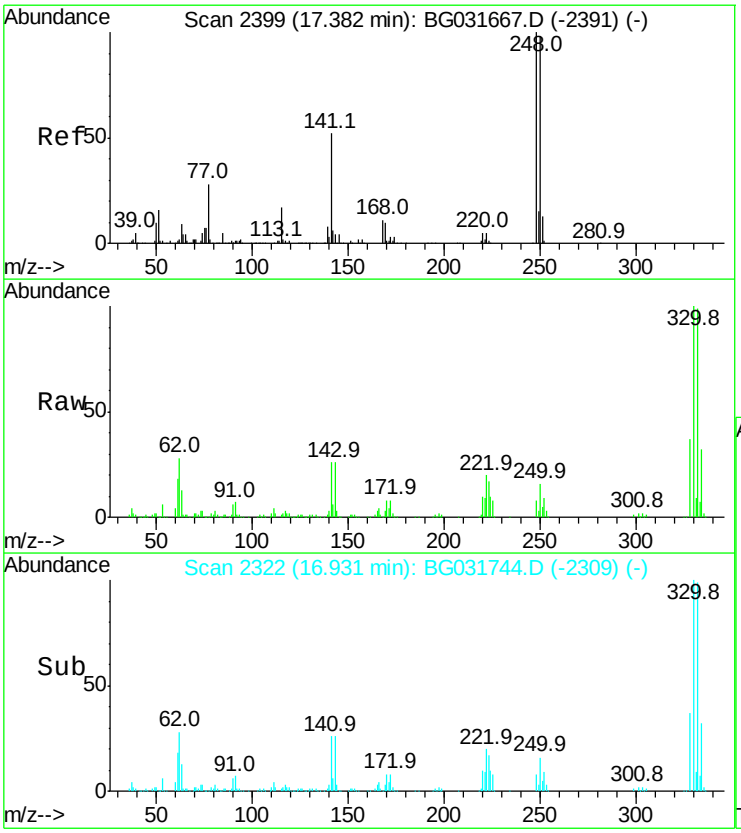
#64
4,6-Dinitro-2-methylphenol
Concen: 8.780 ng
RT: 16.94 min Scan# 2323
Delta R.T. 0.38 min
Lab File: BG031744.D
Acq: 23 Dec 2017 12:02

Instrument :
BNA_G
ClientSampleId :
MW-9

Tgt Ion:198 Resp: 988

Ion	Ratio	Lower	Upper
198	100		
51	72.2	30.6	70.6#
105	94.0	23.8	63.8#

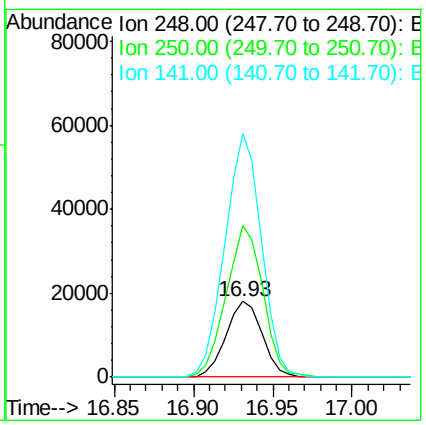


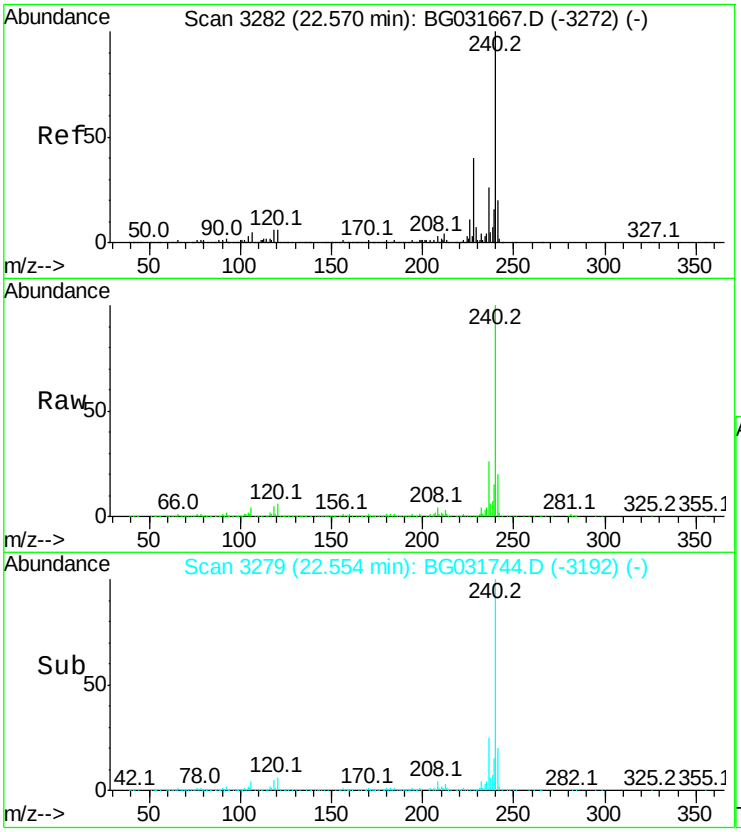


#66
4-Bromophenyl-phenylether
Concen: 5.590 ng
RT: 16.93 min Scan# 2322
Delta R.T. -0.45 min
Lab File: BG031744.D
Acq: 23 Dec 2017 12:02

Tgt Ion:248 Resp: 28621

Ion	Ratio	Lower	Upper
248	100		
250	201.5	77.1	115.7#
141	323.2	50.8	76.2#



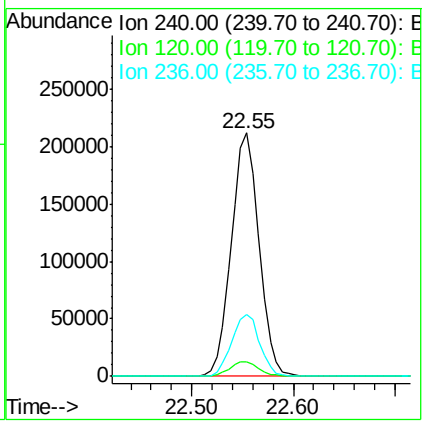


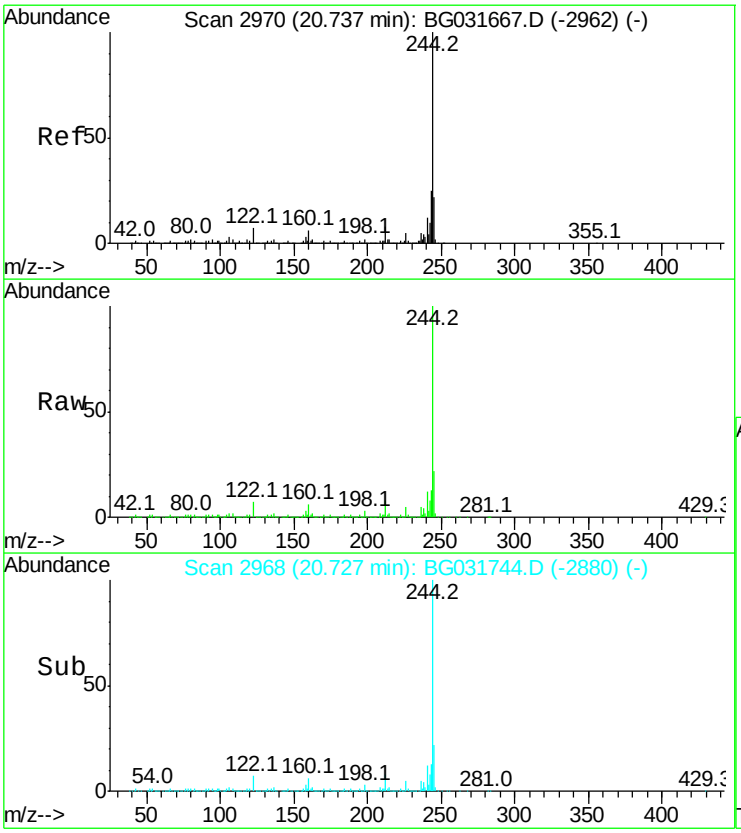
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3279
Delta R.T. -0.02 min
Lab File: BG031744.D
Acq: 23 Dec 2017 12:02

Instrument :
BNA_G
ClientSampleId :
MW-9

Tgt Ion:240 Resp: 401945

Ion	Ratio	Lower	Upper
240	100		
120	6.2	6.8	10.2#
236	25.5	20.9	31.3

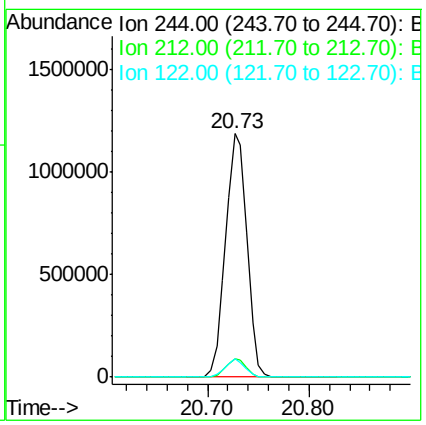


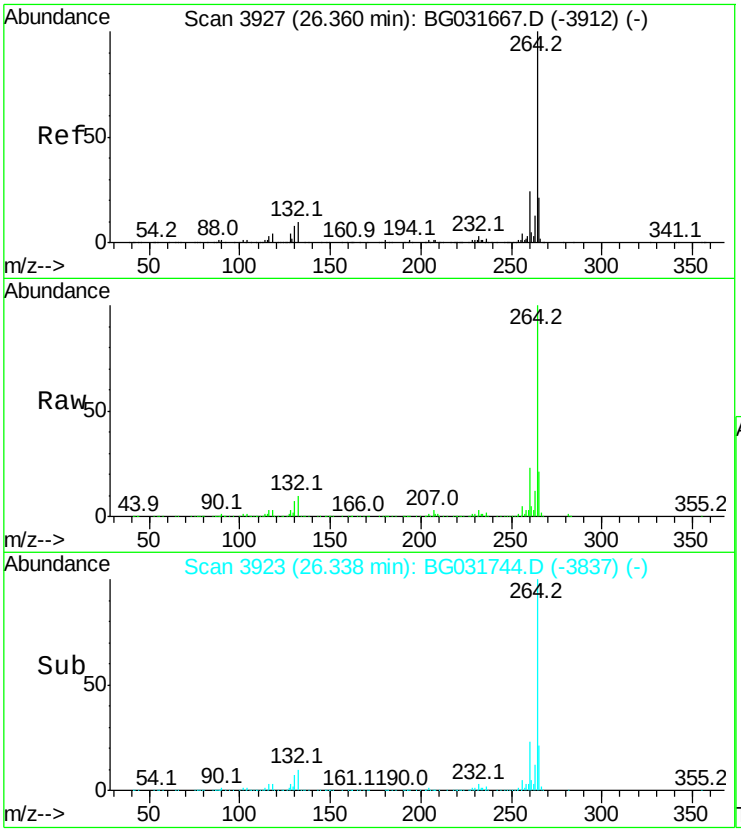


#78
Terphenyl-d14
Concen: 98.653 ng
RT: 20.73 min Scan# 2968
Delta R.T. -0.01 min
Lab File: BG031744.D
Acq: 23 Dec 2017 12:02

Tgt Ion:244 Resp: 1735627

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.8
122	7.3	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.34 min Scan# 3923
Delta R.T. -0.02 min
Lab File: BG031744.D
Acq: 23 Dec 2017 12:02

Instrument :
BNA_G
ClientSampleId :
MW-9

Tgt Ion:264 Resp: 436308

Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.4	26.0
265	20.8	17.7	26.5