Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122217\
Data File : BG031737.D
Acq On : 23 Dec 2017 7:39
Operator : SJ/JU
Sample : I7004-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C-MW-06-121917

Quant Time: Dec 25 04:43:44 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	50290	20.00	ng		-0.02
21) Naphthalene-d8	11.71	136	202474	20.00	ng		-0.01
38) Acenaphthene-d10	15.46	164	141714	20.00	ng		-0.01
63) Phenanthrene-d10	18.19	188	359341	20.00	ng		-0.01
75) Chrysene-d12	22.55	240	411400	20.00	ng		-0.02
86) Perylene-d12	26.33	264	438389	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	6.24	112	146383	53.02	ng		-0.01
7) Phenol-d6	7.92	99	117592	32.80	ng		-0.01
23) Nitrobenzene-d5	10.02	82	230803	86.08	ng		-0.02
41) 2,4,6-Tribromophenol	16.93	330	294524	136.20	ng		-0.01
44) 2-Fluorobiphenyl	14.09	172	904730	80.13	ng		-0.01
78) Terphenyl-d14	20.73	244	1609241	89.37	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	8.33	77	6364	2.948	ng		95
19) n-Nitroso-di-n-propylamine	10.03	70	30175	12.325	ng	#	71
50) 2,6-Dinitrotoluene	15.46	165	17324	7.543	ng	#	21
56) 2,4-Dinitrotoluene	15.46	165	17324	5.866	ng	#	18
64) 4,6-Dinitro-2-methylphenol	16.93	198	693	8.634	ng	#	19
66) 4-Bromophenyl-phenylether	16.93	248	23261	4.476	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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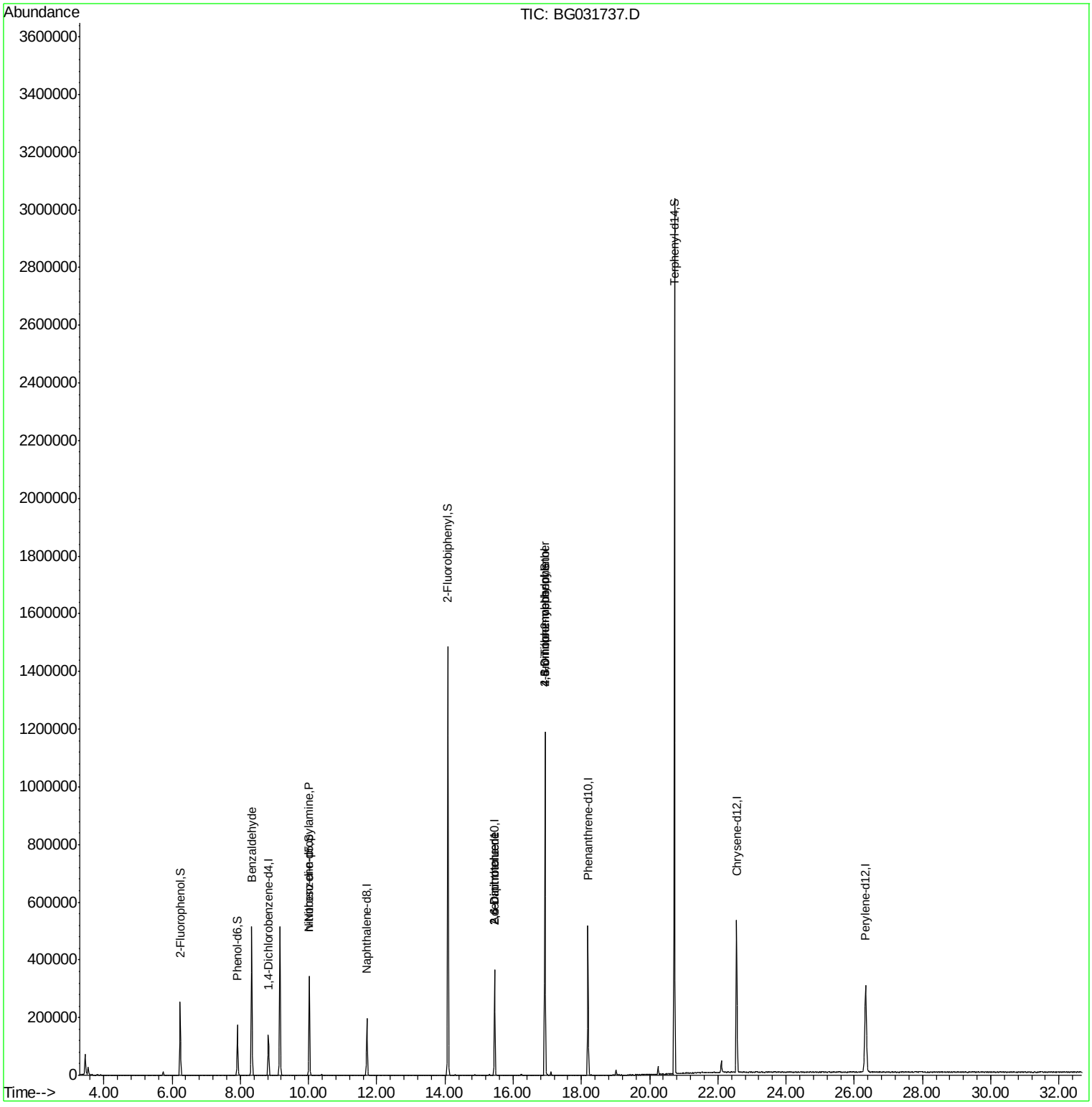
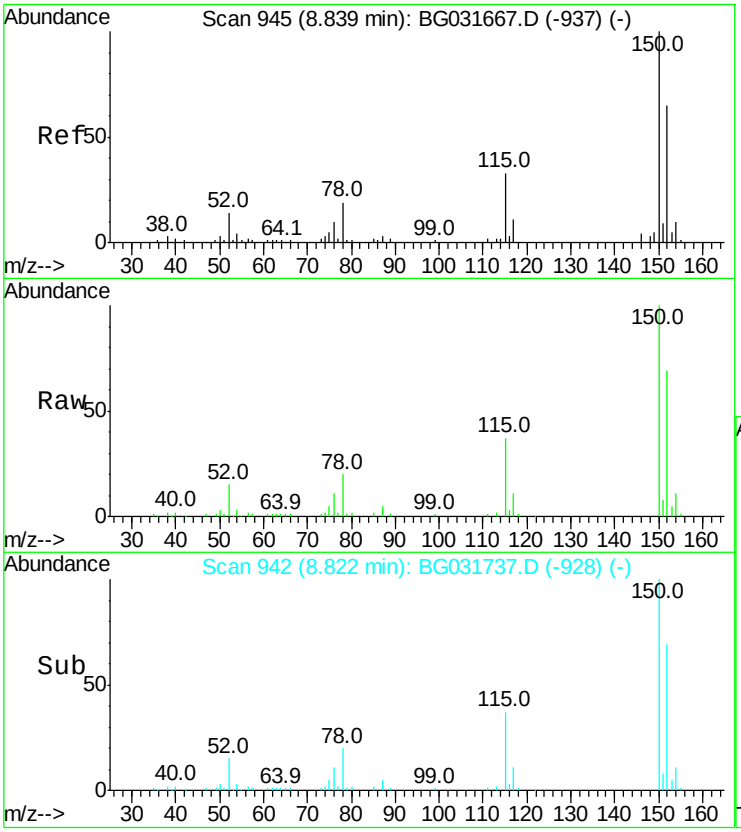


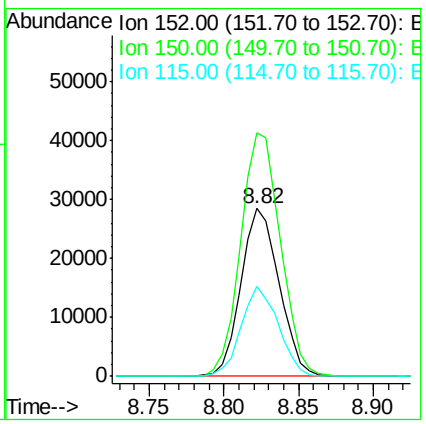


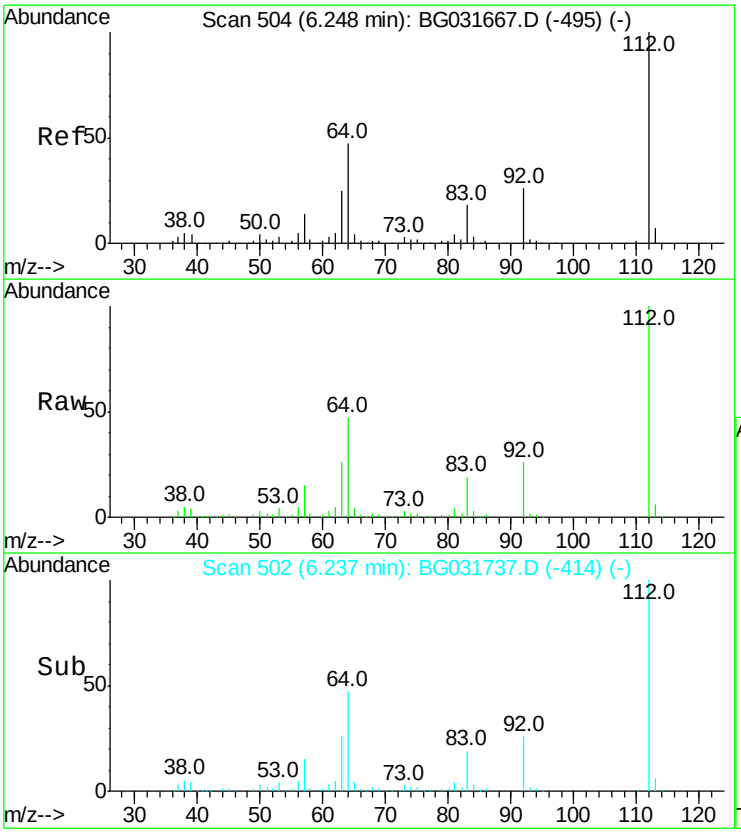
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.82 min Scan# 942
Delta R.T. -0.02 min
Lab File: BG031737.D
Acq: 23 Dec 2017 7:39

Instrument :
BNA_G
ClientSampleId :
C-MW-06-121917

Tgt Ion:152 Resp: 50290

Ion	Ratio	Lower	Upper
152	100		
150	145.1	126.6	189.8
115	53.9	53.0	79.4

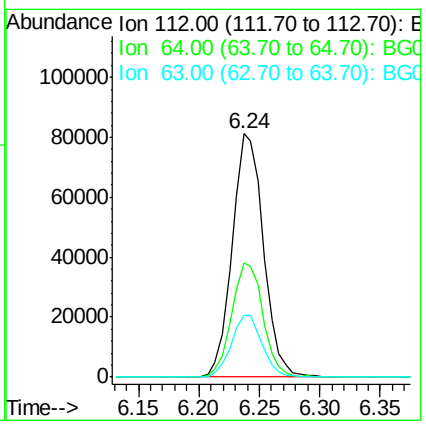


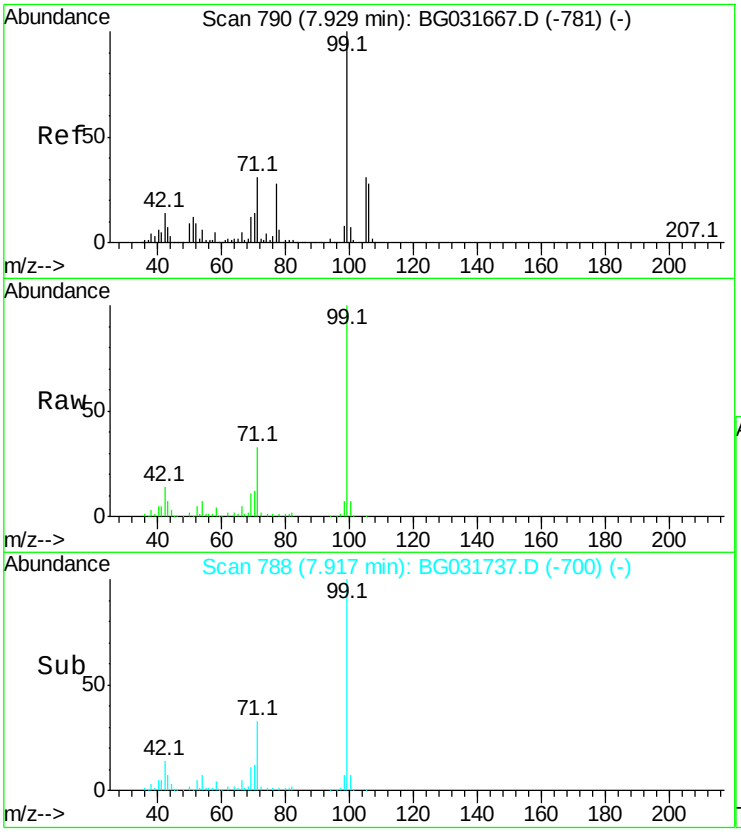


#5
2-Fluorophenol
Concen: 53.016 ng
RT: 6.24 min Scan# 502
Delta R.T. -0.01 min
Lab File: BG031737.D
Acq: 23 Dec 2017 7:39

Tgt Ion:112 Resp: 146383

Ion	Ratio	Lower	Upper
112	100		
64	47.0	56.3	84.5#
63	25.6	30.1	45.1#



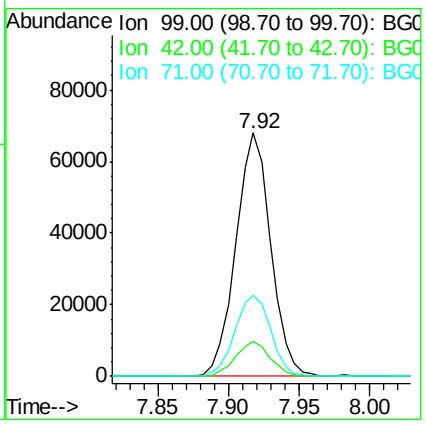


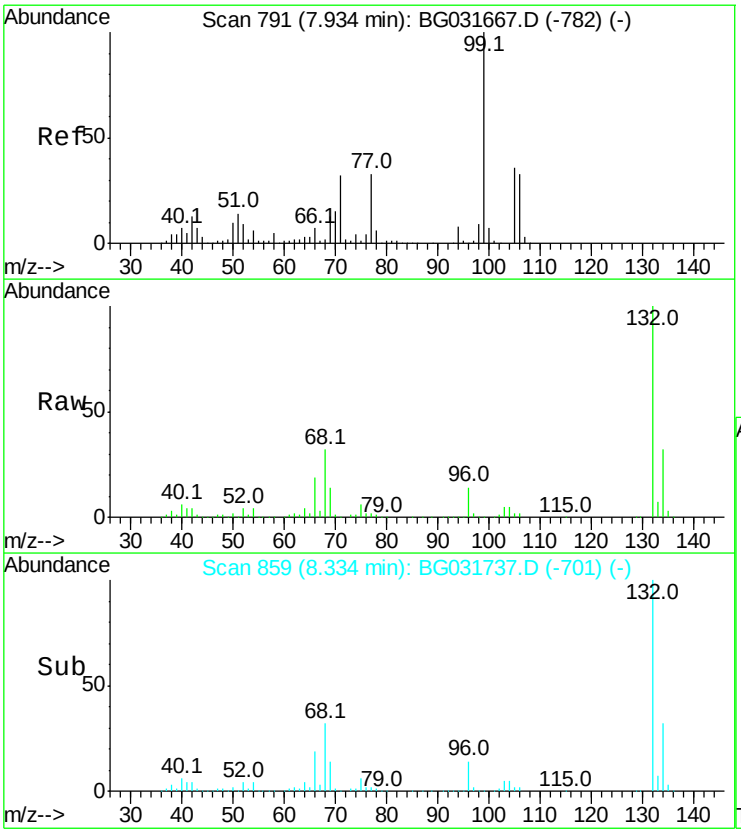
#7
Phenol-d6
Concen: 32.803 ng
RT: 7.92 min Scan# 788
Delta R.T. -0.01 min
Lab File: BG031737.D
Acq: 23 Dec 2017 7:39

Instrument :
BNA_G
ClientSampleId :
C-MW-06-121917

Tgt Ion: 99 Resp: 117592

Ion	Ratio	Lower	Upper
99	100		
42	14.5	14.1	21.1
71	33.4	26.1	39.1

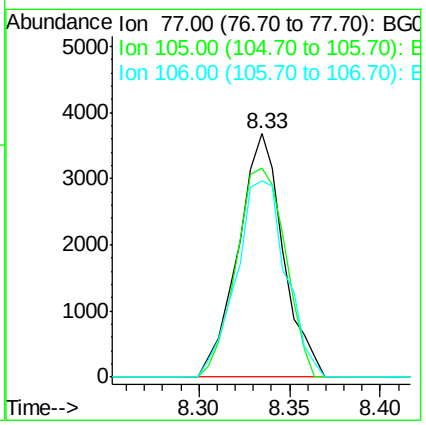


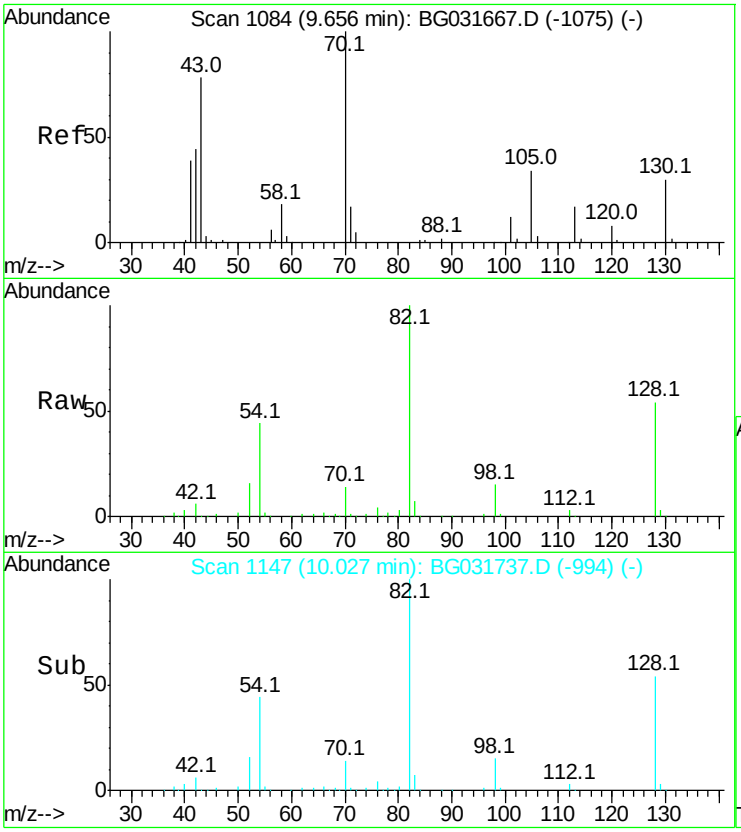


#9
Benzaldehyde
Concen: 2.948 ng
RT: 8.33 min Scan# 859
Delta R.T. 0.40 min
Lab File: BG031737.D
Acq: 23 Dec 2017 7:39

Tgt Ion: 77 Resp: 6364

Ion	Ratio	Lower	Upper
77	100		
105	86.1	71.3	111.3
106	80.4	64.2	104.2



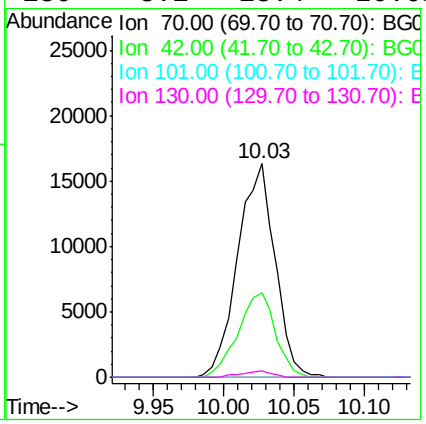


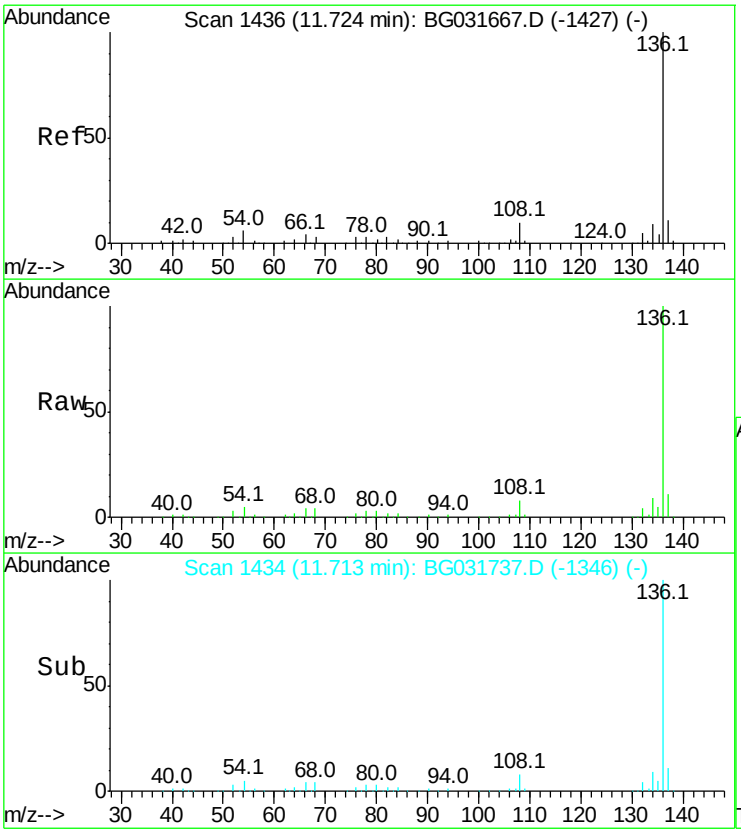
#19
n-Nitroso-di-n-propylamine
Concen: 12.325 ng
RT: 10.03 min Scan# 1147
Delta R.T. 0.37 min
Lab File: BG031737.D
Acq: 23 Dec 2017 7:39

Instrument :
BNA_G
ClientSampleId :
C-MW-06-121917

Tgt Ion: 70 Resp: 30175

Ion	Ratio	Lower	Upper
70	100		
42	39.8	49.1	73.7#
101	0.0	8.5	12.7#
130	3.1	13.4	20.0#

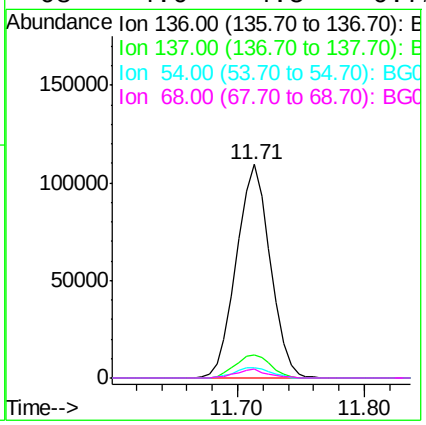


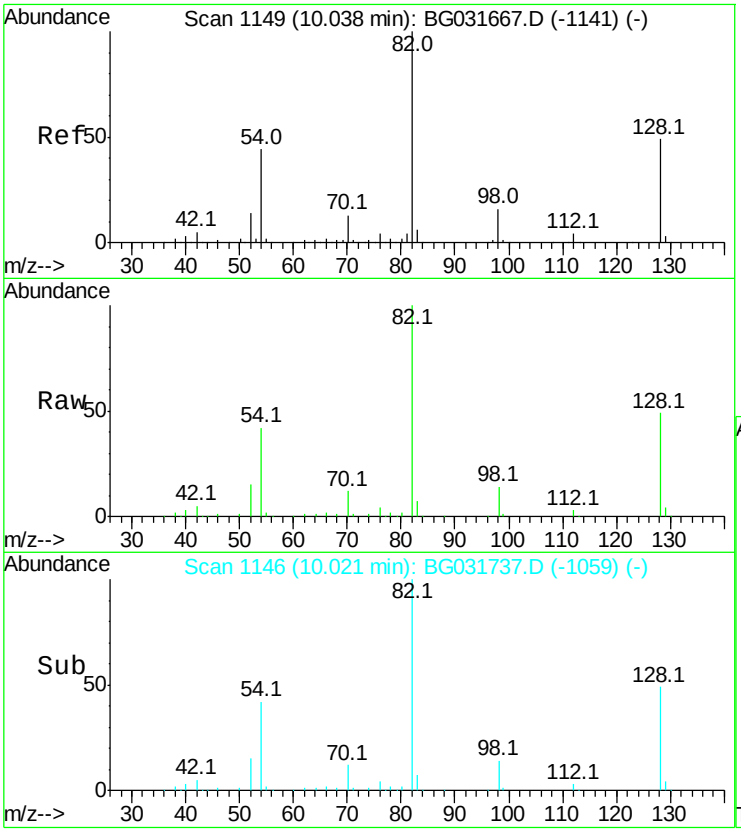


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.71 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BG031737.D
Acq: 23 Dec 2017 7:39

Tgt Ion:136 Resp: 202474

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	5.0	10.3	15.5#
68	4.0	4.5	6.7#



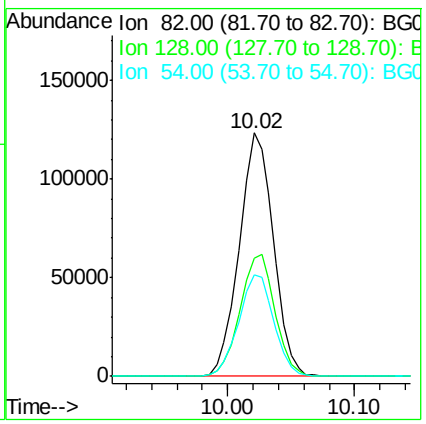


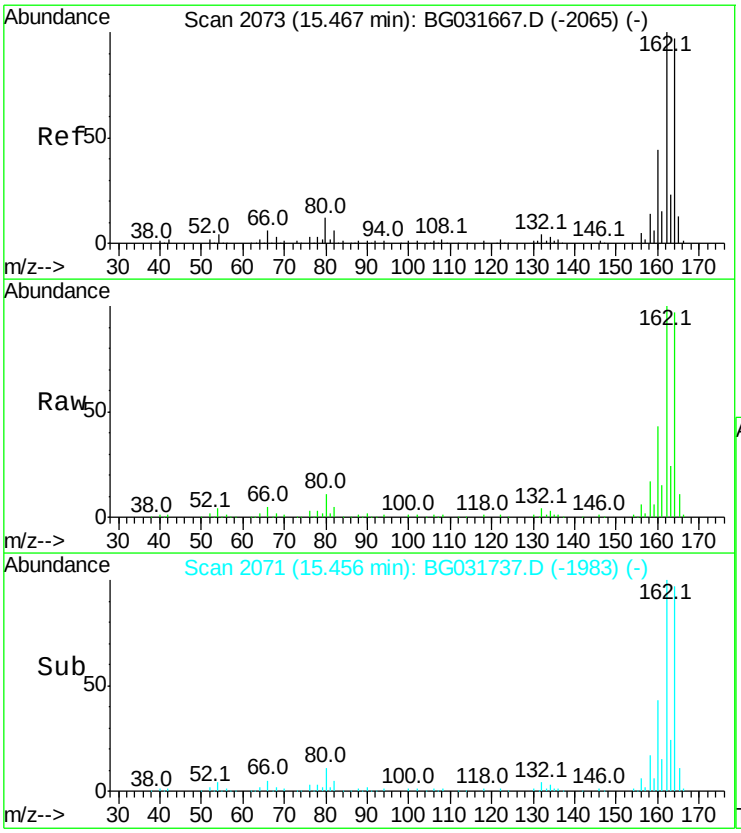
#23
Nitrobenzene-d5
Concen: 86.077 ng
RT: 10.02 min Scan# 1146
Delta R.T. -0.02 min
Lab File: BG031737.D
Acq: 23 Dec 2017 7:39

Instrument :
BNA_G
ClientSampleId :
C-MW-06-121917

Tgt Ion: 82 Resp: 230803

Ion	Ratio	Lower	Upper
82	100		
128	48.7	29.7	44.5#
54	41.7	43.1	64.7#

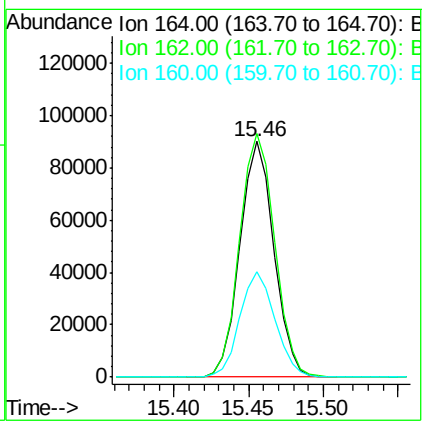


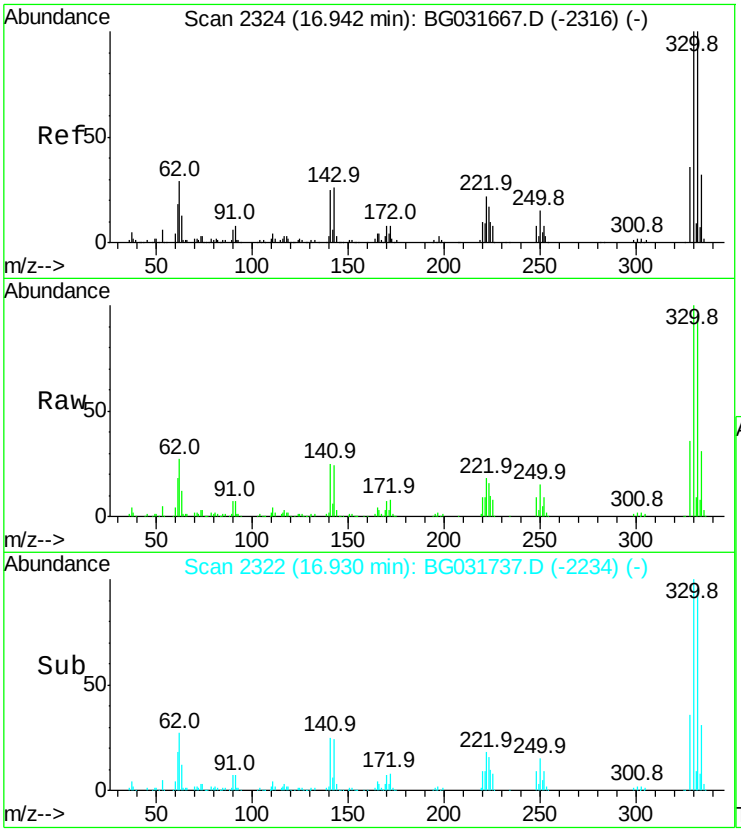


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.46 min Scan# 2071
Delta R.T. -0.01 min
Lab File: BG031737.D
Acq: 23 Dec 2017 7:39

Tgt Ion:164 Resp: 141714

Ion	Ratio	Lower	Upper
164	100		
162	103.4	78.8	118.2
160	44.7	35.4	53.0



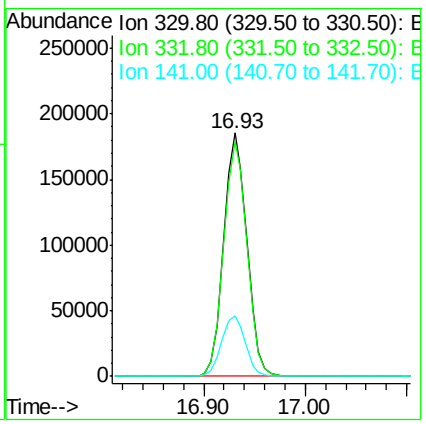


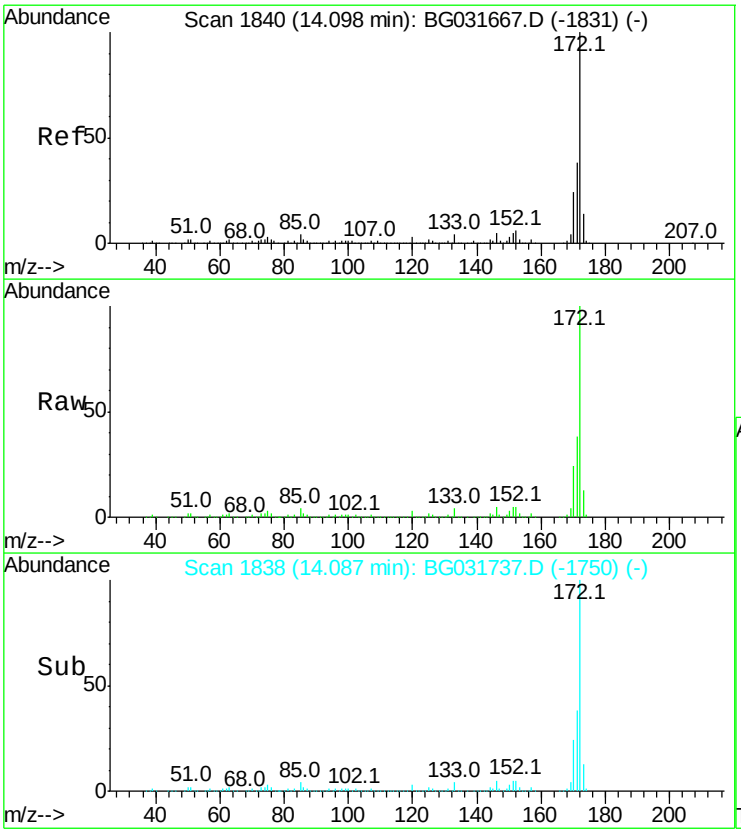
#41
2,4,6-Tribromophenol
Concen: 136.205 ng
RT: 16.93 min Scan# 2322
Delta R.T. -0.01 min
Lab File: BG031737.D
Acq: 23 Dec 2017 7:39

Instrument :
BNA_G
ClientSampleId :
C-MW-06-121917

Tgt Ion:330 Resp: 294524

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	25.4	25.2	37.8

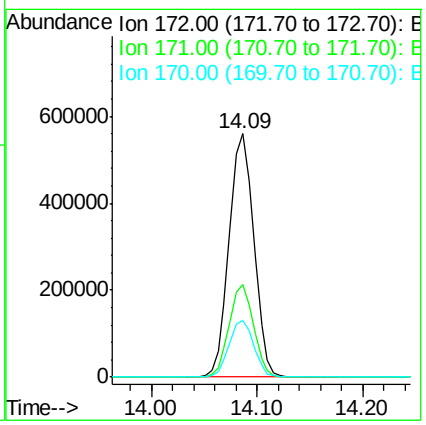


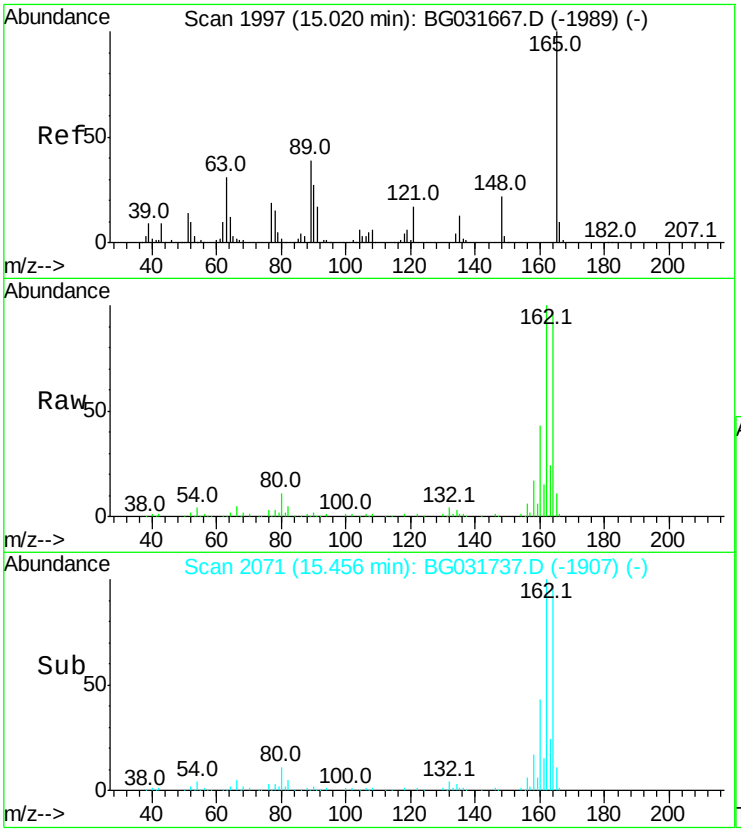


#44
2-Fluorobiphenyl
Concen: 80.130 ng
RT: 14.09 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BG031737.D
Acq: 23 Dec 2017 7:39

Tgt Ion:172 Resp: 904730

Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.0	45.0
170	23.5	19.5	29.3



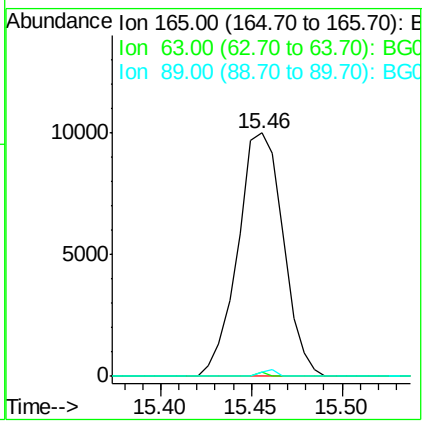


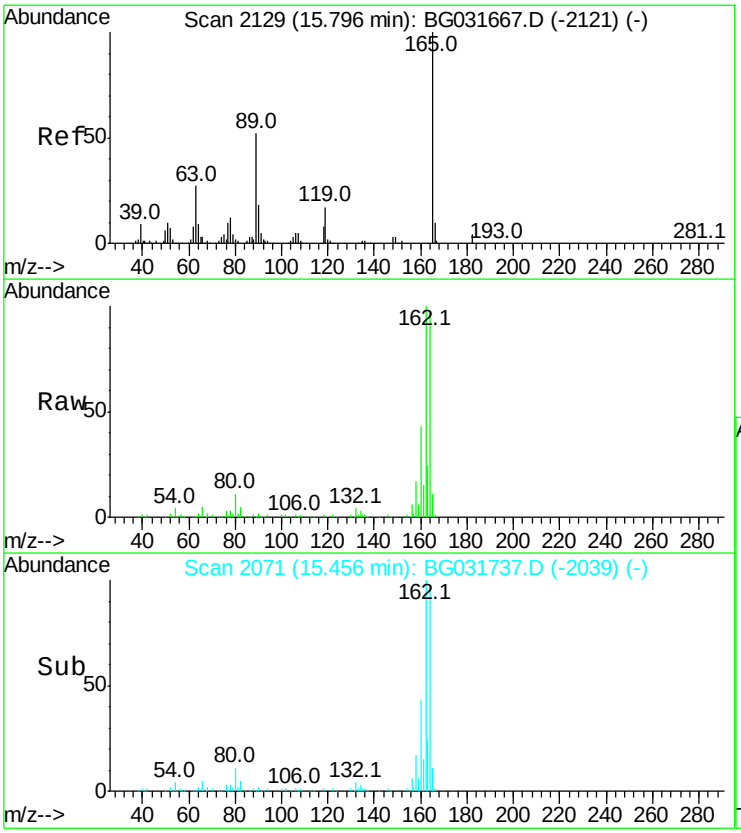
#50
2,6-Dinitrotoluene
Concen: 7.543 ng
RT: 15.46 min Scan# 2071
Delta R.T. 0.44 min
Lab File: BG031737.D
Acq: 23 Dec 2017 7:39

Instrument :
BNA_G
ClientSampleId :
C-MW-06-121917

Tgt Ion:165 Resp: 17324

Ion	Ratio	Lower	Upper
165	100		
63	1.7	52.7	79.1#
89	1.7	49.2	73.8#

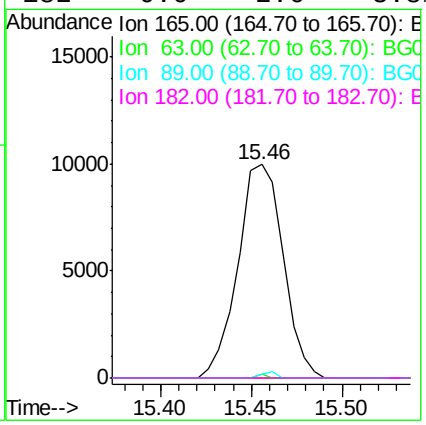


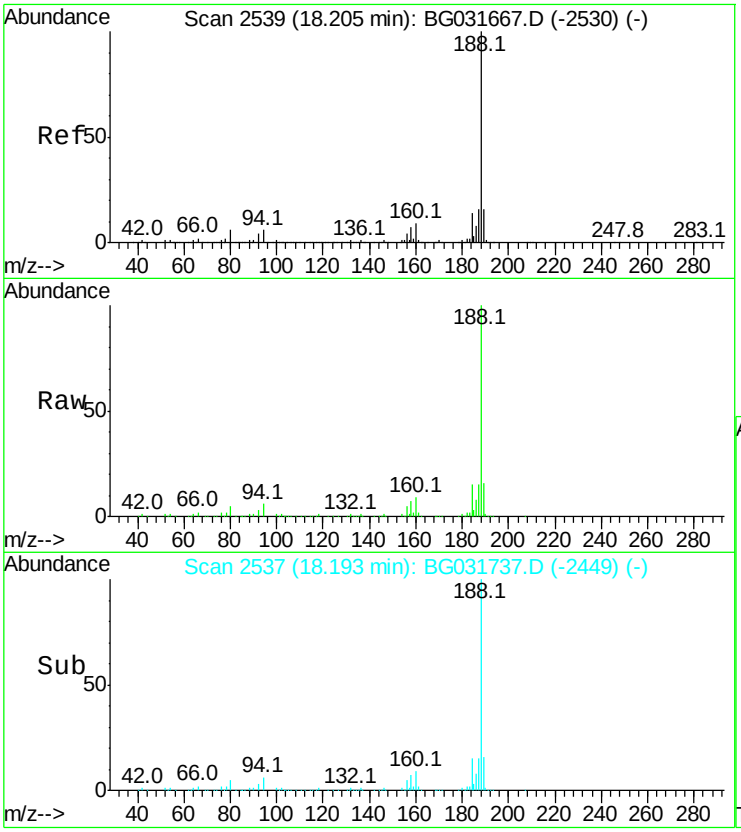


#56
2,4-Dinitrotoluene
Concen: 5.866 ng
RT: 15.46 min Scan# 2071
Delta R.T. -0.34 min
Lab File: BG031737.D
Acq: 23 Dec 2017 7:39

Tgt Ion:165 Resp: 17324

Ion	Ratio	Lower	Upper
165	100		
63	1.7	42.0	63.0#
89	1.7	66.9	100.3#
182	0.0	2.6	3.8#



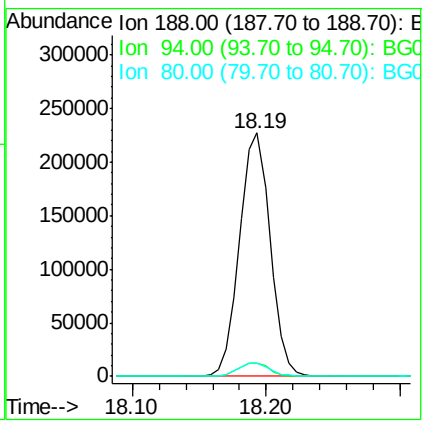


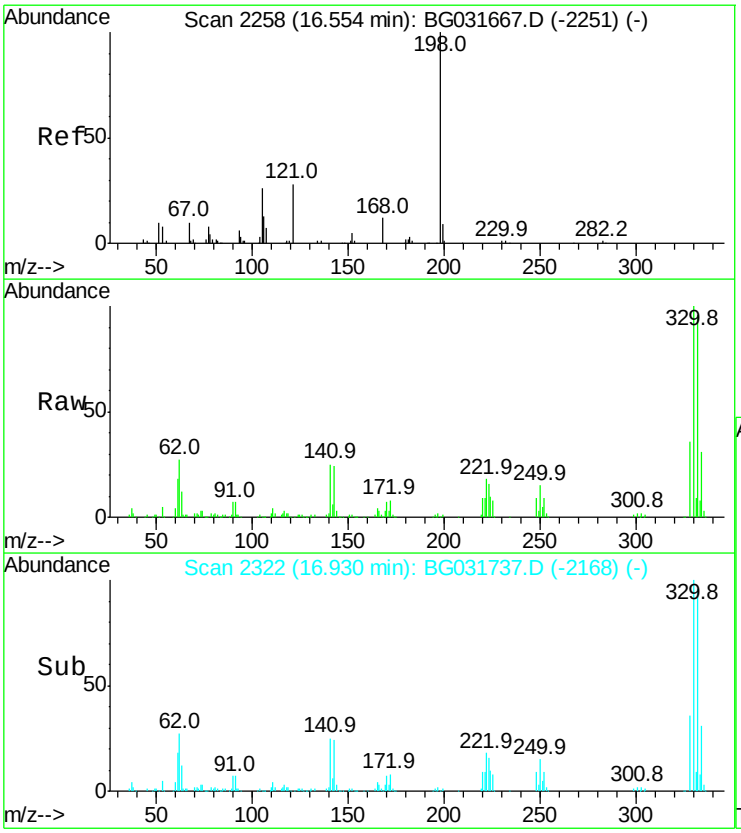
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.19 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BG031737.D
Acq: 23 Dec 2017 7:39

Instrument :
BNA_G
ClientSampleId :
C-MW-06-121917

Tgt Ion:188 Resp: 359341

Ion	Ratio	Lower	Upper
188	100		
94	5.6	6.9	10.3#
80	5.4	7.7	11.5#

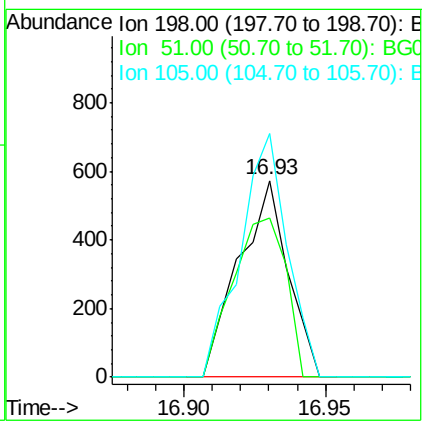


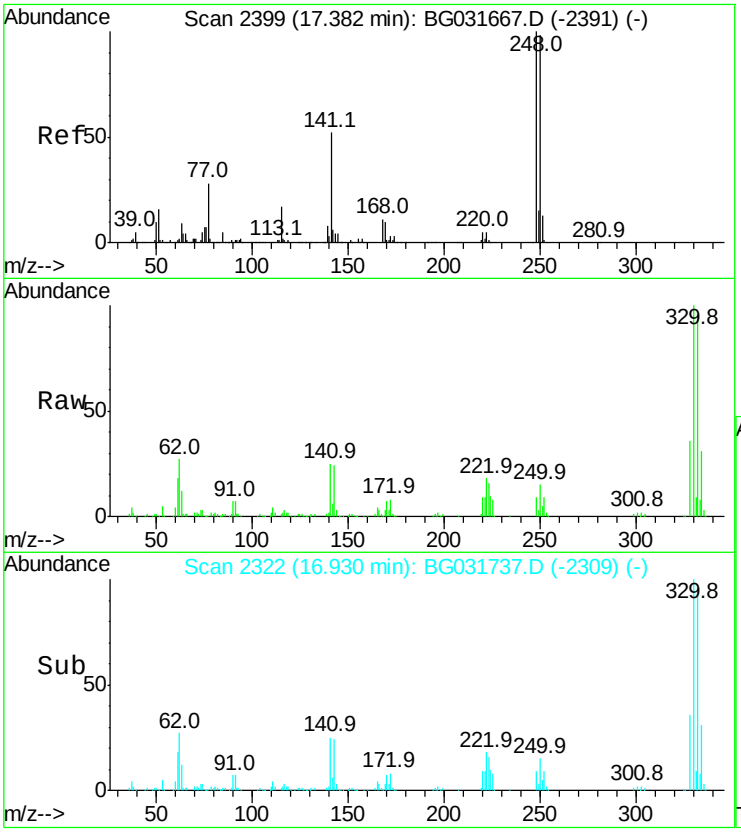


#64
4,6-Dinitro-2-methylphenol
Concen: 8.634 ng
RT: 16.93 min Scan# 2322
Delta R.T. 0.38 min
Lab File: BG031737.D
Acq: 23 Dec 2017 7:39

Tgt Ion:198 Resp: 693

Ion	Ratio	Lower	Upper
198	100		
51	80.8	30.6	70.6#
105	123.9	23.8	63.8#



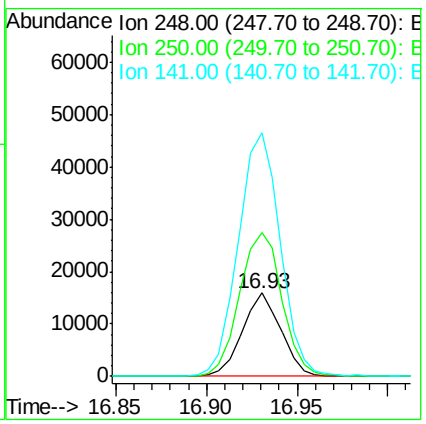


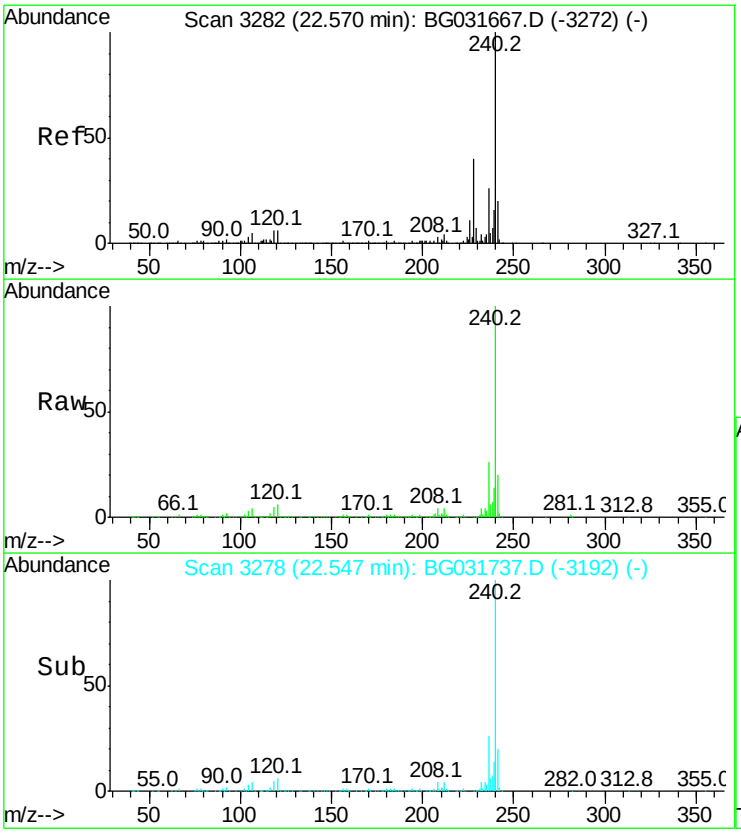
#66
4-Bromophenyl-phenylether
Concen: 4.476 ng
RT: 16.93 min Scan# 2322
Delta R.T. -0.45 min
Lab File: BG031737.D
Acq: 23 Dec 2017 7:39

Instrument :
BNA_G
ClientSampleId :
C-MW-06-121917

Tgt Ion:248 Resp: 23261

Ion	Ratio	Lower	Upper
248	100		
250	173.5	77.1	115.7#
141	292.5	50.8	76.2#

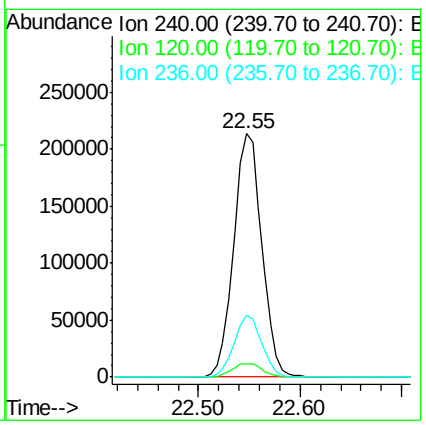


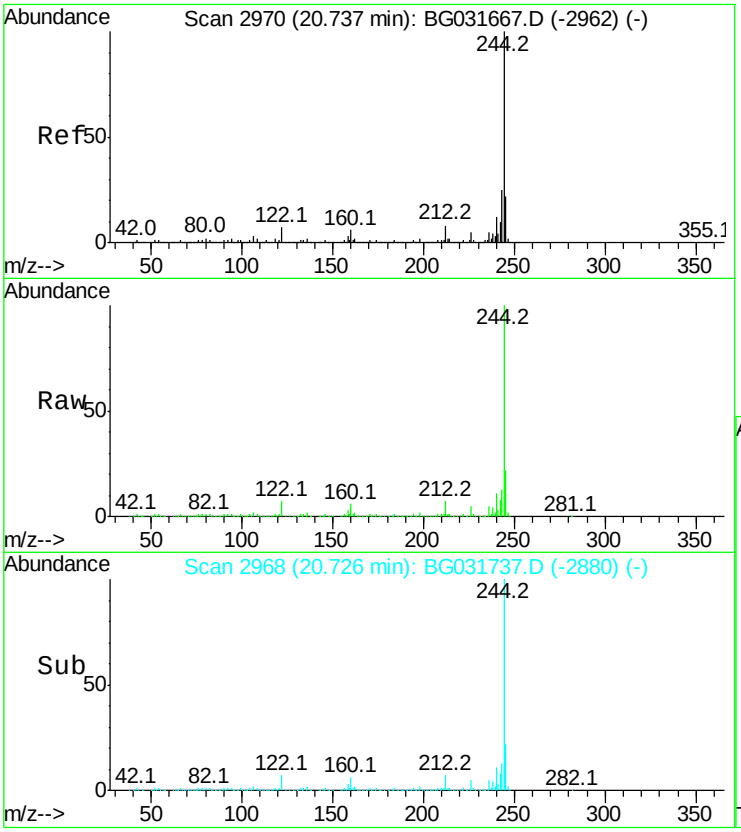


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3278
Delta R.T. -0.02 min
Lab File: BG031737.D
Acq: 23 Dec 2017 7:39

Tgt Ion:240 Resp: 411400

Ion	Ratio	Lower	Upper
240	100		
120	5.7	6.8	10.2#
236	25.6	20.9	31.3



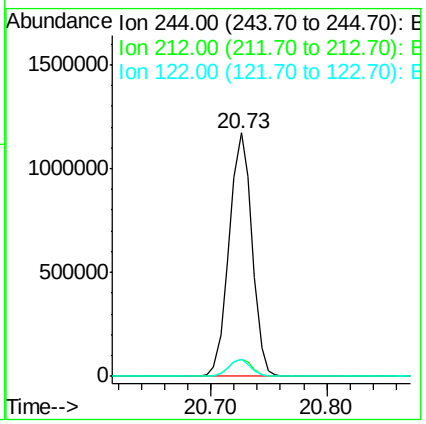


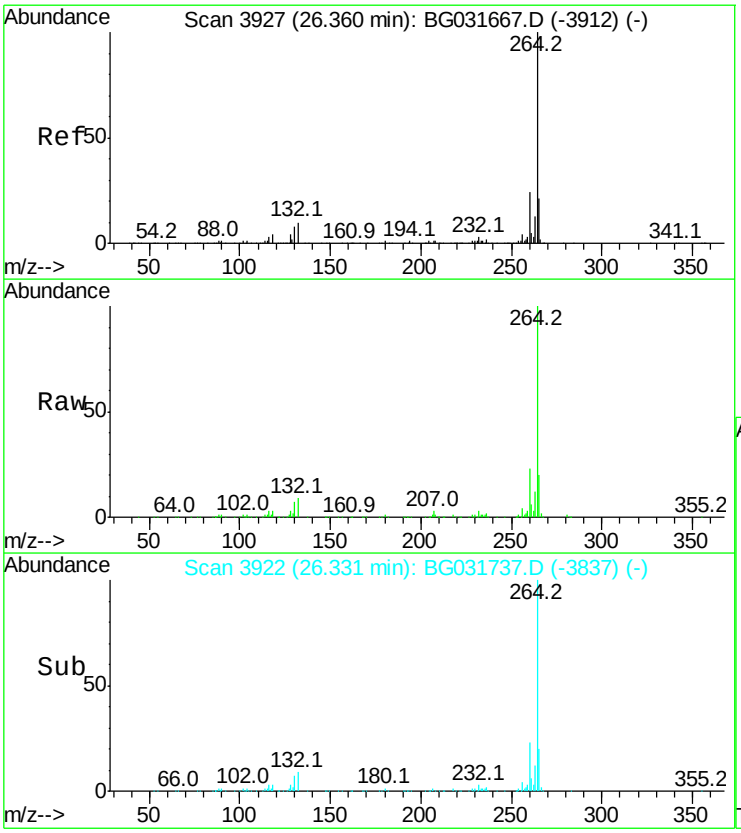
#78
Terphenyl-d14
Concen: 89.367 ng
RT: 20.73 min Scan# 2968
Delta R.T. -0.01 min
Lab File: BG031737.D
Acq: 23 Dec 2017 7:39

Instrument :
BNA_G
ClientSampleId :
C-MW-06-121917

Tgt Ion:244 Resp: 1609241

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	7.0	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.33 min Scan# 3922
Delta R.T. -0.03 min
Lab File: BG031737.D
Acq: 23 Dec 2017 7:39

Tgt Ion:264 Resp: 438389

Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.4	26.0
265	19.9	17.7	26.5