Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122217\
Data File : BG031750.D
Acq On : 23 Dec 2017 15:48
Operator : SJ/JU
Sample : I7022-04
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 72-11938

Quant Time: Dec 25 04:47:45 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	45074	20.00	ng		-0.02
21) Naphthalene-d8	11.71	136	175407	20.00	ng		-0.01
38) Acenaphthene-d10	15.46	164	122141	20.00	ng		-0.01
63) Phenanthrene-d10	18.19	188	299947	20.00	ng		-0.01
75) Chrysene-d12	22.55	240	349484	20.00	ng		-0.02
86) Perylene-d12	26.34	264	369180	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	6.24	112	308989	124.86	ng		0.00
7) Phenol-d6	7.92	99	359951	112.03	ng		0.00
23) Nitrobenzene-d5	10.02	82	224634	96.70	ng		-0.02
41) 2,4,6-Tribromophenol	16.93	330	257406	138.12	ng		-0.01
44) 2-Fluorobiphenyl	14.09	172	830309	85.32	ng		-0.01
78) Terphenyl-d14	20.73	244	1478854	96.68	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	8.34	77	7284	3.765	ng		86
19) n-Nitroso-di-n-propylamine	10.02	70	29564	13.473	ng	#	69
27) 2,4-Dimethylphenol	10.87	122	7035	2.663	ng	#	1
32) Benzoic acid	10.93	122	237	6.808	ng	#	53
50) 2,6-Dinitrotoluene	15.46	165	15246	7.702	ng	#	18
56) 2,4-Dinitrotoluene	15.46	165	15246	5.990	ng	#	16
64) 4,6-Dinitro-2-methylphenol	16.93	198	489	8.583	ng	#	21
66) 4-Bromophenyl-phenylether	16.93	248	20230	4.664	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 : 23 Dec 2017 15:48
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Instrument :
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72-11938

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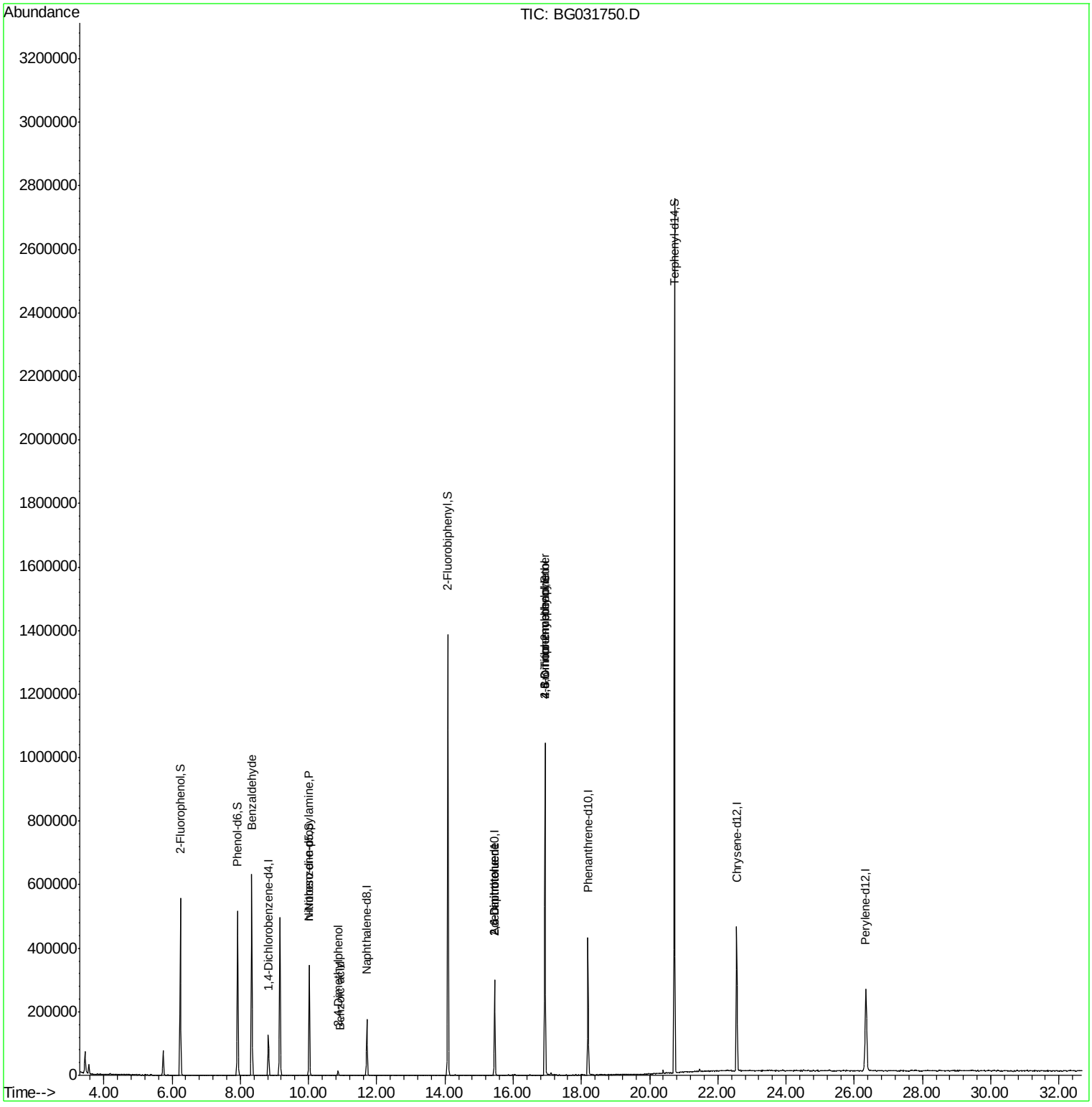
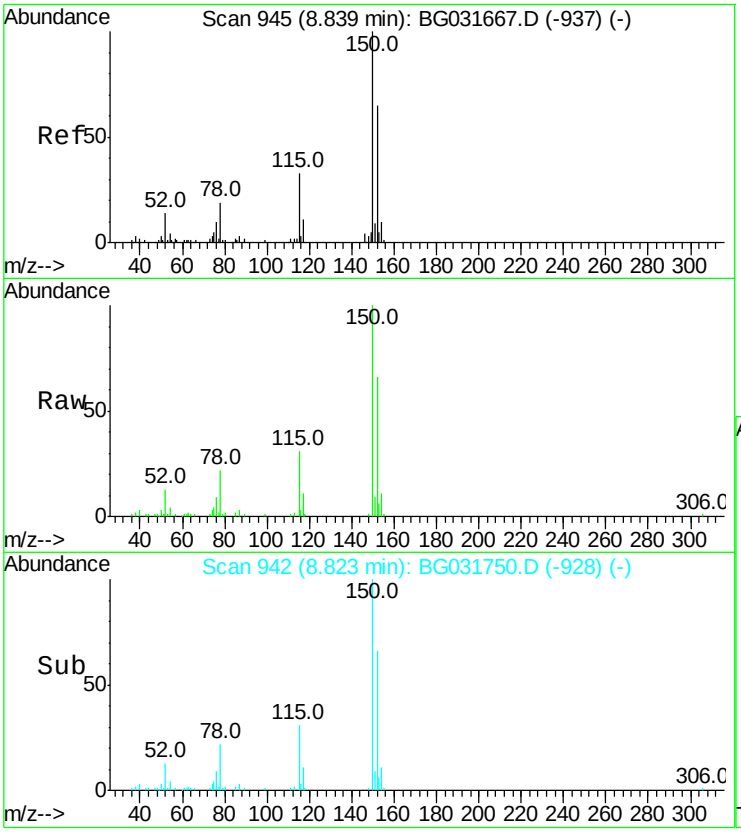


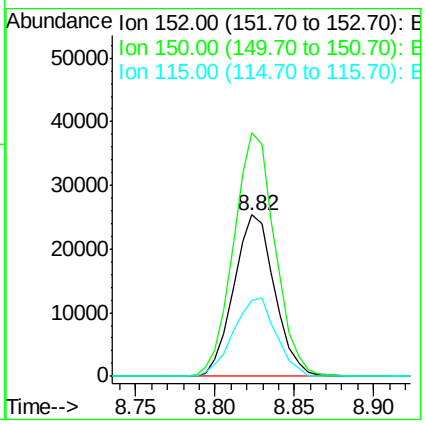


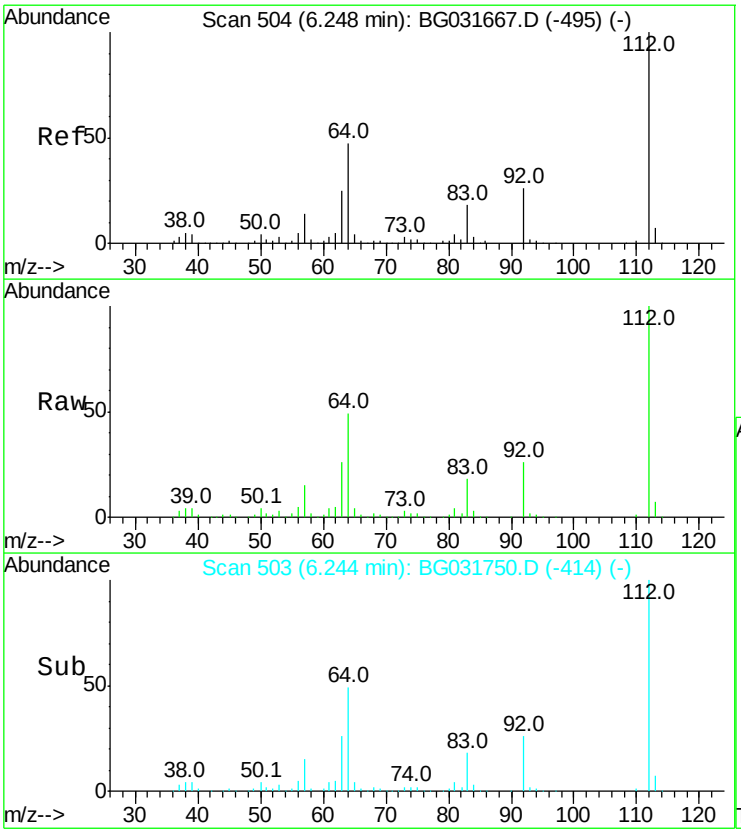
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.82 min Scan# 942
Delta R.T. -0.02 min
Lab File: BG031750.D
Acq: 23 Dec 2017 15:48

Instrument :
BNA_G
ClientSampleId :
72-11938

Tgt Ion:152 Resp: 45074

Ion	Ratio	Lower	Upper
152	100		
150	150.9	126.6	189.8
115	47.2	53.0	79.4#

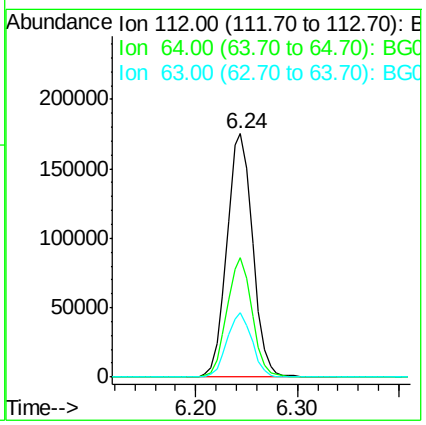


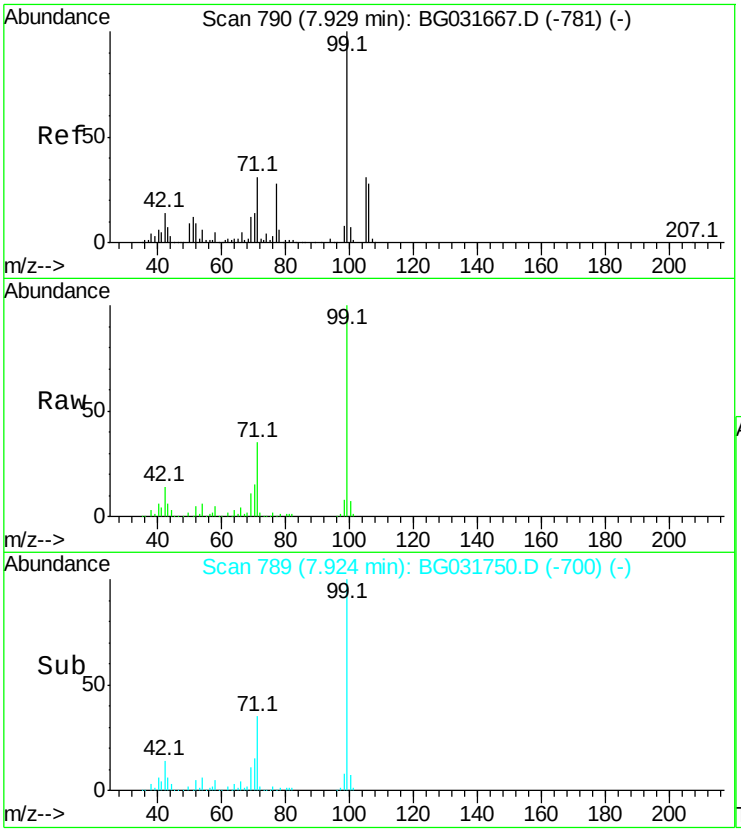


#5
2-Fluorophenol
Concen: 124.859 ng
RT: 6.24 min Scan# 503
Delta R.T. -0.00 min
Lab File: BG031750.D
Acq: 23 Dec 2017 15:48

Tgt Ion:112 Resp: 308989

Ion	Ratio	Lower	Upper
112	100		
64	48.9	56.3	84.5#
63	26.5	30.1	45.1#



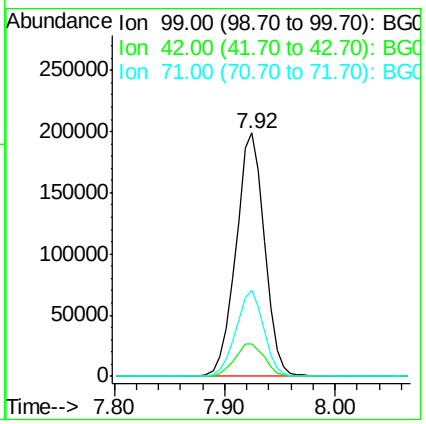


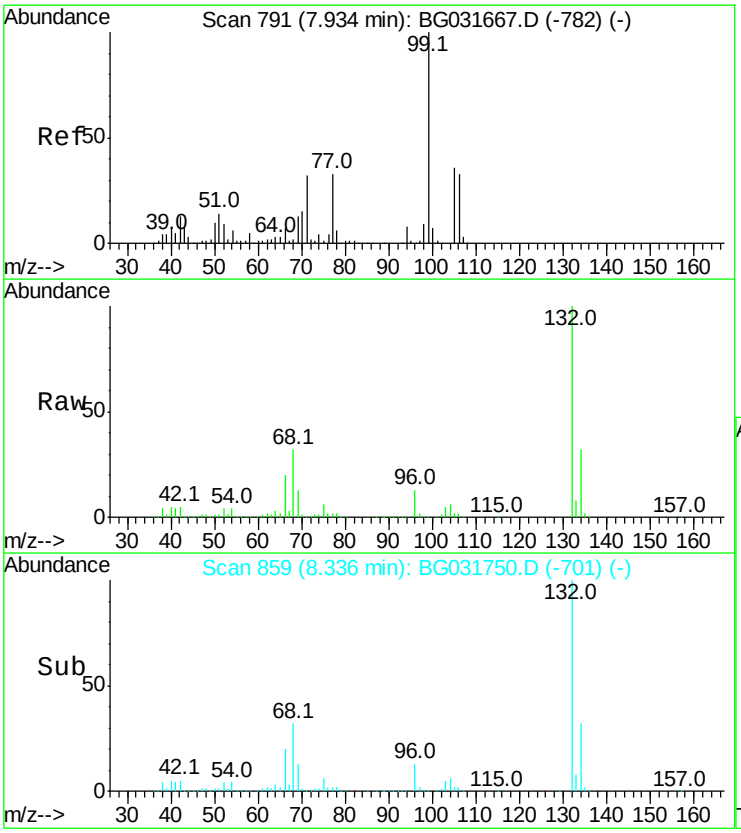
#7
Phenol-d6
Concen: 112.030 ng
RT: 7.92 min Scan# 789
Delta R.T. -0.00 min
Lab File: BG031750.D
Acq: 23 Dec 2017 15:48

Instrument :
BNA_G
ClientSampleId :
72-11938

Tgt Ion: 99 Resp: 359951

Ion	Ratio	Lower	Upper
99	100		
42	13.6	14.1	21.1#
71	35.2	26.1	39.1

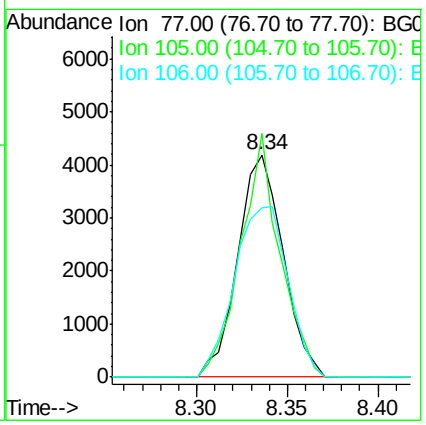


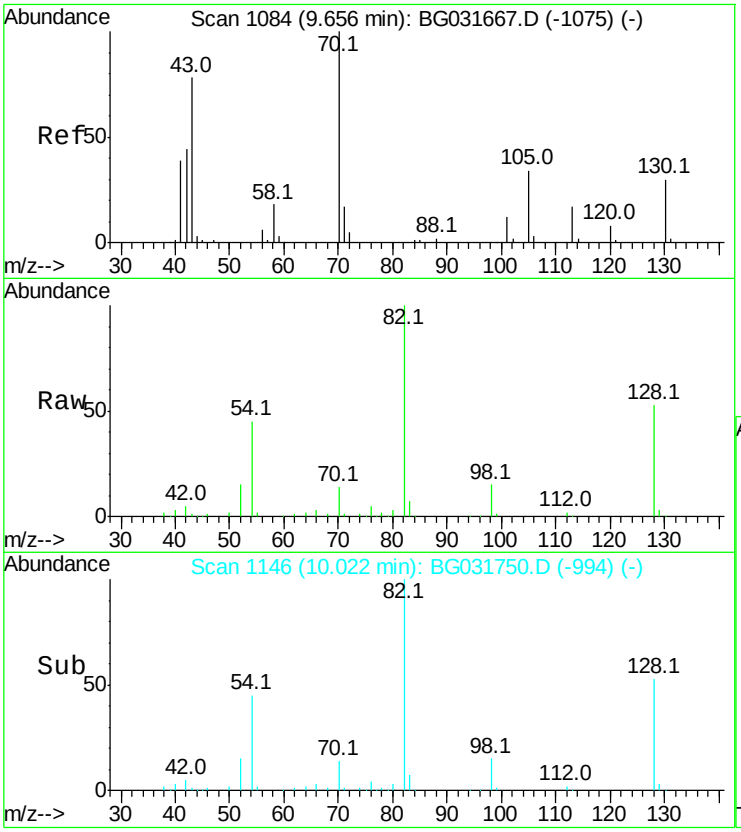


#9
Benzaldehyde
Concen: 3.765 ng
RT: 8.34 min Scan# 859
Delta R.T. 0.40 min
Lab File: BG031750.D
Acq: 23 Dec 2017 15:48

Tgt Ion: 77 Resp: 7284

Ion	Ratio	Lower	Upper
77	100		
105	109.5	71.3	111.3
106	76.3	64.2	104.2



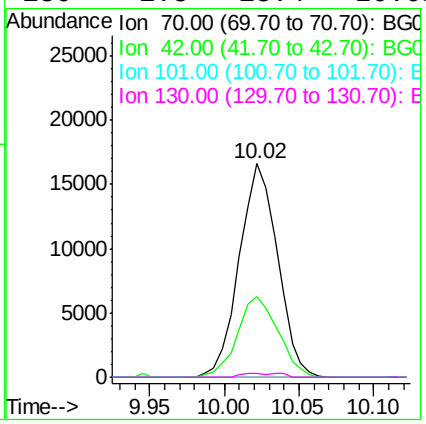


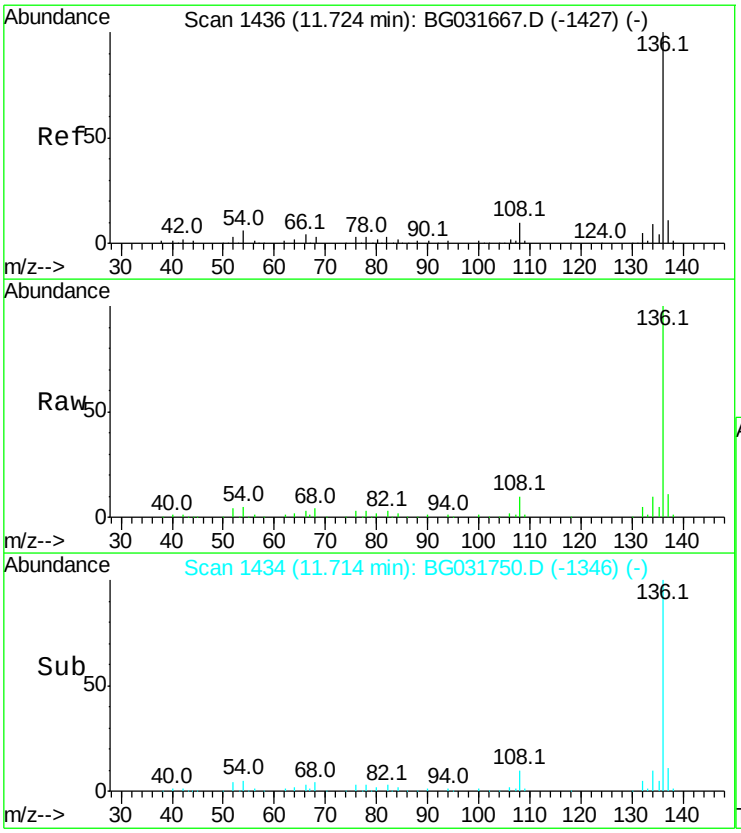
#19
n-Nitroso-di-n-propylamine
Concen: 13.473 ng
RT: 10.02 min Scan# 1146
Delta R.T. 0.37 min
Lab File: BG031750.D
Acq: 23 Dec 2017 15:48

Instrument :
BNA_G
ClientSampleId :
72-11938

Tgt Ion: 70 Resp: 29564

Ion	Ratio	Lower	Upper
70	100		
42	37.5	49.1	73.7#
101	0.0	8.5	12.7#
130	1.8	13.4	20.0#

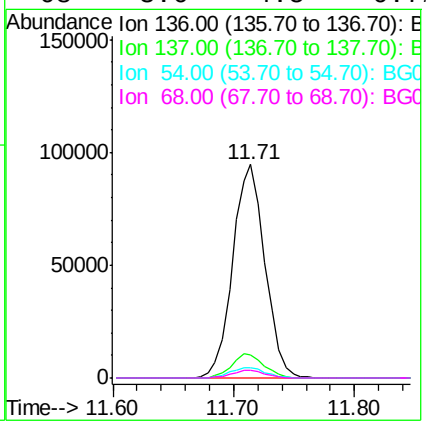


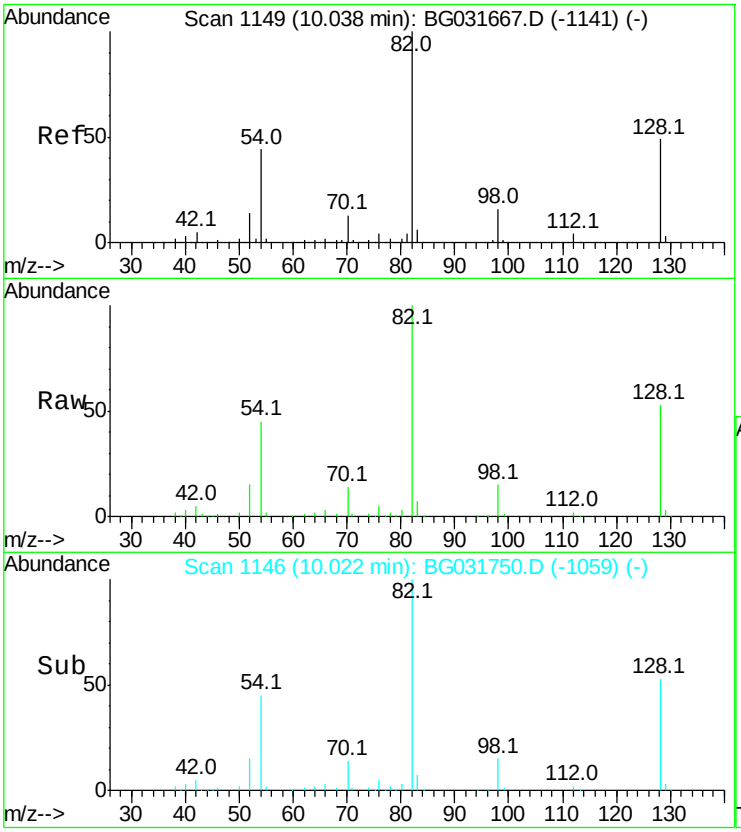


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.71 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BG031750.D
Acq: 23 Dec 2017 15:48

Tgt Ion:136 Resp: 175407

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	4.7	10.3	15.5#
68	3.6	4.5	6.7#



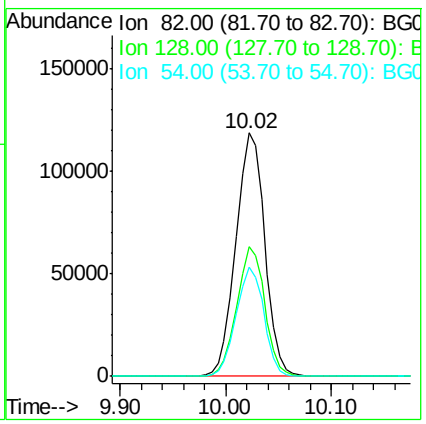


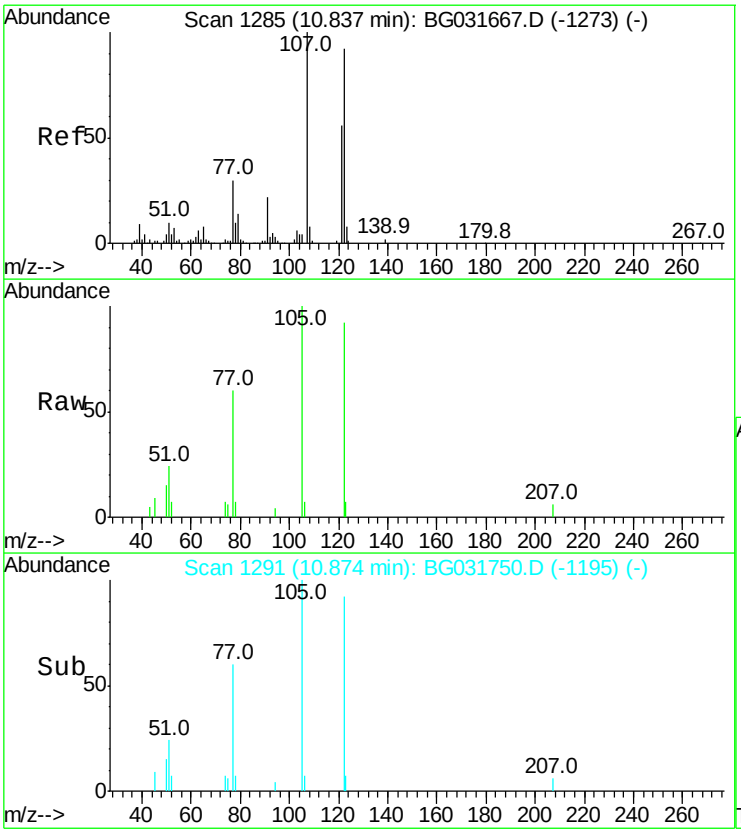
#23
Nitrobenzene-d5
Concen: 96.704 ng
RT: 10.02 min Scan# 1146
Delta R.T. -0.02 min
Lab File: BG031750.D
Acq: 23 Dec 2017 15:48

Instrument :
BNA_G
ClientSampleId :
72-11938

Tgt Ion: 82 Resp: 224634

Ion	Ratio	Lower	Upper
82	100		
128	53.1	29.7	44.5#
54	44.9	43.1	64.7

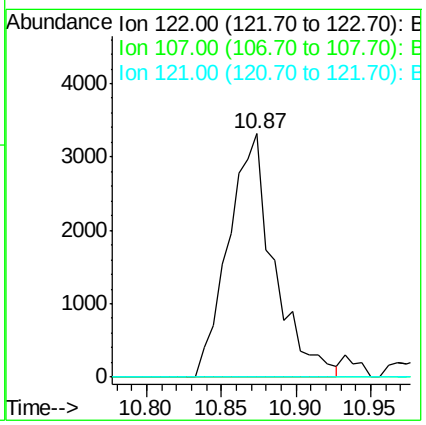


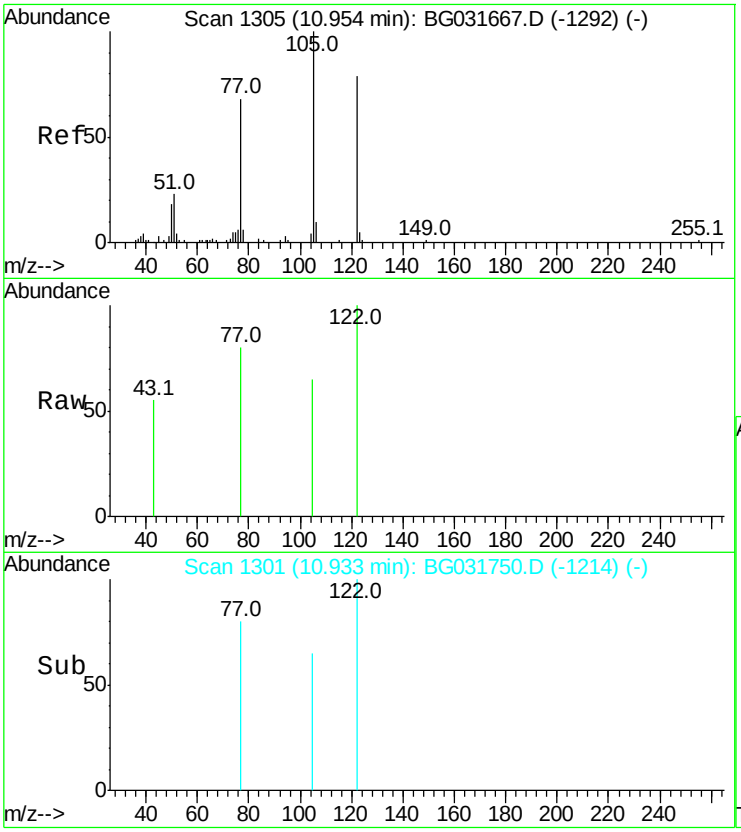


#27
2,4-Dimethylphenol
Concen: 2.663 ng
RT: 10.87 min Scan# 1291
Delta R.T. 0.04 min
Lab File: BG031750.D
Acq: 23 Dec 2017 15:48

Tgt Ion:122 Resp: 7035

Ion	Ratio	Lower	Upper
122	100		
107	0.0	100.2	150.2#
121	0.0	44.4	66.6#



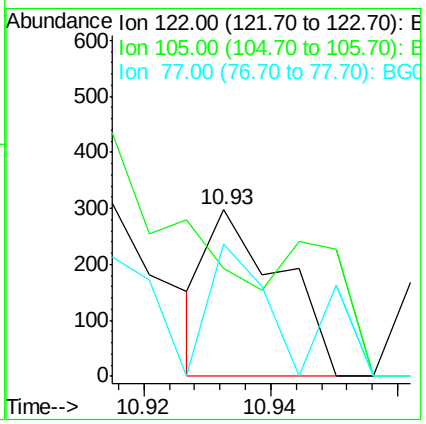


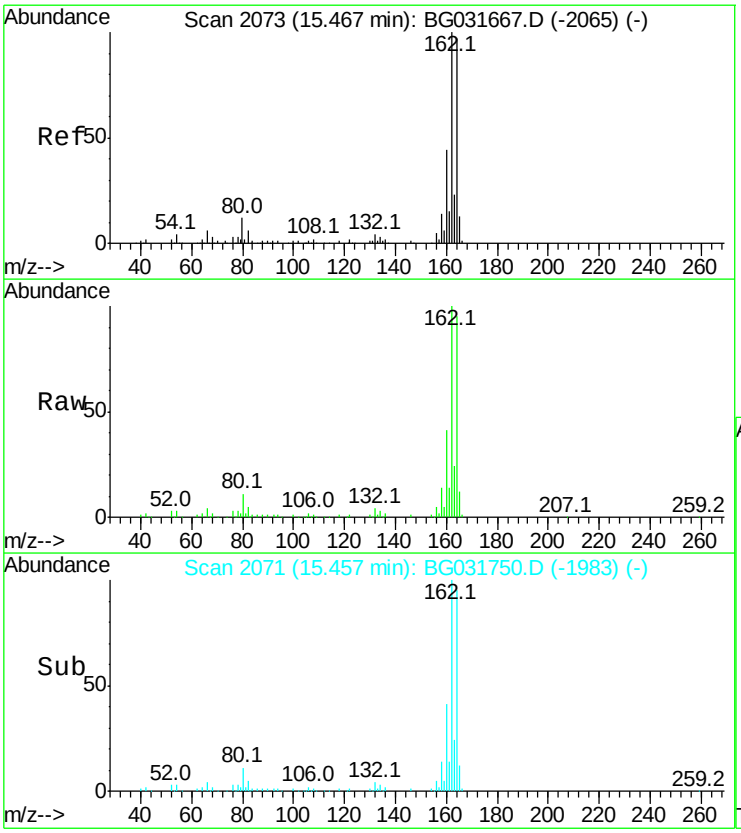
#32
Benzoic acid
Concen: 6.808 ng
RT: 10.93 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BG031750.D
Acq: 23 Dec 2017 15:48

Instrument :
BNA_G
ClientSampleId :
72-11938

Tgt Ion:122 Resp: 237

Ion	Ratio	Lower	Upper
122	100		
105	65.3	123.5	163.5#
77	79.8	85.7	125.7#

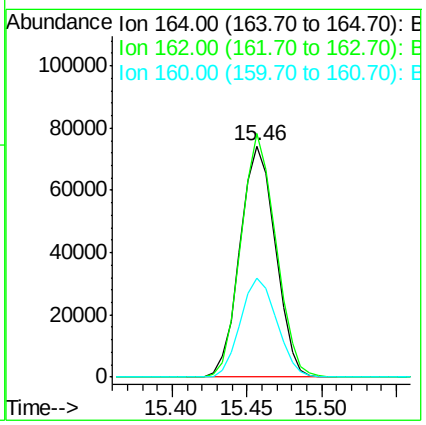


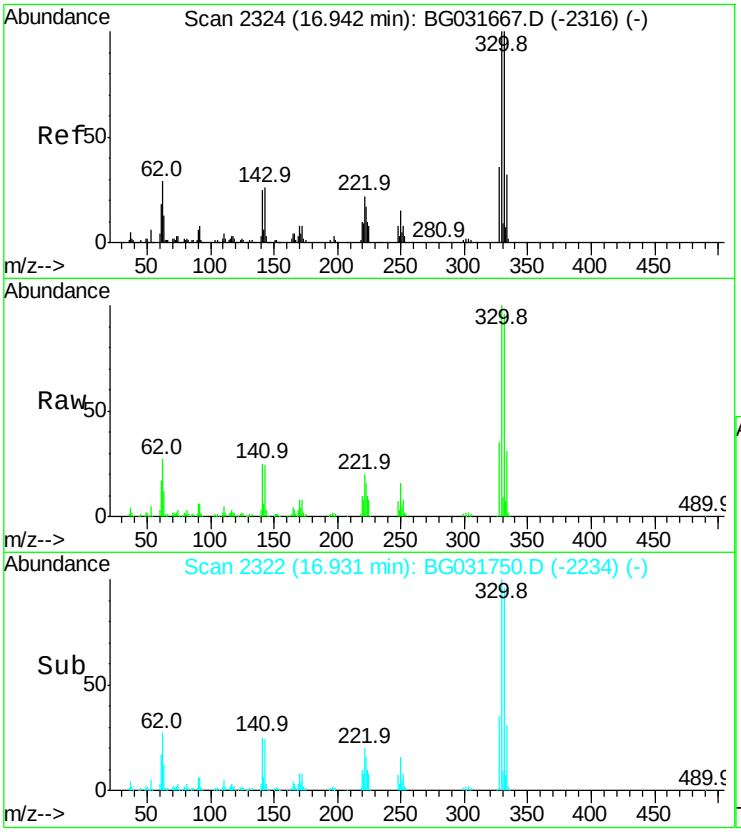


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.46 min Scan# 2071
Delta R.T. -0.01 min
Lab File: BG031750.D
Acq: 23 Dec 2017 15:48

Tgt Ion:164 Resp: 122141

Ion	Ratio	Lower	Upper
164	100		
162	105.3	78.8	118.2
160	42.8	35.4	53.0



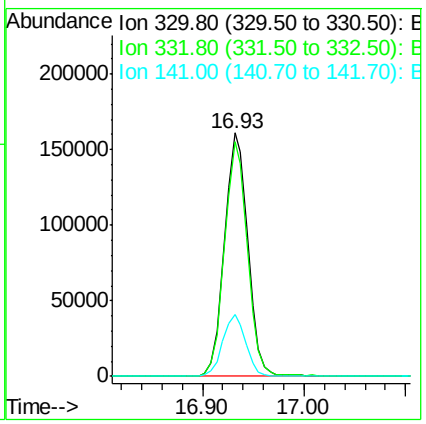


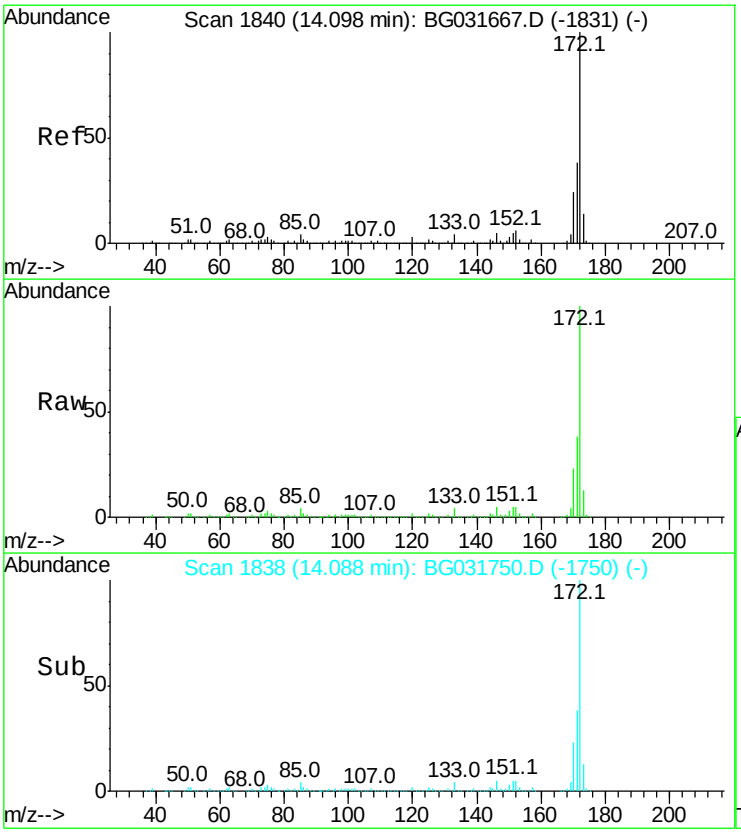
#41
2,4,6-Tribromophenol
Concen: 138.115 ng
RT: 16.93 min Scan# 2322
Delta R.T. -0.01 min
Lab File: BG031750.D
Acq: 23 Dec 2017 15:48

Instrument :
BNA_G
ClientSampleId :
72-11938

Tgt Ion:330 Resp: 257406

Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	25.1	25.2	37.8#

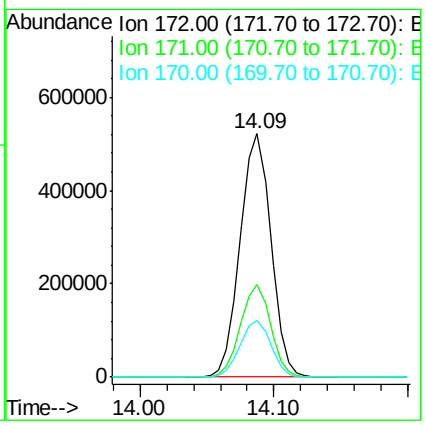


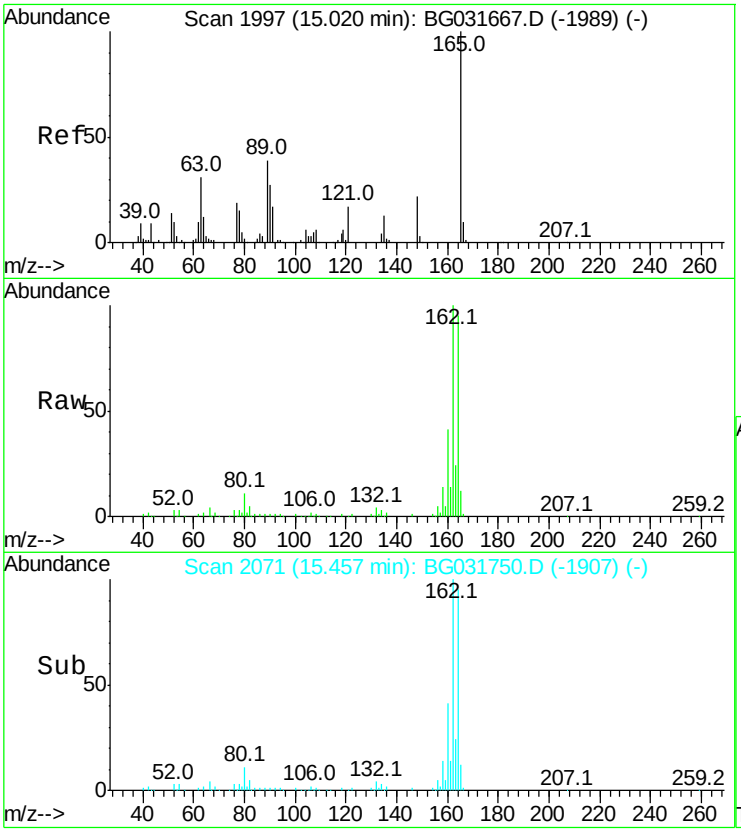


#44
2-Fluorobiphenyl
Concen: 85.323 ng
RT: 14.09 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BG031750.D
Acq: 23 Dec 2017 15:48

Tgt Ion:172 Resp: 830309

Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.0	45.0
170	23.4	19.5	29.3



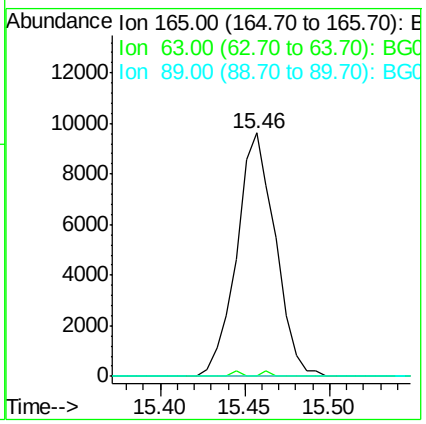


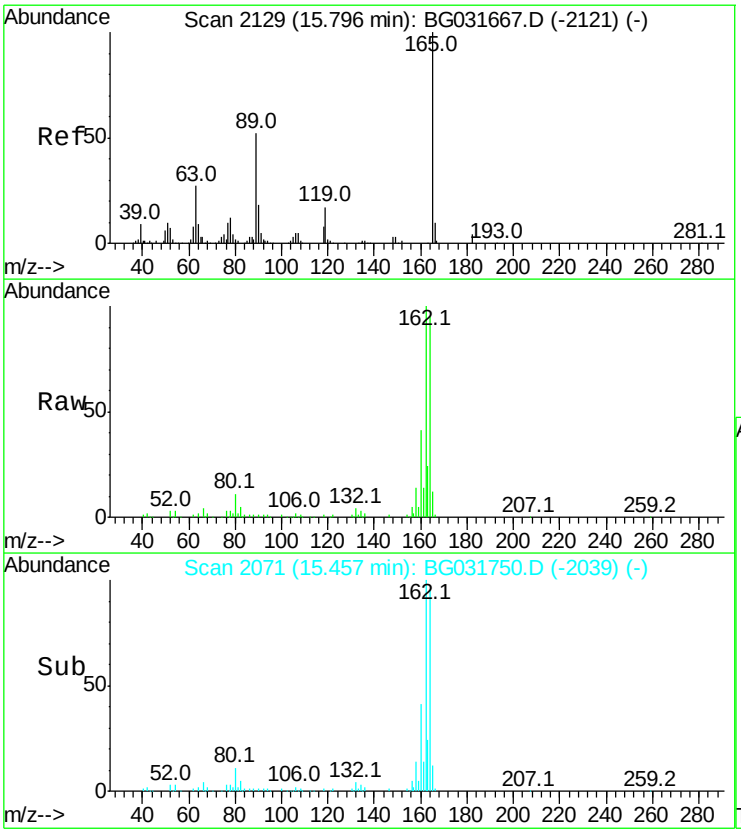
#50
2,6-Dinitrotoluene
Concen: 7.702 ng
RT: 15.46 min Scan# 2071
Delta R.T. 0.44 min
Lab File: BG031750.D
Acq: 23 Dec 2017 15:48

Instrument :
BNA_G
ClientSampleId :
72-11938

Tgt Ion:165 Resp: 15246

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

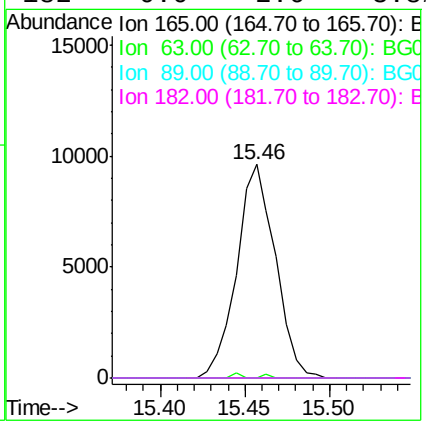


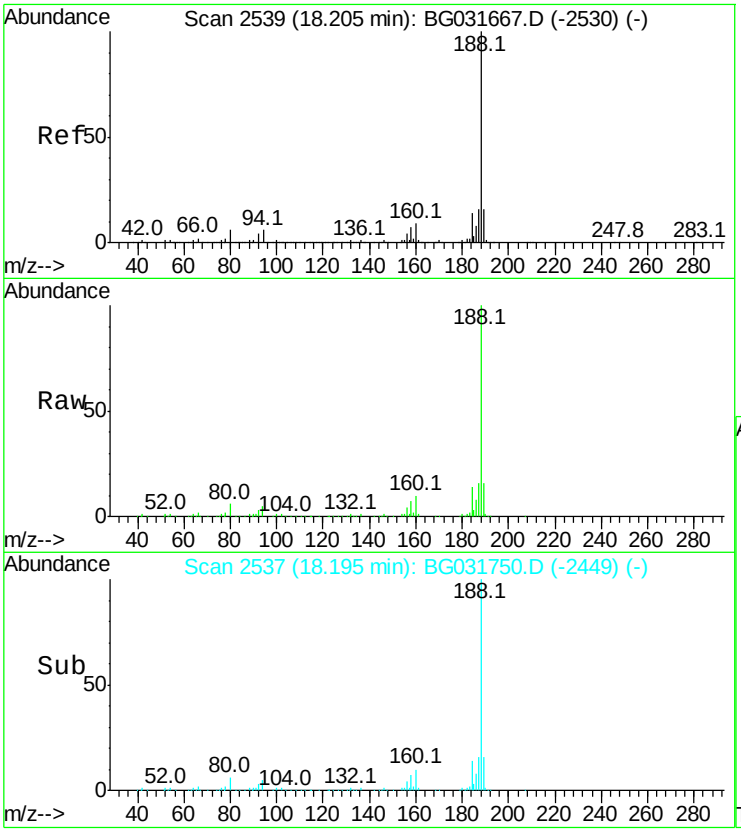


#56
2,4-Dinitrotoluene
Concen: 5.990 ng
RT: 15.46 min Scan# 2071
Delta R.T. -0.34 min
Lab File: BG031750.D
Acq: 23 Dec 2017 15:48

Tgt Ion:165 Resp: 15246

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



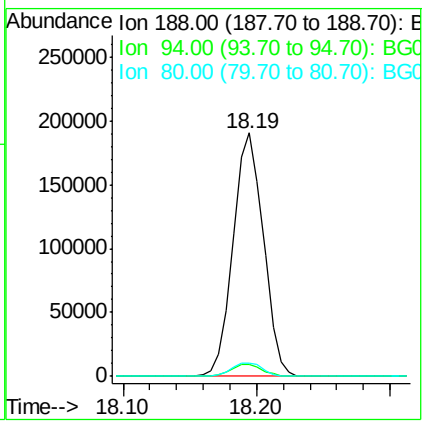


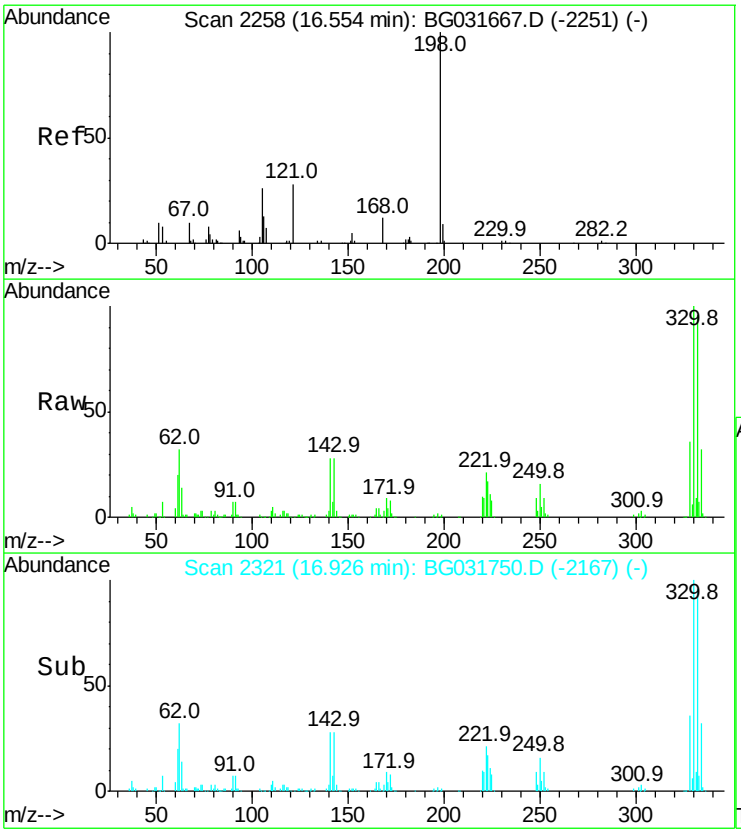
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.19 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BG031750.D
Acq: 23 Dec 2017 15:48

Instrument :
BNA_G
ClientSampleId :
72-11938

Tgt Ion:188 Resp: 299947

Ion	Ratio	Lower	Upper
188	100		
94	4.9	6.9	10.3#
80	5.6	7.7	11.5#

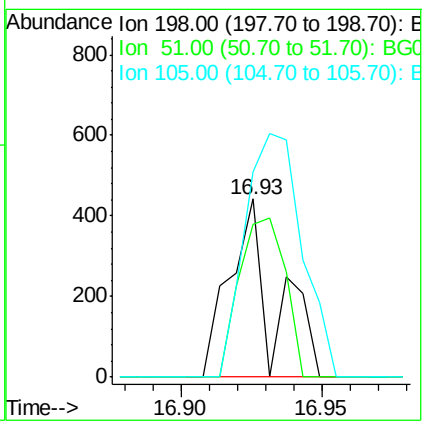


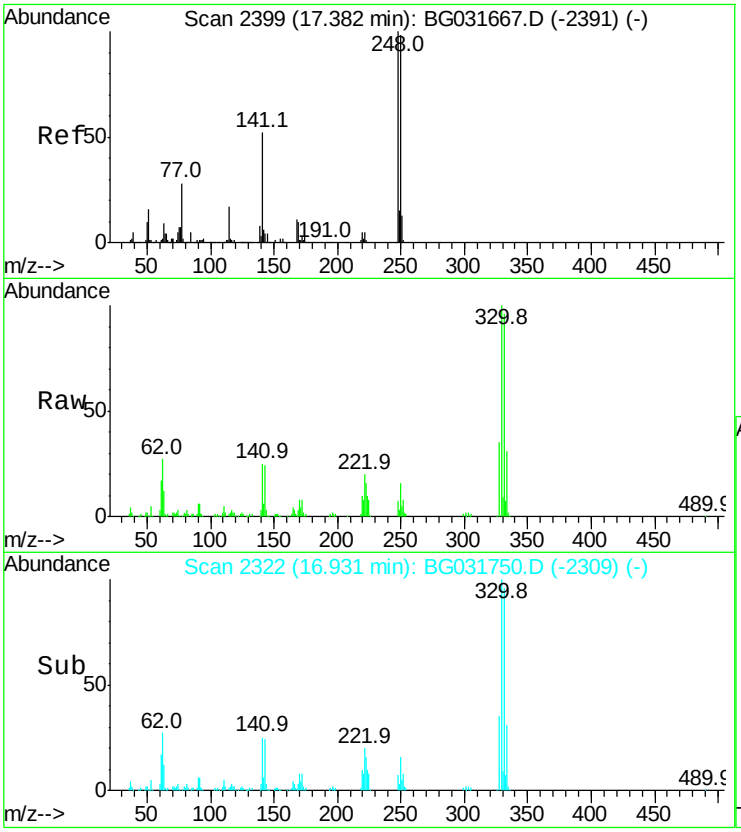


#64
4,6-Dinitro-2-methylphenol
Concen: 8.583 ng
RT: 16.93 min Scan# 2321
Delta R.T. 0.37 min
Lab File: BG031750.D
Acq: 23 Dec 2017 15:48

Tgt Ion:198 Resp: 489

Ion	Ratio	Lower	Upper
198	100		
51	86.0	30.6	70.6#
105	114.9	23.8	63.8#



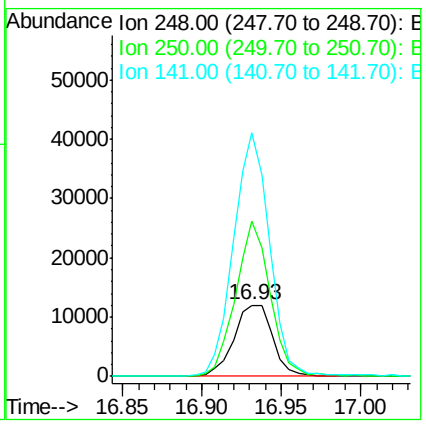


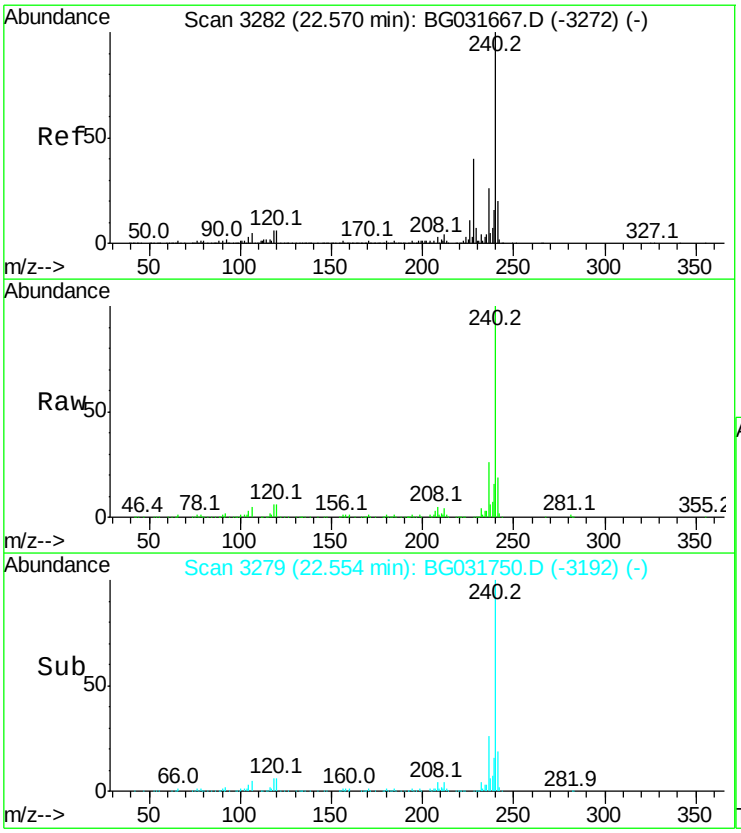
#66
4-Bromophenyl-phenylether
Concen: 4.664 ng
RT: 16.93 min Scan# 2322
Delta R.T. -0.45 min
Lab File: BG031750.D
Acq: 23 Dec 2017 15:48

Instrument :
BNA_G
ClientSampleId :
72-11938

Tgt Ion:248 Resp: 20230

Ion	Ratio	Lower	Upper
248	100		
250	218.3	77.1	115.7#
141	340.9	50.8	76.2#

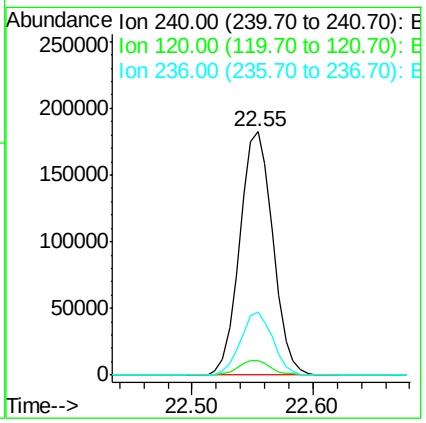


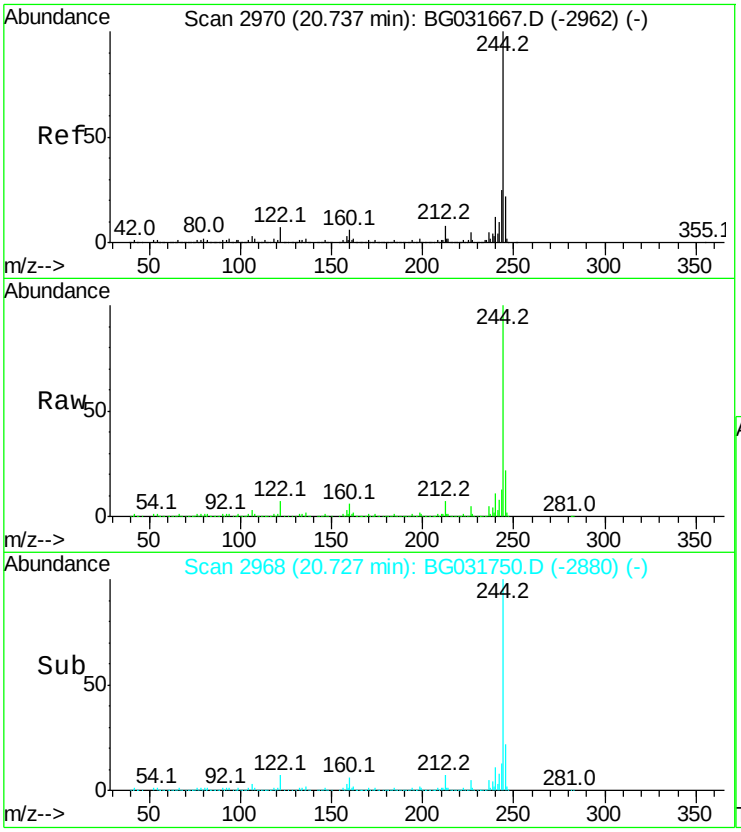


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3279
Delta R.T. -0.02 min
Lab File: BG031750.D
Acq: 23 Dec 2017 15:48

Tgt Ion:240 Resp: 349484

Ion	Ratio	Lower	Upper
240	100		
120	5.8	6.8	10.2#
236	26.1	20.9	31.3



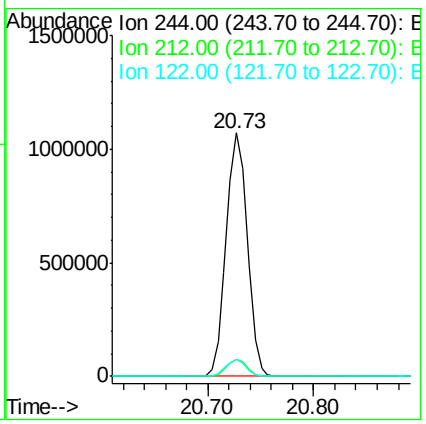


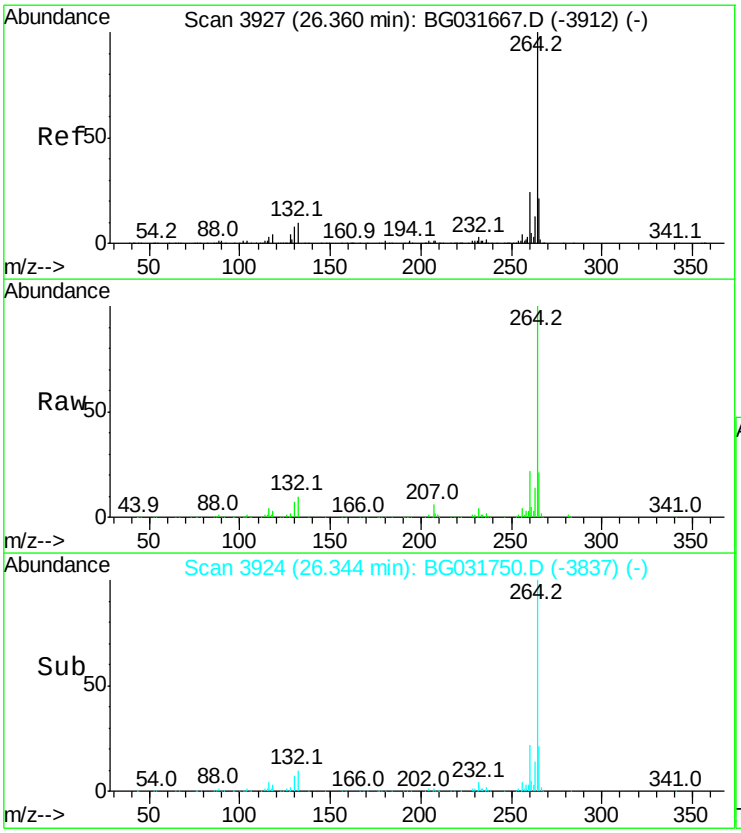
#78
Terphenyl-d14
Concen: 96.676 ng
RT: 20.73 min Scan# 2968
Delta R.T. -0.01 min
Lab File: BG031750.D
Acq: 23 Dec 2017 15:48

Instrument :
BNA_G
ClientSampleId :
72-11938

Tgt Ion:244 Resp: 1478854

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	6.8	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.34 min Scan# 3924
Delta R.T. -0.02 min
Lab File: BG031750.D
Acq: 23 Dec 2017 15:48

Tgt Ion:264 Resp: 369180

Ion	Ratio	Lower	Upper
264	100		
260	22.2	17.4	26.0
265	21.5	17.7	26.5