Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122217\
Data File : BG031743.D
Acq On : 23 Dec 2017 11:25
Operator : SJ/JU
Sample : I7040-09
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LIP-12

Quant Time: Dec 25 04:45:19 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	47548	20.00	ng	-0.02
21) Naphthalene-d8	11.71	136	197327	20.00	ng	-0.01
38) Acenaphthene-d10	15.46	164	135626	20.00	ng	-0.01
63) Phenanthrene-d10	18.19	188	332386	20.00	ng	-0.01
75) Chrysene-d12	22.55	240	375800	20.00	ng	-0.02
86) Perylene-d12	26.34	264	405999	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.24	112	149235	57.17	ng	0.00
7) Phenol-d6	7.92	99	114993	33.93	ng	-0.01
23) Nitrobenzene-d5	10.03	82	245973	94.13	ng	-0.01
41) 2,4,6-Tribromophenol	16.93	330	305715	147.73	ng	-0.01
44) 2-Fluorobiphenyl	14.09	172	932304	86.28	ng	-0.01
78) Terphenyl-d14	20.73	244	1563576	95.06	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	8.34	77	6578	3.223	ng	# 88
19) n-Nitroso-di-n-propylamine	10.03	70	33170	14.330	ng	# 69
32) Benzoic acid	11.06	122	56	6.718	ng	# 1
35) Caprolactam	12.57	113	6245	5.906	ng	# 55
50) 2,6-Dinitrotoluene	15.46	165	17551	7.985	ng	# 21
56) 2,4-Dinitrotoluene	15.46	165	17551	6.210	ng	# 19
64) 4,6-Dinitro-2-methylphenol	16.93	198	345	8.482	ng	# 1
66) 4-Bromophenyl-phenylether	16.93	248	23779	4.947	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 : BG031743.D
Acq On : 23 Dec 2017 11:25
Operator : SJ/JU
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Misc :
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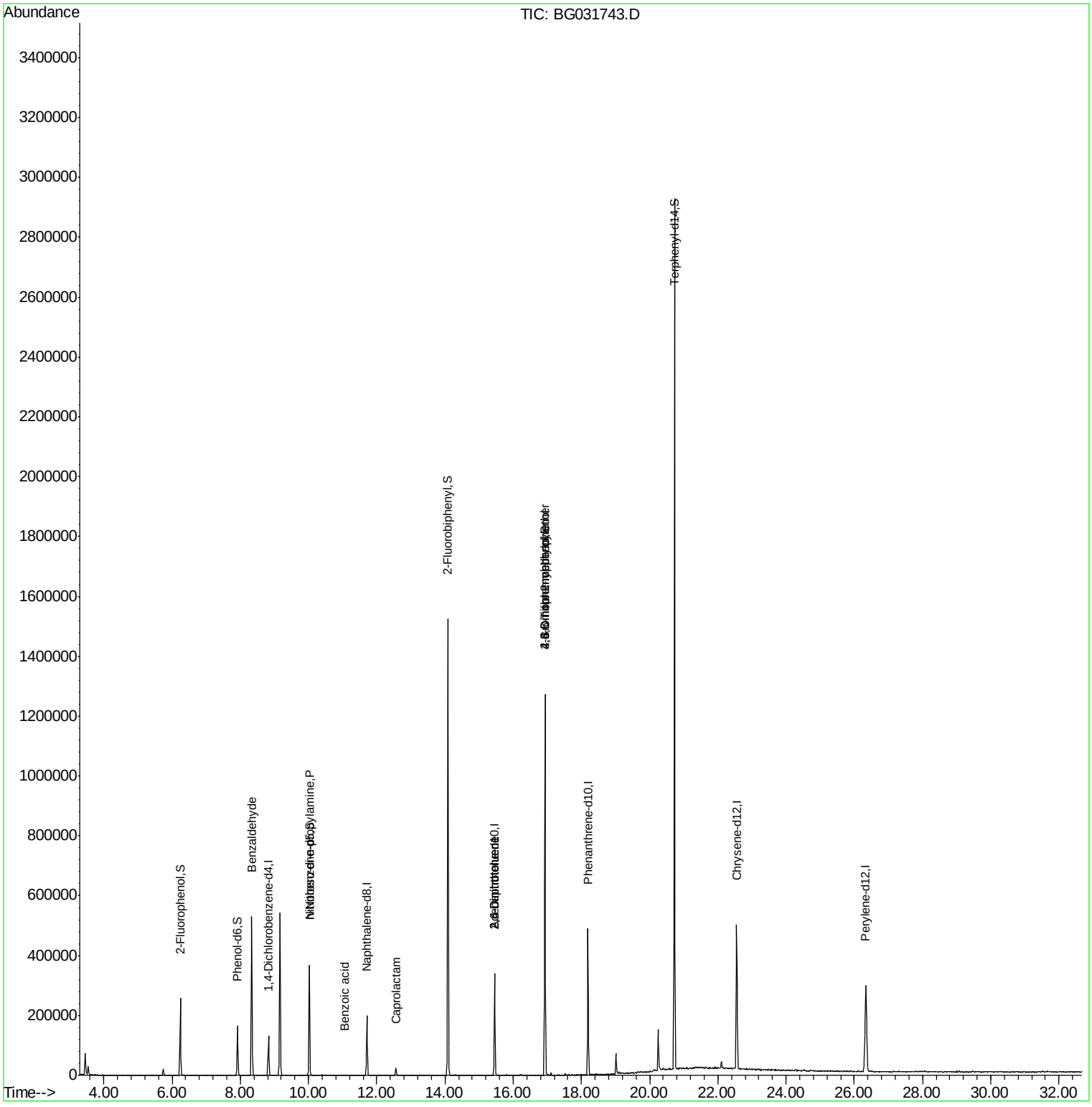
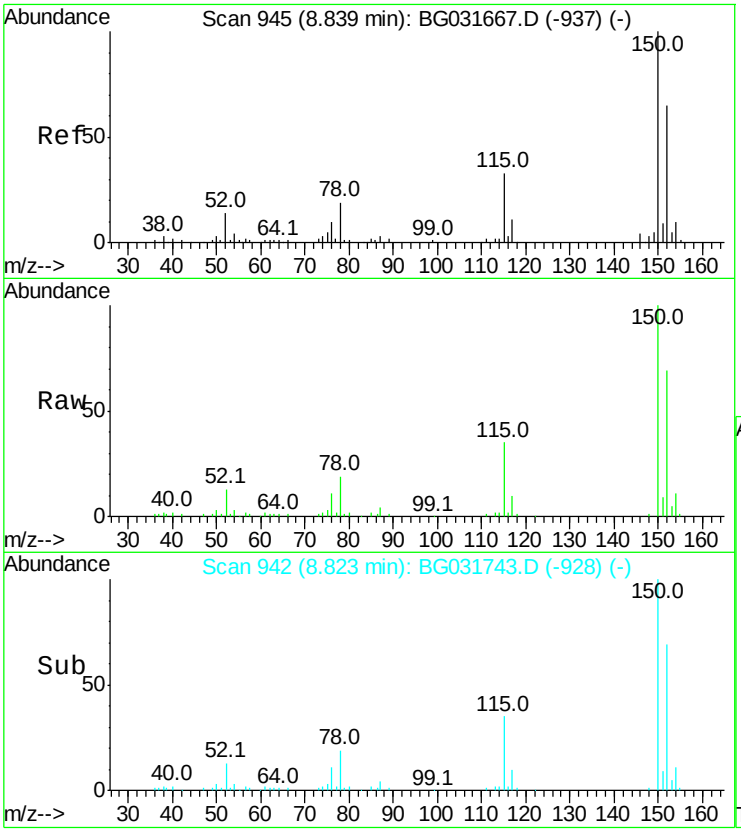


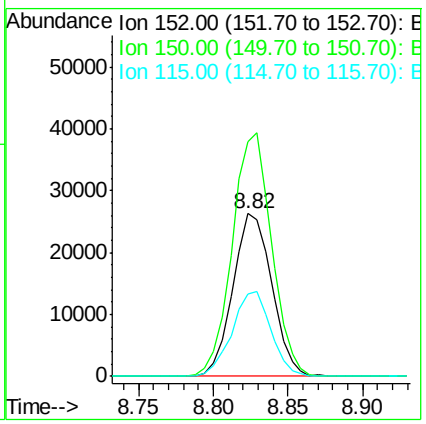


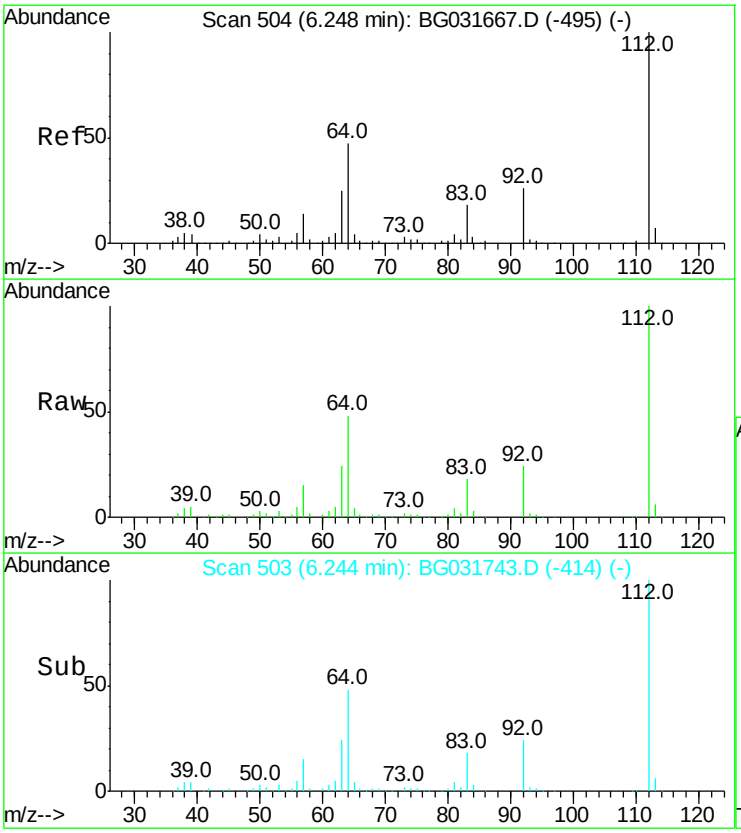
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.82 min Scan# 942
Delta R.T. -0.02 min
Lab File: BG031743.D
Acq: 23 Dec 2017 11:25

Instrument :
BNA_G
ClientSampleId :
LIP-12

Tgt Ion:152 Resp: 47548

Ion	Ratio	Lower	Upper
152	100		
150	144.0	126.6	189.8
115	50.8	53.0	79.4#

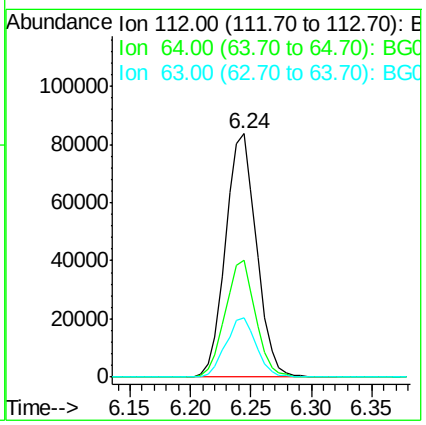


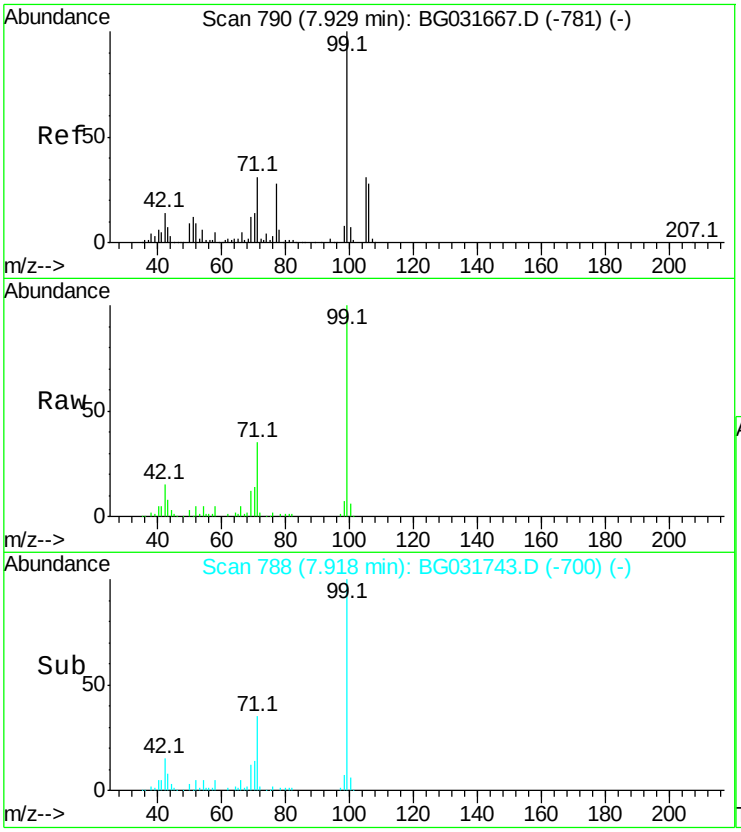


#5
2-Fluorophenol
Concen: 57.166 ng
RT: 6.24 min Scan# 503
Delta R.T. -0.00 min
Lab File: BG031743.D
Acq: 23 Dec 2017 11:25

Tgt Ion:112 Resp: 149235

Ion	Ratio	Lower	Upper
112	100		
64	47.9	56.3	84.5#
63	24.4	30.1	45.1#



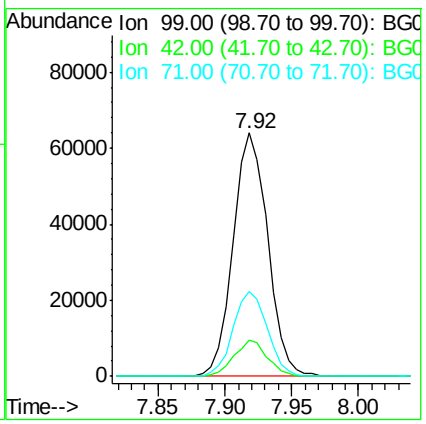


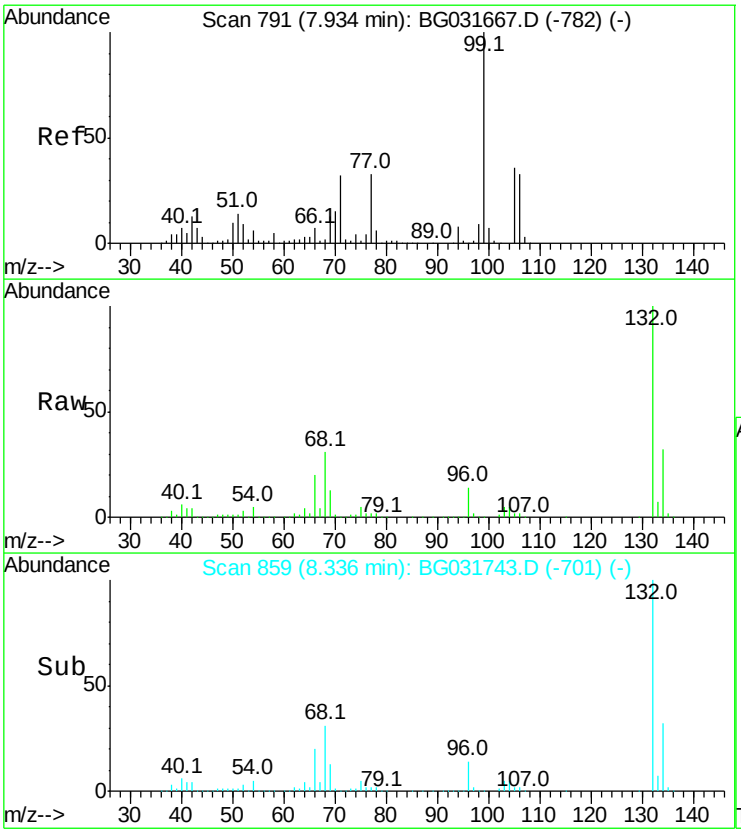
#7
Phenol-d6
Concen: 33.928 ng
RT: 7.92 min Scan# 788
Delta R.T. -0.01 min
Lab File: BG031743.D
Acq: 23 Dec 2017 11:25

Instrument :
BNA_G
ClientSampleId :
LIP-12

Tgt Ion: 99 Resp: 114993

Ion	Ratio	Lower	Upper
99	100		
42	14.8	14.1	21.1
71	34.8	26.1	39.1

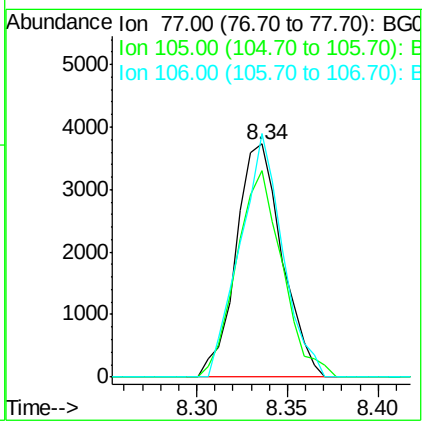


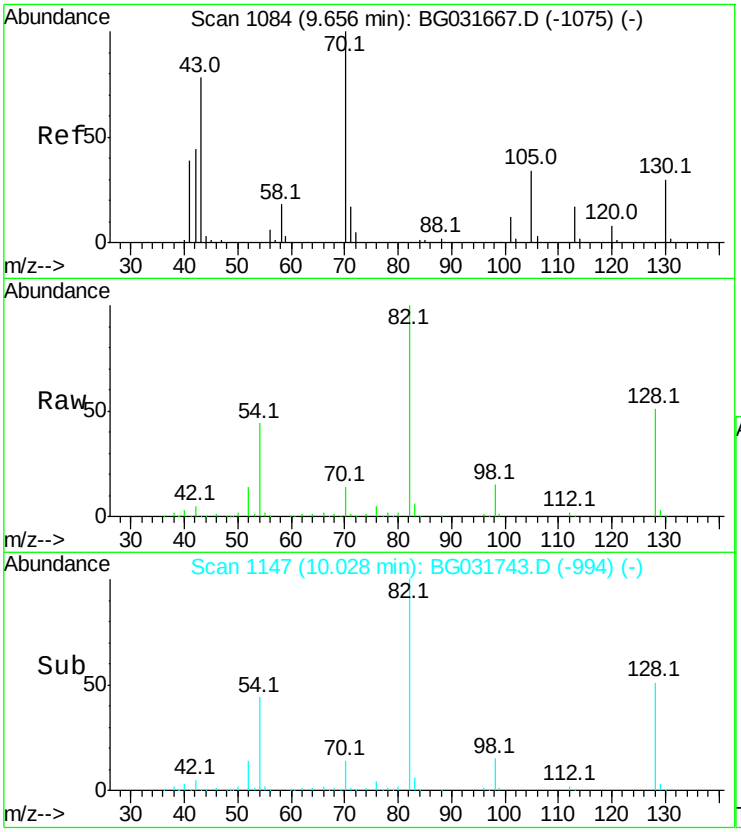


#9
Benzaldehyde
Concen: 3.223 ng
RT: 8.34 min Scan# 859
Delta R.T. 0.40 min
Lab File: BG031743.D
Acq: 23 Dec 2017 11:25

Tgt Ion: 77 Resp: 6578

Ion	Ratio	Lower	Upper
77	100		
105	88.4	71.3	111.3
106	104.4	64.2	104.2#



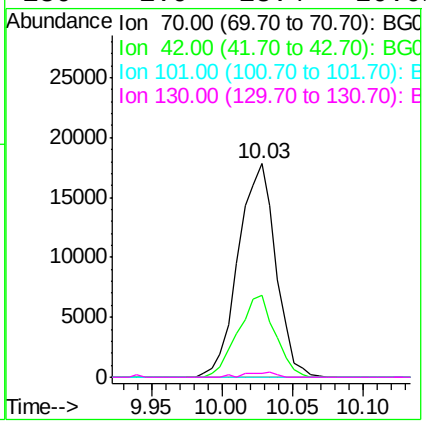


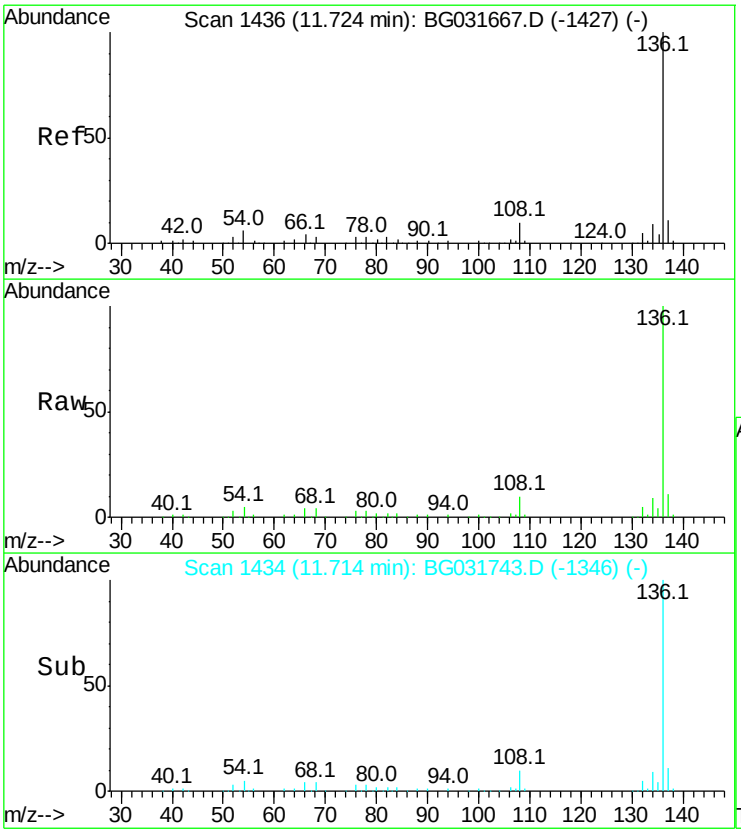
#19
n-Nitroso-di-n-propylamine
Concen: 14.330 ng
RT: 10.03 min Scan# 1147
Delta R.T. 0.37 min
Lab File: BG031743.D
Acq: 23 Dec 2017 11:25

Instrument :
BNA_G
ClientSampleId :
LIP-12

Tgt Ion: 70 Resp: 33170

Ion	Ratio	Lower	Upper
70	100		
42	38.4	49.1	73.7#
101	0.0	8.5	12.7#
130	1.9	13.4	20.0#

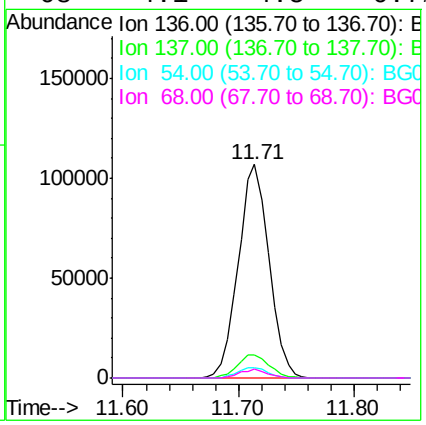


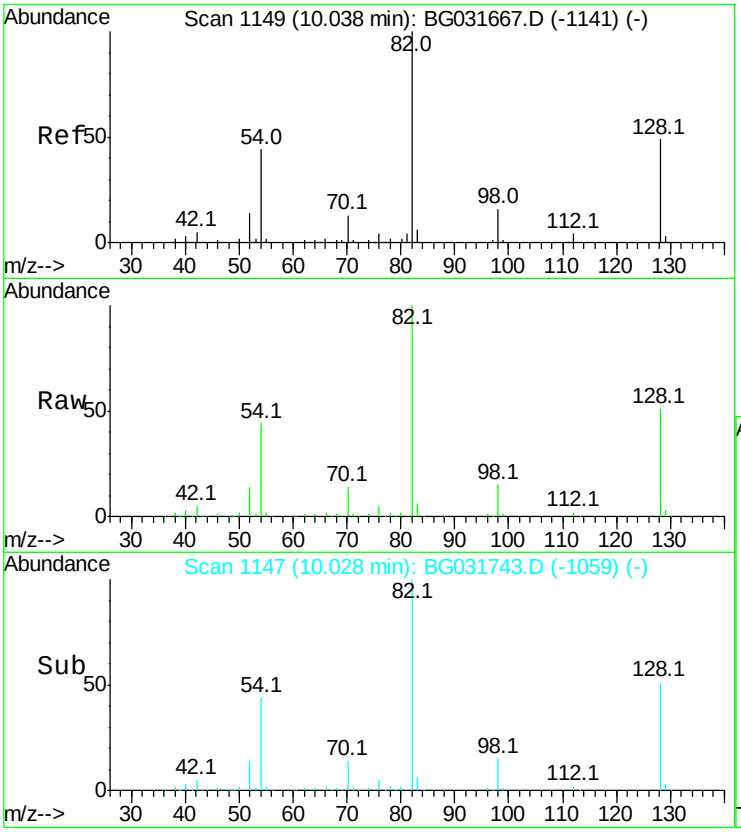


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.71 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BG031743.D
Acq: 23 Dec 2017 11:25

Tgt Ion:136 Resp: 197327

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	5.0	10.3	15.5#
68	4.1	4.5	6.7#



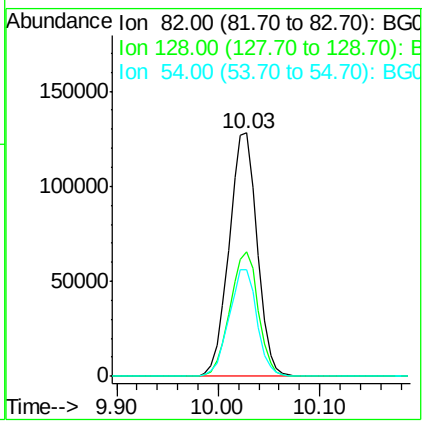


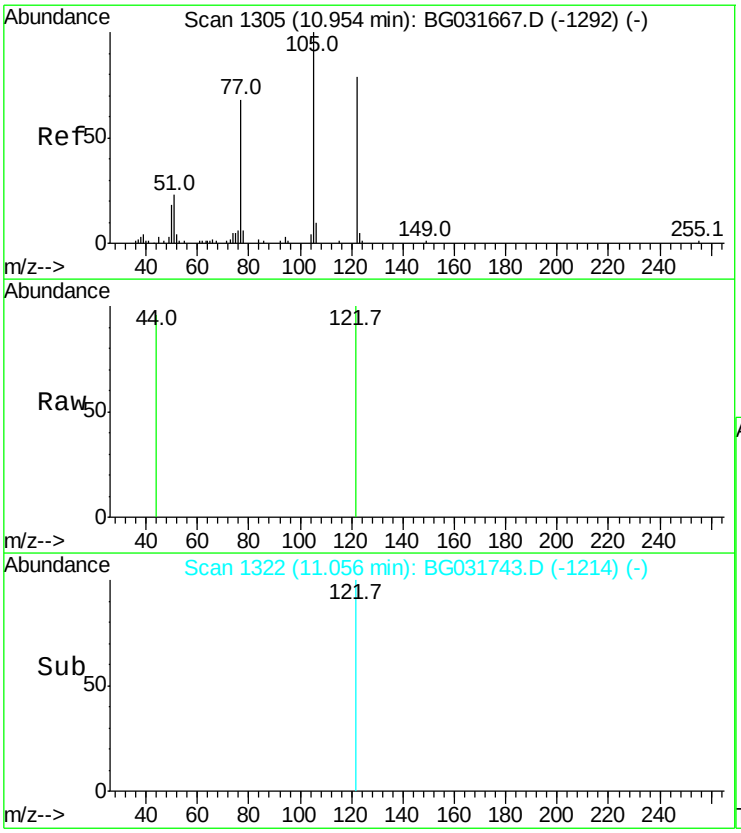
#23
Nitrobenzene-d5
Concen: 94.128 ng
RT: 10.03 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BG031743.D
Acq: 23 Dec 2017 11:25

Instrument :
BNA_G
ClientSampleId :
LIP-12

Tgt Ion: 82 Resp: 245973

Ion	Ratio	Lower	Upper
82	100		
128	51.4	29.7	44.5#
54	43.9	43.1	64.7

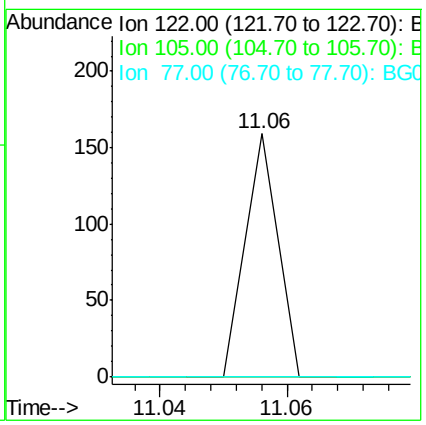


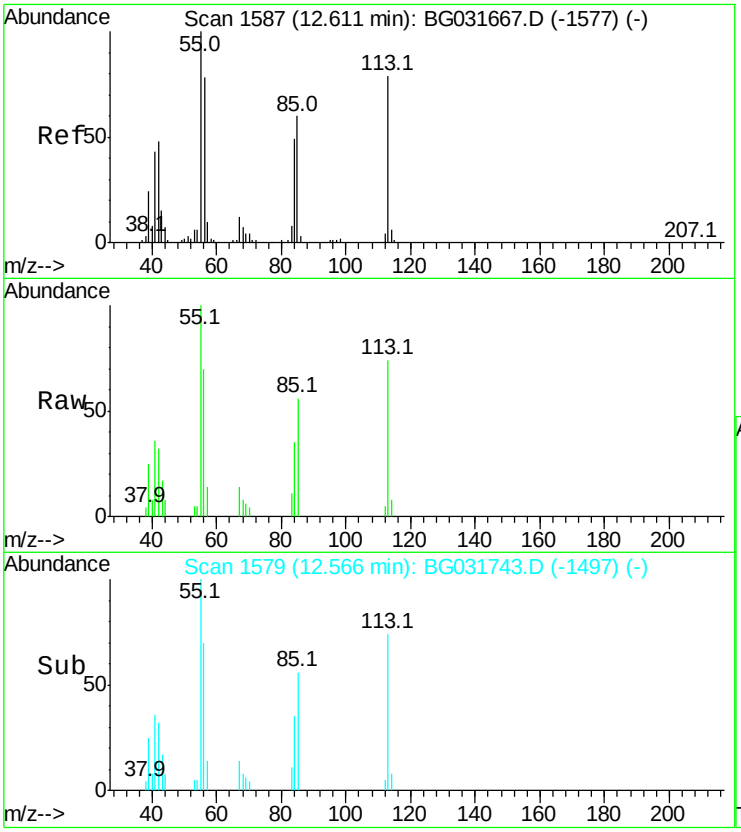


#32
Benzoic acid
Concen: 6.718 ng
RT: 11.06 min Scan# 1322
Delta R.T. 0.10 min
Lab File: BG031743.D
Acq: 23 Dec 2017 11:25

Tgt Ion:122 Resp: 56

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



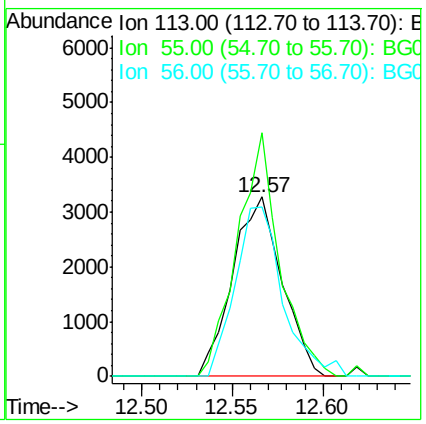


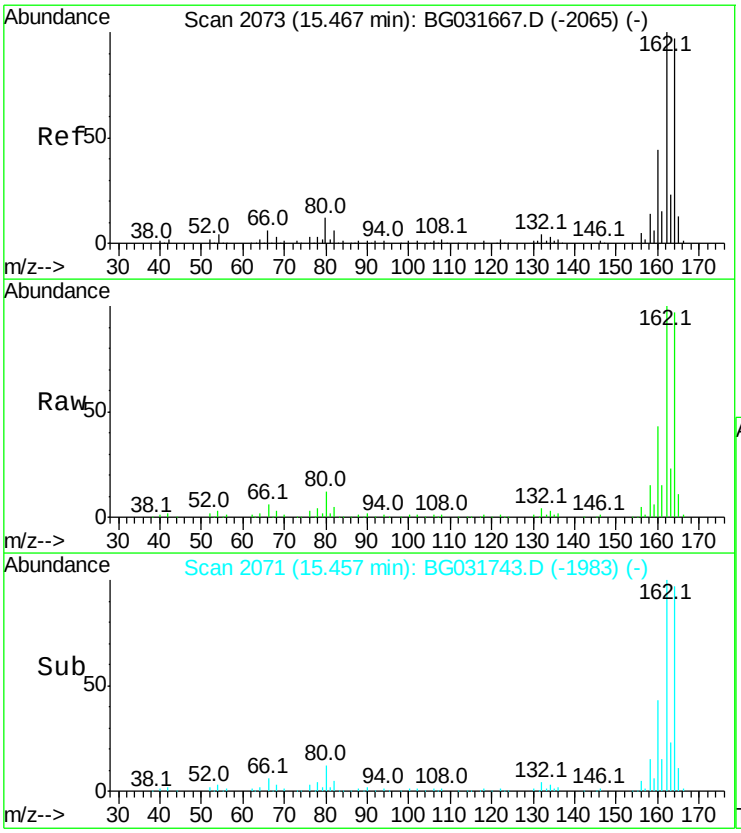
#35
Caprolactam
Concen: 5.906 ng
RT: 12.57 min Scan# 1579
Delta R.T. -0.05 min
Lab File: BG031743.D
Acq: 23 Dec 2017 11:25

Instrument :
BNA_G
ClientSampleId :
LIP-12

Tgt Ion:113 Resp: 6245

Ion	Ratio	Lower	Upper
113	100		
55	135.6	186.9	226.9#
56	94.3	130.9	170.9#

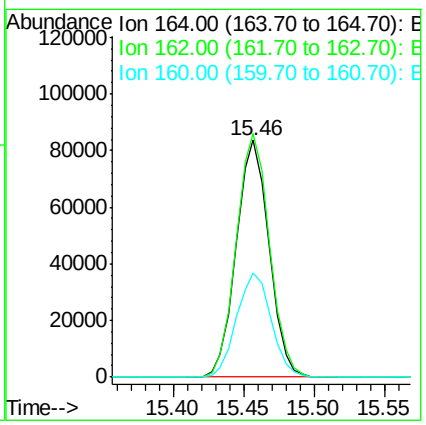


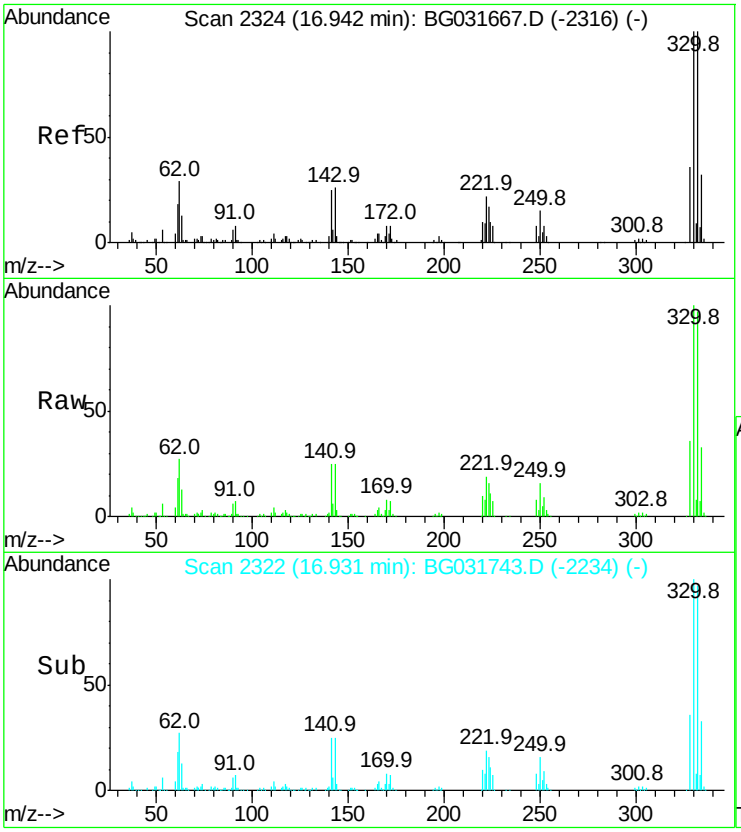


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.46 min Scan# 2071
Delta R.T. -0.01 min
Lab File: BG031743.D
Acq: 23 Dec 2017 11:25

Tgt Ion:164 Resp: 135626

Ion	Ratio	Lower	Upper
164	100		
162	102.7	78.8	118.2
160	44.1	35.4	53.0



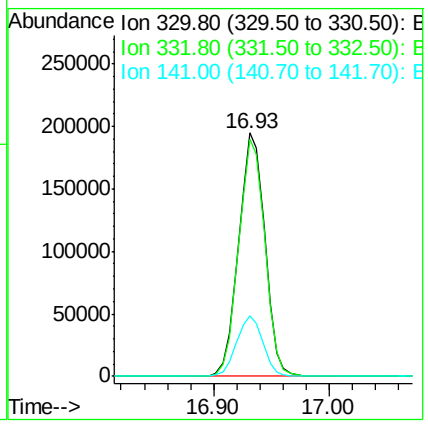


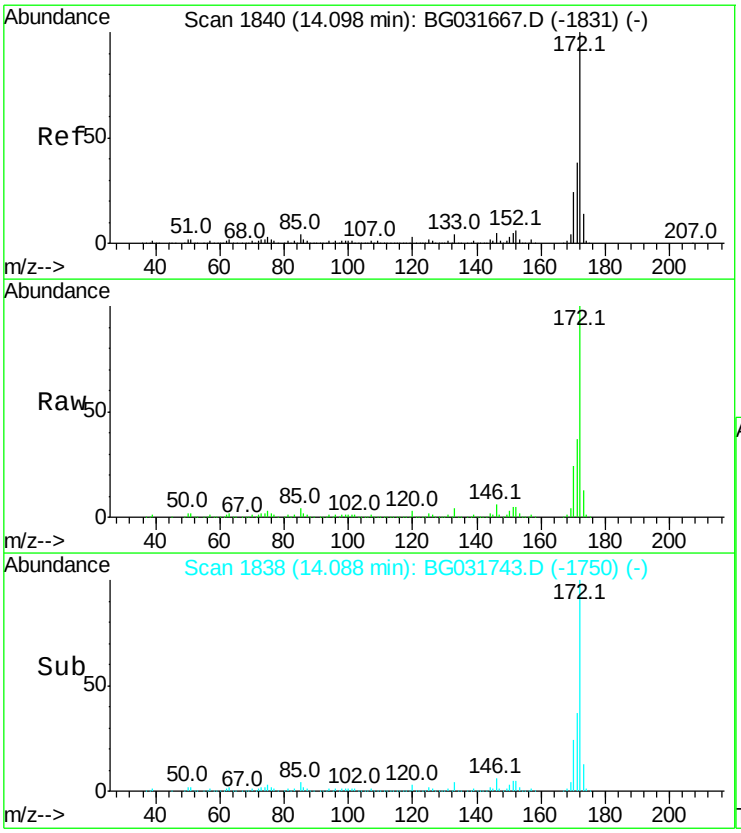
#41
2,4,6-Tribromophenol
Concen: 147.727 ng
RT: 16.93 min Scan# 2322
Delta R.T. -0.01 min
Lab File: BG031743.D
Acq: 23 Dec 2017 11:25

Instrument :
BNA_G
ClientSampleId :
LIP-12

Tgt Ion:330 Resp: 305715

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	24.9	25.2	37.8#

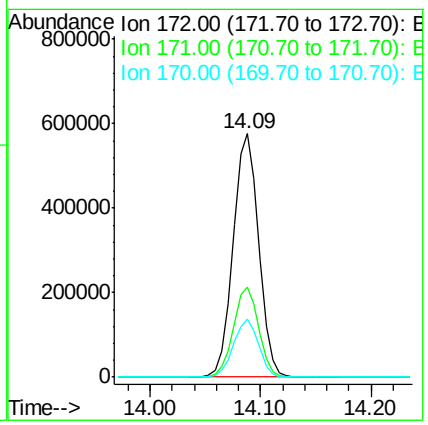


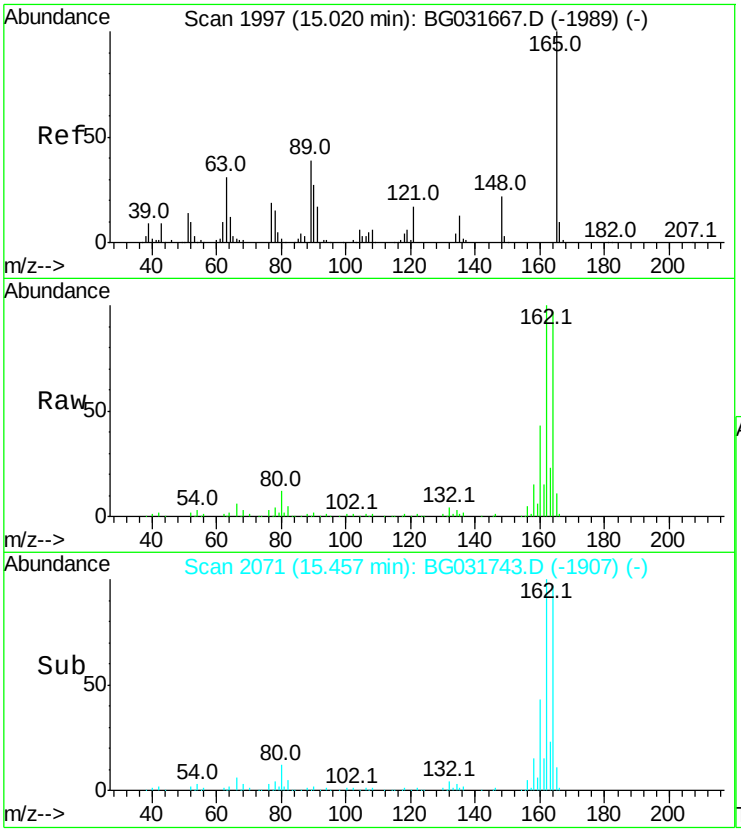


#44
2-Fluorobiphenyl
Concen: 86.279 ng
RT: 14.09 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BG031743.D
Acq: 23 Dec 2017 11:25

Tgt Ion:172 Resp: 932304

Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.0	45.0
170	23.9	19.5	29.3



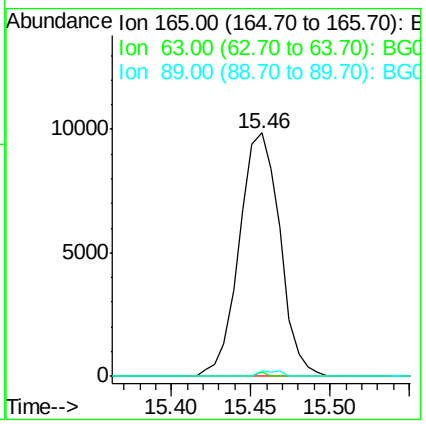


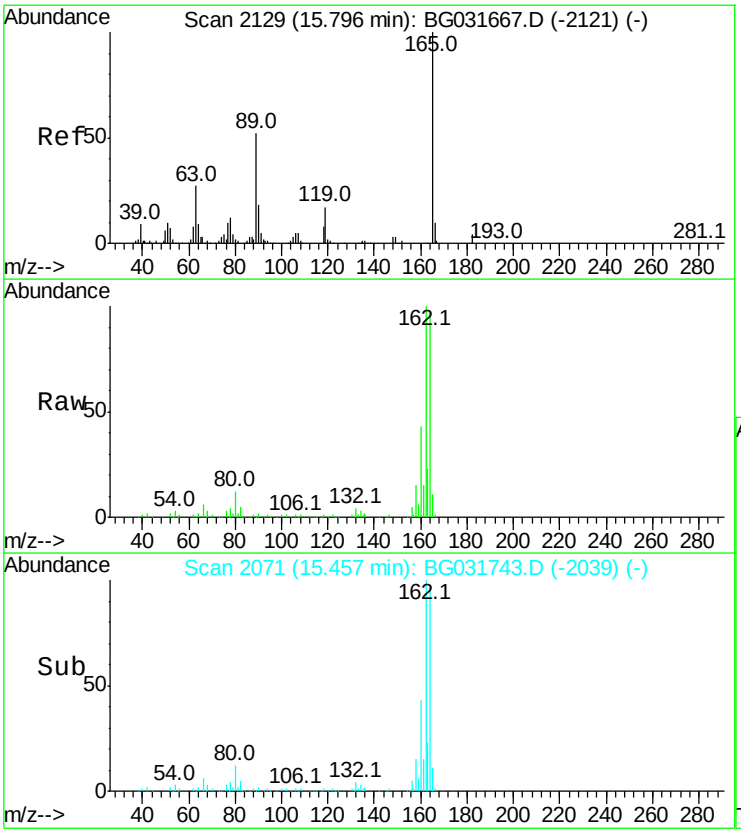
#50
2,6-Dinitrotoluene
Concen: 7.985 ng
RT: 15.46 min Scan# 2071
Delta R.T. 0.44 min
Lab File: BG031743.D
Acq: 23 Dec 2017 11:25

Instrument :
BNA_G
ClientSampleId :
LIP-12

Tgt Ion:165 Resp: 17551

Ion	Ratio	Lower	Upper
165	100		
63	1.8	52.7	79.1#
89	2.2	49.2	73.8#

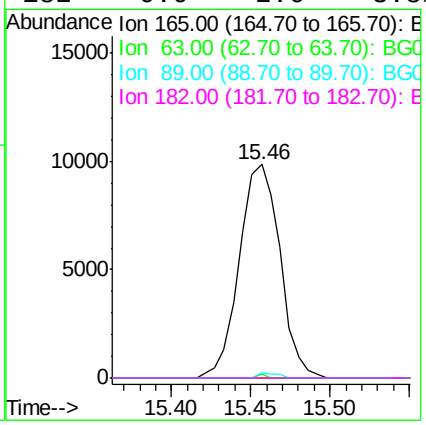


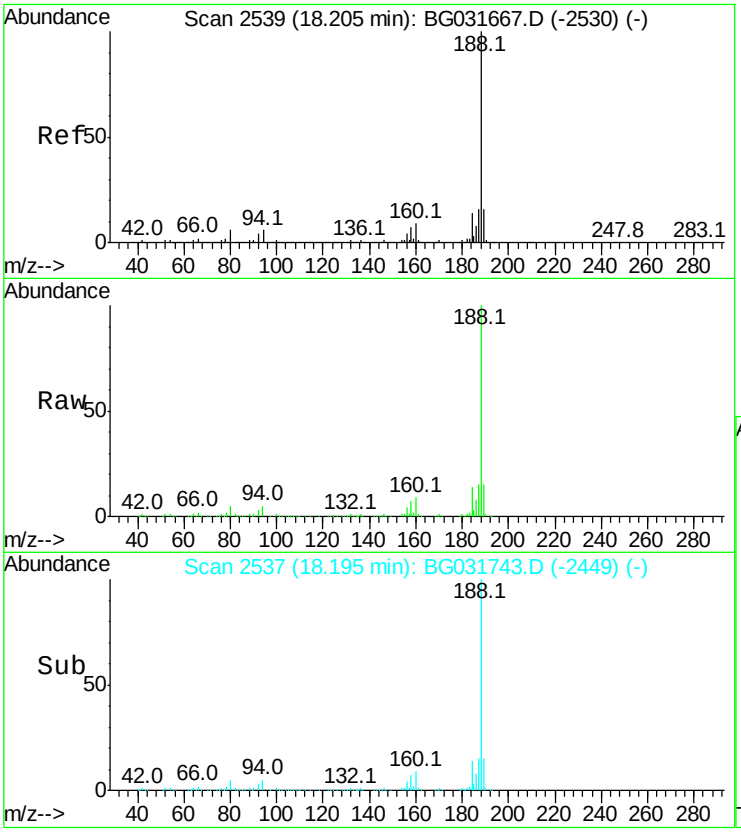


#56
2,4-Dinitrotoluene
Concen: 6.210 ng
RT: 15.46 min Scan# 2071
Delta R.T. -0.34 min
Lab File: BG031743.D
Acq: 23 Dec 2017 11:25

Tgt Ion:165 Resp: 17551

Ion	Ratio	Lower	Upper
165	100		
63	1.8	42.0	63.0#
89	2.2	66.9	100.3#
182	0.0	2.6	3.8#



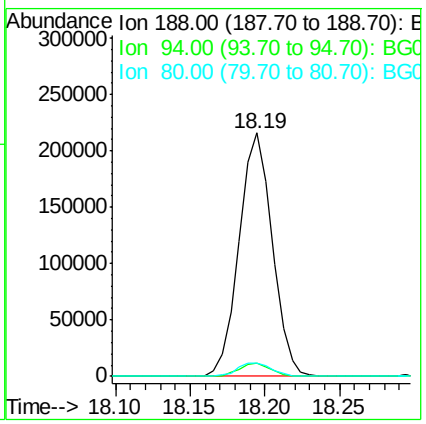


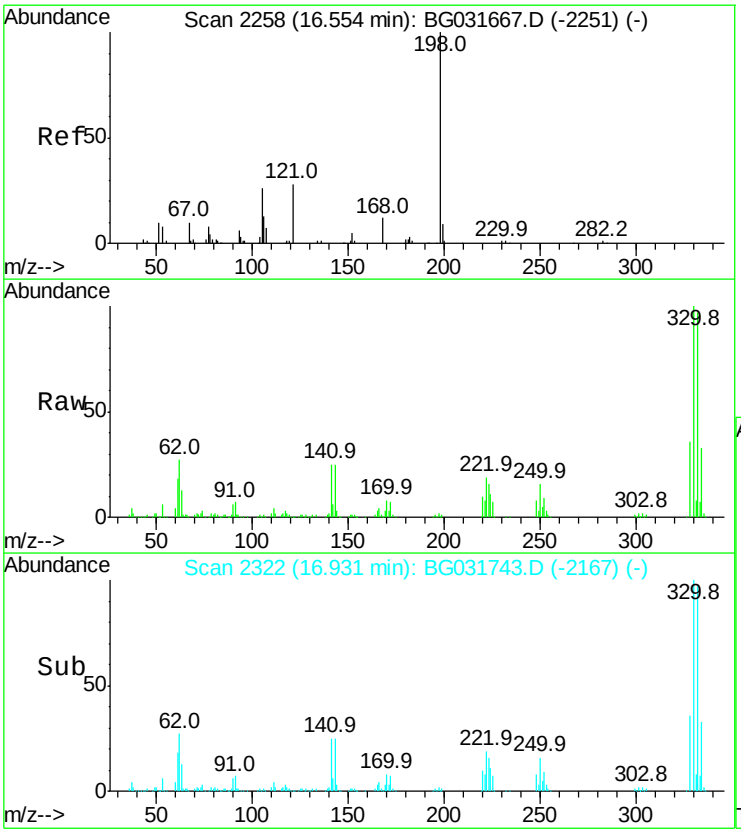
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.19 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BG031743.D
Acq: 23 Dec 2017 11:25

Instrument :
BNA_G
ClientSampleId :
LIP-12

Tgt Ion:188 Resp: 332386

Ion	Ratio	Lower	Upper
188	100		
94	5.2	6.9	10.3#
80	5.2	7.7	11.5#

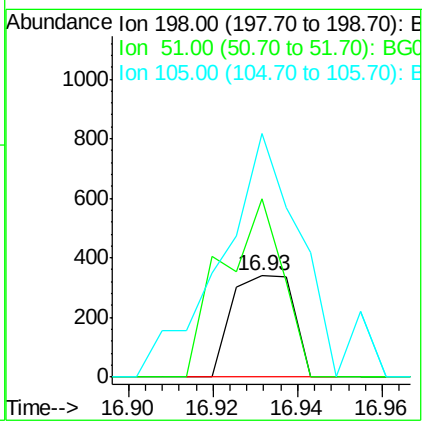


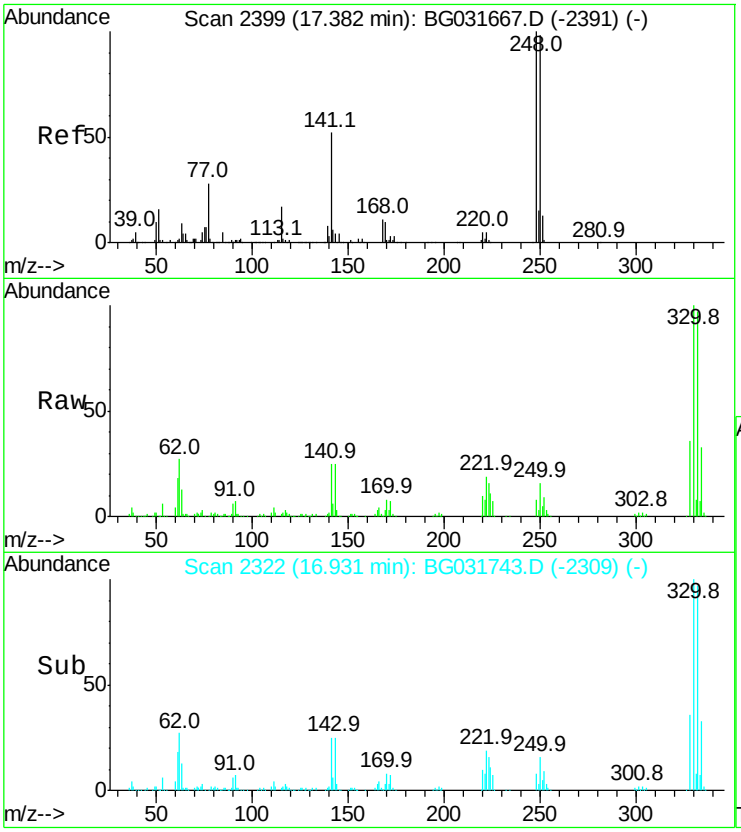


#64
4,6-Dinitro-2-methylphenol
Concen: 8.482 ng
RT: 16.93 min Scan# 2322
Delta R.T. 0.38 min
Lab File: BG031743.D
Acq: 23 Dec 2017 11:25

Tgt Ion:198 Resp: 345

Ion	Ratio	Lower	Upper
198	100		
51	176.7	30.6	70.6#
105	241.0	23.8	63.8#



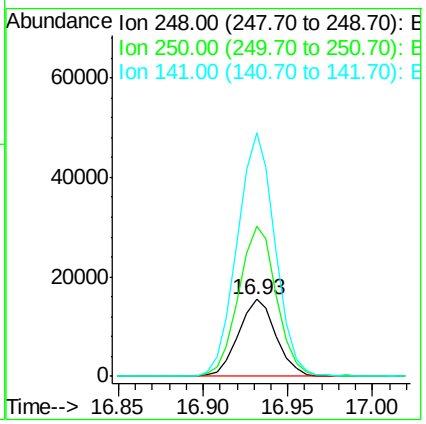


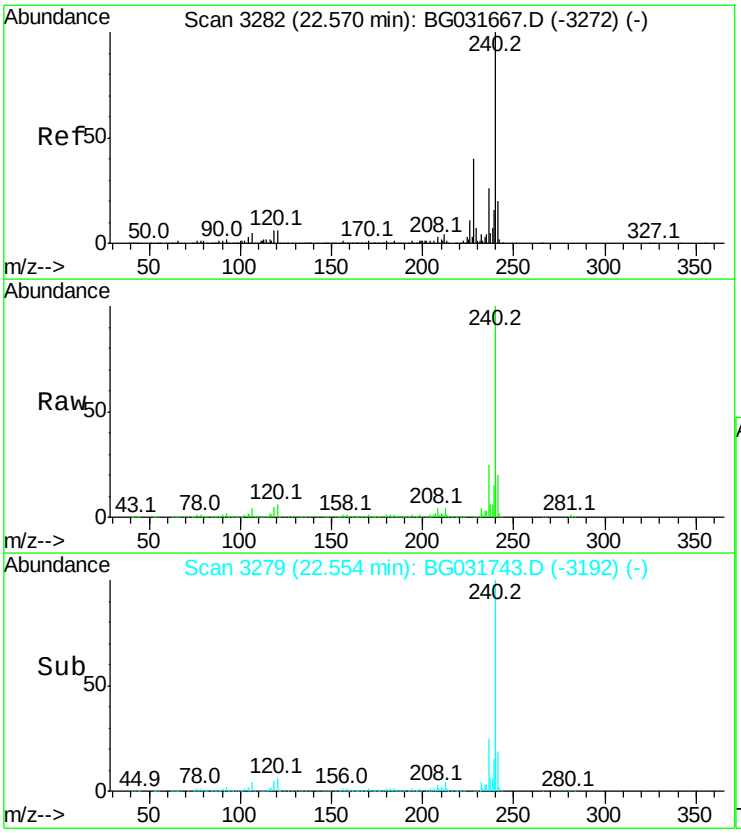
#66
4-Bromophenyl-phenylether
Concen: 4.947 ng
RT: 16.93 min Scan# 2322
Delta R.T. -0.45 min
Lab File: BG031743.D
Acq: 23 Dec 2017 11:25

Instrument :
BNA_G
ClientSampleId :
LIP-12

Tgt Ion:248 Resp: 23779

Ion	Ratio	Lower	Upper
248	100		
250	195.0	77.1	115.7#
141	315.9	50.8	76.2#

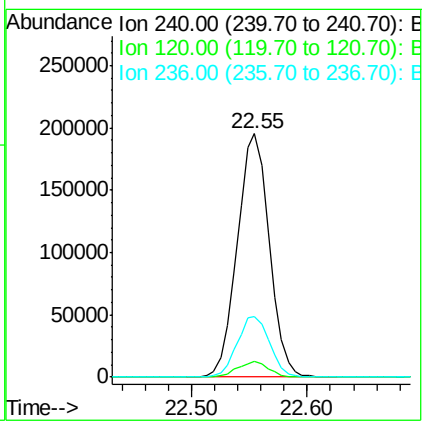


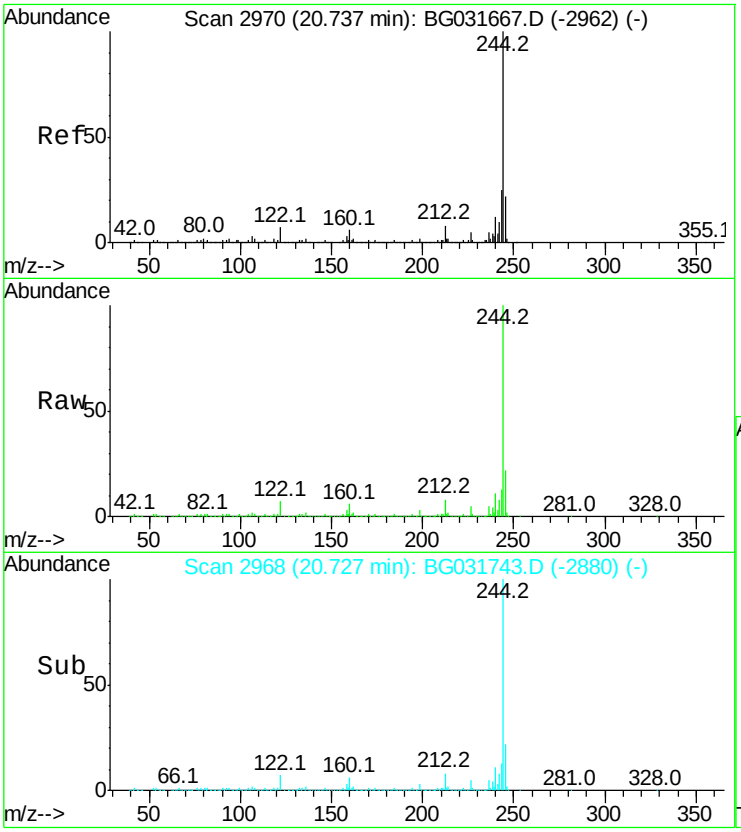


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3279
Delta R.T. -0.02 min
Lab File: BG031743.D
Acq: 23 Dec 2017 11:25

Tgt Ion:240 Resp: 375800

Ion	Ratio	Lower	Upper
240	100		
120	6.3	6.8	10.2#
236	24.9	20.9	31.3



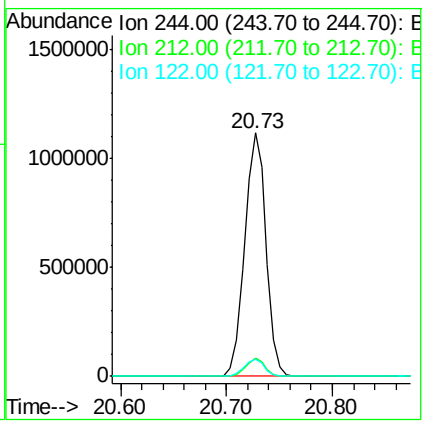


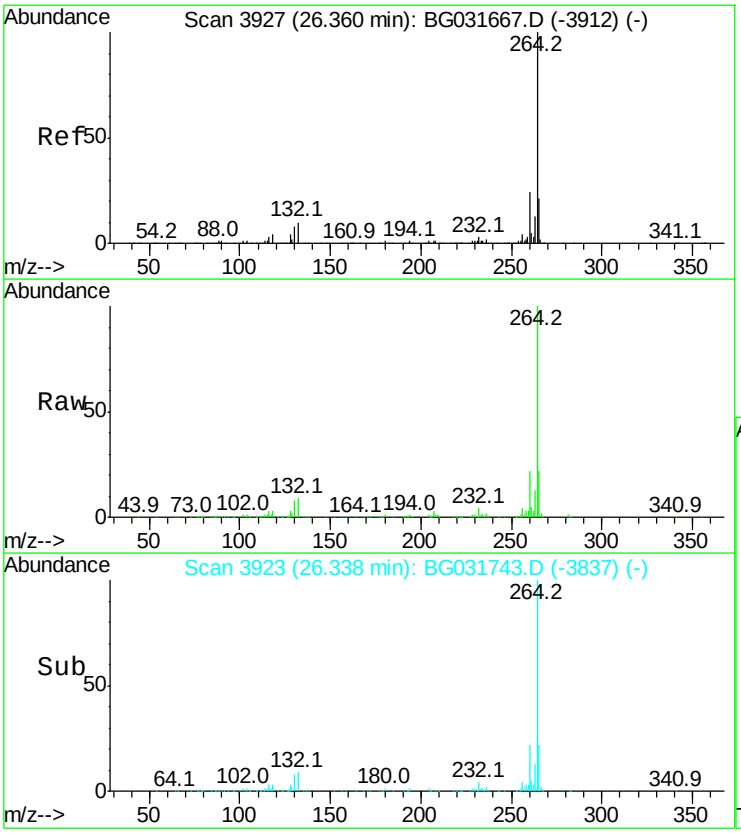
#78
Terphenyl-d14
Concen: 95.056 ng
RT: 20.73 min Scan# 2968
Delta R.T. -0.01 min
Lab File: BG031743.D
Acq: 23 Dec 2017 11:25

Instrument :
BNA_G
ClientSampleId :
LIP-12

Tgt Ion:244 Resp: 1563576

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.8
122	6.8	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: BG031743.D
Acq: 23 Dec 2017 11:25

Tgt Ion:264 Resp: 405999

Ion	Ratio	Lower	Upper
264	100		
260	21.8	17.4	26.0
265	21.7	17.7	26.5