Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122617\
Data File : BG031769.D
Acq On : 26 Dec 2017 19:46
Operator : SJ/JU
Sample : PB105319TB
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB105319TB

Quant Time: Dec 27 00:26:18 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	8.81	152	42157	20.00	ng		-0.03
21) Naphthalene-d8	11.69	136	176071	20.00	ng		-0.03
38) Acenaphthene-d10	15.43	164	124194	20.00	ng		-0.03
63) Phenanthrene-d10	18.17	188	340825	20.00	ng		-0.04
75) Chrysene-d12	22.51	240	426770	20.00	ng		-0.06
86) Perylene-d12	26.27	264	455349	20.00	ng		-0.09
System Monitoring Compounds							
5) 2-Fluorophenol	6.23	112	346197	149.57	ng		-0.02
7) Phenol-d6	7.91	99	431649	143.64	ng		-0.02
23) Nitrobenzene-d5	10.00	82	220286	94.47	ng		-0.03
41) 2,4,6-Tribromophenol	16.91	330	312377	164.84	ng		-0.03
44) 2-Fluorobiphenyl	14.06	172	862451	87.16	ng		-0.03
78) Terphenyl-d14	20.70	244	1744907	93.41	ng		-0.03
Target Compounds							Qvalue
9) Benzaldehyde	8.31	77	7581	4.19	ng		98
19) n-Nitroso-di-n-propylamine	10.00	70	29157	14.21	ng	#	73
50) 2,6-Dinitrotoluene	15.43	165	15993	7.95	ng	#	18
56) 2,4-Dinitrotoluene	15.43	165	15993	6.18	ng	#	16
64) 4,6-Dinitro-2-methylphenol	16.90	198	734	8.67	ng	#	66
66) 4-Bromophenyl-phenylether	16.91	248	24774	5.03	ng	#	1

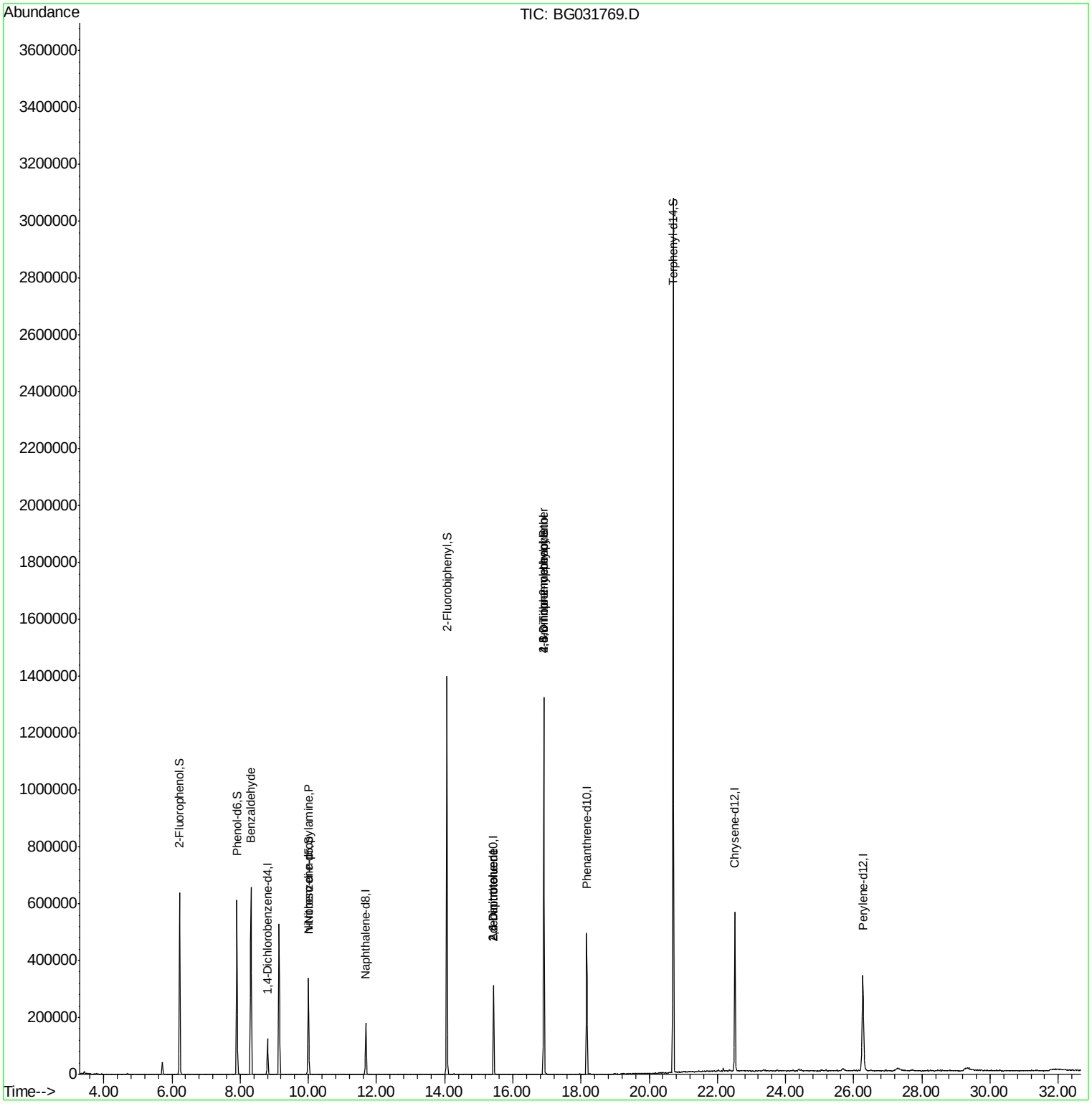
(#) = qualifier out of range (m) = manual integration (+) = signals summed

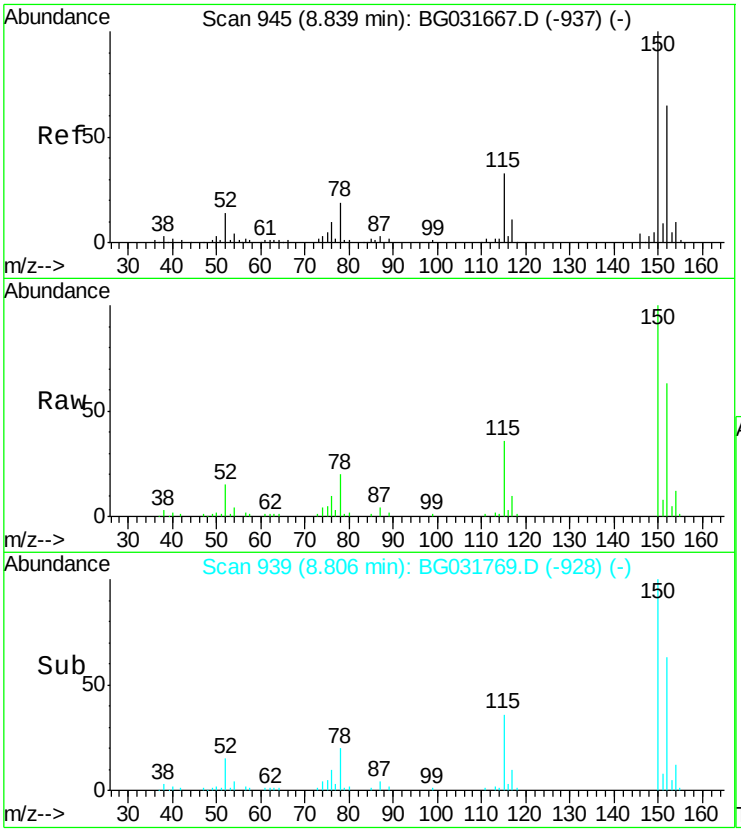
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122617\
Data File : BG031769.D
Acq On : 26 Dec 2017 19:46
Operator : SJ/JU
Sample : PB105319TB
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB105319TB

Quant Time: Dec 27 00:26:18 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



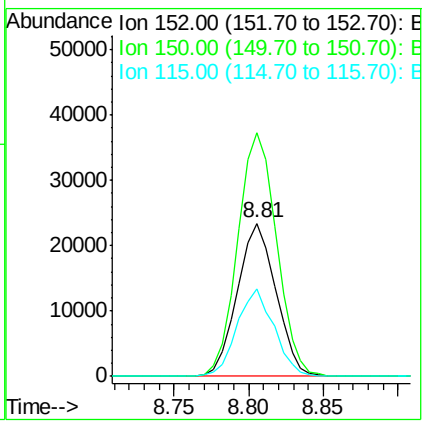


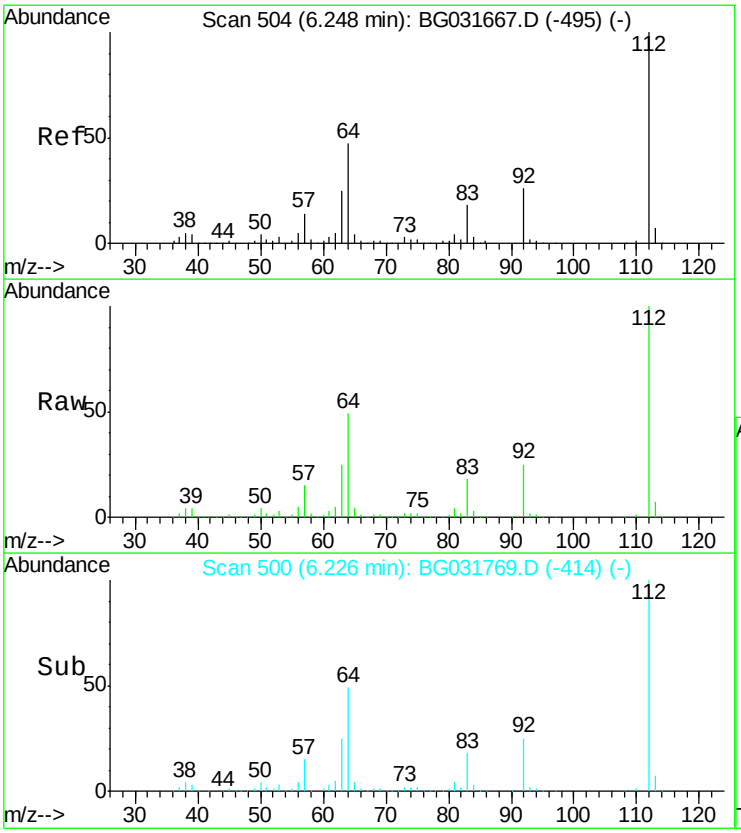
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.81 min Scan# 939
Delta R.T. -0.03 min
Lab File: BG031769.D
Acq: 26 Dec 2017 19:46

Instrument :
BNA_G
ClientSampleId :
PB105319TB

Tgt Ion:152 Resp: 42157

Ion	Ratio	Lower	Upper
152	100		
150	159.4	126.6	189.8
115	57.2	53.0	79.4

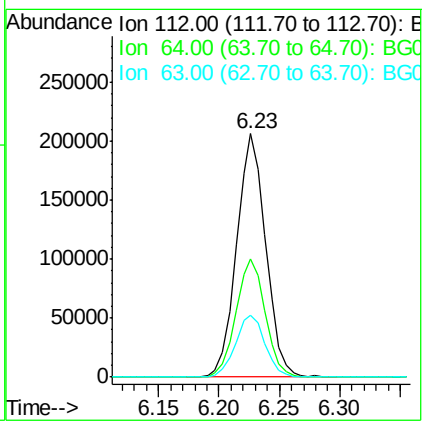


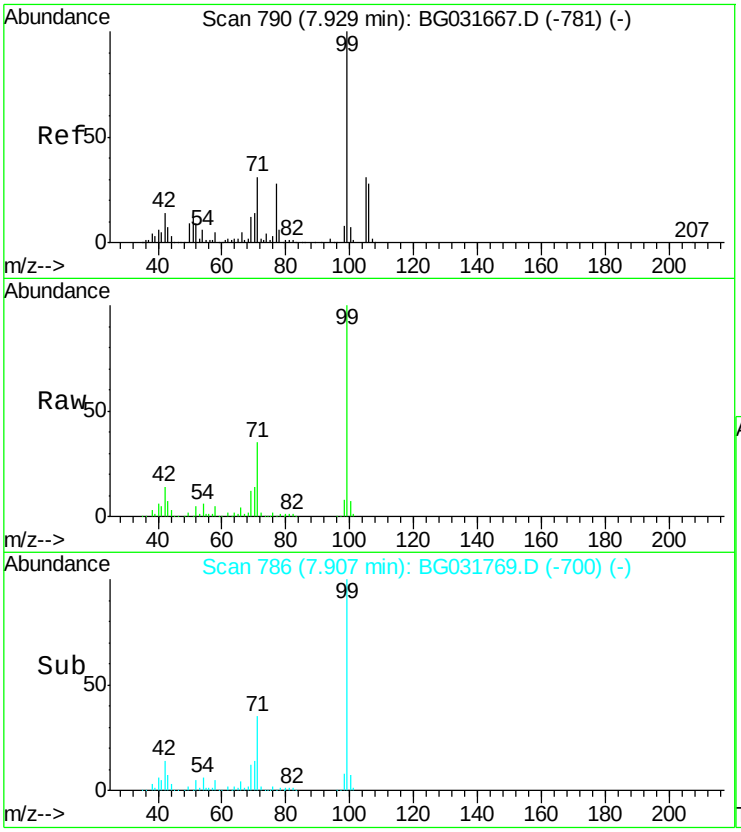


#5
2-Fluorophenol
Concen: 149.57 ng
RT: 6.23 min Scan# 500
Delta R.T. -0.02 min
Lab File: BG031769.D
Acq: 26 Dec 2017 19:46

Tgt Ion:112 Resp: 346197

Ion	Ratio	Lower	Upper
112	100		
64	48.8	56.3	84.5#
63	25.3	30.1	45.1#



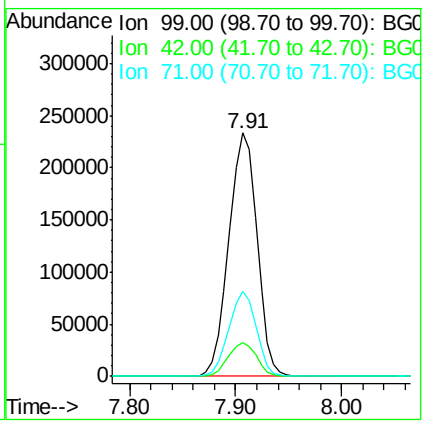


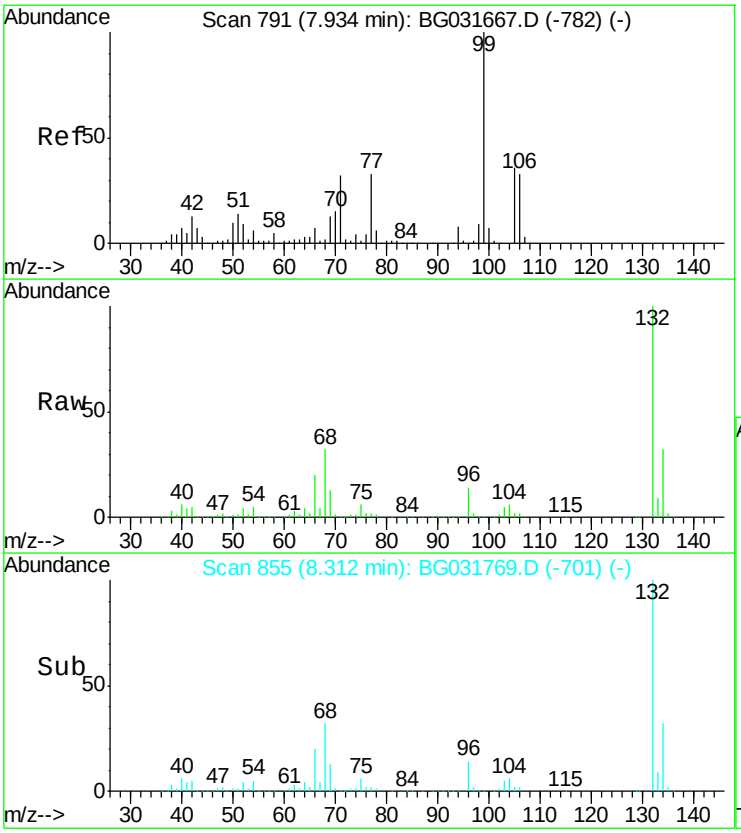
#7
Phenol-d6
Concen: 143.64 ng
RT: 7.91 min Scan# 786
Delta R.T. -0.02 min
Lab File: BG031769.D
Acq: 26 Dec 2017 19:46

Instrument :
BNA_G
ClientSampleId :
PB105319TB

Tgt Ion: 99 Resp: 431649

Ion	Ratio	Lower	Upper
99	100		
42	13.9	14.1	21.1#
71	35.0	26.1	39.1

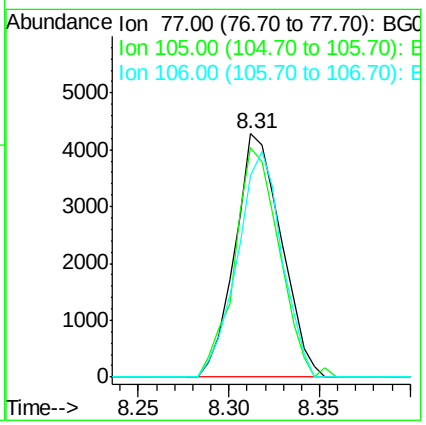


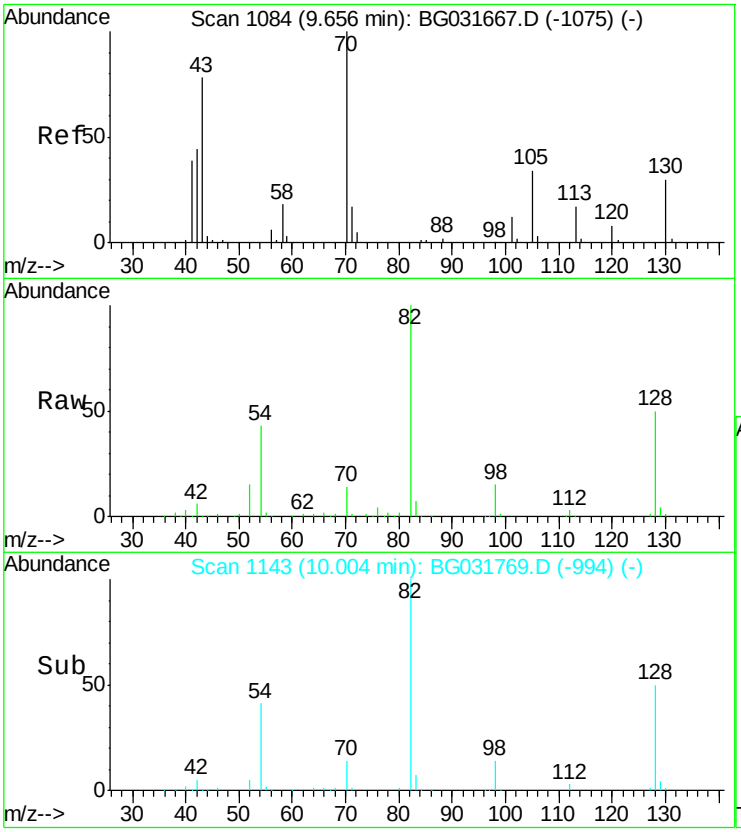


#9
Benzaldehyde
Concen: 4.19 ng
RT: 8.31 min Scan# 855
Delta R.T. 0.38 min
Lab File: BG031769.D
Acq: 26 Dec 2017 19:46

Tgt Ion: 77 Resp: 7581

Ion	Ratio	Lower	Upper
77	100		
105	94.5	71.3	111.3
106	82.9	64.2	104.2



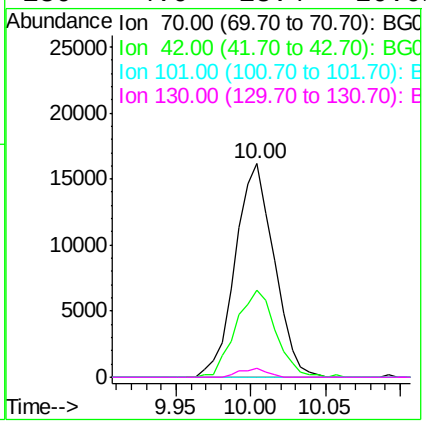


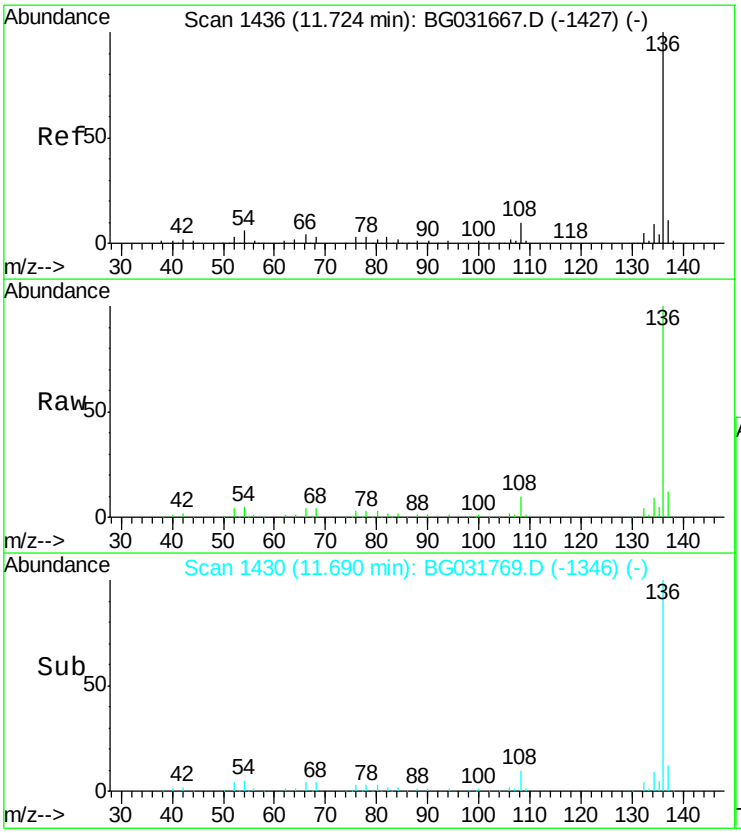
#19
n-Nitroso-di-n-propylamine
Concen: 14.21 ng
RT: 10.00 min Scan# 1143
Delta R.T. 0.35 min
Lab File: BG031769.D
Acq: 26 Dec 2017 19:46

Instrument :
BNA_G
ClientSampleId :
PB105319TB

Tgt Ion: 70 Resp: 29157

Ion	Ratio	Lower	Upper
70	100		
42	40.9	49.1	73.7#
101	0.0	8.5	12.7#
130	4.0	13.4	20.0#

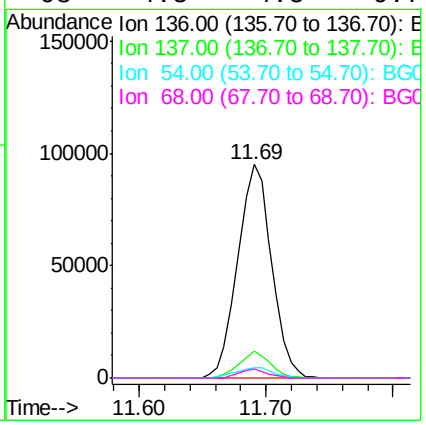


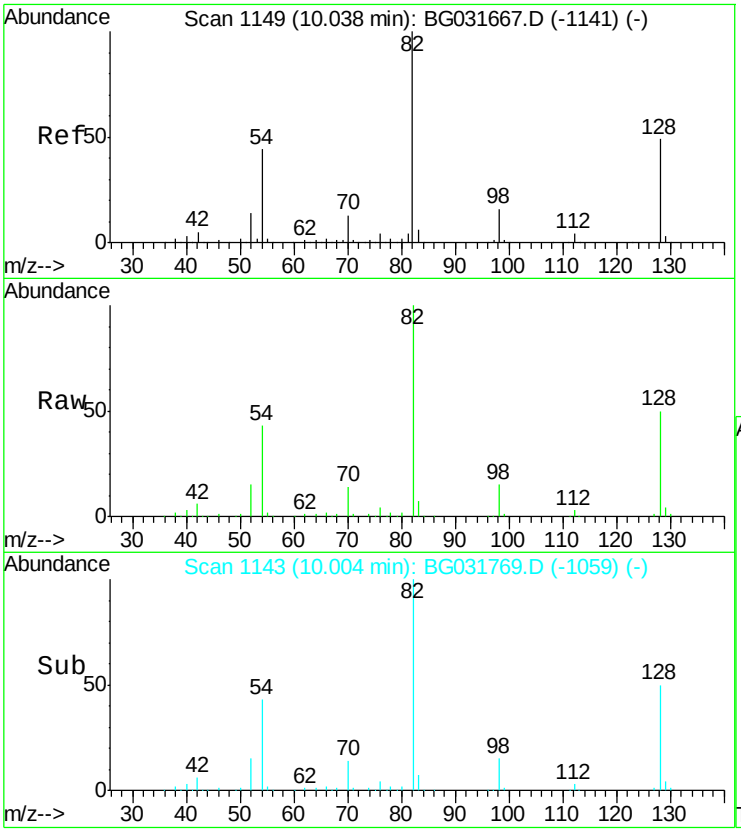


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.69 min Scan# 1430
Delta R.T. -0.03 min
Lab File: BG031769.D
Acq: 26 Dec 2017 19:46

Tgt Ion:136 Resp: 176071

Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.2	13.8
54	5.1	10.3	15.5#
68	4.5	4.5	6.7



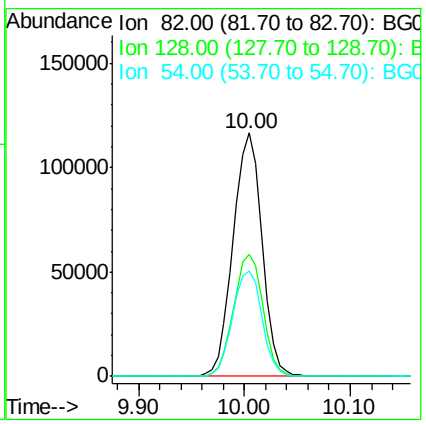


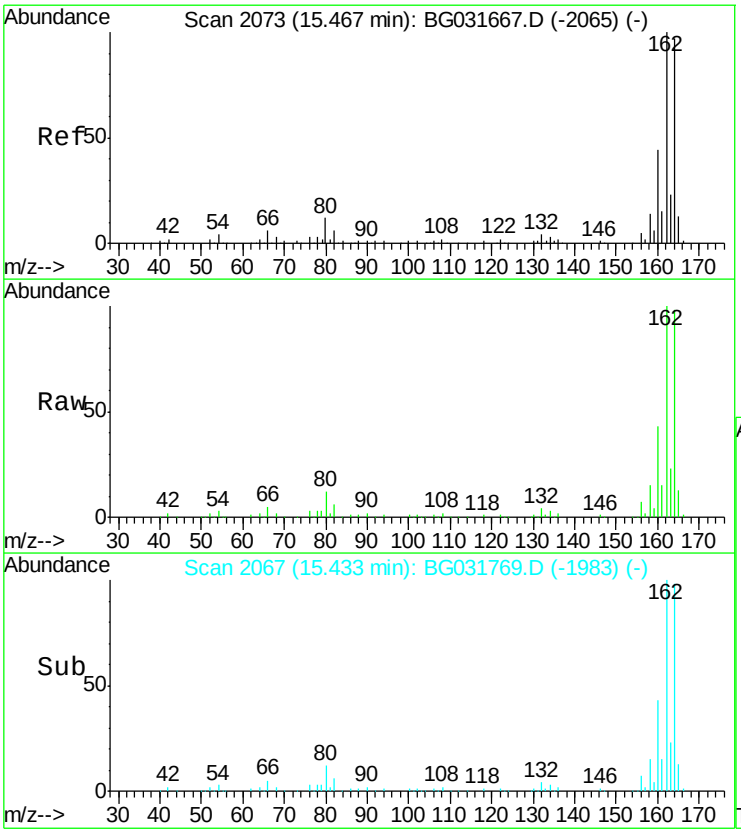
#23
Nitrobenzene-d5
Concen: 94.47 ng
RT: 10.00 min Scan# 1143
Delta R.T. -0.03 min
Lab File: BG031769.D
Acq: 26 Dec 2017 19:46

Instrument :
BNA_G
ClientSampleId :
PB105319TB

Tgt Ion: 82 Resp: 220286

Ion	Ratio	Lower	Upper
82	100		
128	50.3	29.7	44.5#
54	43.4	43.1	64.7

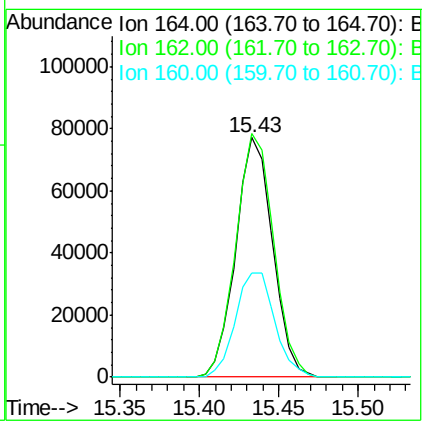


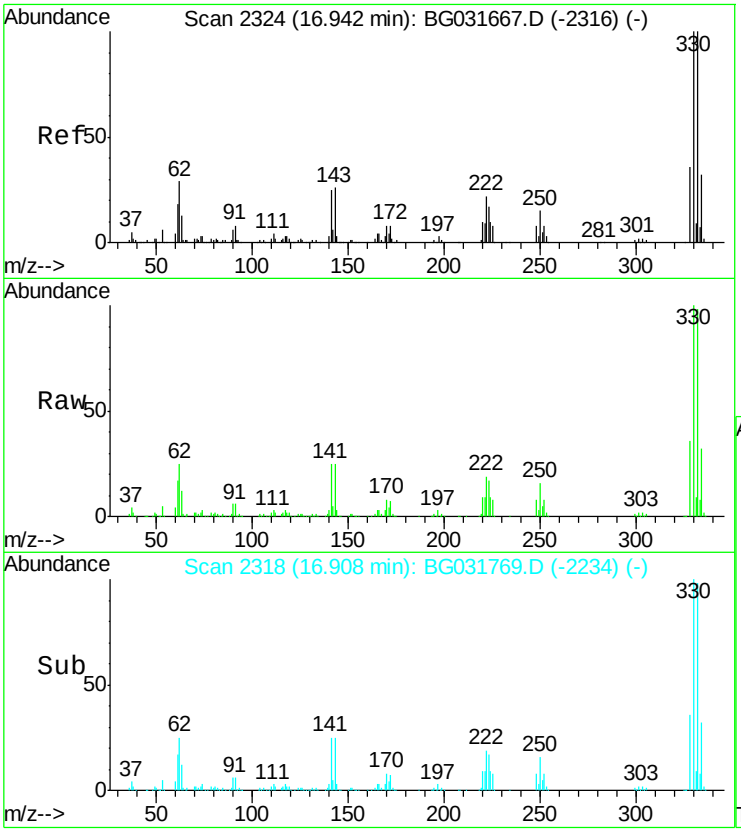


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.43 min Scan# 2067
Delta R.T. -0.03 min
Lab File: BG031769.D
Acq: 26 Dec 2017 19:46

Tgt Ion:164 Resp: 124194

Ion	Ratio	Lower	Upper
164	100		
162	101.7	78.8	118.2
160	43.7	35.4	53.0



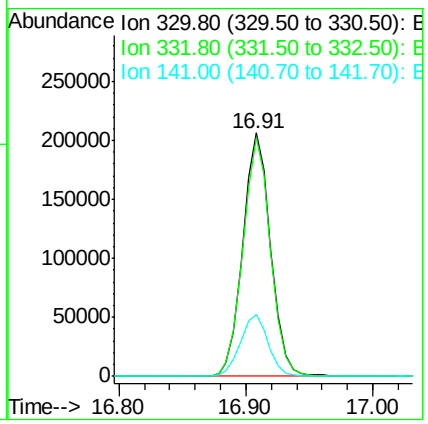


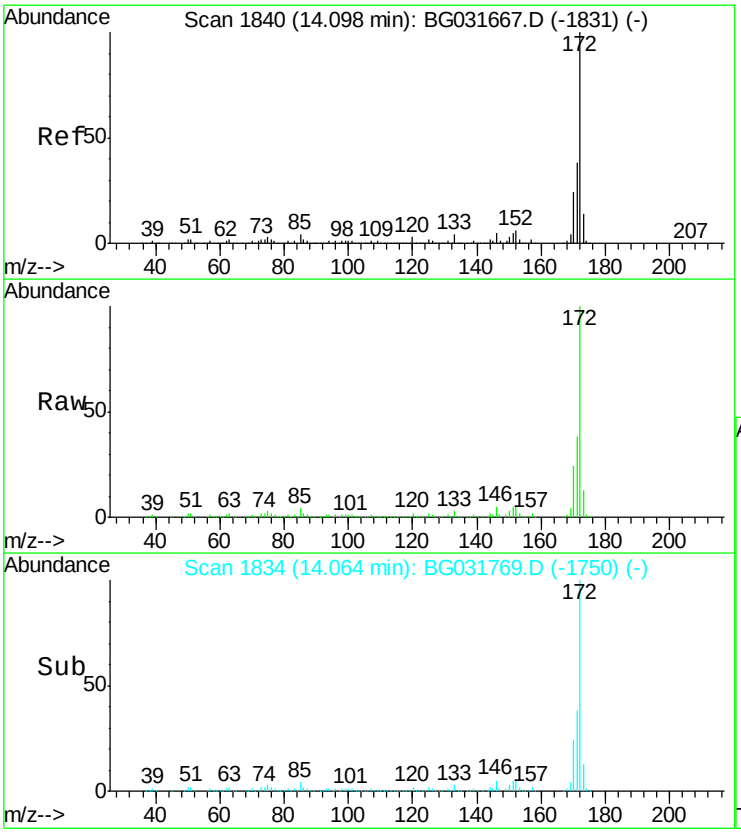
#41
2,4,6-Tribromophenol
Concen: 164.84 ng
RT: 16.91 min Scan# 2318
Delta R.T. -0.03 min
Lab File: BG031769.D
Acq: 26 Dec 2017 19:46

Instrument :
BNA_G
ClientSampleId :
PB105319TB

Tgt Ion:330 Resp: 312377

Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	25.3	25.2	37.8

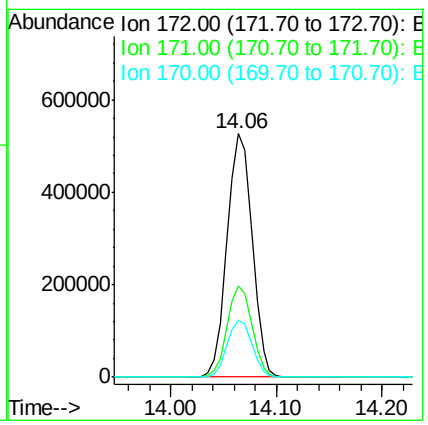


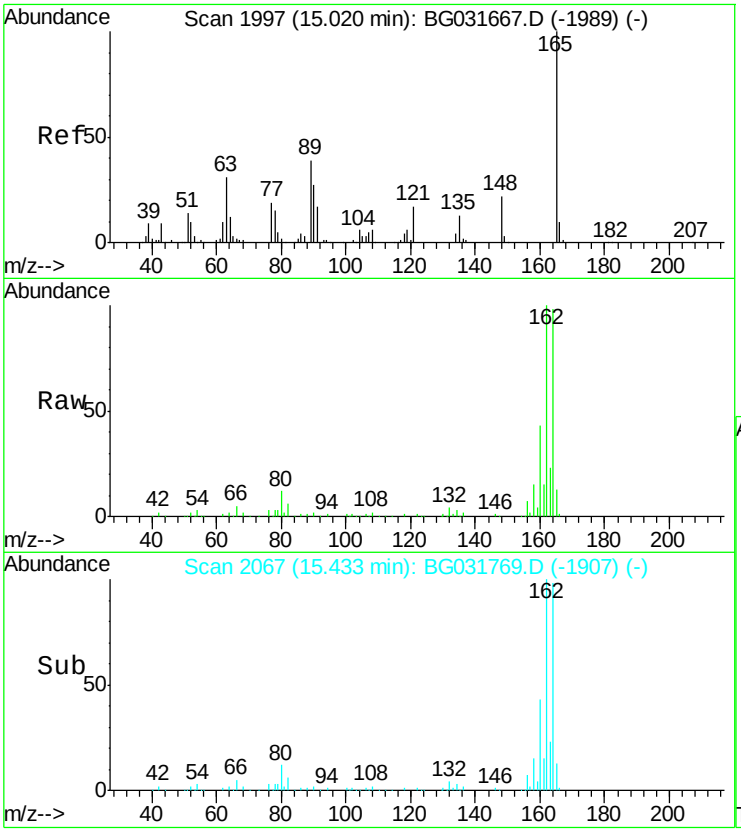


#44
2-Fluorobiphenyl
Concen: 87.16 ng
RT: 14.06 min Scan# 1834
Delta R.T. -0.03 min
Lab File: BG031769.D
Acq: 26 Dec 2017 19:46

Tgt Ion:172 Resp: 862451

Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.0	45.0
170	23.5	19.5	29.3



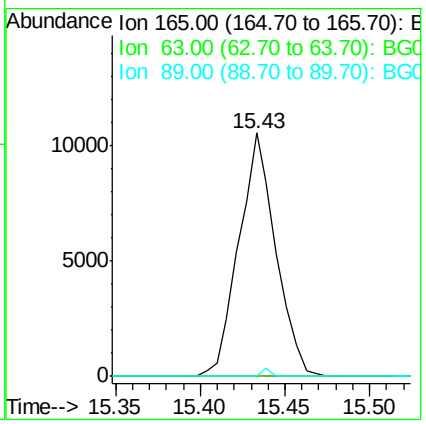


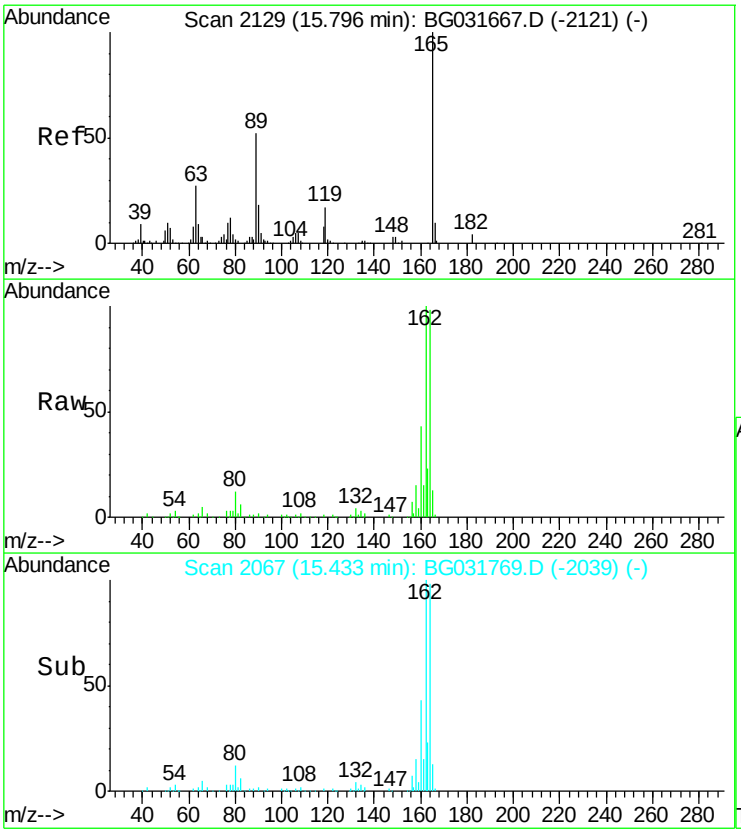
#50
2,6-Dinitrotoluene
Concen: 7.95 ng
RT: 15.43 min Scan# 2067
Delta R.T. 0.41 min
Lab File: BG031769.D
Acq: 26 Dec 2017 19:46

Instrument :
BNA_G
ClientSampleId :
PB105319TB

Tgt Ion:165 Resp: 15993

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

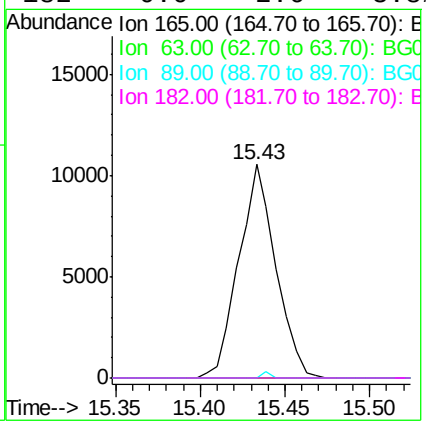


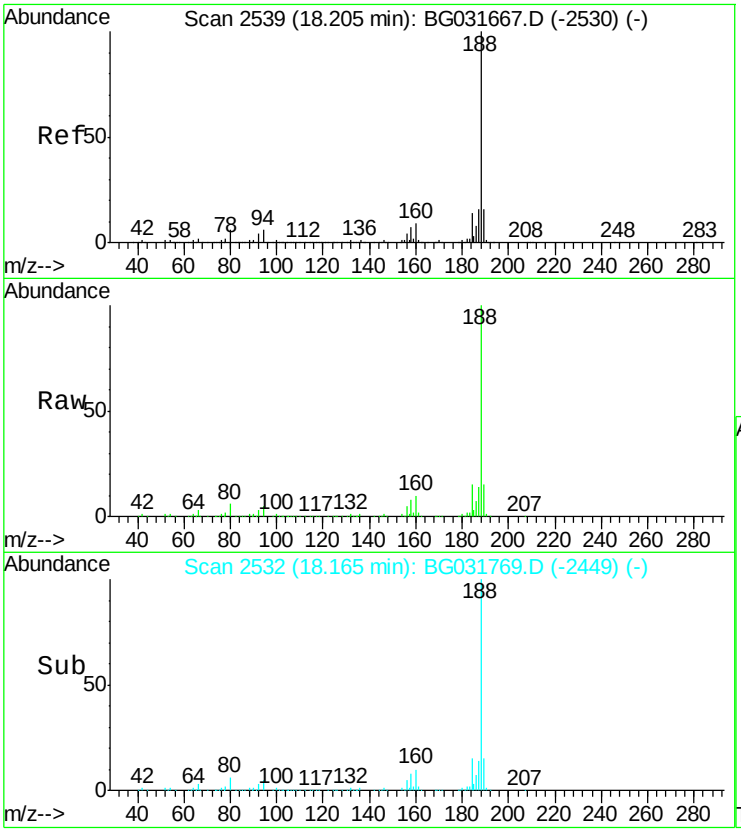


#56
2,4-Dinitrotoluene
Concen: 6.18 ng
RT: 15.43 min Scan# 2067
Delta R.T. -0.36 min
Lab File: BG031769.D
Acq: 26 Dec 2017 19:46

Tgt Ion:165 Resp: 15993

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#



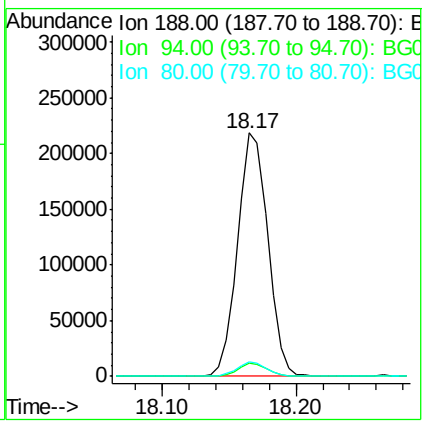


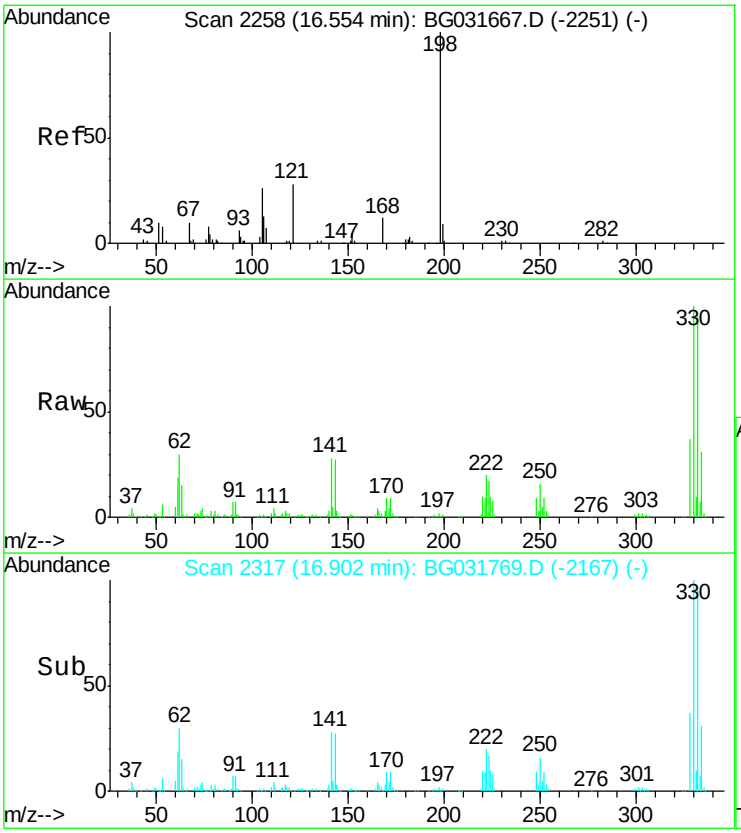
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.17 min Scan# 2532
Delta R.T. -0.04 min
Lab File: BG031769.D
Acq: 26 Dec 2017 19:46

Instrument :
BNA_G
ClientSampleId :
PB105319TB

Tgt Ion:188 Resp: 340825

Ion	Ratio	Lower	Upper
188	100		
94	5.3	6.9	10.3#
80	5.8	7.7	11.5#

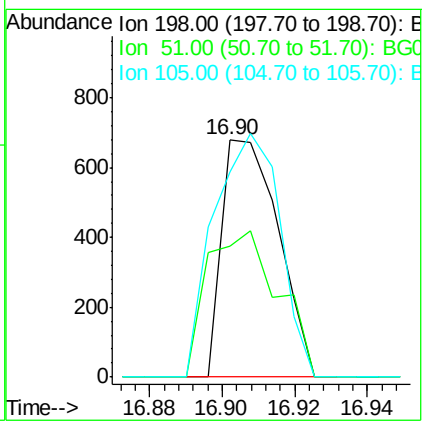


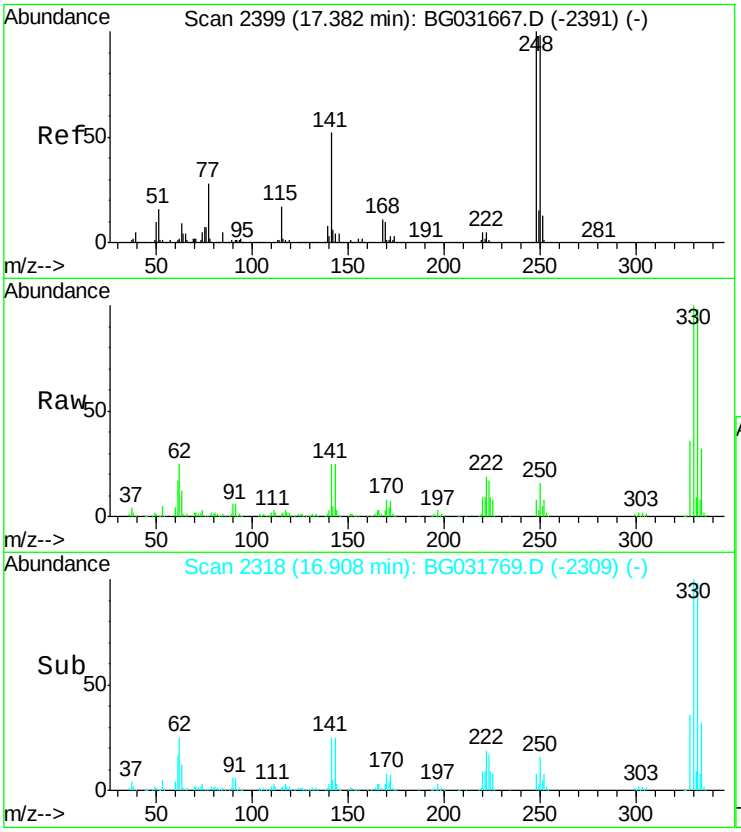


#64
4,6-Dinitro-2-methylphenol
Concen: 8.67 ng
RT: 16.90 min Scan# 2317
Delta R.T. 0.35 min
Lab File: BG031769.D
Acq: 26 Dec 2017 19:46

Tgt Ion:198 Resp: 734

Ion	Ratio	Lower	Upper
198	100		
51	55.1	30.6	70.6
105	86.2	23.8	63.8#



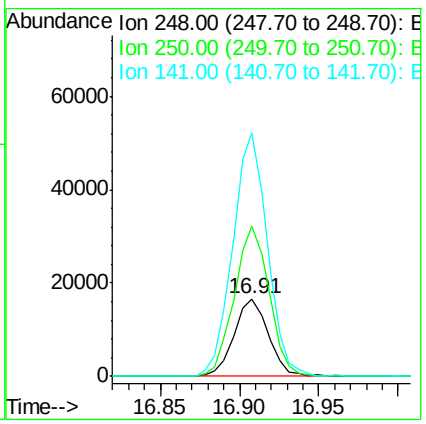


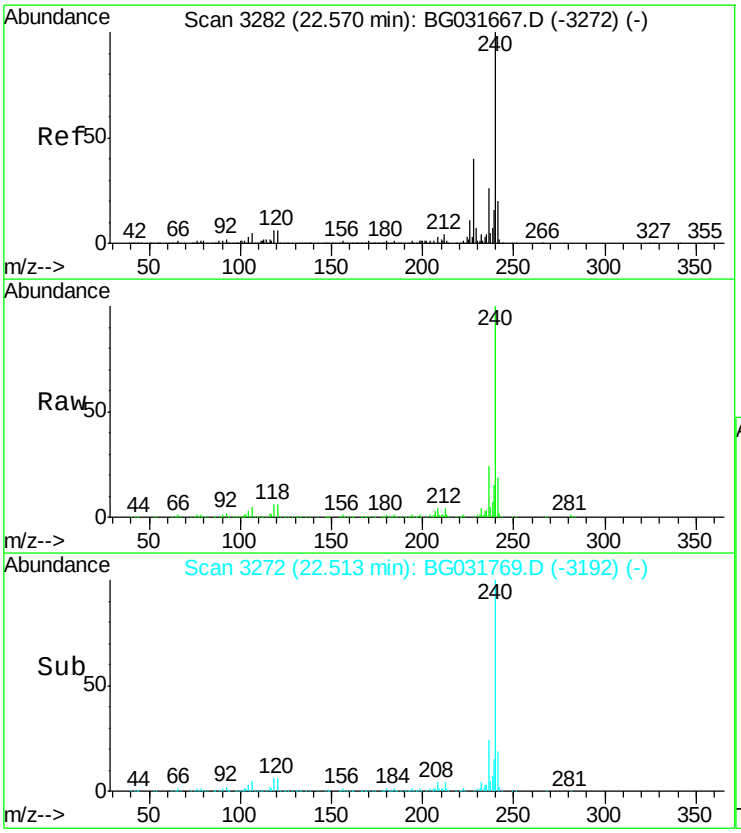
#66
4-Bromophenyl-phenylether
Concen: 5.03 ng
RT: 16.91 min Scan# 2318
Delta R.T. -0.47 min
Lab File: BG031769.D
Acq: 26 Dec 2017 19:46

Instrument :
BNA_G
ClientSampleId :
PB105319TB

Tgt Ion:248 Resp: 24774

Ion	Ratio	Lower	Upper
248	100		
250	194.4	77.1	115.7#
141	314.0	50.8	76.2#

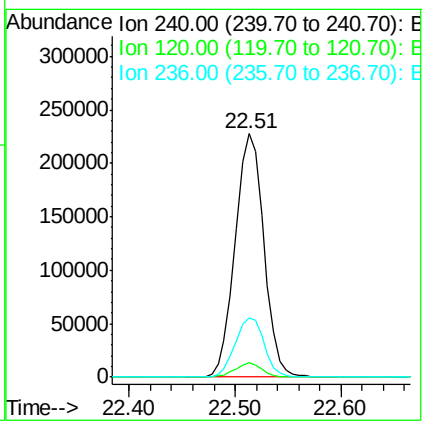


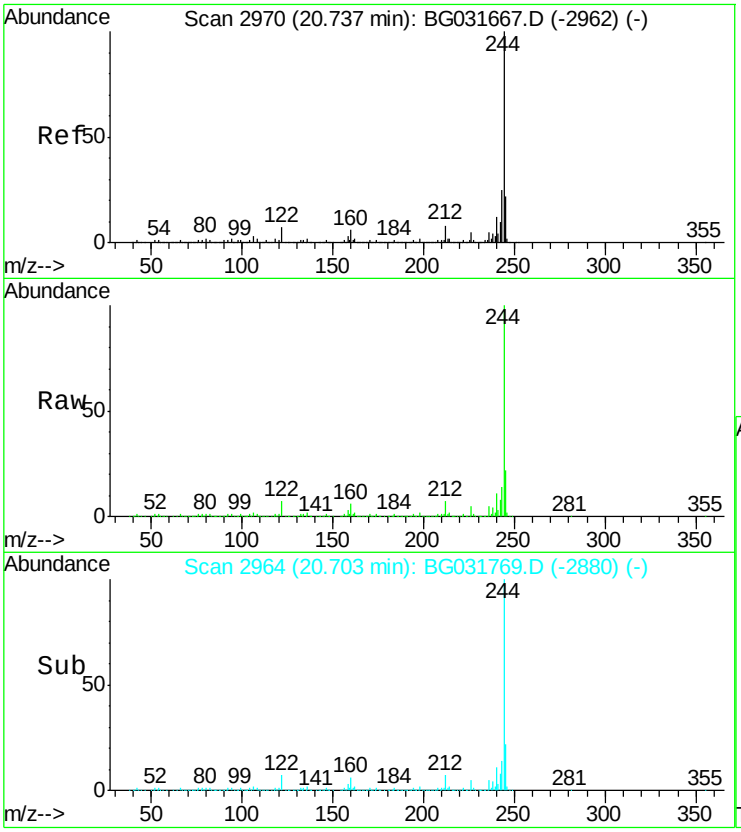


#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.51 min Scan# 3272
Delta R.T. -0.06 min
Lab File: BG031769.D
Acq: 26 Dec 2017 19:46

Tgt Ion:240 Resp: 426770

Ion	Ratio	Lower	Upper
240	100		
120	5.8	6.8	10.2#
236	24.4	20.9	31.3



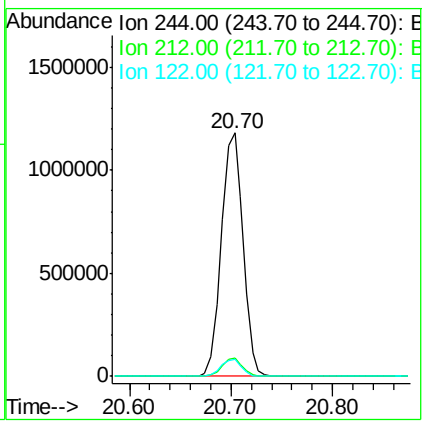


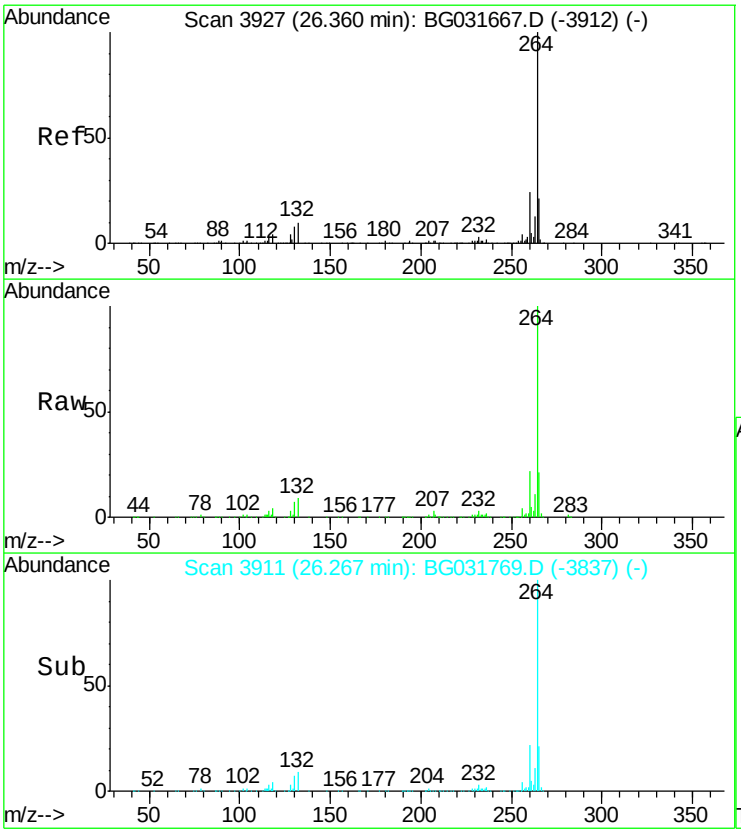
#78
Terphenyl-d14
Concen: 93.41 ng
RT: 20.70 min Scan# 2964
Delta R.T. -0.03 min
Lab File: BG031769.D
Acq: 26 Dec 2017 19:46

Instrument :
BNA_G
ClientSampleId :
PB105319TB

Tgt Ion:244 Resp: 1744907

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	6.9	7.0	10.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 26.27 min Scan# 3911
Delta R.T. -0.09 min
Lab File: BG031769.D
Acq: 26 Dec 2017 19:46

Tgt Ion:264 Resp: 455349

Ion	Ratio	Lower	Upper
264	100		
260	22.5	17.4	26.0
265	21.4	17.7	26.5