Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021919\
Data File : BG039561.D
Acq On : 19 Feb 2019 19:03
Operator : JU/SJ
Sample : PB117212TB
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB117212TB

Quant Time: Feb 19 23:51:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 29 15:41:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	44075	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	195494	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	134918	20.00	ng	-0.02
64) Phenanthrene-d10	17.53	188	354620	20.00	ng	-0.02
76) Chrysene-d12	21.82	240	370332	20.00	ng	-0.03
87) Perylene-d12	25.20	264	311372	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	350849	136.24	ng	0.00
7) Phenol-d6	7.31	99	522684	137.89	ng	0.00
23) Nitrobenzene-d5	9.34	82	289616	92.55	ng	-0.02
42) 2,4,6-Tribromophenol	16.27	330	196143	135.01	ng	-0.02
45) 2-Fluorobiphenyl	13.41	172	761349	80.95	ng	-0.02
79) Terphenyl-d14	20.13	244	1313754	75.09	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	7.31	77	1095	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	9.34	70	38193	14.196	ng	# 69
48) 2-Nitroaniline	13.41	65	1225	8.714	ng	# 4
51) 2,6-Dinitrotoluene	14.79	165	17755	14.086	ng	# 25
57) 2,4-Dinitrotoluene	14.79	165	17755	13.522	ng	# 20
62) 4-Nitroaniline	15.56	138	72	4.231	ng	# 10
65) 4,6-Dinitro-2-methylphenol	16.27	198	635	4.749	ng	# 18
67) 4-Bromophenyl-phenylether	16.27	248	14531	3.694	ng	# 1

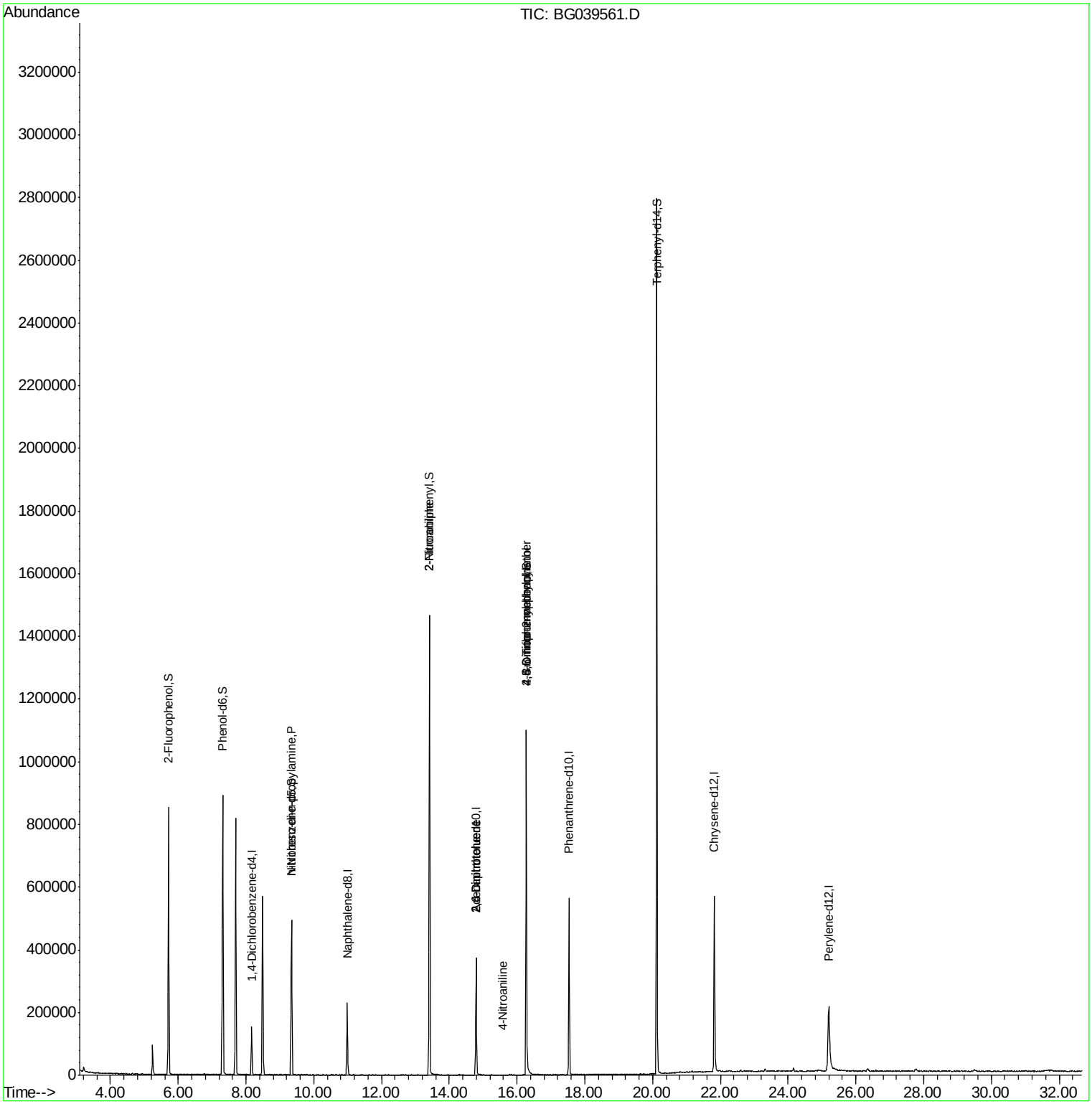
(#) = qualifier out of range (m) = manual integration (+) = signals summed

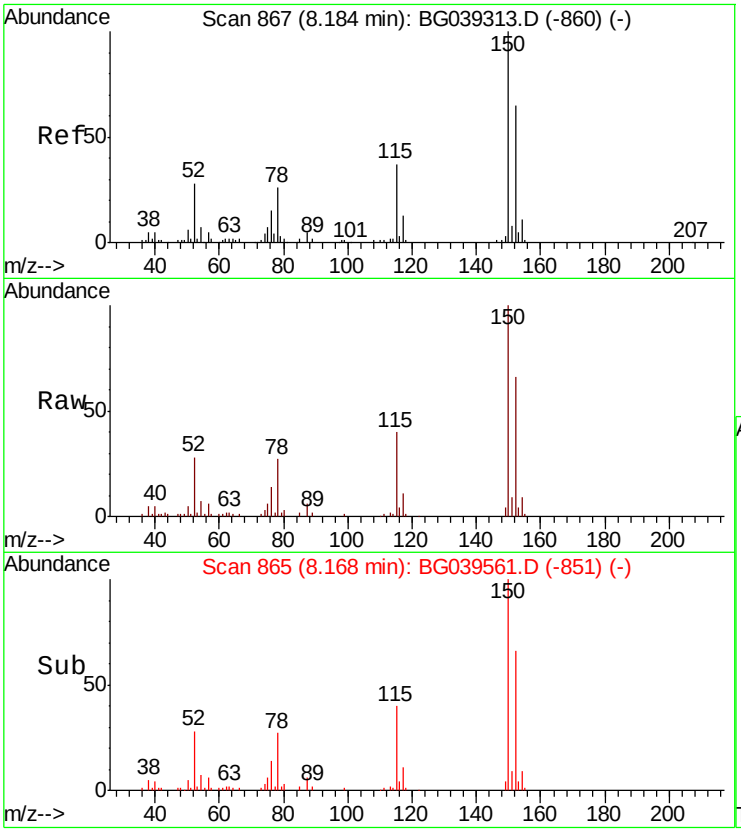
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021919\
Data File : BG039561.D
Acq On : 19 Feb 2019 19:03
Operator : JU/SJ
Sample : PB117212TB
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB117212TB

Quant Time: Feb 19 23:51:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 29 15:41:51 2019
Response via : Initial Calibration



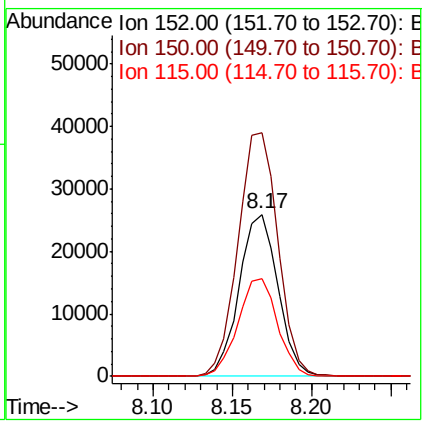


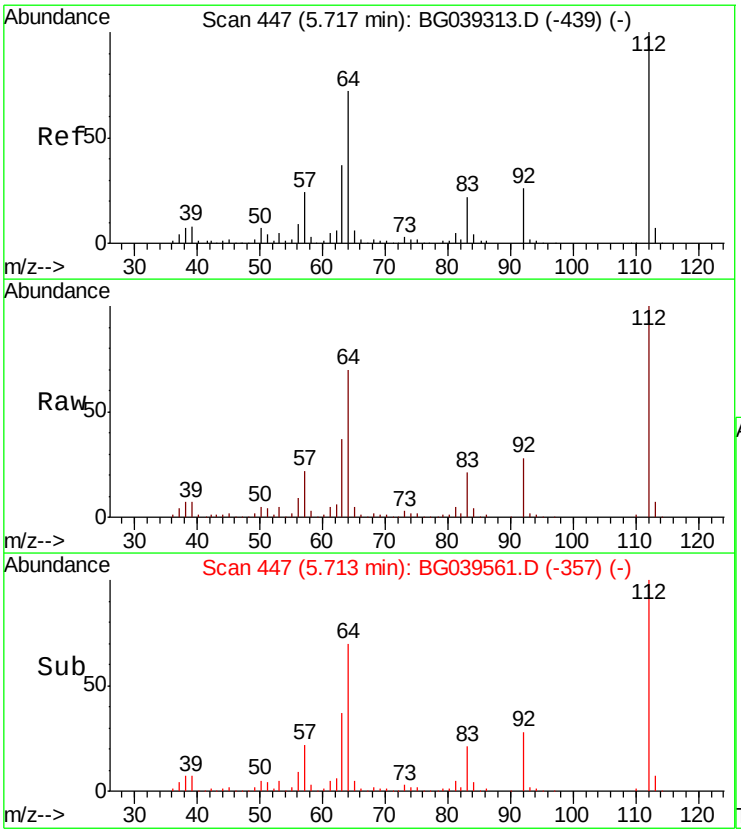
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.02 min
Lab File: BG039561.D
Acq: 19 Feb 2019 19:03

Instrument :
BNA_G
ClientSampleId :
PB117212TB

Tgt Ion:152 Resp: 44075

Ion	Ratio	Lower	Upper
152	100		
150	150.6	123.7	185.5
115	60.3	45.9	68.9

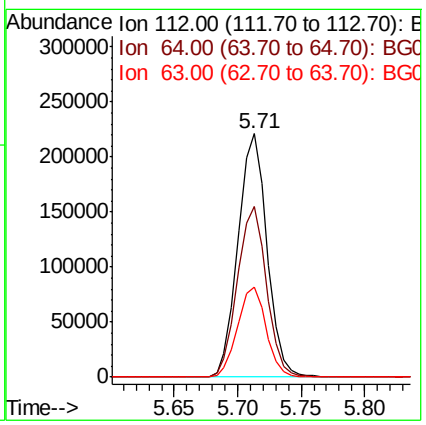


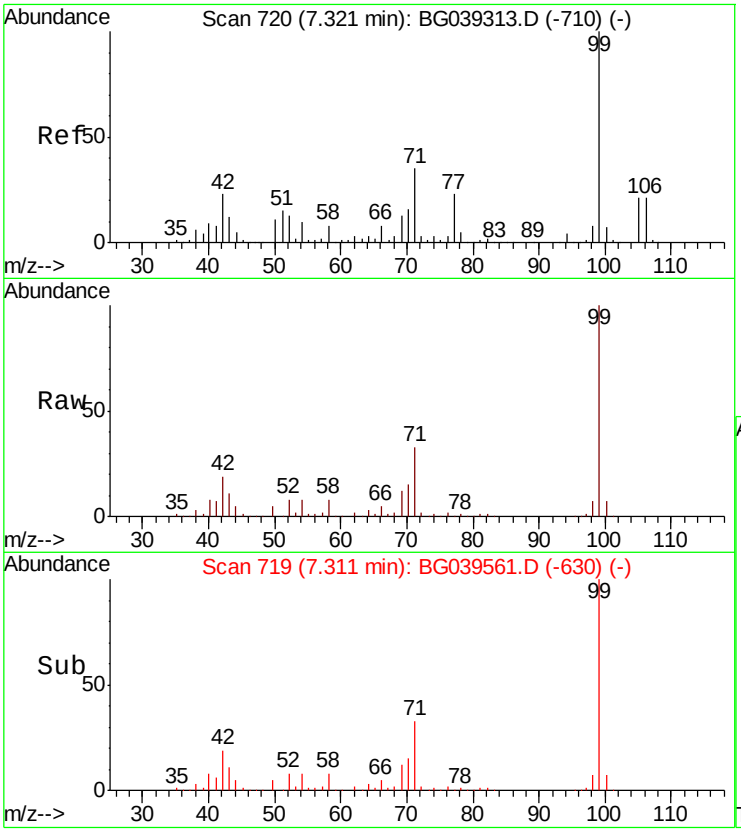


#5
2-Fluorophenol
Concen: 136.241 ng
RT: 5.71 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039561.D
Acq: 19 Feb 2019 19:03

Tgt Ion:112 Resp: 350849

Ion	Ratio	Lower	Upper
112	100		
64	70.0	57.8	86.8
63	36.8	29.8	44.6



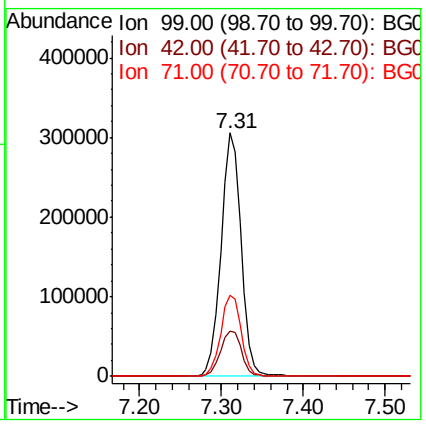


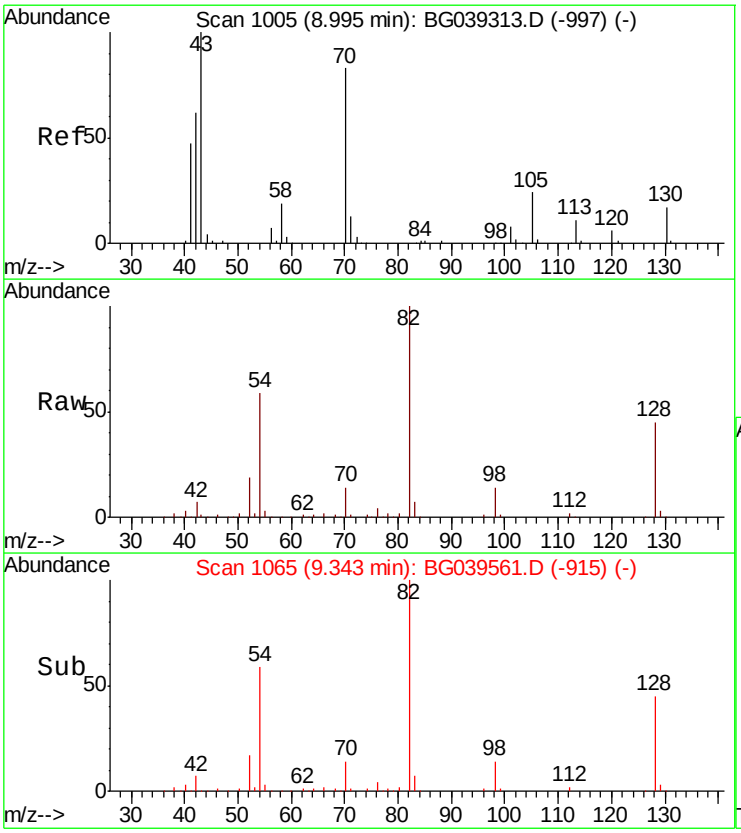
#7
Phenol-d6
Concen: 137.888 ng
RT: 7.31 min Scan# 719
Delta R.T. -0.01 min
Lab File: BG039561.D
Acq: 19 Feb 2019 19:03

Instrument :
BNA_G
ClientSampleId :
PB117212TB

Tgt Ion: 99 Resp: 522684

Ion	Ratio	Lower	Upper
99	100		
42	18.8	18.2	27.2
71	33.4	28.0	42.0

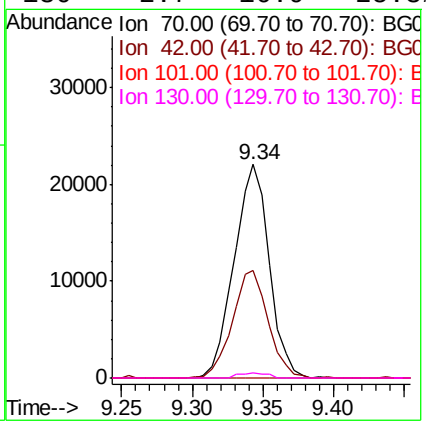


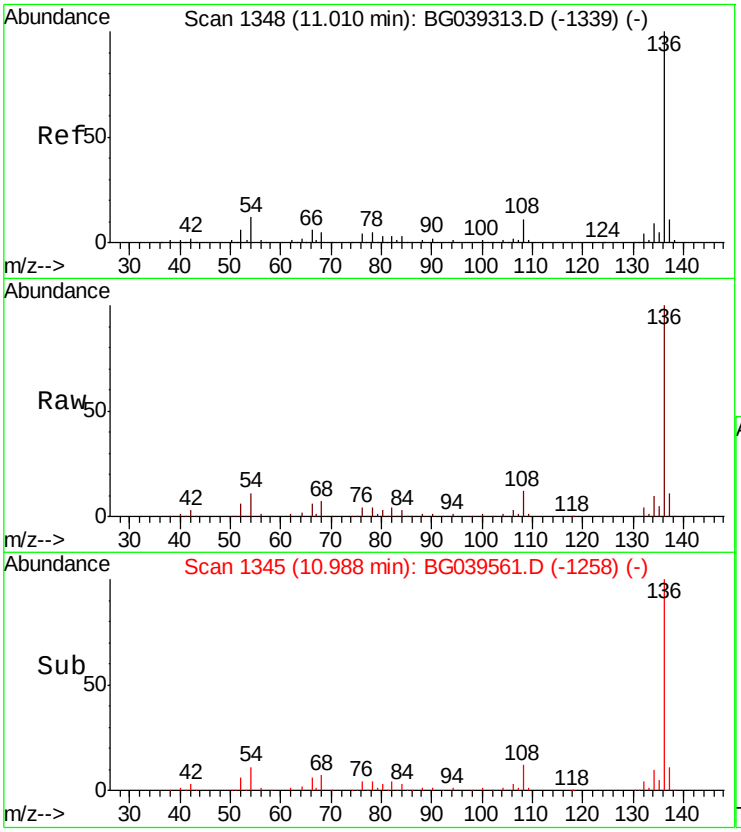


#19
n-Nitroso-di-n-propylamine
Concen: 14.196 ng
RT: 9.34 min Scan# 1065
Delta R.T. 0.35 min
Lab File: BG039561.D
Acq: 19 Feb 2019 19:03

Tgt Ion: 70 Resp: 38193

Ion	Ratio	Lower	Upper
70	100		
42	50.4	60.4	90.6#
101	0.0	7.5	11.3#
130	2.7	16.9	25.3#



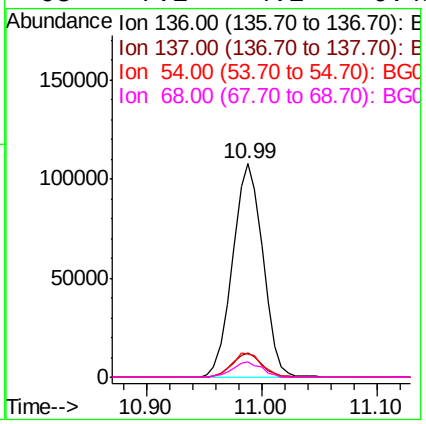


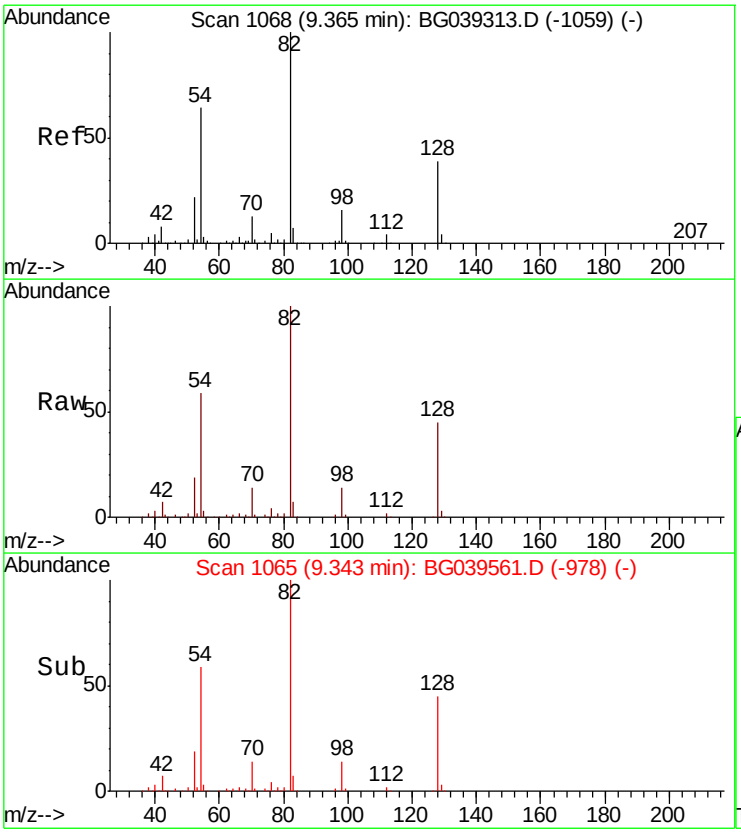
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.02 min
Lab File: BG039561.D
Acq: 19 Feb 2019 19:03

Instrument : BNA_G
ClientSampleId : PB117212TB

Tgt Ion:136 Resp: 195494

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	10.6	9.4	14.2
68	7.2	4.2	6.4#

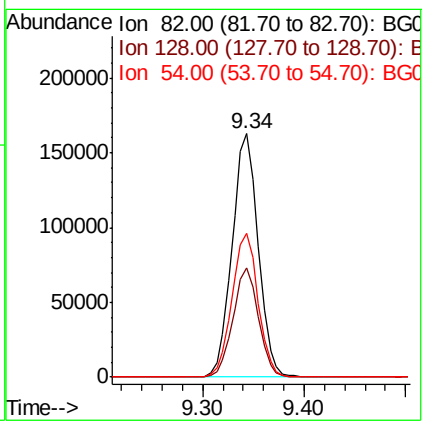


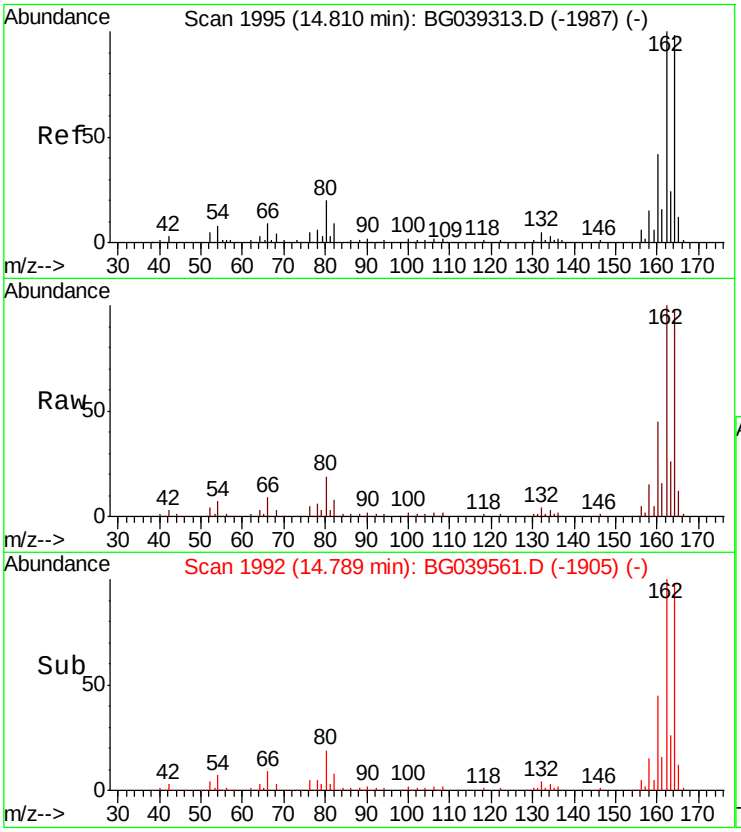


#23
Nitrobenzene-d5
Concen: 92.549 ng
RT: 9.34 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039561.D
Acq: 19 Feb 2019 19:03

Tgt Ion: 82 Resp: 289616

Ion	Ratio	Lower	Upper
82	100		
128	44.8	31.3	46.9
54	59.2	50.9	76.3



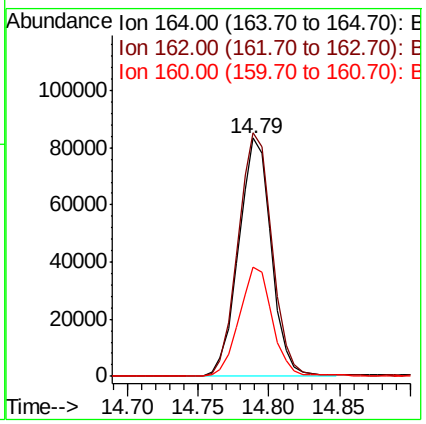


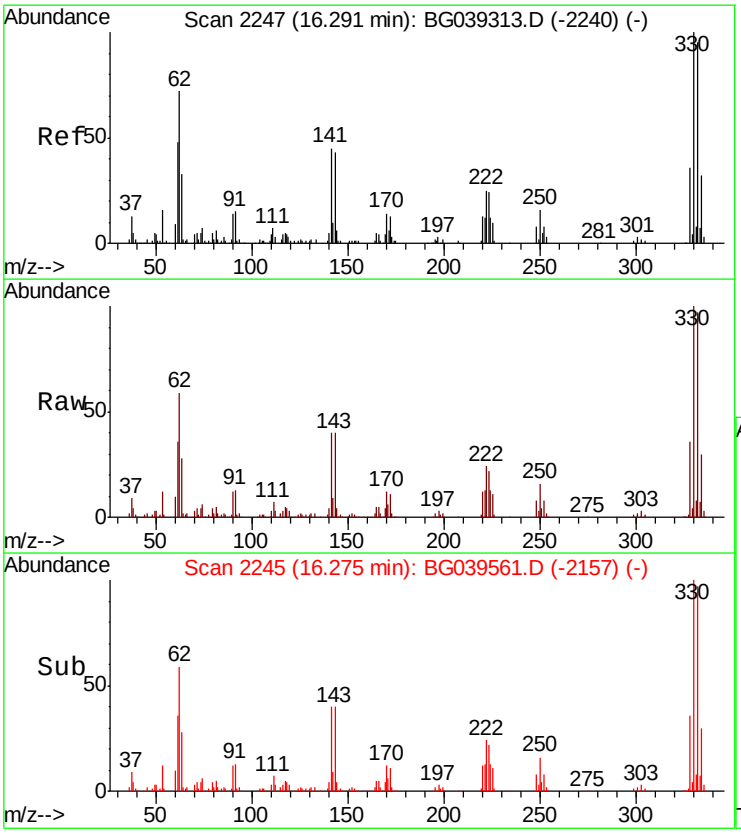
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.02 min
Lab File: BG039561.D
Acq: 19 Feb 2019 19:03

Instrument :
BNA_G
ClientSampleId :
PB117212TB

Tgt Ion:164 Resp: 134918

Ion	Ratio	Lower	Upper
164	100		
162	102.1	81.6	122.4
160	46.0	34.2	51.2

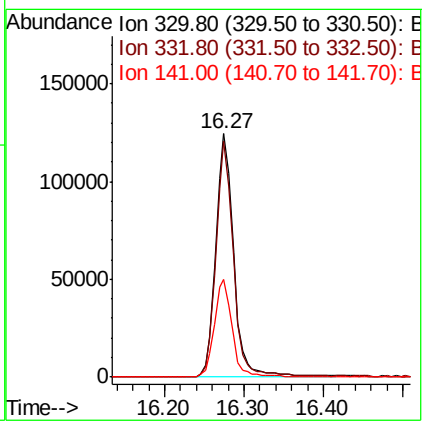


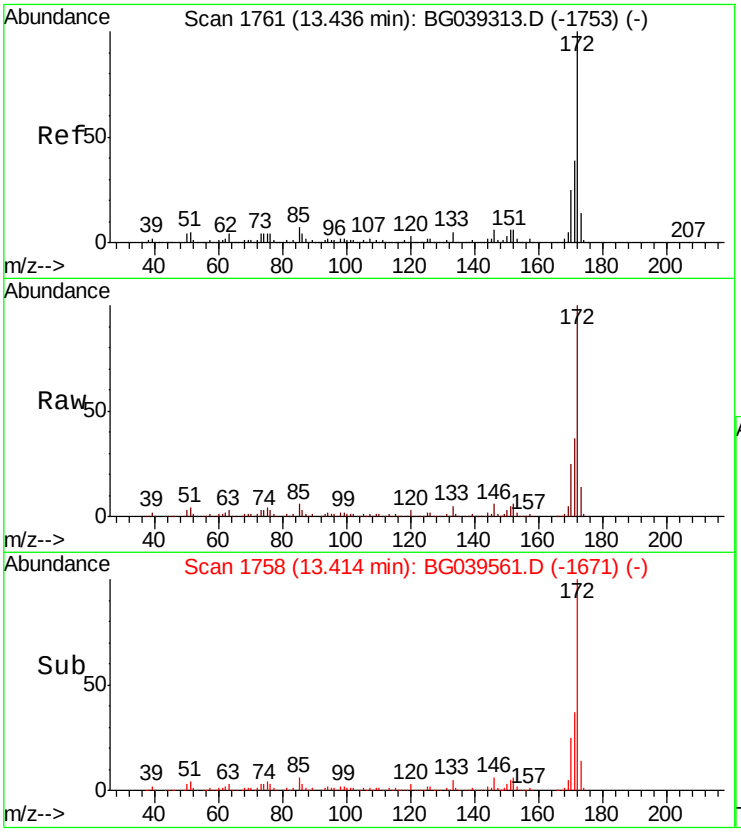


#42
2,4,6-Tribromophenol
Concen: 135.007 ng
RT: 16.27 min Scan# 2245
Delta R.T. -0.02 min
Lab File: BG039561.D
Acq: 19 Feb 2019 19:03

Tgt Ion:330 Resp: 196143

Ion	Ratio	Lower	Upper
330	100		
332	93.9	75.7	113.5
141	39.4	35.6	53.4



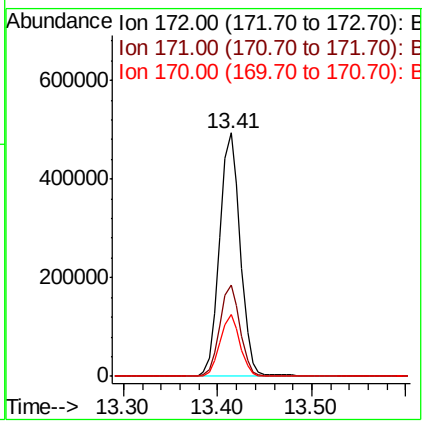


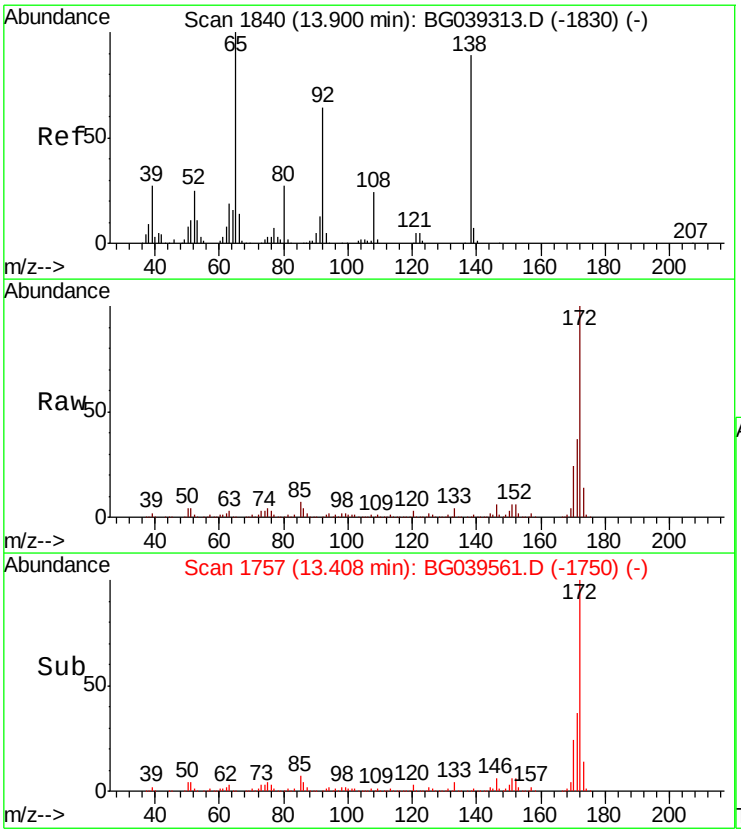
#45
2-Fluorobiphenyl
Concen: 80.952 ng
RT: 13.41 min Scan# 1758
Delta R.T. -0.02 min
Lab File: BG039561.D
Acq: 19 Feb 2019 19:03

Instrument :
BNA_G
ClientSampleId :
PB117212TB

Tgt Ion:172 Resp: 761349

Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.8	46.2
170	25.4	20.2	30.4

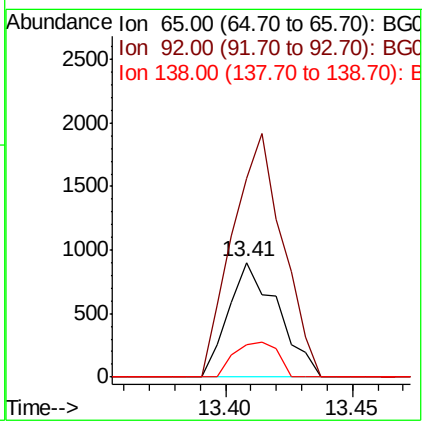


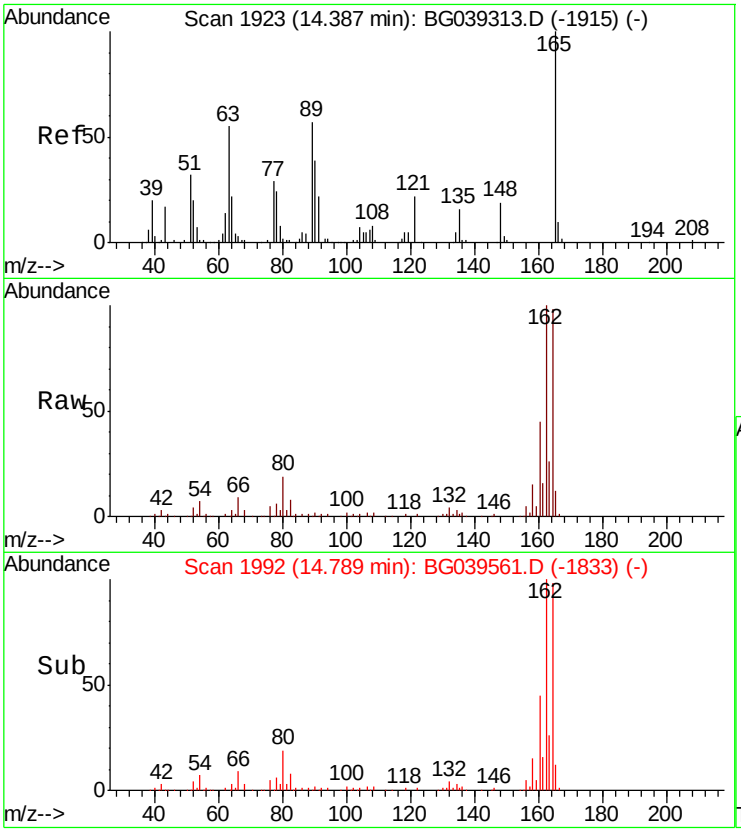


#48
2-Nitroaniline
Concen: 8.714 ng
RT: 13.41 min Scan# 1757
Delta R.T. -0.49 min
Lab File: BG039561.D
Acq: 19 Feb 2019 19:03

Tgt Ion: 65 Resp: 1225

Ion	Ratio	Lower	Upper
65	100		
92	174.1	51.4	77.2#
138	28.3	71.4	107.2#



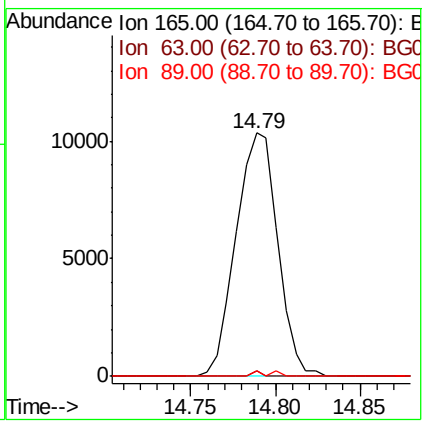


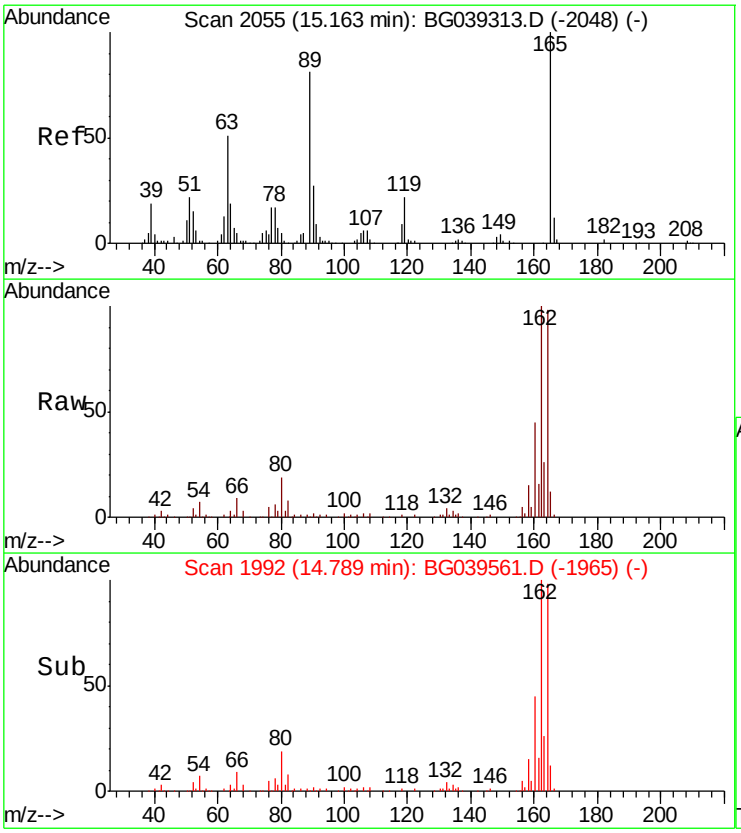
#51
2,6-Dinitrotoluene
Concen: 14.086 ng
RT: 14.79 min Scan# 1992
Delta R.T. 0.40 min
Lab File: BG039561.D
Acq: 19 Feb 2019 19:03

Instrument :
BNA_G
ClientSampleId :
PB117212TB

Tgt Ion:165 Resp: 17755

Ion	Ratio	Lower	Upper
165	100		
63	2.1	47.0	70.6#
89	2.2	45.8	68.8#

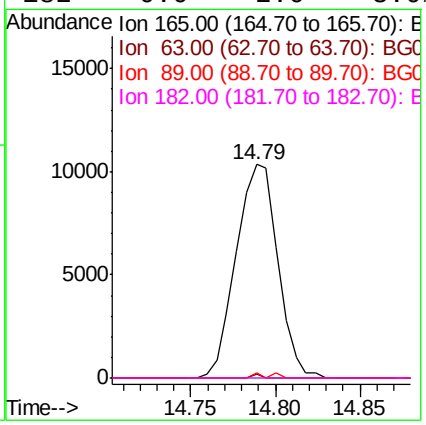


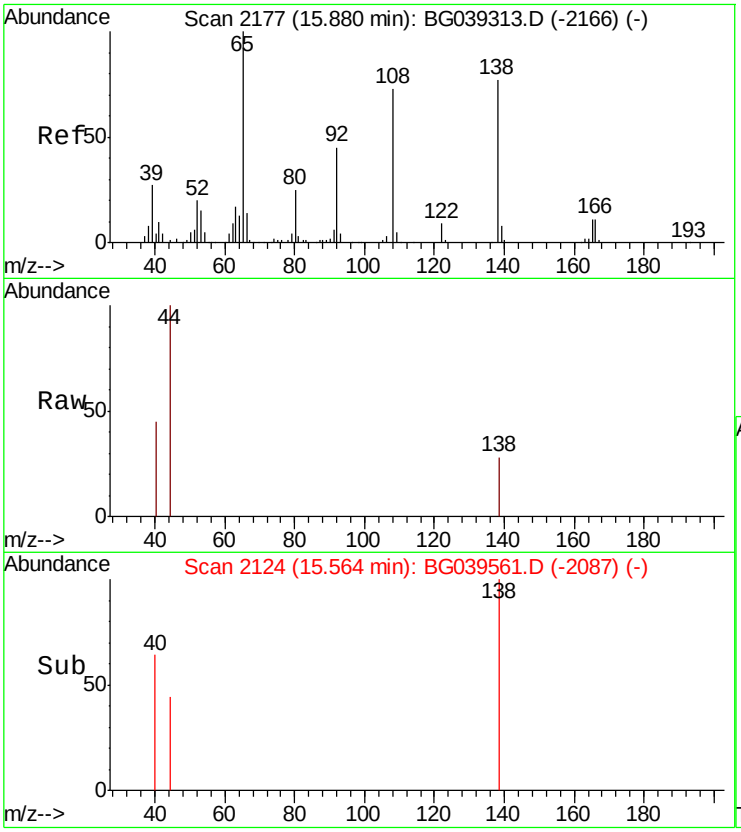


#57
2,4-Dinitrotoluene
Concen: 13.522 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.37 min
Lab File: BG039561.D
Acq: 19 Feb 2019 19:03

Tgt Ion:165 Resp: 17755

Ion	Ratio	Lower	Upper
165	100		
63	2.1	41.0	61.6#
89	2.2	64.6	96.8#
182	0.0	2.0	3.0#



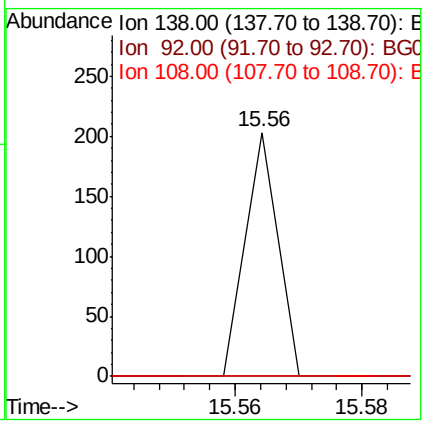


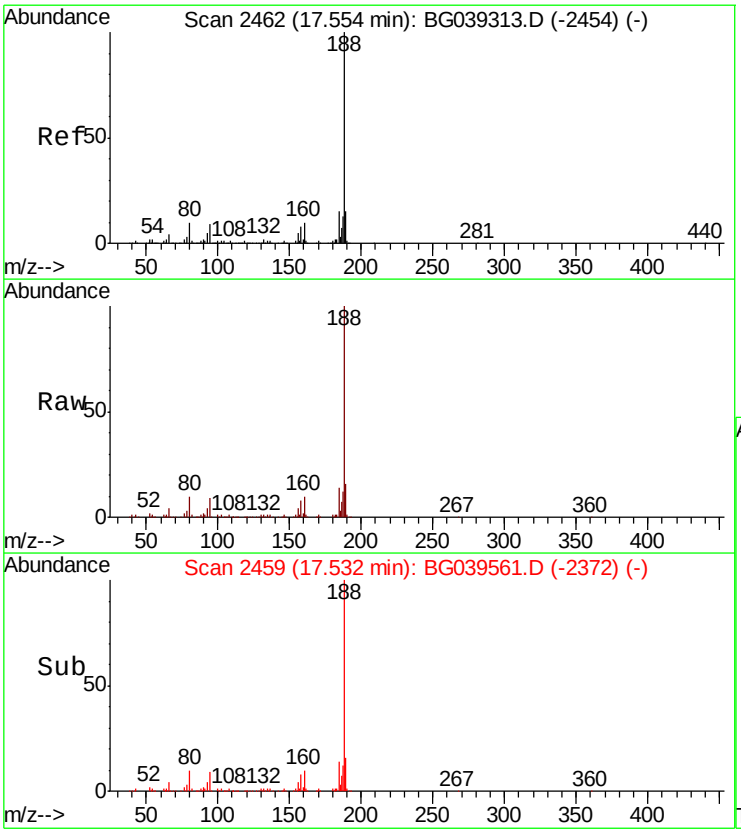
#62
4-Nitroaniline
Concen: 4.231 ng
RT: 15.56 min Scan# 2124
Delta R.T. -0.31 min
Lab File: BG039561.D
Acq: 19 Feb 2019 19:03

Instrument :
BNA_G
ClientSampleId :
PB117212TB

Tgt Ion:138 Resp: 72

Ion	Ratio	Lower	Upper
138	100		
92	0.0	38.7	78.7#
108	0.0	74.6	114.6#

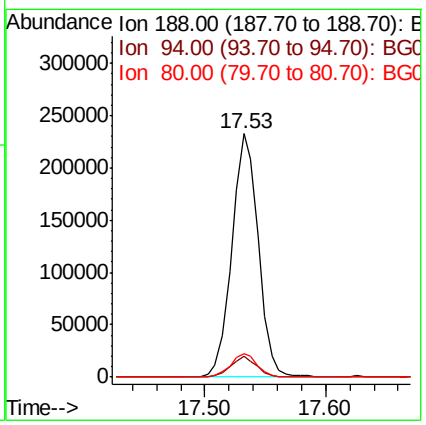


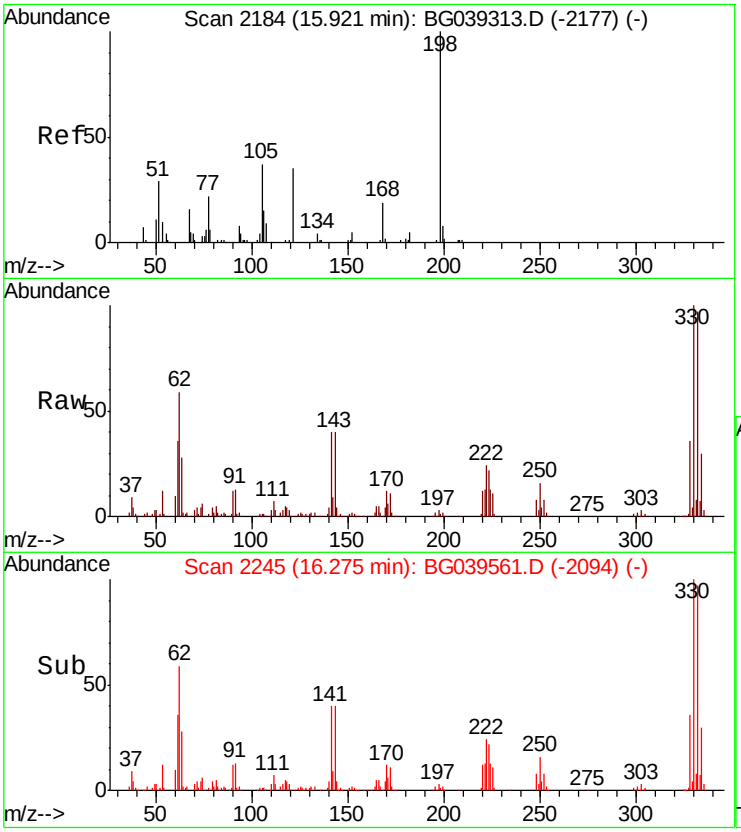


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2459
Delta R.T. -0.02 min
Lab File: BG039561.D
Acq: 19 Feb 2019 19:03

Tgt Ion:188 Resp: 354620

Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.9	10.3
80	9.6	8.1	12.1



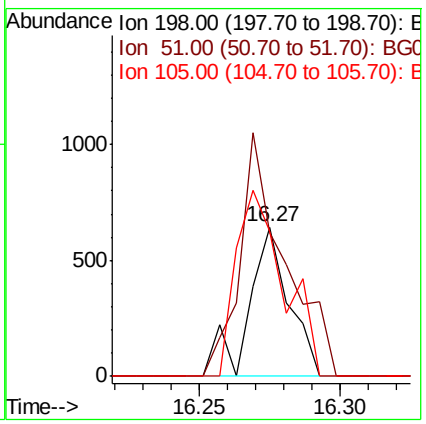


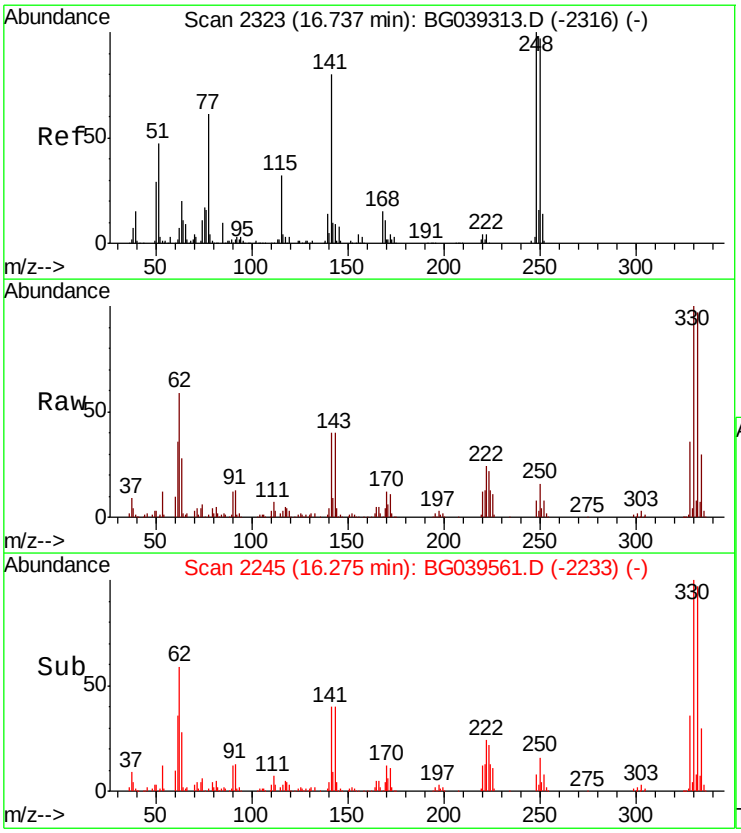
#65
4,6-Dinitro-2-methylphenol
Concen: 4.749 ng
RT: 16.27 min Scan# 2245
Delta R.T. 0.35 min
Lab File: BG039561.D
Acq: 19 Feb 2019 19:03

Instrument :
BNA_G
ClientSampleId :
PB117212TB

Tgt Ion:198 Resp: 635

Ion	Ratio	Lower	Upper
198	100		
51	96.4	27.4	67.4#
105	97.1	19.7	59.7#

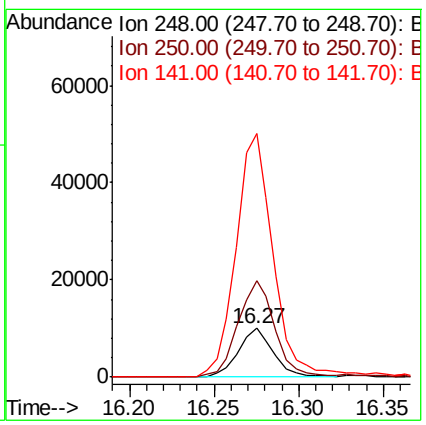


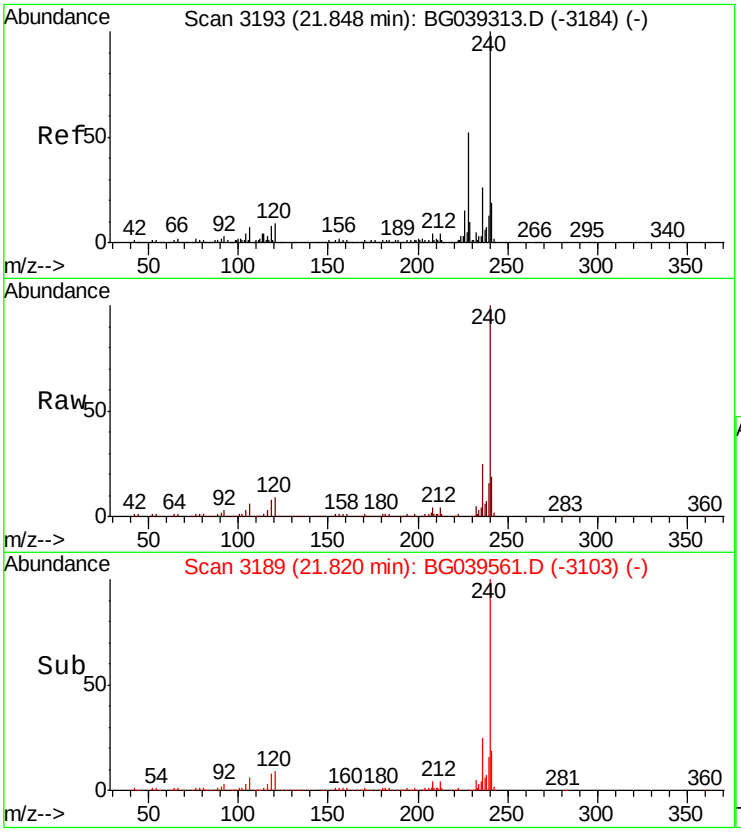


#67
4-Bromophenyl-phenylether
Concen: 3.694 ng
RT: 16.27 min Scan# 2245
Delta R.T. -0.46 min
Lab File: BG039561.D
Acq: 19 Feb 2019 19:03

Tgt Ion:248 Resp: 14531

Ion	Ratio	Lower	Upper
248	100		
250	196.4	77.6	116.4#
141	498.6	63.9	95.9#



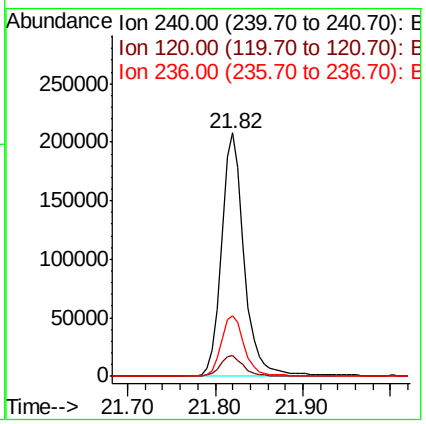


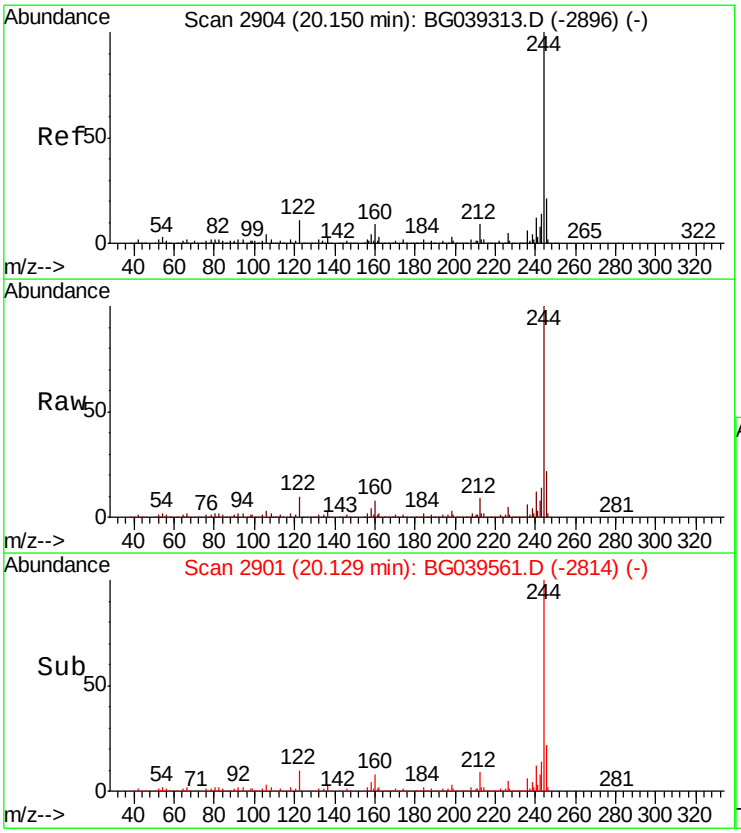
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.82 min Scan# 3189
Delta R.T. -0.03 min
Lab File: BG039561.D
Acq: 19 Feb 2019 19:03

Instrument :
BNA_G
ClientSampleId :
PB117212TB

Tgt Ion:240 Resp: 370332

Ion	Ratio	Lower	Upper
240	100		
120	8.5	7.0	10.6
236	25.1	21.0	31.4

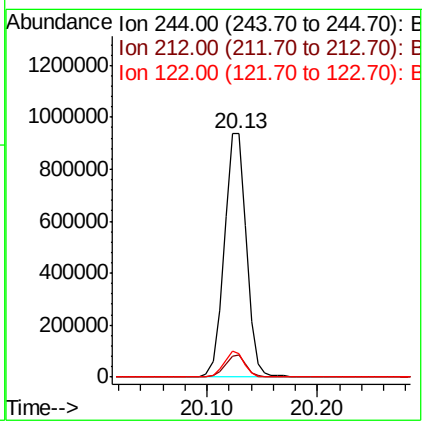


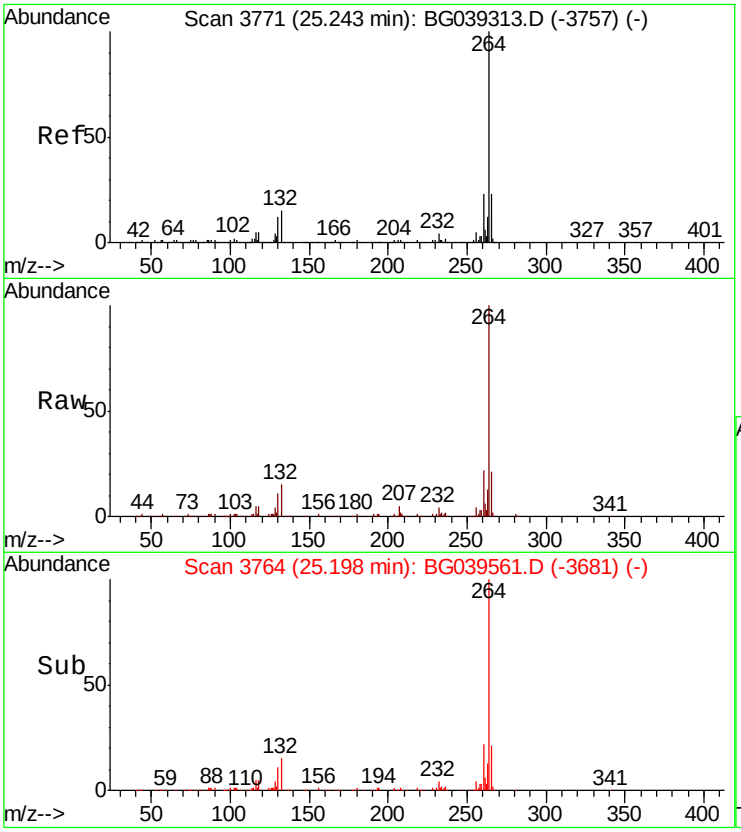


#79
Terphenyl-d14
Concen: 75.090 ng
RT: 20.13 min Scan# 2901
Delta R.T. -0.02 min
Lab File: BG039561.D
Acq: 19 Feb 2019 19:03

Tgt Ion:244 Resp: 1313754

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.3	10.9
122	9.6	8.4	12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.20 min Scan# 3764
Delta R.T. -0.05 min
Lab File: BG039561.D
Acq: 19 Feb 2019 19:03

Instrument :
BNA_G
ClientSampleId :
PB117212TB

Tgt Ion:264 Resp: 311372

Ion	Ratio	Lower	Upper
264	100		
260	21.6	18.2	27.4
265	20.8	18.5	27.7