Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021319\
Data File : BG039492.D
Acq On : 13 Feb 2019 17:19
Operator : JU/SJ
Sample : PB117091BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB117091BL

Quant Time: Feb 14 02:48:04 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	44136	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	197810	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	148707	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	391842	20.00	ng	-0.02
76) Chrysene-d12	21.83	240	425272	20.00	ng	-0.02
87) Perylene-d12	25.22	264	414918	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	284993	110.51	ng	0.00
7) Phenol-d6	7.31	99	423074	111.46	ng	-0.01
23) Nitrobenzene-d5	9.35	82	237879	75.13	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	156993	98.04	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	650083	62.71	ng	-0.02
79) Terphenyl-d14	20.13	244	1186909	59.08	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	7.31	77	677	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	9.35	70	31106	11.546	ng	# 70
48) 2-Nitroaniline	13.42	65	888	8.571	ng	# 2
51) 2,6-Dinitrotoluene	14.80	165	18712	13.756	ng	# 25
53) 3-Nitroaniline	14.90	138	61	5.815	ng	# 1
57) 2,4-Dinitrotoluene	14.80	165	18712	13.272	ng	# 20
65) 4,6-Dinitro-2-methylphenol	16.28	198	454	4.545	ng	# 1
67) 4-Bromophenyl-phenylether	16.28	248	11834	2.722	ng	# 1

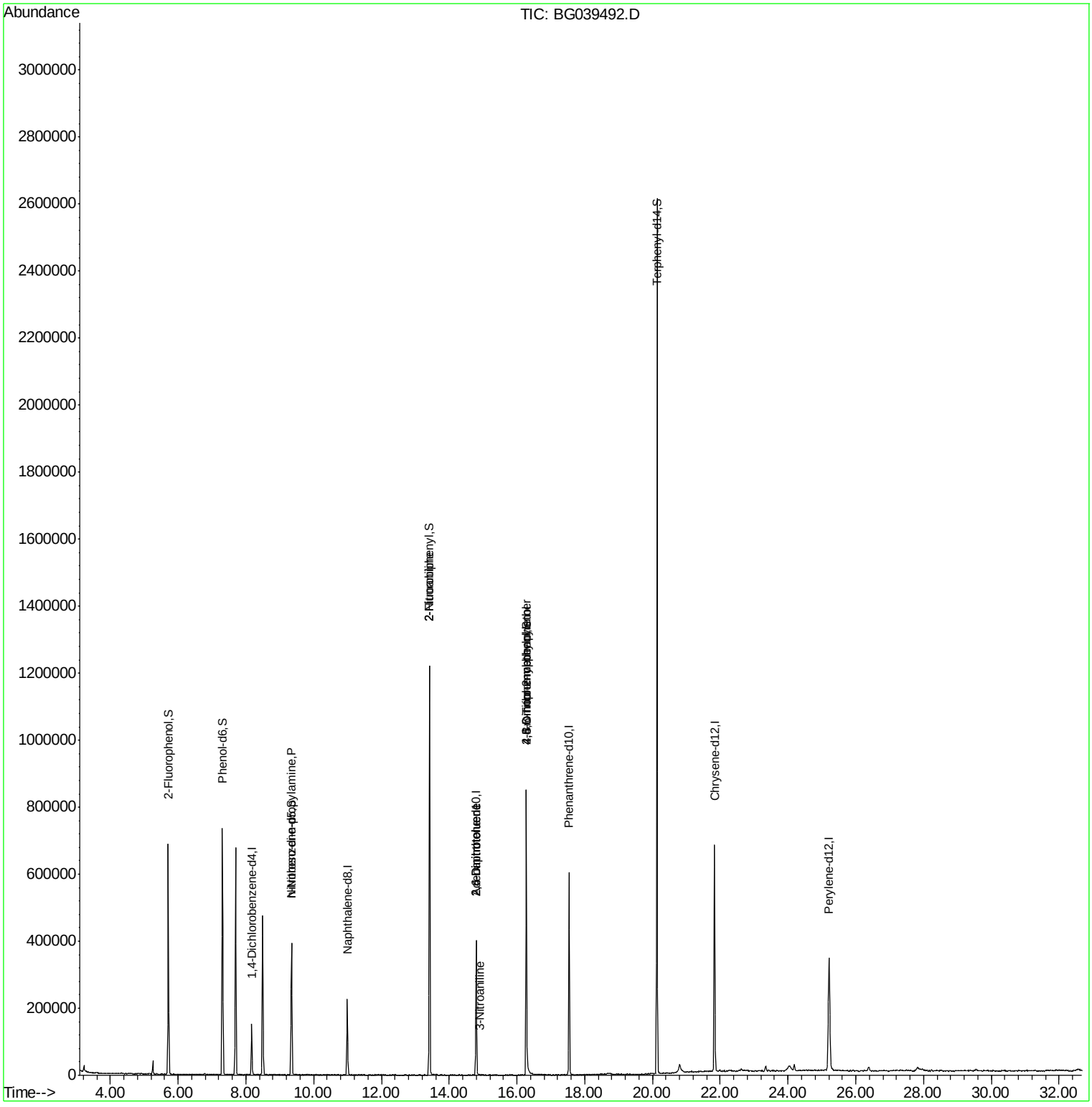
(#) = qualifier out of range (m) = manual integration (+) = signals summed

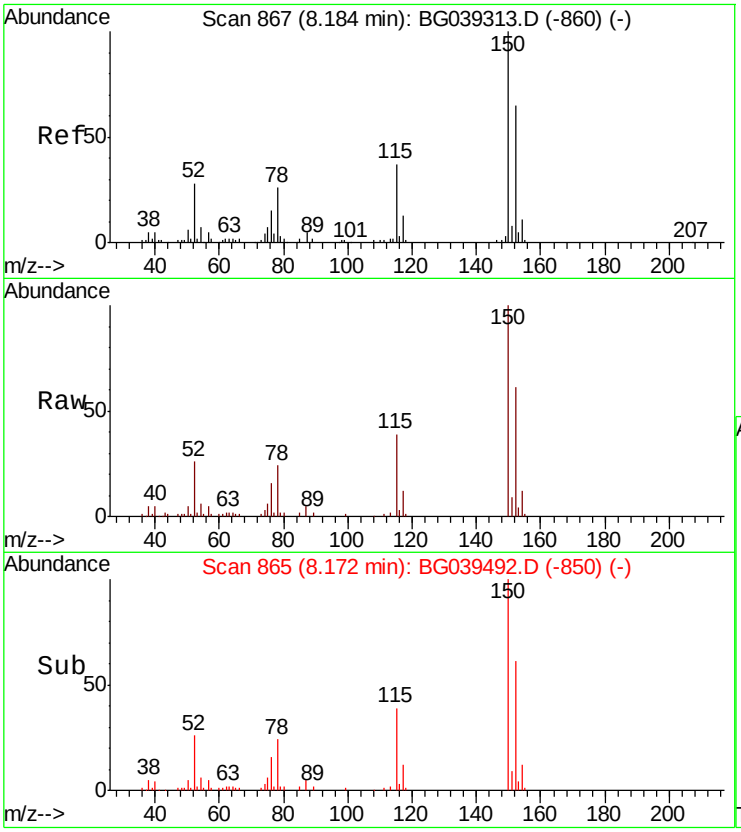
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021319\
Data File : BG039492.D
Acq On : 13 Feb 2019 17:19
Operator : JU/SJ
Sample : PB117091BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB117091BL

Quant Time: Feb 14 02:48:04 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



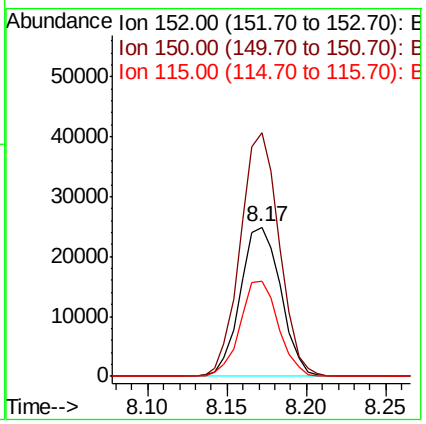


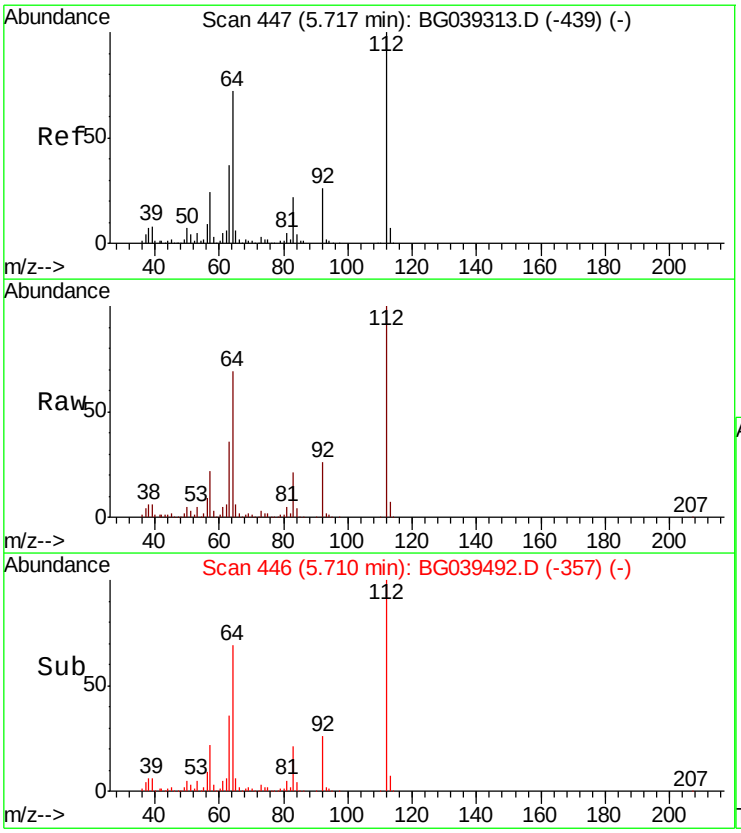
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039492.D
Acq: 13 Feb 2019 17:19

Instrument :
BNA_G
ClientSampleId :
PB117091BL

Tgt Ion:152 Resp: 44136

Ion	Ratio	Lower	Upper
152	100		
150	163.3	123.7	185.5
115	63.7	45.9	68.9

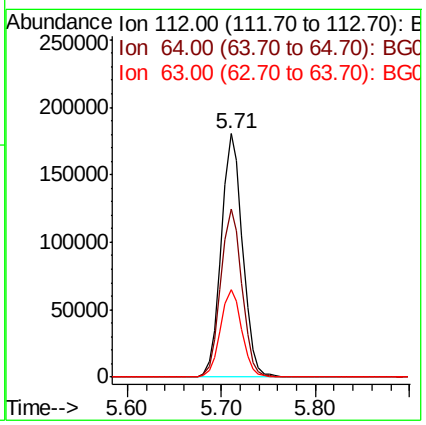


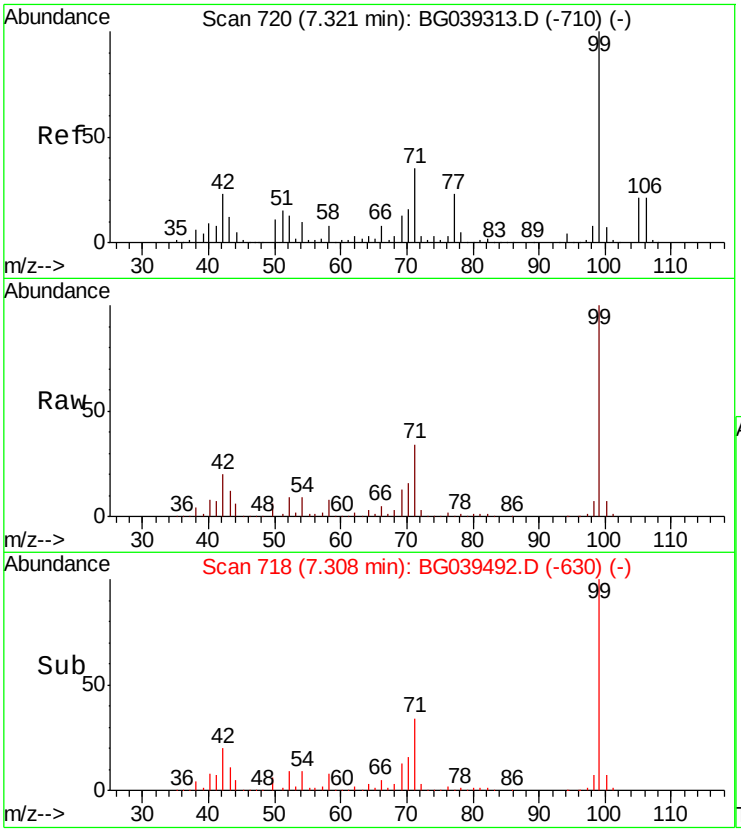


#5
2-Fluorophenol
Concen: 110.515 ng
RT: 5.71 min Scan# 446
Delta R.T. -0.01 min
Lab File: BG039492.D
Acq: 13 Feb 2019 17:19

Tgt Ion:112 Resp: 284993

Ion	Ratio	Lower	Upper
112	100		
64	69.2	57.8	86.8
63	36.1	29.8	44.6



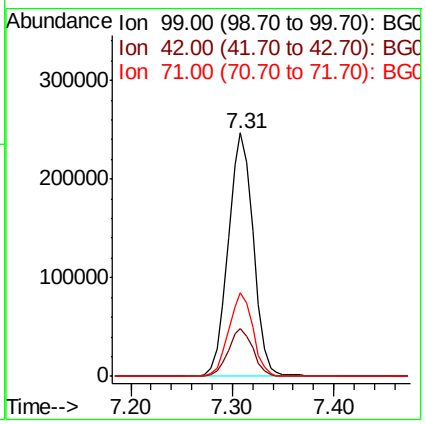


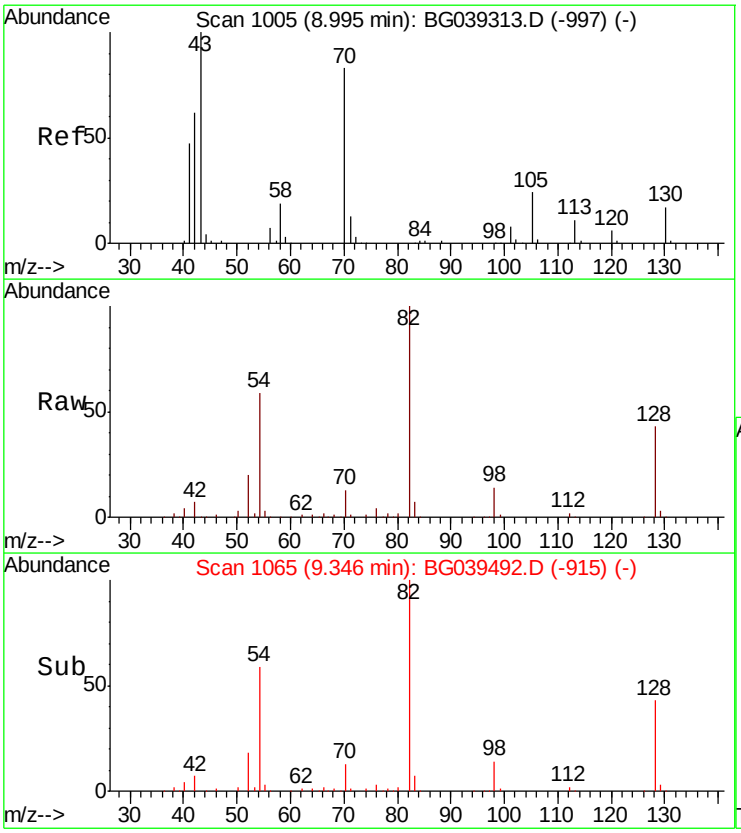
#7
Phenol-d6
Concen: 111.456 ng
RT: 7.31 min Scan# 718
Delta R.T. -0.01 min
Lab File: BG039492.D
Acq: 13 Feb 2019 17:19

Instrument :
BNA_G
ClientSampleId :
PB117091BL

Tgt Ion: 99 Resp: 423074

Ion	Ratio	Lower	Upper
99	100		
42	19.8	18.2	27.2
71	34.4	28.0	42.0

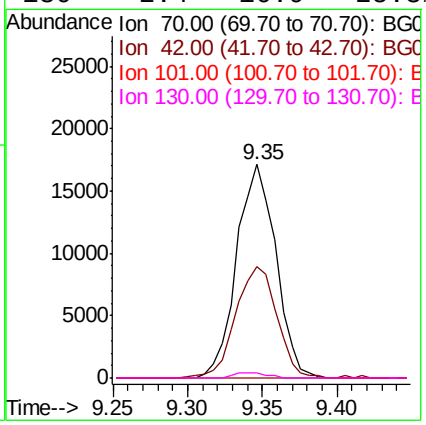


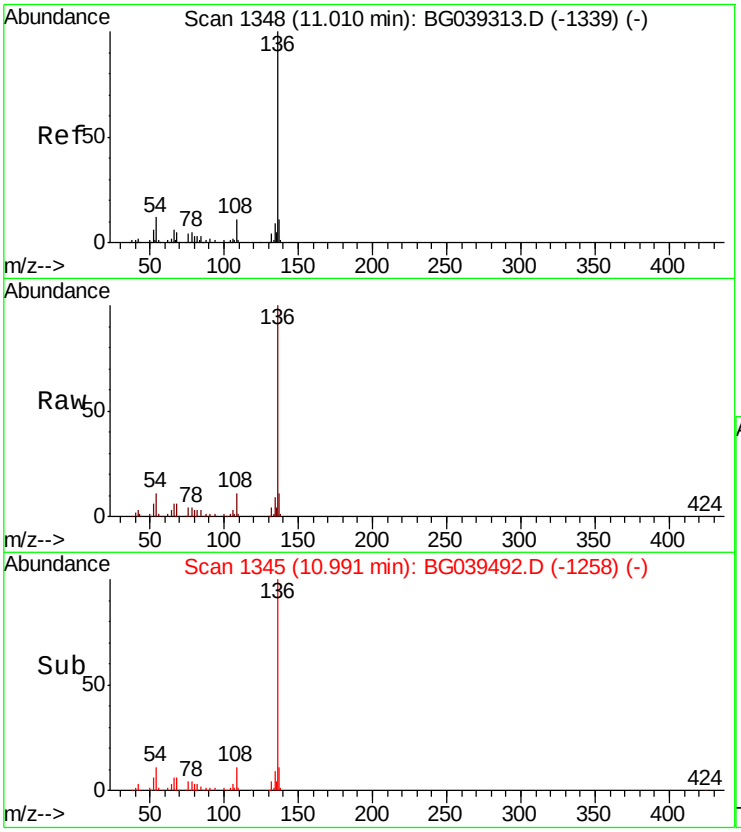


#19
n-Nitroso-di-n-propylamine
Concen: 11.546 ng
RT: 9.35 min Scan# 1065
Delta R.T. 0.35 min
Lab File: BG039492.D
Acq: 13 Feb 2019 17:19

Tgt Ion: 70 Resp: 31106

Ion	Ratio	Lower	Upper
70	100		
42	52.1	60.4	90.6#
101	0.0	7.5	11.3#
130	2.4	16.9	25.3#



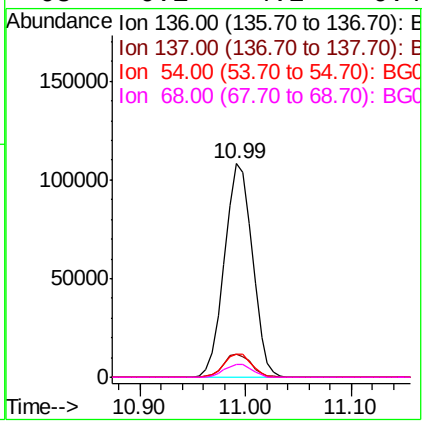


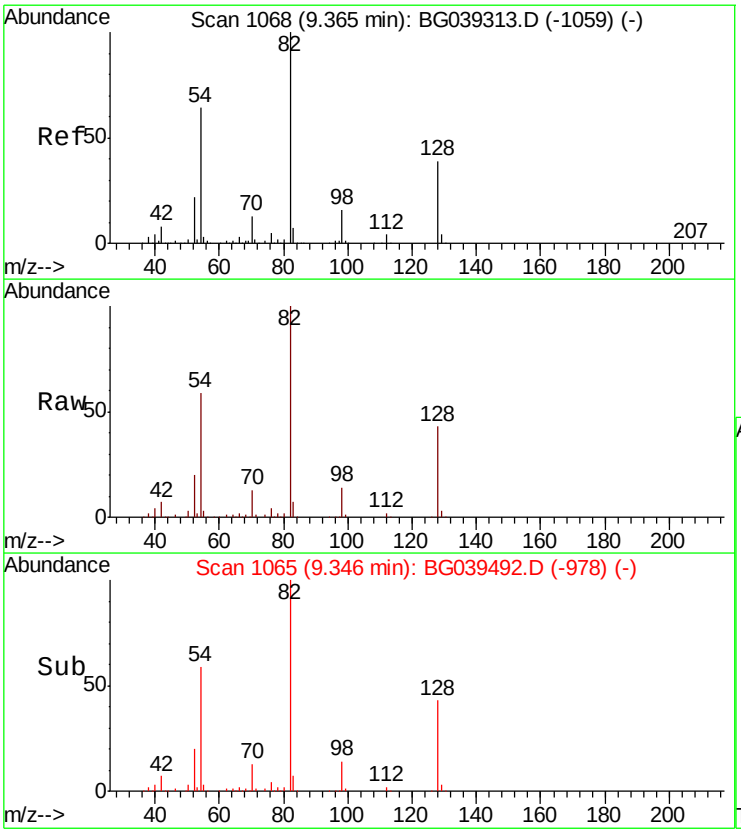
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.02 min
Lab File: BG039492.D
Acq: 13 Feb 2019 17:19

Instrument :
BNA_G
ClientSampleId :
PB117091BL

Tgt Ion:136 Resp: 197810

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	10.8	9.4	14.2
68	6.1	4.2	6.4

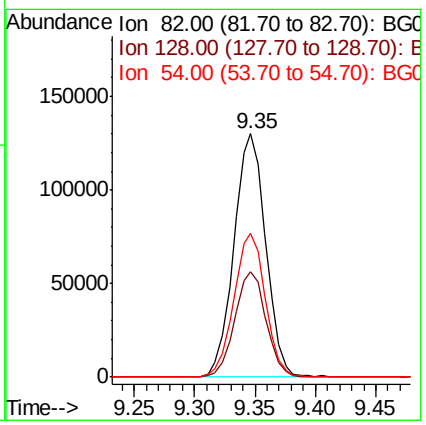


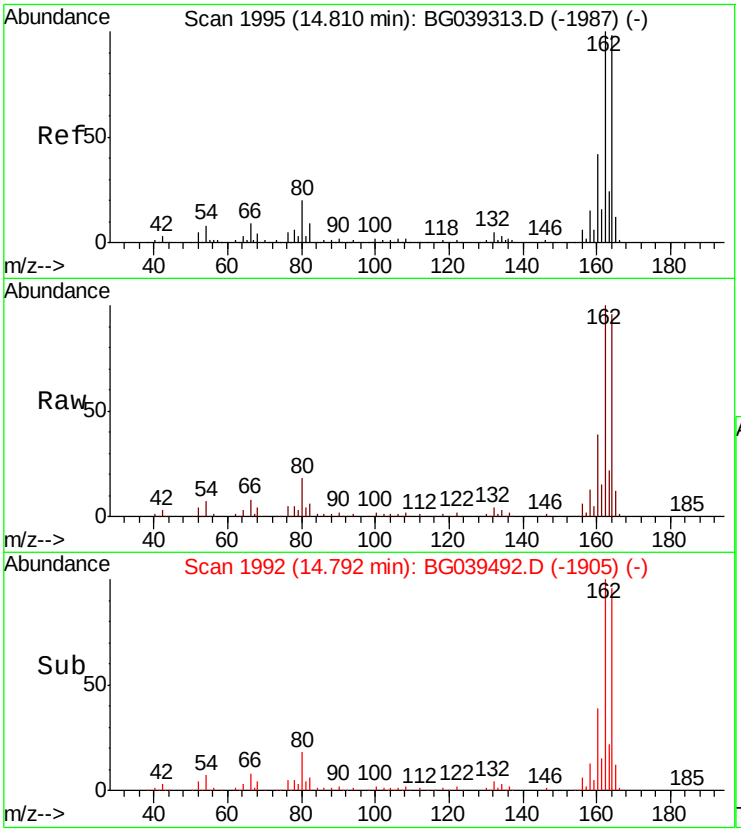


#23
Nitrobenzene-d5
Concen: 75.126 ng
RT: 9.35 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039492.D
Acq: 13 Feb 2019 17:19

Tgt Ion: 82 Resp: 237879

Ion	Ratio	Lower	Upper
82	100		
128	43.3	31.3	46.9
54	58.9	50.9	76.3



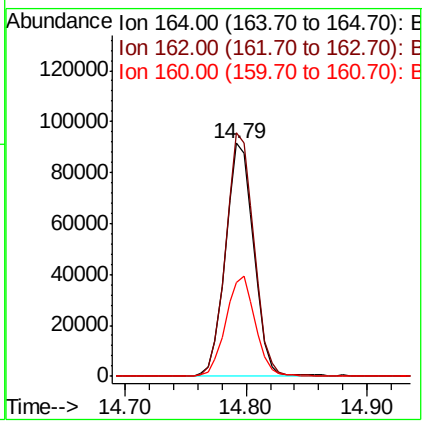


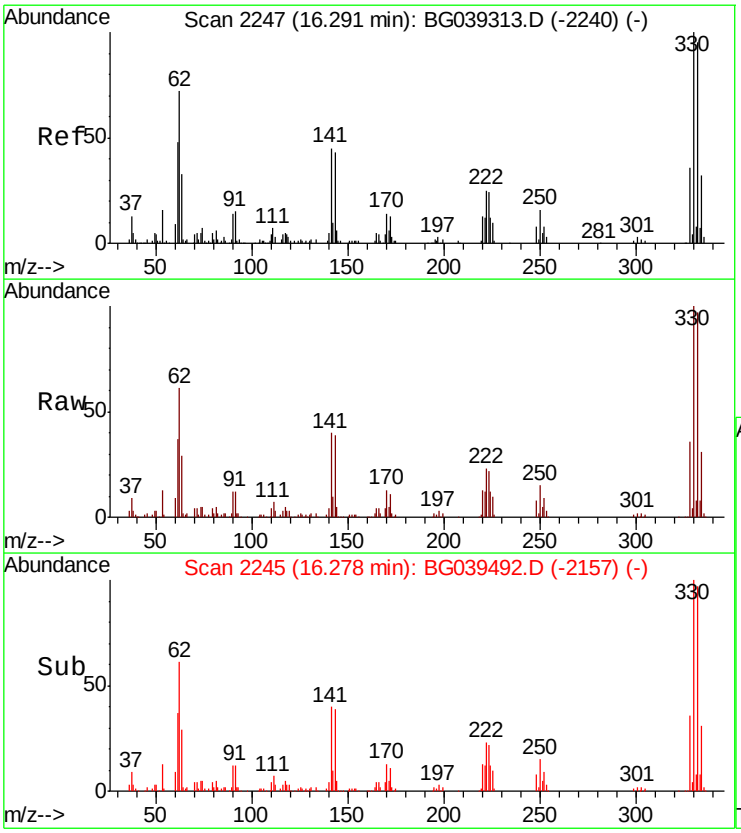
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.02 min
Lab File: BG039492.D
Acq: 13 Feb 2019 17:19

Instrument :
BNA_G
ClientSampleId :
PB117091BL

Tgt Ion:164 Resp: 148707

Ion	Ratio	Lower	Upper
164	100		
162	104.5	81.6	122.4
160	40.5	34.2	51.2

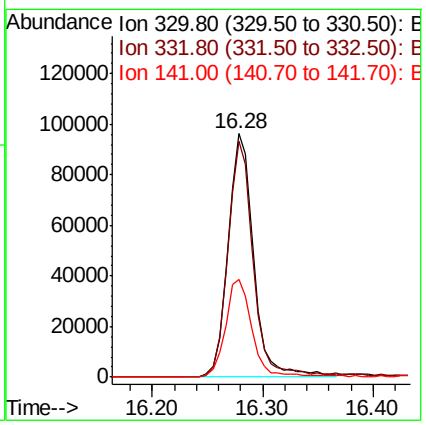


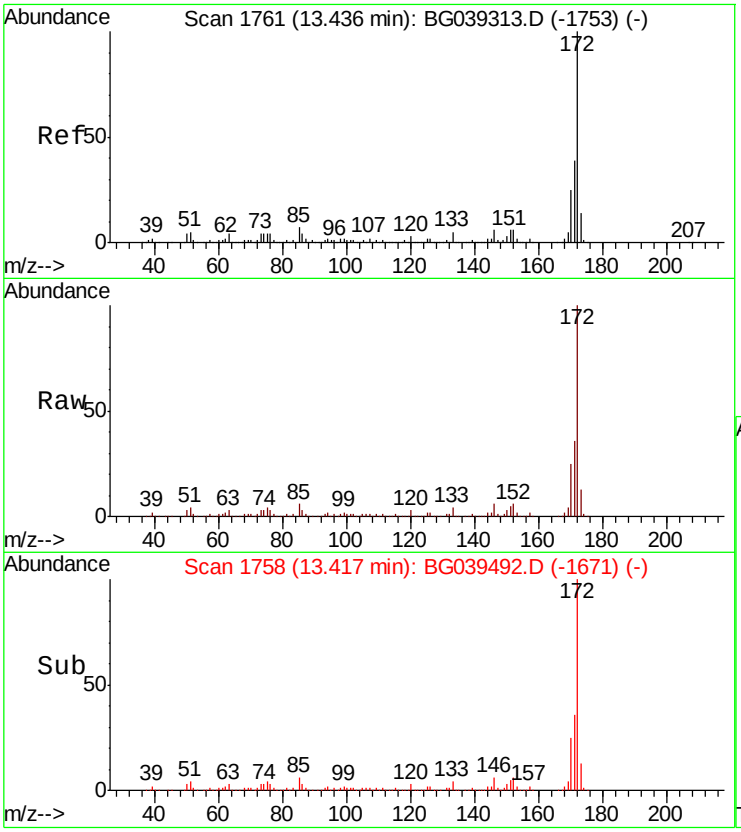


#42
2,4,6-Tribromophenol
Concen: 98.040 ng
RT: 16.28 min Scan# 2245
Delta R.T. -0.01 min
Lab File: BG039492.D
Acq: 13 Feb 2019 17:19

Tgt Ion:330 Resp: 156993

Ion	Ratio	Lower	Upper
330	100		
332	96.8	75.7	113.5
141	40.7	35.6	53.4



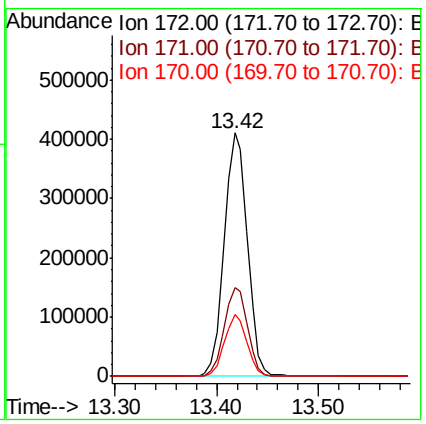


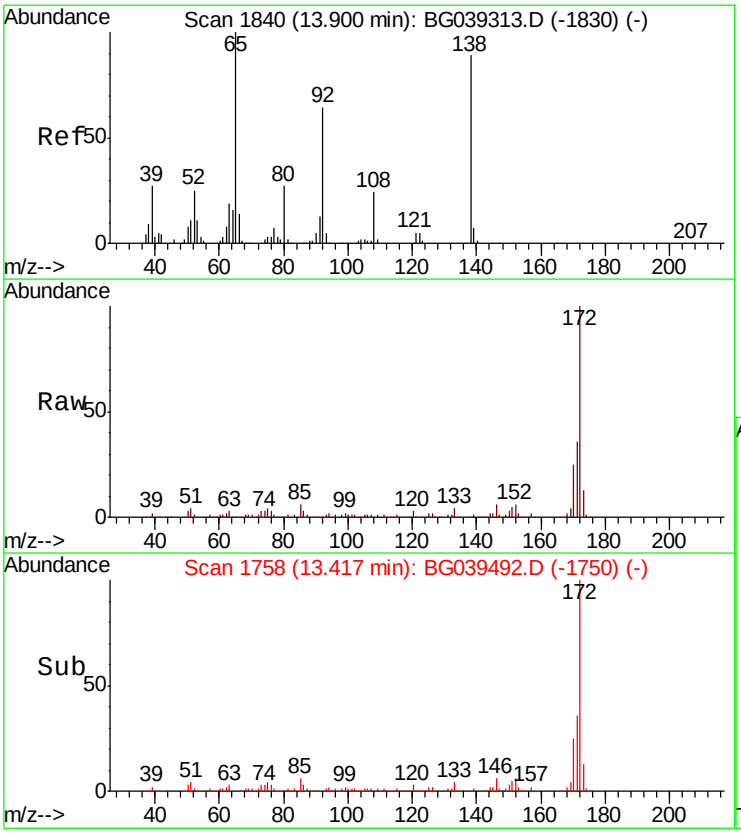
#45
2-Fluorobiphenyl
Concen: 62.712 ng
RT: 13.42 min Scan# 1758
Delta R.T. -0.02 min
Lab File: BG039492.D
Acq: 13 Feb 2019 17:19

Instrument :
BNA_G
ClientSampleId :
PB117091BL

Tgt Ion:172 Resp: 650083

Ion	Ratio	Lower	Upper
172	100		
171	36.3	30.8	46.2
170	25.3	20.2	30.4

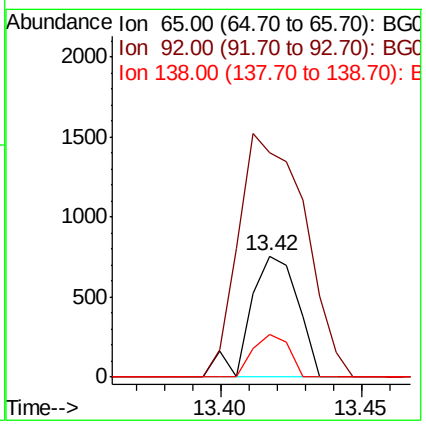


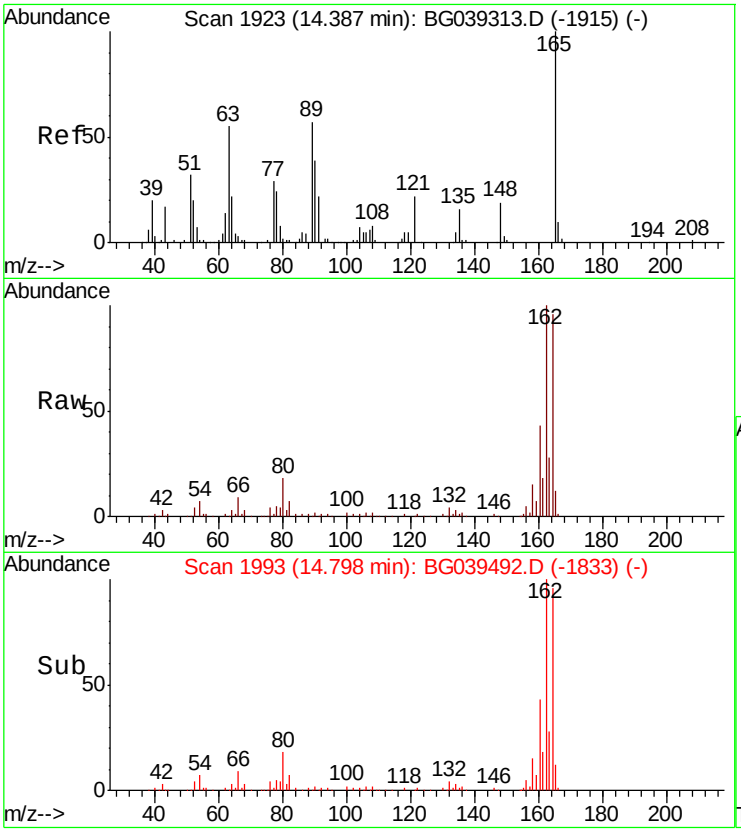


#48
2-Nitroaniline
Concen: 8.571 ng
RT: 13.42 min Scan# 1758
Delta R.T. -0.48 min
Lab File: BG039492.D
Acq: 13 Feb 2019 17:19

Tgt Ion: 65 Resp: 888

Ion	Ratio	Lower	Upper
65	100		
92	185.8	51.4	77.2#
138	35.7	71.4	107.2#



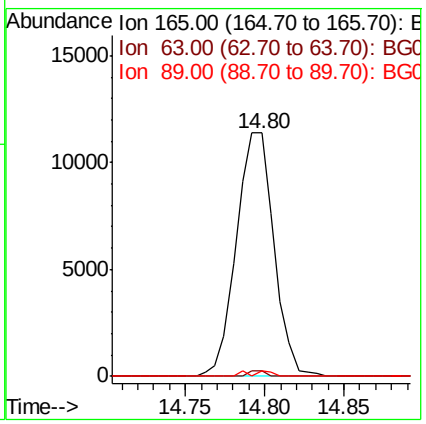


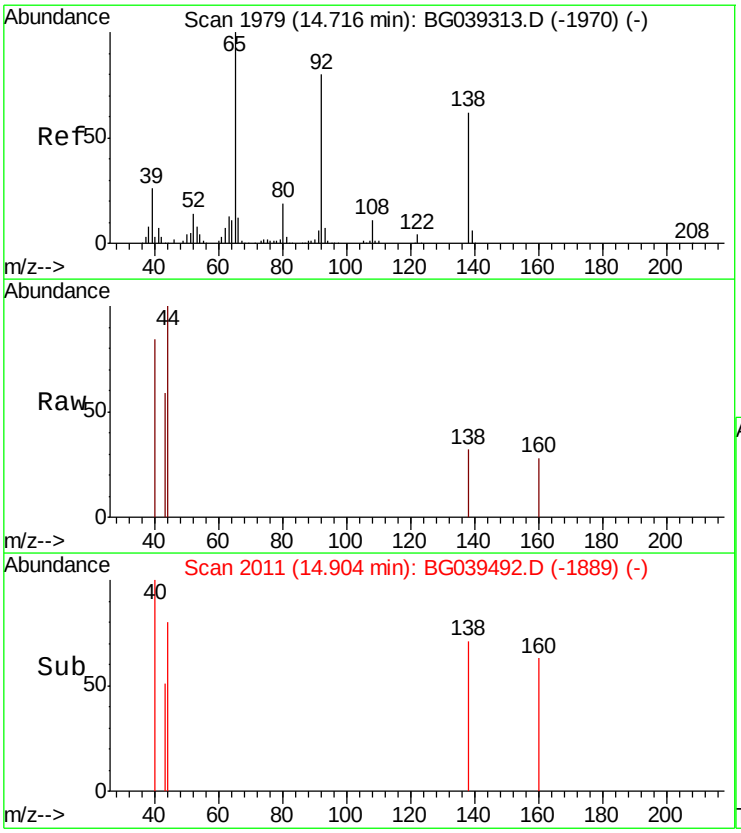
#51
2,6-Dinitrotoluene
Concen: 13.756 ng
RT: 14.80 min Scan# 1993
Delta R.T. 0.41 min
Lab File: BG039492.D
Acq: 13 Feb 2019 17:19

Instrument :
BNA_G
ClientSampleId :
PB117091BL

Tgt Ion:165 Resp: 18712

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

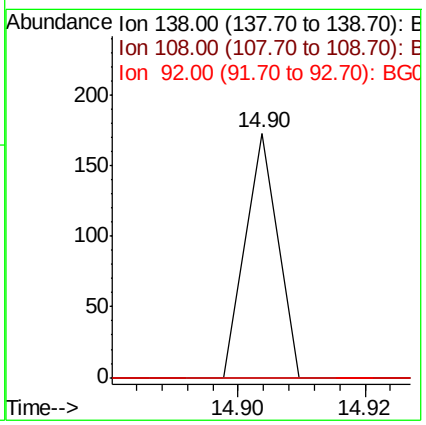


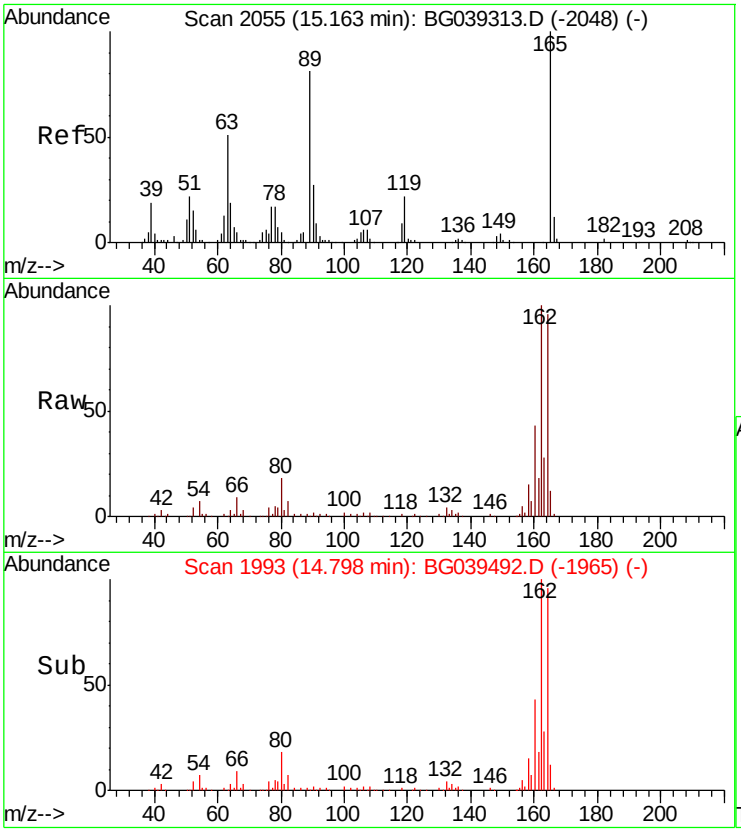


#53
3-Nitroaniline
Concen: 5.815 ng
RT: 14.90 min Scan# 2011
Delta R.T. 0.19 min
Lab File: BG039492.D
Acq: 13 Feb 2019 17:19

Tgt Ion:138 Resp: 61

Ion	Ratio	Lower	Upper
138	100		
108	0.0	13.8	20.8#
92	0.0	103.7	155.5#



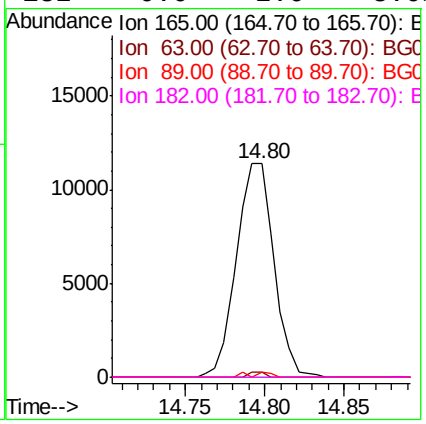


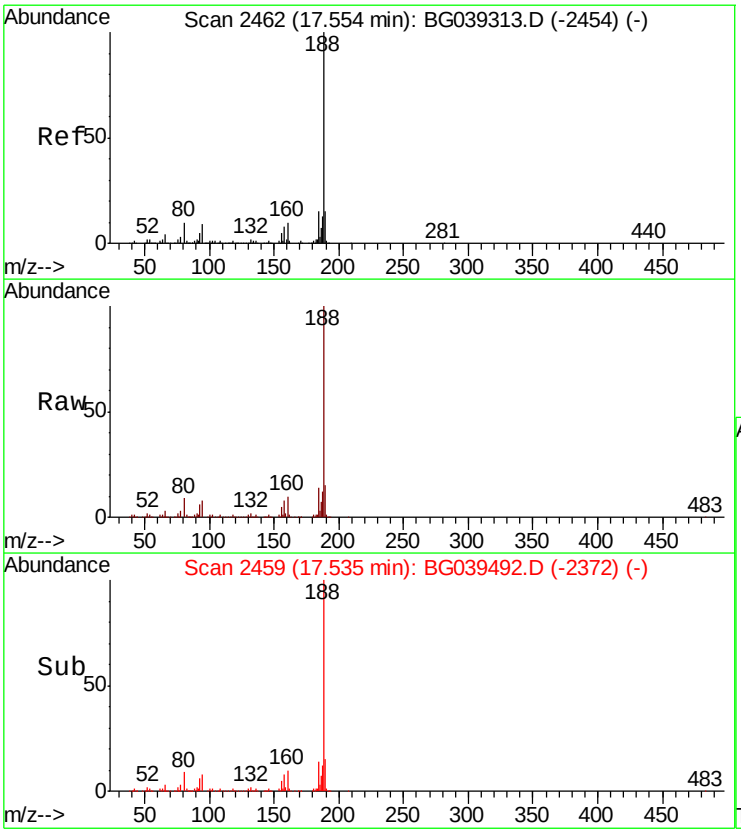
#57
2,4-Dinitrotoluene
Concen: 13.272 ng
RT: 14.80 min Scan# 1993
Delta R.T. -0.36 min
Lab File: BG039492.D
Acq: 13 Feb 2019 17:19

Instrument :
BNA_G
ClientSampleId :
PB117091BL

Tgt Ion:165 Resp: 18712

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

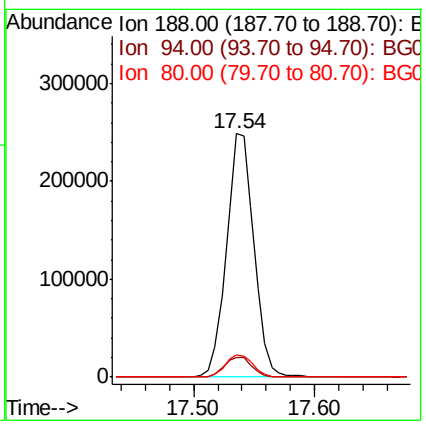


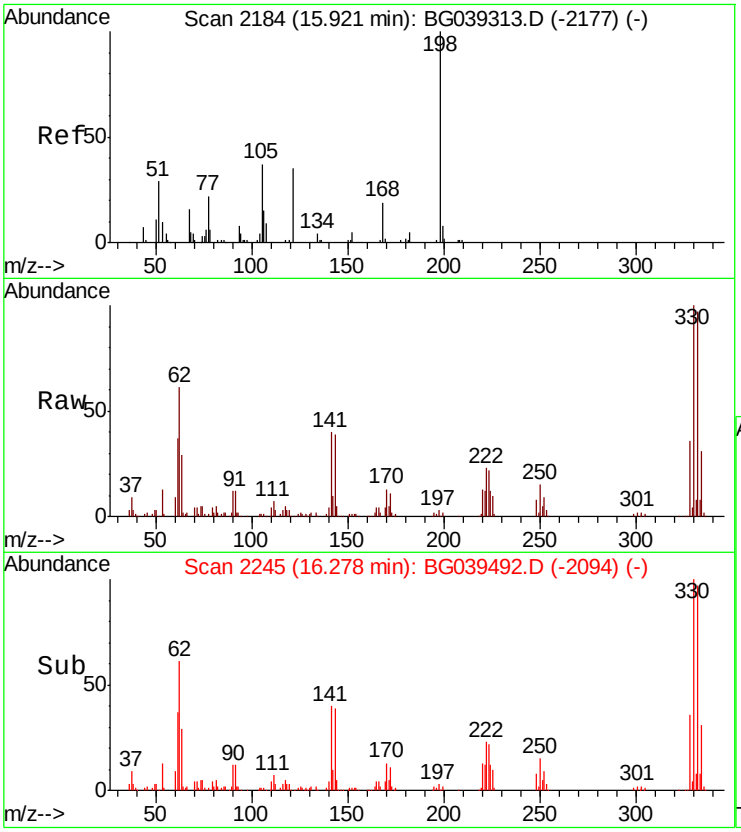


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.54 min Scan# 2459
Delta R.T. -0.02 min
Lab File: BG039492.D
Acq: 13 Feb 2019 17:19

Tgt Ion:188 Resp: 391842

Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.9	10.3
80	9.1	8.1	12.1



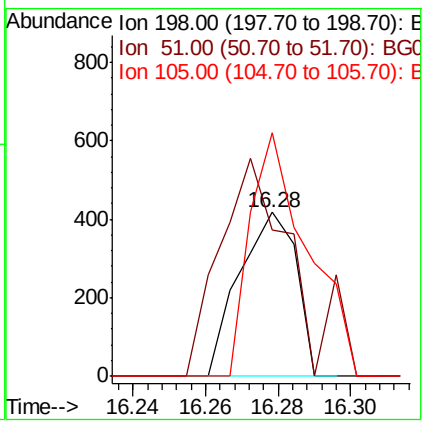


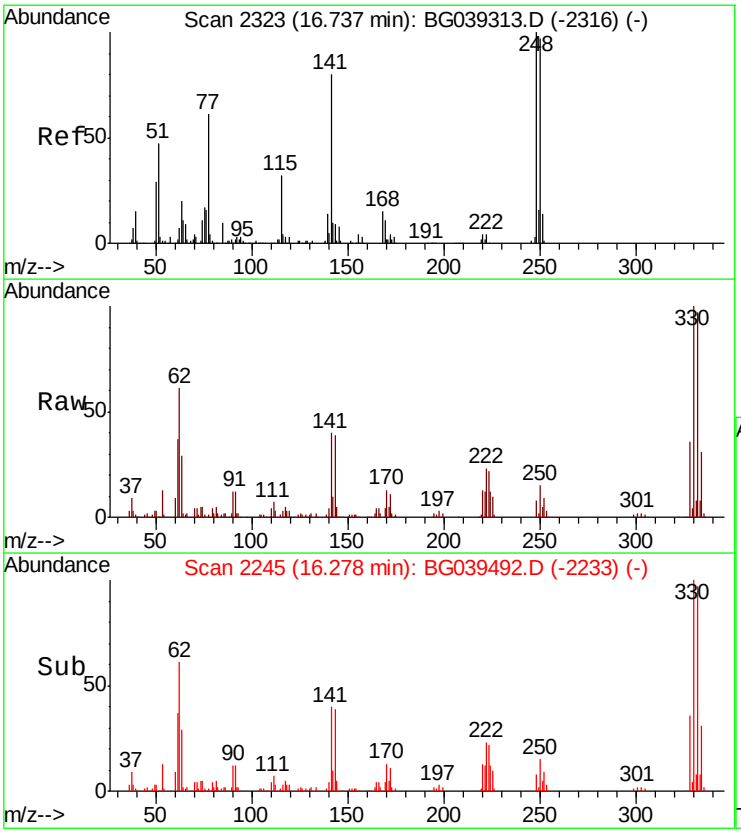
#65
4,6-Dinitro-2-methylphenol
Concen: 4.545 ng
RT: 16.28 min Scan# 2245
Delta R.T. 0.36 min
Lab File: BG039492.D
Acq: 13 Feb 2019 17:19

Instrument :
BNA_G
ClientSampleId :
PB117091BL

Tgt Ion:198 Resp: 454

Ion	Ratio	Lower	Upper
198	100		
51	89.4	27.4	67.4#
105	148.9	19.7	59.7#

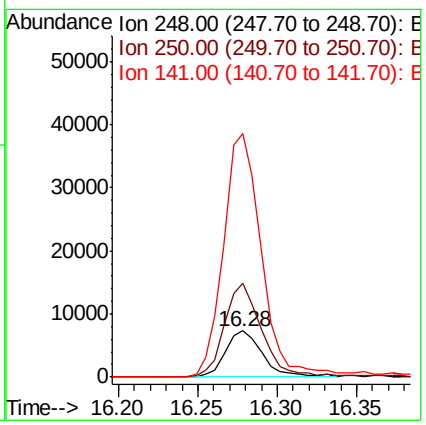


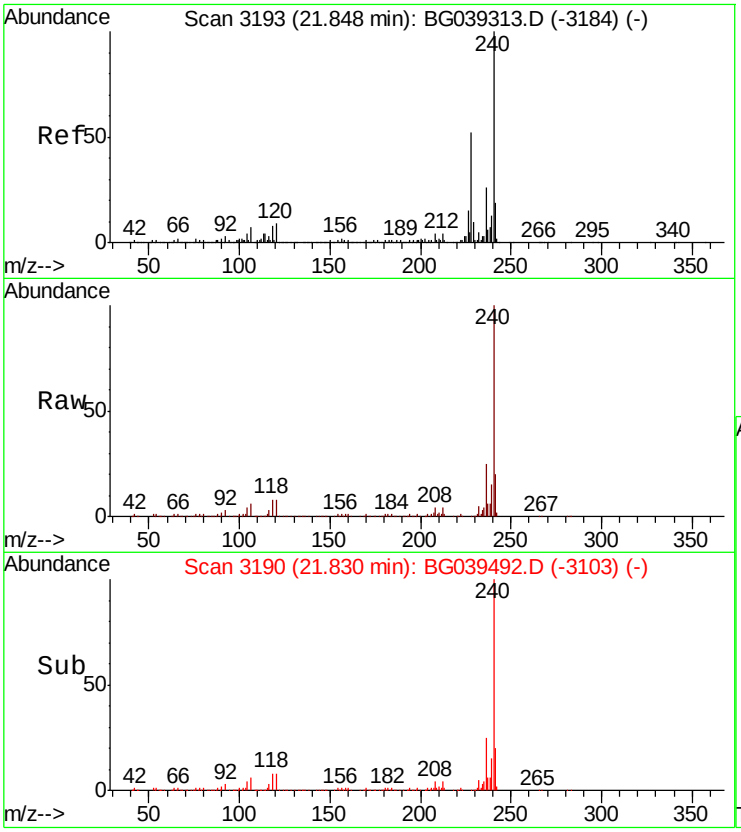


#67
4-Bromophenyl-phenylether
Concen: 2.722 ng
RT: 16.28 min Scan# 2245
Delta R.T. -0.46 min
Lab File: BG039492.D
Acq: 13 Feb 2019 17:19

Tgt Ion:248 Resp: 11834

Ion	Ratio	Lower	Upper
248	100		
250	201.4	77.6	116.4#
141	524.7	63.9	95.9#



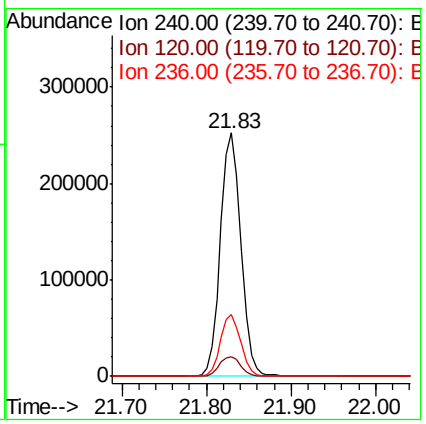


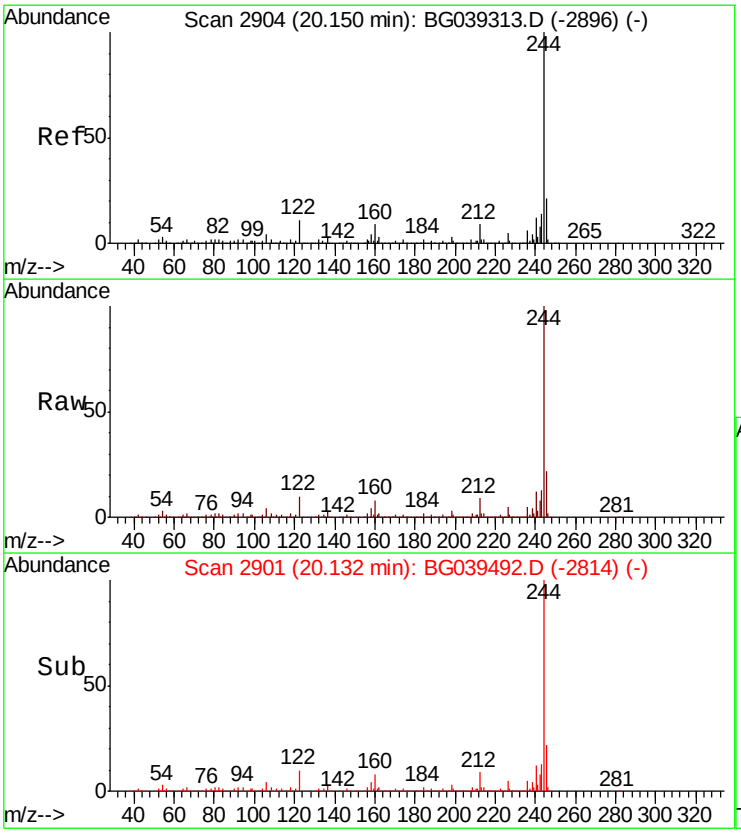
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.83 min Scan# 3190
Delta R.T. -0.02 min
Lab File: BG039492.D
Acq: 13 Feb 2019 17:19

Instrument :
BNA_G
ClientSampleId :
PB117091BL

Tgt Ion:240 Resp: 425272

Ion	Ratio	Lower	Upper
240	100		
120	8.0	7.0	10.6
236	25.3	21.0	31.4

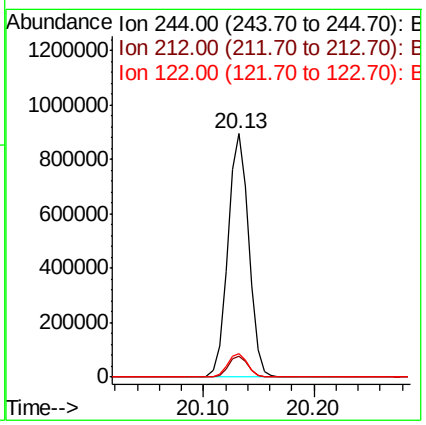


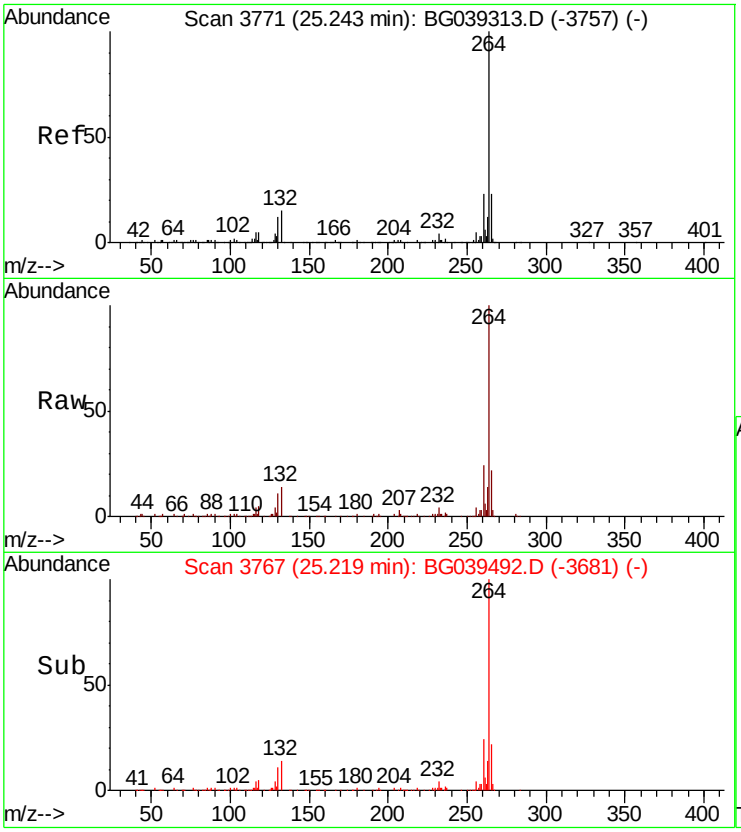


#79
Terphenyl-d14
Concen: 59.076 ng
RT: 20.13 min Scan# 2901
Delta R.T. -0.02 min
Lab File: BG039492.D
Acq: 13 Feb 2019 17:19

Tgt Ion:244 Resp: 1186909

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.3	10.9
122	9.8	8.4	12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.22 min Scan# 3767
Delta R.T. -0.02 min
Lab File: BG039492.D
Acq: 13 Feb 2019 17:19

Instrument :
BNA_G
ClientSampleId :
PB117091BL

Tgt Ion:264 Resp: 414918

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.2	27.4
265	22.0	18.5	27.7