Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020719\
Data File : BG039392.D
Acq On : 7 Feb 2019 21:36
Operator : JU/SJ
Sample : K1392-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-6

Quant Time: Feb 08 09:14:34 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	8.18	152	52483	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	219214	20.00	ng	0.00
39) Acenaphthene-d10	14.80	164	144743	20.00	ng	0.00
64) Phenanthrene-d10	17.55	188	348631	20.00	ng	0.00
76) Chrysene-d12	21.83	240	371163	20.00	ng	-0.01
87) Perylene-d12	25.22	264	374206	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	218341	71.20	ng	0.00
7) Phenol-d6	7.31	99	197407	43.73	ng	-0.01
23) Nitrobenzene-d5	9.35	82	420682	119.89	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	253974	162.95	ng	0.00
45) 2-Fluorobiphenyl	13.43	172	1009976	100.10	ng	0.00
79) Terphenyl-d14	20.14	244	1583608	90.31	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	7.32	77	366	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	9.35	70	54592	17.04	ng	# 71
32) Benzoic acid	10.29	122	65	9.05	ng	# 1
48) 2-Nitroaniline	14.24	65	232	8.37	ng	# 1
51) 2,6-Dinitrotoluene	14.80	165	18802	13.99	ng	# 25
57) 2,4-Dinitrotoluene	14.80	165	18802	13.45	ng	# 20
65) 4,6-Dinitro-2-methylphenol	16.29	198	952	5.05	ng	# 29
67) 4-Bromophenyl-phenylether	16.28	248	19531	5.05	ng	# 1
77) Benzidine	20.14	184	28476	2.34	ng	# 94

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

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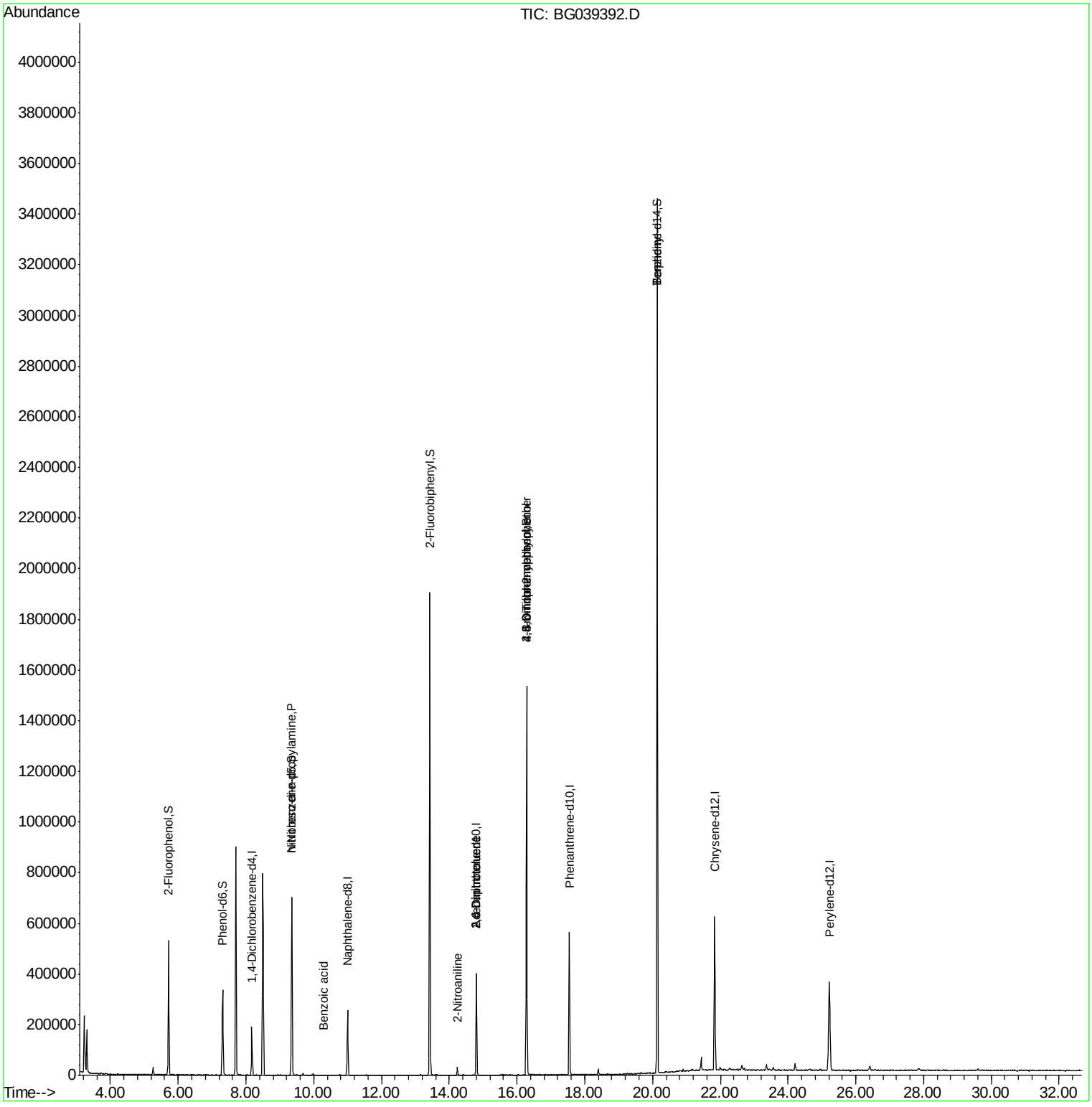
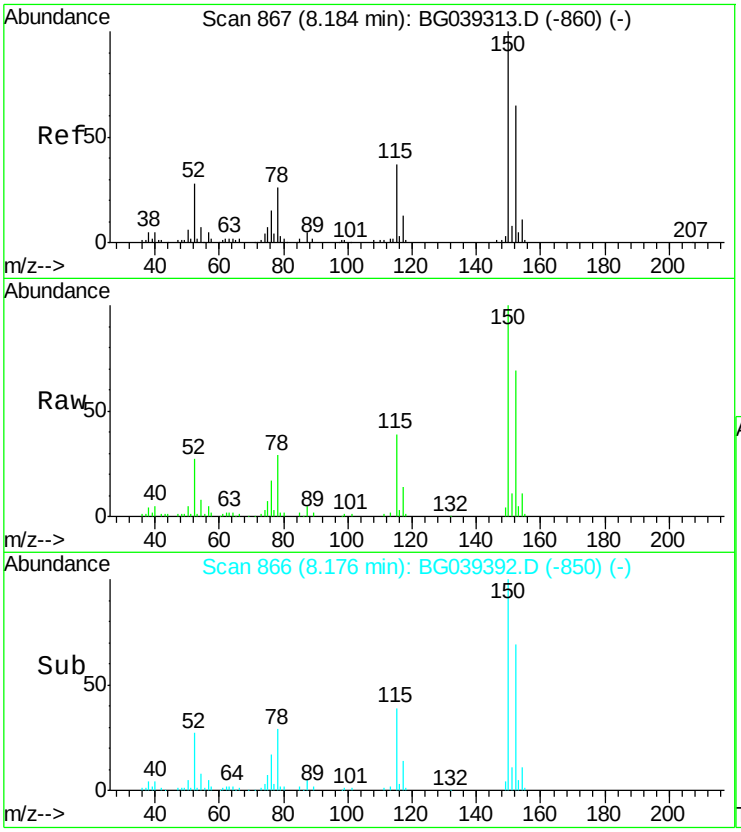
QLast Update : Tue Jan 29 15:41:51 2019
Response via : Initial Calibration



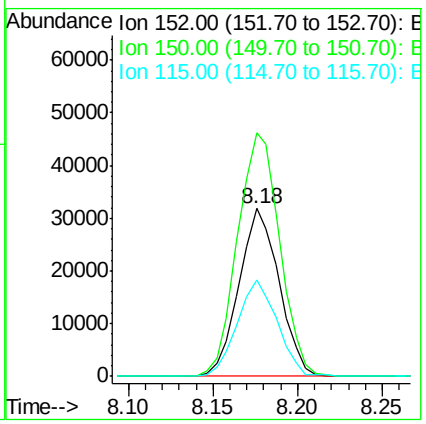


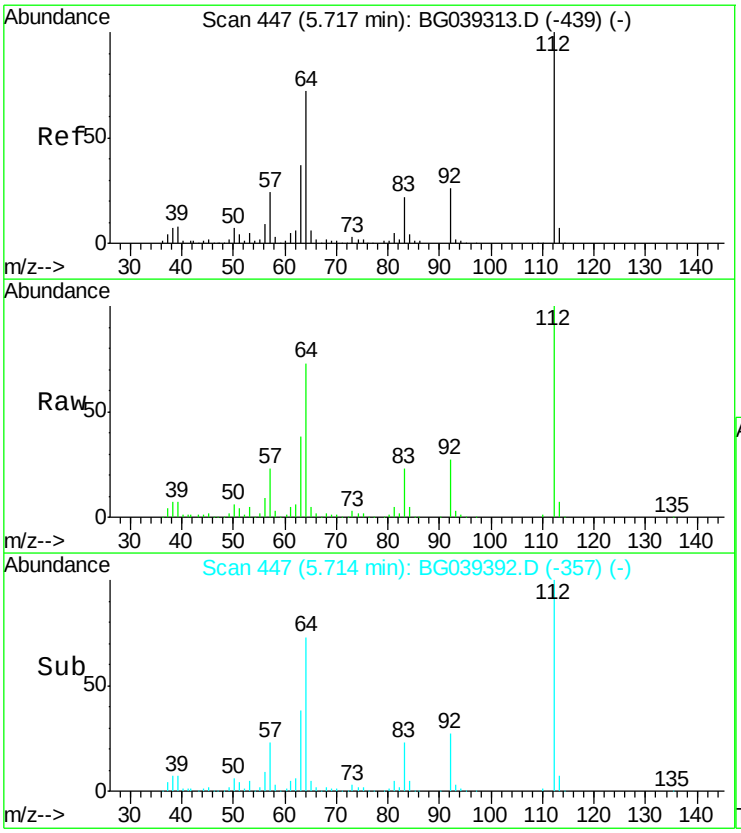
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BG039392.D
Acq: 7 Feb 2019 21:36

Instrument :
BNA_G
ClientSampleId :
MW-6

Tgt Ion:152 Resp: 52483

Ion	Ratio	Lower	Upper
152	100		
150	145.4	123.7	185.5
115	57.3	45.9	68.9

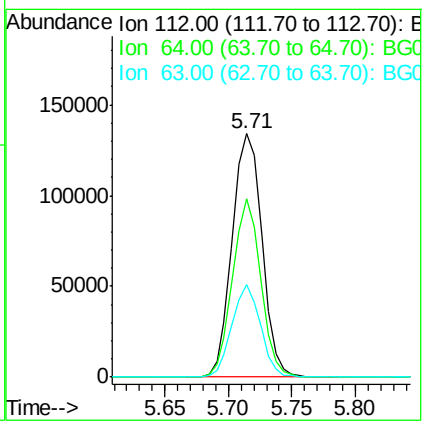


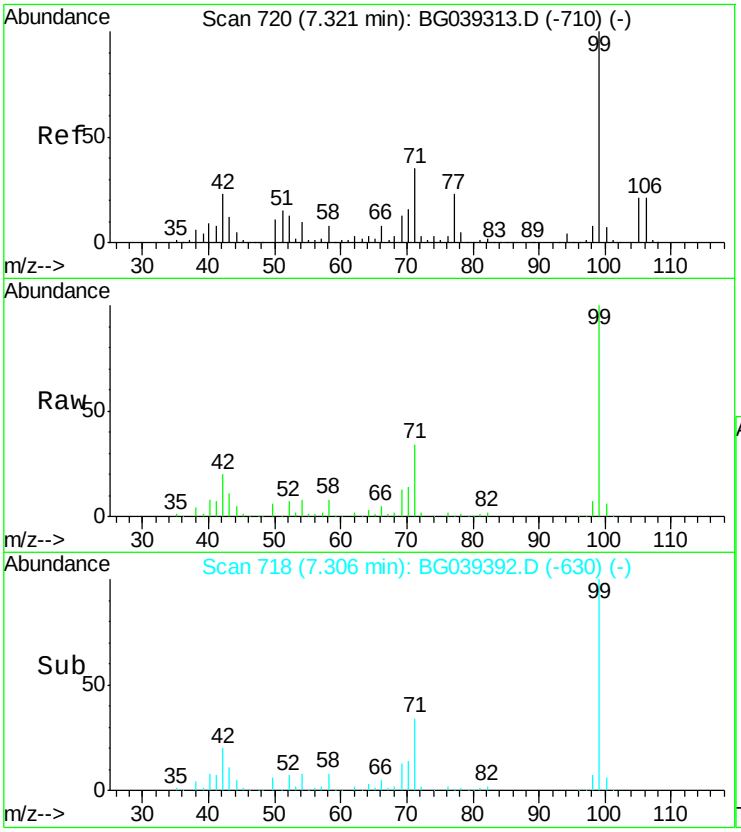


#5
2-Fluorophenol
Concen: 71.20 ng
RT: 5.71 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039392.D
Acq: 7 Feb 2019 21:36

Tgt Ion:112 Resp: 218341

Ion	Ratio	Lower	Upper
112	100		
64	73.2	57.8	86.8
63	37.8	29.8	44.6



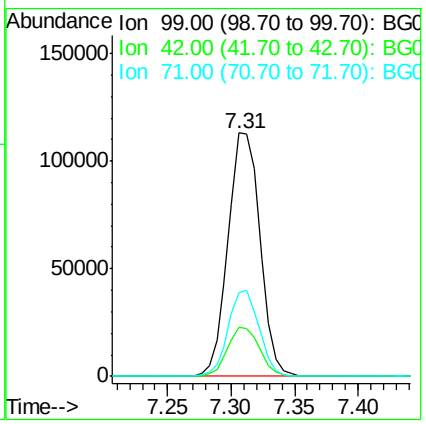


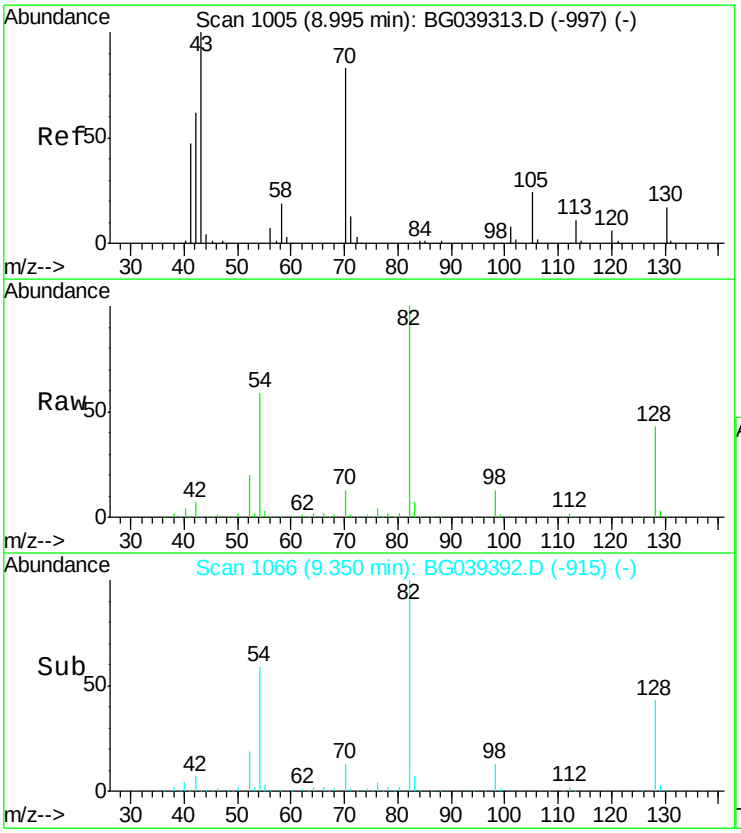
#7
Phenol-d6
Concen: 43.73 ng
RT: 7.31 min Scan# 718
Delta R.T. -0.01 min
Lab File: BG039392.D
Acq: 7 Feb 2019 21:36

Instrument :
BNA_G
ClientSampleId :
MW-6

Tgt Ion: 99 Resp: 197407

Ion	Ratio	Lower	Upper
99	100		
42	19.9	18.2	27.2
71	34.4	28.0	42.0

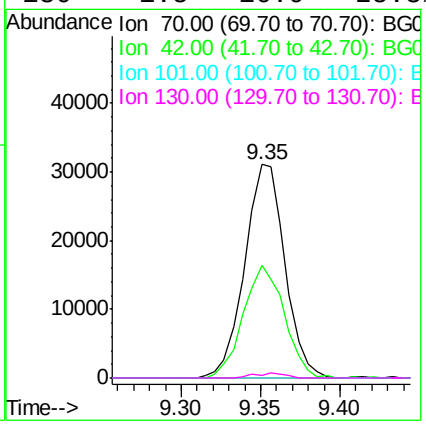


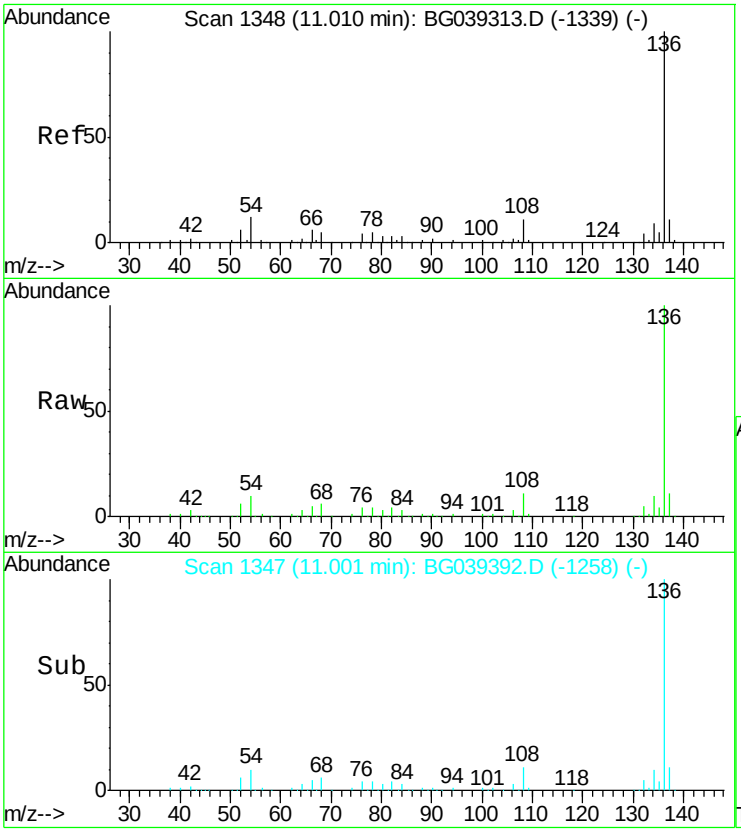


#19
n-Nitroso-di-n-propylamine
Concen: 17.04 ng
RT: 9.35 min Scan# 1066
Delta R.T. 0.36 min
Lab File: BG039392.D
Acq: 7 Feb 2019 21:36

Tgt Ion: 70 Resp: 54592

Ion	Ratio	Lower	Upper
70	100		
42	53.0	60.4	90.6#
101	0.0	7.5	11.3#
130	1.5	16.9	25.3#



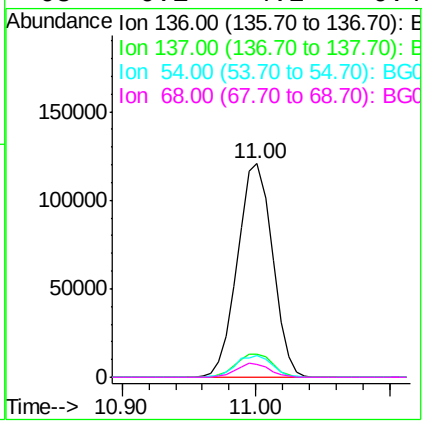


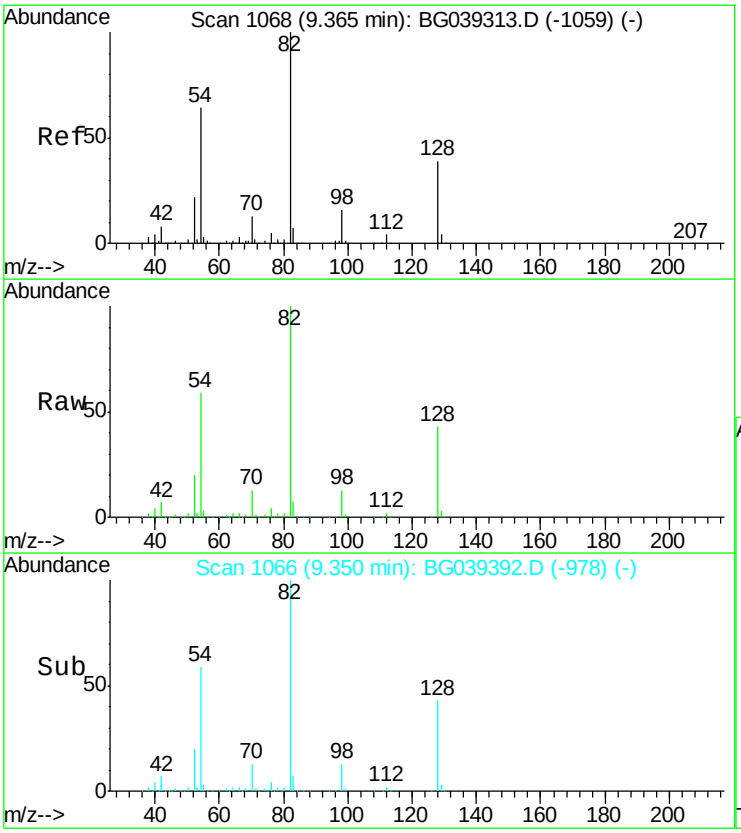
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BG039392.D
Acq: 7 Feb 2019 21:36

Instrument :
BNA_G
ClientSampleId :
MW-6

Tgt Ion:136 Resp: 219214

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	10.4	9.4	14.2
68	6.1	4.2	6.4

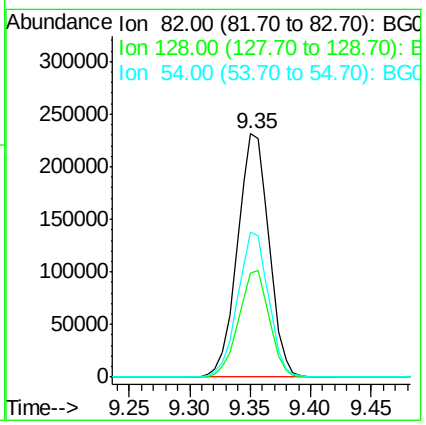


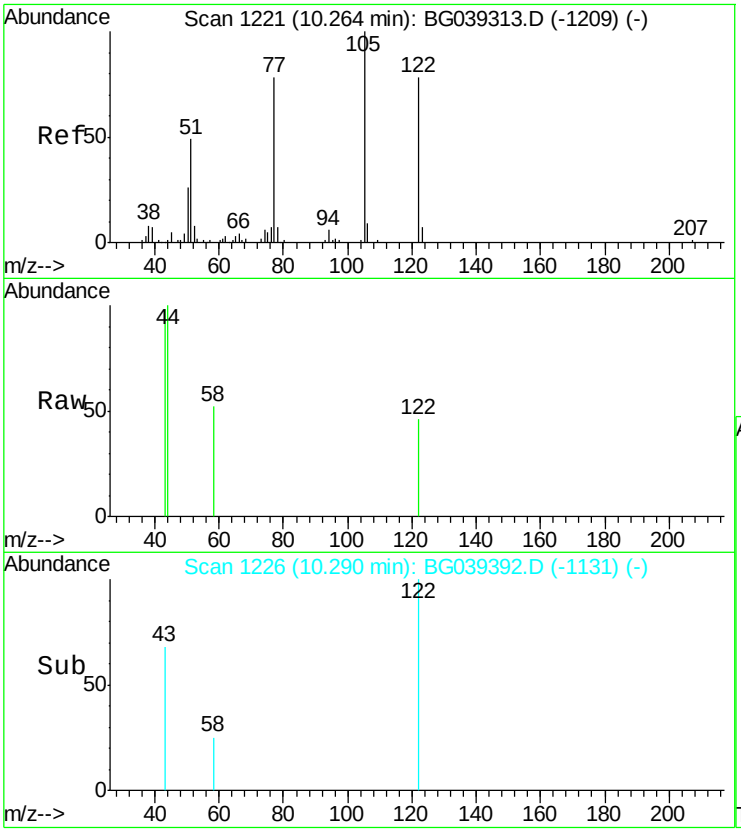


#23
Nitrobenzene-d5
Concen: 119.89 ng
RT: 9.35 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BG039392.D
Acq: 7 Feb 2019 21:36

Tgt Ion: 82 Resp: 420682

Ion	Ratio	Lower	Upper
82	100		
128	42.6	31.3	46.9
54	59.4	50.9	76.3



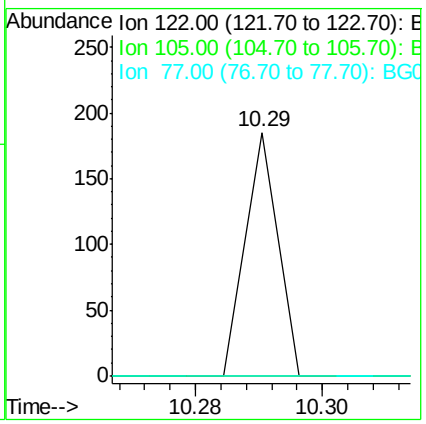


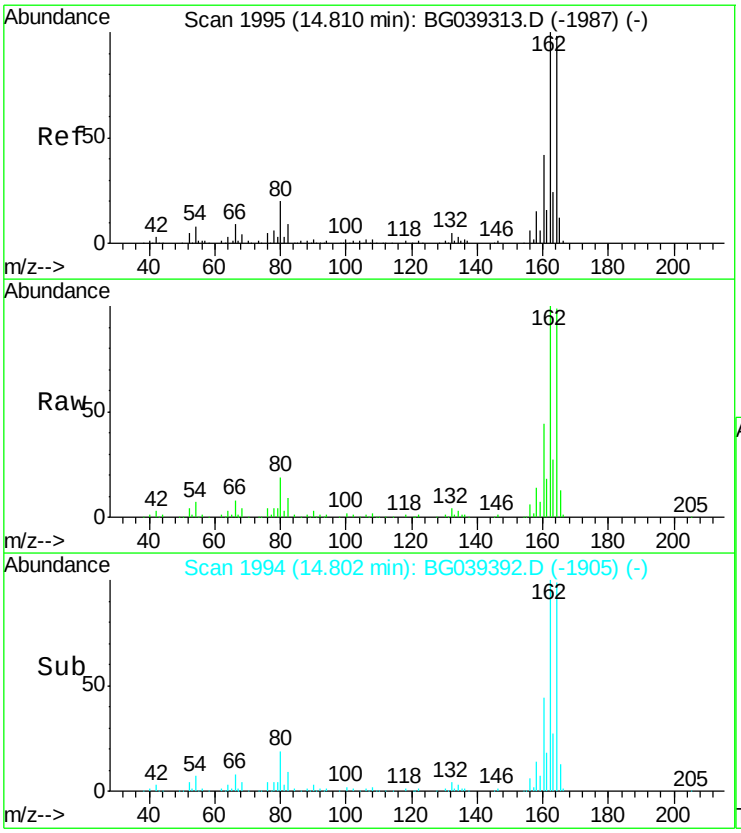
#32
Benzoic acid
Concen: 9.05 ng
RT: 10.29 min Scan# 1226
Delta R.T. 0.03 min
Lab File: BG039392.D
Acq: 7 Feb 2019 21:36

Instrument :
BNA_G
ClientSampleId :
MW-6

Tgt Ion:122 Resp: 65

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.8	141.8#
77	0.0	76.3	116.3#

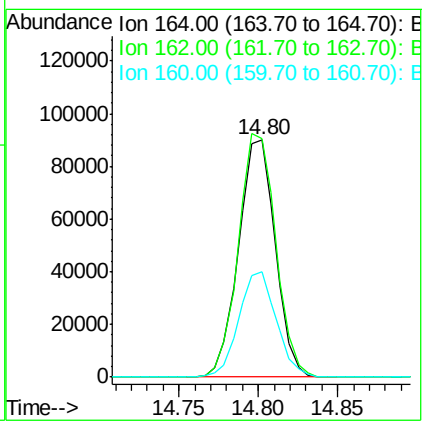


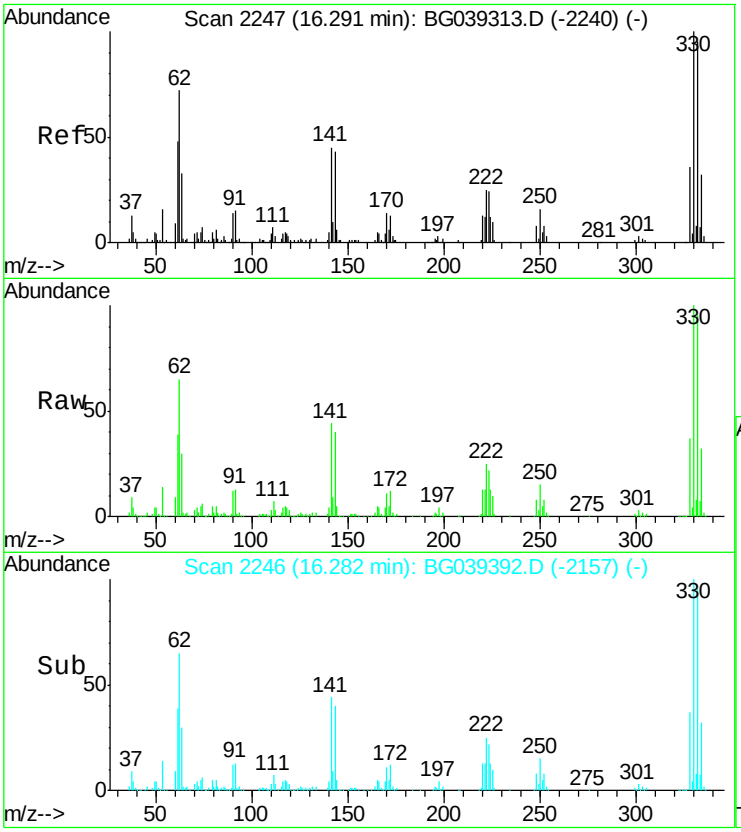


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BG039392.D
Acq: 7 Feb 2019 21:36

Tgt Ion:164 Resp: 144743

Ion	Ratio	Lower	Upper
164	100		
162	100.6	81.6	122.4
160	44.6	34.2	51.2



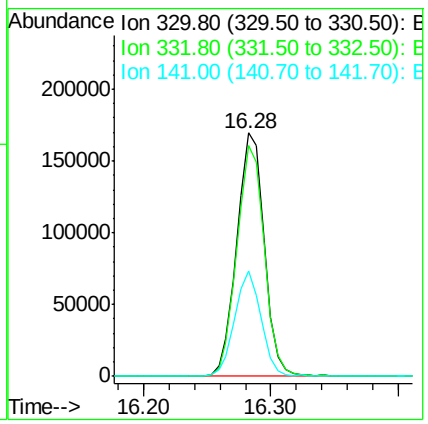


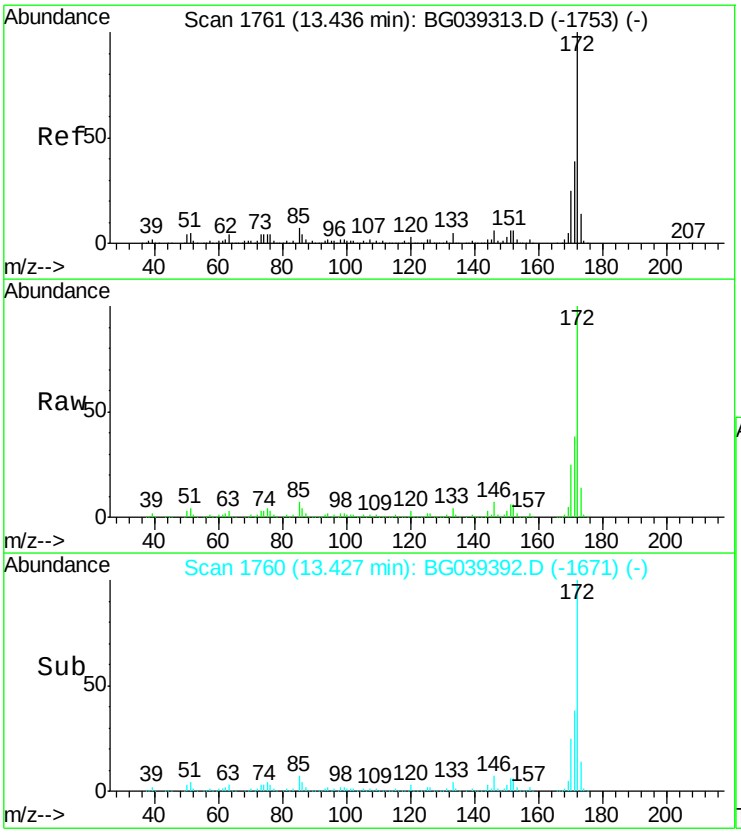
#42
2,4,6-Tribromophenol
Concen: 162.95 ng
RT: 16.28 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BG039392.D
Acq: 7 Feb 2019 21:36

Instrument :
BNA_G
ClientSampleId :
MW-6

Tgt Ion:330 Resp: 253974

Ion	Ratio	Lower	Upper
330	100		
332	94.8	75.7	113.5
141	41.4	35.6	53.4

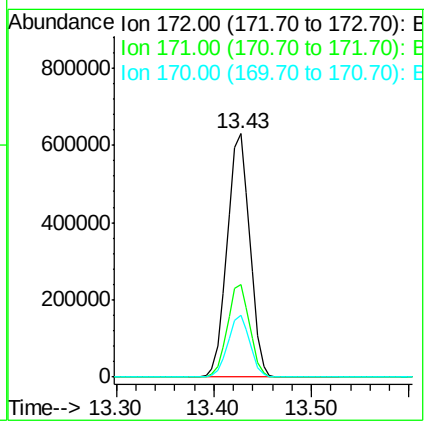


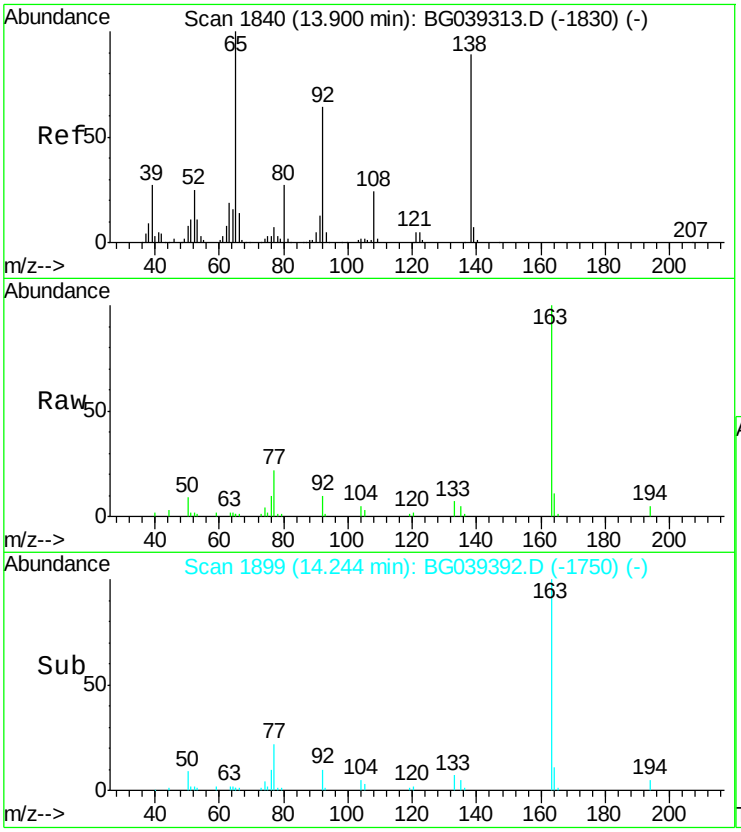


#45
2-Fluorobiphenyl
Concen: 100.10 ng
RT: 13.43 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BG039392.D
Acq: 7 Feb 2019 21:36

Tgt Ion:172 Resp: 1009976

Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.8	46.2
170	25.4	20.2	30.4



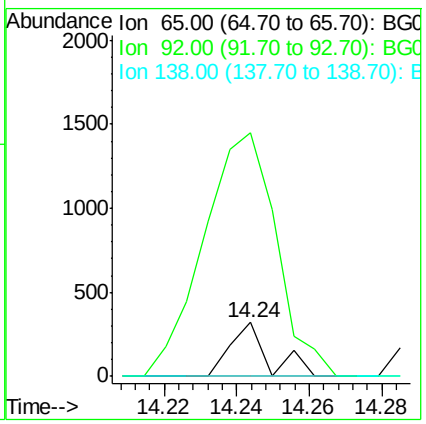


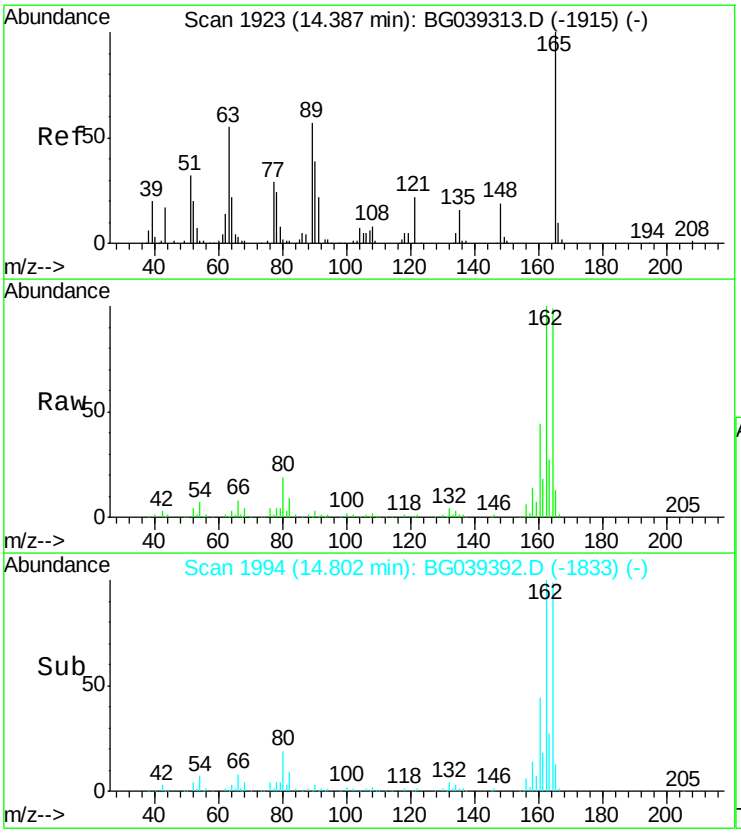
#48
2-Nitroaniline
Concen: 8.37 ng
RT: 14.24 min Scan# 1899
Delta R.T. 0.34 min
Lab File: BG039392.D
Acq: 7 Feb 2019 21:36

Instrument :
BNA_G
ClientSampleId :
MW-6

Tgt Ion: 65 Resp: 232

Ion	Ratio	Lower	Upper
65	100		
92	452.8	51.4	77.2#
138	0.0	71.4	107.2#

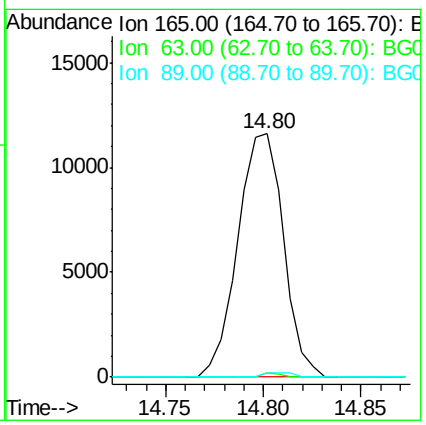


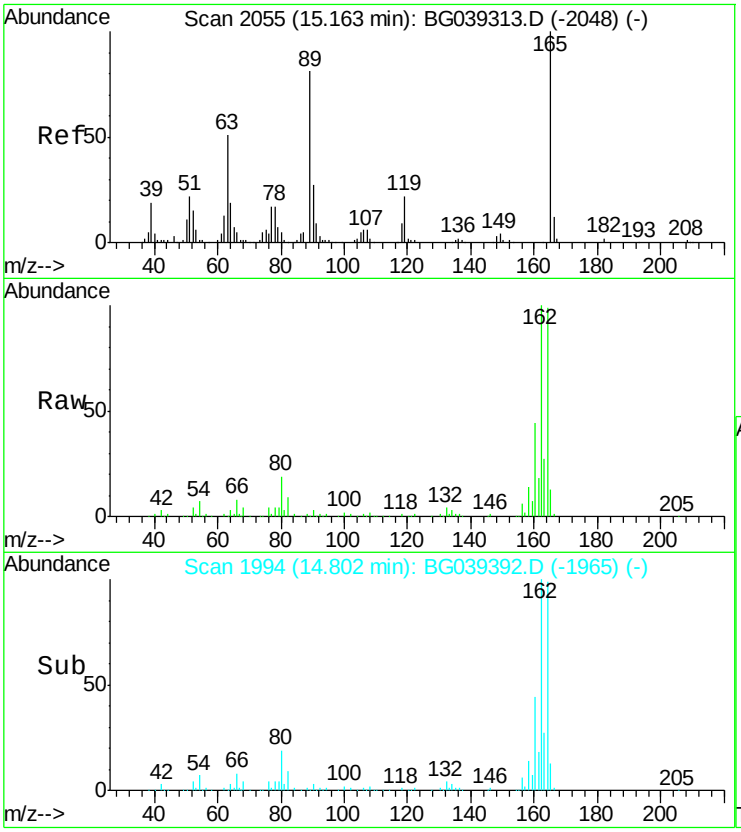


#51
2,6-Dinitrotoluene
Concen: 13.99 ng
RT: 14.80 min Scan# 1994
Delta R.T. 0.41 min
Lab File: BG039392.D
Acq: 7 Feb 2019 21:36

Tgt Ion:165 Resp: 18802

Ion	Ratio	Lower	Upper
165	100		
63	1.9	47.0	70.6#
89	2.0	45.8	68.8#



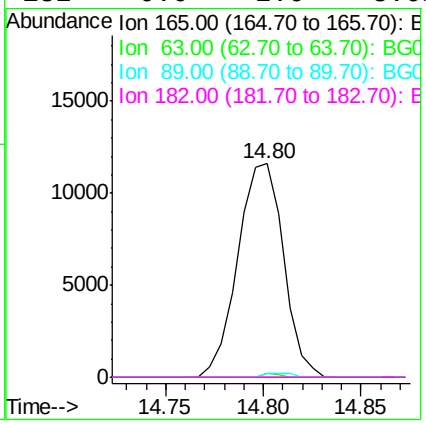


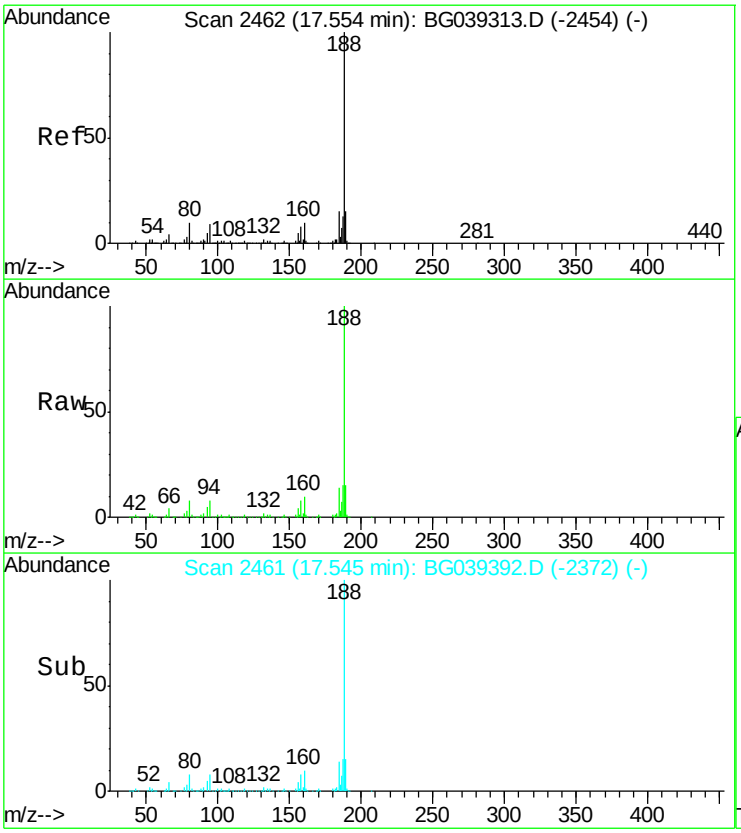
#57
2,4-Dinitrotoluene
Concen: 13.45 ng
RT: 14.80 min Scan# 1994
Delta R.T. -0.36 min
Lab File: BG039392.D
Acq: 7 Feb 2019 21:36

Instrument :
BNA_G
ClientSampleId :
MW-6

Tgt Ion:165 Resp: 18802

Ion	Ratio	Lower	Upper
165	100		
63	1.9	41.0	61.6#
89	2.0	64.6	96.8#
182	0.0	2.0	3.0#

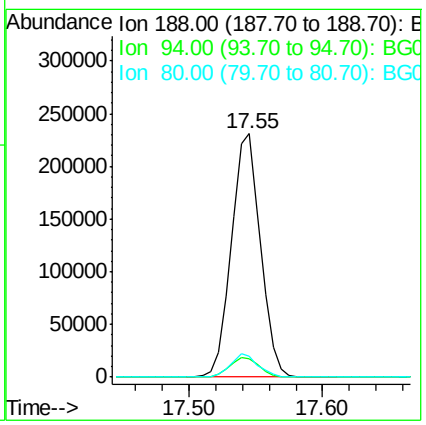


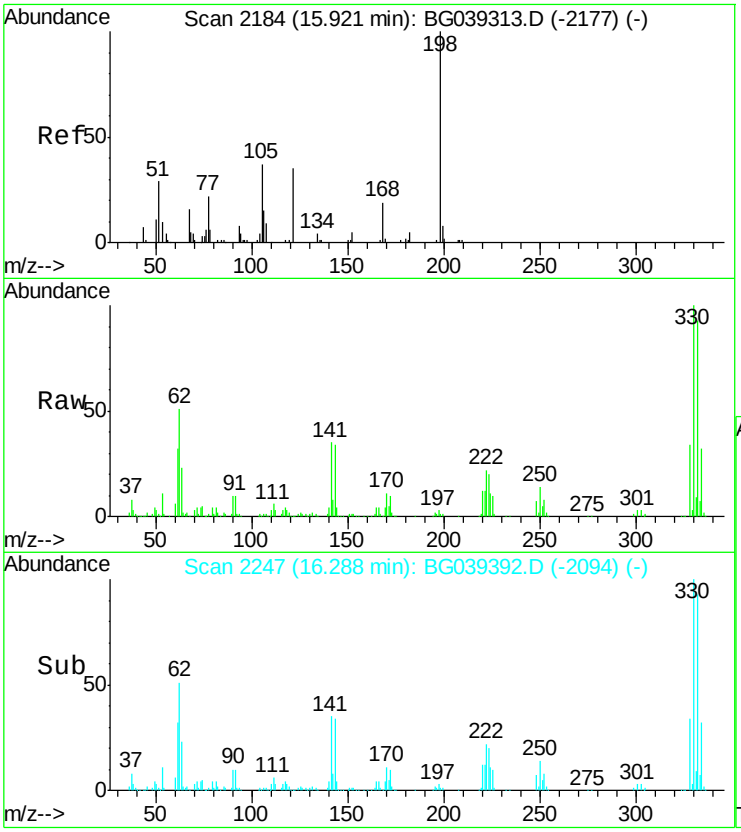


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BG039392.D
Acq: 7 Feb 2019 21:36

Tgt Ion:188 Resp: 348631

Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.9	10.3
80	8.3	8.1	12.1



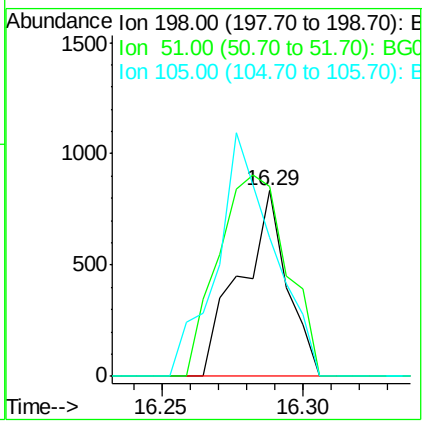


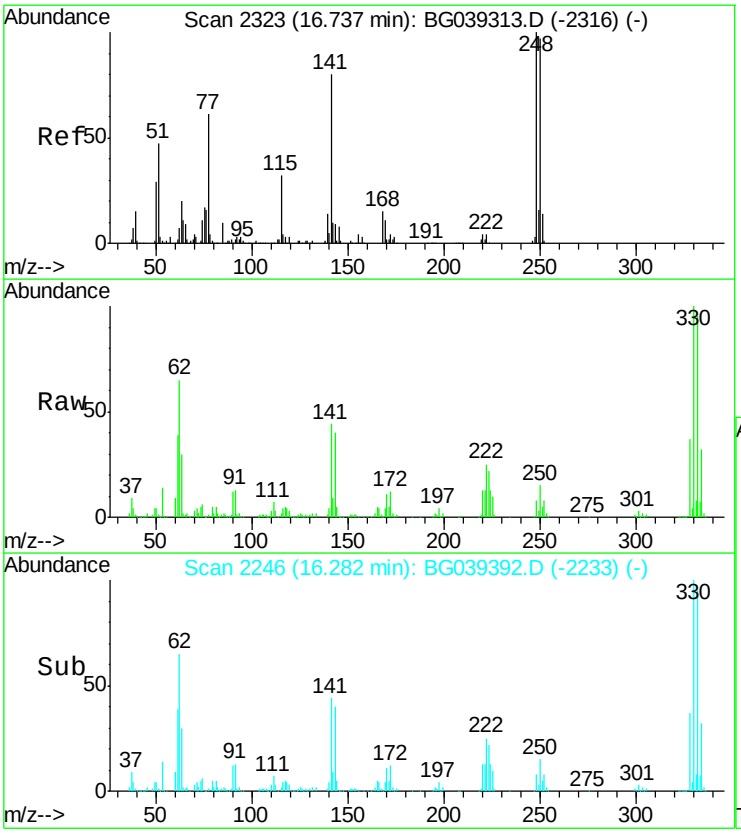
#65
4,6-Dinitro-2-methylphenol
Concen: 5.05 ng
RT: 16.29 min Scan# 2247
Delta R.T. 0.37 min
Lab File: BG039392.D
Acq: 7 Feb 2019 21:36

Instrument :
BNA_G
ClientSampleId :
MW-6

Tgt Ion:198 Resp: 952

Ion	Ratio	Lower	Upper
198	100		
51	102.3	27.4	67.4#
105	74.9	19.7	59.7#

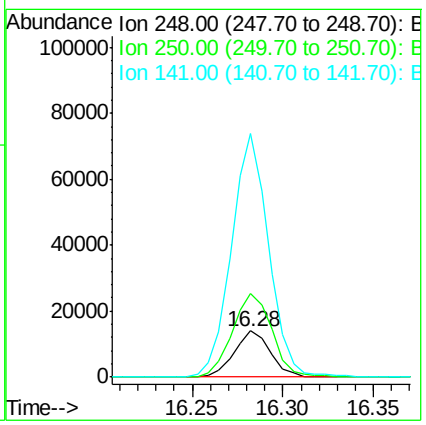


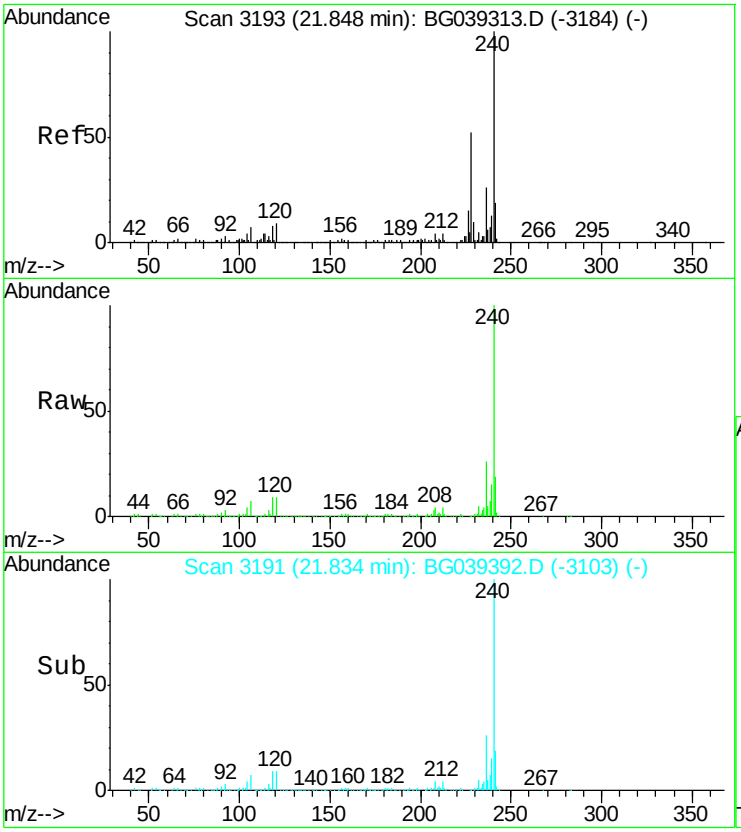


#67
4-Bromophenyl-phenylether
Concen: 5.05 ng
RT: 16.28 min Scan# 2246
Delta R.T. -0.45 min
Lab File: BG039392.D
Acq: 7 Feb 2019 21:36

Tgt Ion:248 Resp: 19531

Ion	Ratio	Lower	Upper
248	100		
250	181.4	77.6	116.4#
141	524.6	63.9	95.9#



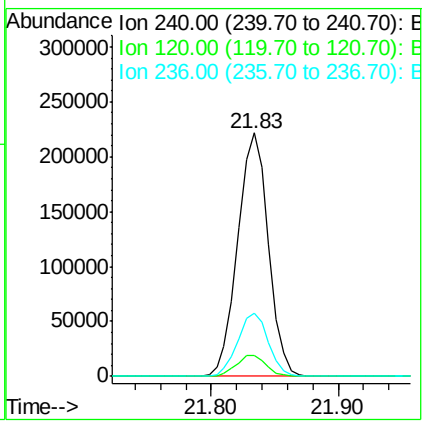


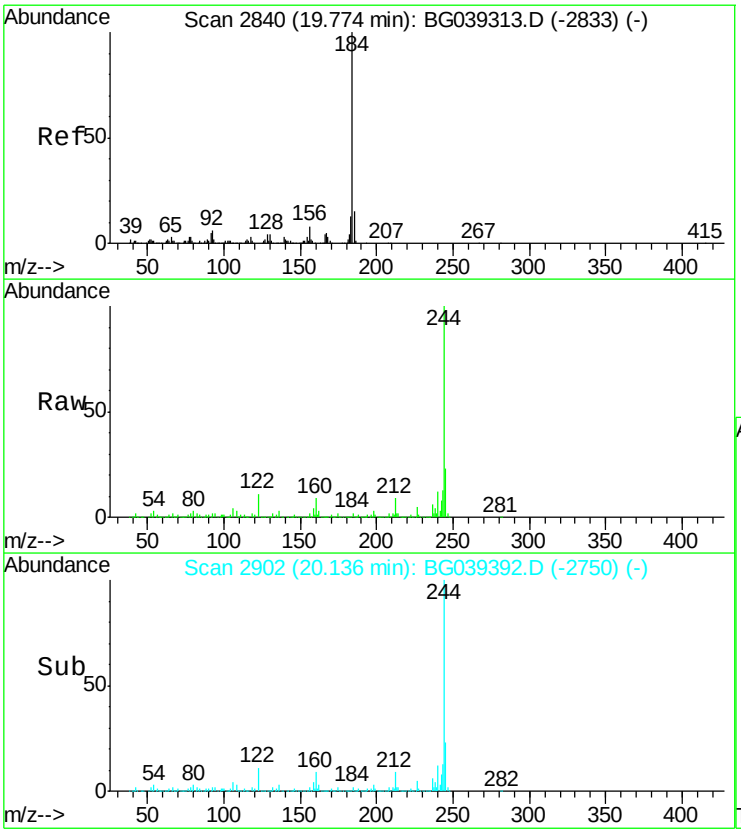
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.83 min Scan# 3191
Delta R.T. -0.01 min
Lab File: BG039392.D
Acq: 7 Feb 2019 21:36

Instrument :
BNA_G
ClientSampleId :
MW-6

Tgt Ion:240 Resp: 371163

Ion	Ratio	Lower	Upper
240	100		
120	8.5	7.0	10.6
236	26.0	21.0	31.4

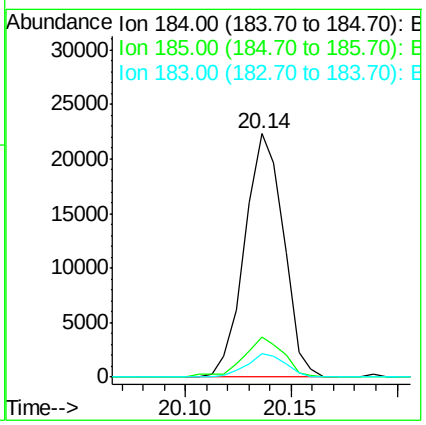


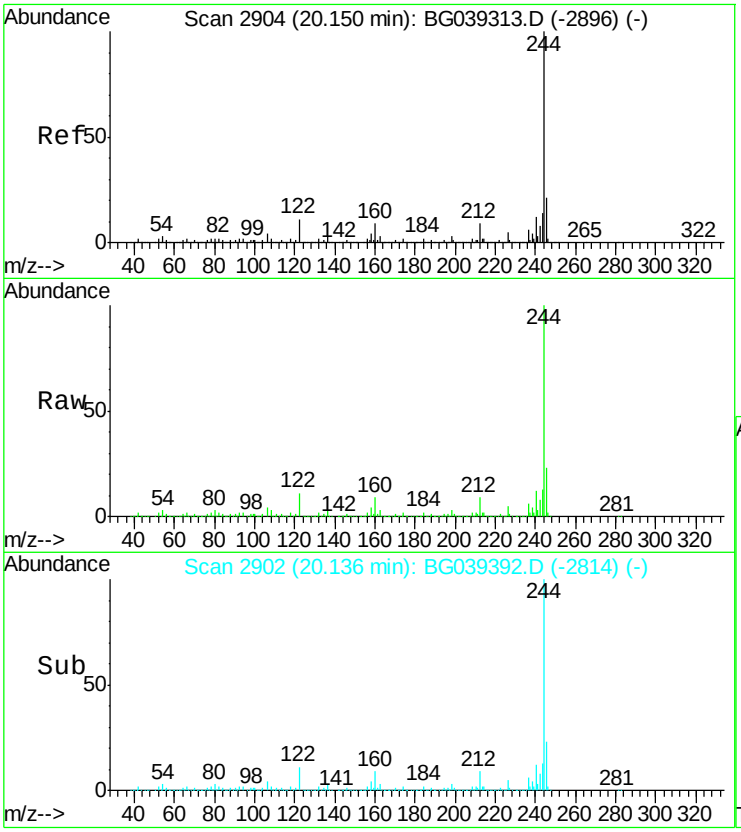


#77
Benzidine
Concen: 2.34 ng
RT: 20.14 min Scan# 2902
Delta R.T. 0.36 min
Lab File: BG039392.D
Acq: 7 Feb 2019 21:36

Tgt Ion:184 Resp: 28476

Ion	Ratio	Lower	Upper
184	100		
185	16.3	12.2	18.2
183	9.5	10.6	15.8#



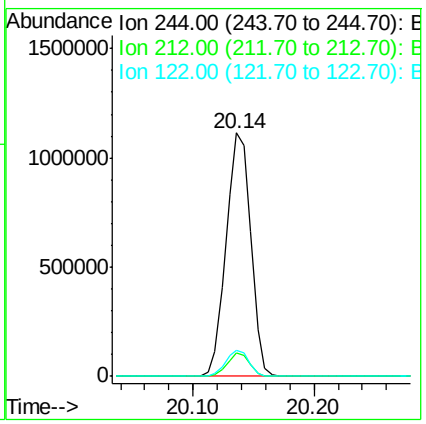


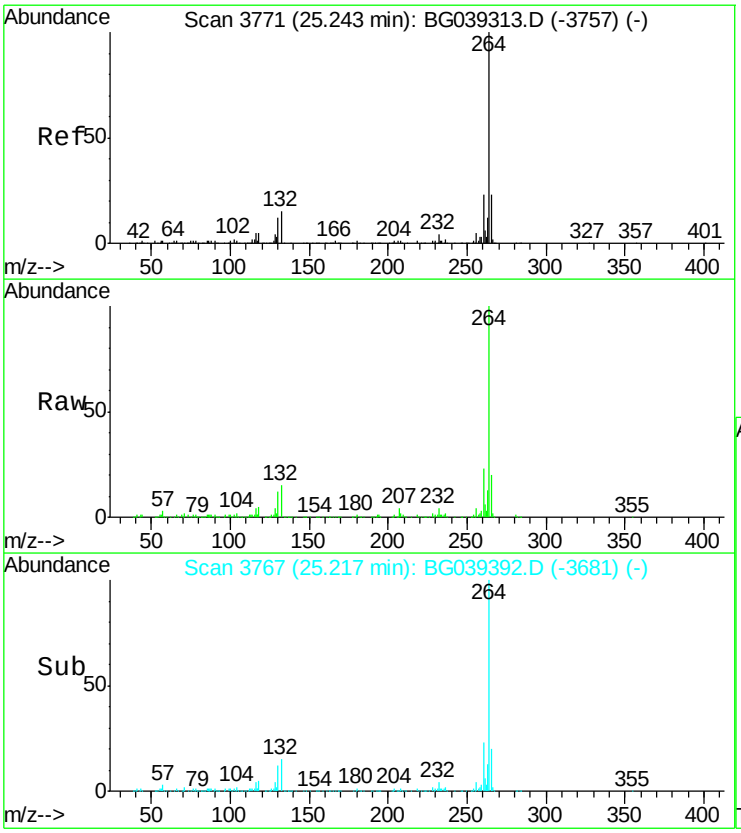
#79
Terphenyl-d14
Concen: 90.31 ng
RT: 20.14 min Scan# 2902
Delta R.T. -0.01 min
Lab File: BG039392.D
Acq: 7 Feb 2019 21:36

Instrument :
BNA_G
ClientSampleId :
MW-6

Tgt Ion:244 Resp: 1583608

Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.3	10.9
122	10.5	8.4	12.6





#87
Perylene-d12
Concen: 20.00 ng
RT: 25.22 min Scan# 3767
Delta R.T. -0.03 min
Lab File: BG039392.D
Acq: 7 Feb 2019 21:36

Tgt Ion:264 Resp: 374206

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.2	27.4
265	20.3	18.5	27.7