Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020719\
Data File : BG039399.D
Acq On : 8 Feb 2019 2:11
Operator : JU/SJ
Sample : PB116922TB
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB116922TB

Quant Time: Feb 08 09:16:58 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	51776	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	223903	20.00	ng	0.00
39) Acenaphthene-d10	14.80	164	149875	20.00	ng	0.00
64) Phenanthrene-d10	17.55	188	370495	20.00	ng	0.00
76) Chrysene-d12	21.83	240	414164	20.00	ng	-0.01
87) Perylene-d12	25.21	264	400718	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	459409	151.86	ng	0.00
7) Phenol-d6	7.31	99	646408	145.16	ng	0.00
23) Nitrobenzene-d5	9.35	82	372604	103.96	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	233292	144.55	ng	0.00
45) 2-Fluorobiphenyl	13.43	172	939395	89.92	ng	0.00
79) Terphenyl-d14	20.14	244	1570481	80.26	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	7.31	77	1241	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	9.36	70	48623	15.38	ng	# 68
48) 2-Nitroaniline	13.42	65	1759	8.84	ng	# 1
51) 2,6-Dinitrotoluene	14.80	165	19295	13.92	ng	# 25
56) 4-Nitrophenol	15.05	139	53	5.82	ng	# 1
57) 2,4-Dinitrotoluene	14.80	165	19295	13.40	ng	# 20
65) 4,6-Dinitro-2-methylphenol	16.28	198	918	4.97	ng	# 13
67) 4-Bromophenyl-phenylether	16.28	248	17880	4.35	ng	# 1

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

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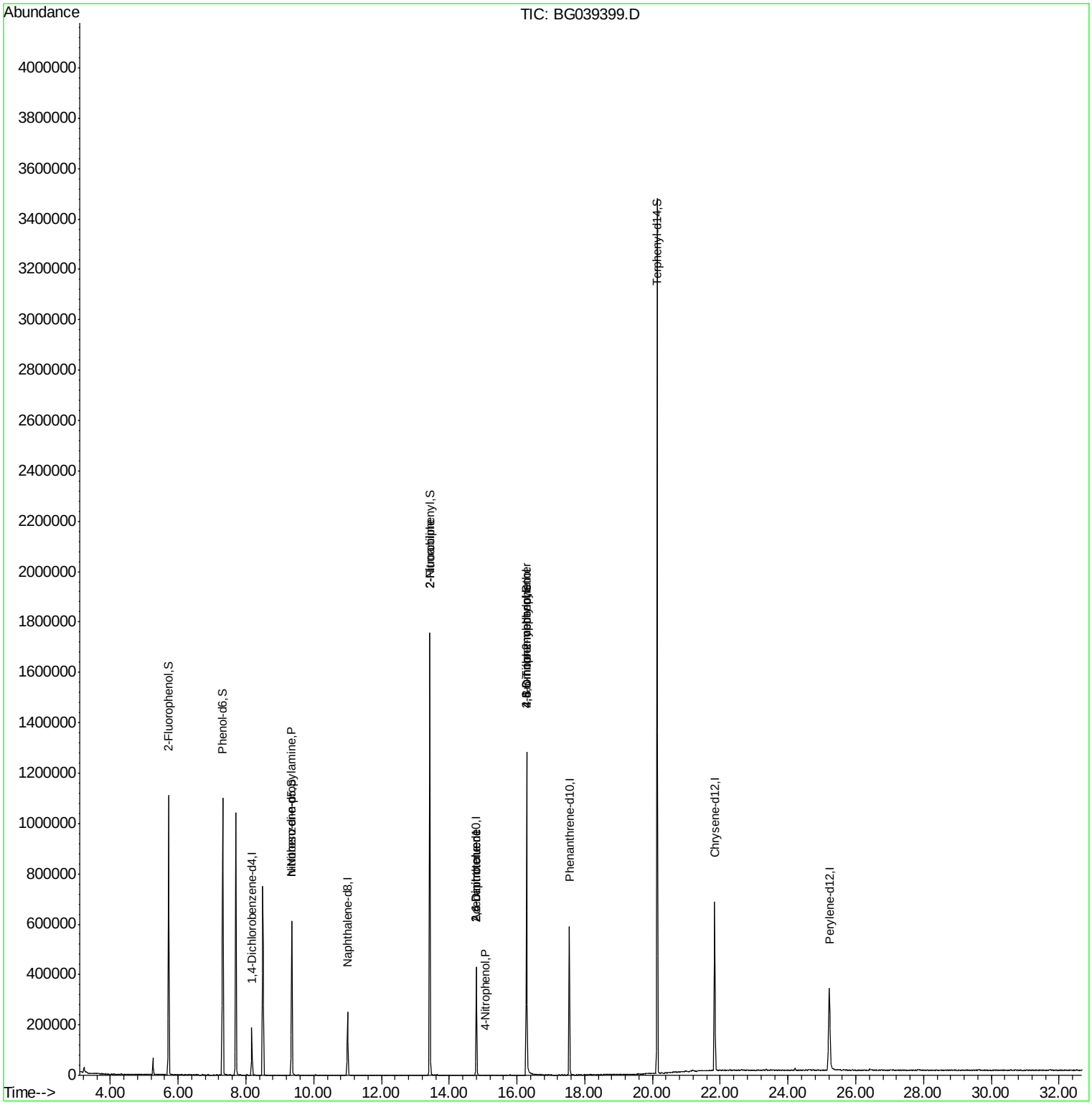
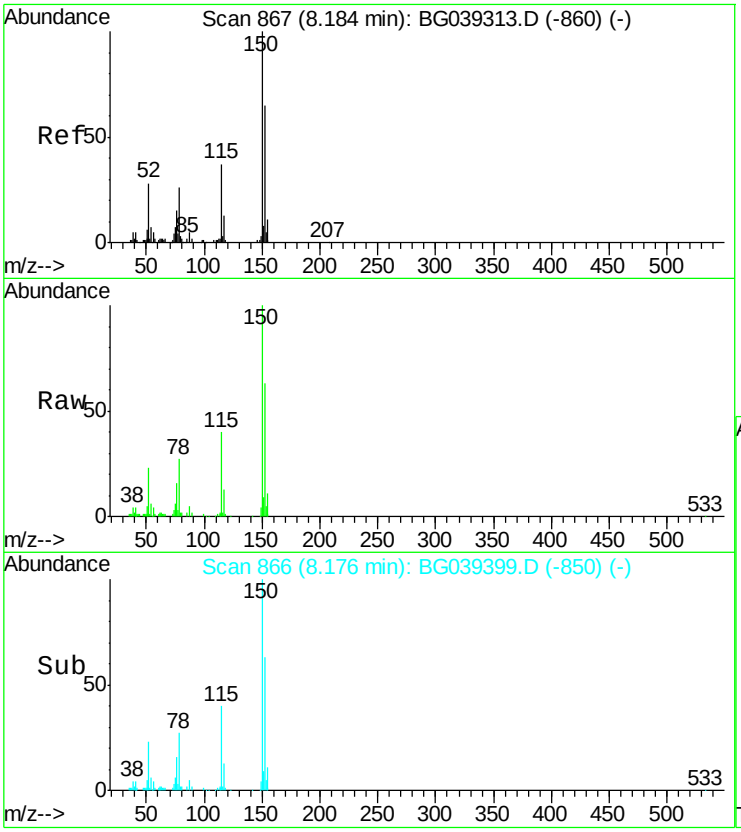


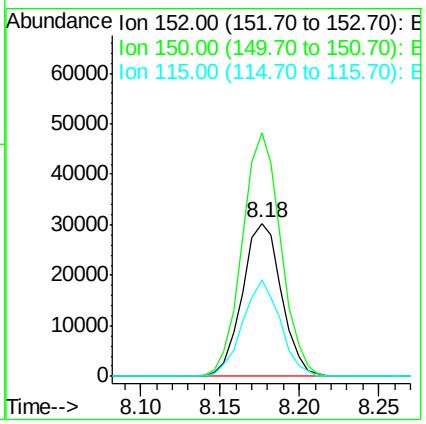


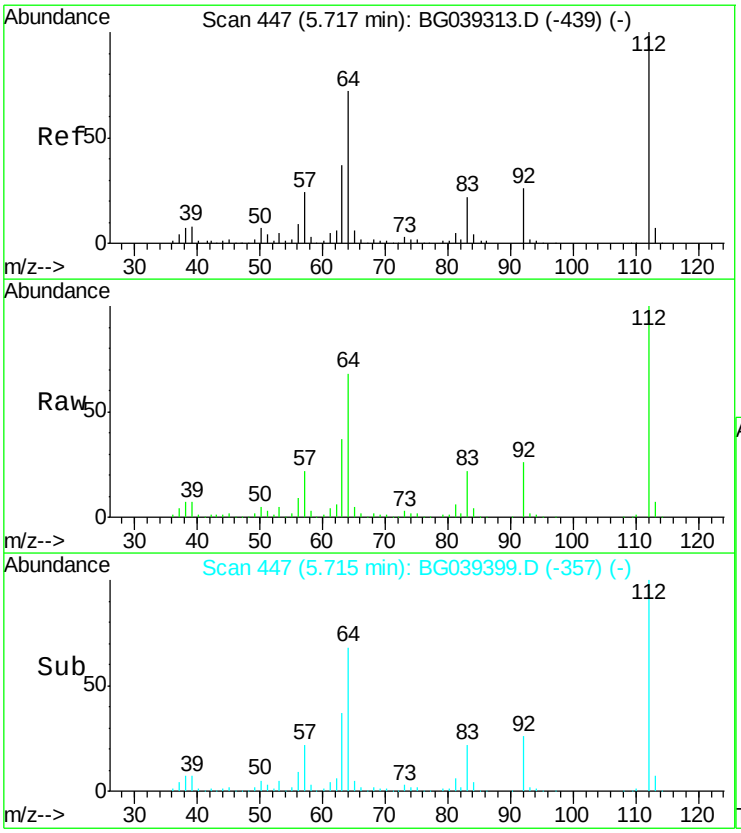
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BG039399.D
Acq: 8 Feb 2019 2:11

Instrument :
BNA_G
ClientSampleId :
PB116922TB

Tgt Ion:152 Resp: 51776

Ion	Ratio	Lower	Upper
152	100		
150	159.1	123.7	185.5
115	63.1	45.9	68.9

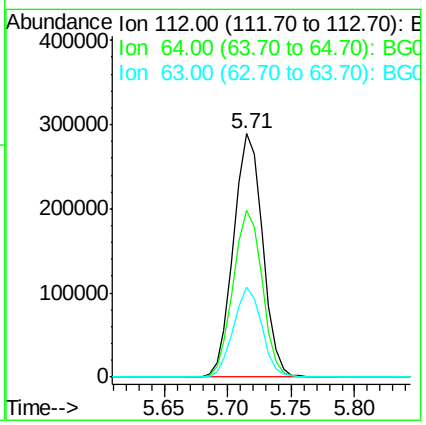


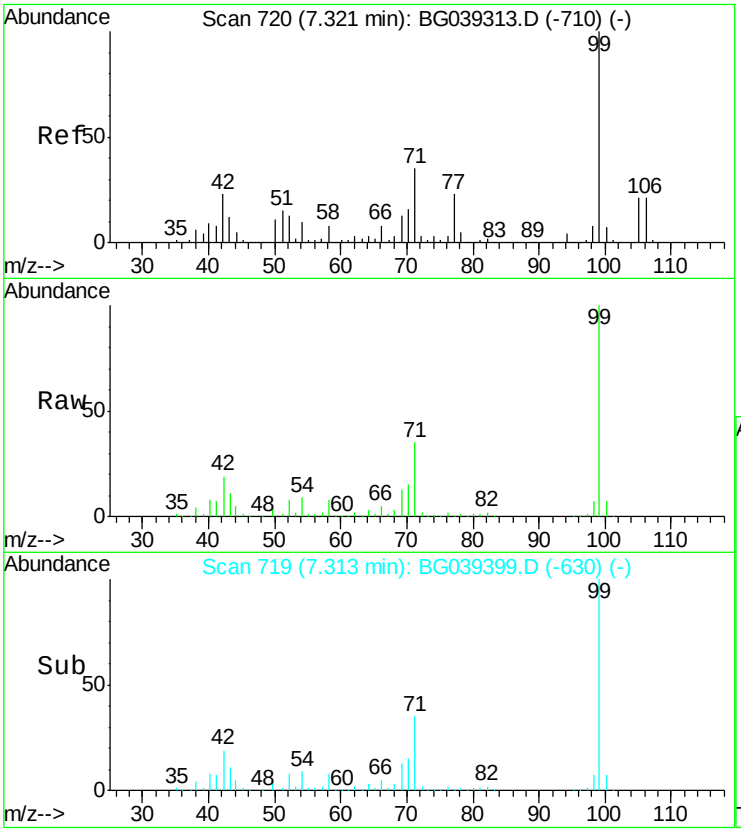


#5
2-Fluorophenol
Concen: 151.86 ng
RT: 5.71 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039399.D
Acq: 8 Feb 2019 2:11

Tgt Ion:112 Resp: 459409

Ion	Ratio	Lower	Upper
112	100		
64	68.4	57.8	86.8
63	37.1	29.8	44.6



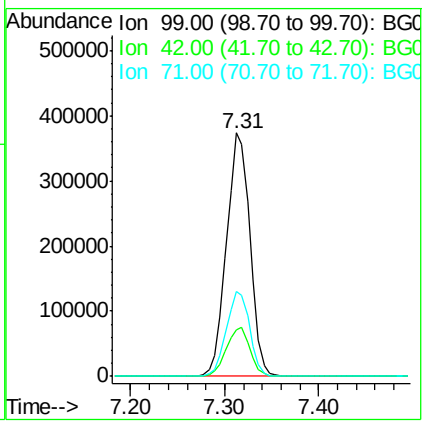


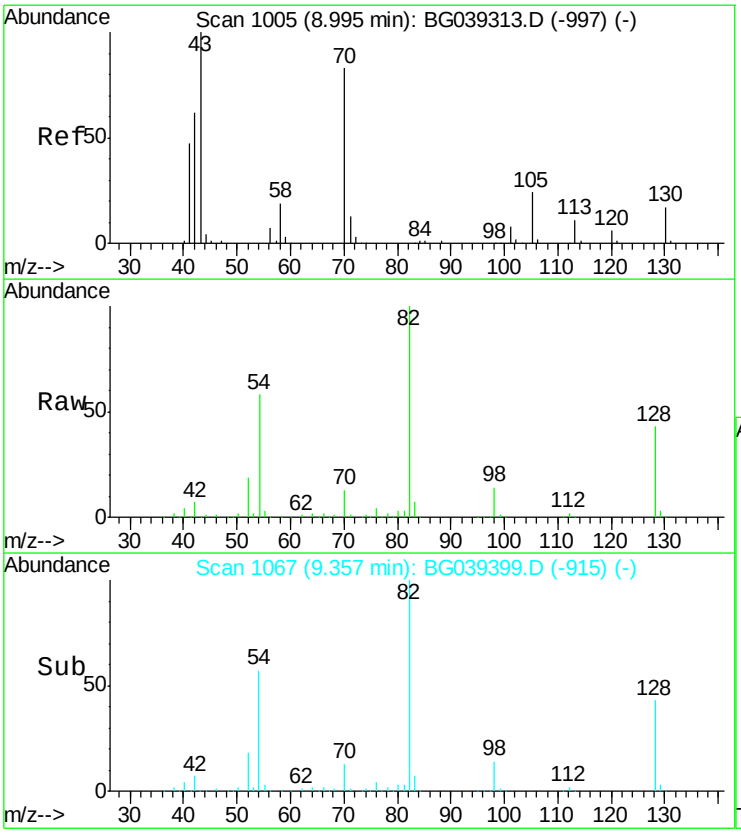
#7
Phenol-d6
Concen: 145.16 ng
RT: 7.31 min Scan# 719
Delta R.T. -0.01 min
Lab File: BG039399.D
Acq: 8 Feb 2019 2:11

Instrument :
BNA_G
ClientSampleId :
PB116922TB

Tgt Ion: 99 Resp: 646408

Ion	Ratio	Lower	Upper
99	100		
42	19.2	18.2	27.2
71	35.0	28.0	42.0

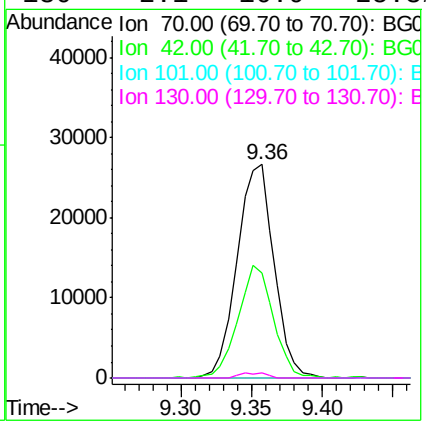


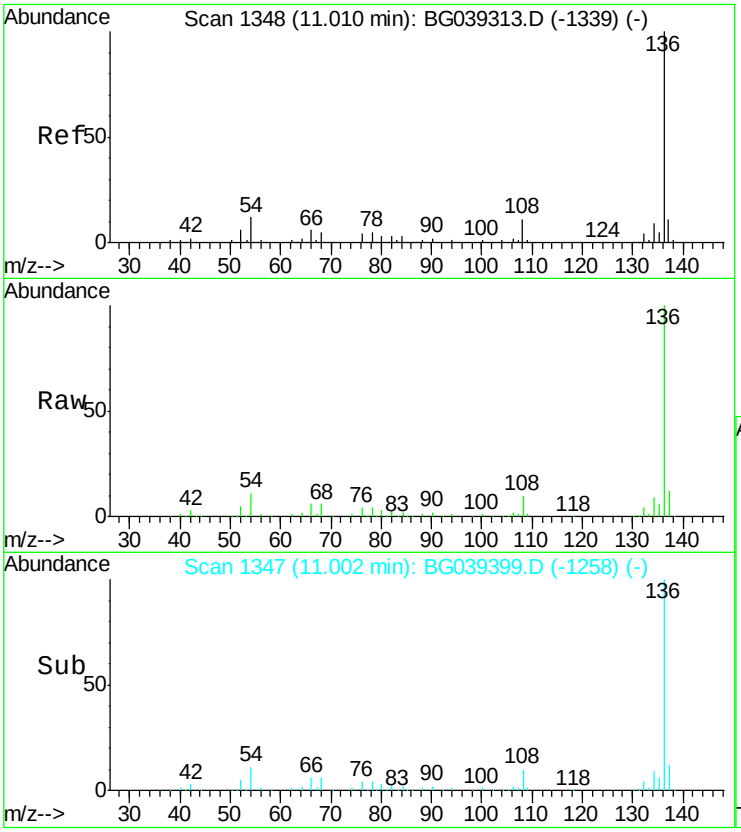


#19
n-Nitroso-di-n-propylamine
Concen: 15.38 ng
RT: 9.36 min Scan# 1067
Delta R.T. 0.36 min
Lab File: BG039399.D
Acq: 8 Feb 2019 2:11

Tgt Ion: 70 Resp: 48623

Ion	Ratio	Lower	Upper
70	100		
42	49.3	60.4	90.6#
101	0.0	7.5	11.3#
130	2.1	16.9	25.3#



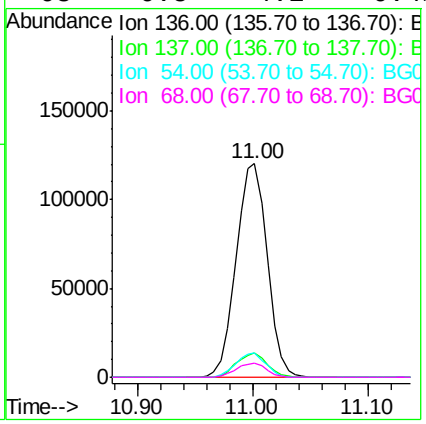


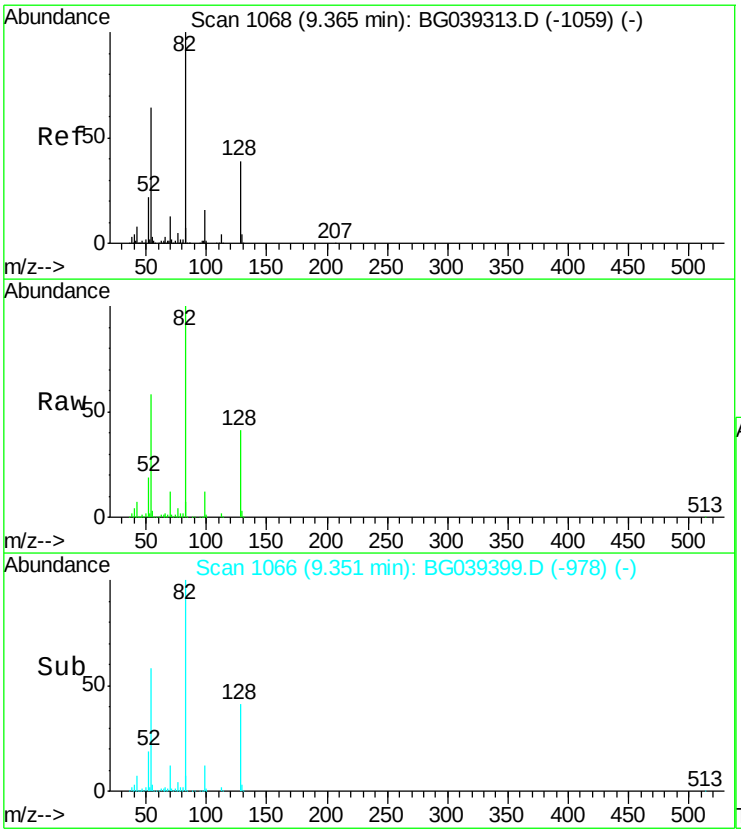
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BG039399.D
Acq: 8 Feb 2019 2:11

Instrument :
BNA_G
ClientSampleId :
PB116922TB

Tgt Ion:136 Resp: 223903

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	11.1	9.4	14.2
68	6.5	4.2	6.4#

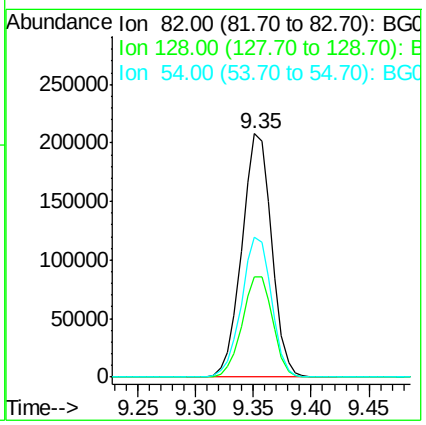


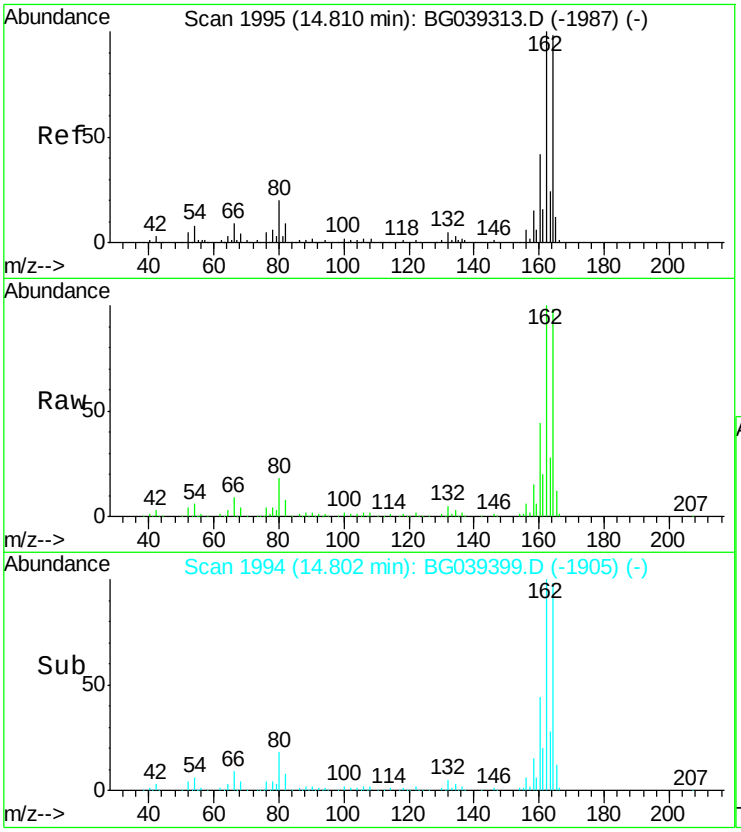


#23
Nitrobenzene-d5
Concen: 103.96 ng
RT: 9.35 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BG039399.D
Acq: 8 Feb 2019 2:11

Tgt Ion: 82 Resp: 372604

Ion	Ratio	Lower	Upper
82	100		
128	41.1	31.3	46.9
54	57.5	50.9	76.3



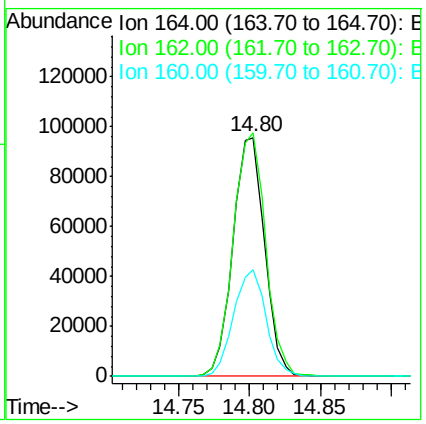


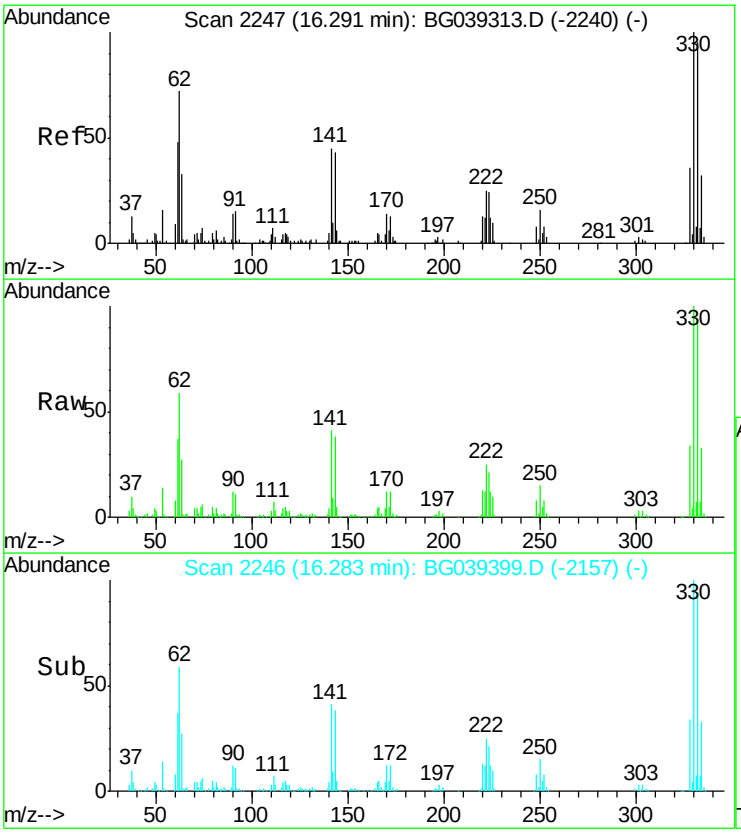
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BG039399.D
Acq: 8 Feb 2019 2:11

Instrument :
BNA_G
ClientSampleId :
PB116922TB

Tgt Ion:164 Resp: 149875

Ion	Ratio	Lower	Upper
164	100		
162	101.8	81.6	122.4
160	44.7	34.2	51.2

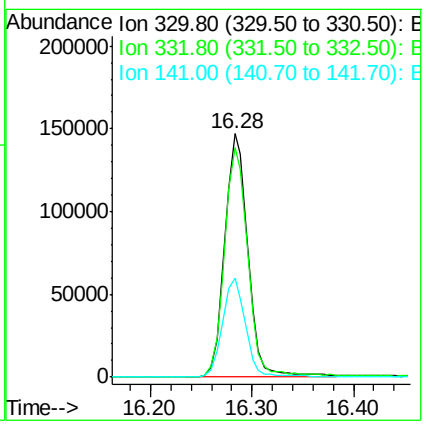


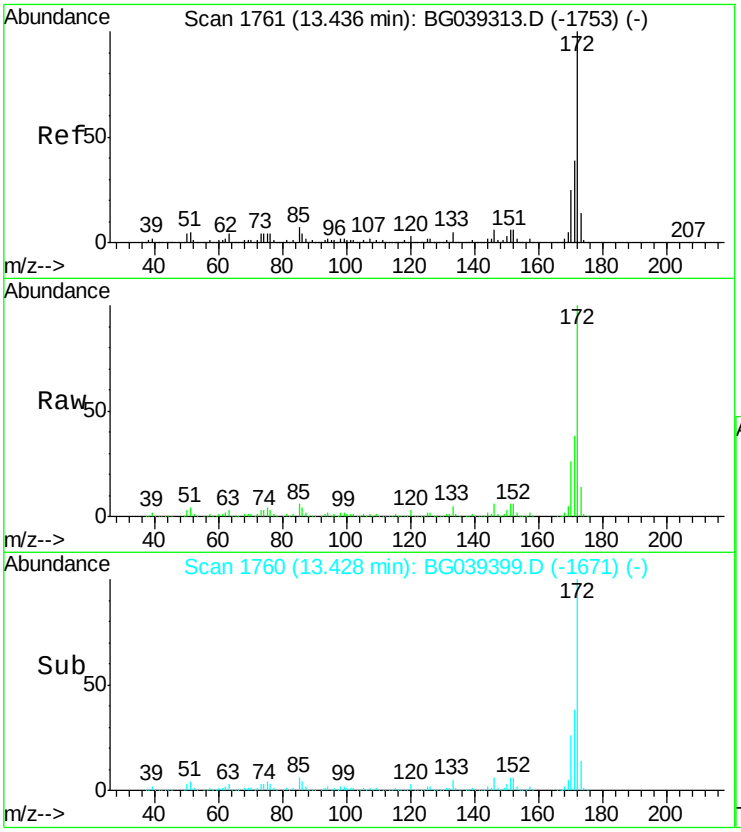


#42
2,4,6-Tribromophenol
Concen: 144.55 ng
RT: 16.28 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BG039399.D
Acq: 8 Feb 2019 2:11

Tgt Ion:330 Resp: 233292

Ion	Ratio	Lower	Upper
330	100		
332	95.9	75.7	113.5
141	39.9	35.6	53.4



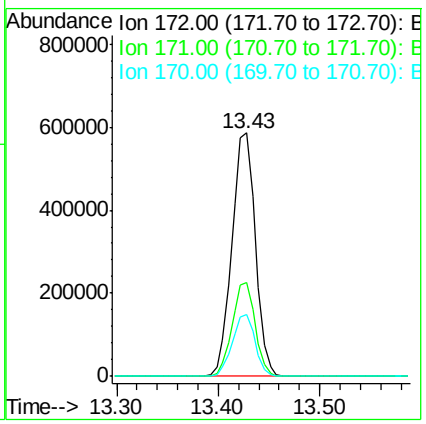


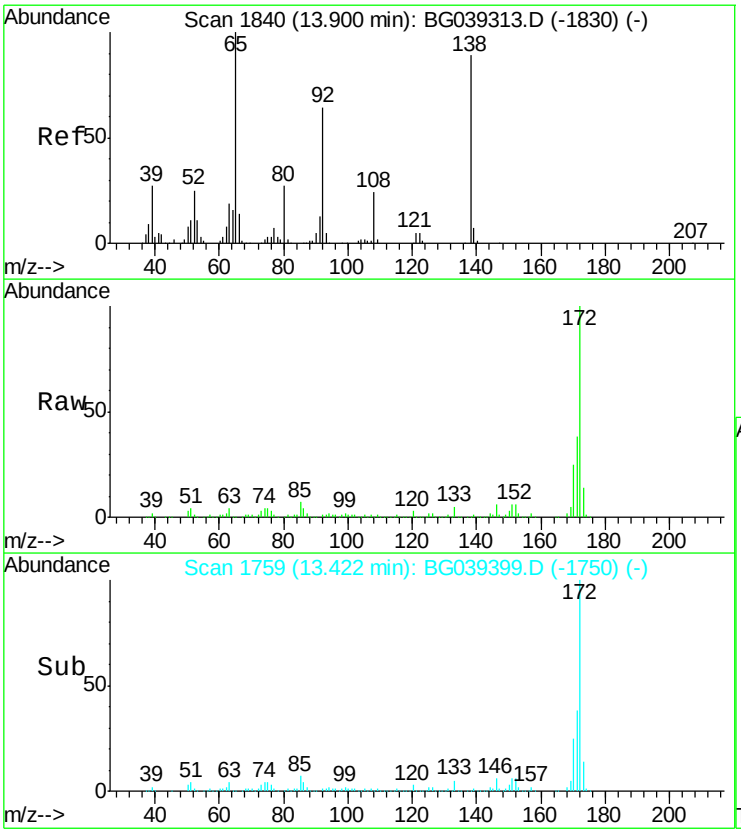
#45
2-Fluorobiphenyl
Concen: 89.92 ng
RT: 13.43 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BG039399.D
Acq: 8 Feb 2019 2:11

Instrument :
BNA_G
ClientSampleId :
PB116922TB

Tgt Ion:172 Resp: 939395

Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.8	46.2
170	25.6	20.2	30.4

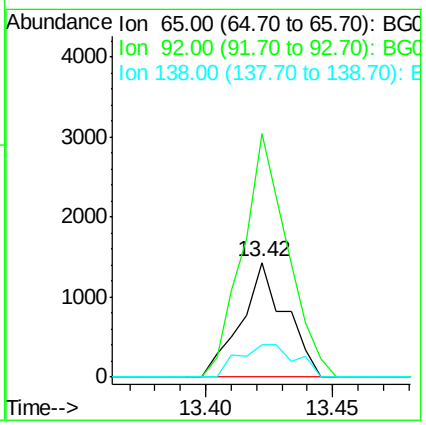


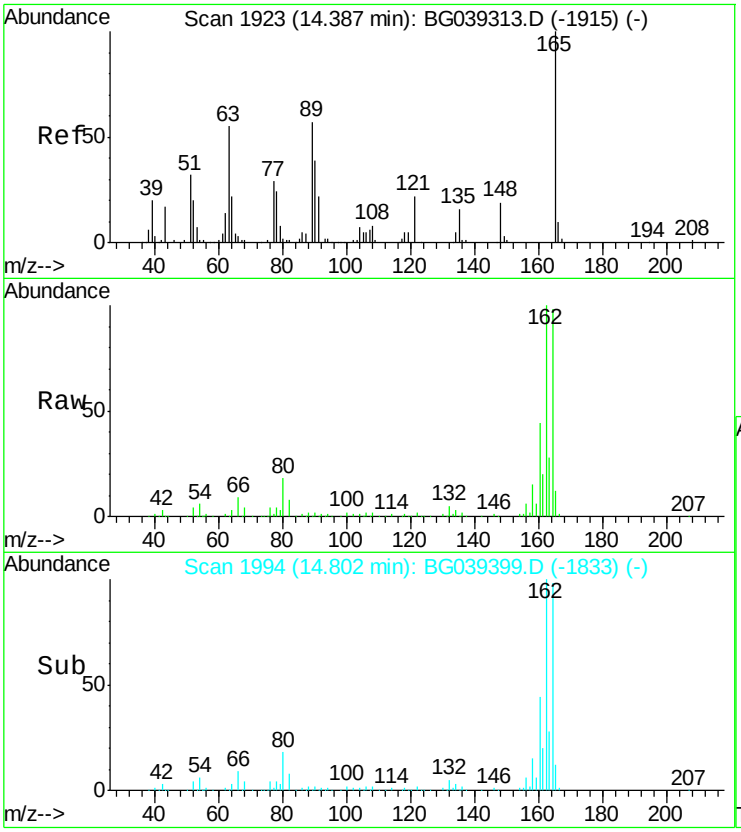


#48
2-Nitroaniline
Concen: 8.84 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.48 min
Lab File: BG039399.D
Acq: 8 Feb 2019 2:11

Tgt Ion: 65 Resp: 1759

Ion	Ratio	Lower	Upper
65	100		
92	212.6	51.4	77.2#
138	28.4	71.4	107.2#



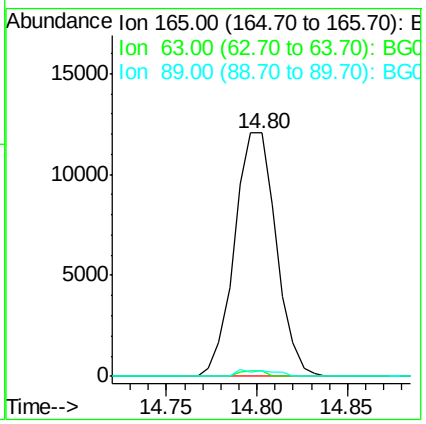


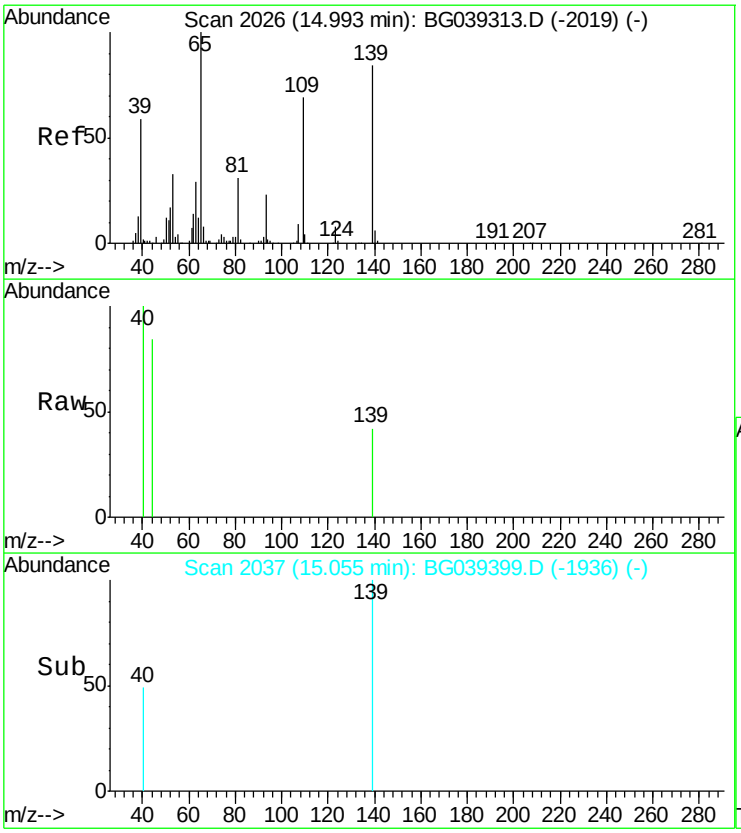
#51
2,6-Dinitrotoluene
Concen: 13.92 ng
RT: 14.80 min Scan# 1994
Delta R.T. 0.42 min
Lab File: BG039399.D
Acq: 8 Feb 2019 2:11

Instrument :
BNA_G
ClientSampleId :
PB116922TB

Tgt Ion:165 Resp: 19295

Ion	Ratio	Lower	Upper
165	100		
63	2.4	47.0	70.6#
89	2.5	45.8	68.8#

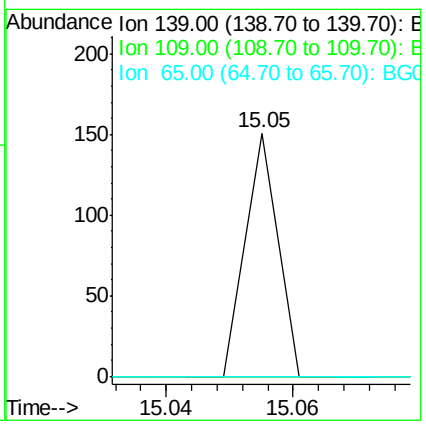


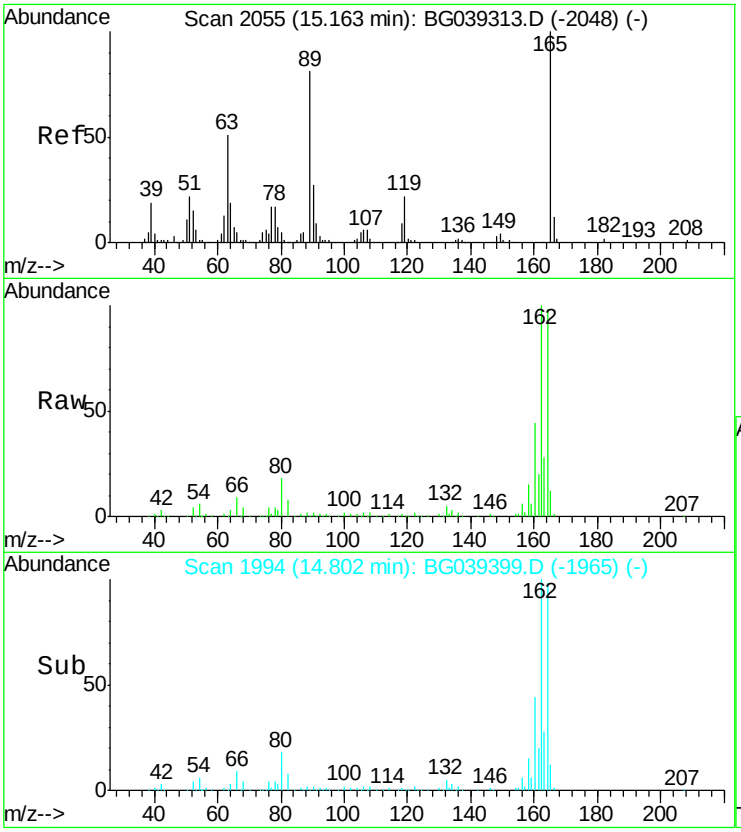


#56
4-Nitrophenol
Concen: 5.82 ng
RT: 15.05 min Scan# 2037
Delta R.T. 0.06 min
Lab File: BG039399.D
Acq: 8 Feb 2019 2:11

Tgt Ion:139 Resp: 53

Ion	Ratio	Lower	Upper
139	100		
109	0.0	61.9	101.9#
65	0.0	99.1	139.1#



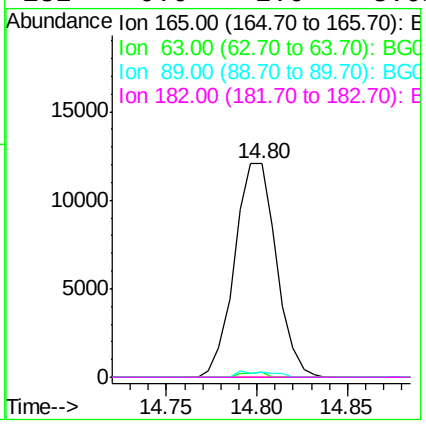


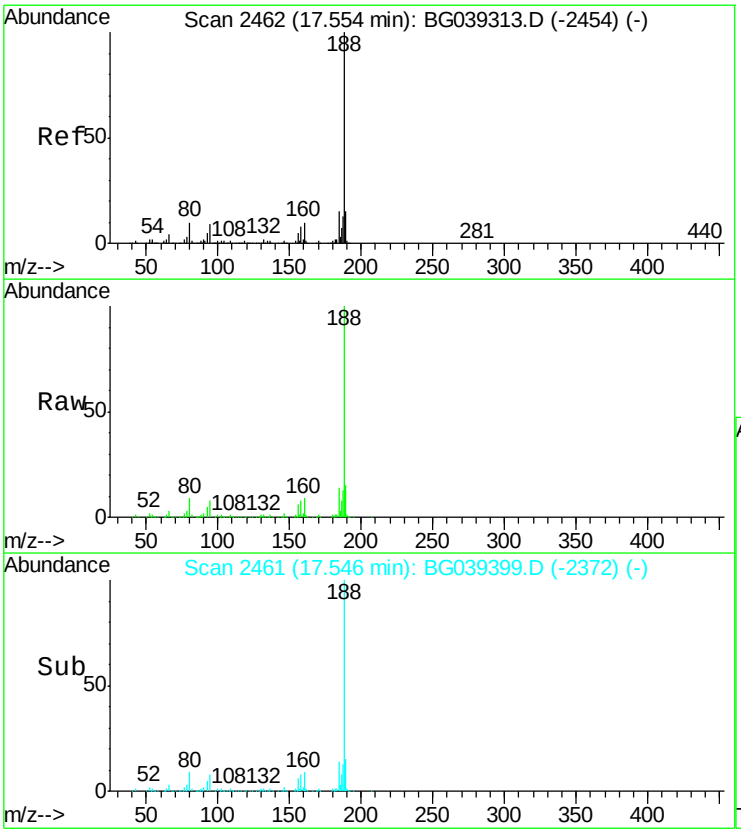
#57
2,4-Dinitrotoluene
Concen: 13.40 ng
RT: 14.80 min Scan# 1994
Delta R.T. -0.36 min
Lab File: BG039399.D
Acq: 8 Feb 2019 2:11

Instrument :
BNA_G
ClientSampleId :
PB116922TB

Tgt Ion:165 Resp: 19295

Ion	Ratio	Lower	Upper
165	100		
63	2.4	41.0	61.6#
89	2.5	64.6	96.8#
182	0.0	2.0	3.0#

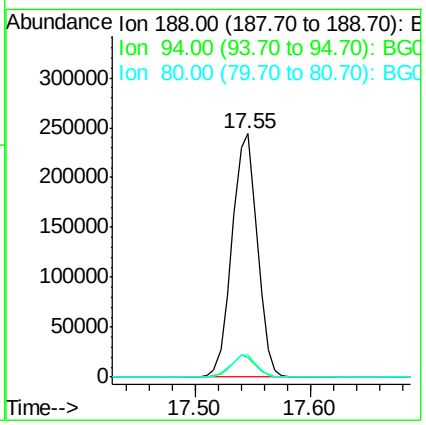


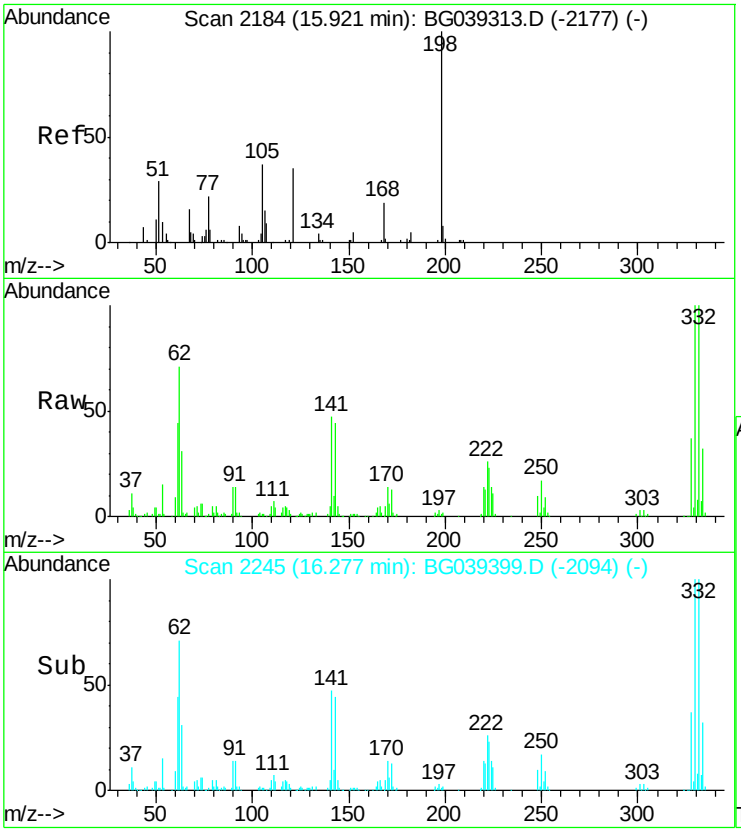


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BG039399.D
Acq: 8 Feb 2019 2:11

Tgt Ion:188 Resp: 370495

Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.9	10.3
80	8.9	8.1	12.1



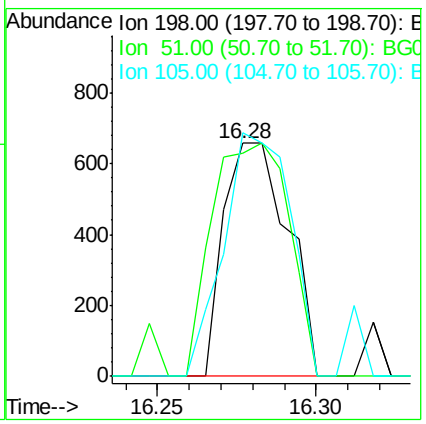


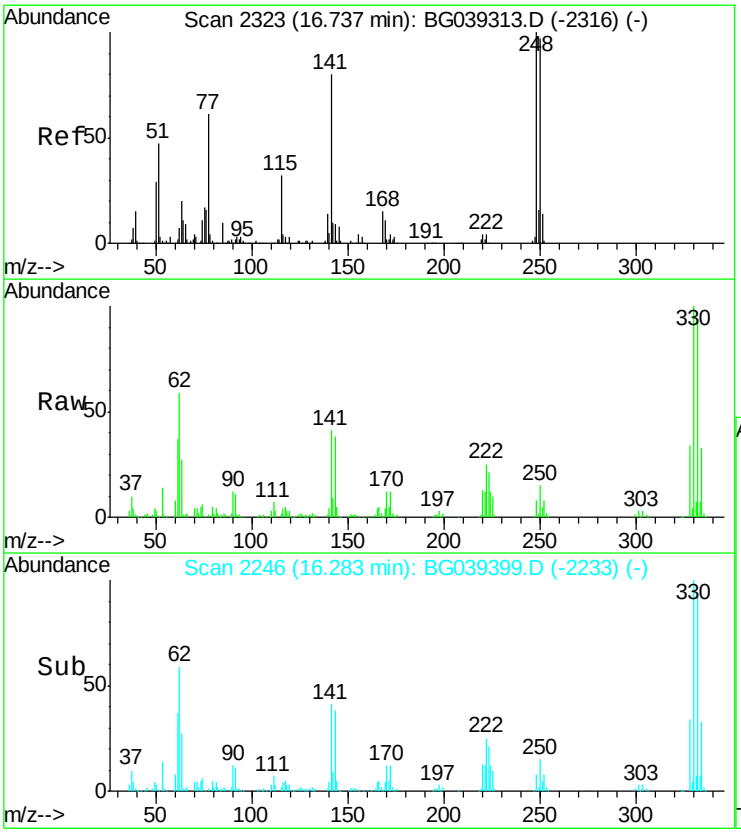
#65
4,6-Dinitro-2-methylphenol
Concen: 4.97 ng
RT: 16.28 min Scan# 2245
Delta R.T. 0.36 min
Lab File: BG039399.D
Acq: 8 Feb 2019 2:11

Instrument :
BNA_G
ClientSampleId :
PB116922TB

Tgt Ion:198 Resp: 918

Ion	Ratio	Lower	Upper
198	100		
51	95.7	27.4	67.4#
105	104.6	19.7	59.7#

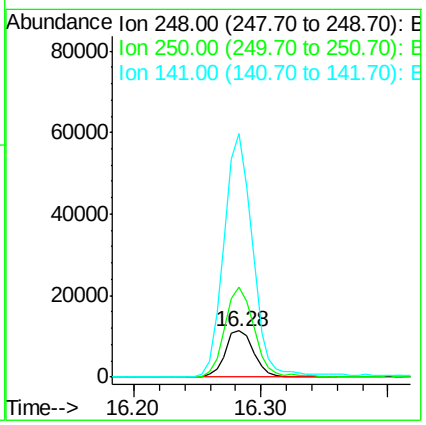


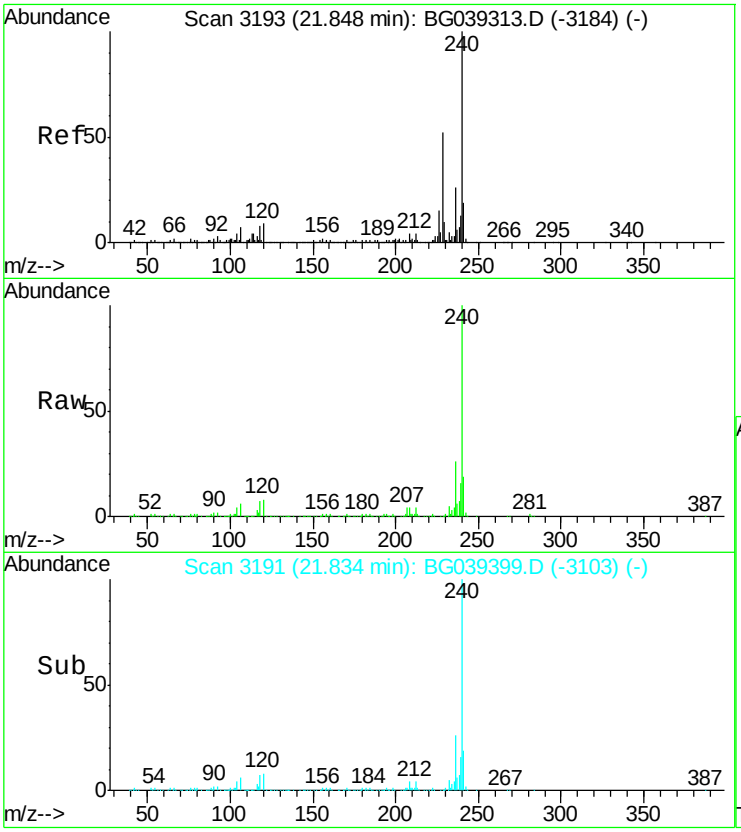


#67
4-Bromophenyl-phenylether
Concen: 4.35 ng
RT: 16.28 min Scan# 2246
Delta R.T. -0.45 min
Lab File: BG039399.D
Acq: 8 Feb 2019 2:11

Tgt Ion:248 Resp: 17880

Ion	Ratio	Lower	Upper
248	100		
250	195.5	77.6	116.4#
141	526.4	63.9	95.9#



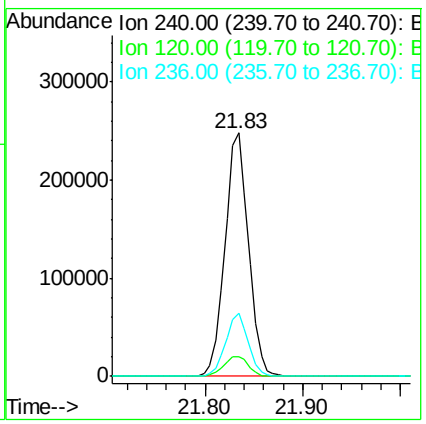


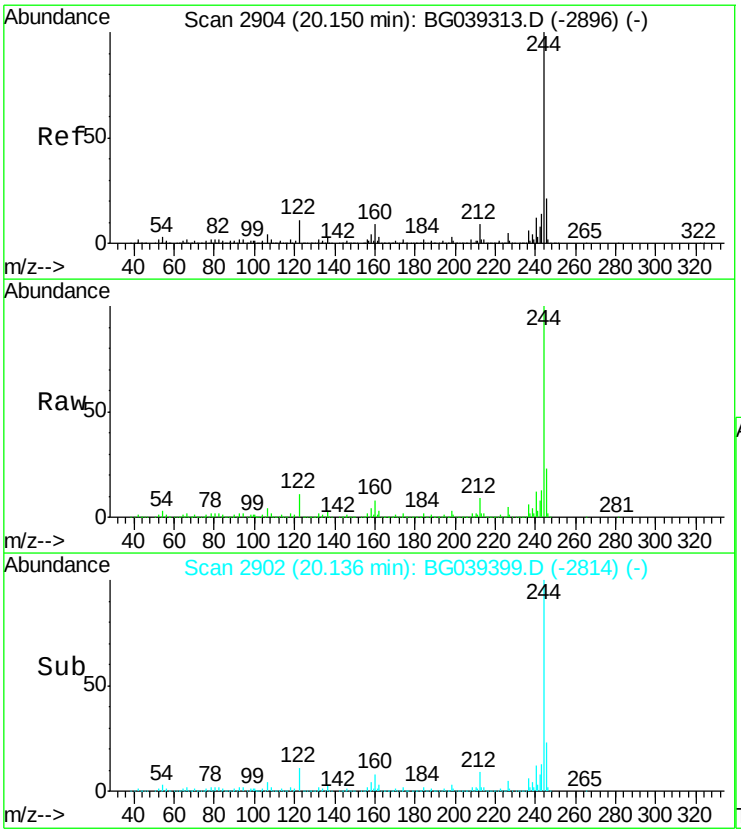
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.83 min Scan# 3191
Delta R.T. -0.01 min
Lab File: BG039399.D
Acq: 8 Feb 2019 2:11

Instrument :
BNA_G
ClientSampleId :
PB116922TB

Tgt Ion:240 Resp: 414164

Ion	Ratio	Lower	Upper
240	100		
120	7.9	7.0	10.6
236	25.9	21.0	31.4

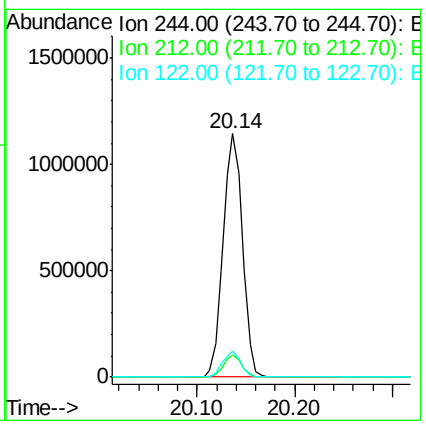


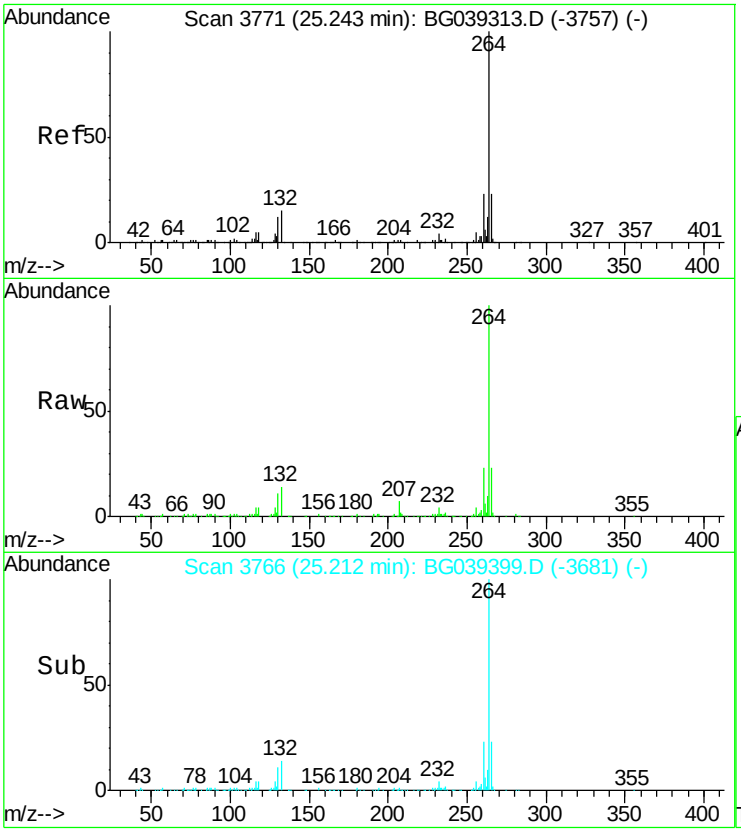


#79
Terphenyl-d14
Concen: 80.26 ng
RT: 20.14 min Scan# 2902
Delta R.T. -0.01 min
Lab File: BG039399.D
Acq: 8 Feb 2019 2:11

Tgt Ion:244 Resp: 1570481

Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.3	10.9
122	10.5	8.4	12.6





#87
Perylene-d12
Concen: 20.00 ng
RT: 25.21 min Scan# 3766
Delta R.T. -0.03 min
Lab File: BG039399.D
Acq: 8 Feb 2019 2:11

Instrument :
BNA_G
ClientSampleId :
PB116922TB

Tgt Ion:264 Resp: 400718

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.2	27.4
265	22.6	18.5	27.7