Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG022519\
Data File : BG039592.D
Acq On : 25 Feb 2019 18:32
Operator : JU/SJ
Sample : K1586-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : M-1

Quant Time: Feb 25 21:43:10 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	58569	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	254895	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	175640	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	425718	20.00	ng	-0.02
76) Chrysene-d12	21.82	240	423953	20.00	ng	-0.02
87) Perylene-d12	25.20	264	343649	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	431246	126.02	ng	0.00
7) Phenol-d6	7.31	99	553925	109.97	ng	0.00
23) Nitrobenzene-d5	9.35	82	429428	105.25	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	200160	105.83	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	1013222	82.76	ng	-0.02
79) Terphenyl-d14	20.13	244	1651907	82.48	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	7.32	77	969	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	9.35	70	55755	15.595	ng	# 65
32) Benzoic acid	10.22	122	1226	9.437	ng	# 81
48) 2-Nitroaniline	13.42	65	1940	8.804	ng	# 1
51) 2,6-Dinitrotoluene	14.79	165	22621	13.926	ng	# 24
56) 4-Nitrophenol	15.19	139	55	5.814	ng	# 1
57) 2,4-Dinitrotoluene	14.79	165	22621	13.400	ng	# 19
65) 4,6-Dinitro-2-methylphenol	16.27	198	611	4.634	ng	# 1
67) 4-Bromophenyl-phenylether	16.28	248	15707	3.326	ng	# 1
77) Benzidine	20.13	184	29629	2.132	ng	# 93

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG022519\
Data File : BG039592.D
Acq On : 25 Feb 2019 18:32
Operator : JU/SJ
Sample : K1586-04
Misc :
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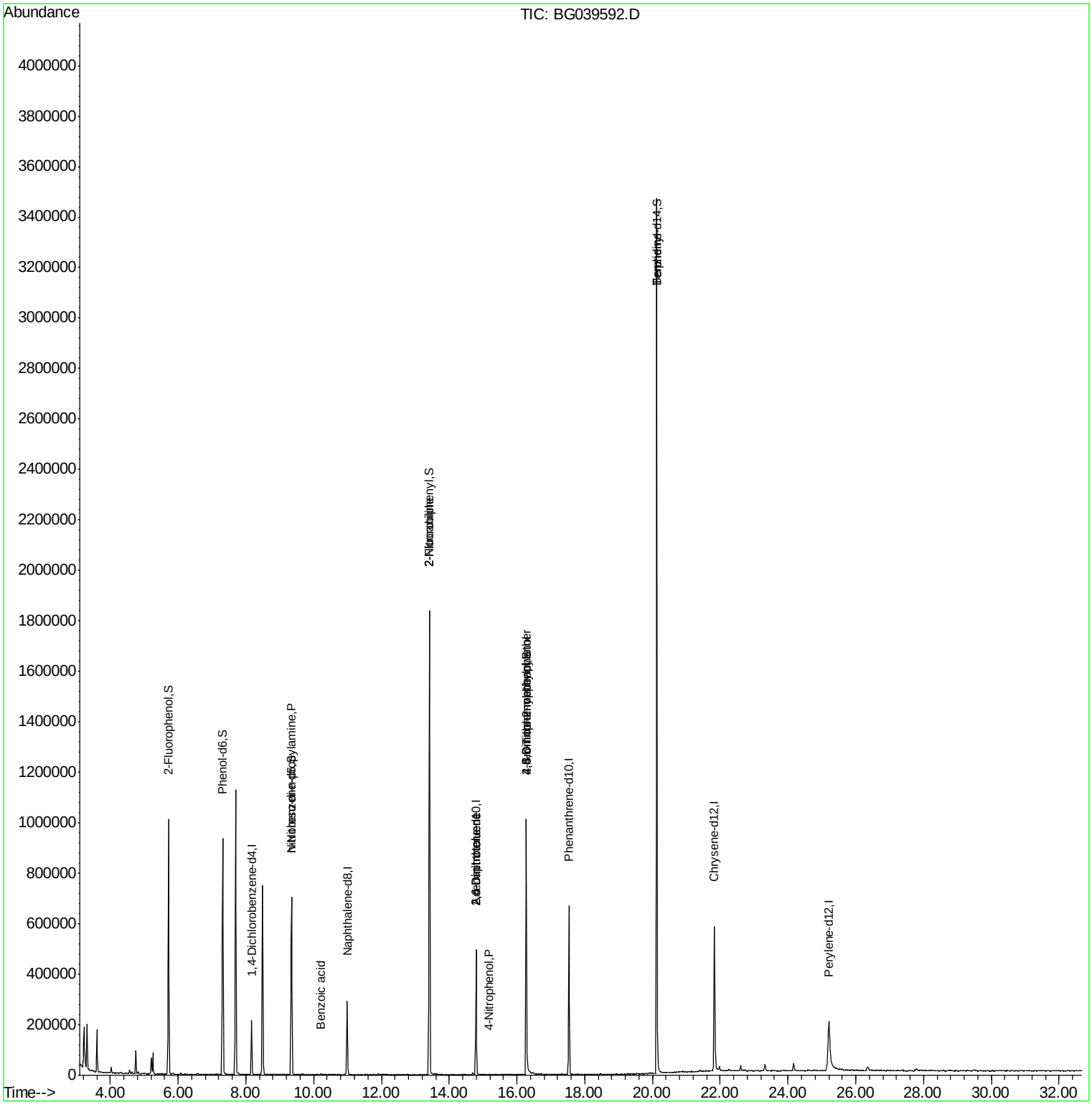
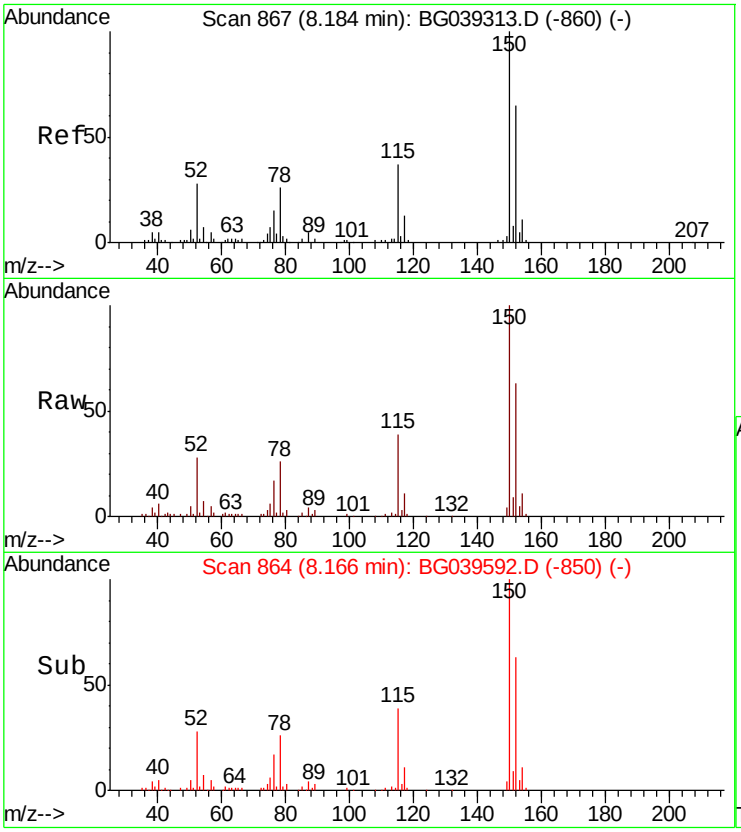
Instrument :
BNA_G
ClientSampleId :
M-1

Quant Time: Feb 25 21:43:10 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



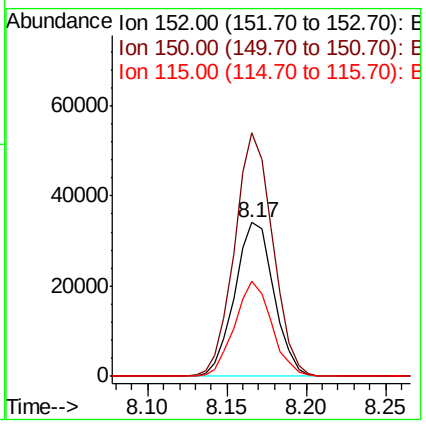


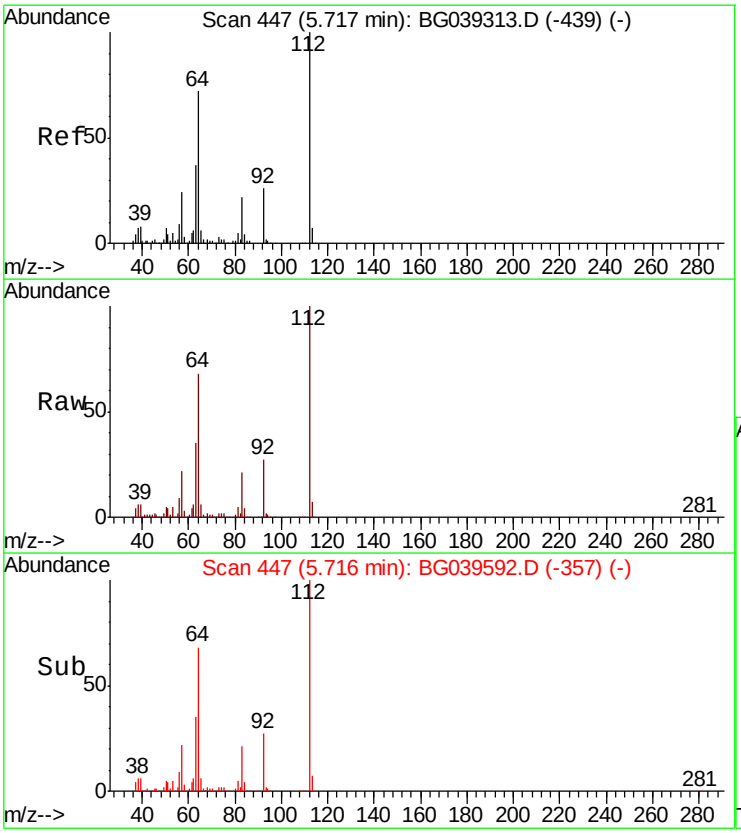
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 864
Delta R.T. -0.02 min
Lab File: BG039592.D
Acq: 25 Feb 2019 18:32

Instrument :
BNA_G
ClientSampleId :
M-1

Tgt Ion:152 Resp: 58569

Ion	Ratio	Lower	Upper
152	100		
150	158.5	123.7	185.5
115	61.7	45.9	68.9

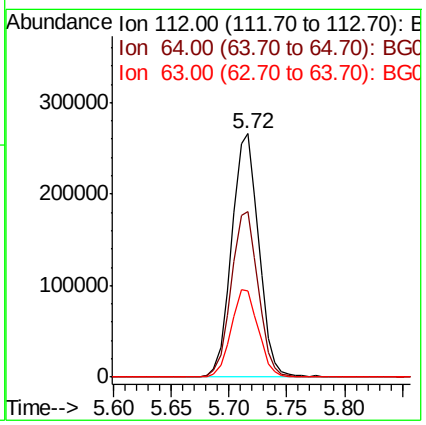


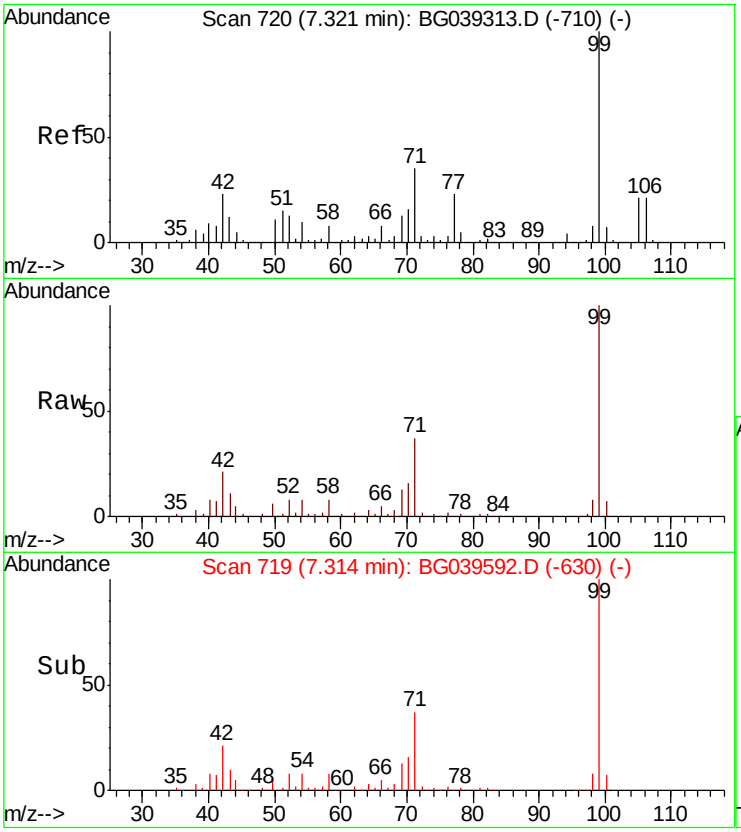


#5
2-Fluorophenol
Concen: 126.019 ng
RT: 5.72 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039592.D
Acq: 25 Feb 2019 18:32

Tgt Ion:112 Resp: 431246

Ion	Ratio	Lower	Upper
112	100		
64	68.2	57.8	86.8
63	35.2	29.8	44.6



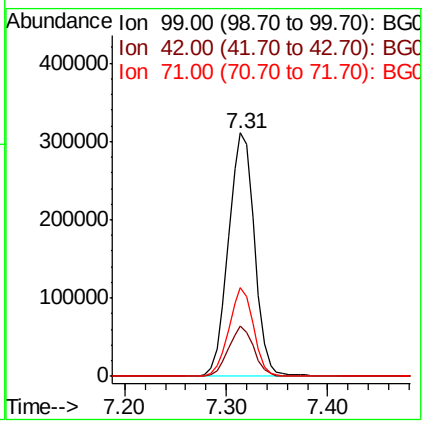


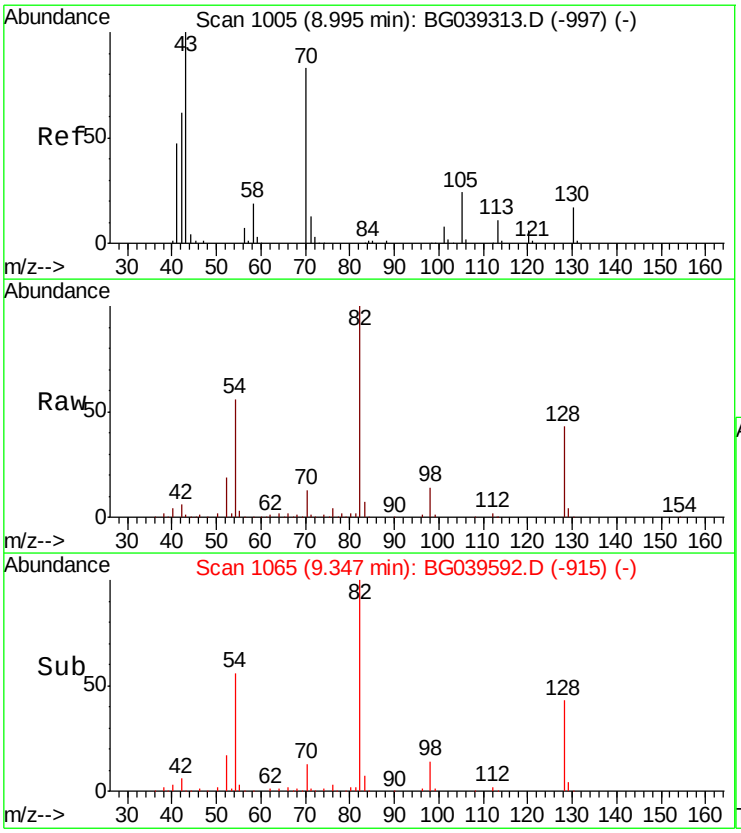
#7
Phenol-d6
Concen: 109.967 ng
RT: 7.31 min Scan# 719
Delta R.T. -0.01 min
Lab File: BG039592.D
Acq: 25 Feb 2019 18:32

Instrument :
BNA_G
ClientSampleId :
M-1

Tgt Ion: 99 Resp: 553925

Ion	Ratio	Lower	Upper
99	100		
42	20.7	18.2	27.2
71	36.6	28.0	42.0

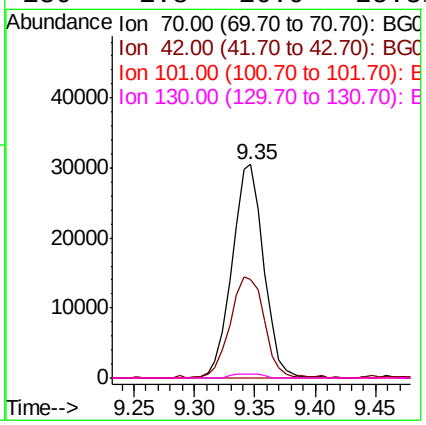


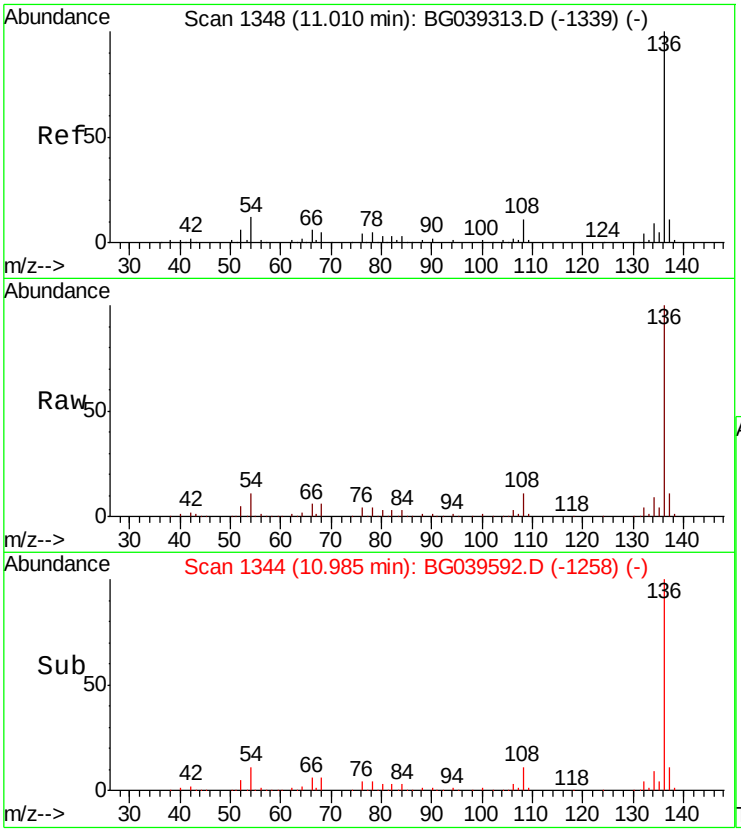


#19
n-Nitroso-di-n-propylamine
Concen: 15.595 ng
RT: 9.35 min Scan# 1065
Delta R.T. 0.35 min
Lab File: BG039592.D
Acq: 25 Feb 2019 18:32

Tgt Ion: 70 Resp: 55755

Ion	Ratio	Lower	Upper
70	100		
42	46.2	60.4	90.6#
101	0.0	7.5	11.3#
130	1.8	16.9	25.3#



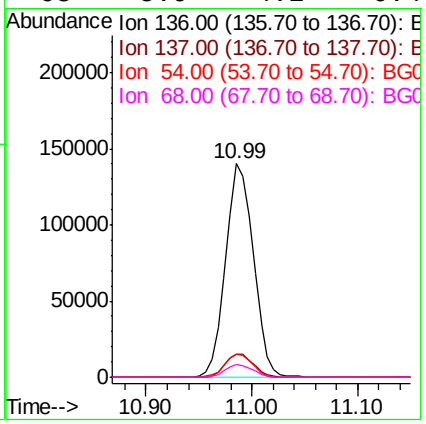


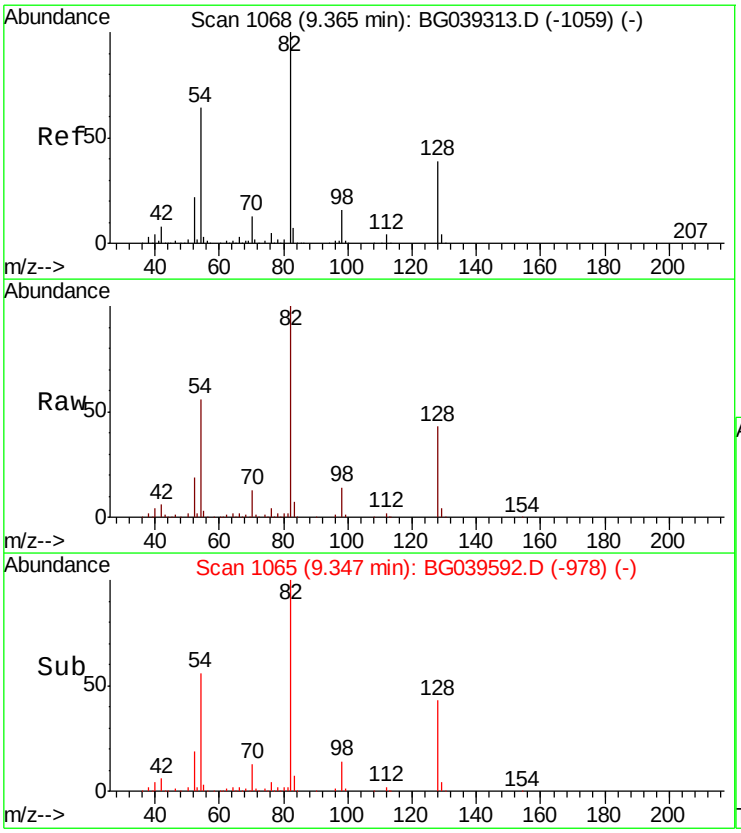
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1344
Delta R.T. -0.02 min
Lab File: BG039592.D
Acq: 25 Feb 2019 18:32

Instrument :
BNA_G
ClientSampleId :
M-1

Tgt Ion:136 Resp: 254895

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	11.0	9.4	14.2
68	5.9	4.2	6.4

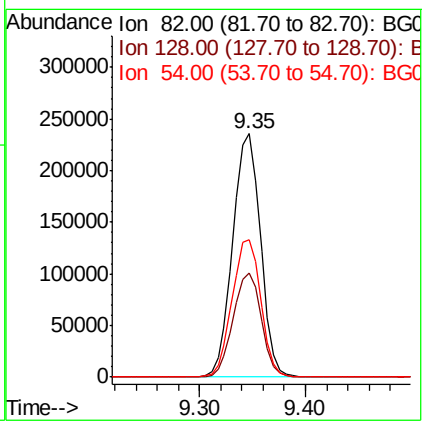


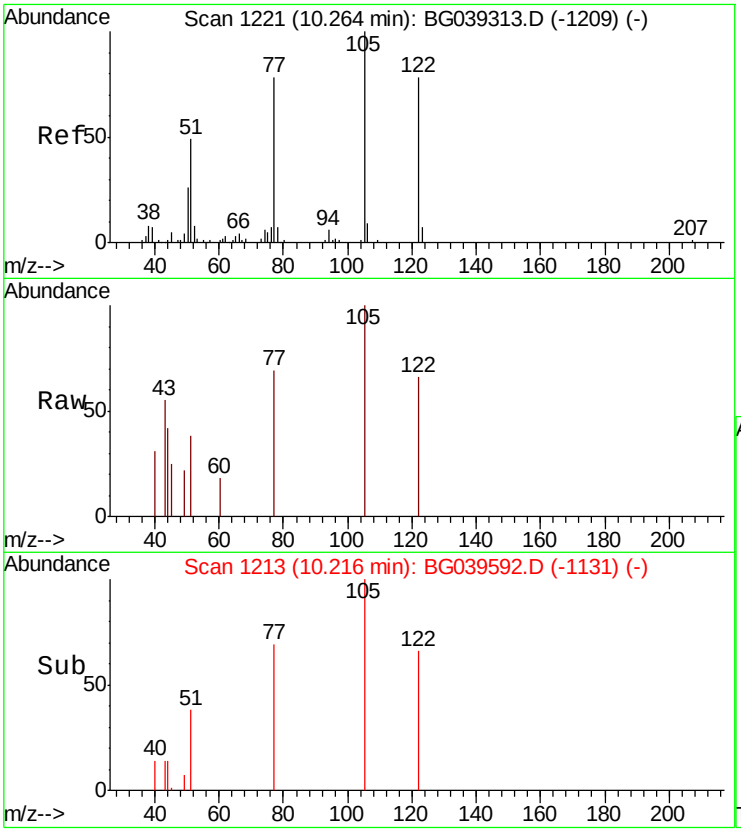


#23
Nitrobenzene-d5
Concen: 105.247 ng
RT: 9.35 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039592.D
Acq: 25 Feb 2019 18:32

Tgt Ion: 82 Resp: 429428

Ion	Ratio	Lower	Upper
82	100		
128	42.9	31.3	46.9
54	56.2	50.9	76.3



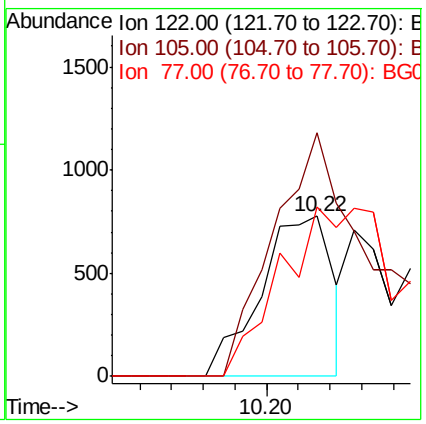


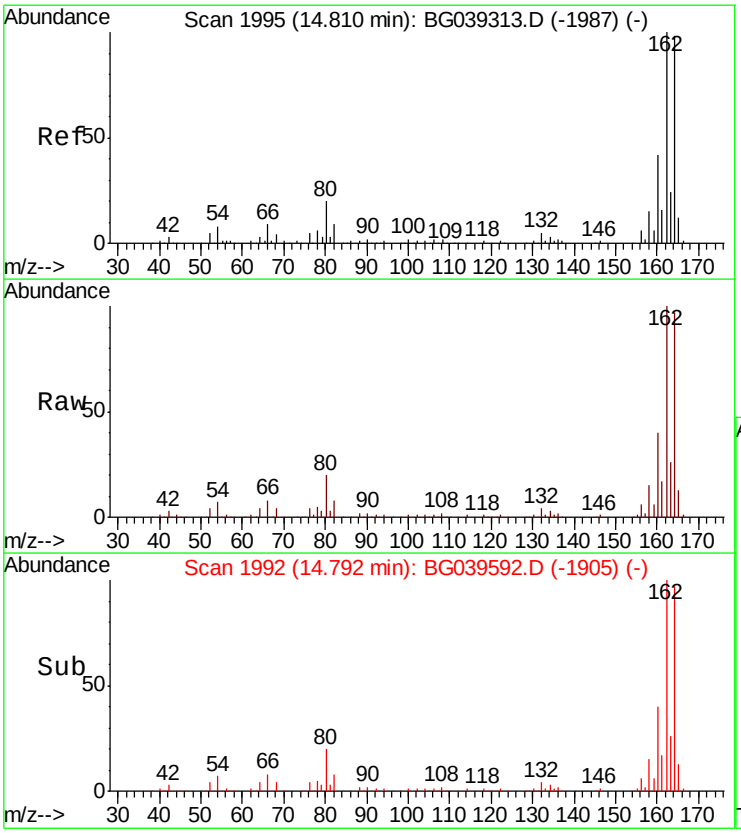
#32
Benzoic acid
Concen: 9.437 ng
RT: 10.22 min Scan# 1213
Delta R.T. -0.05 min
Lab File: BG039592.D
Acq: 25 Feb 2019 18:32

Instrument :
BNA_G
ClientSampleId :
M-1

Tgt Ion:122 Resp: 1226

Ion	Ratio	Lower	Upper
122	100		
105	152.1	101.8	141.8#
77	105.5	76.3	116.3

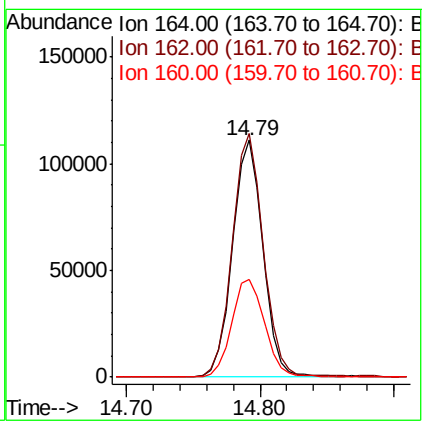


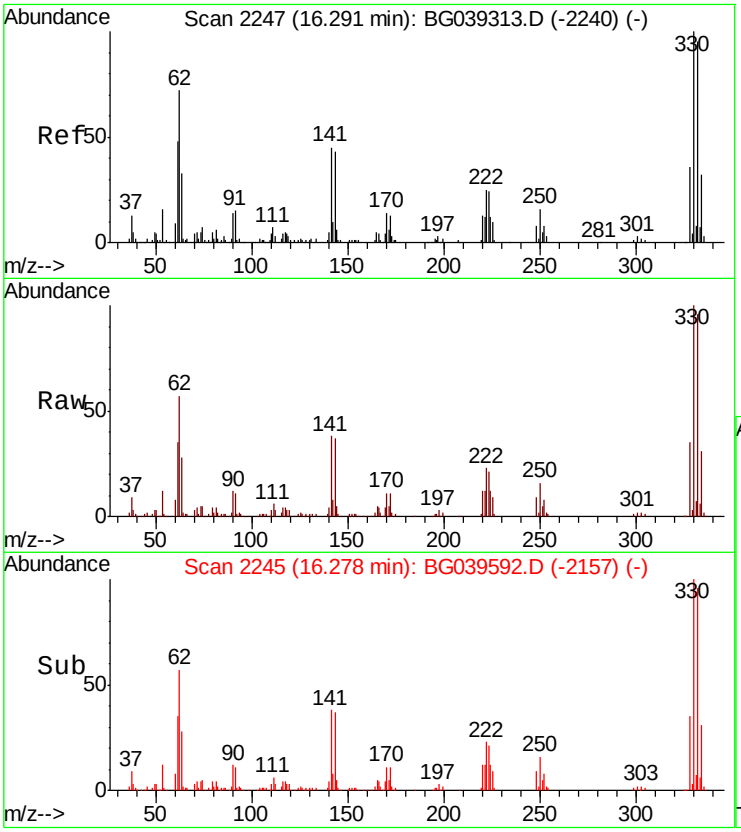


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.02 min
Lab File: BG039592.D
Acq: 25 Feb 2019 18:32

Tgt Ion:164 Resp: 175640

Ion	Ratio	Lower	Upper
164	100		
162	102.7	81.6	122.4
160	41.3	34.2	51.2



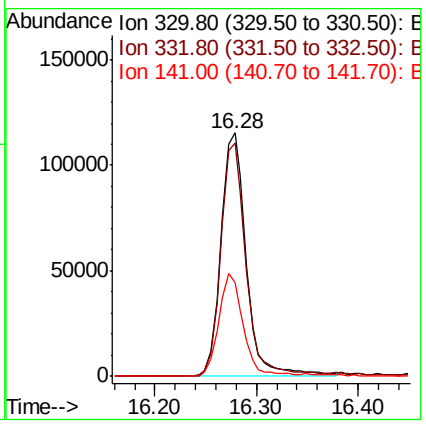


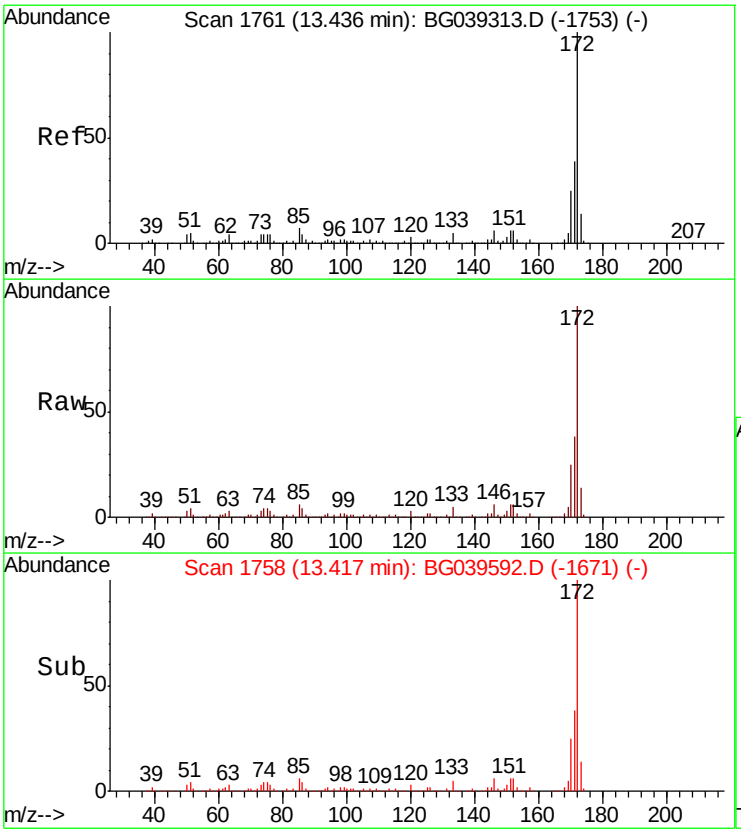
#42
2,4,6-Tribromophenol
Concen: 105.830 ng
RT: 16.28 min Scan# 2245
Delta R.T. -0.01 min
Lab File: BG039592.D
Acq: 25 Feb 2019 18:32

Instrument :
BNA_G
ClientSampleId :
M-1

Tgt Ion:330 Resp: 200160

Ion	Ratio	Lower	Upper
330	100		
332	96.2	75.7	113.5
141	41.6	35.6	53.4

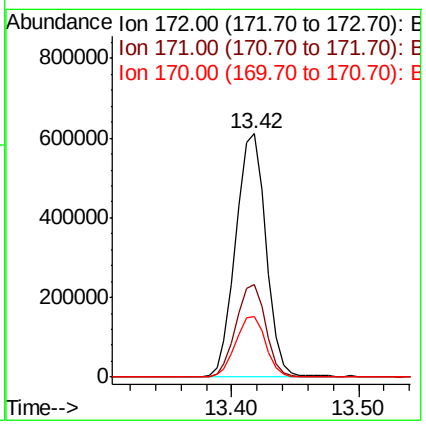


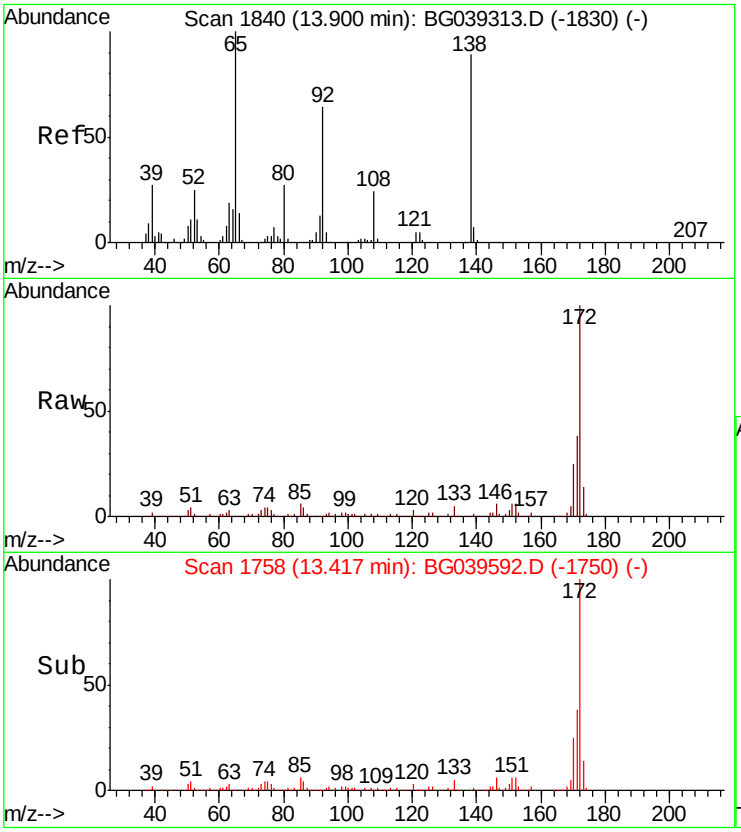


#45
2-Fluorobiphenyl
Concen: 82.756 ng
RT: 13.42 min Scan# 1758
Delta R.T. -0.02 min
Lab File: BG039592.D
Acq: 25 Feb 2019 18:32

Tgt Ion:172 Resp: 1013222

Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.8	46.2
170	25.0	20.2	30.4



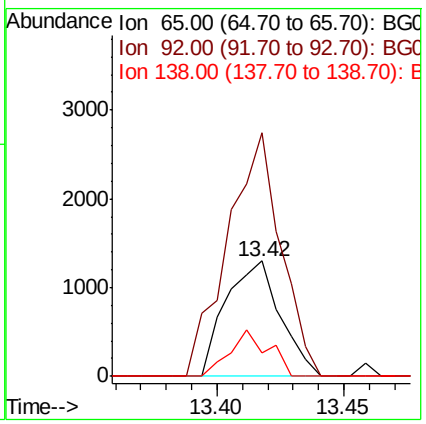


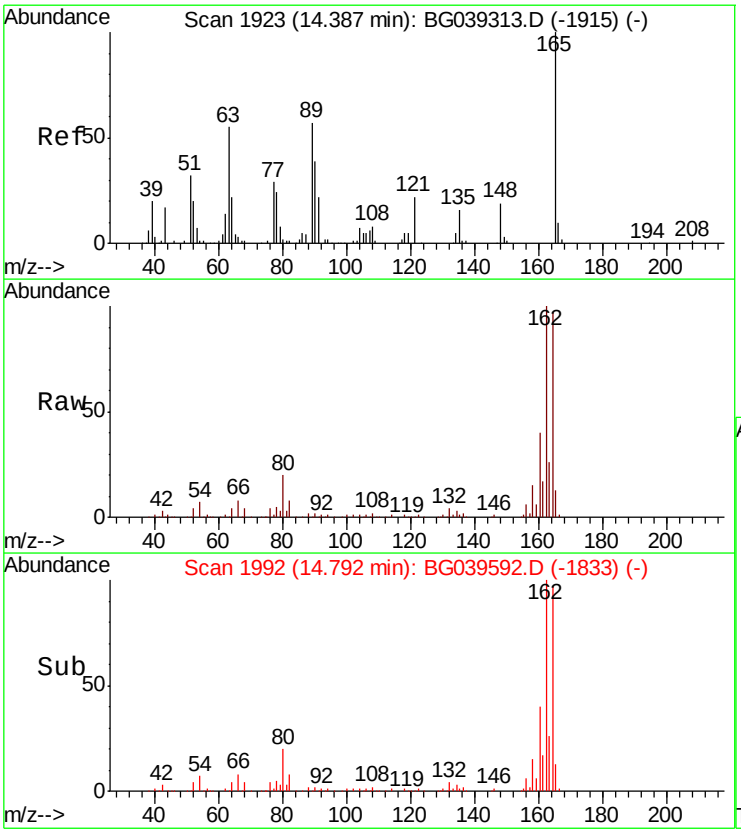
#48
2-Nitroaniline
Concen: 8.804 ng
RT: 13.42 min Scan# 1758
Delta R.T. -0.48 min
Lab File: BG039592.D
Acq: 25 Feb 2019 18:32

Instrument :
BNA_G
ClientSampleId :
M-1

Tgt Ion: 65 Resp: 1940

Ion	Ratio	Lower	Upper
65	100		
92	210.8	51.4	77.2#
138	20.2	71.4	107.2#

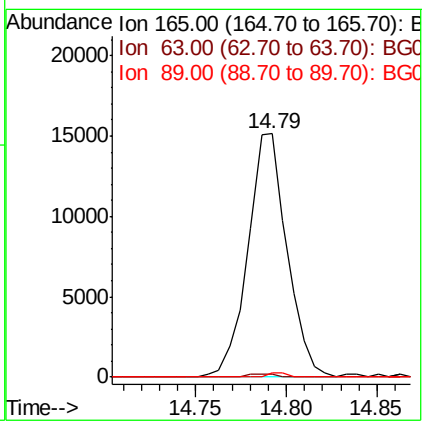


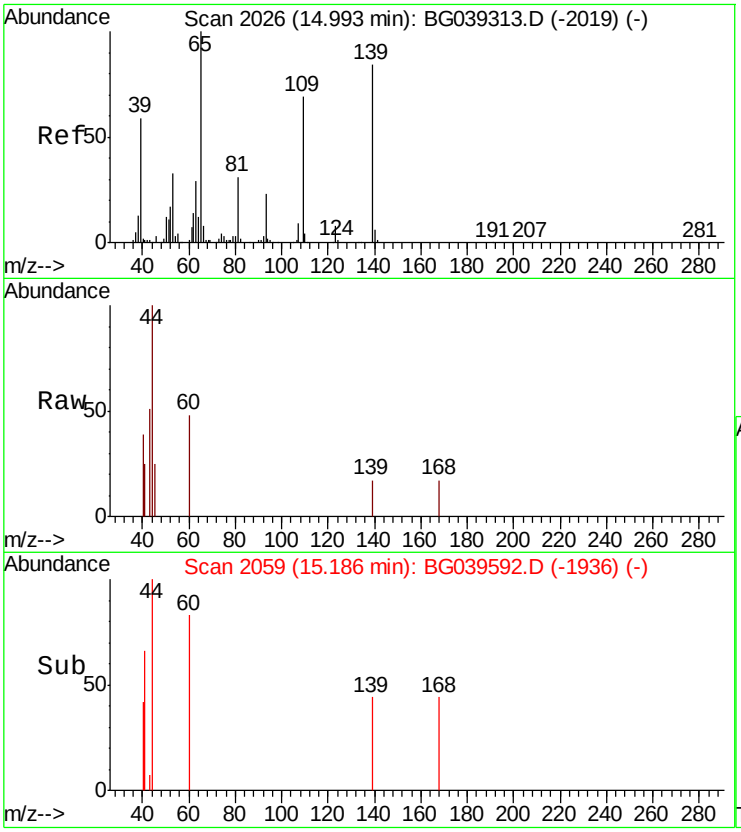


#51
2,6-Dinitrotoluene
Concen: 13.926 ng
RT: 14.79 min Scan# 1992
Delta R.T. 0.41 min
Lab File: BG039592.D
Acq: 25 Feb 2019 18:32

Tgt Ion:165 Resp: 22621

Ion	Ratio	Lower	Upper
165	100		
63	1.1	47.0	70.6#
89	1.6	45.8	68.8#



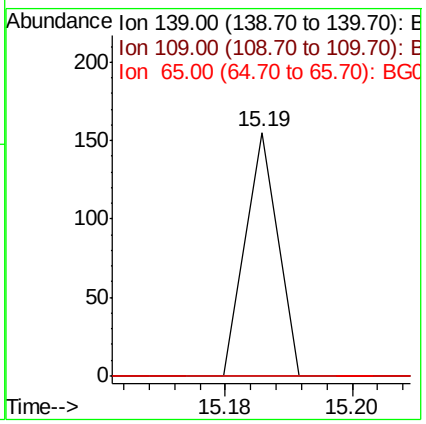


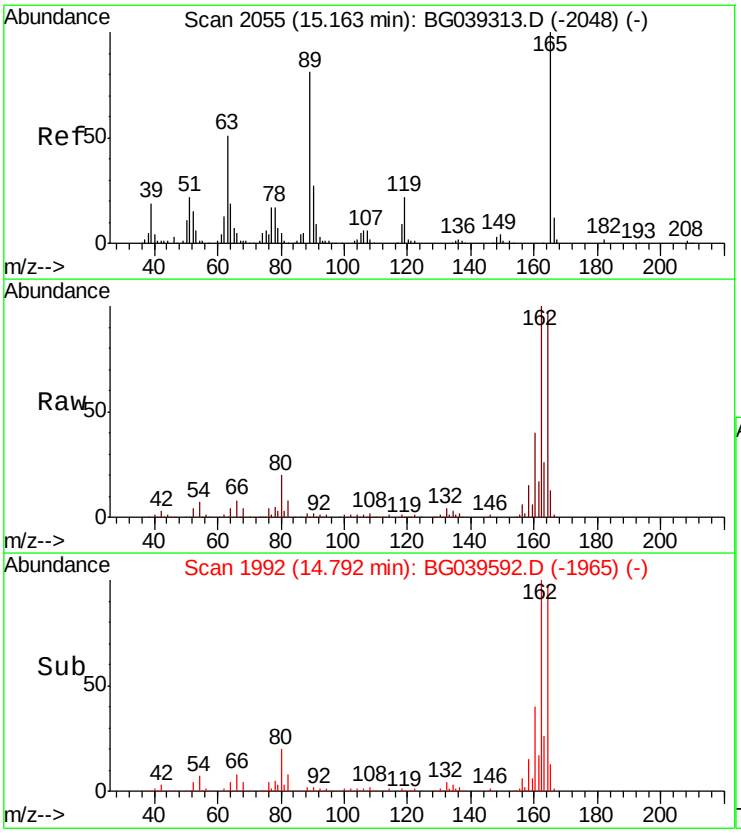
#56
4-Nitrophenol
Concen: 5.814 ng
RT: 15.19 min Scan# 2059
Delta R.T. 0.19 min
Lab File: BG039592.D
Acq: 25 Feb 2019 18:32

Instrument :
BNA_G
ClientSampleId :
M-1

Tgt Ion:139 Resp: 55

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

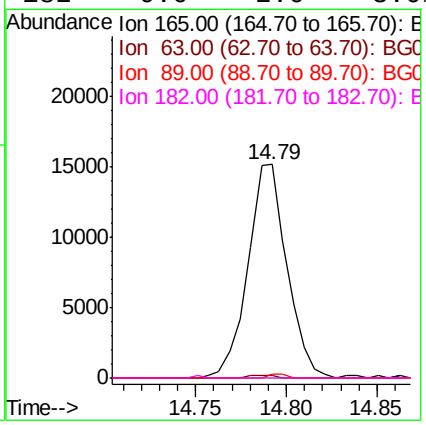


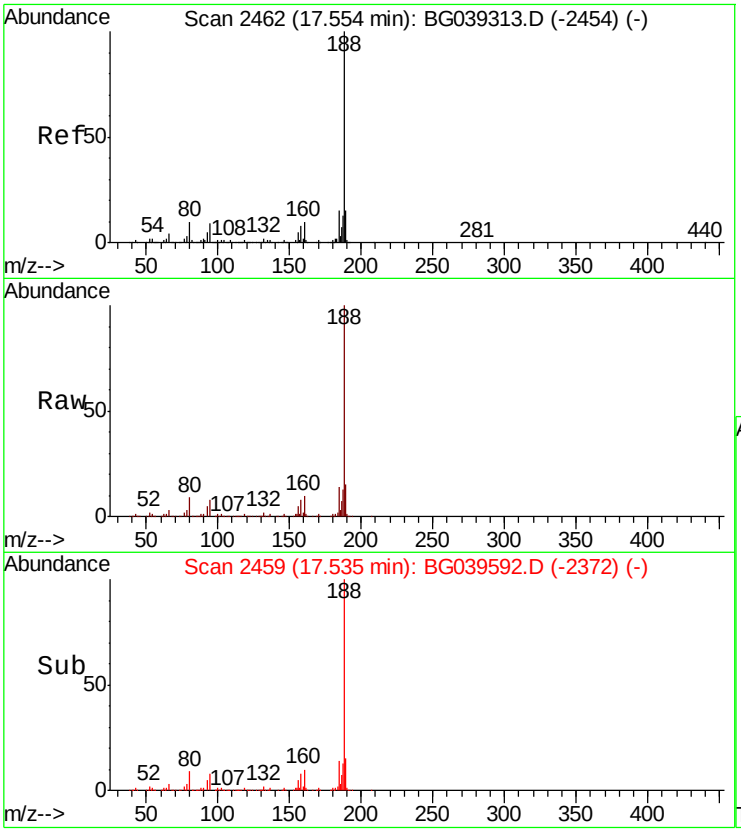


#57
2,4-Dinitrotoluene
Concen: 13.400 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.37 min
Lab File: BG039592.D
Acq: 25 Feb 2019 18:32

Tgt Ion:165 Resp: 22621

Ion	Ratio	Lower	Upper
165	100		
63	1.1	41.0	61.6#
89	1.6	64.6	96.8#
182	0.0	2.0	3.0#



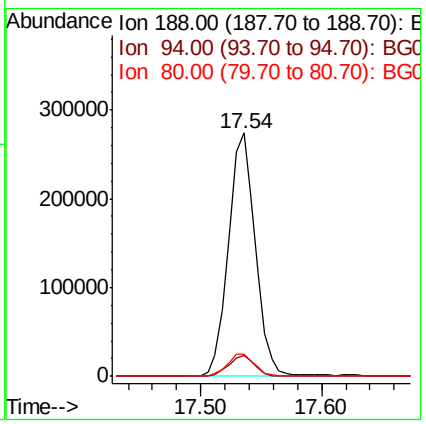


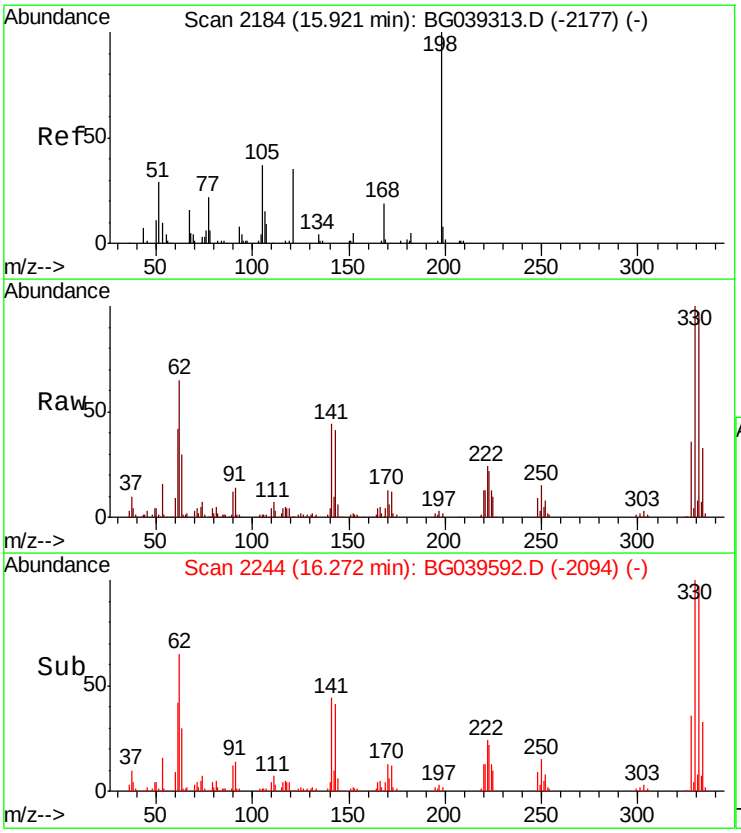
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.54 min Scan# 2459
Delta R.T. -0.02 min
Lab File: BG039592.D
Acq: 25 Feb 2019 18:32

Instrument :
BNA_G
ClientSampleId :
M-1

Tgt Ion:188 Resp: 425718

Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.9	10.3
80	8.9	8.1	12.1

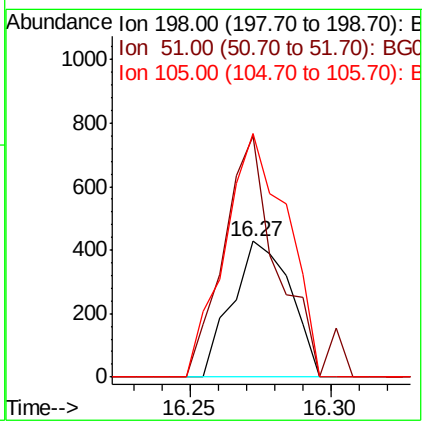


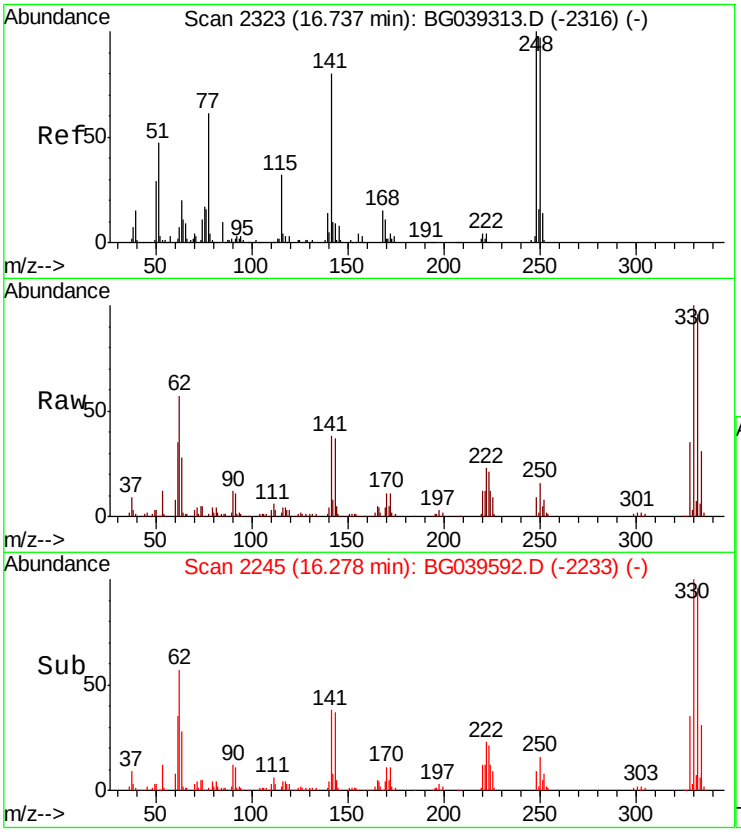


#65
4,6-Dinitro-2-methylphenol
Concen: 4.634 ng
RT: 16.27 min Scan# 2244
Delta R.T. 0.35 min
Lab File: BG039592.D
Acq: 25 Feb 2019 18:32

Tgt Ion:198 Resp: 611

Ion	Ratio	Lower	Upper
198	100		
51	177.6	27.4	67.4#
105	179.2	19.7	59.7#



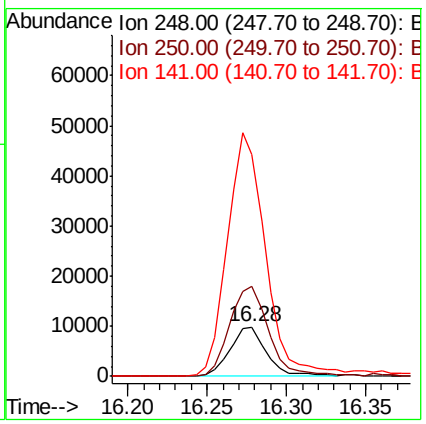


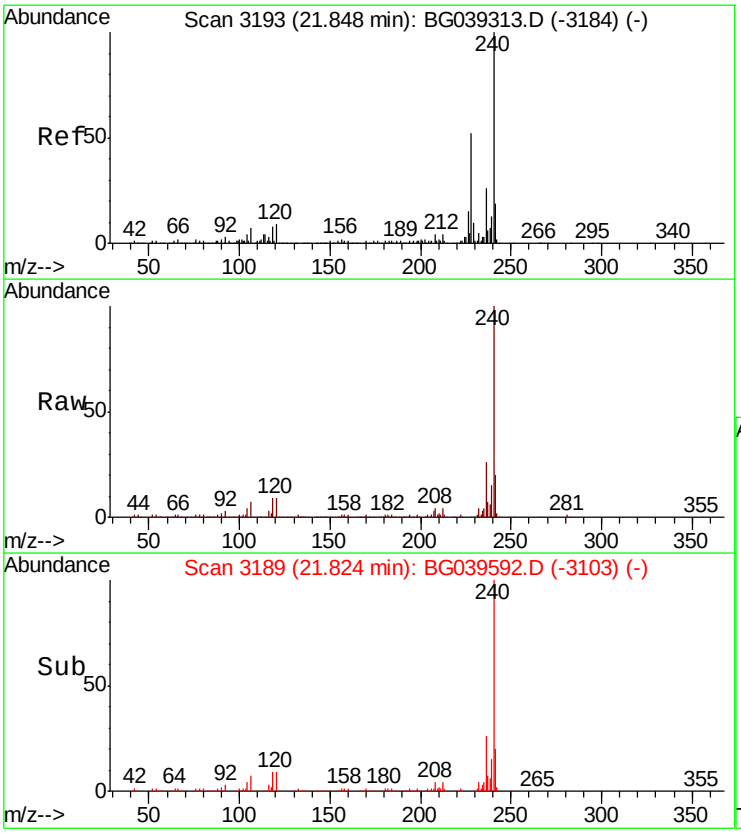
#67
4-Bromophenyl-phenylether
Concen: 3.326 ng
RT: 16.28 min Scan# 2245
Delta R.T. -0.46 min
Lab File: BG039592.D
Acq: 25 Feb 2019 18:32

Instrument :
BNA_G
ClientSampleId :
M-1

Tgt Ion:248 Resp: 15707

Ion	Ratio	Lower	Upper
248	100		
250	180.5	77.6	116.4#
141	446.4	63.9	95.9#

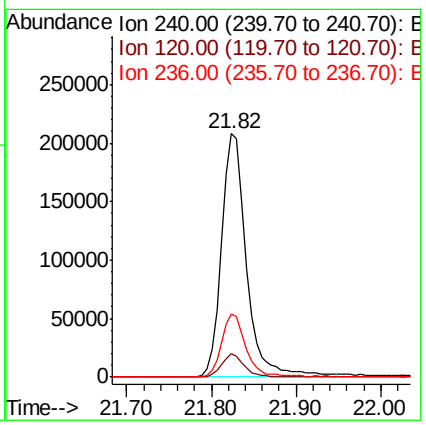


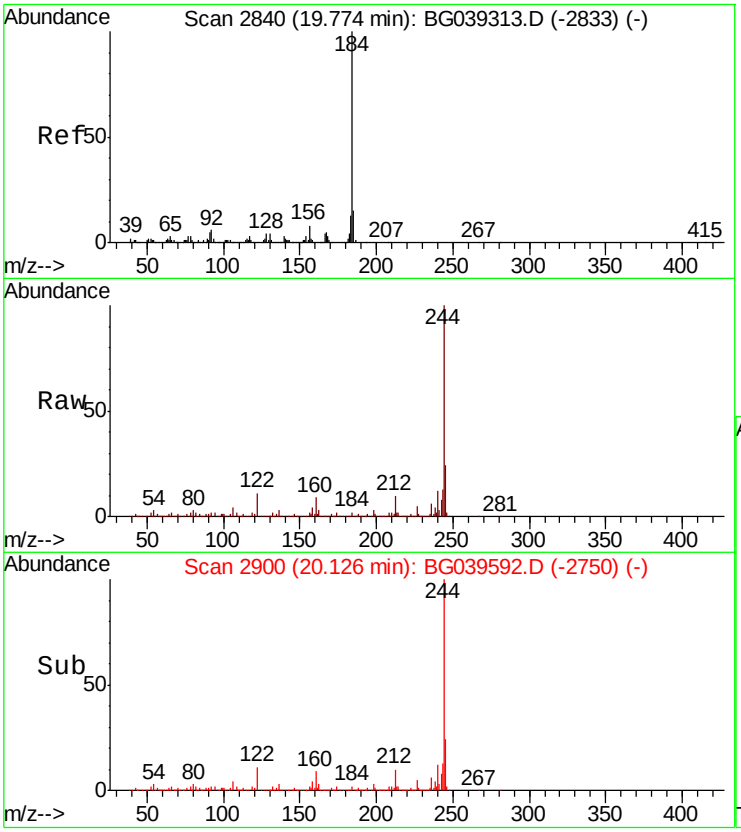


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.82 min Scan# 3189
Delta R.T. -0.02 min
Lab File: BG039592.D
Acq: 25 Feb 2019 18:32

Tgt Ion:240 Resp: 423953

Ion	Ratio	Lower	Upper
240	100		
120	9.5	7.0	10.6
236	26.1	21.0	31.4



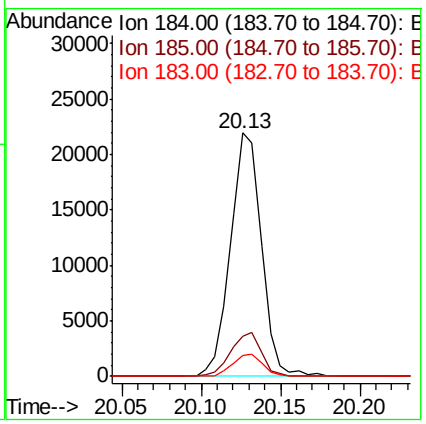


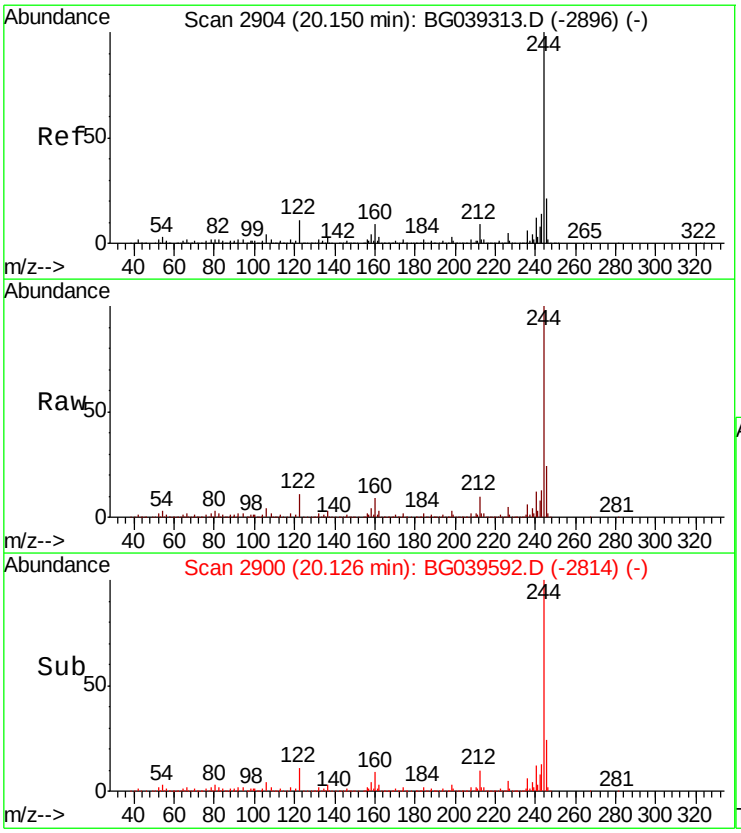
#77
Benzidine
Concen: 2.132 ng
RT: 20.13 min Scan# 2900
Delta R.T. 0.35 min
Lab File: BG039592.D
Acq: 25 Feb 2019 18:32

Instrument :
BNA_G
ClientSampleId :
M-1

Tgt Ion:184 Resp: 29629

Ion	Ratio	Lower	Upper
184	100		
185	16.3	12.2	18.2
183	8.4	10.6	15.8#

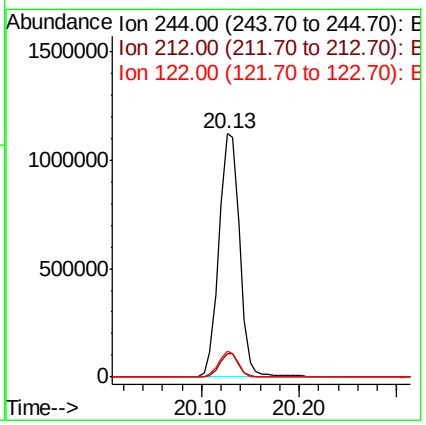


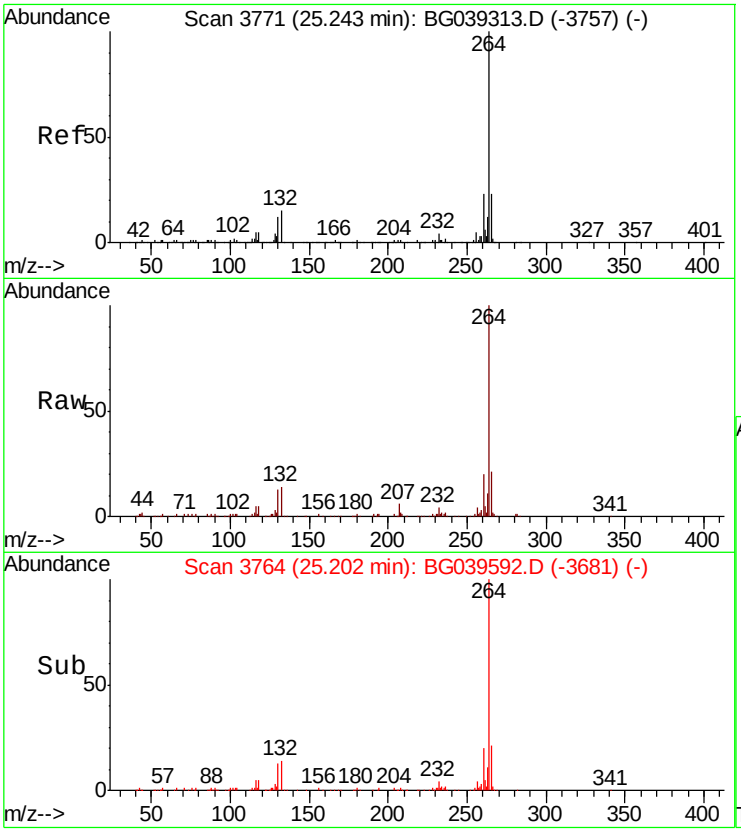


#79
Terphenyl-d14
Concen: 82.475 ng
RT: 20.13 min Scan# 2900
Delta R.T. -0.02 min
Lab File: BG039592.D
Acq: 25 Feb 2019 18:32

Tgt Ion:244 Resp: 1651907

Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.3	10.9
122	10.7	8.4	12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.20 min Scan# 3764
Delta R.T. -0.04 min
Lab File: BG039592.D
Acq: 25 Feb 2019 18:32

Instrument :
BNA_G
ClientSampleId :
M-1

Tgt Ion:264 Resp: 343649

Ion	Ratio	Lower	Upper
264	100		
260	20.3	18.2	27.4
265	21.2	18.5	27.7