Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG022519\
Data File : BG039596.D
Acq On : 25 Feb 2019 21:09
Operator : JU/SJ
Sample : K1597-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Feb 25 21:43:54 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	8.16	152	59312	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	263408	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	176043	20.00	ng	-0.02
64) Phenanthrene-d10	17.53	188	412209	20.00	ng	-0.02
76) Chrysene-d12	0.00	240	0	0.00	ng	-21.85
87) Perylene-d12	0.00	264	0	0.00	ng	-25.24
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	483868	139.63	ng	0.00
7) Phenol-d6	7.31	99	647953	127.02	ng	0.00
23) Nitrobenzene-d5	9.35	82	451405	107.06	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	179010	94.43	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	1034942	84.34	ng	-0.02
79) Terphenyl-d14	0.00	244	0	0.00	ng	
Target Compounds						Qvalue
9) Benzaldehyde	7.32	77	1188	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	9.35	70	59168	16.342	ng	# 68
32) Benzoic acid	10.22	122	1284	9.442	ng	95
48) 2-Nitroaniline	13.83	65	56	8.311	ng	# 10
50) Dimethylphthalate	14.23	163	38958	2.740	ng	98
51) 2,6-Dinitrotoluene	14.79	165	22940	14.012	ng	# 25
56) 4-Nitrophenol	15.19	139	307	5.905	ng	# 1
57) 2,4-Dinitrotoluene	14.79	165	22940	13.466	ng	# 20
65) 4,6-Dinitro-2-methylphenol	16.28	198	611	4.649	ng	# 1
67) 4-Bromophenyl-phenylether	16.28	248	13864	3.032	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG022519\
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Acq On : 25 Feb 2019 21:09
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Misc :
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Instrument :
BNA_G
ClientSampleId :

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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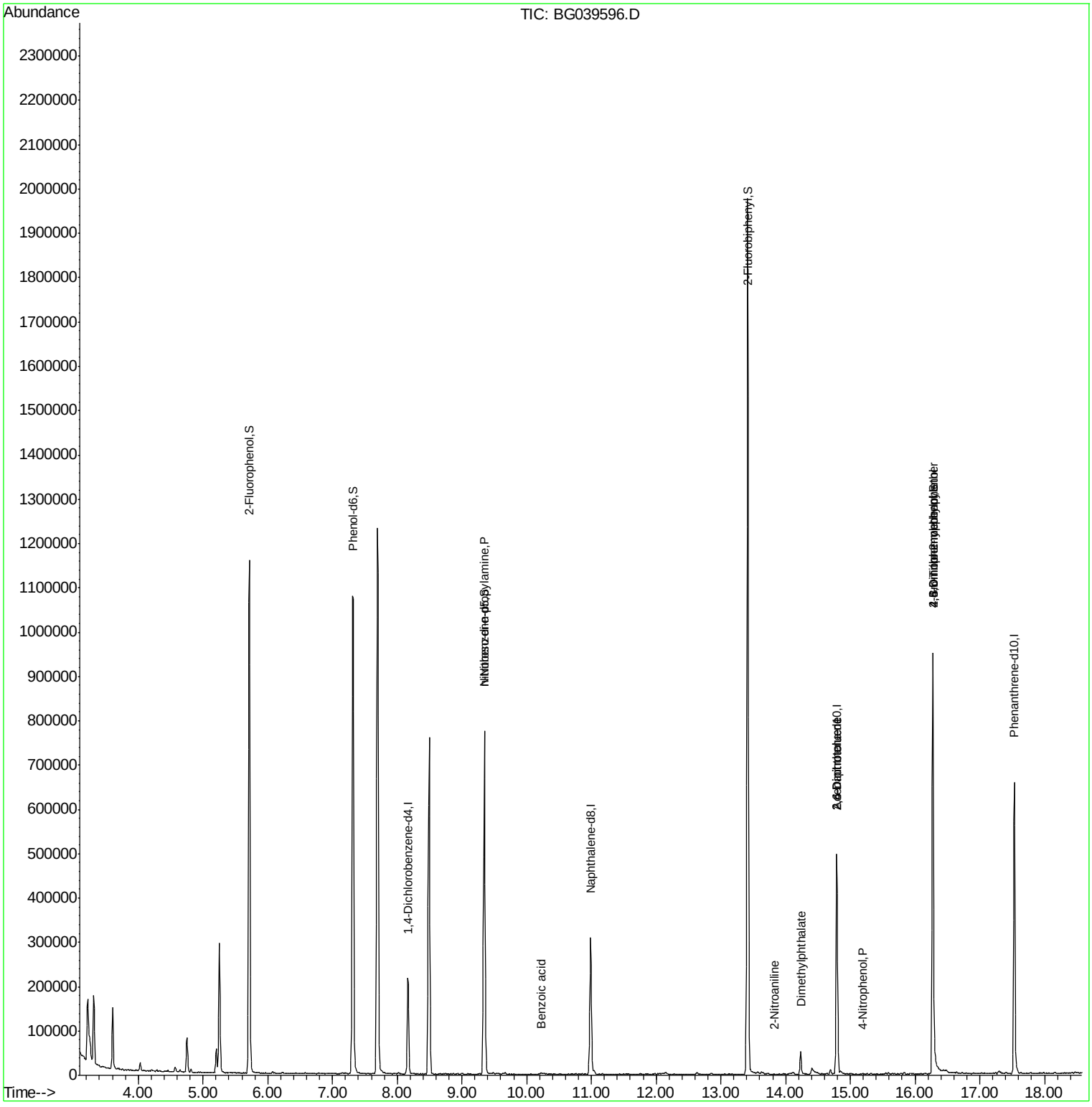
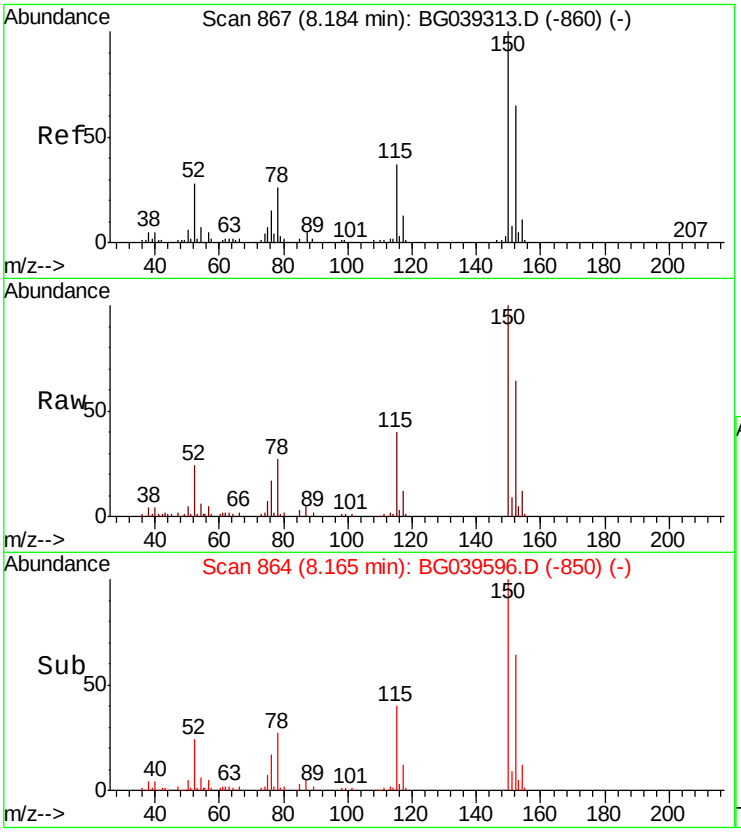


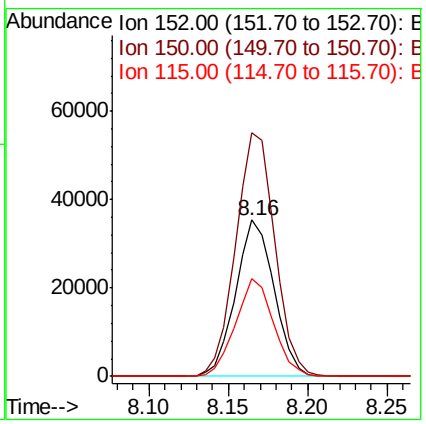


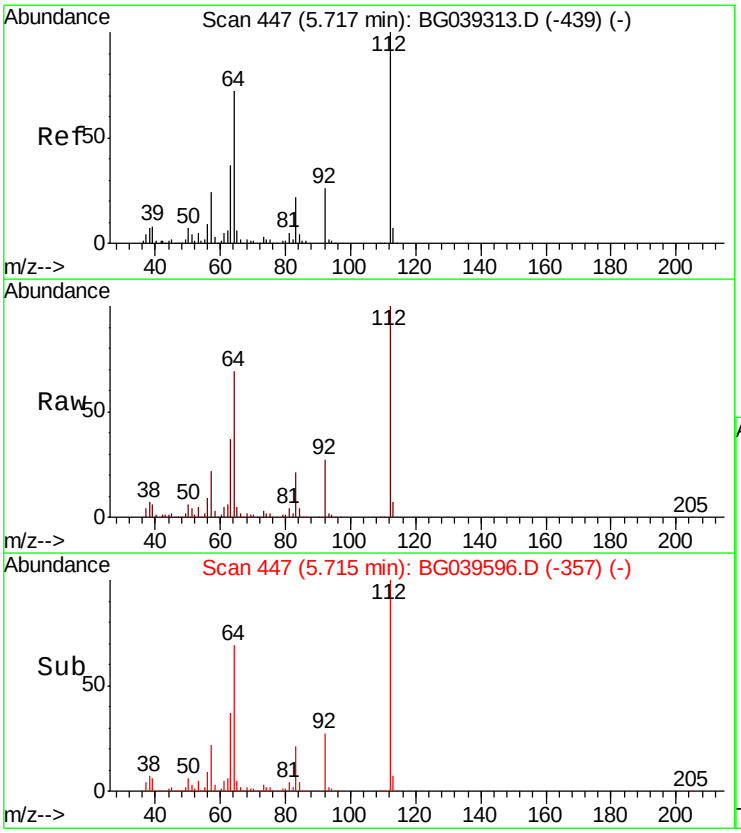
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 864
Delta R.T. -0.02 min
Lab File: BG039596.D
Acq: 25 Feb 2019 21:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 59312

Ion	Ratio	Lower	Upper
152	100		
150	155.8	123.7	185.5
115	62.1	45.9	68.9

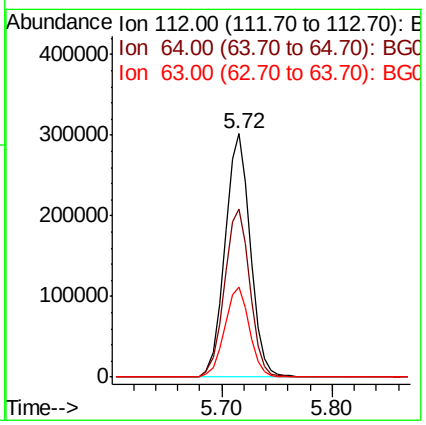


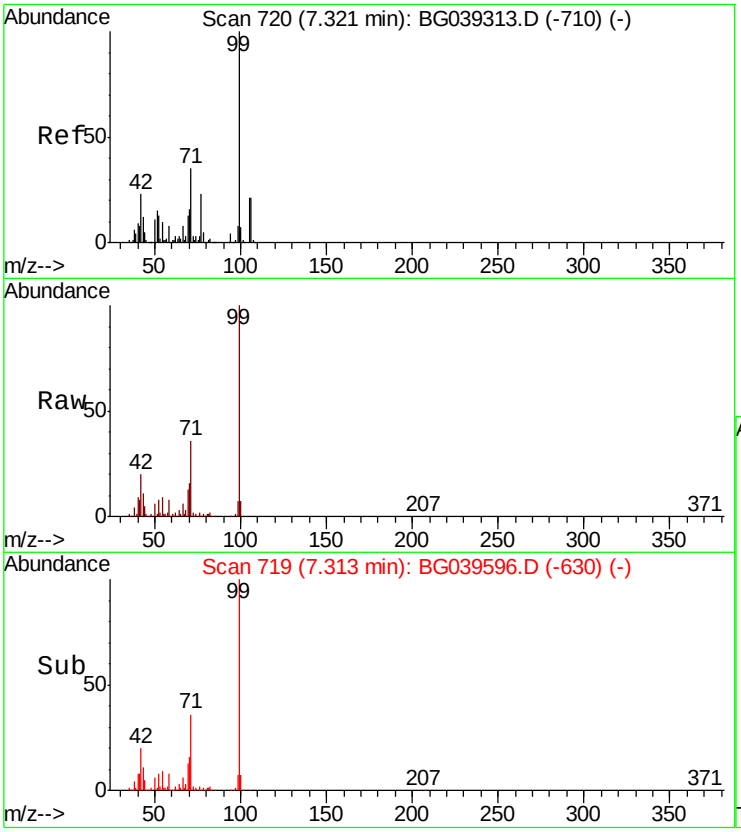


#5
2-Fluorophenol
Concen: 139.625 ng
RT: 5.72 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039596.D
Acq: 25 Feb 2019 21:09

Tgt Ion:112 Resp: 483868

Ion	Ratio	Lower	Upper
112	100		
64	69.1	57.8	86.8
63	37.2	29.8	44.6



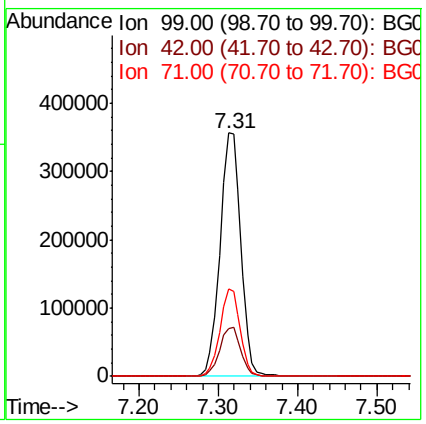


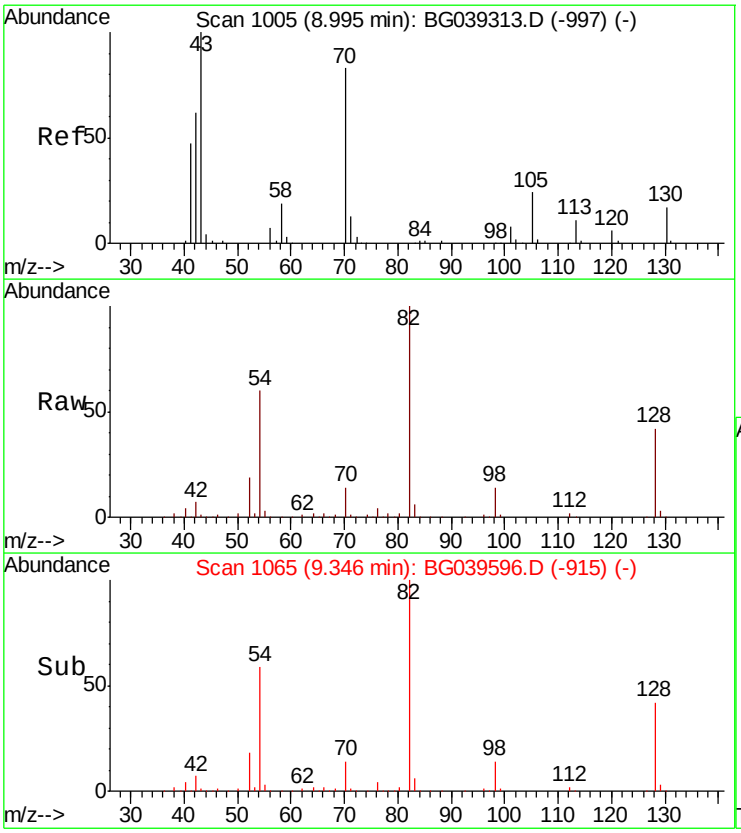
#7
Phenol-d6
Concen: 127.022 ng
RT: 7.31 min Scan# 719
Delta R.T. -0.01 min
Lab File: BG039596.D
Acq: 25 Feb 2019 21:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 647953

Ion	Ratio	Lower	Upper
99	100		
42	19.8	18.2	27.2
71	36.1	28.0	42.0

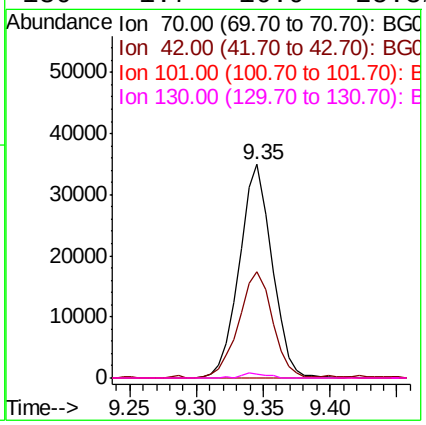


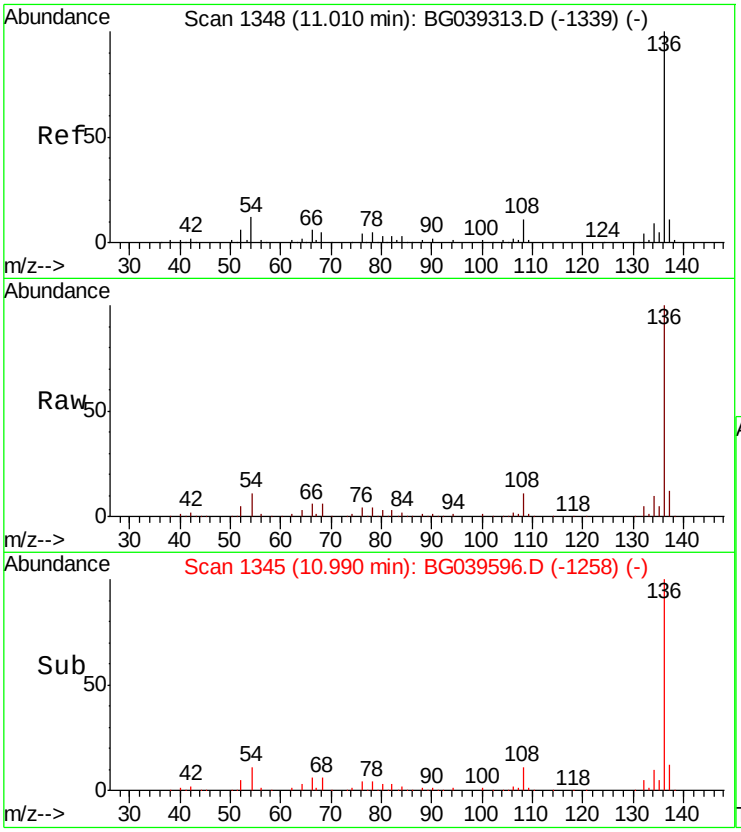


#19
n-Nitroso-di-n-propylamine
Concen: 16.342 ng
RT: 9.35 min Scan# 1065
Delta R.T. 0.35 min
Lab File: BG039596.D
Acq: 25 Feb 2019 21:09

Tgt Ion: 70 Resp: 59168

Ion	Ratio	Lower	Upper
70	100		
42	49.8	60.4	90.6#
101	0.0	7.5	11.3#
130	1.7	16.9	25.3#



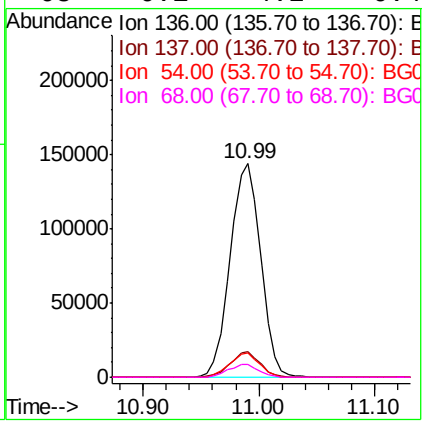


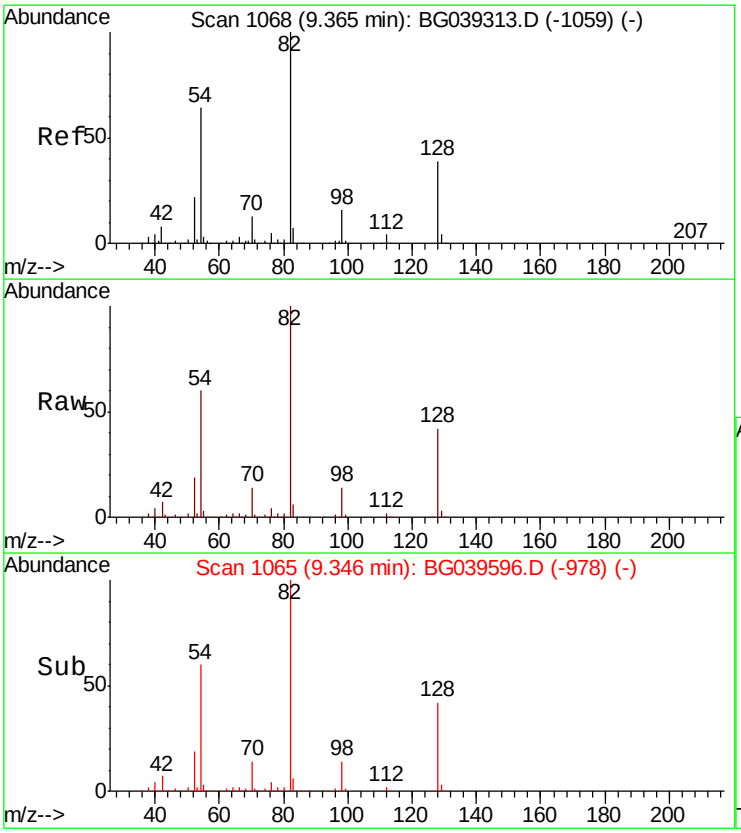
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.02 min
Lab File: BG039596.D
Acq: 25 Feb 2019 21:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 263408

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.1	13.7
54	11.3	9.4	14.2
68	6.1	4.2	6.4

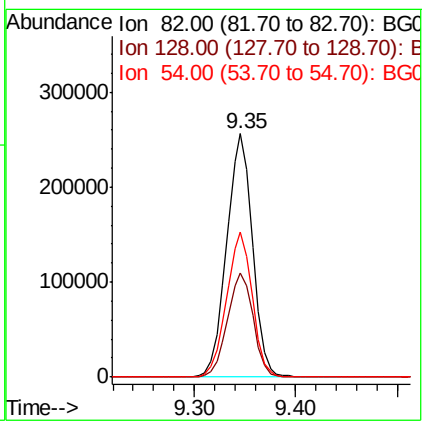


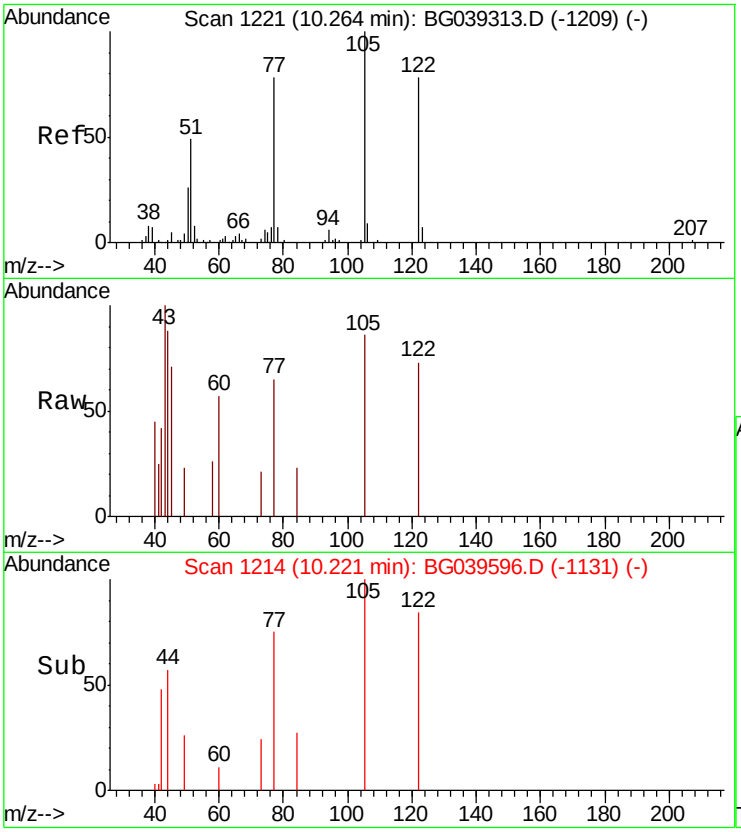


#23
Nitrobenzene-d5
Concen: 107.058 ng
RT: 9.35 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039596.D
Acq: 25 Feb 2019 21:09

Tgt Ion: 82 Resp: 451405

Ion	Ratio	Lower	Upper
82	100		
128	42.5	31.3	46.9
54	59.6	50.9	76.3



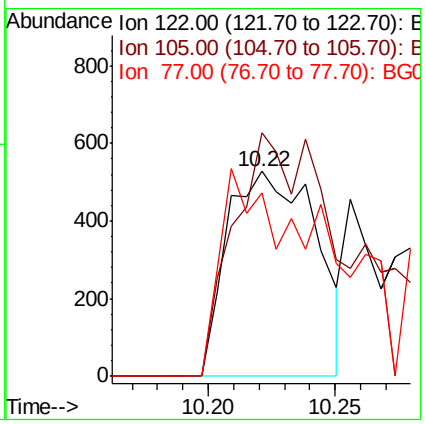


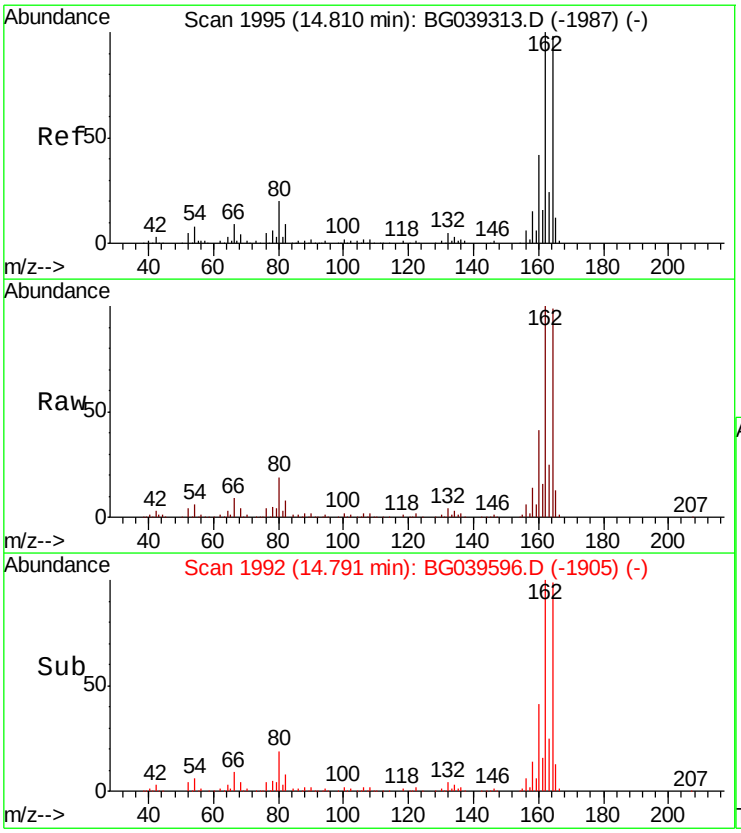
#32
Benzoic acid
Concen: 9.442 ng
RT: 10.22 min Scan# 1214
Delta R.T. -0.04 min
Lab File: BG039596.D
Acq: 25 Feb 2019 21:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 1284

Ion	Ratio	Lower	Upper
122	100		
105	118.8	101.8	141.8
77	89.6	76.3	116.3

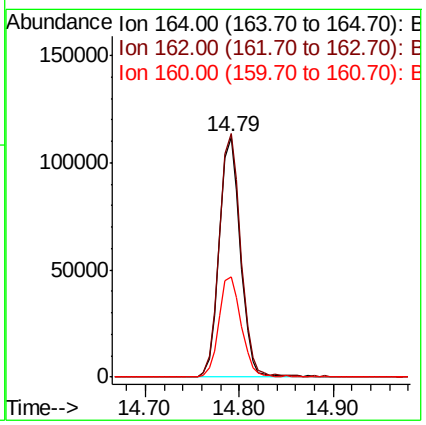


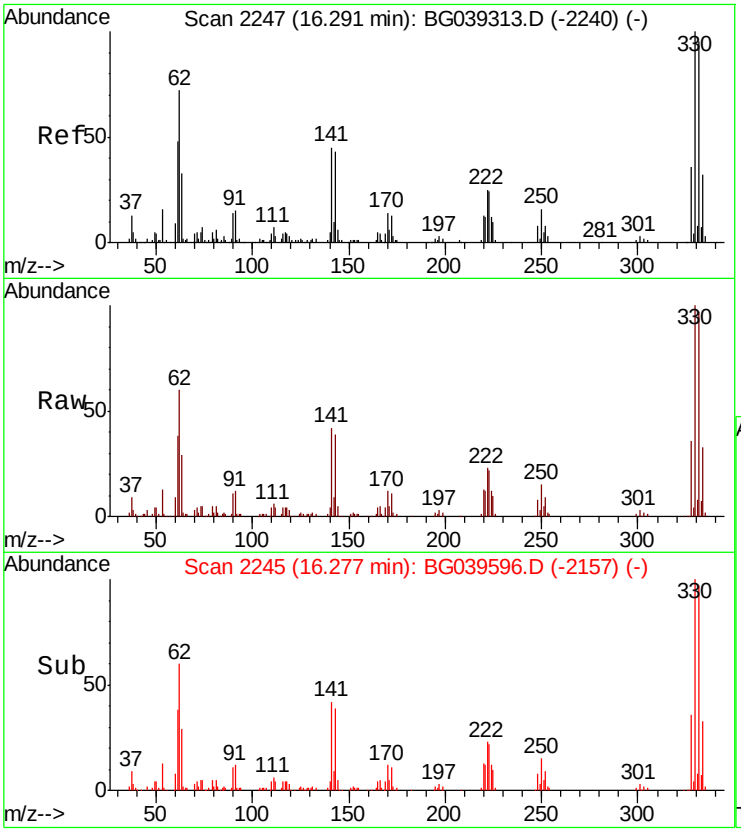


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.02 min
Lab File: BG039596.D
Acq: 25 Feb 2019 21:09

Tgt Ion:164 Resp: 176043

Ion	Ratio	Lower	Upper
164	100		
162	101.4	81.6	122.4
160	41.9	34.2	51.2



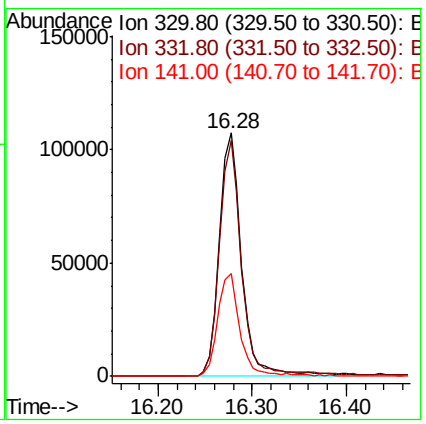


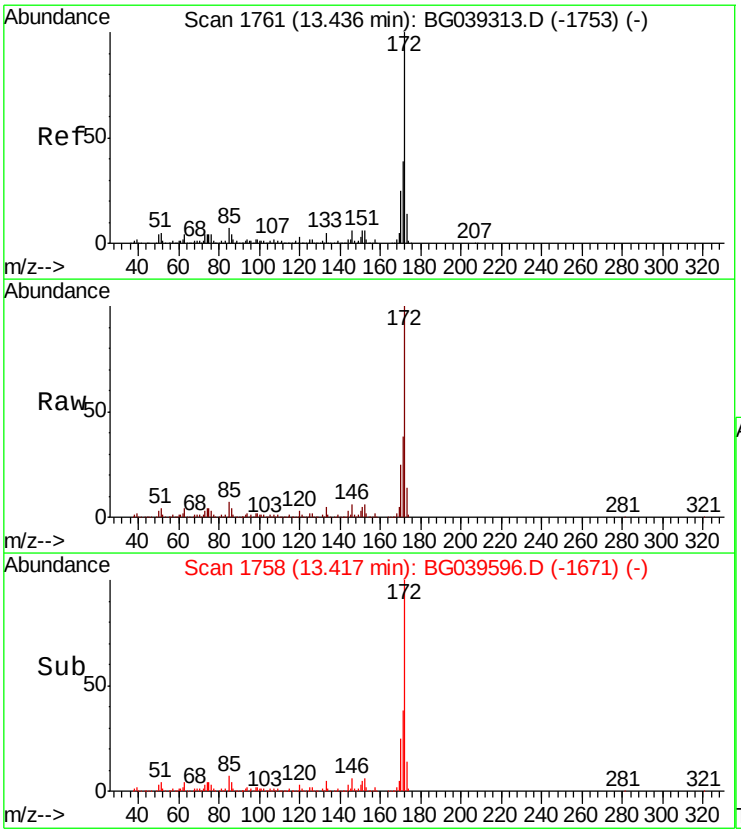
#42
2,4,6-Tribromophenol
Concen: 94.430 ng
RT: 16.28 min Scan# 2245
Delta R.T. -0.01 min
Lab File: BG039596.D
Acq: 25 Feb 2019 21:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 179010

Ion	Ratio	Lower	Upper
330	100		
332	94.1	75.7	113.5
141	41.1	35.6	53.4

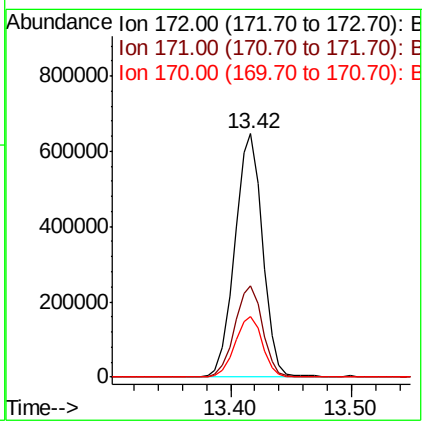


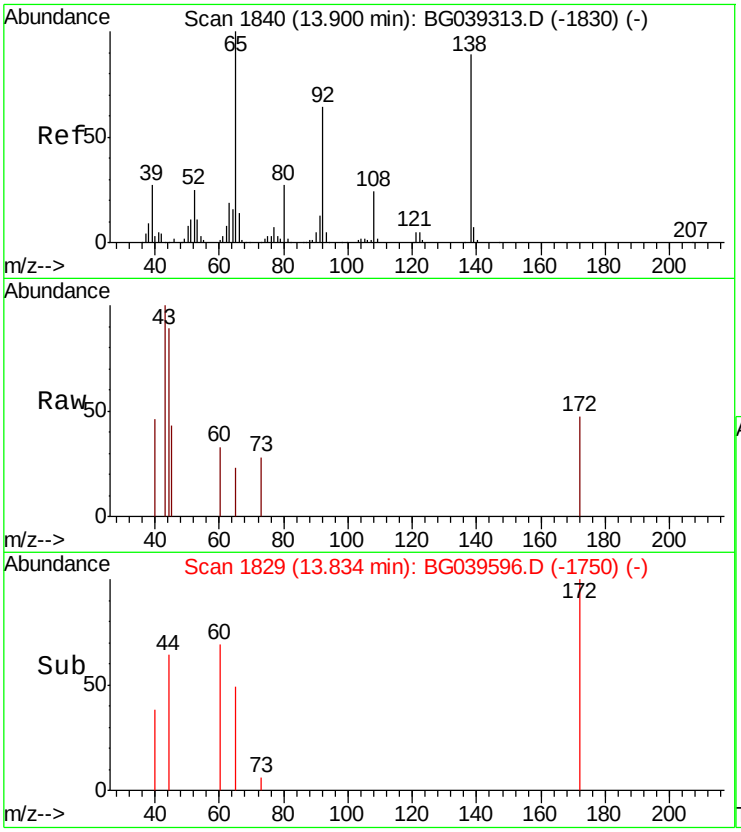


#45
2-Fluorobiphenyl
Concen: 84.336 ng
RT: 13.42 min Scan# 1758
Delta R.T. -0.02 min
Lab File: BG039596.D
Acq: 25 Feb 2019 21:09

Tgt Ion:172 Resp: 1034942

Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.8	46.2
170	25.1	20.2	30.4



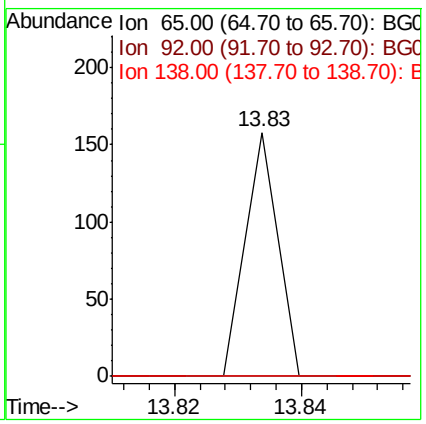


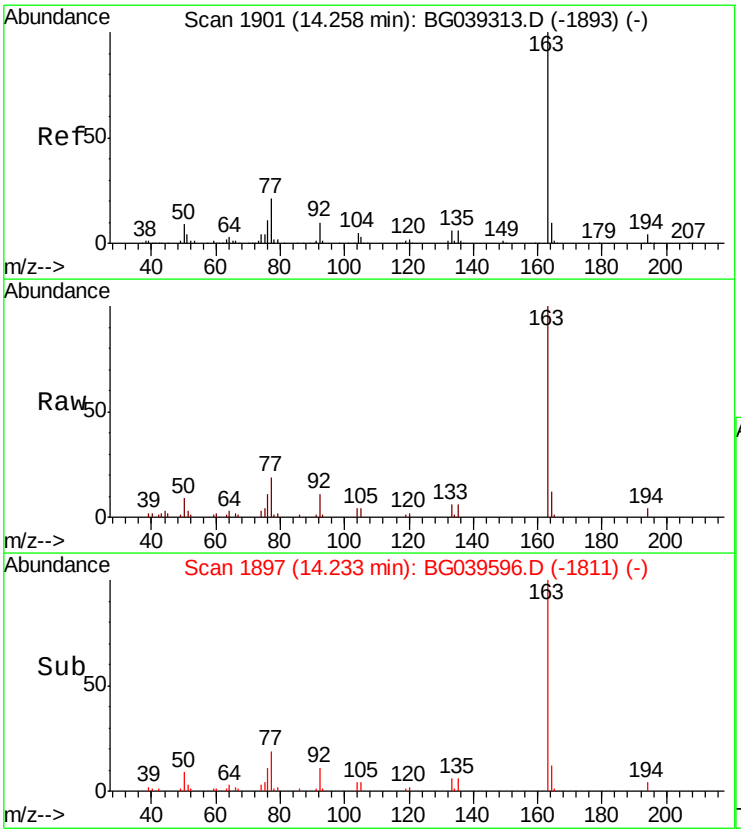
#48
2-Nitroaniline
Concen: 8.311 ng
RT: 13.83 min Scan# 1829
Delta R.T. -0.07 min
Lab File: BG039596.D
Acq: 25 Feb 2019 21:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 65 Resp: 56

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

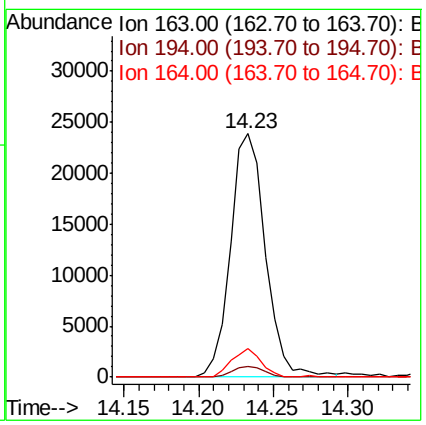


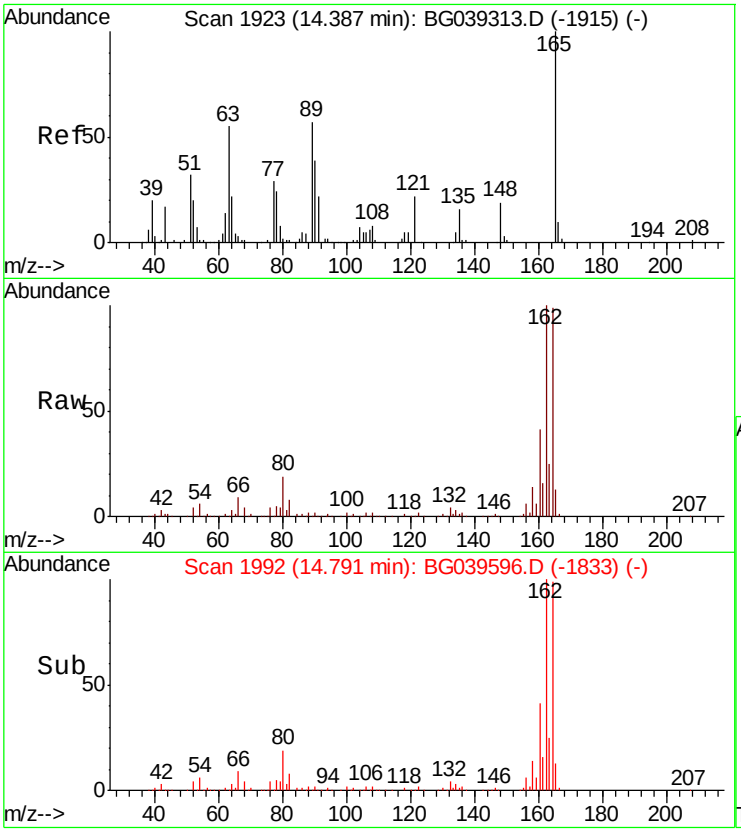


#50
Dimethylphthalate
Concen: 2.740 ng
RT: 14.23 min Scan# 1897
Delta R.T. -0.03 min
Lab File: BG039596.D
Acq: 25 Feb 2019 21:09

Tgt Ion:163 Resp: 38958

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.6	5.4
164	11.7	8.4	12.6



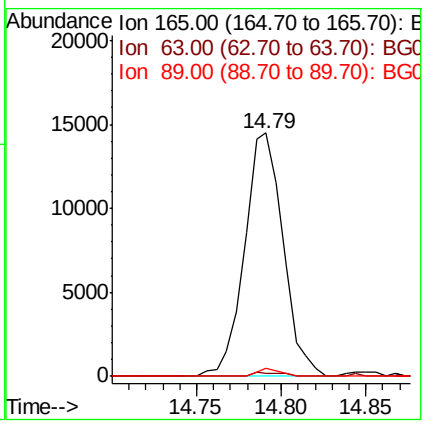


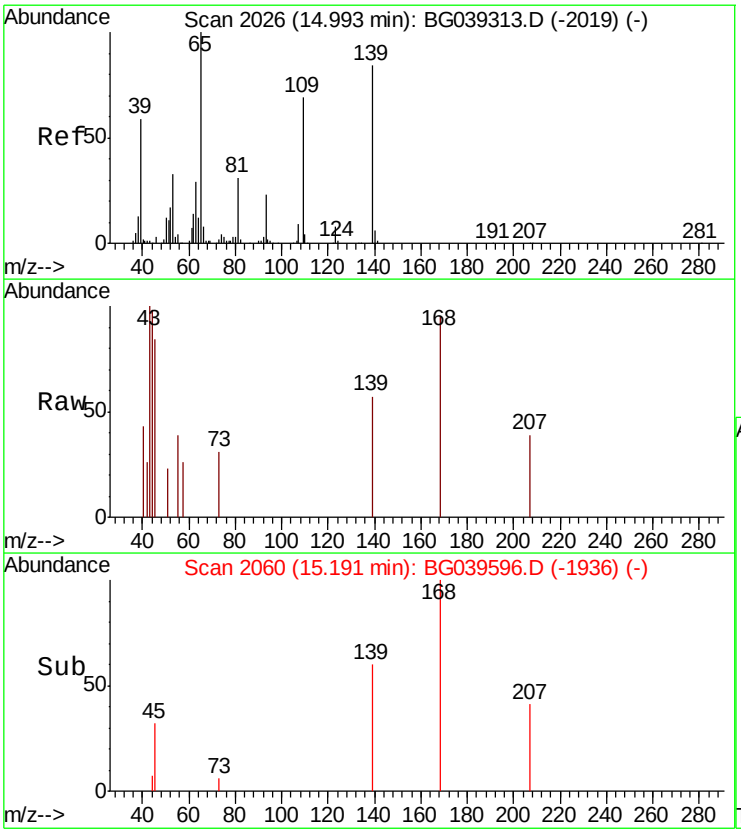
#51
2,6-Dinitrotoluene
Concen: 14.012 ng
RT: 14.79 min Scan# 1992
Delta R.T. 0.40 min
Lab File: BG039596.D
Acq: 25 Feb 2019 21:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 22940

Ion	Ratio	Lower	Upper
165	100		
63	1.2	47.0	70.6#
89	3.2	45.8	68.8#

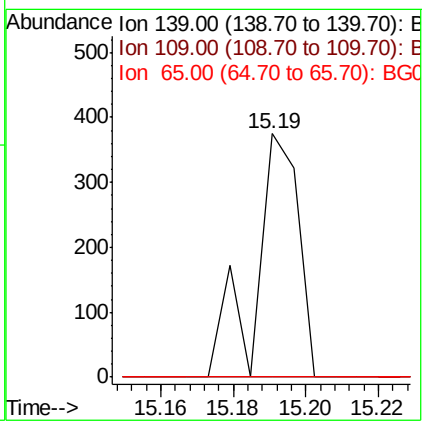


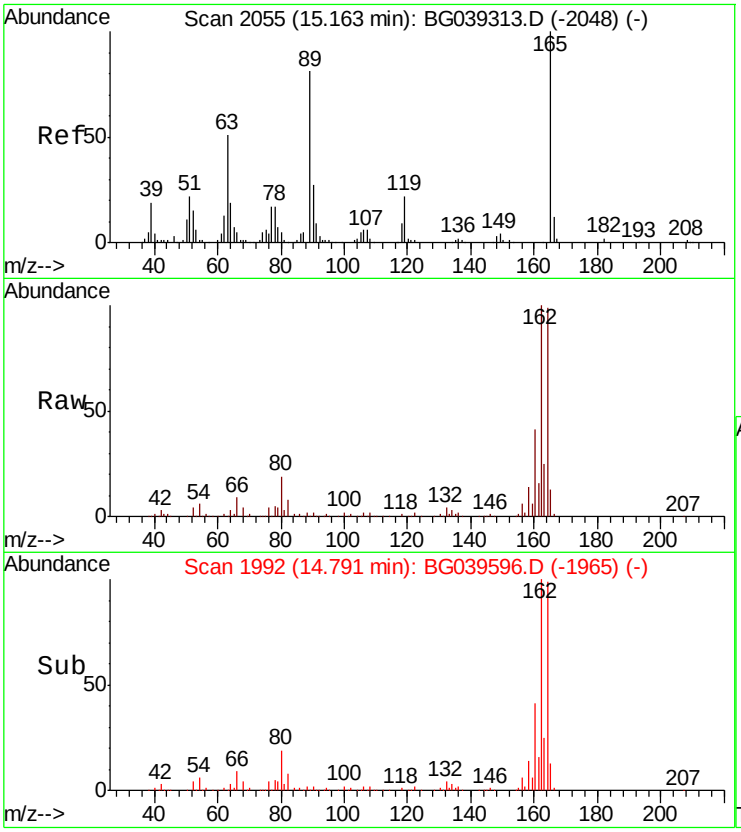


#56
4-Nitrophenol
Concen: 5.905 ng
RT: 15.19 min Scan# 2060
Delta R.T. 0.20 min
Lab File: BG039596.D
Acq: 25 Feb 2019 21:09

Tgt Ion:139 Resp: 307

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



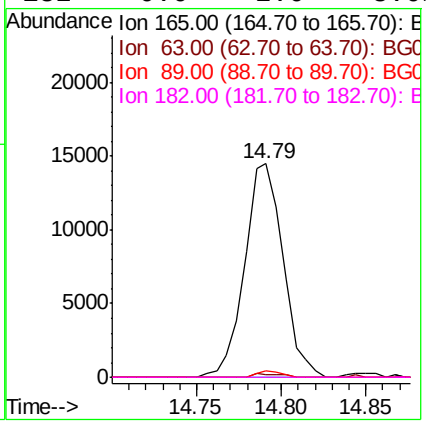


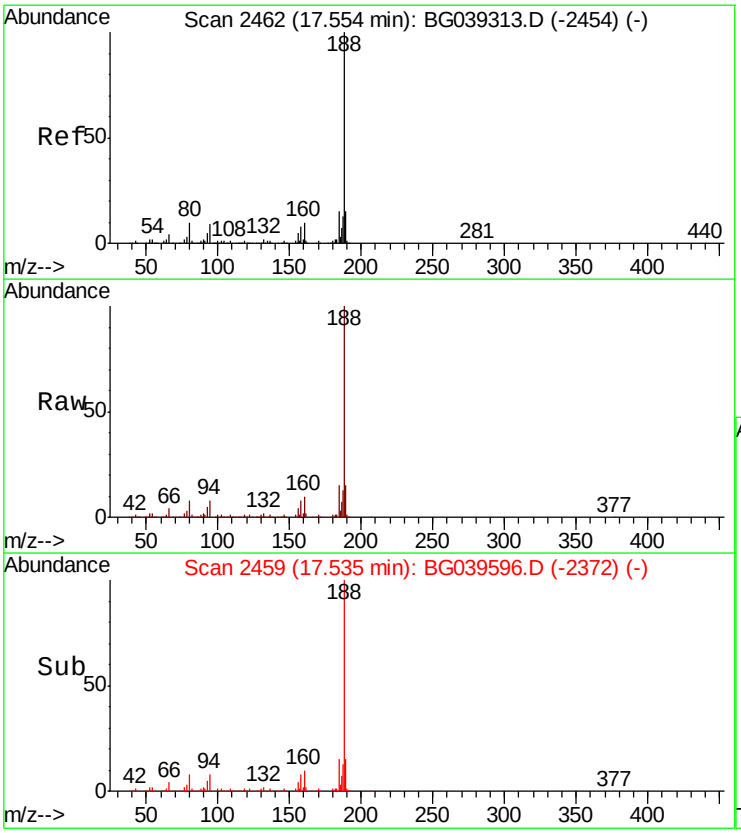
#57
2,4-Dinitrotoluene
Concen: 13.466 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.37 min
Lab File: BG039596.D
Acq: 25 Feb 2019 21:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 22940

Ion	Ratio	Lower	Upper
165	100		
63	1.2	41.0	61.6#
89	3.2	64.6	96.8#
182	0.0	2.0	3.0#

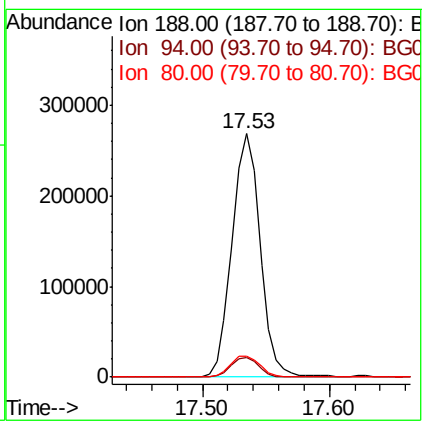


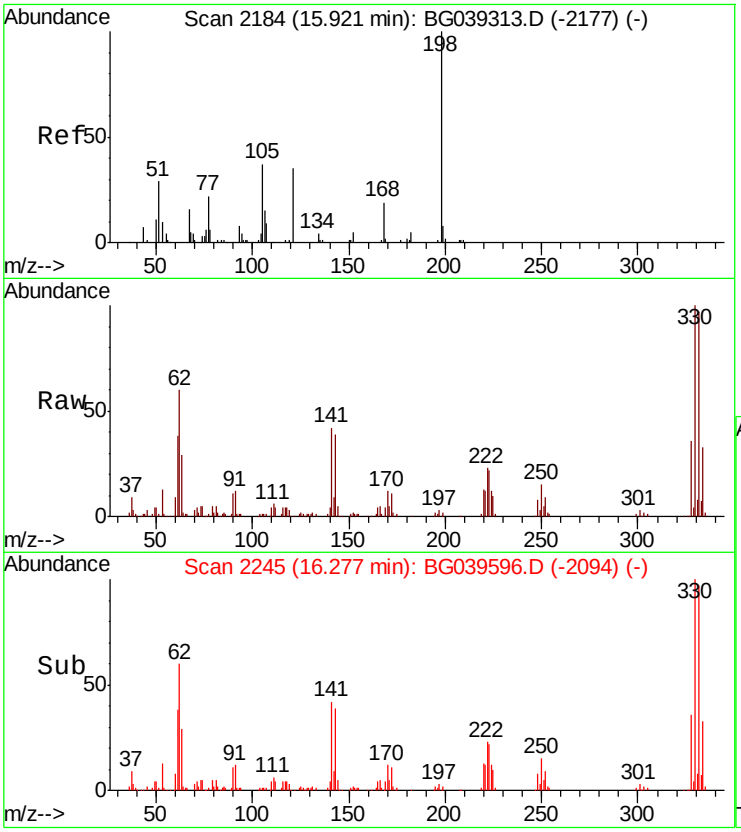


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2459
Delta R.T. -0.02 min
Lab File: BG039596.D
Acq: 25 Feb 2019 21:09

Tgt Ion:188 Resp: 412209

Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.9	10.3
80	8.4	8.1	12.1



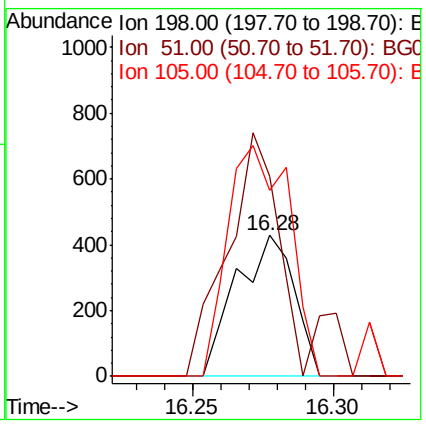


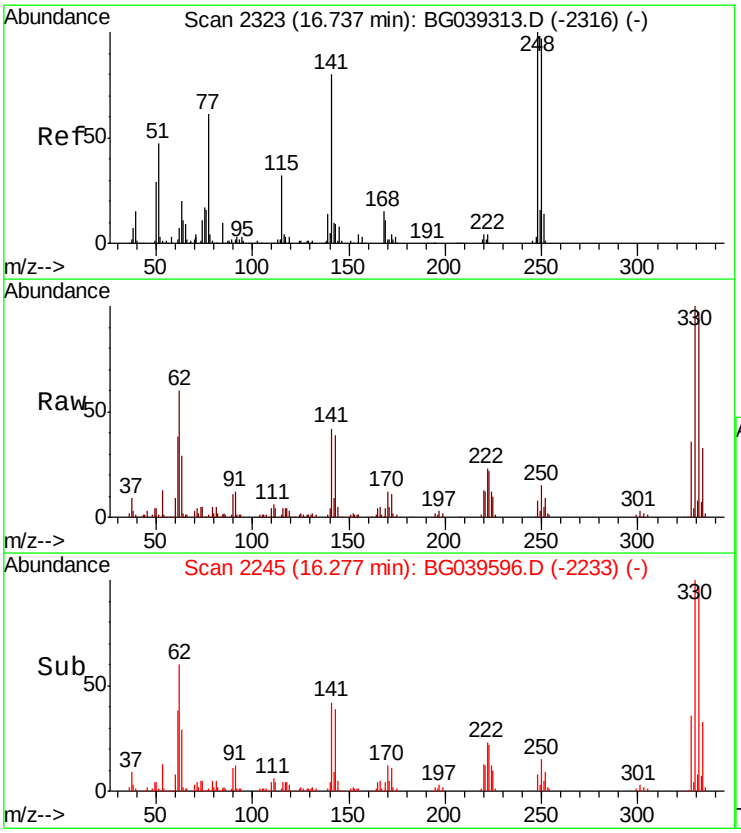
#65
4,6-Dinitro-2-methylphenol
Concen: 4.649 ng
RT: 16.28 min Scan# 2245
Delta R.T. 0.36 min
Lab File: BG039596.D
Acq: 25 Feb 2019 21:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 611

Ion	Ratio	Lower	Upper
198	100		
51	142.0	27.4	67.4#
105	131.7	19.7	59.7#

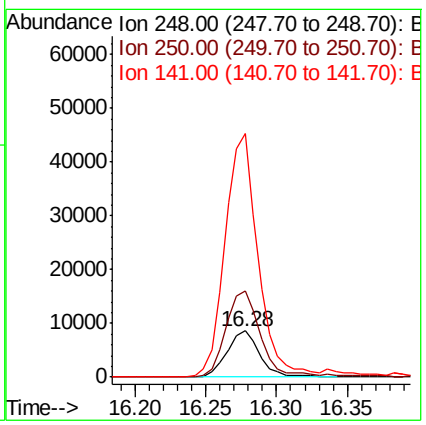


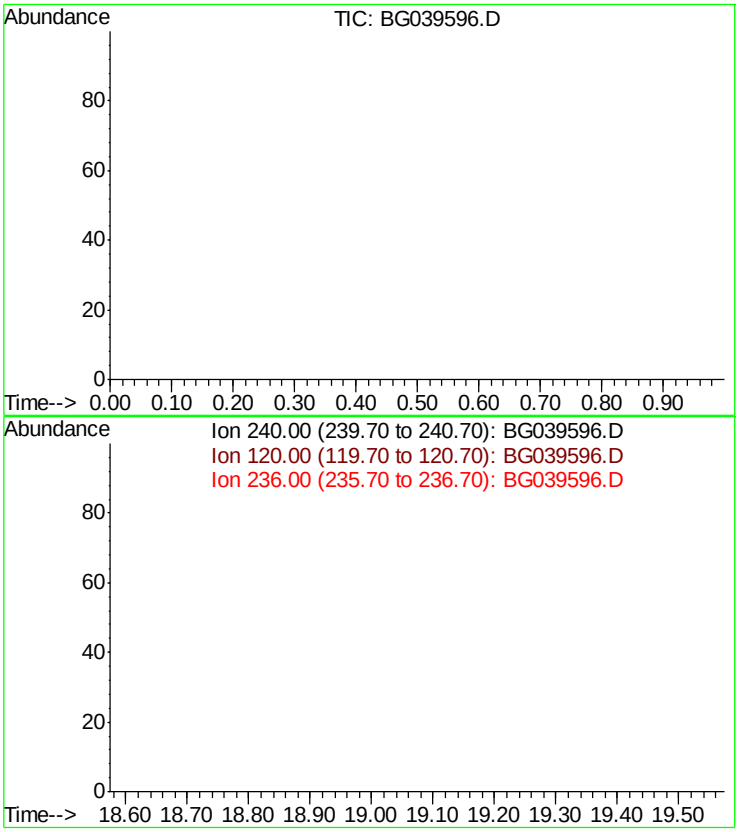


#67
4-Bromophenyl-phenylether
Concen: 3.032 ng
RT: 16.28 min Scan# 2245
Delta R.T. -0.46 min
Lab File: BG039596.D
Acq: 25 Feb 2019 21:09

Tgt Ion:248 Resp: 13864

Ion	Ratio	Lower	Upper
248	100		
250	185.6	77.6	116.4#
141	526.9	63.9	95.9#





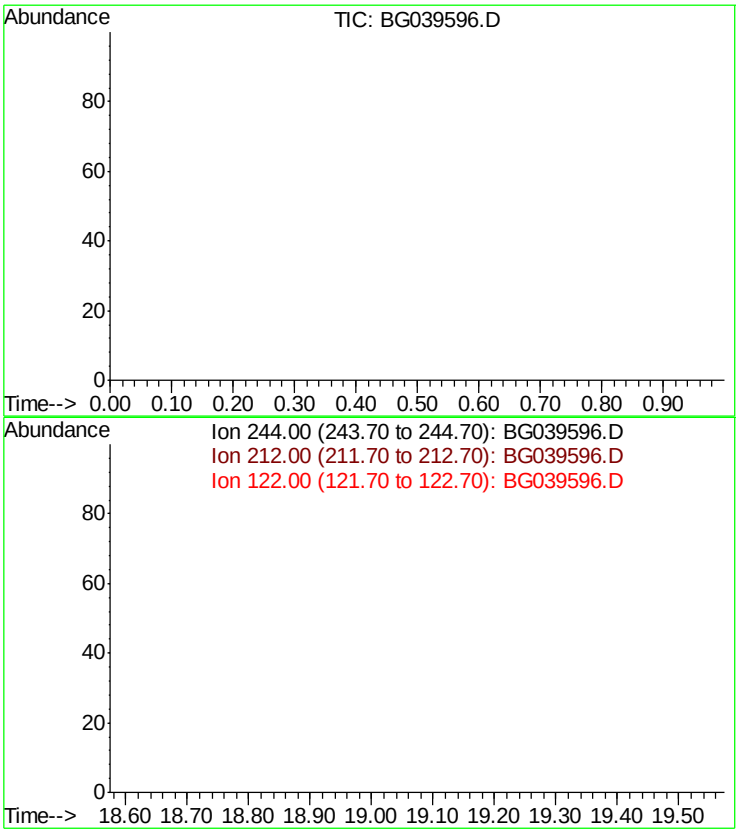
#76
Chrysene-d12
Concen: 0.000 ng
Expected RT: 21.85 min

Lab File: BG039596.D
Acq: 25 Feb 2019 21:09

Tgt Ion: 240

Sig	Exp Ratio
240	100
120	8.8
236	26.2

Instrument :
BNA_G
ClientSampleId :

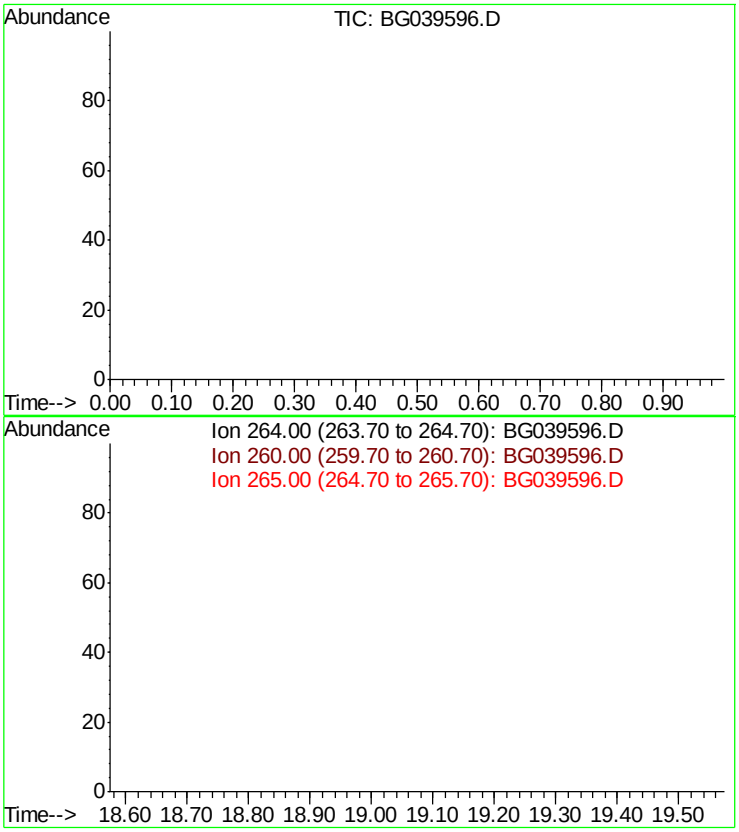


#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 20.15 min

Lab File: BG039596.D
Acq: 25 Feb 2019 21:09

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	9.1
122	10.5



#87
Perylene-d12
Concen: 0.000 ng
Expected RT: 25.24 min

Lab File: BG039596.D
Acq: 25 Feb 2019 21:09

Tgt Ion: 264

Sig	Exp Ratio
264	100
260	22.8
265	23.1

Instrument :
BNA_G
ClientSampleId :