Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG022119\
Data File : BG039578.D
Acq On : 21 Feb 2019 19:28
Operator : JU/SJ
Sample : K1344-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : NB-08-022019-B

Quant Time: Feb 21 22:04:42 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	57036	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	249681	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	171140	20.00	ng	-0.02
64) Phenanthrene-d10	17.53	188	419261	20.00	ng	-0.02
76) Chrysene-d12	21.83	240	416606	20.00	ng	-0.02
87) Perylene-d12	25.21	264	350348	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	460016	138.04	ng	0.00
7) Phenol-d6	7.32	99	620609	126.52	ng	0.00
23) Nitrobenzene-d5	9.34	82	441288	110.41	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	273123	148.20	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	1055208	88.45	ng	-0.02
79) Terphenyl-d14	20.13	244	1681477	85.43	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	7.32	77	1116	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	9.34	70	58987	16.942	ng	# 75
48) 2-Nitroaniline	14.05	65	61	8.313	ng	# 10
51) 2,6-Dinitrotoluene	14.79	165	21290	13.674	ng	# 23
56) 4-Nitrophenol	15.19	139	61	5.816	ng	# 1
57) 2,4-Dinitrotoluene	14.79	165	21290	13.210	ng	# 18
65) 4,6-Dinitro-2-methylphenol	16.28	198	1057	4.983	ng	# 1
67) 4-Bromophenyl-phenylether	16.28	248	21550	4.633	ng	# 1
77) Benzidine	20.13	184	30212	2.212	ng	# 94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG022119\
Data File : BG039578.D
Acq On : 21 Feb 2019 19:28
Operator : JU/SJ
Sample : K1344-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NB-08-022019-B

Quant Time: Feb 21 22:04:42 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
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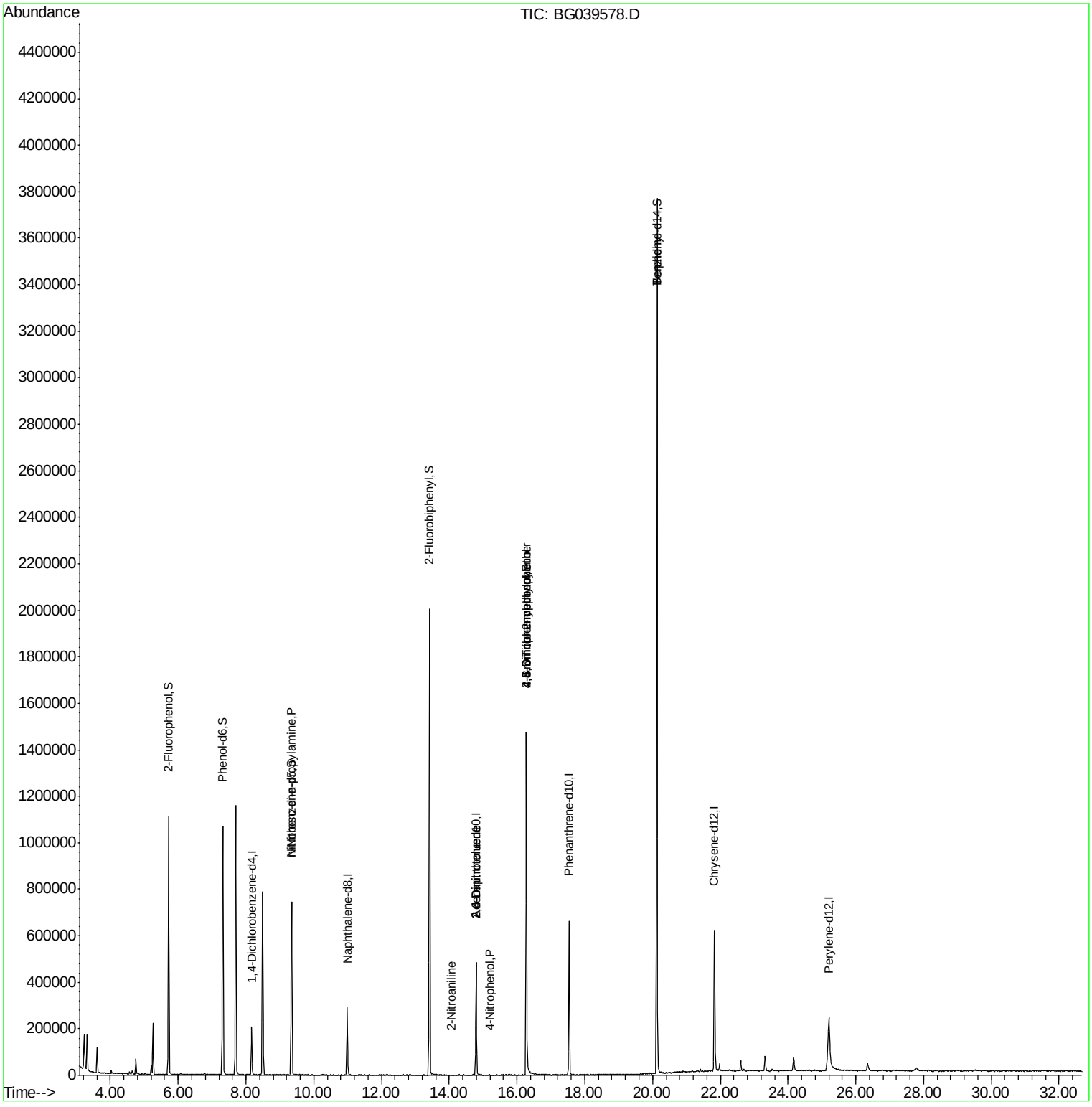
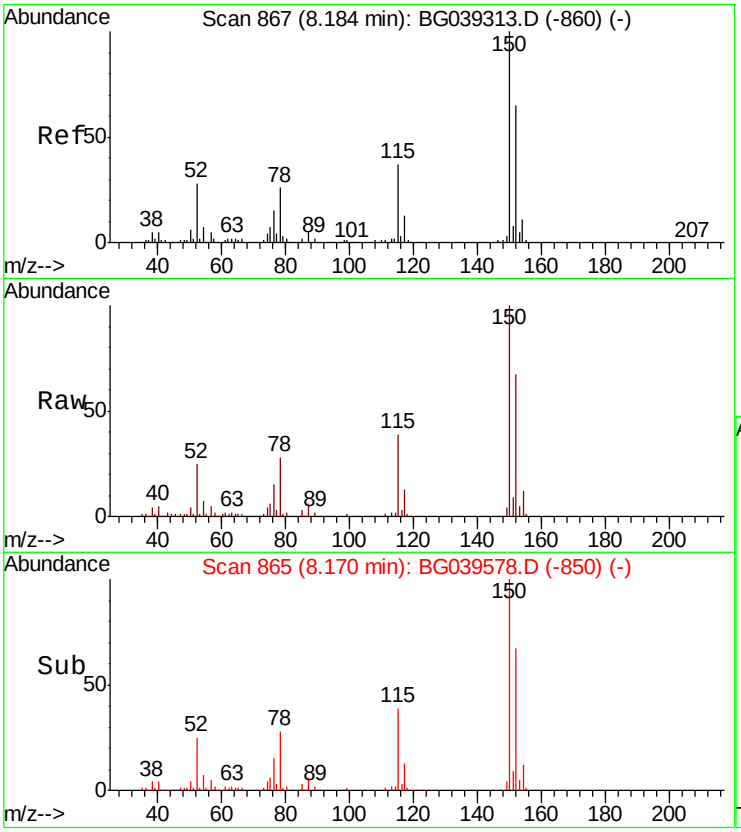


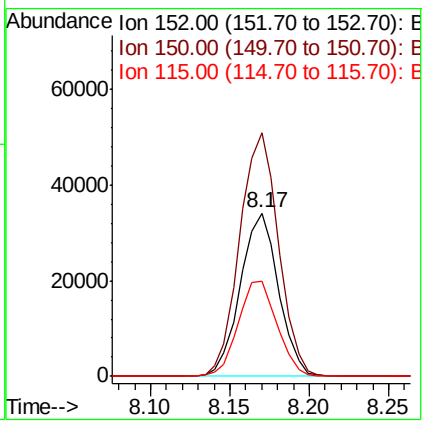


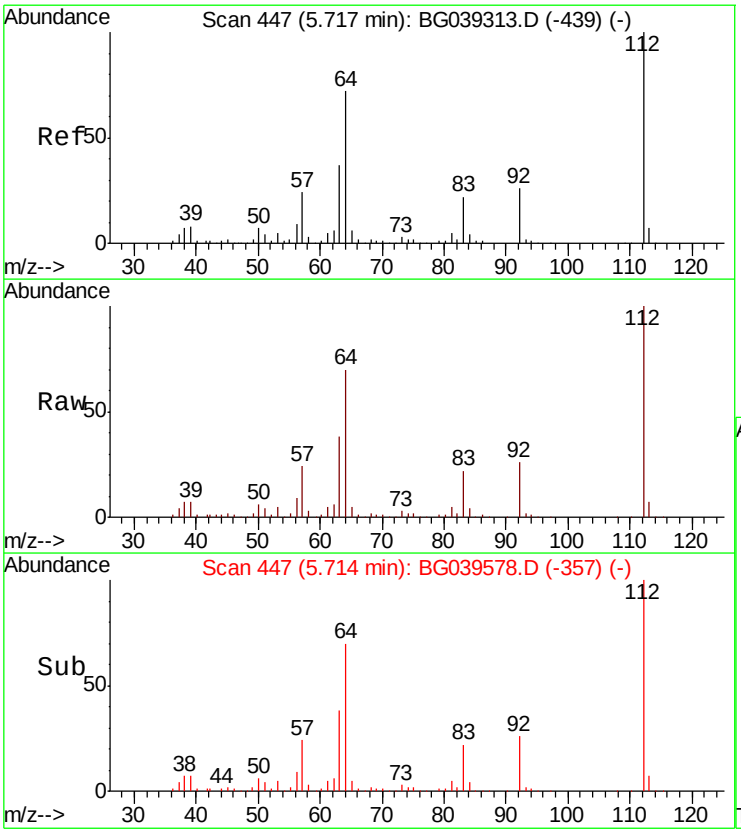
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039578.D
Acq: 21 Feb 2019 19:28

Instrument :
BNA_G
ClientSampleId :
NB-08-022019-B

Tgt Ion:152 Resp: 57036

Ion	Ratio	Lower	Upper
152	100		
150	149.0	123.7	185.5
115	58.2	45.9	68.9

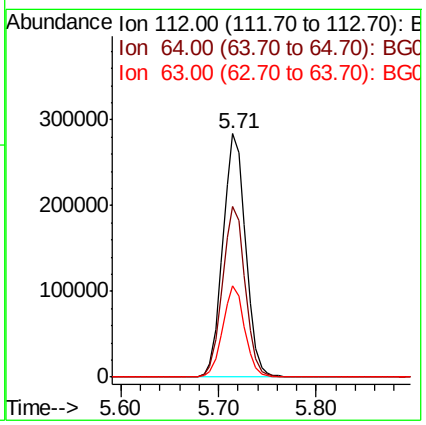


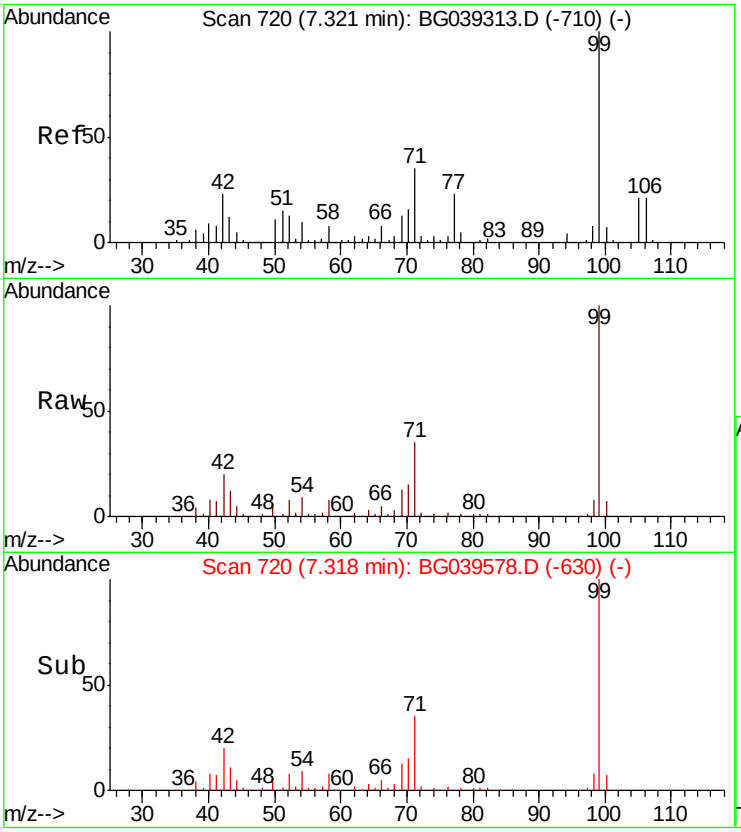


#5
2-Fluorophenol
Concen: 138.039 ng
RT: 5.71 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039578.D
Acq: 21 Feb 2019 19:28

Tgt Ion:112 Resp: 460016

Ion	Ratio	Lower	Upper
112	100		
64	70.0	57.8	86.8
63	37.8	29.8	44.6



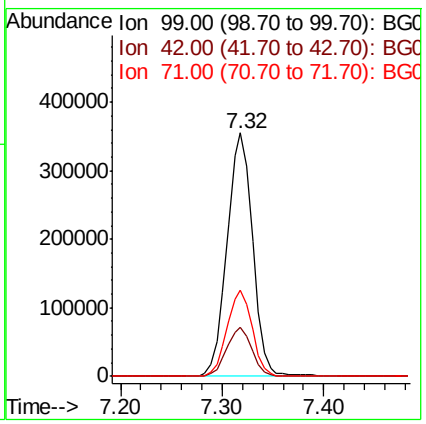


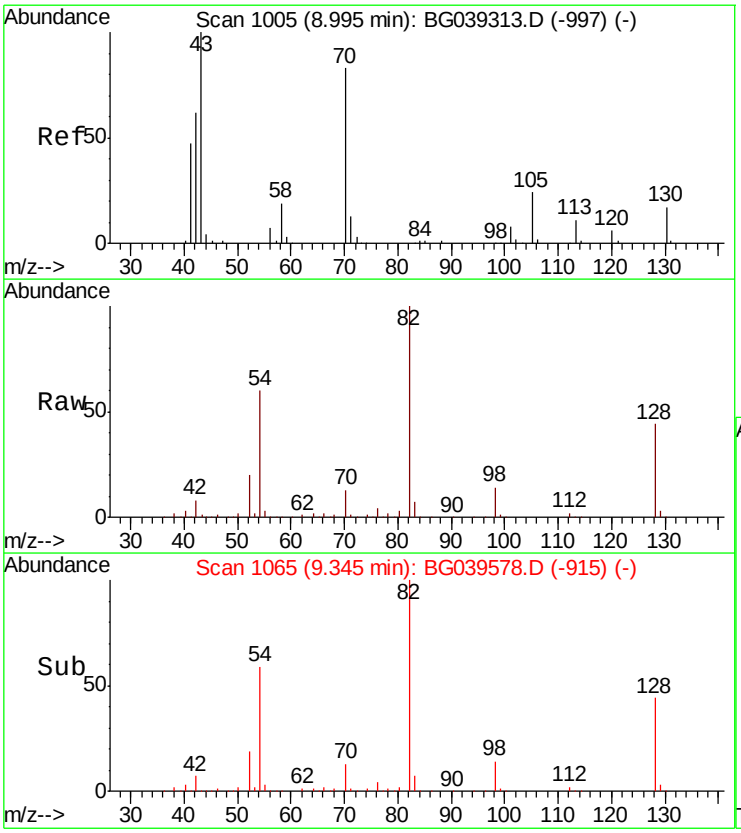
#7
Phenol-d6
Concen: 126.517 ng
RT: 7.32 min Scan# 720
Delta R.T. -0.00 min
Lab File: BG039578.D
Acq: 21 Feb 2019 19:28

Instrument :
BNA_G
ClientSampleId :
NB-08-022019-B

Tgt Ion: 99 Resp: 620609

Ion	Ratio	Lower	Upper
99	100		
42	20.2	18.2	27.2
71	35.2	28.0	42.0

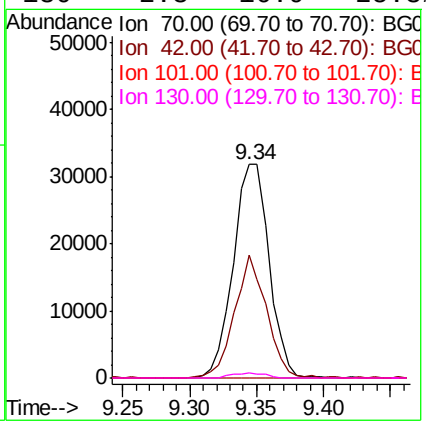


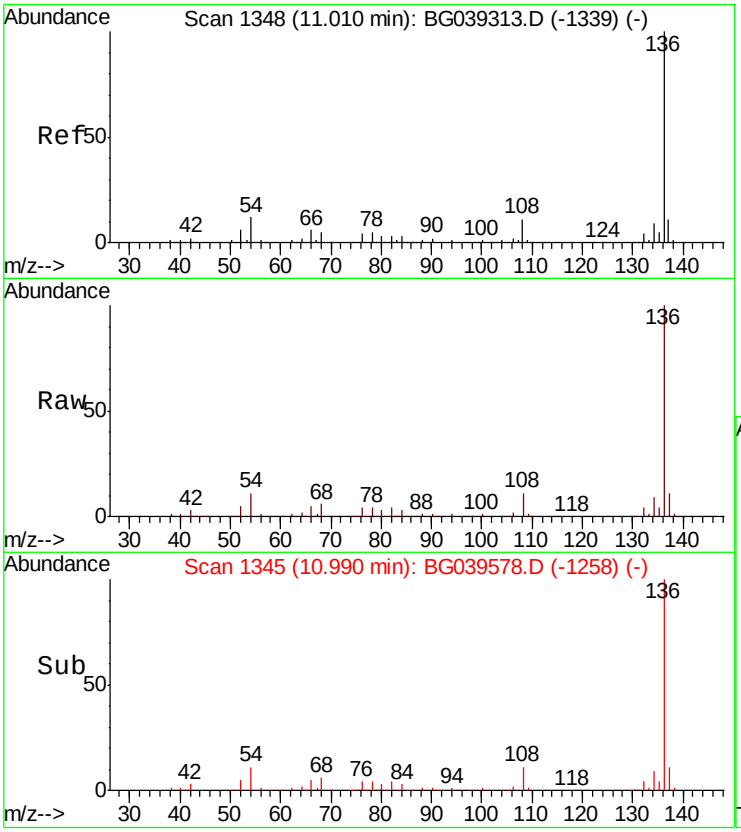


#19
n-Nitroso-di-n-propylamine
Concen: 16.942 ng
RT: 9.34 min Scan# 1065
Delta R.T. 0.35 min
Lab File: BG039578.D
Acq: 21 Feb 2019 19:28

Tgt Ion: 70 Resp: 58987

Ion	Ratio	Lower	Upper
70	100		
42	57.5	60.4	90.6#
101	0.0	7.5	11.3#
130	2.3	16.9	25.3#



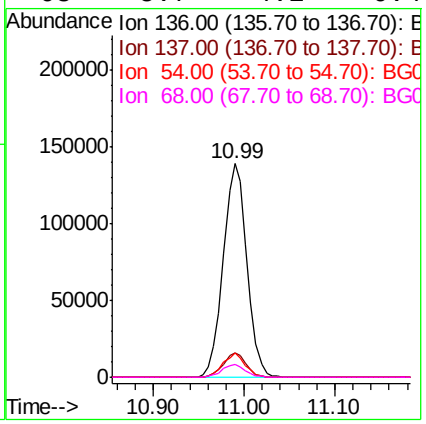


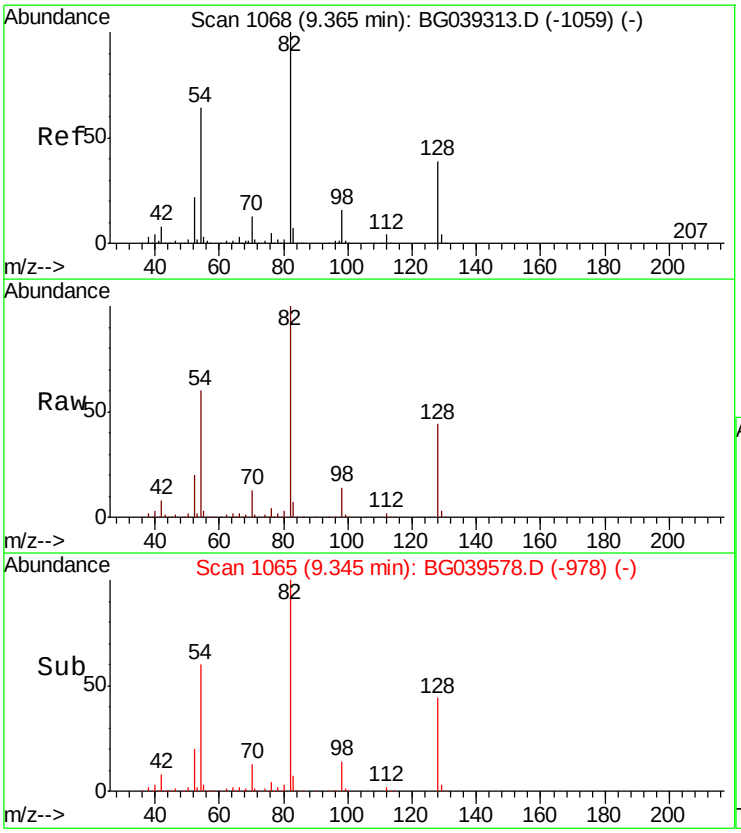
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.02 min
Lab File: BG039578.D
Acq: 21 Feb 2019 19:28

Instrument :
BNA_G
ClientSampleId :
NB-08-022019-B

Tgt Ion:136 Resp: 249681

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	11.3	9.4	14.2
68	5.7	4.2	6.4

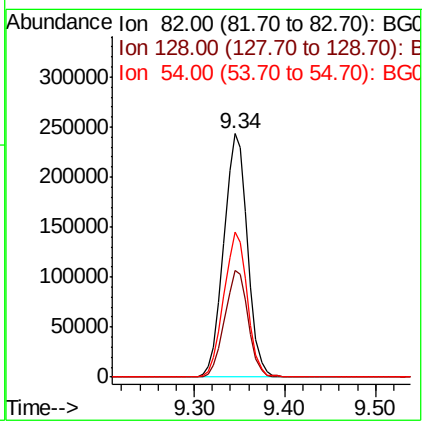


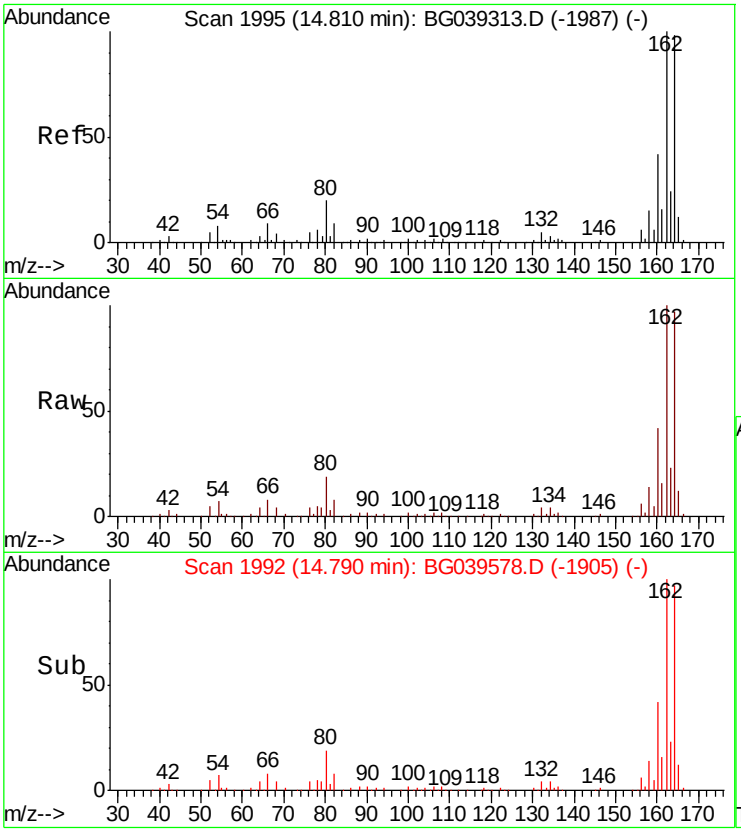


#23
Nitrobenzene-d5
Concen: 110.413 ng
RT: 9.34 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039578.D
Acq: 21 Feb 2019 19:28

Tgt Ion: 82 Resp: 441288

Ion	Ratio	Lower	Upper
82	100		
128	44.0	31.3	46.9
54	59.5	50.9	76.3



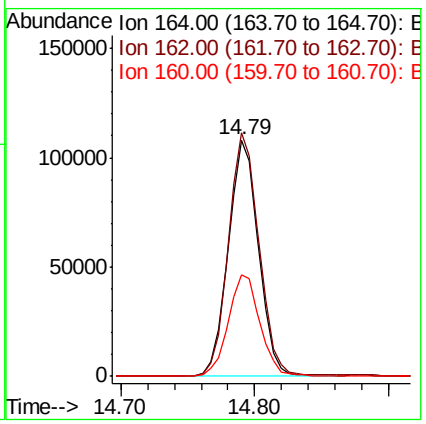


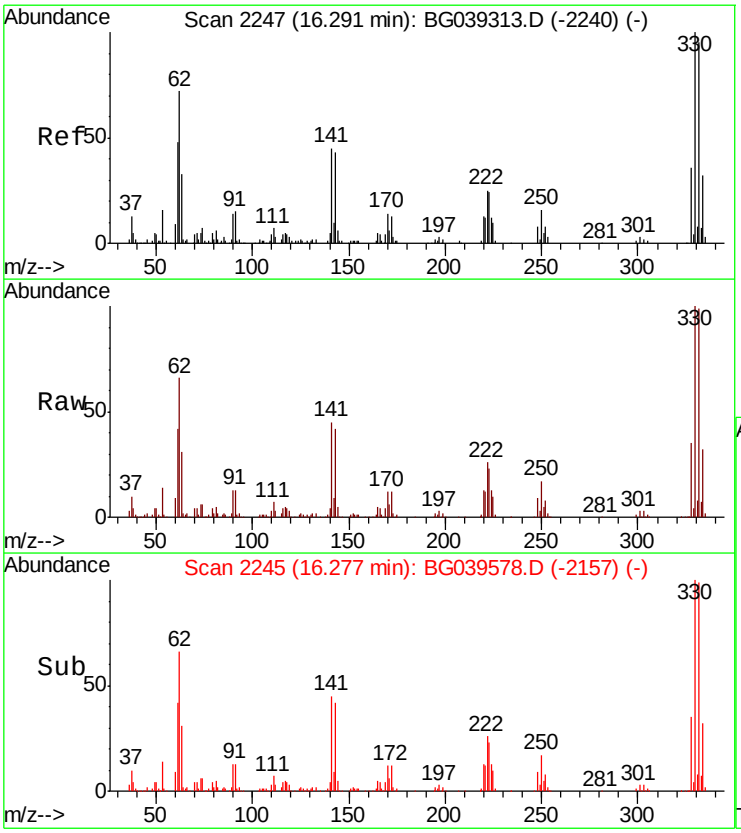
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.02 min
Lab File: BG039578.D
Acq: 21 Feb 2019 19:28

Instrument :
BNA_G
ClientSampleId :
NB-08-022019-B

Tgt Ion:164 Resp: 171140

Ion	Ratio	Lower	Upper
164	100		
162	102.9	81.6	122.4
160	42.8	34.2	51.2

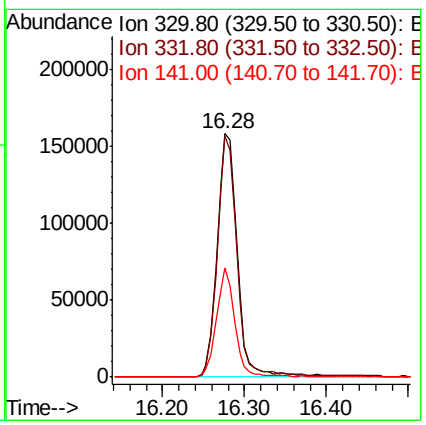


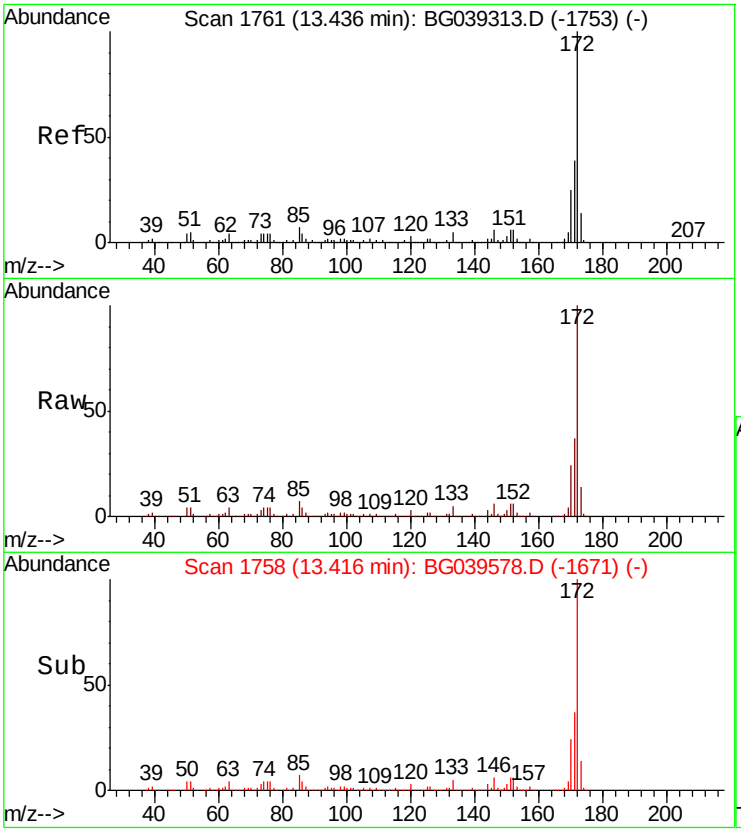


#42
2,4,6-Tribromophenol
Concen: 148.204 ng
RT: 16.28 min Scan# 2245
Delta R.T. -0.01 min
Lab File: BG039578.D
Acq: 21 Feb 2019 19:28

Tgt Ion:330 Resp: 273123

Ion	Ratio	Lower	Upper
330	100		
332	95.5	75.7	113.5
141	40.7	35.6	53.4



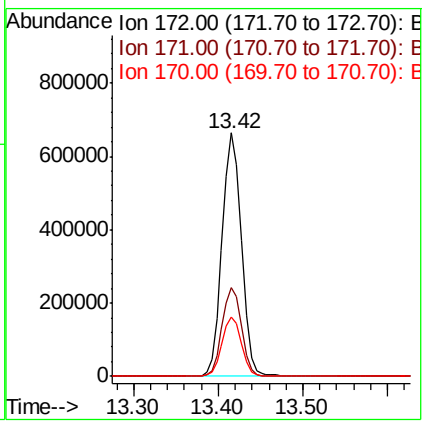


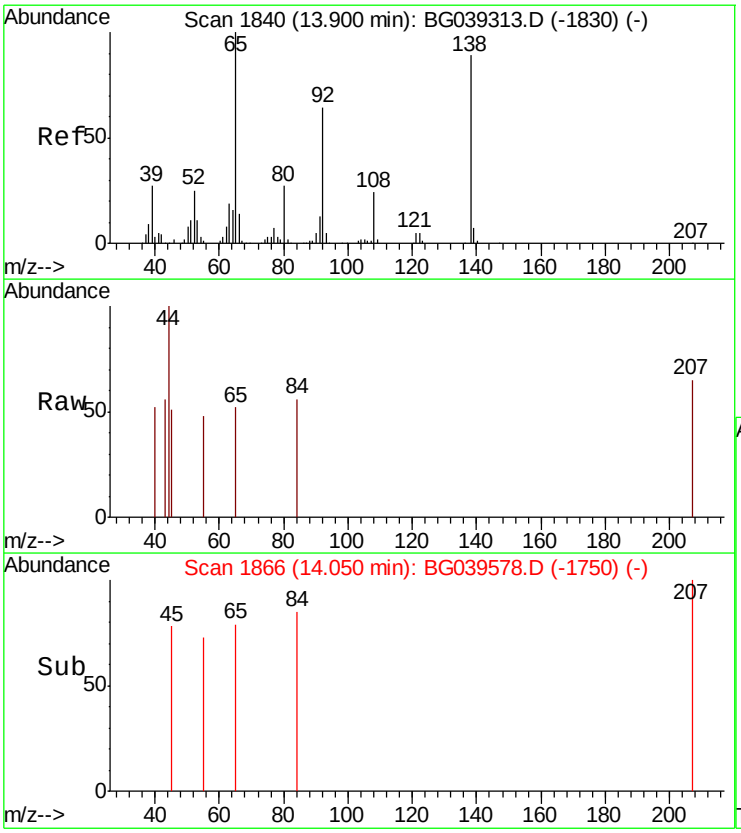
#45
2-Fluorobiphenyl
Concen: 88.451 ng
RT: 13.42 min Scan# 1758
Delta R.T. -0.02 min
Lab File: BG039578.D
Acq: 21 Feb 2019 19:28

Instrument :
BNA_G
ClientSampleId :
NB-08-022019-B

Tgt Ion:172 Resp: 1055208

Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.8	46.2
170	24.5	20.2	30.4

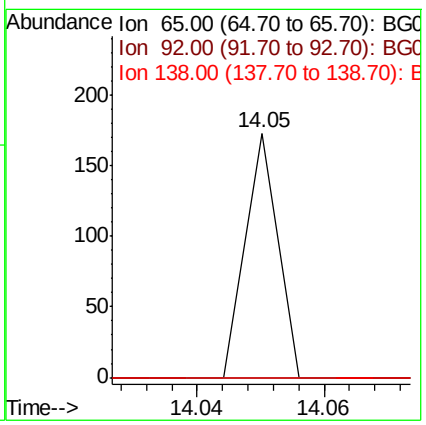


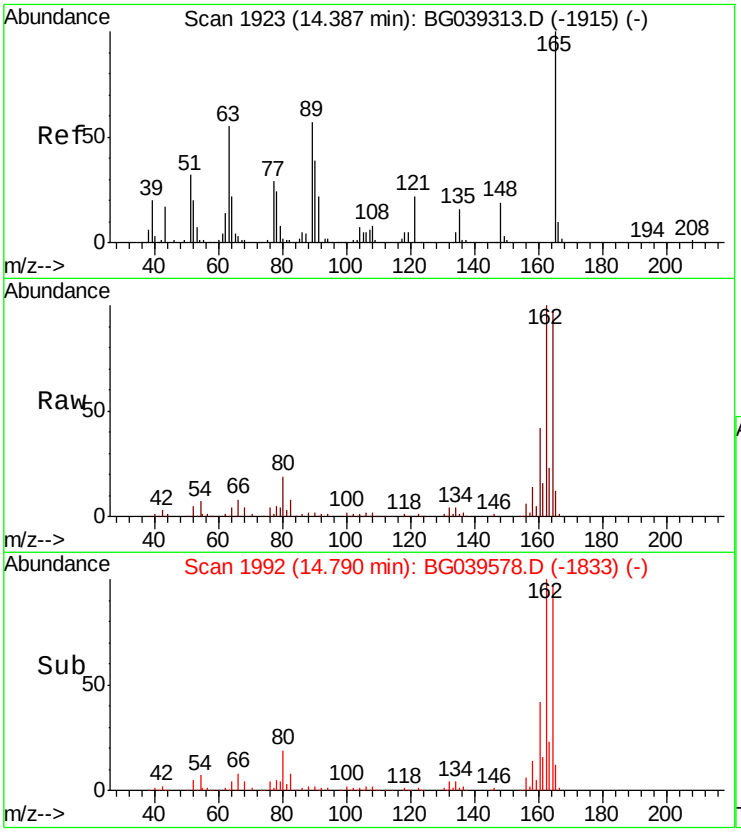


#48
2-Nitroaniline
Concen: 8.313 ng
RT: 14.05 min Scan# 1866
Delta R.T. 0.15 min
Lab File: BG039578.D
Acq: 21 Feb 2019 19:28

Tgt Ion: 65 Resp: 61

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



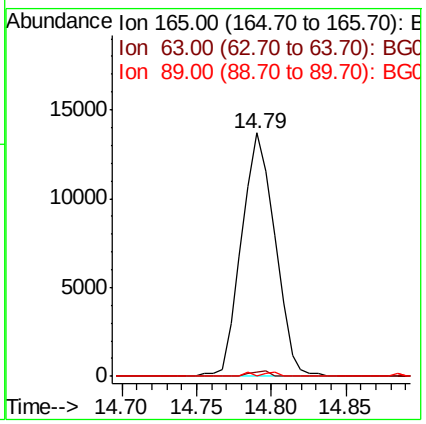


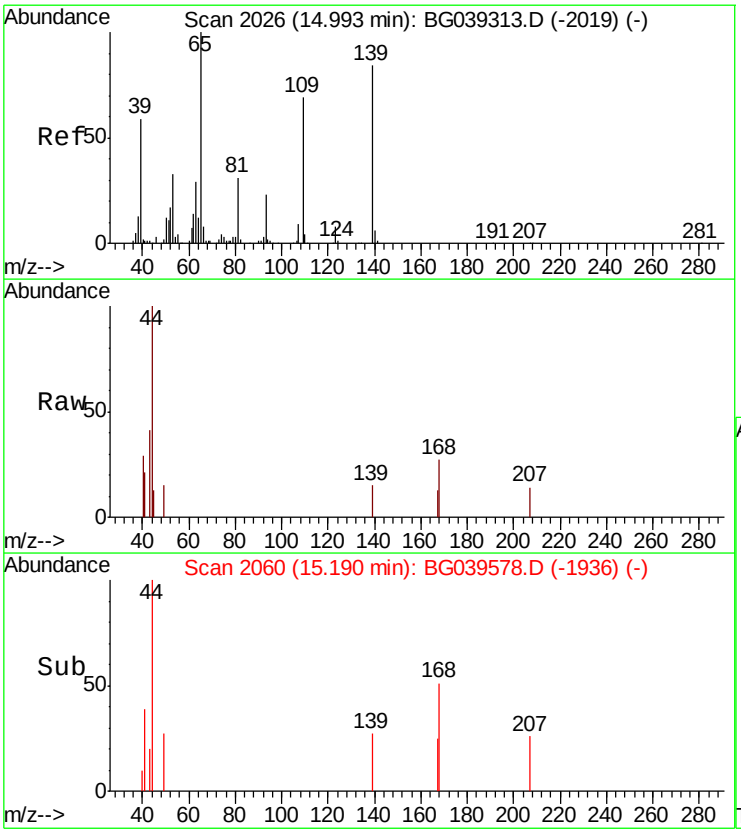
#51
2,6-Dinitrotoluene
Concen: 13.674 ng
RT: 14.79 min Scan# 1992
Delta R.T. 0.40 min
Lab File: BG039578.D
Acq: 21 Feb 2019 19:28

Instrument :
BNA_G
ClientSampleId :
NB-08-022019-B

Tgt Ion:165 Resp: 21290

Ion	Ratio	Lower	Upper
165	100		
63	1.8	47.0	70.6#
89	0.0	45.8	68.8#

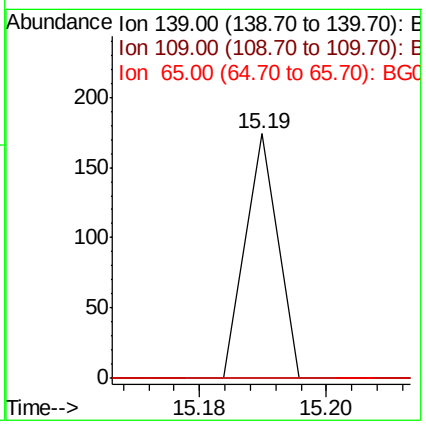


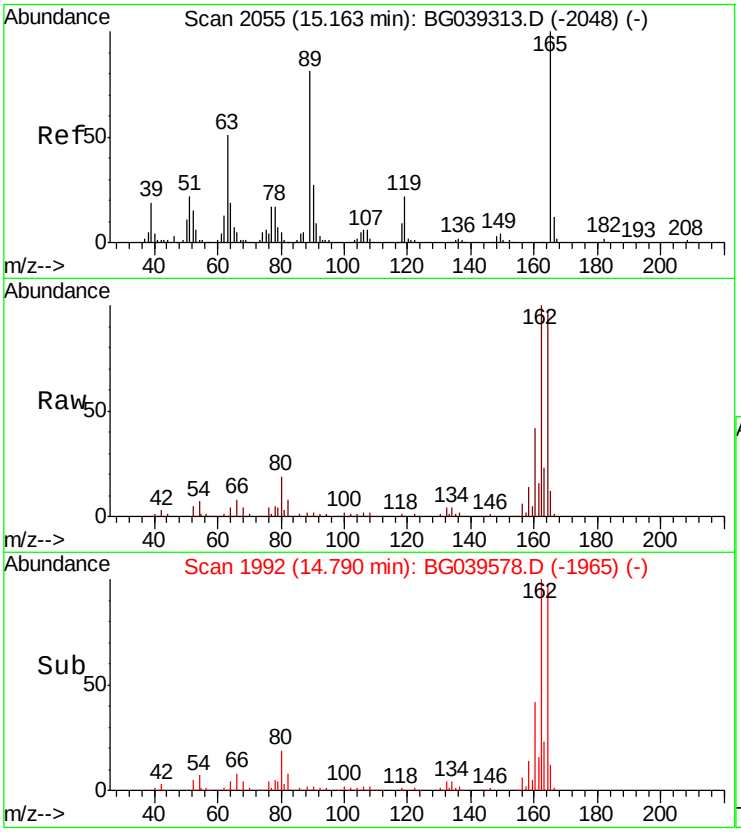


#56
4-Nitrophenol
Concen: 5.816 ng
RT: 15.19 min Scan# 2060
Delta R.T. 0.20 min
Lab File: BG039578.D
Acq: 21 Feb 2019 19:28

Tgt Ion:139 Resp: 61

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



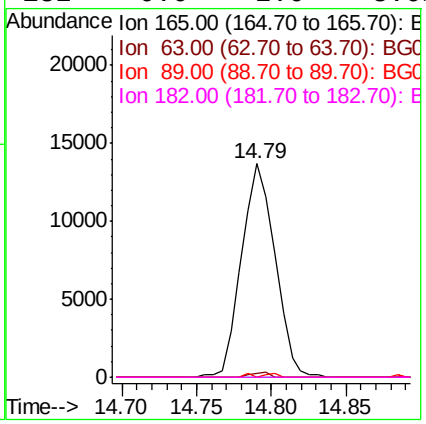


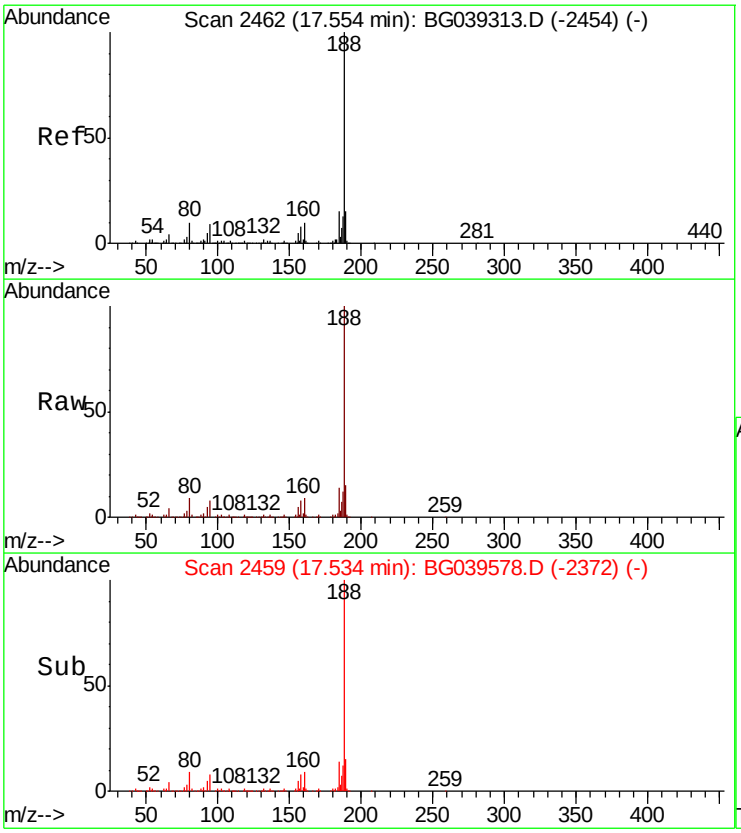
#57
2,4-Dinitrotoluene
Concen: 13.210 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.37 min
Lab File: BG039578.D
Acq: 21 Feb 2019 19:28

Instrument :
BNA_G
ClientSampleId :
NB-08-022019-B

Tgt Ion:165 Resp: 21290

Ion	Ratio	Lower	Upper
165	100		
63	1.8	41.0	61.6#
89	0.0	64.6	96.8#
182	0.0	2.0	3.0#

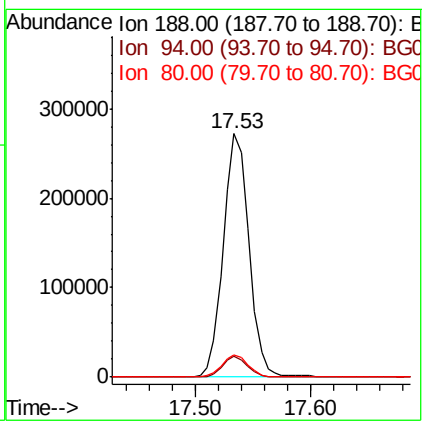


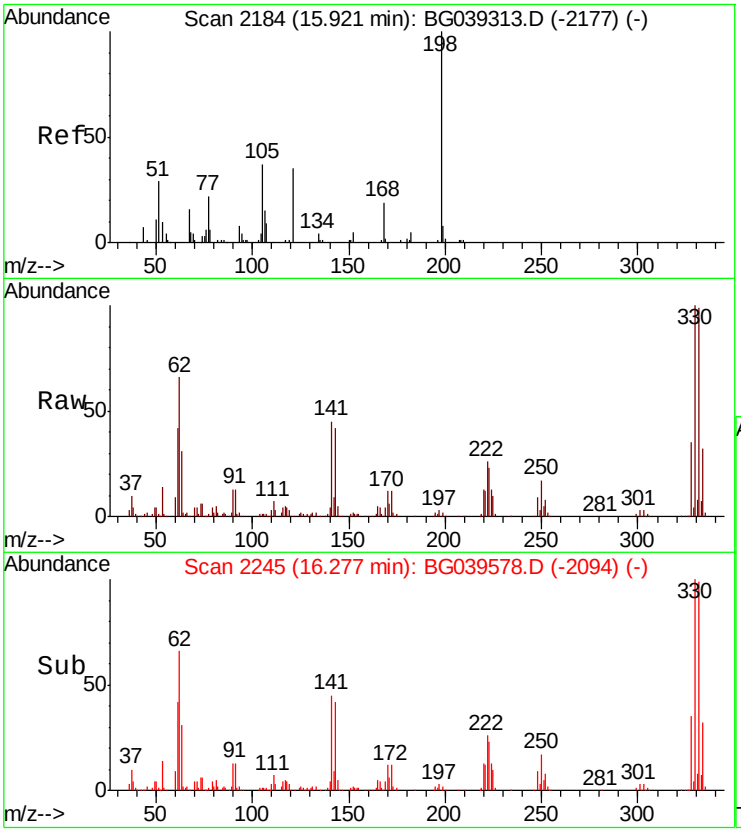


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2459
Delta R.T. -0.02 min
Lab File: BG039578.D
Acq: 21 Feb 2019 19:28

Tgt Ion:188 Resp: 419261

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.9	10.3
80	9.3	8.1	12.1



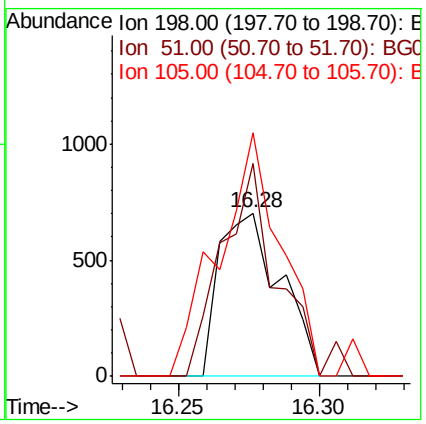


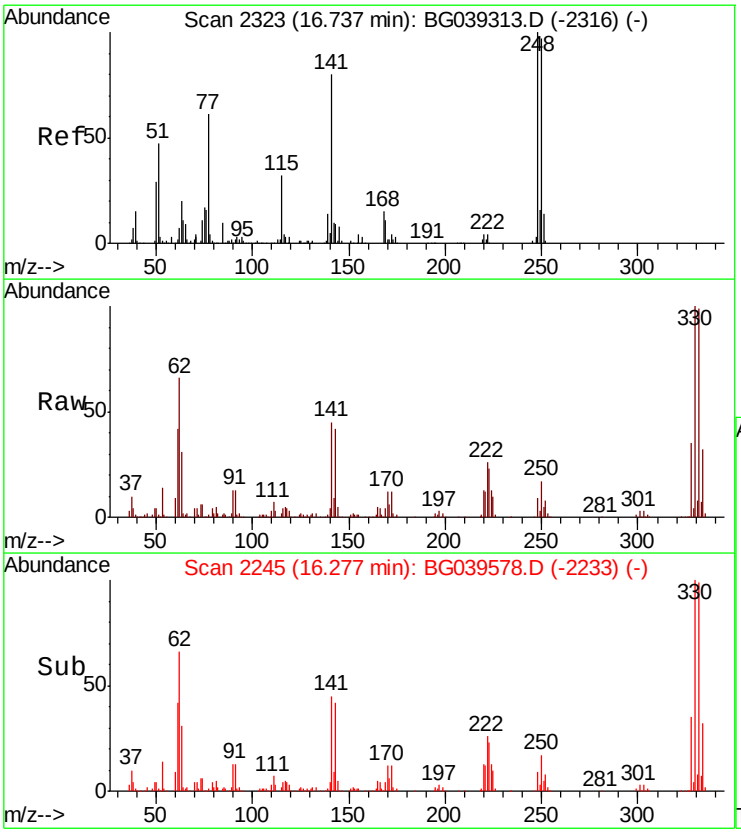
#65
4,6-Dinitro-2-methylphenol
Concen: 4.983 ng
RT: 16.28 min Scan# 2245
Delta R.T. 0.36 min
Lab File: BG039578.D
Acq: 21 Feb 2019 19:28

Instrument :
BNA_G
ClientSampleId :
NB-08-022019-B

Tgt Ion:198 Resp: 1057

Ion	Ratio	Lower	Upper
198	100		
51	130.1	27.4	67.4#
105	148.9	19.7	59.7#

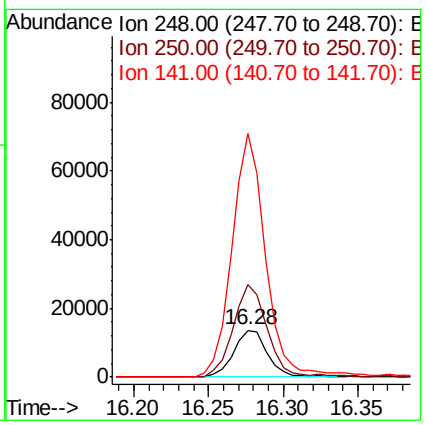


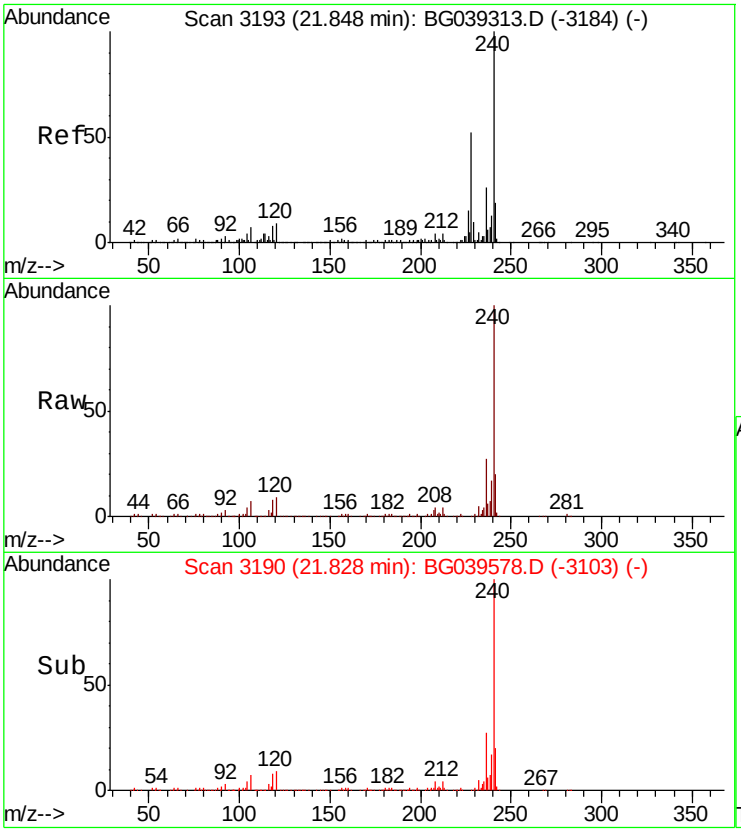


#67
4-Bromophenyl-phenylether
Concen: 4.633 ng
RT: 16.28 min Scan# 2245
Delta R.T. -0.46 min
Lab File: BG039578.D
Acq: 21 Feb 2019 19:28

Tgt Ion:248 Resp: 21550

Ion	Ratio	Lower	Upper
248	100		
250	197.0	77.6	116.4#
141	518.3	63.9	95.9#



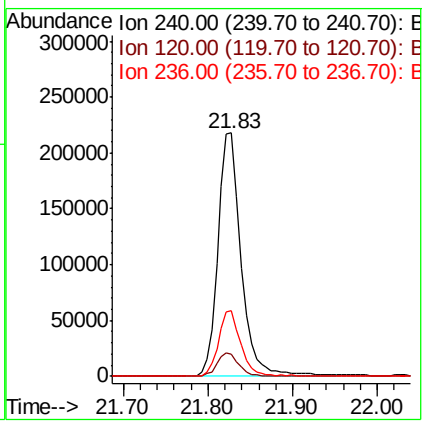


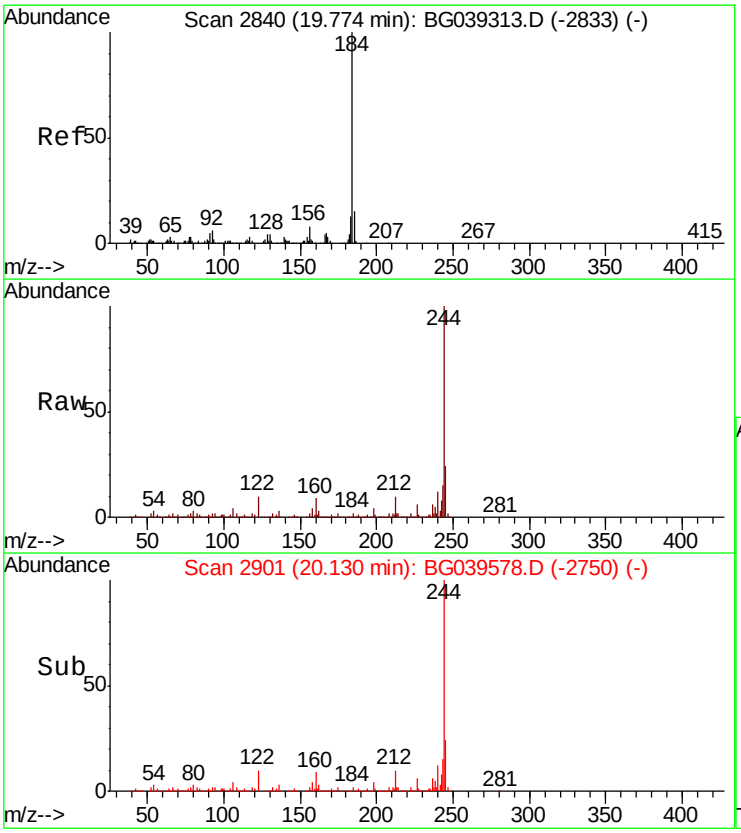
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.83 min Scan# 3190
Delta R.T. -0.02 min
Lab File: BG039578.D
Acq: 21 Feb 2019 19:28

Instrument :
BNA_G
ClientSampleId :
NB-08-022019-B

Tgt Ion:240 Resp: 416606

Ion	Ratio	Lower	Upper
240	100		
120	9.3	7.0	10.6
236	27.0	21.0	31.4

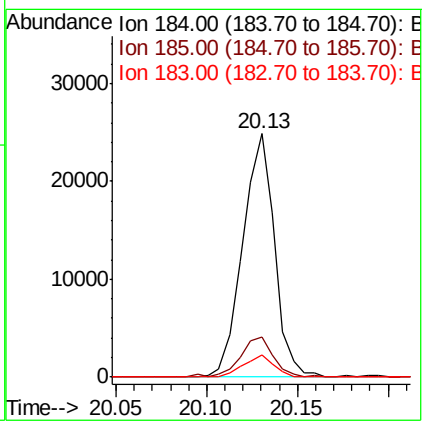


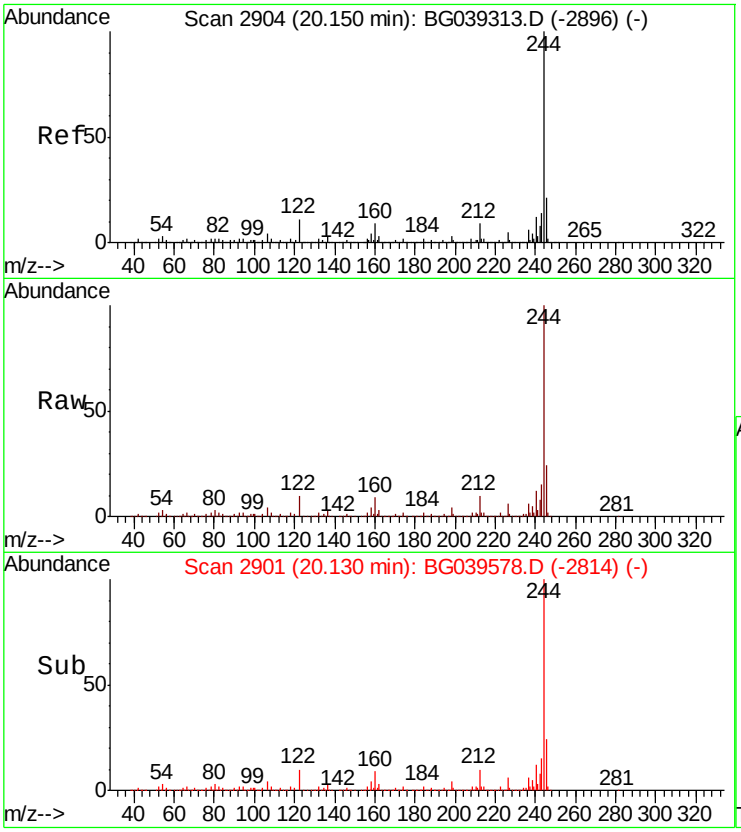


#77
Benzidine
Concen: 2.212 ng
RT: 20.13 min Scan# 2901
Delta R.T. 0.36 min
Lab File: BG039578.D
Acq: 21 Feb 2019 19:28

Tgt Ion:184 Resp: 30212

Ion	Ratio	Lower	Upper
184	100		
185	16.7	12.2	18.2
183	9.4	10.6	15.8#



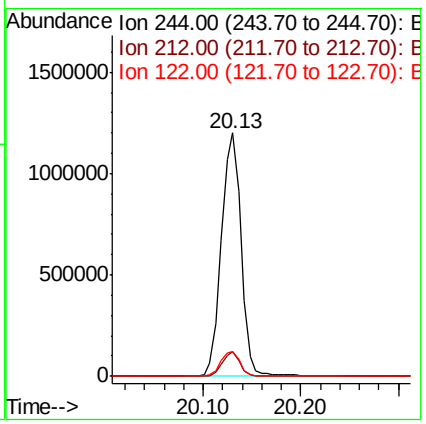


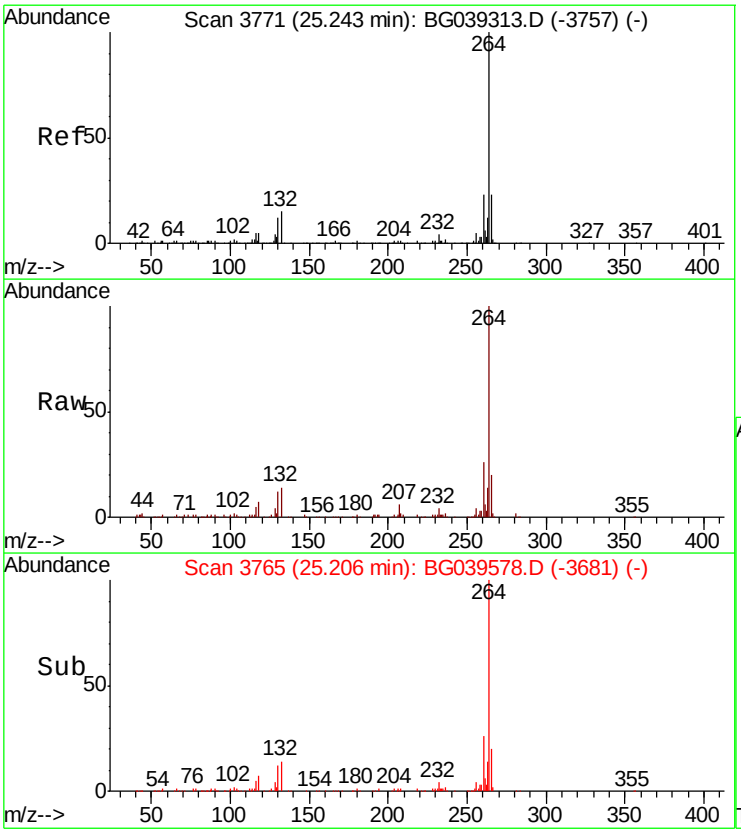
#79
Terphenyl-d14
Concen: 85.432 ng
RT: 20.13 min Scan# 2901
Delta R.T. -0.02 min
Lab File: BG039578.D
Acq: 21 Feb 2019 19:28

Instrument :
BNA_G
ClientSampleId :
NB-08-022019-B

Tgt Ion:244 Resp: 1681477

Ion	Ratio	Lower	Upper
244	100		
212	9.9	7.3	10.9
122	10.2	8.4	12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.21 min Scan# 3765
Delta R.T. -0.04 min
Lab File: BG039578.D
Acq: 21 Feb 2019 19:28

Tgt Ion:264 Resp: 350348

Ion	Ratio	Lower	Upper
264	100		
260	26.0	18.2	27.4
265	19.8	18.5	27.7