Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG022119\
Data File : BG039579.D
Acq On : 21 Feb 2019 20:07
Operator : JU/SJ
Sample : K1344-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : NB-07-022019-A

Quant Time: Feb 21 22:04:54 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	8.17	152	48914	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	219611	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	152442	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	371670	20.00	ng	-0.02
76) Chrysene-d12	21.82	240	378865	20.00	ng	-0.02
87) Perylene-d12	25.21	264	316729	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	418381	146.39	ng	0.00
7) Phenol-d6	7.31	99	550631	130.89	ng	0.00
23) Nitrobenzene-d5	9.35	82	407244	115.85	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	236737	144.22	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	955304	89.90	ng	-0.02
79) Terphenyl-d14	20.13	244	1610146	89.96	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	7.31	77	820	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	9.35	70	53884	18.047	ng	# 69
48) 2-Nitroaniline	13.63	65	76	8.319	ng	# 10
51) 2,6-Dinitrotoluene	14.79	165	19178	13.755	ng	# 22
56) 4-Nitrophenol	15.19	139	570	6.031	ng	# 1
57) 2,4-Dinitrotoluene	14.79	165	19178	13.271	ng	# 17
65) 4,6-Dinitro-2-methylphenol	16.28	198	789	4.856	ng	# 1
67) 4-Bromophenyl-phenylether	16.28	248	17322	4.201	ng	# 1
77) Benzidine	20.13	184	29126	2.345	ng	# 95

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

Quantitation Report (Not Reviewed)

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NB-07-022019-A

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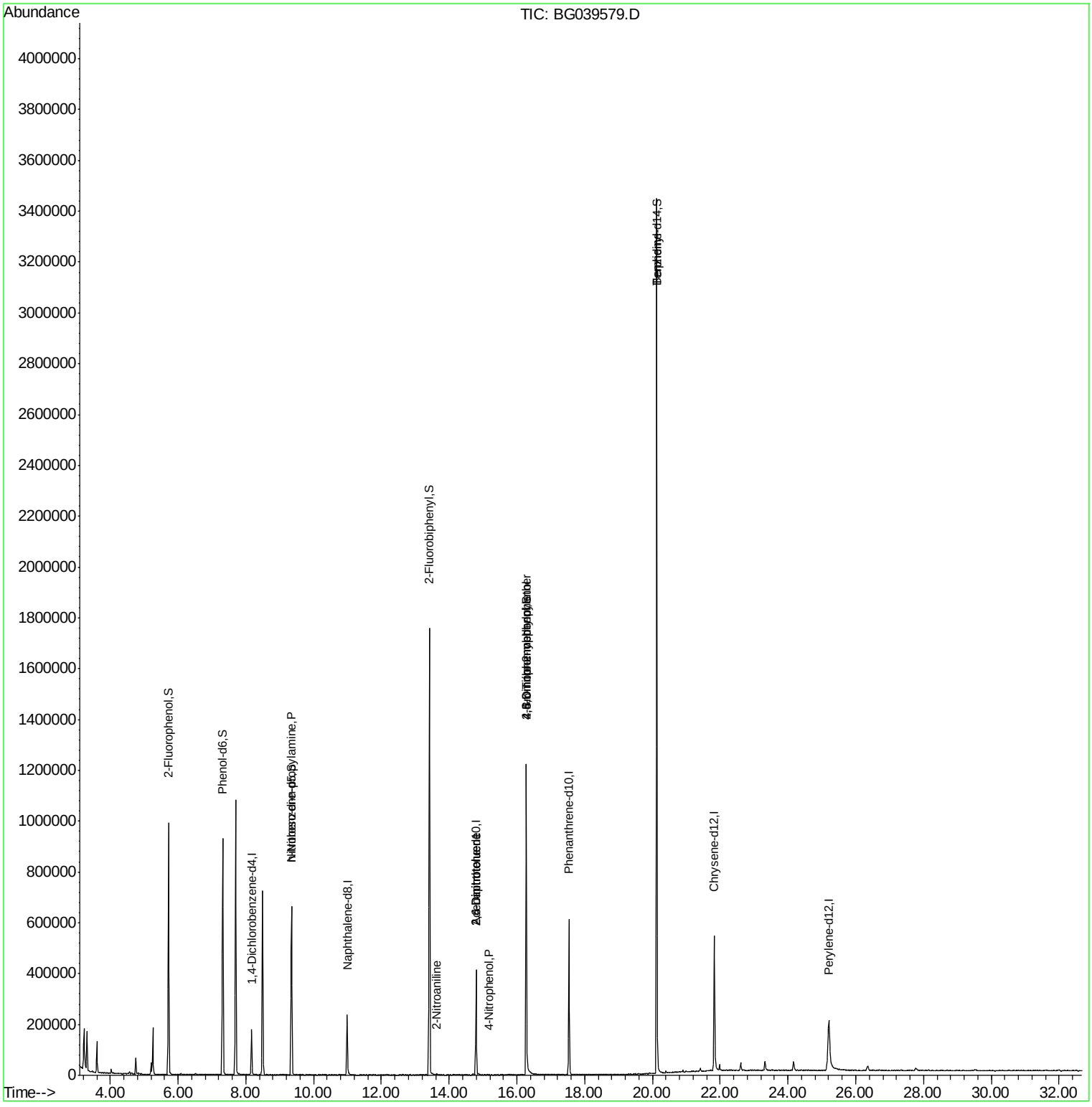
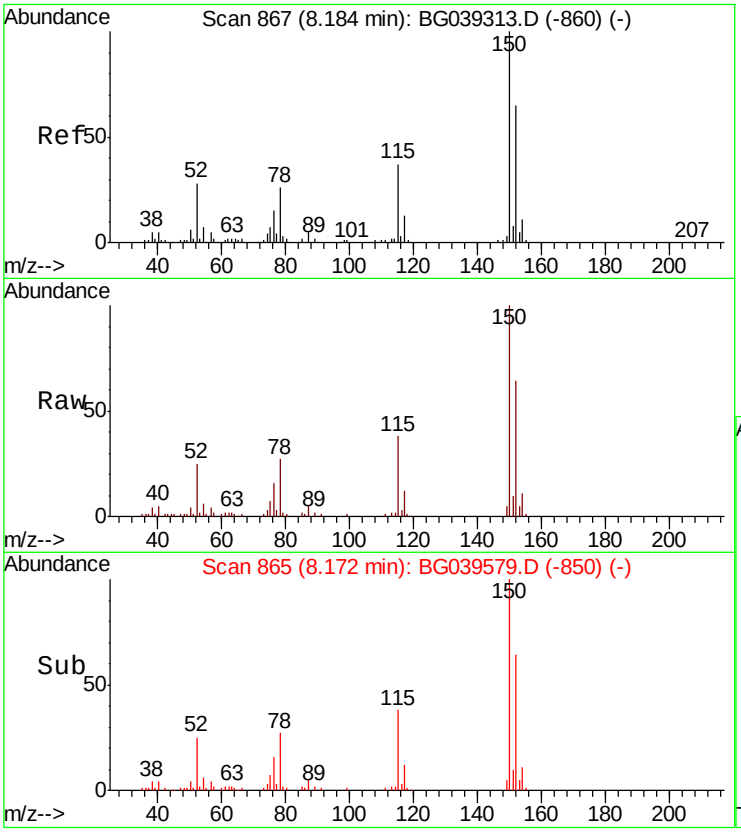


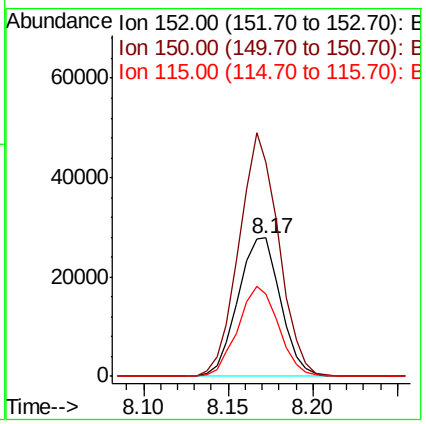


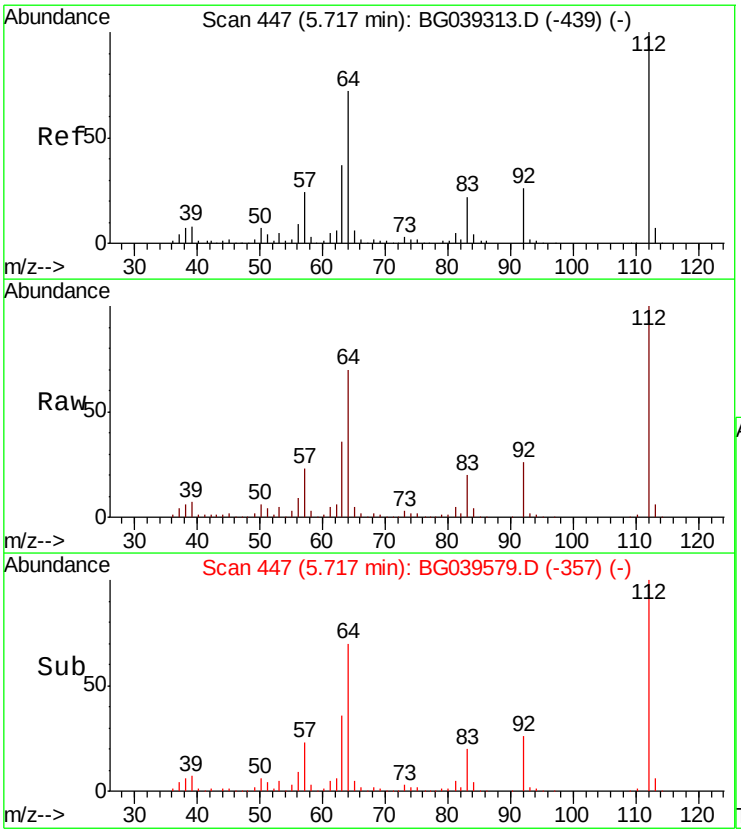
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039579.D
Acq: 21 Feb 2019 20:07

Instrument :
BNA_G
ClientSampleId :
NB-07-022019-A

Tgt Ion:152 Resp: 48914

Ion	Ratio	Lower	Upper
152	100		
150	155.1	123.7	185.5
115	59.6	45.9	68.9

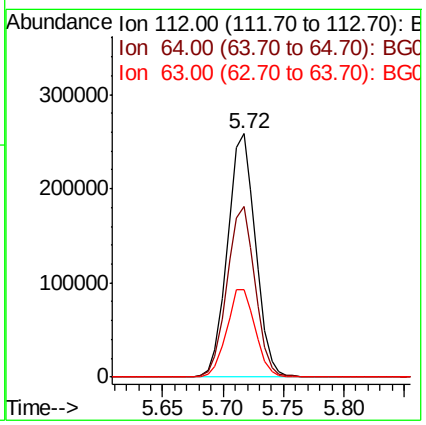


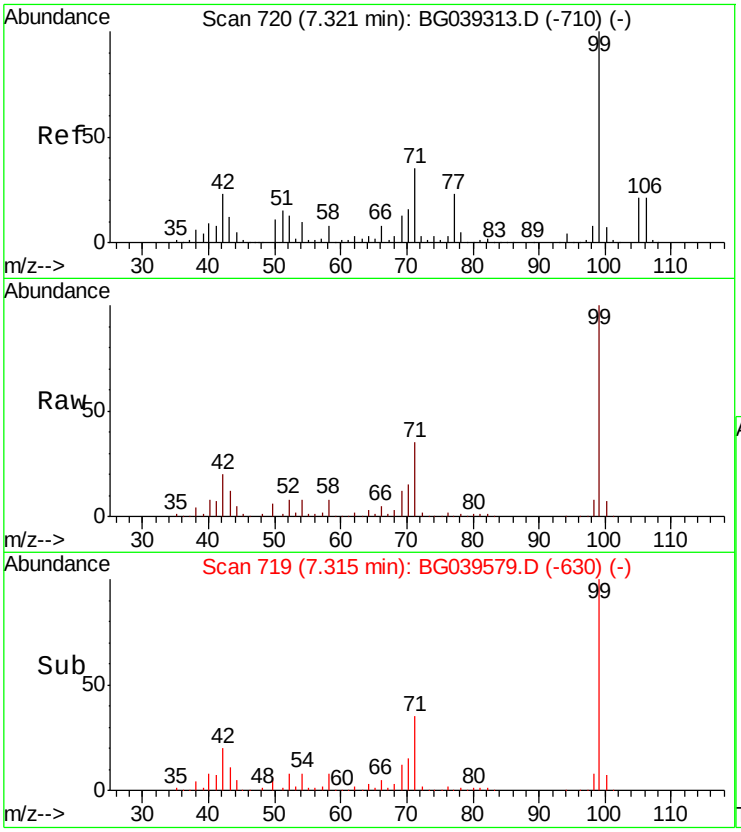


#5
2-Fluorophenol
Concen: 146.392 ng
RT: 5.72 min Scan# 447
Delta R.T. 0.00 min
Lab File: BG039579.D
Acq: 21 Feb 2019 20:07

Tgt Ion:112 Resp: 418381

Ion	Ratio	Lower	Upper
112	100		
64	69.9	57.8	86.8
63	35.9	29.8	44.6



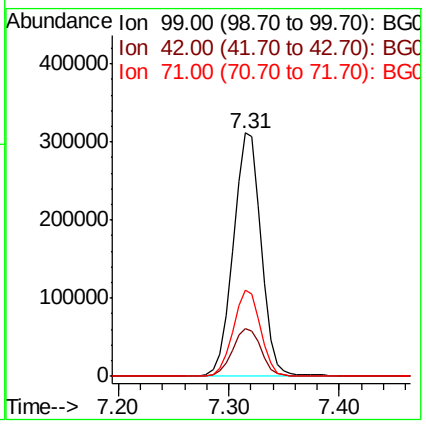


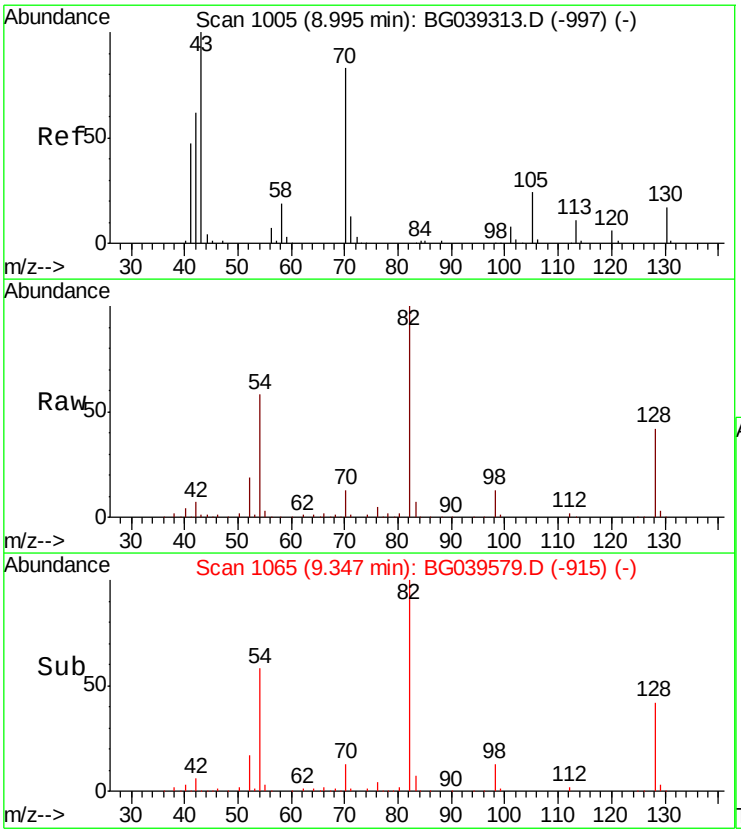
#7
Phenol-d6
Concen: 130.890 ng
RT: 7.31 min Scan# 719
Delta R.T. -0.01 min
Lab File: BG039579.D
Acq: 21 Feb 2019 20:07

Instrument :
BNA_G
ClientSampleId :
NB-07-022019-A

Tgt Ion: 99 Resp: 550631

Ion	Ratio	Lower	Upper
99	100		
42	19.9	18.2	27.2
71	35.2	28.0	42.0

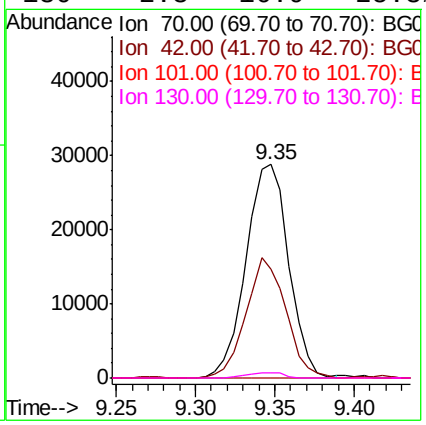


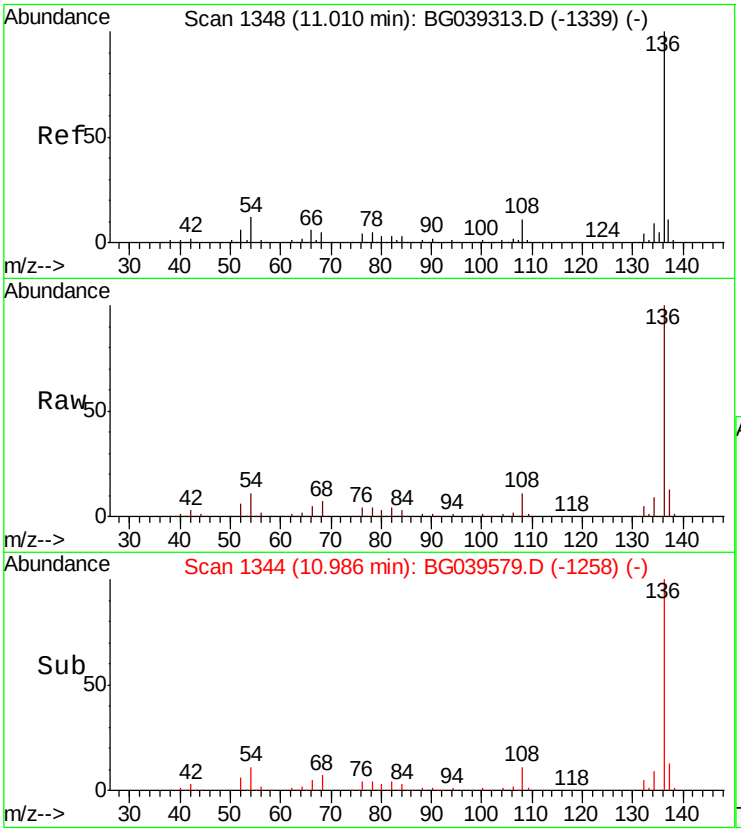


#19
n-Nitroso-di-n-propylamine
Concen: 18.047 ng
RT: 9.35 min Scan# 1065
Delta R.T. 0.35 min
Lab File: BG039579.D
Acq: 21 Feb 2019 20:07

Tgt Ion: 70 Resp: 53884

Ion	Ratio	Lower	Upper
70	100		
42	51.0	60.4	90.6#
101	0.0	7.5	11.3#
130	2.3	16.9	25.3#



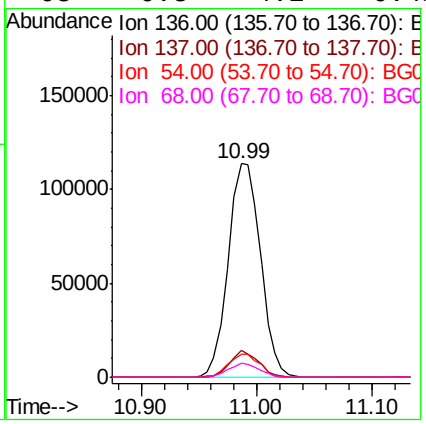


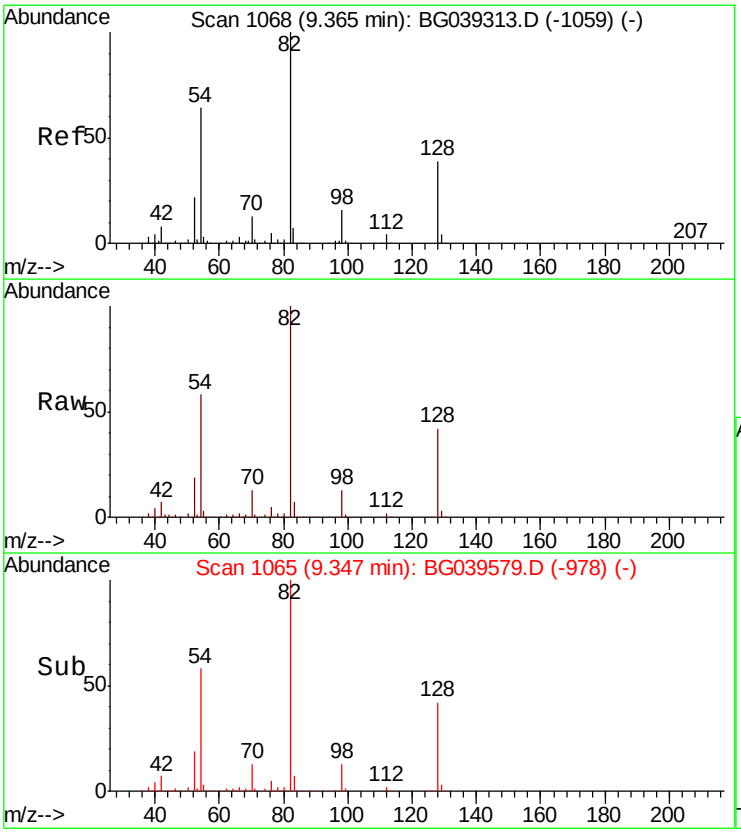
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1344
Delta R.T. -0.02 min
Lab File: BG039579.D
Acq: 21 Feb 2019 20:07

Instrument :
BNA_G
ClientSampleId :
NB-07-022019-A

Tgt Ion:136 Resp: 219611

Ion	Ratio	Lower	Upper
136	100		
137	12.6	9.1	13.7
54	10.6	9.4	14.2
68	6.8	4.2	6.4#

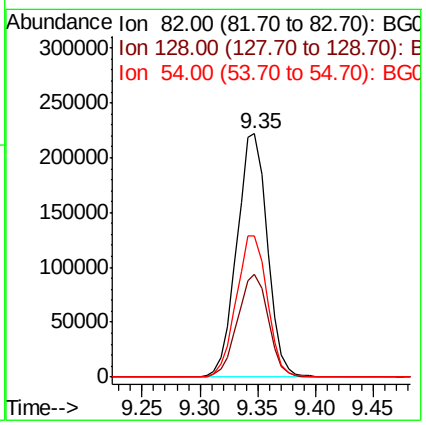


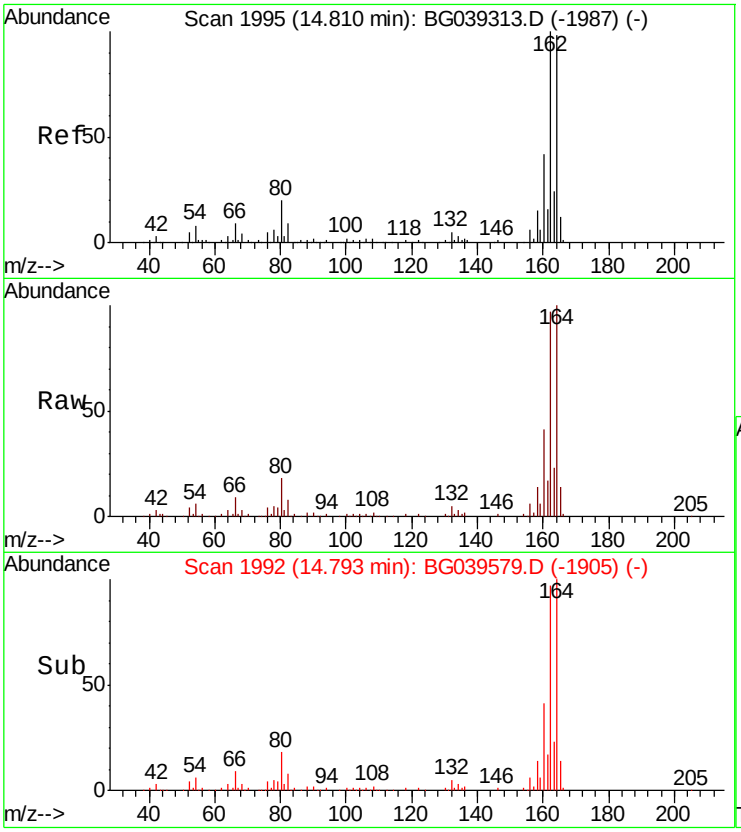


#23
Nitrobenzene-d5
Concen: 115.847 ng
RT: 9.35 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039579.D
Acq: 21 Feb 2019 20:07

Tgt Ion: 82 Resp: 407244

Ion	Ratio	Lower	Upper
82	100		
128	42.0	31.3	46.9
54	58.1	50.9	76.3



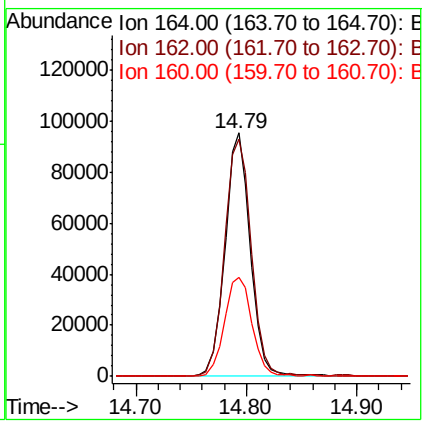


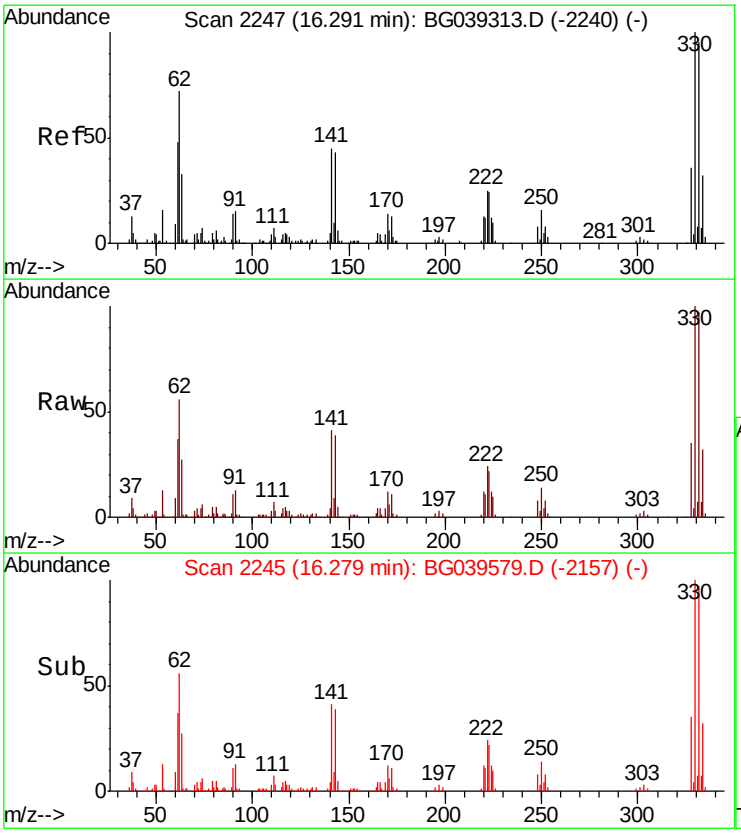
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.02 min
Lab File: BG039579.D
Acq: 21 Feb 2019 20:07

Instrument :
BNA_G
ClientSampleId :
NB-07-022019-A

Tgt Ion:164 Resp: 152442

Ion	Ratio	Lower	Upper
164	100		
162	97.4	81.6	122.4
160	40.9	34.2	51.2

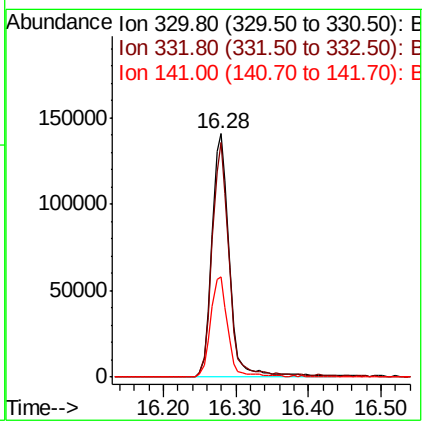


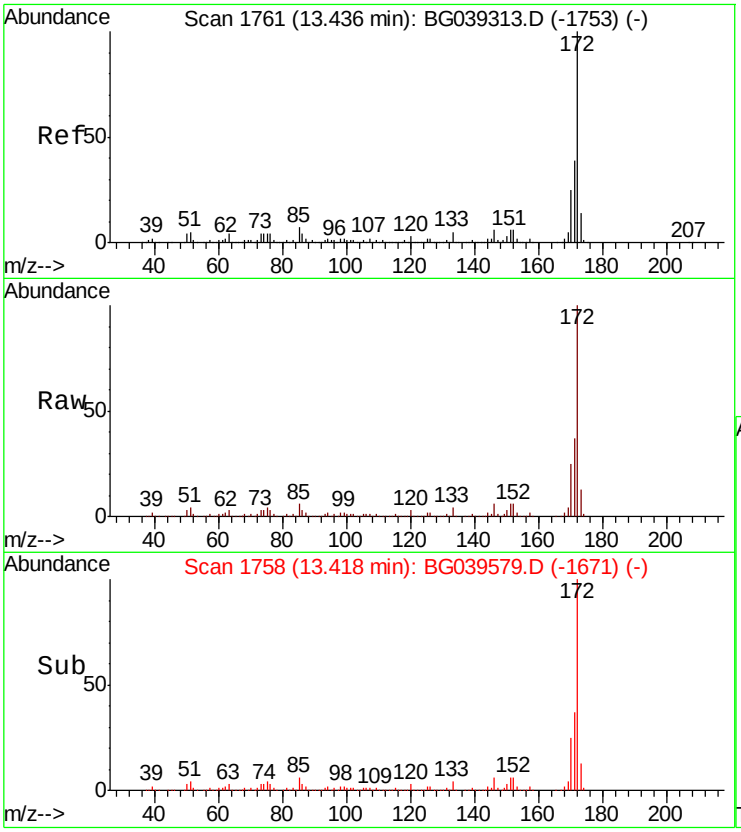


#42
2,4,6-Tribromophenol
Concen: 144.216 ng
RT: 16.28 min Scan# 2245
Delta R.T. -0.01 min
Lab File: BG039579.D
Acq: 21 Feb 2019 20:07

Tgt Ion:330 Resp: 236737

Ion	Ratio	Lower	Upper
330	100		
332	93.1	75.7	113.5
141	40.6	35.6	53.4



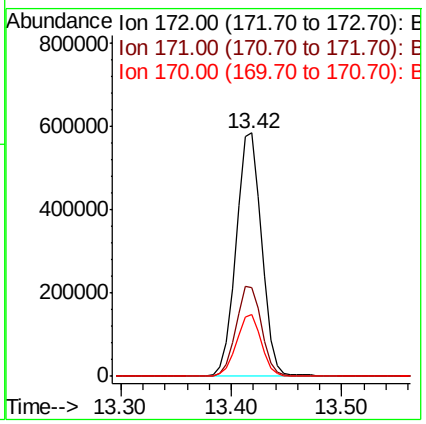


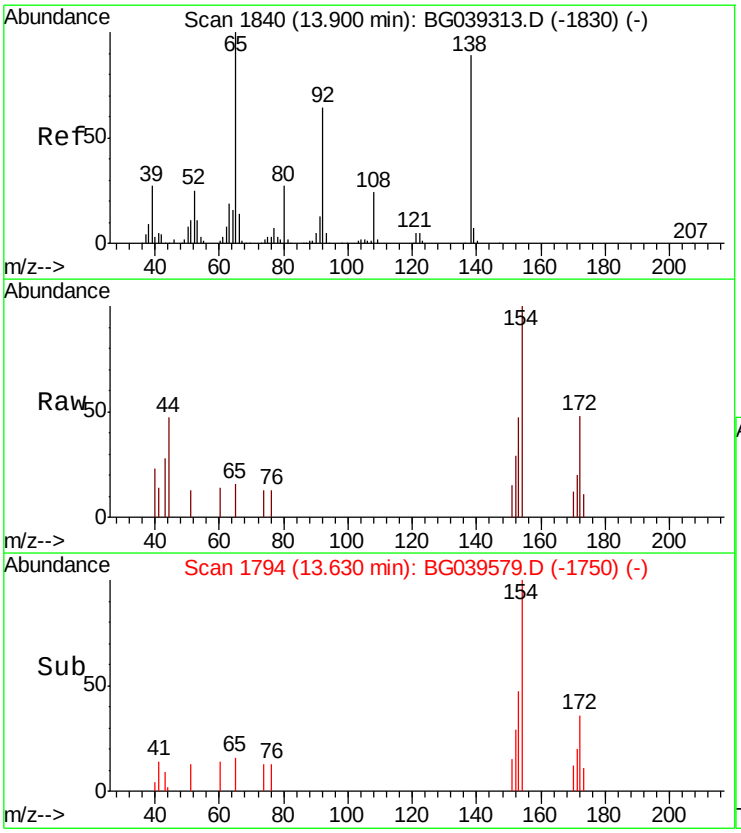
#45
2-Fluorobiphenyl
Concen: 89.899 ng
RT: 13.42 min Scan# 1758
Delta R.T. -0.02 min
Lab File: BG039579.D
Acq: 21 Feb 2019 20:07

Instrument :
BNA_G
ClientSampleId :
NB-07-022019-A

Tgt Ion:172 Resp: 955304

Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.8	46.2
170	25.3	20.2	30.4

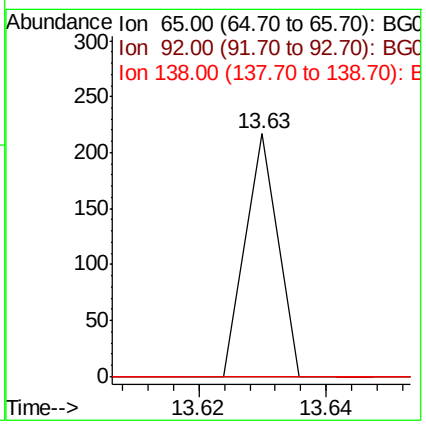


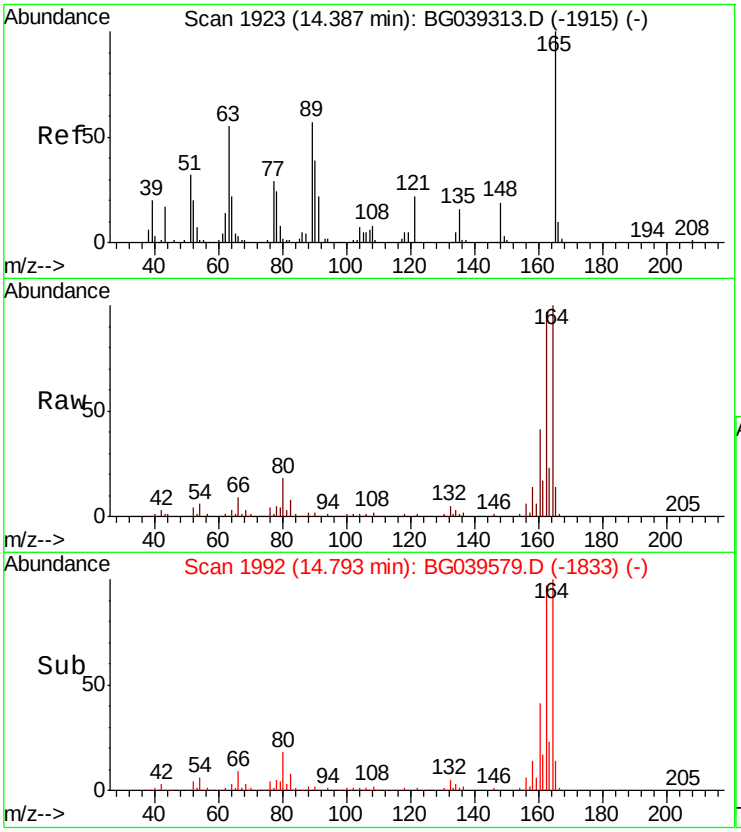


#48
2-Nitroaniline
Concen: 8.319 ng
RT: 13.63 min Scan# 1794
Delta R.T. -0.27 min
Lab File: BG039579.D
Acq: 21 Feb 2019 20:07

Tgt Ion: 65 Resp: 76

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



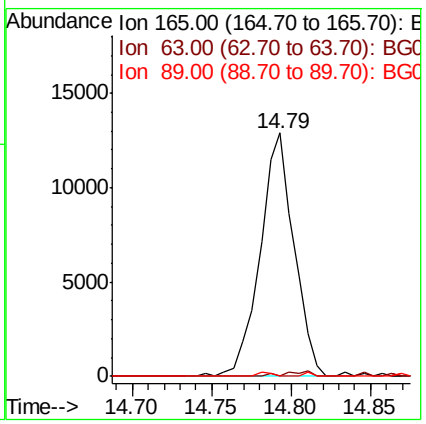


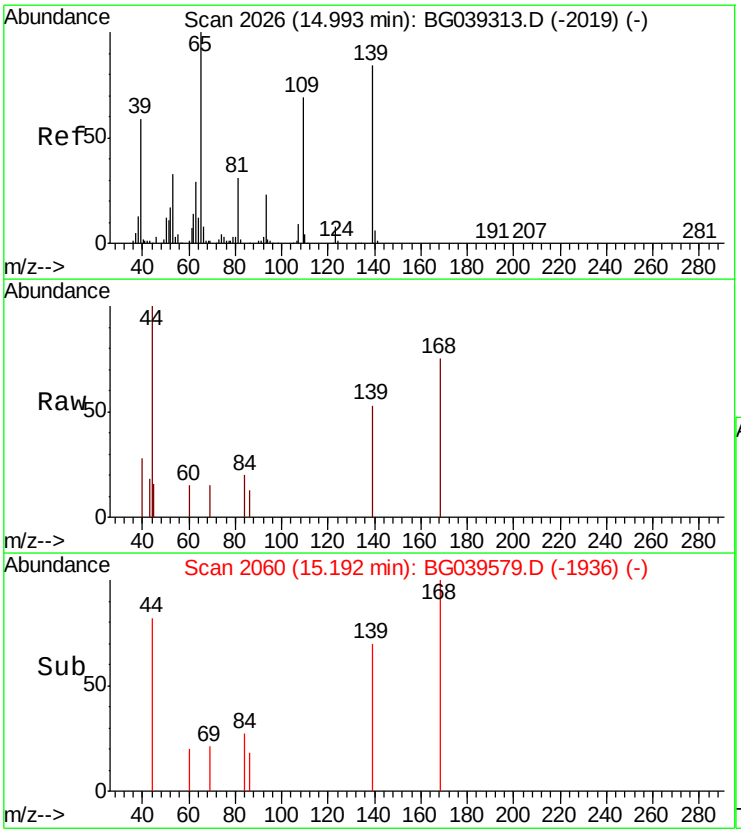
#51
2,6-Dinitrotoluene
Concen: 13.755 ng
RT: 14.79 min Scan# 1992
Delta R.T. 0.41 min
Lab File: BG039579.D
Acq: 21 Feb 2019 20:07

Instrument :
BNA_G
ClientSampleId :
NB-07-022019-A

Tgt Ion:165 Resp: 19178

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

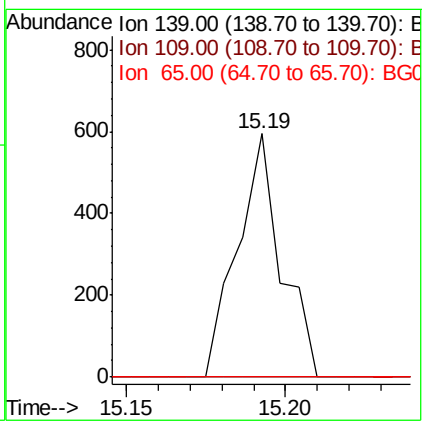


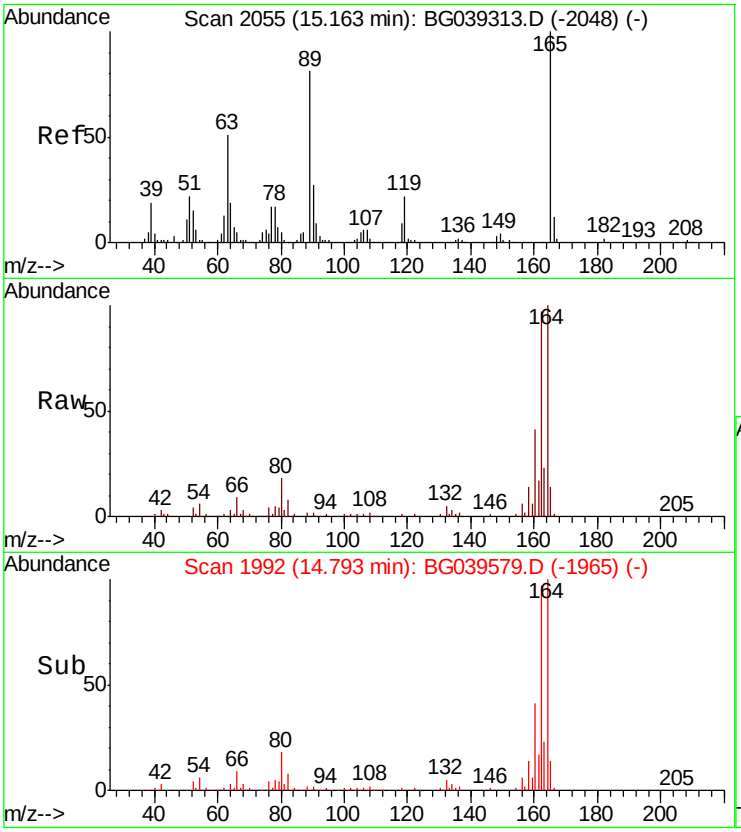


#56
4-Nitrophenol
Concen: 6.031 ng
RT: 15.19 min Scan# 2060
Delta R.T. 0.20 min
Lab File: BG039579.D
Acq: 21 Feb 2019 20:07

Tgt Ion:139 Resp: 570

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



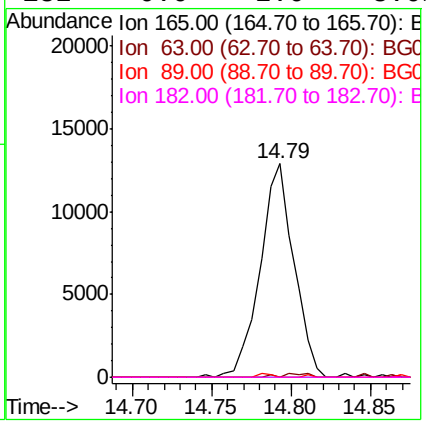


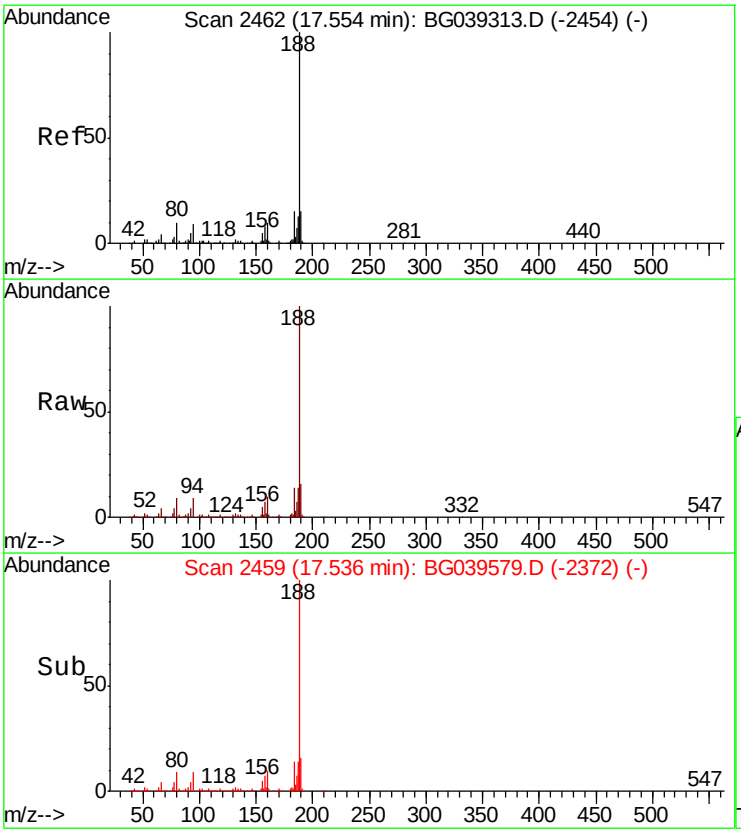
#57
2,4-Dinitrotoluene
Concen: 13.271 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.37 min
Lab File: BG039579.D
Acq: 21 Feb 2019 20:07

Instrument :
BNA_G
ClientSampleId :
NB-07-022019-A

Tgt Ion:165 Resp: 19178

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

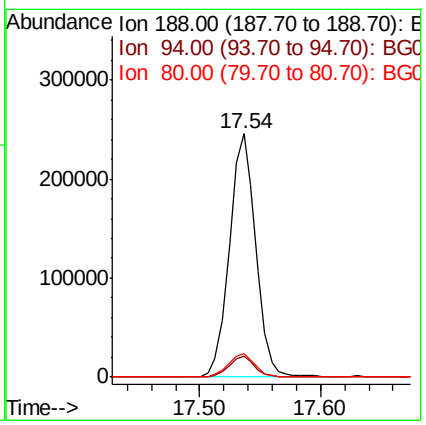


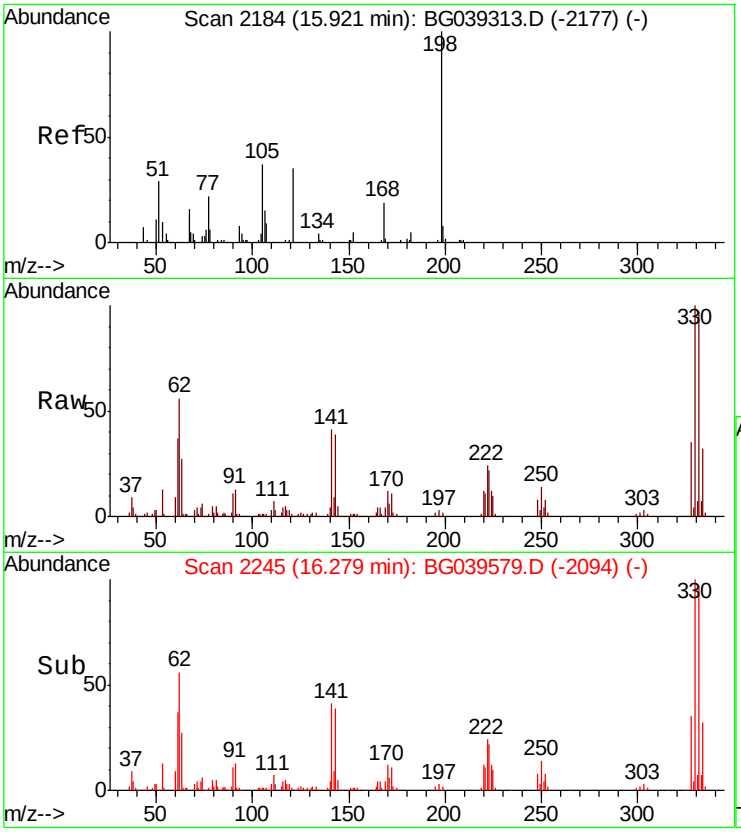


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.54 min Scan# 2459
Delta R.T. -0.02 min
Lab File: BG039579.D
Acq: 21 Feb 2019 20:07

Tgt Ion:188 Resp: 371670

Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.9	10.3
80	9.4	8.1	12.1



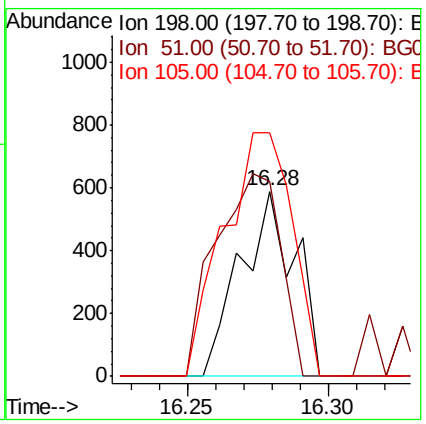


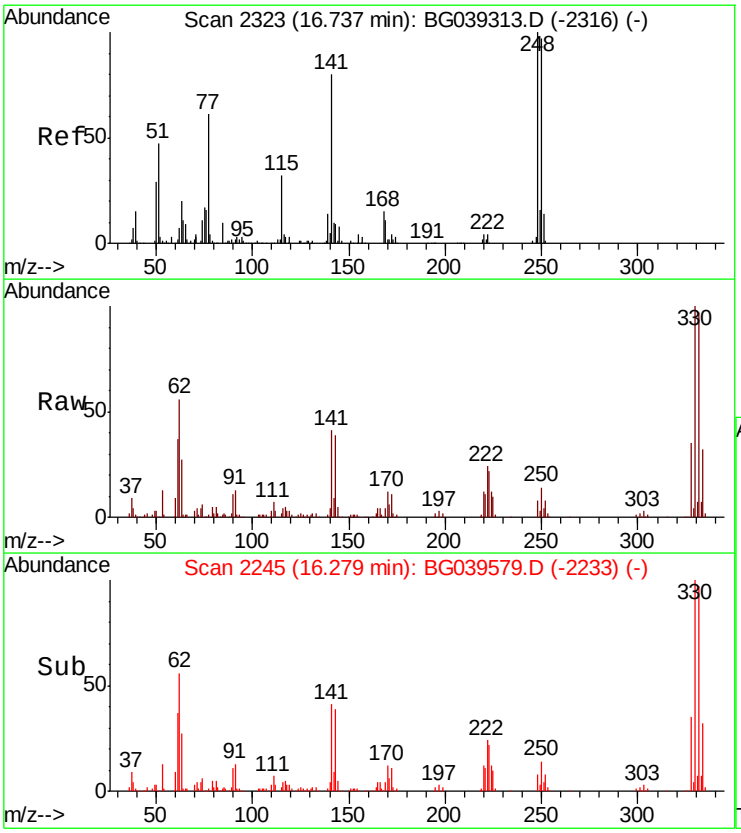
#65
4,6-Dinitro-2-methylphenol
Concen: 4.856 ng
RT: 16.28 min Scan# 2245
Delta R.T. 0.36 min
Lab File: BG039579.D
Acq: 21 Feb 2019 20:07

Instrument :
BNA_G
ClientSampleId :
NB-07-022019-A

Tgt Ion:198 Resp: 789

Ion	Ratio	Lower	Upper
198	100		
51	105.4	27.4	67.4#
105	131.6	19.7	59.7#

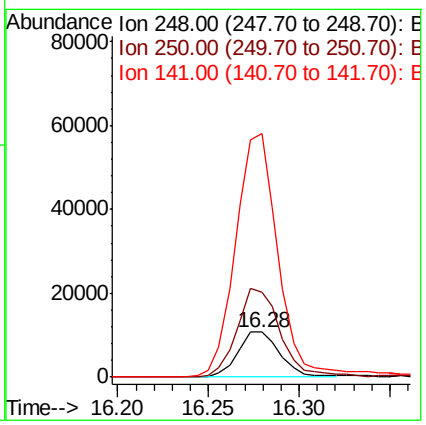


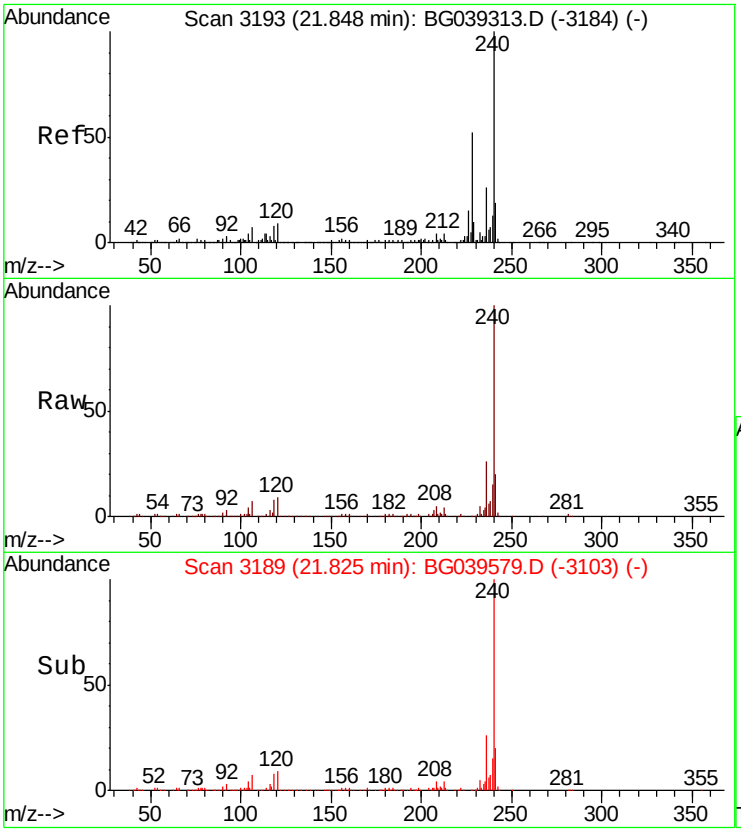


#67
4-Bromophenyl-phenylether
Concen: 4.201 ng
RT: 16.28 min Scan# 2245
Delta R.T. -0.46 min
Lab File: BG039579.D
Acq: 21 Feb 2019 20:07

Tgt Ion:248 Resp: 17322

Ion	Ratio	Lower	Upper
248	100		
250	190.7	77.6	116.4#
141	544.0	63.9	95.9#



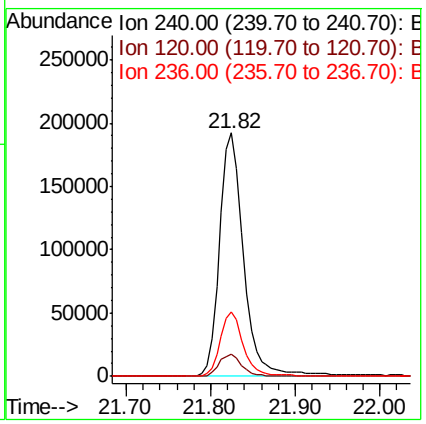


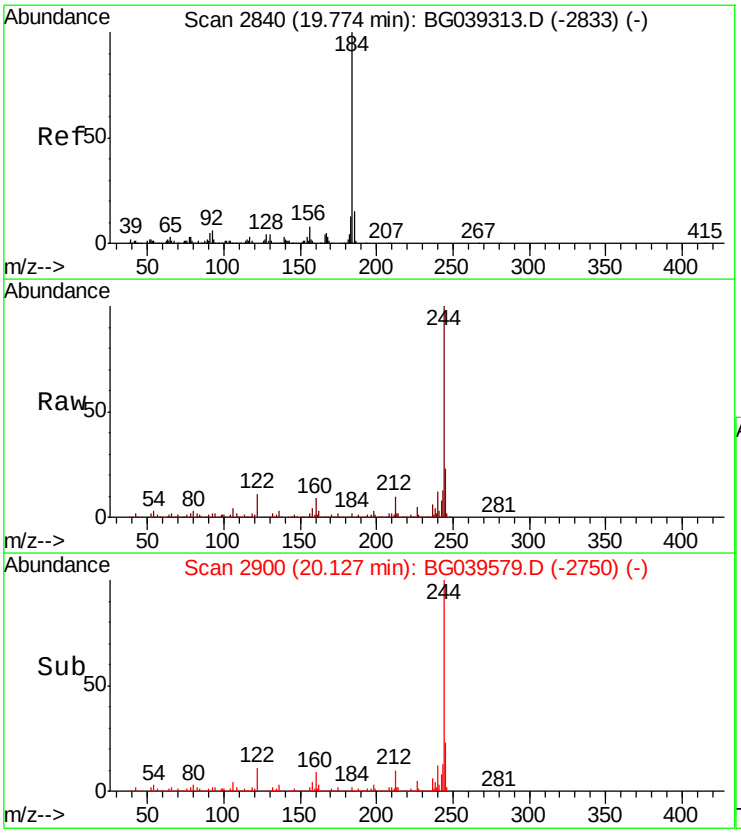
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.82 min Scan# 3189
Delta R.T. -0.02 min
Lab File: BG039579.D
Acq: 21 Feb 2019 20:07

Instrument :
BNA_G
ClientSampleId :
NB-07-022019-A

Tgt Ion:240 Resp: 378865

Ion	Ratio	Lower	Upper
240	100		
120	8.9	7.0	10.6
236	26.3	21.0	31.4

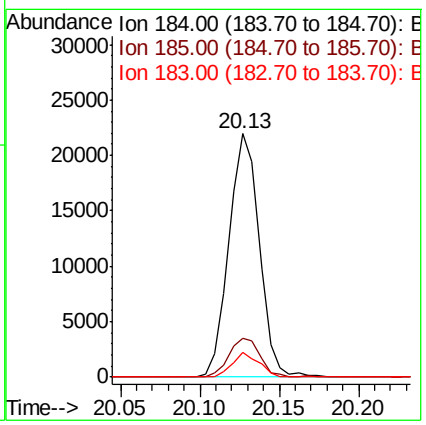


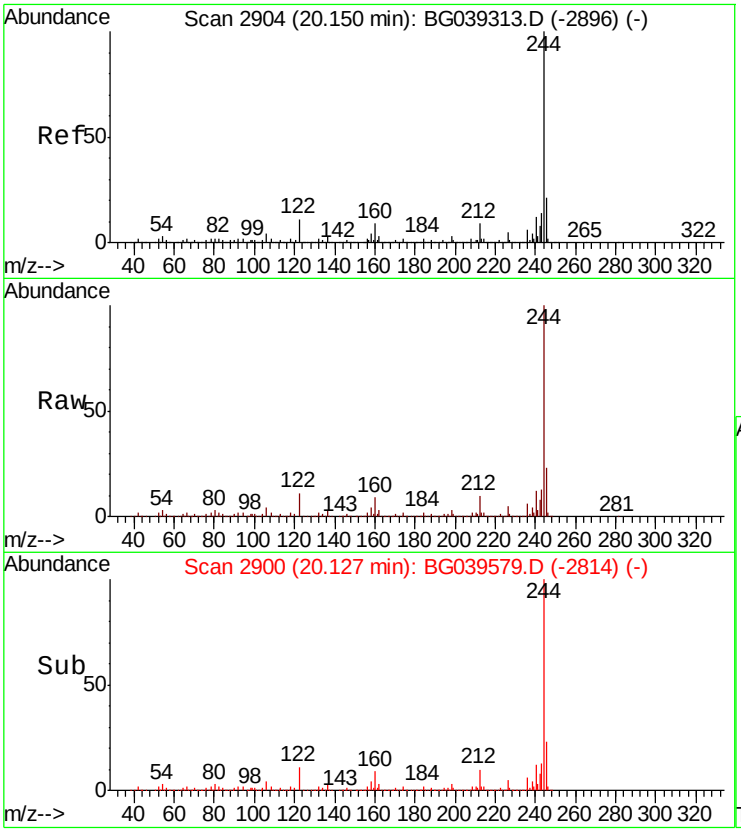


#77
Benzidine
Concen: 2.345 ng
RT: 20.13 min Scan# 2900
Delta R.T. 0.35 min
Lab File: BG039579.D
Acq: 21 Feb 2019 20:07

Tgt Ion:184 Resp: 29126

Ion	Ratio	Lower	Upper
184	100		
185	16.2	12.2	18.2
183	10.4	10.6	15.8#



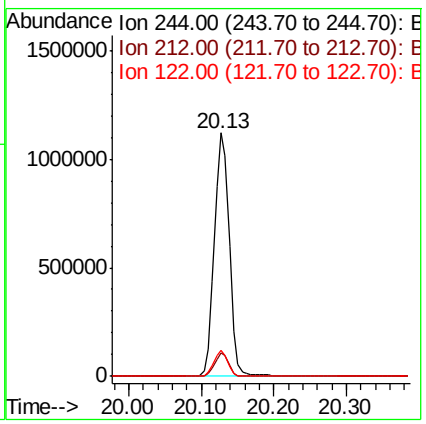


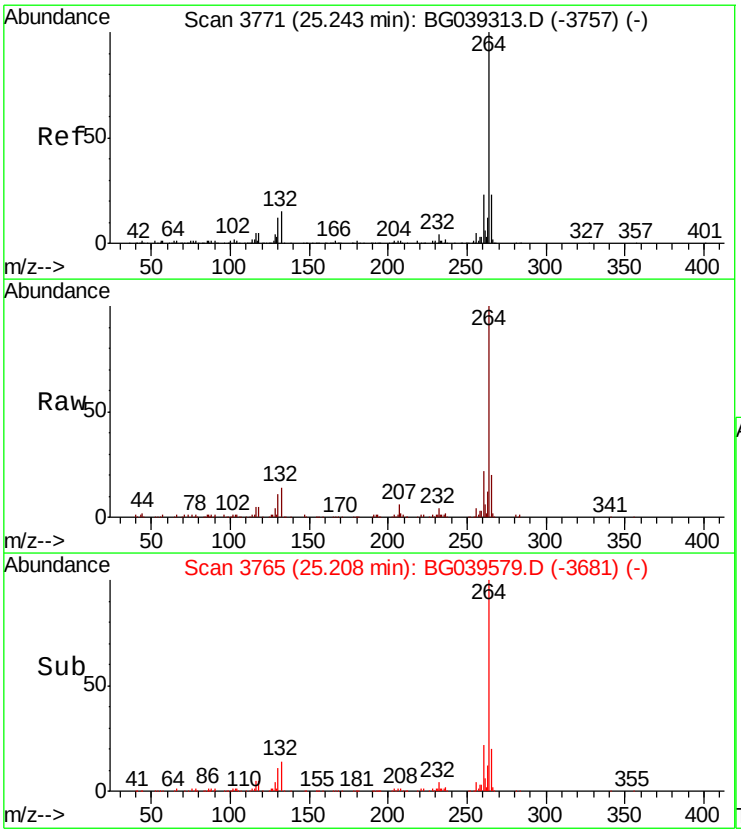
#79
Terphenyl-d14
Concen: 89.958 ng
RT: 20.13 min Scan# 2900
Delta R.T. -0.02 min
Lab File: BG039579.D
Acq: 21 Feb 2019 20:07

Instrument :
BNA_G
ClientSampleId :
NB-07-022019-A

Tgt Ion:244 Resp: 1610146

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: 25.21 min Scan# 3765
Delta R.T. -0.04 min
Lab File: BG039579.D
Acq: 21 Feb 2019 20:07

Tgt Ion:264 Resp: 316729

Ion	Ratio	Lower	Upper
264	100		
260	21.6	18.2	27.4
265	19.8	18.5	27.7