Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030119\
Data File : BG039719.D
Acq On : 2 Mar 2019 12:01
Operator : JU/SJ
Sample : K1675-40
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Mar 03 23:49:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 06:15:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	55530	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	233014	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	141671	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	333808	20.00	ng	0.00
76) Chrysene-d12	21.82	240	350523	20.00	ng	0.00
87) Perylene-d12	25.19	264	325395	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	414519	127.76	ng	0.00
7) Phenol-d6	7.31	99	534862	111.99	ng	0.00
23) Nitrobenzene-d5	9.34	82	387520	103.89	ng	0.00
42) 2,4,6-Tribromophenol	16.28	330	180315	118.20	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	885942	89.71	ng	0.00
79) Terphenyl-d14	20.12	244	1364237	82.38	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.31	77	1017	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	9.34	70	50728	14.965	ng	# 67
48) 2-Nitroaniline	13.41	65	1551	8.800	ng	# 1
51) 2,6-Dinitrotoluene	14.78	165	18197	13.906	ng	# 23
56) 4-Nitrophenol	15.20	139	62	5.822	ng	# 1
57) 2,4-Dinitrotoluene	14.78	165	18197	13.385	ng	# 18
65) 4,6-Dinitro-2-methylphenol	16.27	198	515	4.669	ng	# 1
67) 4-Bromophenyl-phenylether	16.28	248	14659	3.958	ng	# 1
77) Benzidine	20.12	184	23919	2.081	ng	# 90

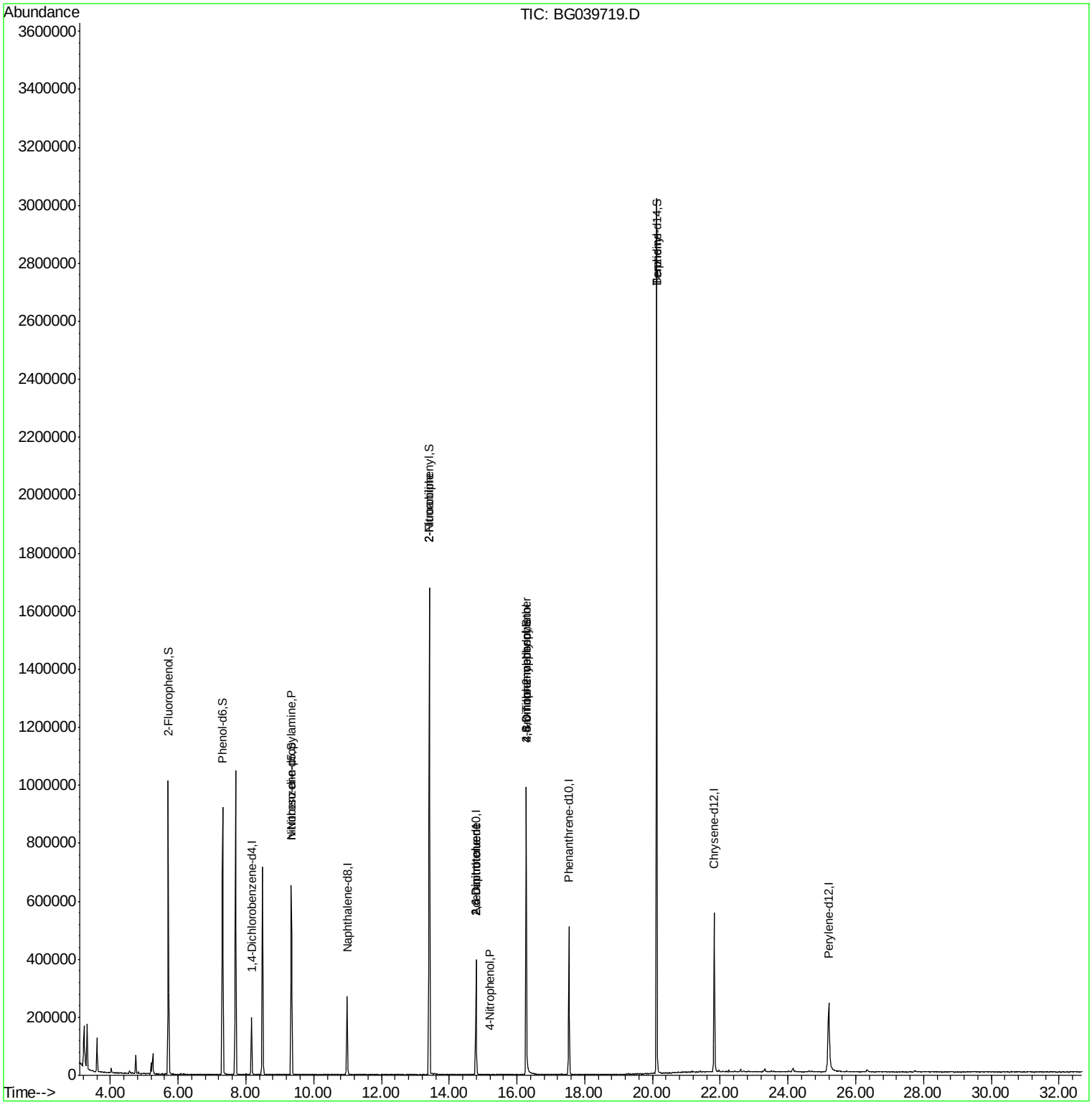
(#) = qualifier out of range (m) = manual integration (+) = signals summed

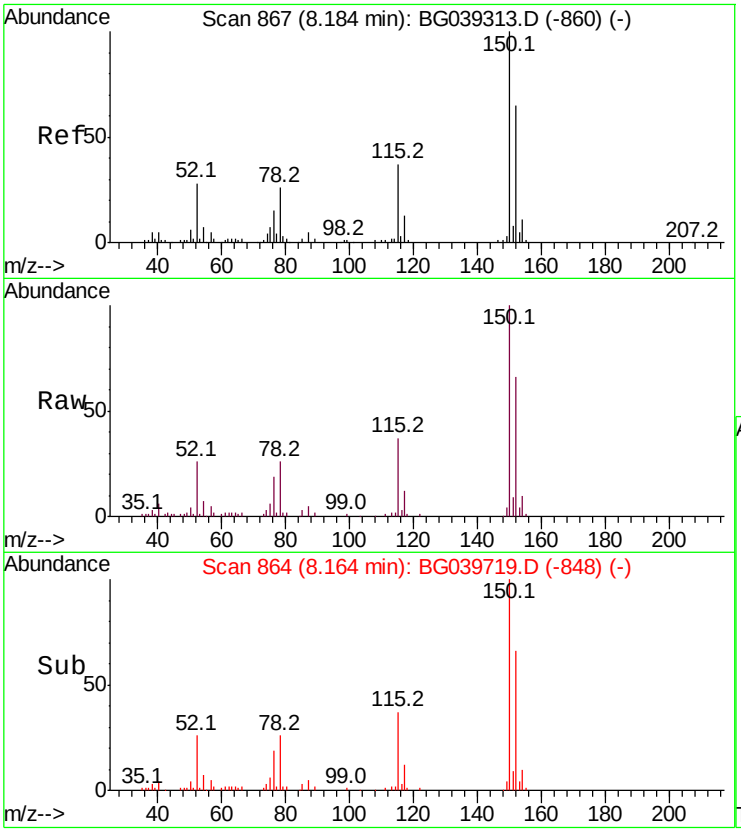
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030119\
Data File : BG039719.D
Acq On : 2 Mar 2019 12:01
Operator : JU/SJ
Sample : K1675-40
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Mar 03 23:49:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 06:15:02 2019
Response via : Initial Calibration

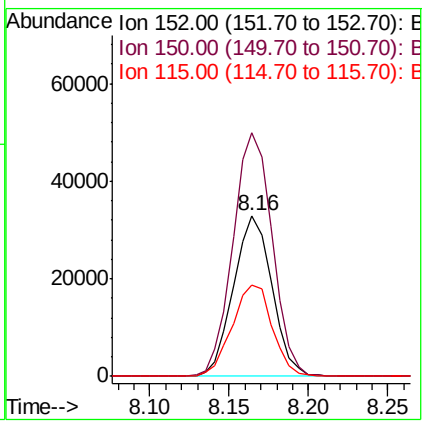




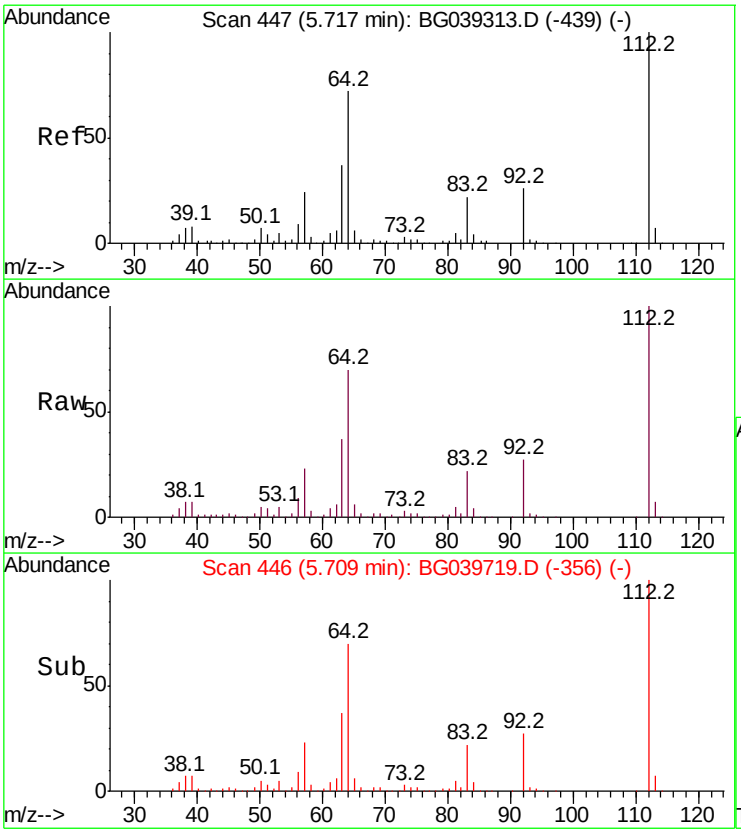
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 864
Delta R.T. -0.01 min
Lab File: BG039719.D
Acq: 2 Mar 2019 12:01

Tgt Ion:152 Resp: 55530

Ion	Ratio	Lower	Upper
152	100		
150	151.3	123.7	185.5
115	56.7	45.9	68.9



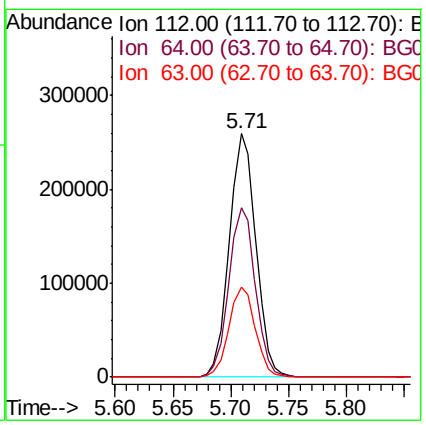
Instrument :
BNA_G
ClientSampleId :

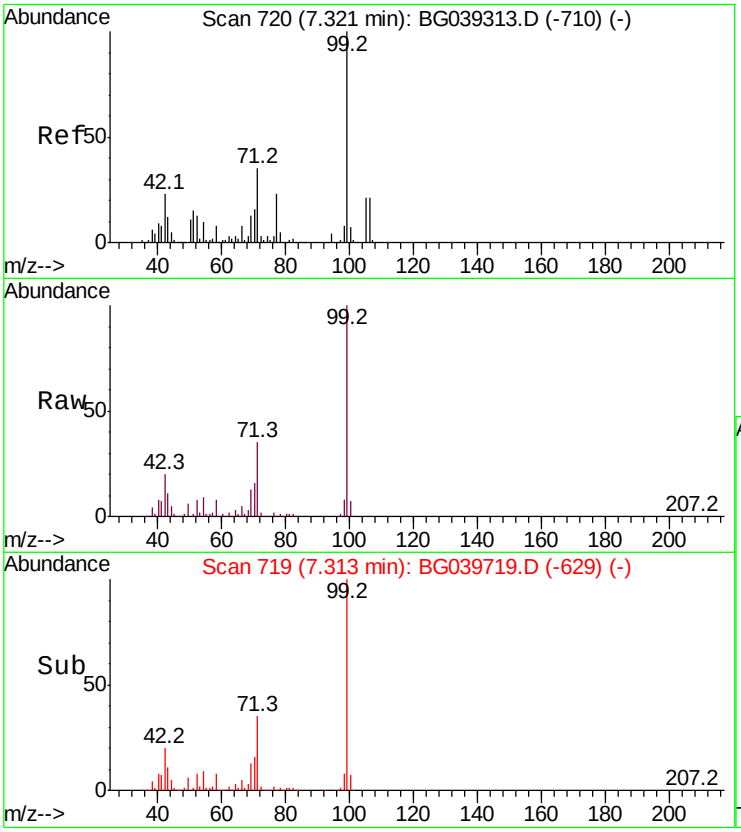


#5
2-Fluorophenol
Concen: 127.760 ng
RT: 5.71 min Scan# 446
Delta R.T. 0.00 min
Lab File: BG039719.D
Acq: 2 Mar 2019 12:01

Tgt Ion:112 Resp: 414519

Ion	Ratio	Lower	Upper
112	100		
64	69.7	57.8	86.8
63	37.0	29.8	44.6



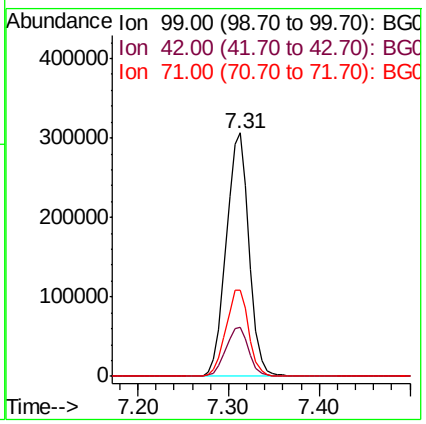


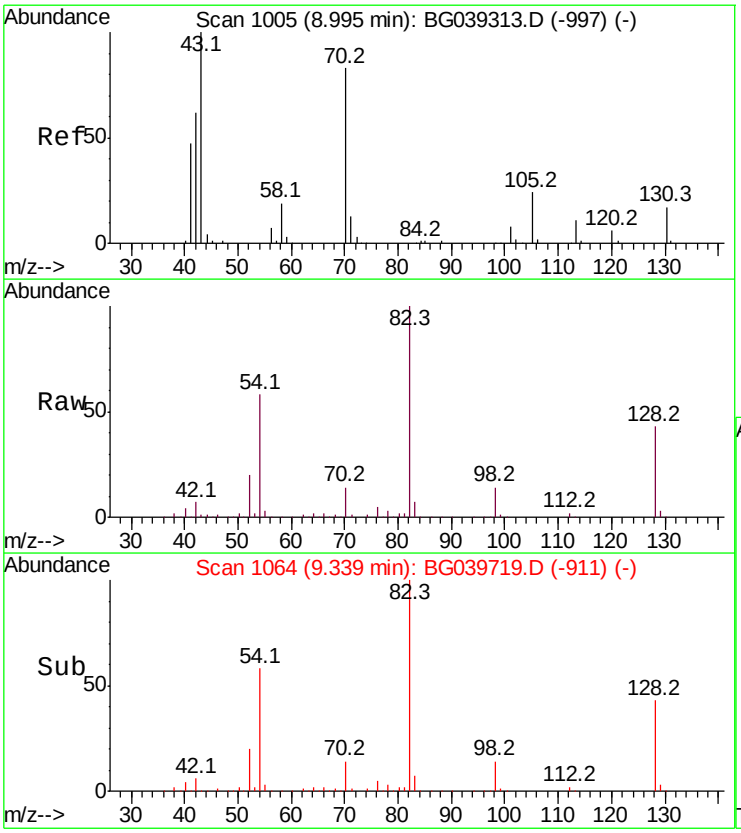
#7
Phenol-d6
Concen: 111.994 ng
RT: 7.31 min Scan# 719
Delta R.T. 0.00 min
Lab File: BG039719.D
Acq: 2 Mar 2019 12:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 534862

Ion	Ratio	Lower	Upper
99	100		
42	20.4	18.2	27.2
71	35.5	28.0	42.0

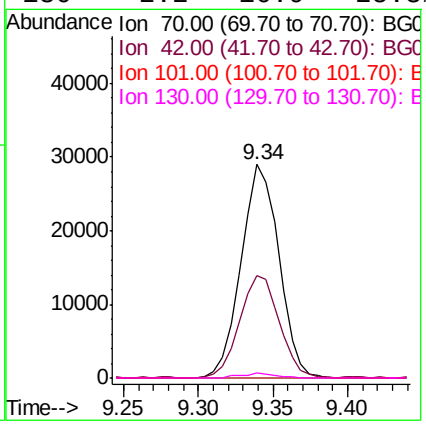


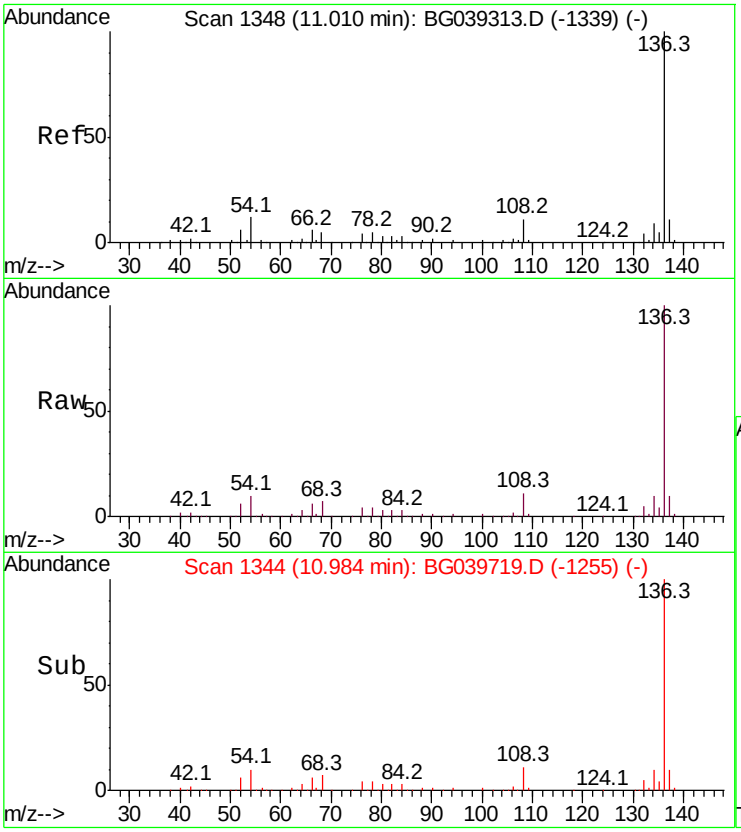


#19
n-Nitroso-di-n-propylamine
Concen: 14.965 ng
RT: 9.34 min Scan# 1064
Delta R.T. 0.37 min
Lab File: BG039719.D
Acq: 2 Mar 2019 12:01

Tgt Ion: 70 Resp: 50728

Ion	Ratio	Lower	Upper
70	100		
42	48.0	60.4	90.6#
101	0.0	7.5	11.3#
130	2.2	16.9	25.3#



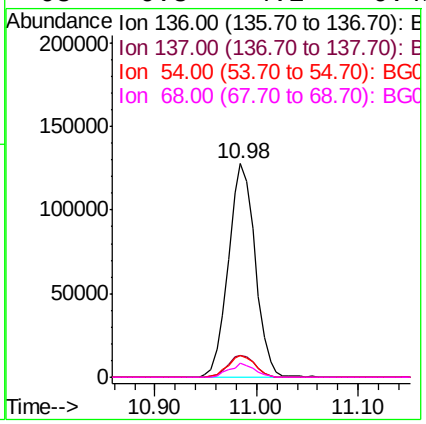


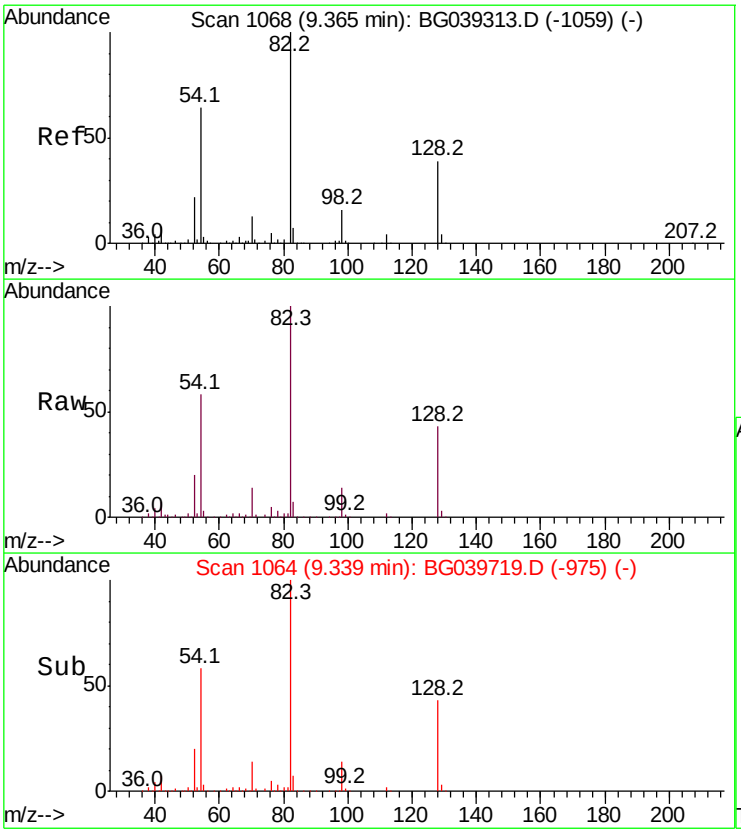
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BG039719.D
Acq: 2 Mar 2019 12:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 233014

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.1	13.7
54	10.2	9.4	14.2
68	6.8	4.2	6.4#

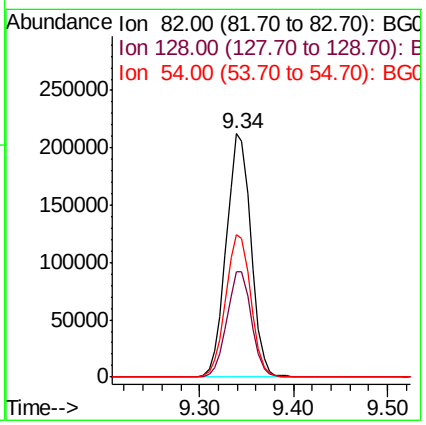


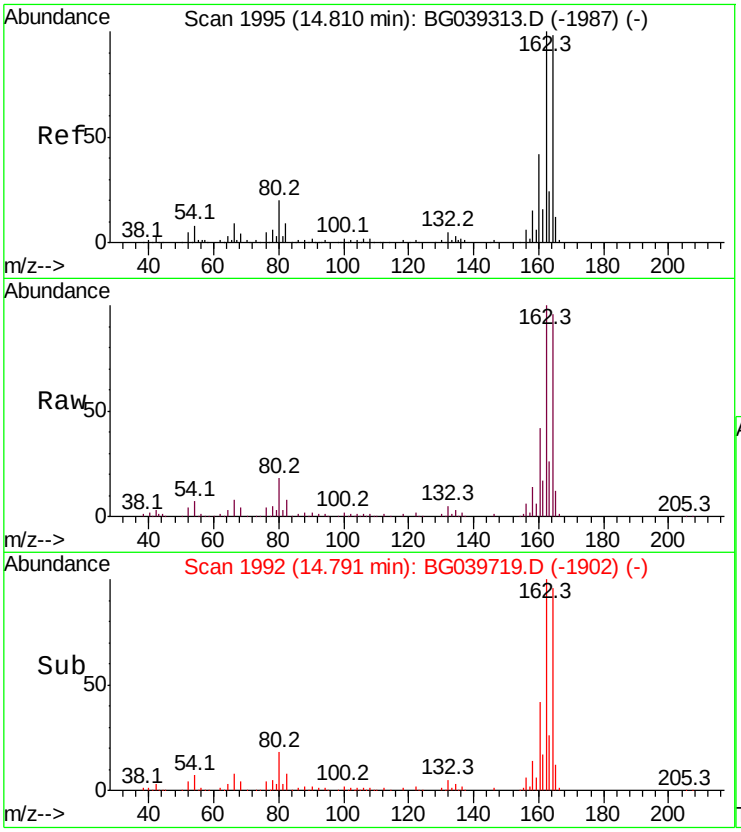


#23
Nitrobenzene-d5
Concen: 103.895 ng
RT: 9.34 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BG039719.D
Acq: 2 Mar 2019 12:01

Tgt Ion: 82 Resp: 387520

Ion	Ratio	Lower	Upper
82	100		
128	43.3	31.3	46.9
54	58.3	50.9	76.3



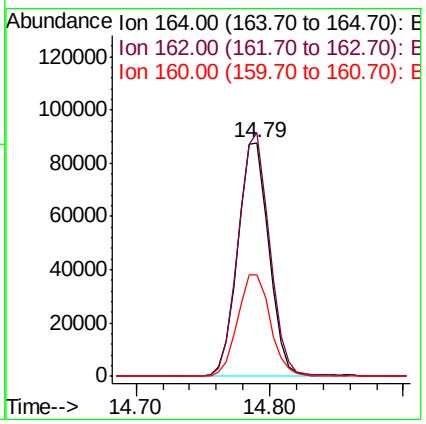


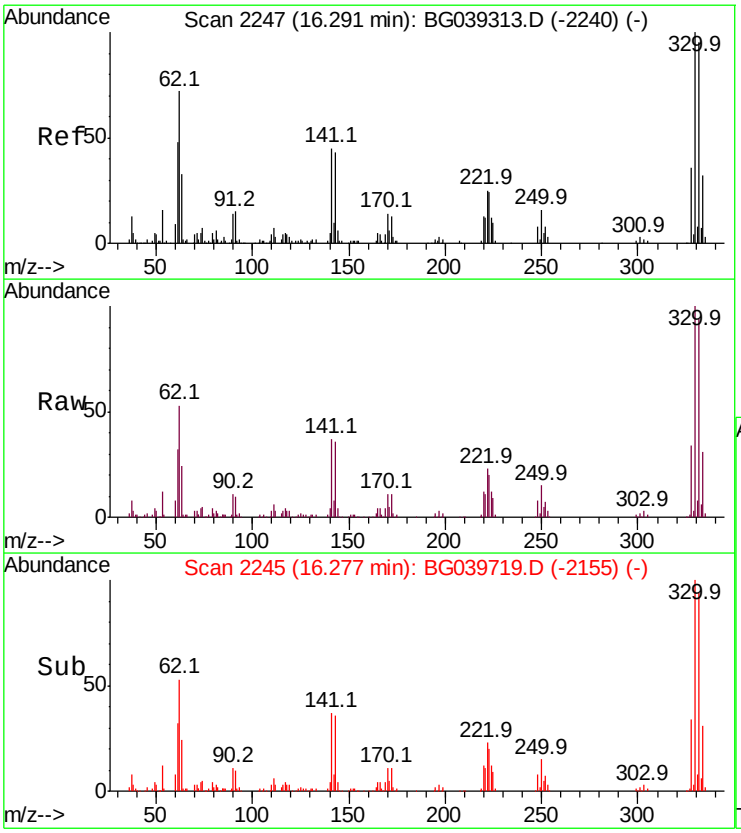
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1992
Delta R.T. 0.00 min
Lab File: BG039719.D
Acq: 2 Mar 2019 12:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 141671

Ion	Ratio	Lower	Upper
164	100		
162	104.2	81.6	122.4
160	43.7	34.2	51.2

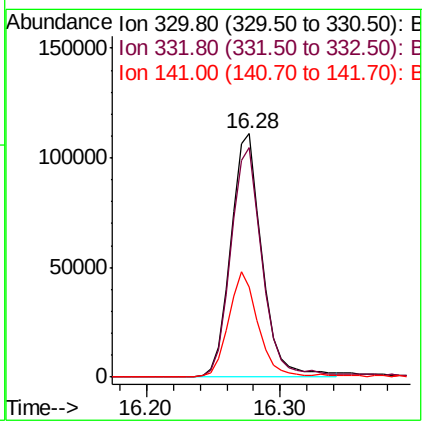


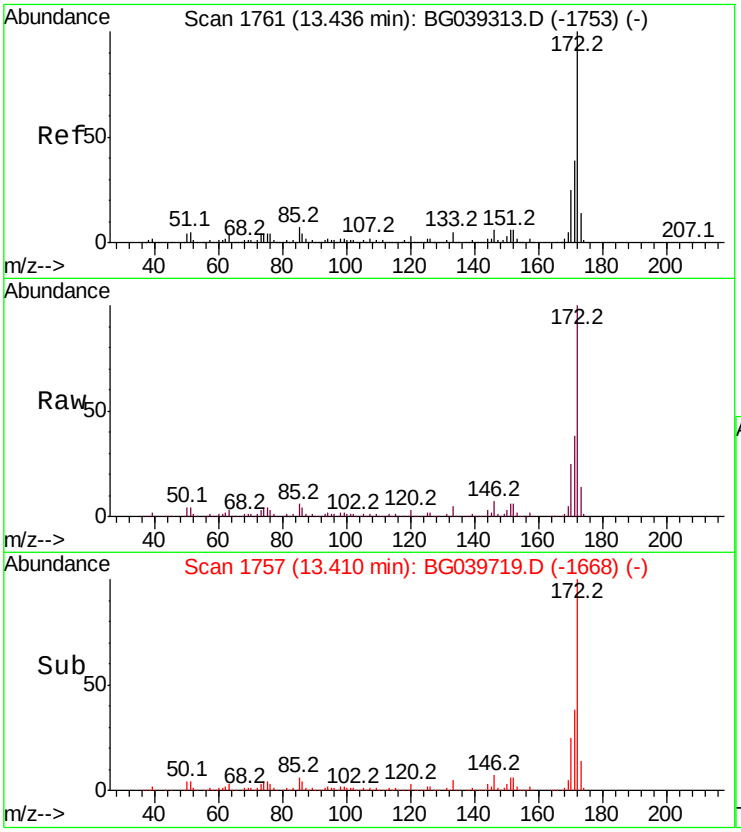


#42
2,4,6-Tribromophenol
Concen: 118.196 ng
RT: 16.28 min Scan# 2245
Delta R.T. 0.00 min
Lab File: BG039719.D
Acq: 2 Mar 2019 12:01

Tgt Ion:330 Resp: 180315

Ion	Ratio	Lower	Upper
330	100		
332	97.1	75.7	113.5
141	40.8	35.6	53.4



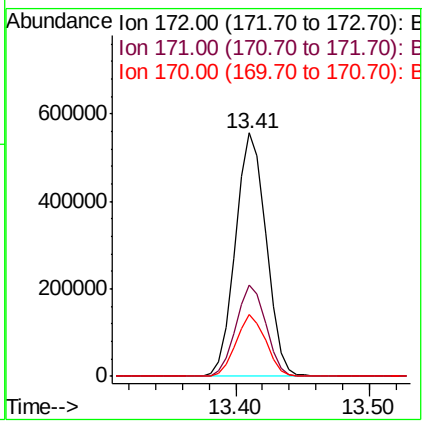


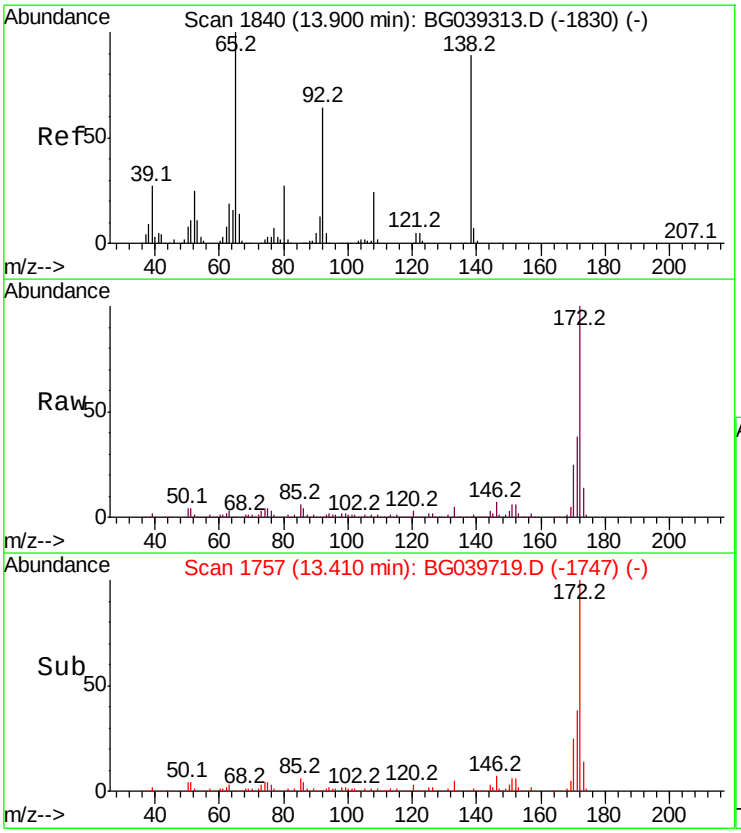
#45
2-Fluorobiphenyl
Concen: 89.710 ng
RT: 13.41 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BG039719.D
Acq: 2 Mar 2019 12:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 885942

Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.8	46.2
170	25.3	20.2	30.4

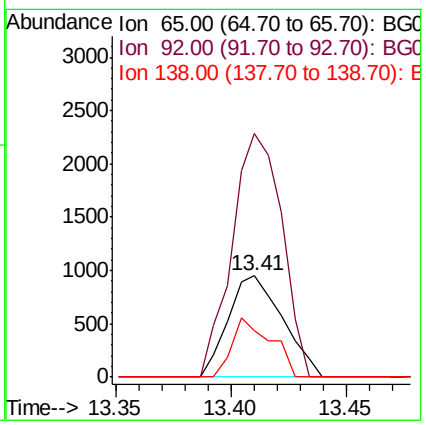


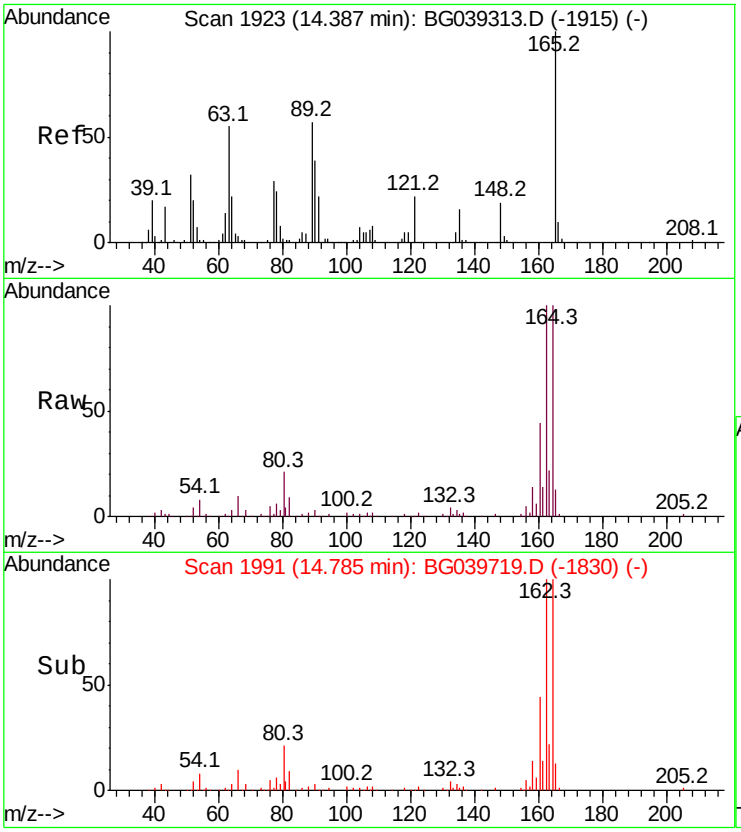


#48
2-Nitroaniline
Concen: 8.800 ng
RT: 13.41 min Scan# 1757
Delta R.T. -0.47 min
Lab File: BG039719.D
Acq: 2 Mar 2019 12:01

Tgt Ion: 65 Resp: 1551

Ion	Ratio	Lower	Upper
65	100		
92	240.4	51.4	77.2#
138	46.0	71.4	107.2#



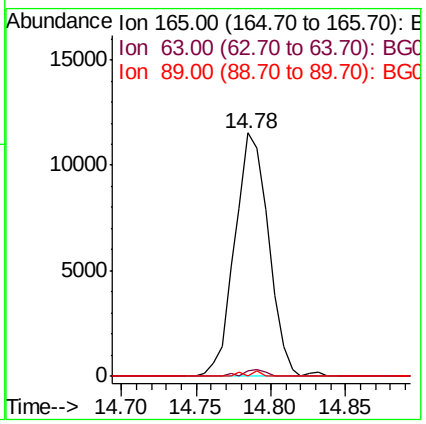


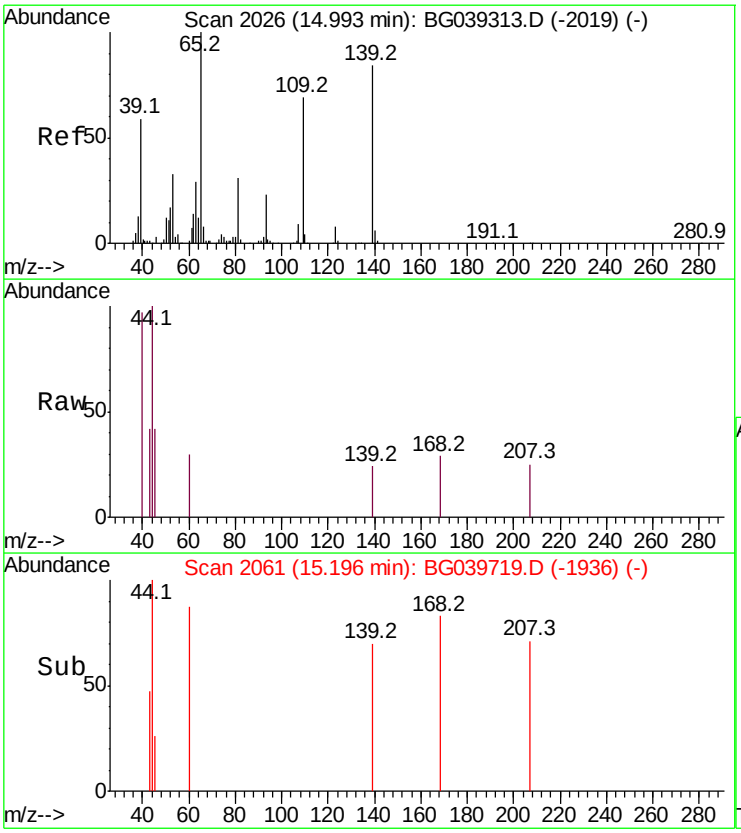
#51
2,6-Dinitrotoluene
Concen: 13.906 ng
RT: 14.78 min Scan# 1991
Delta R.T. 0.42 min
Lab File: BG039719.D
Acq: 2 Mar 2019 12:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 18197

Ion	Ratio	Lower	Upper
165	100		
63	2.1	47.0	70.6#
89	0.0	45.8	68.8#

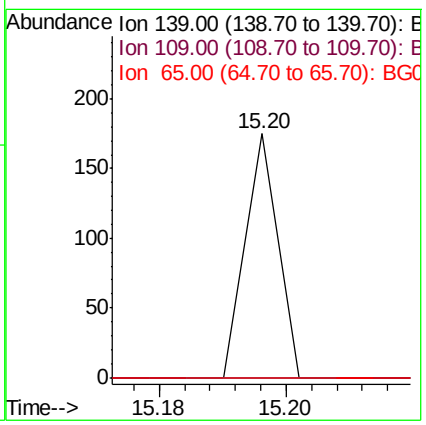


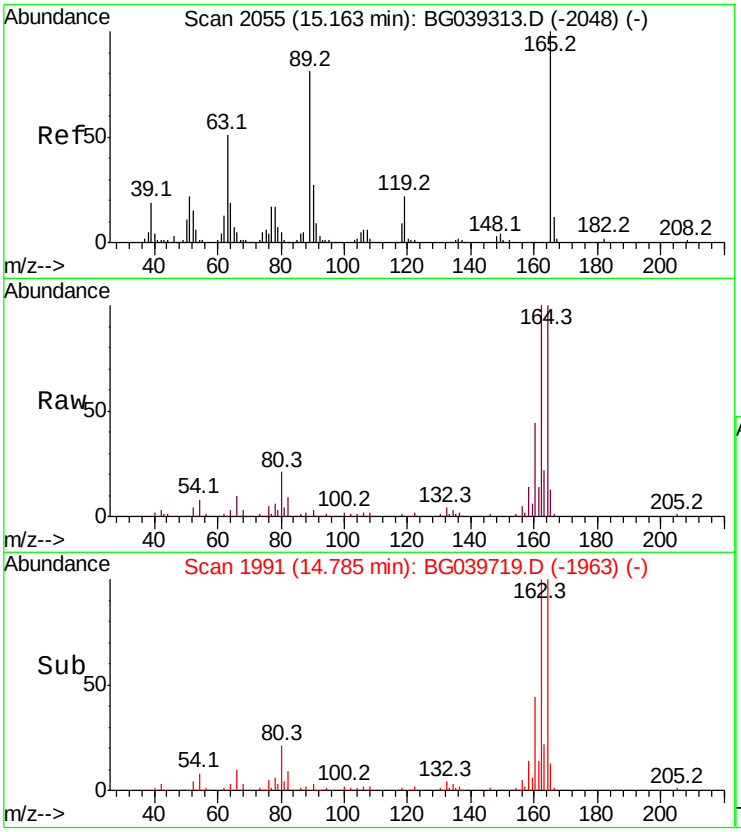


#56
4-Nitrophenol
Concen: 5.822 ng
RT: 15.20 min Scan# 2061
Delta R.T. 0.21 min
Lab File: BG039719.D
Acq: 2 Mar 2019 12:01

Tgt Ion:139 Resp: 62

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



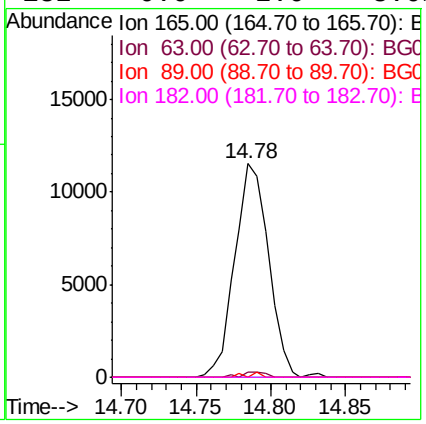


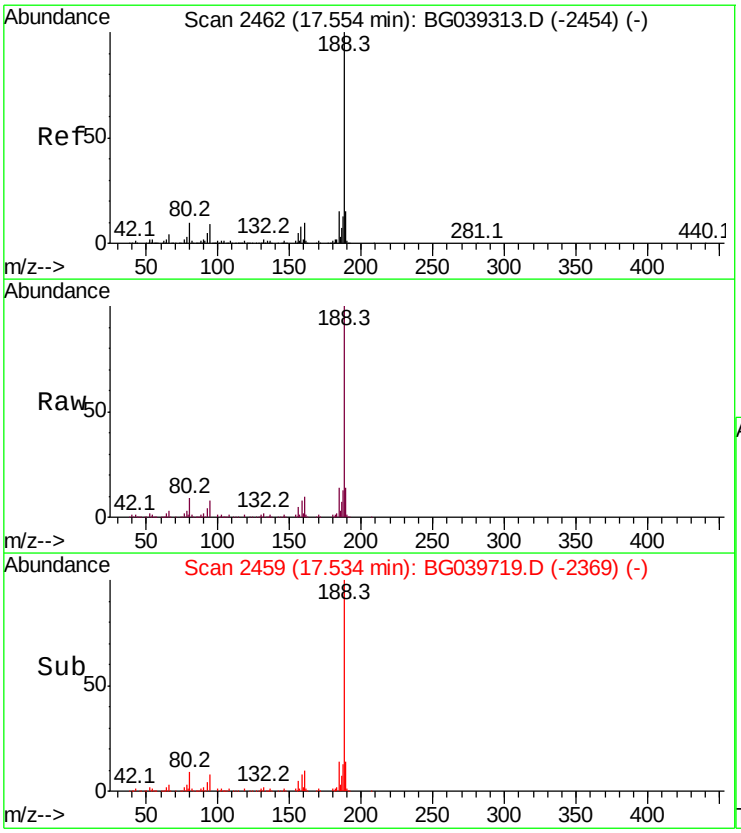
#57
2,4-Dinitrotoluene
Concen: 13.385 ng
RT: 14.78 min Scan# 1991
Delta R.T. -0.36 min
Lab File: BG039719.D
Acq: 2 Mar 2019 12:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 18197

Ion	Ratio	Lower	Upper
165	100		
63	2.1	41.0	61.6#
89	0.0	64.6	96.8#
182	0.0	2.0	3.0#

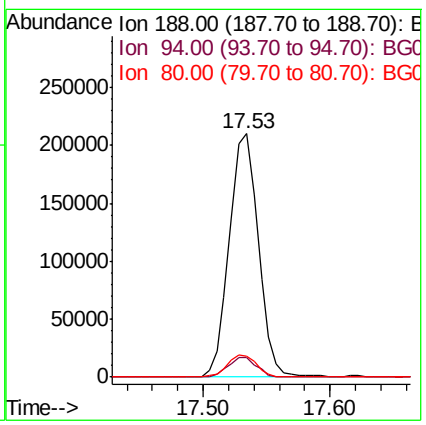


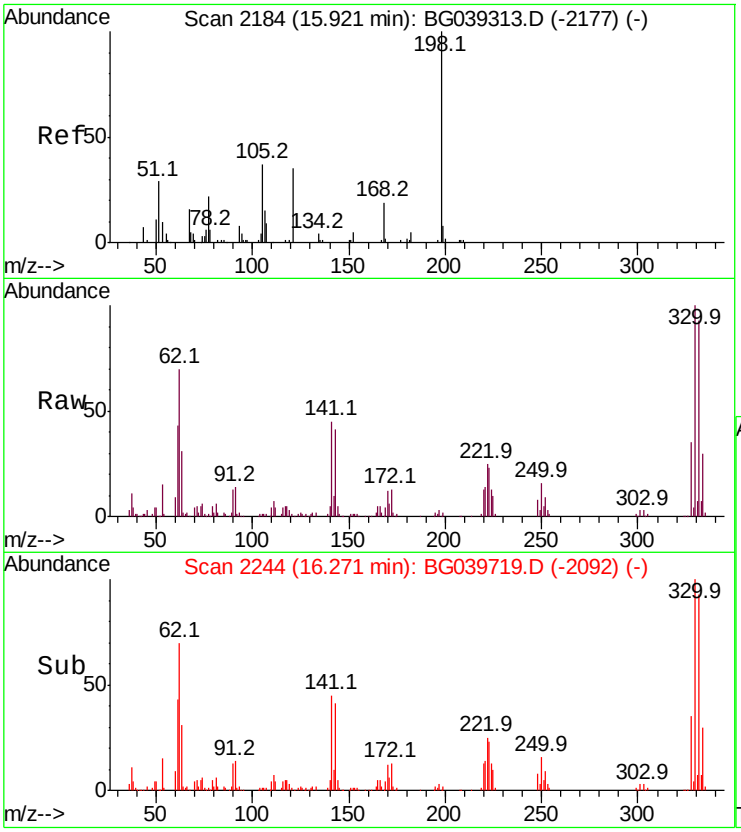


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2459
Delta R.T. 0.00 min
Lab File: BG039719.D
Acq: 2 Mar 2019 12:01

Tgt Ion:188 Resp: 333808

Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.9	10.3
80	8.7	8.1	12.1



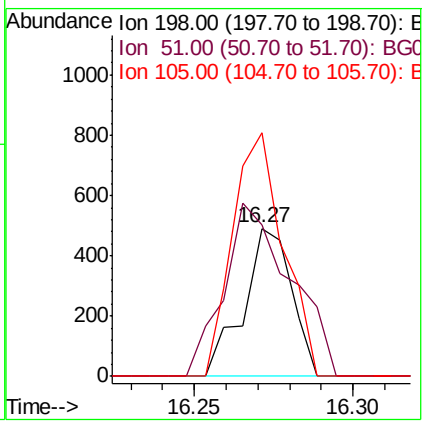


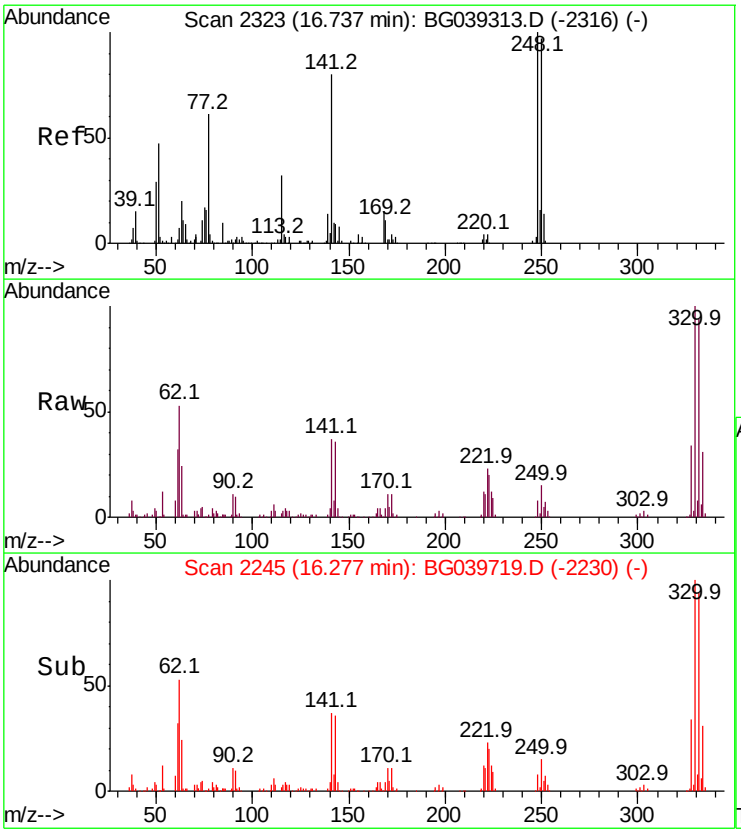
#65
4,6-Dinitro-2-methylphenol
Concen: 4.669 ng
RT: 16.27 min Scan# 2244
Delta R.T. 0.36 min
Lab File: BG039719.D
Acq: 2 Mar 2019 12:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 515

Ion	Ratio	Lower	Upper
198	100		
51	102.2	27.4	67.4#
105	164.9	19.7	59.7#

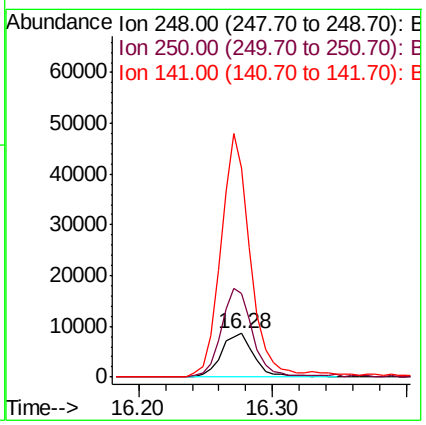


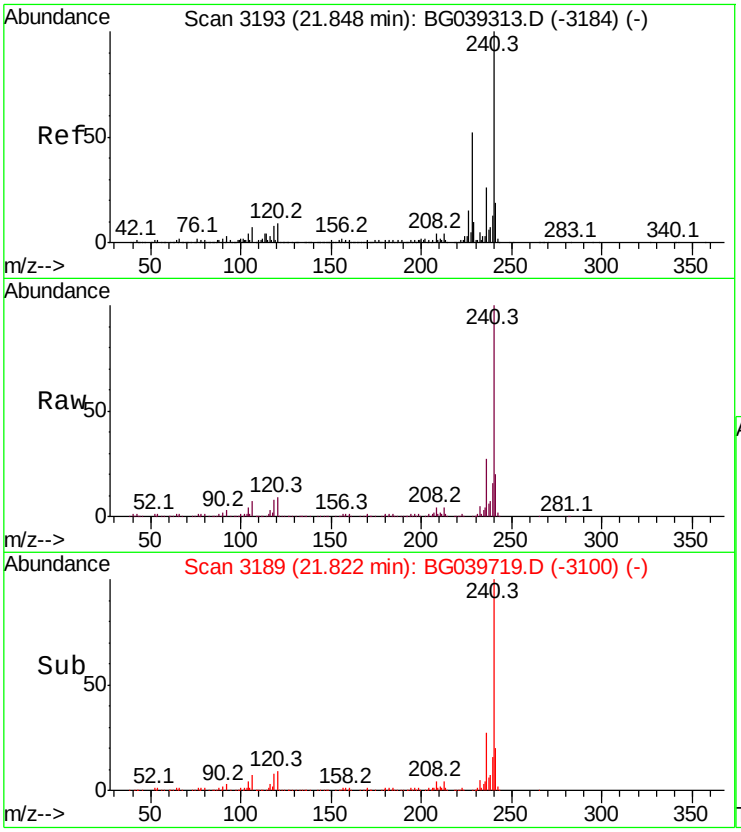


#67
4-Bromophenyl-phenylether
Concen: 3.958 ng
RT: 16.28 min Scan# 2245
Delta R.T. -0.44 min
Lab File: BG039719.D
Acq: 2 Mar 2019 12:01

Tgt Ion:248 Resp: 14659

Ion	Ratio	Lower	Upper
248	100		
250	192.4	77.6	116.4#
141	482.2	63.9	95.9#



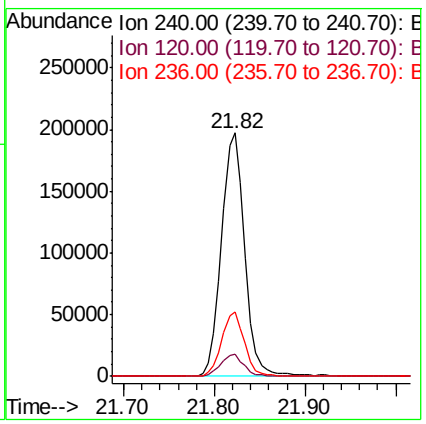


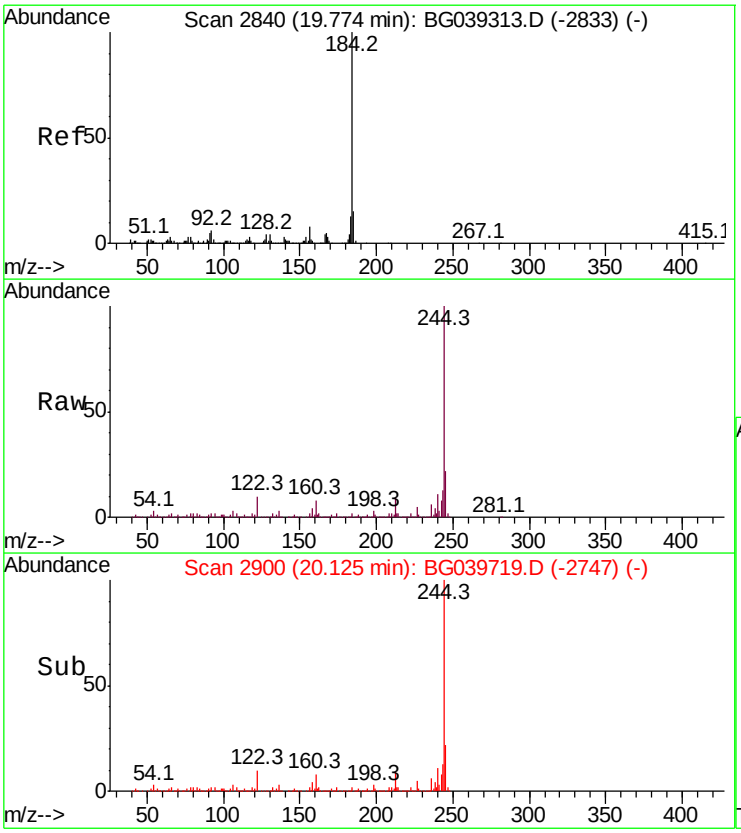
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.82 min Scan# 3189
Delta R.T. -0.01 min
Lab File: BG039719.D
Acq: 2 Mar 2019 12:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 350523

Ion	Ratio	Lower	Upper
240	100		
120	9.0	7.0	10.6
236	26.5	21.0	31.4

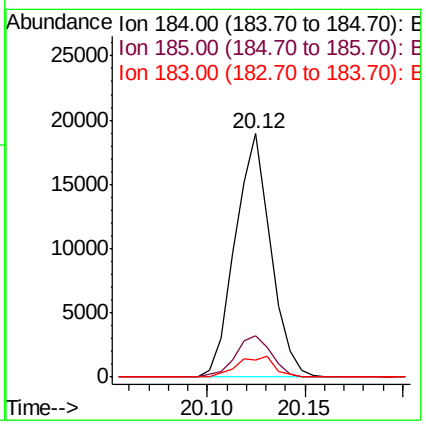


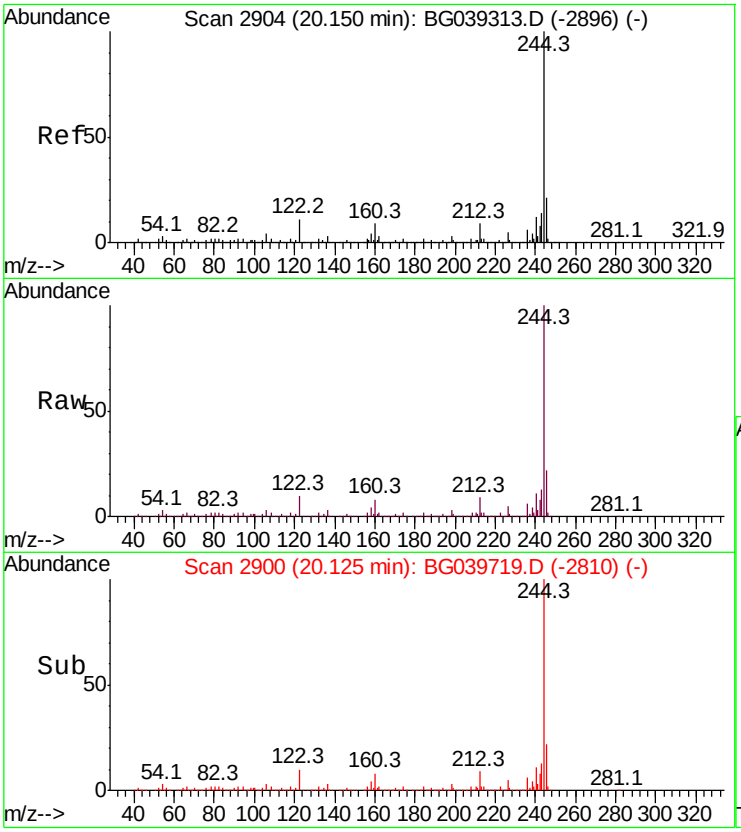


#77
Benzidine
Concen: 2.081 ng
RT: 20.12 min Scan# 2900
Delta R.T. 0.37 min
Lab File: BG039719.D
Acq: 2 Mar 2019 12:01

Tgt Ion:184 Resp: 23919

Ion	Ratio	Lower	Upper
184	100		
185	17.2	12.2	18.2
183	7.0	10.6	15.8#



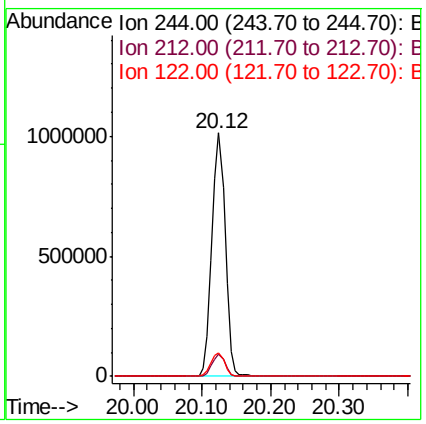


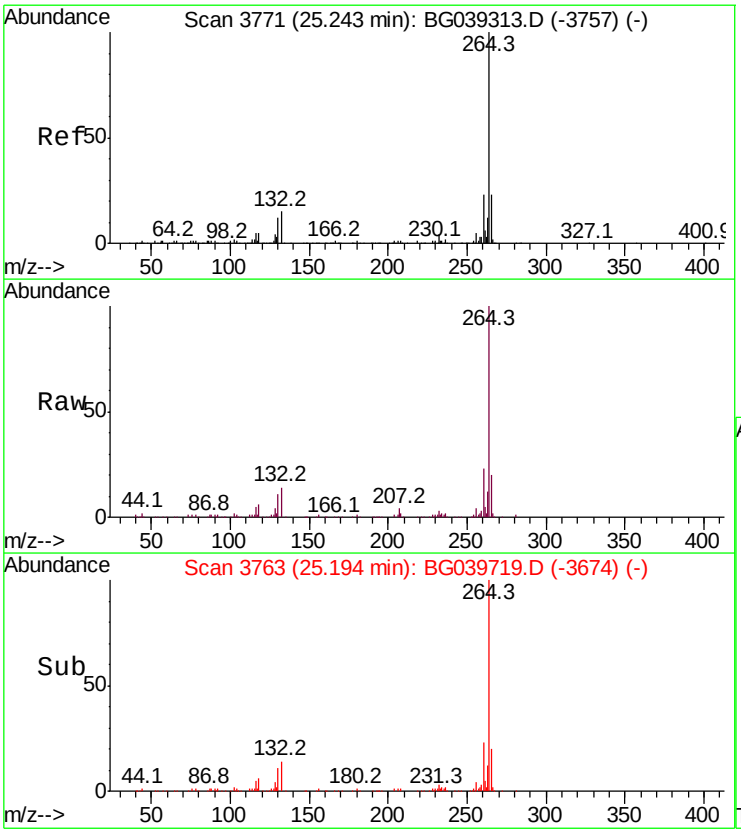
#79
Terphenyl-d14
Concen: 82.382 ng
RT: 20.12 min Scan# 2900
Delta R.T. 0.00 min
Lab File: BG039719.D
Acq: 2 Mar 2019 12:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1364237

Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.3	10.9
122	9.8	8.4	12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.19 min Scan# 3763
Delta R.T. -0.01 min
Lab File: BG039719.D
Acq: 2 Mar 2019 12:01

Tgt Ion:264 Resp: 325395

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.4
265	19.8	18.5	27.7