Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030119\
Data File : BG039709.D
Acq On : 2 Mar 2019 5:30
Operator : JU/SJ
Sample : K1675-18
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Mar 03 23:47:32 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	8.17	152	59774	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	254157	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	170866	20.00	ng	0.00
64) Phenanthrene-d10	17.54	188	423566	20.00	ng	0.00
76) Chrysene-d12	21.82	240	441067	20.00	ng	-0.01
87) Perylene-d12	25.20	264	419054	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	448663	128.47	ng	0.00
7) Phenol-d6	7.31	99	571988	111.26	ng	0.00
23) Nitrobenzene-d5	9.35	82	442590	108.79	ng	0.00
42) 2,4,6-Tribromophenol	16.28	330	272831	148.28	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	1054657	88.55	ng	0.00
79) Terphenyl-d14	20.13	244	1680823	80.66	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.31	77	1106	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	9.34	70	57598	15.786	ng	# 65
32) Benzoic acid	10.40	122	57	9.040	ng	96
48) 2-Nitroaniline	13.41	65	2028	8.842	ng	# 1
51) 2,6-Dinitrotoluene	14.79	165	21086	13.618	ng	# 26
57) 2,4-Dinitrotoluene	14.79	165	21086	13.167	ng	# 21
62) 4-Nitroaniline	16.27	138	56	4.220	ng	# 1
65) 4,6-Dinitro-2-methylphenol	16.27	198	1028	4.953	ng	# 1
67) 4-Bromophenyl-phenylether	16.28	248	20979	4.465	ng	# 1
77) Benzidine	20.13	184	31189	2.157	ng	# 95

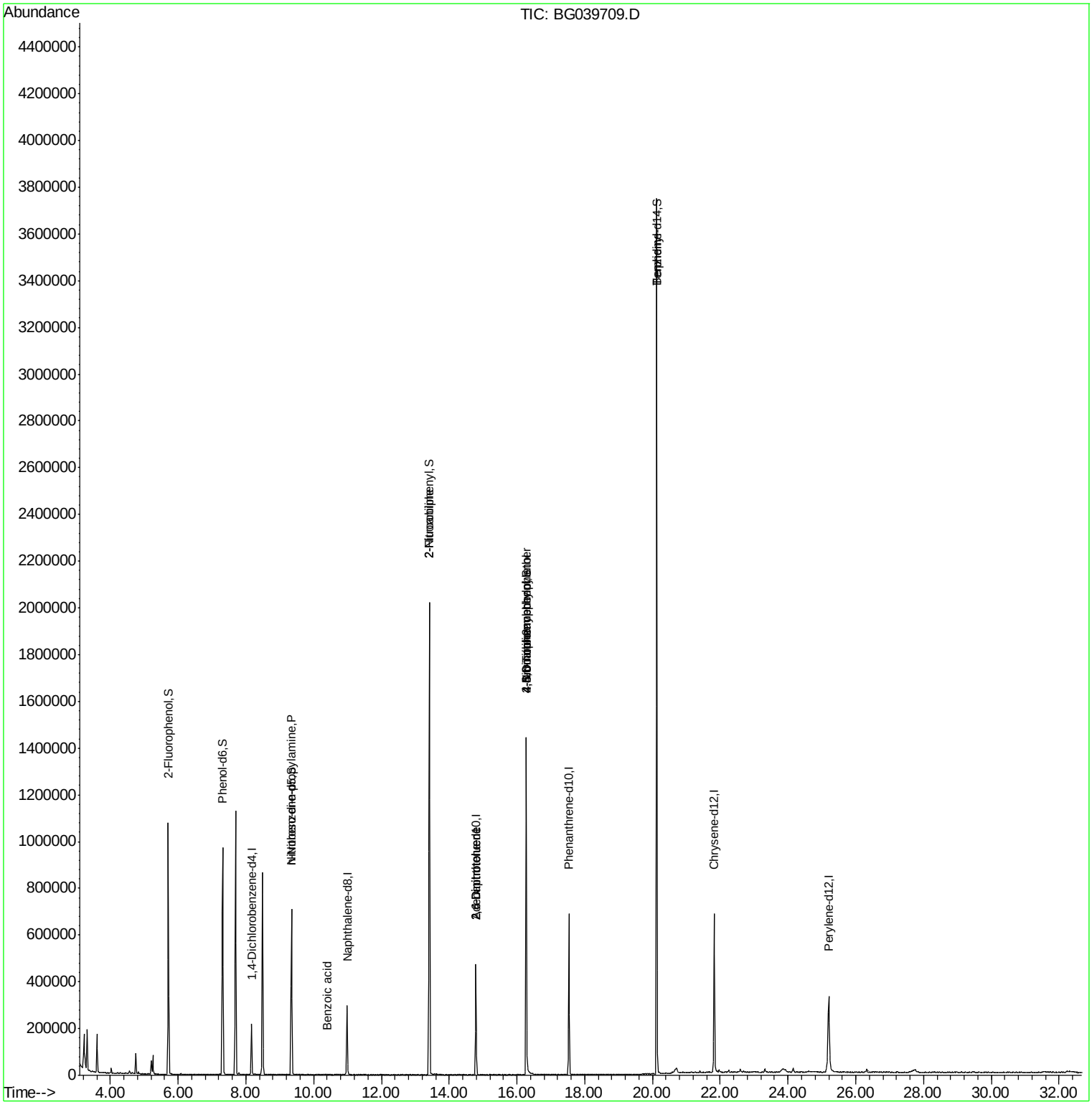
(#) = qualifier out of range (m) = manual integration (+) = signals summed

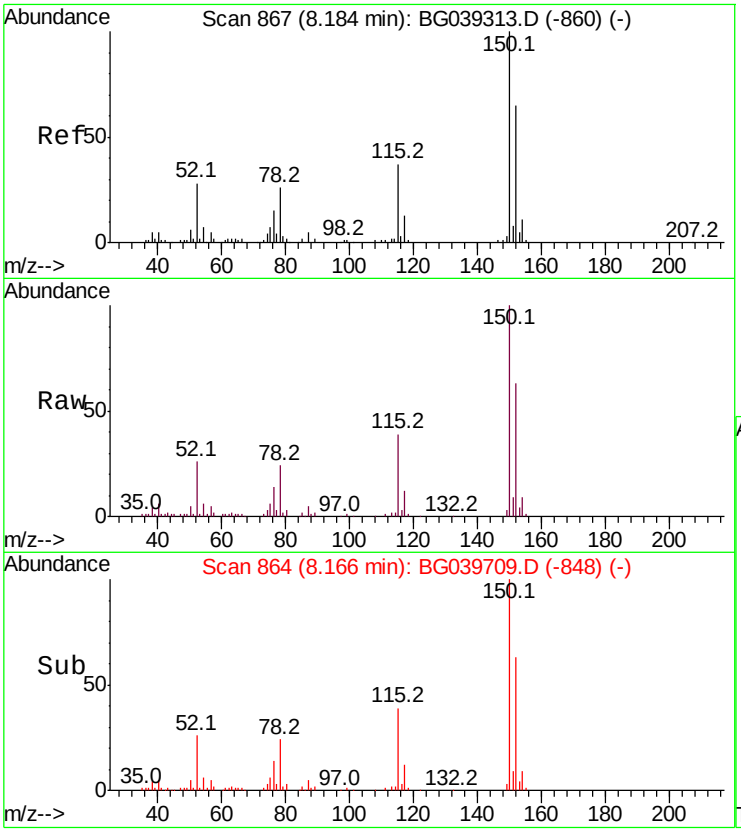
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030119\
Data File : BG039709.D
Acq On : 2 Mar 2019 5:30
Operator : JU/SJ
Sample : K1675-18
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Mar 03 23:47:32 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



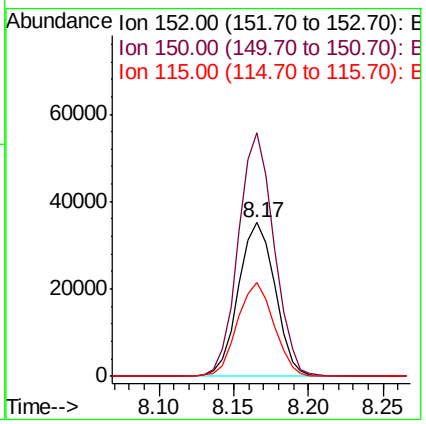


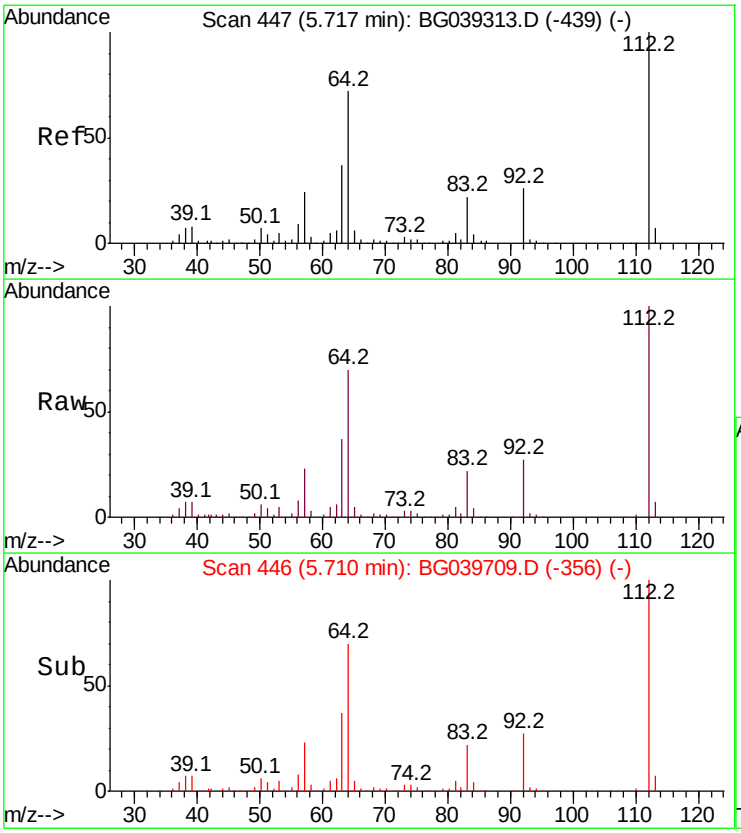
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: BG039709.D
Acq: 2 Mar 2019 5:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 59774

Ion	Ratio	Lower	Upper
152	100		
150	158.4	123.7	185.5
115	61.4	45.9	68.9

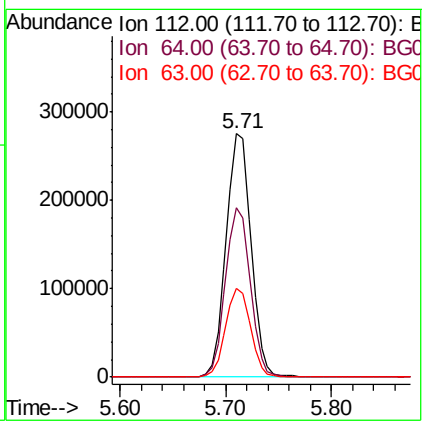


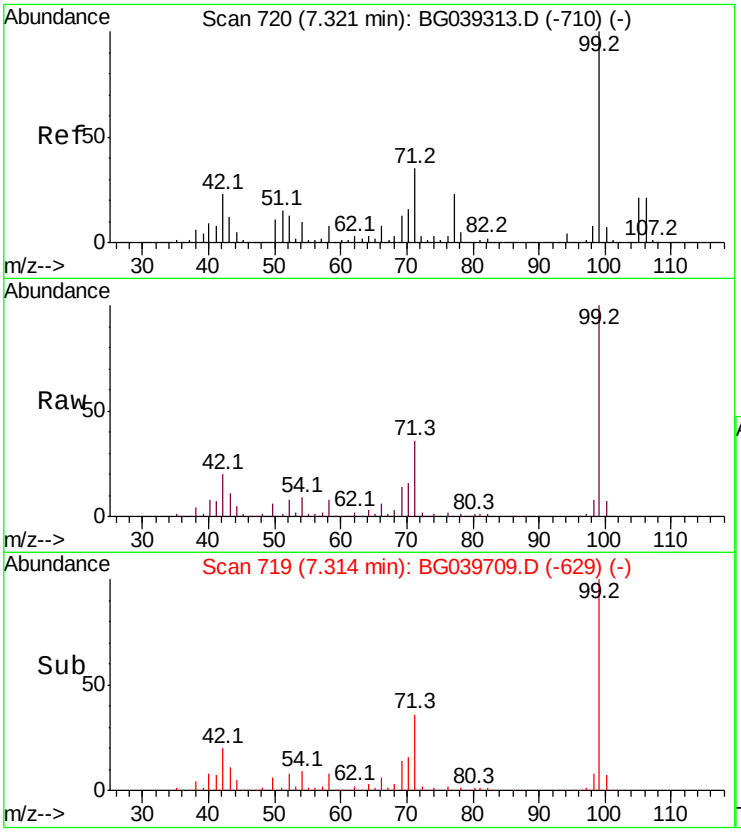


#5
2-Fluorophenol
Concen: 128.466 ng
RT: 5.71 min Scan# 446
Delta R.T. 0.00 min
Lab File: BG039709.D
Acq: 2 Mar 2019 5:30

Tgt Ion:112 Resp: 448663

Ion	Ratio	Lower	Upper
112	100		
64	69.6	57.8	86.8
63	36.6	29.8	44.6



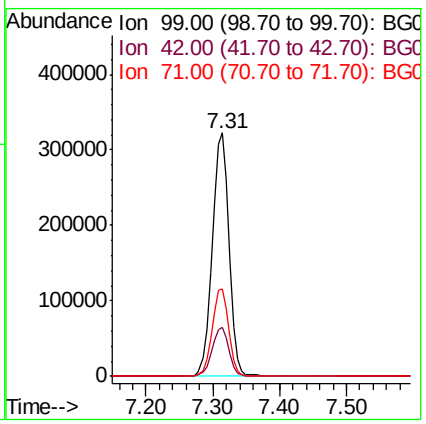


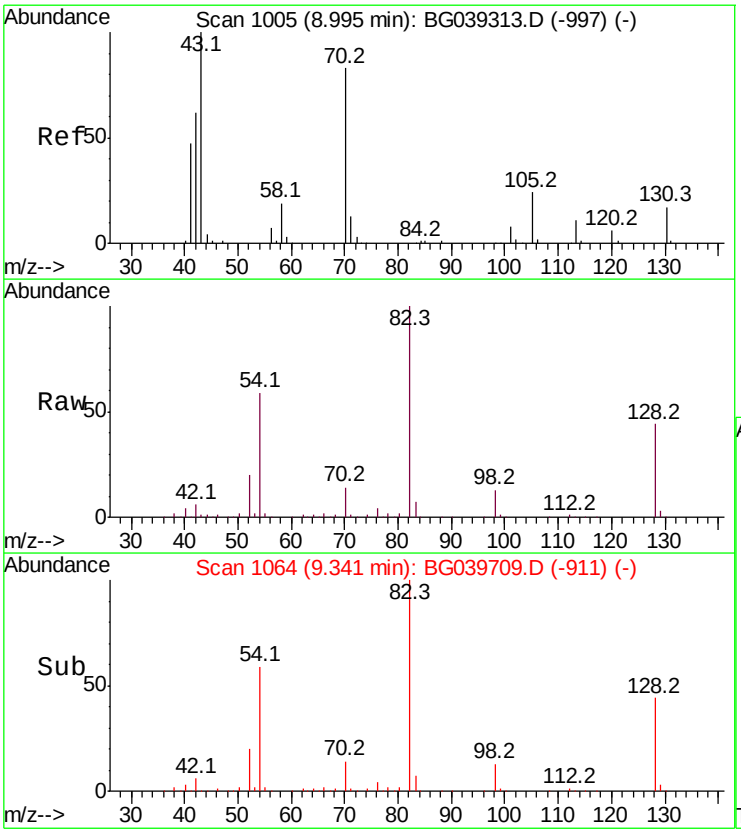
#7
Phenol-d6
Concen: 111.264 ng
RT: 7.31 min Scan# 719
Delta R.T. 0.00 min
Lab File: BG039709.D
Acq: 2 Mar 2019 5:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 571988

Ion	Ratio	Lower	Upper
99	100		
42	20.0	18.2	27.2
71	36.1	28.0	42.0

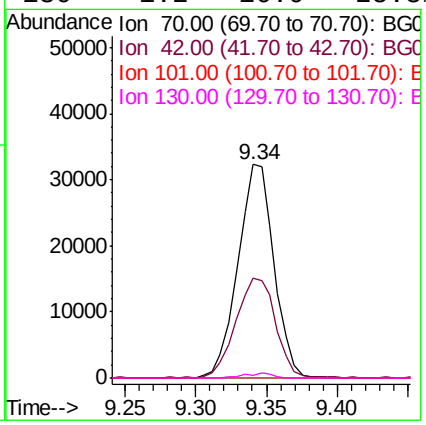


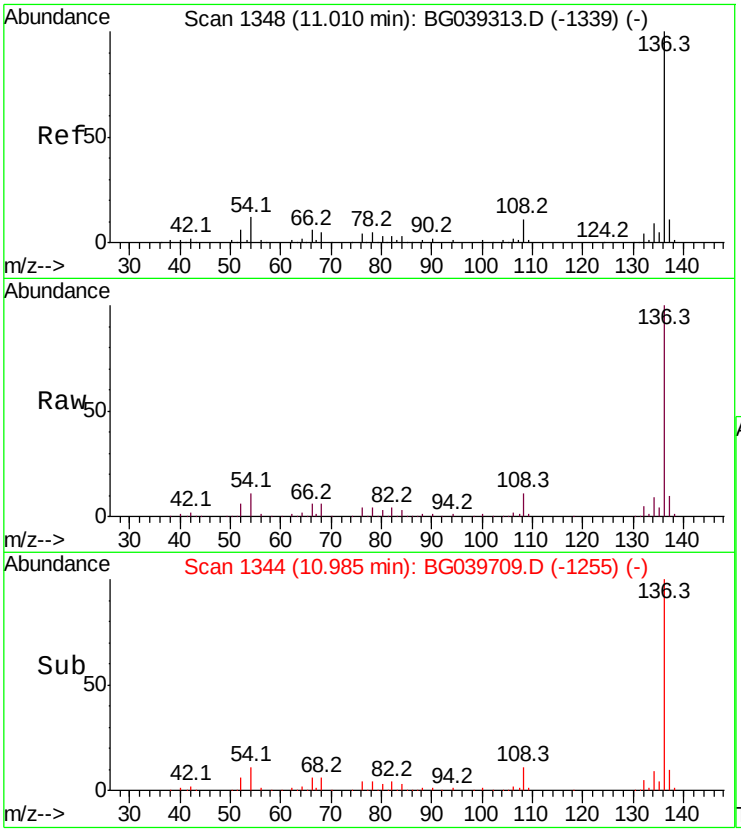


#19
n-Nitroso-di-n-propylamine
Concen: 15.786 ng
RT: 9.34 min Scan# 1064
Delta R.T. 0.37 min
Lab File: BG039709.D
Acq: 2 Mar 2019 5:30

Tgt Ion: 70 Resp: 57598

Ion	Ratio	Lower	Upper
70	100		
42	46.6	60.4	90.6#
101	0.0	7.5	11.3#
130	1.2	16.9	25.3#



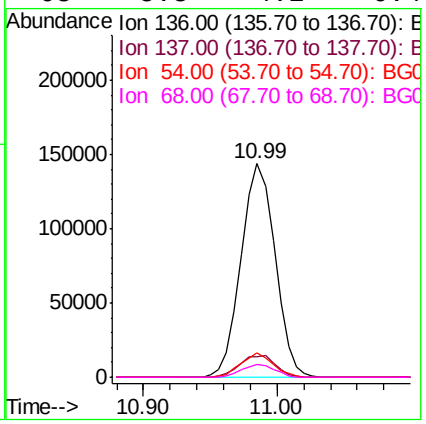


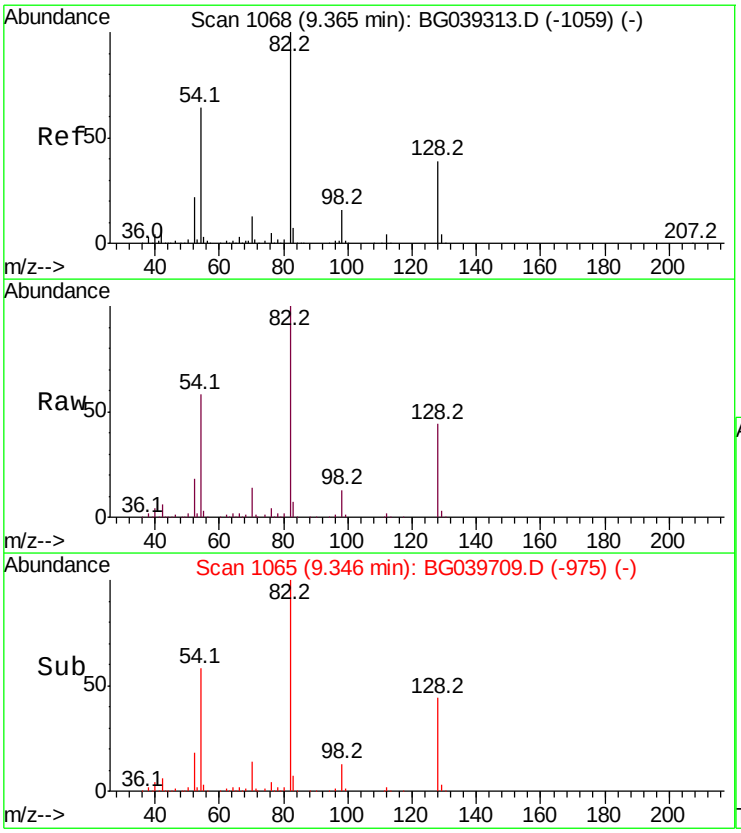
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BG039709.D
Acq: 2 Mar 2019 5:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 254157

Ion	Ratio	Lower	Upper
136	100		
137	9.9	9.1	13.7
54	11.1	9.4	14.2
68	5.8	4.2	6.4

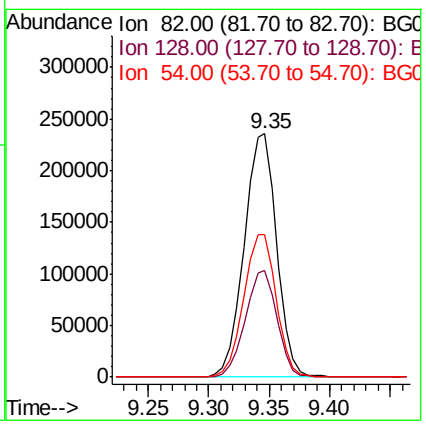


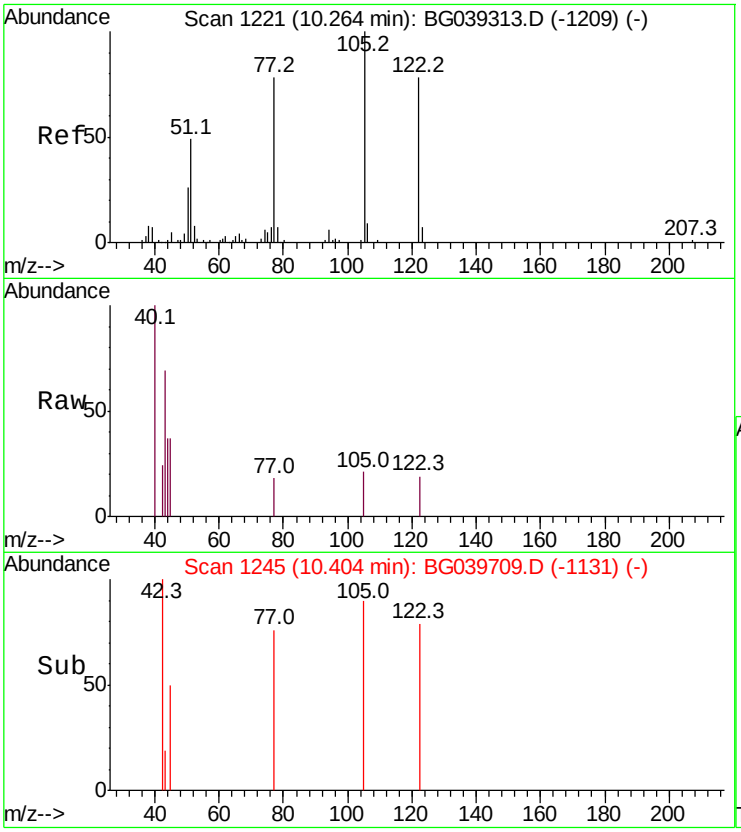


#23
Nitrobenzene-d5
Concen: 108.788 ng
RT: 9.35 min Scan# 1065
Delta R.T. 0.00 min
Lab File: BG039709.D
Acq: 2 Mar 2019 5:30

Tgt Ion: 82 Resp: 442590

Ion	Ratio	Lower	Upper
82	100		
128	43.7	31.3	46.9
54	58.5	50.9	76.3



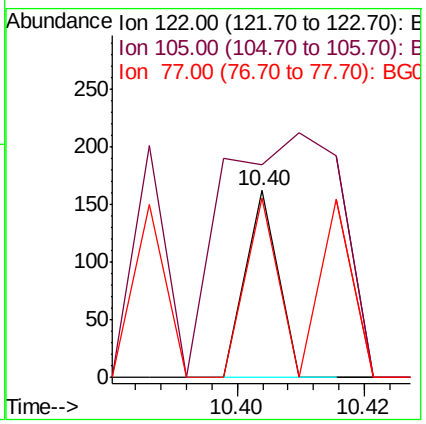


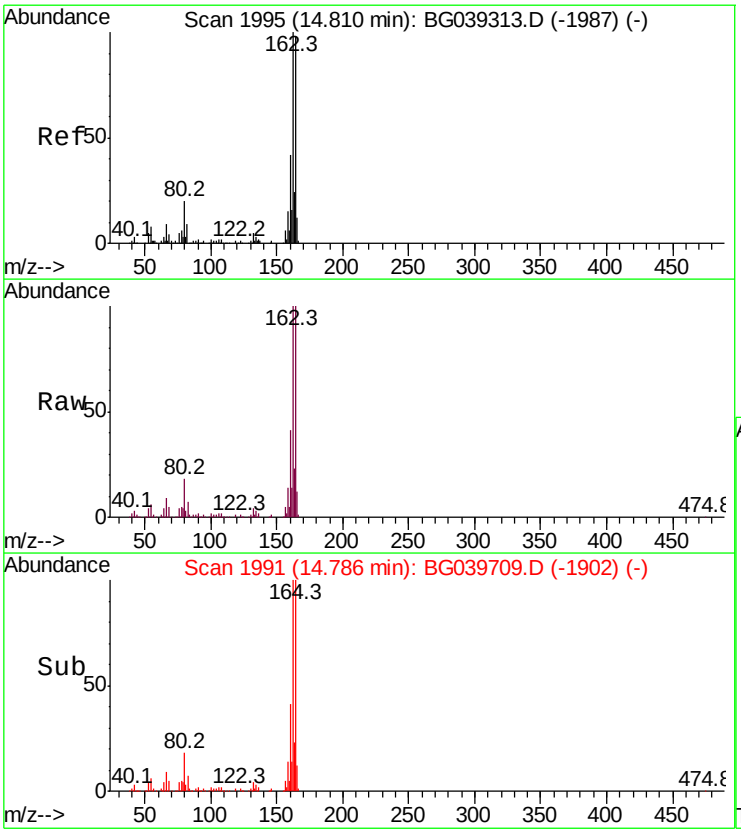
#32
Benzoic acid
Concen: 9.040 ng
RT: 10.40 min Scan# 1245
Delta R.T. 0.14 min
Lab File: BG039709.D
Acq: 2 Mar 2019 5:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 57

Ion	Ratio	Lower	Upper
122	100		
105	114.2	101.8	141.8
77	96.3	76.3	116.3

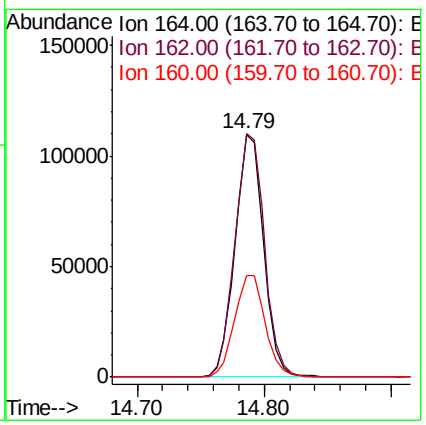


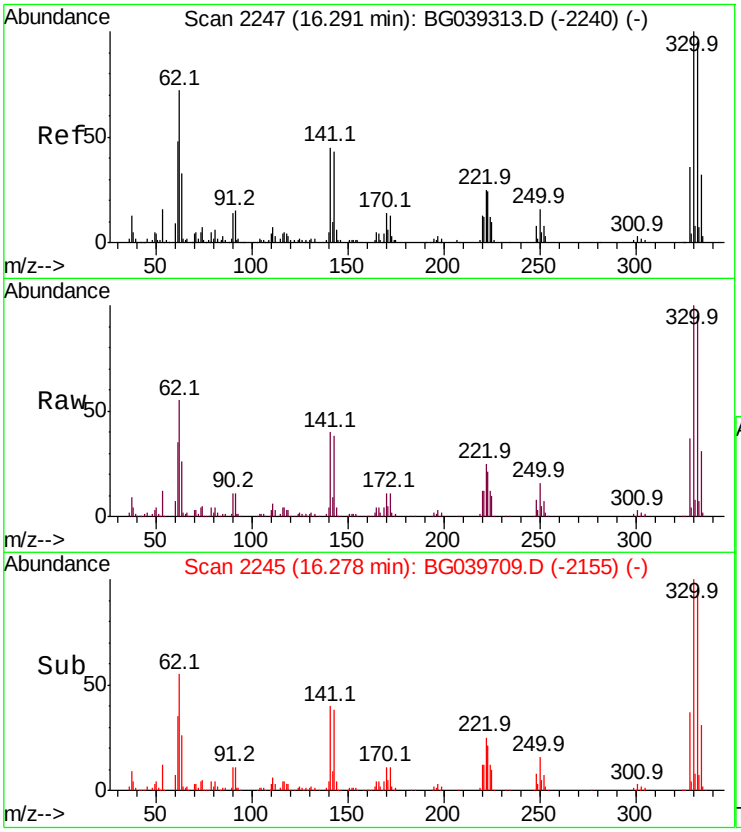


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1991
Delta R.T. -0.00 min
Lab File: BG039709.D
Acq: 2 Mar 2019 5:30

Tgt Ion:164 Resp: 170866

Ion	Ratio	Lower	Upper
164	100		
162	100.3	81.6	122.4
160	41.6	34.2	51.2



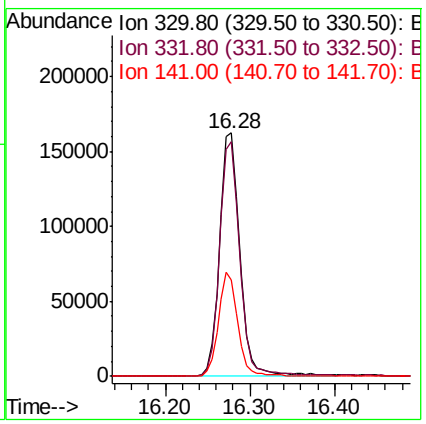


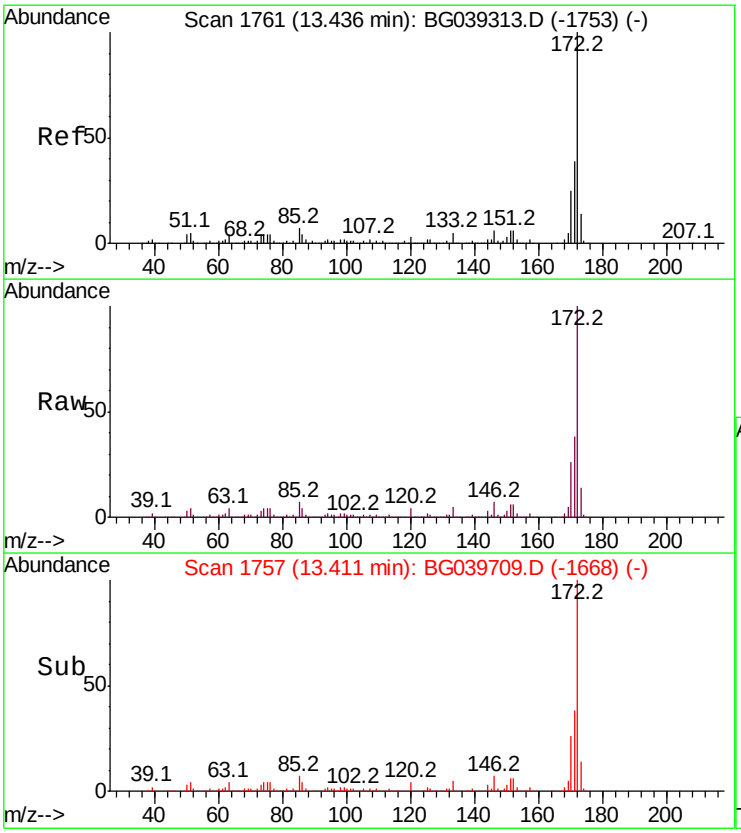
#42
2,4,6-Tribromophenol
Concen: 148.283 ng
RT: 16.28 min Scan# 2245
Delta R.T. 0.00 min
Lab File: BG039709.D
Acq: 2 Mar 2019 5:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 272831

Ion	Ratio	Lower	Upper
330	100		
332	95.3	75.7	113.5
141	40.4	35.6	53.4

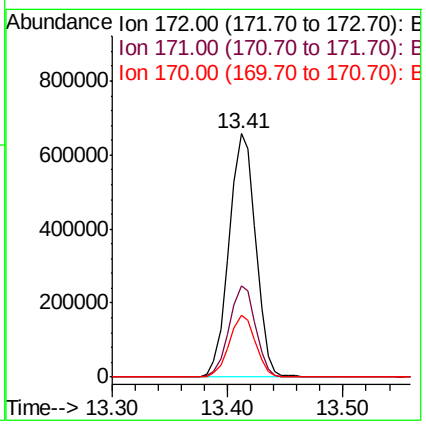


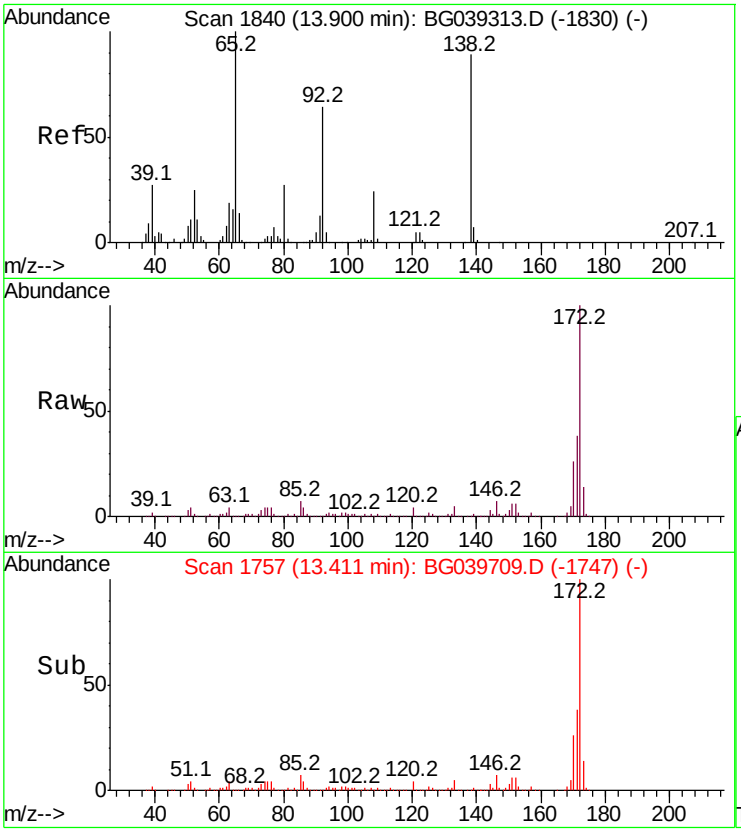


#45
2-Fluorobiphenyl
Concen: 88.546 ng
RT: 13.41 min Scan# 1757
Delta R.T. -0.00 min
Lab File: BG039709.D
Acq: 2 Mar 2019 5:30

Tgt Ion:172 Resp: 1054657

Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.8	46.2
170	25.5	20.2	30.4



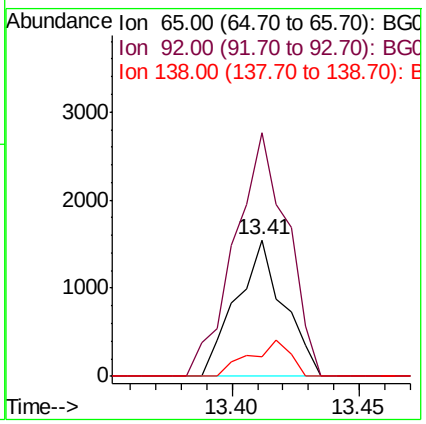


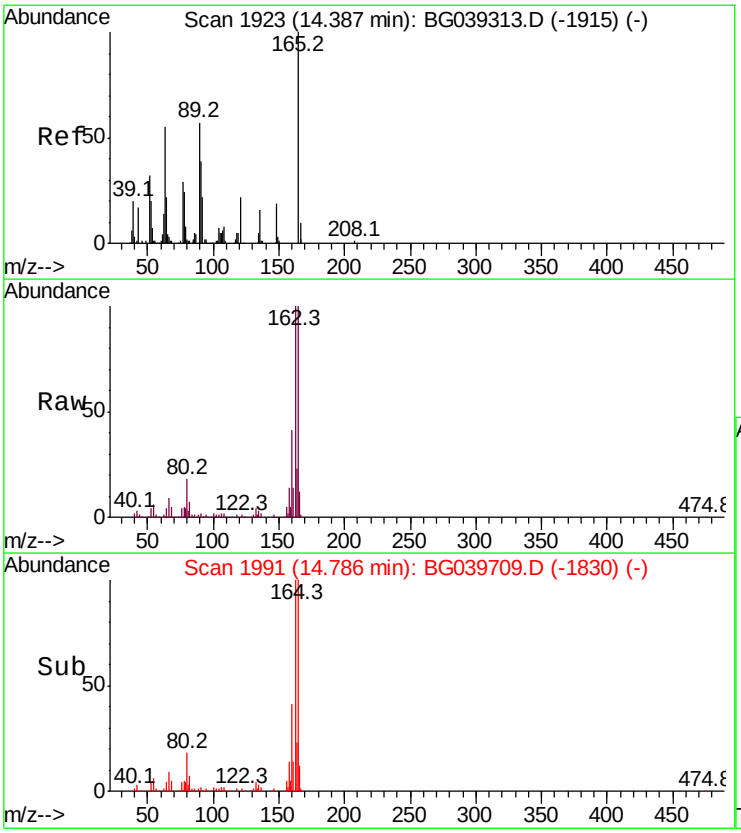
#48
2-Nitroaniline
Concen: 8.842 ng
RT: 13.41 min Scan# 1757
Delta R.T. -0.47 min
Lab File: BG039709.D
Acq: 2 Mar 2019 5:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 65 Resp: 2028

Ion	Ratio	Lower	Upper
65	100		
92	179.0	51.4	77.2#
138	14.3	71.4	107.2#

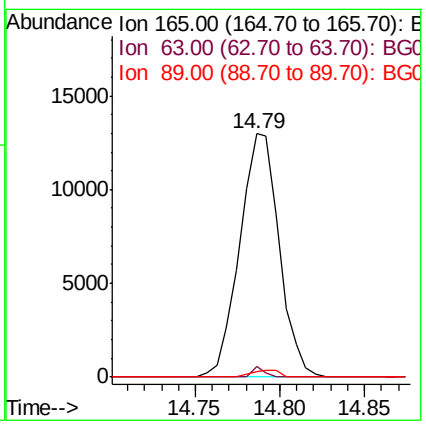


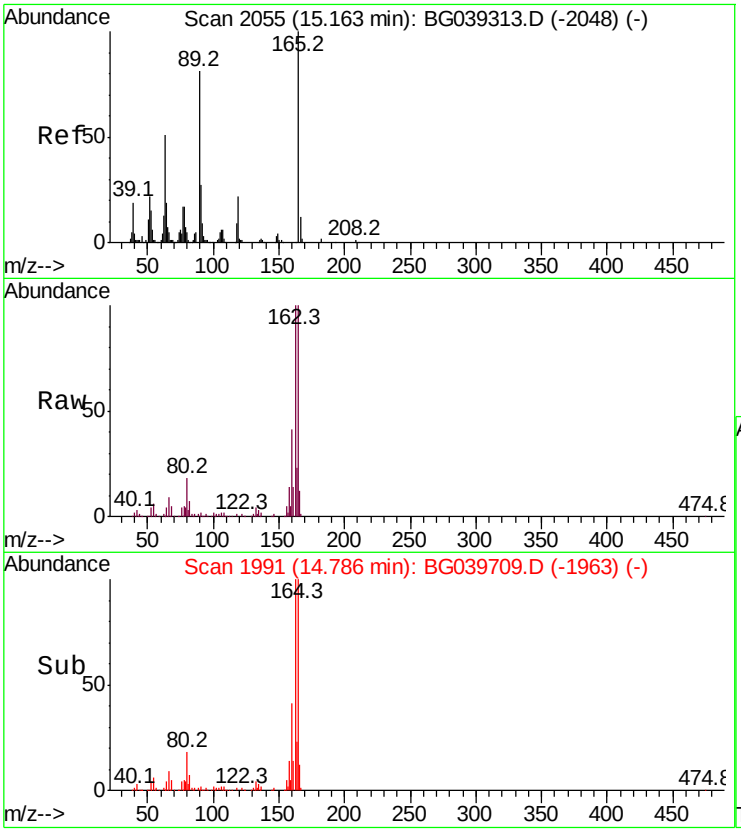


#51
2,6-Dinitrotoluene
Concen: 13.618 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.42 min
Lab File: BG039709.D
Acq: 2 Mar 2019 5:30

Tgt Ion:165 Resp: 21086

Ion	Ratio	Lower	Upper
165	100		
63	4.5	47.0	70.6#
89	2.2	45.8	68.8#



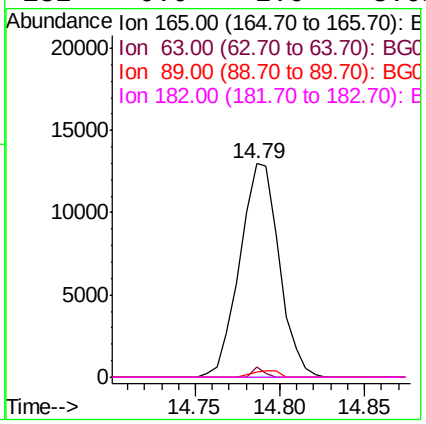


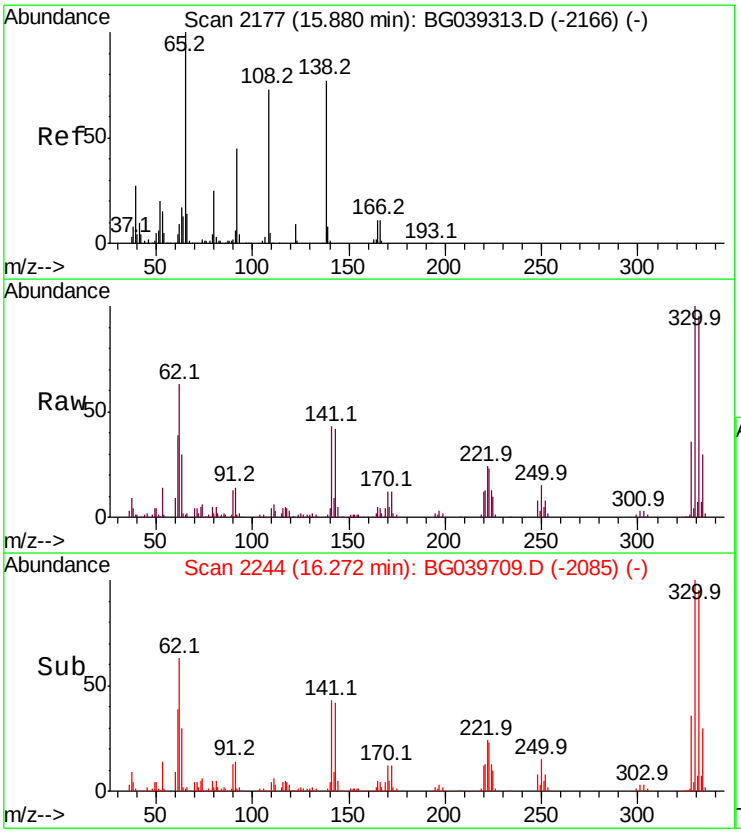
#57
2,4-Dinitrotoluene
Concen: 13.167 ng
RT: 14.79 min Scan# 1991
Delta R.T. -0.36 min
Lab File: BG039709.D
Acq: 2 Mar 2019 5:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 21086

Ion	Ratio	Lower	Upper
165	100		
63	4.5	41.0	61.6#
89	2.2	64.6	96.8#
182	0.0	2.0	3.0#

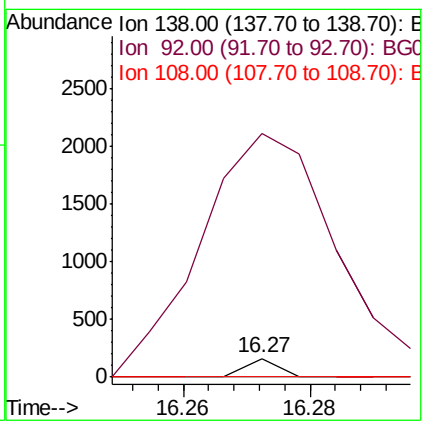


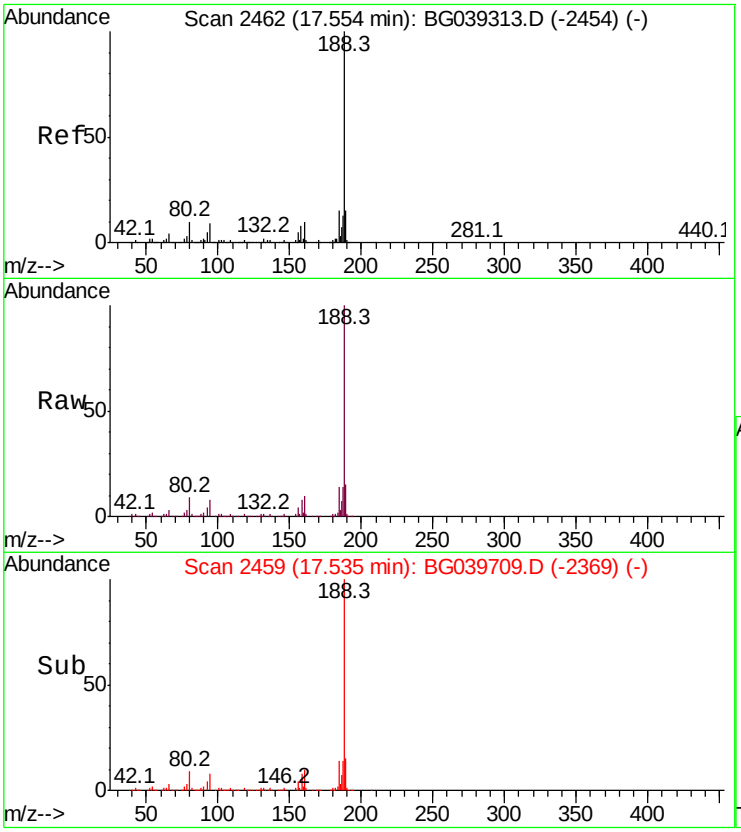


#62
4-Nitroaniline
Concen: 4.220 ng
RT: 16.27 min Scan# 2244
Delta R.T. 0.41 min
Lab File: BG039709.D
Acq: 2 Mar 2019 5:30

Tgt Ion:138 Resp: 56

Ion	Ratio	Lower	Upper
138	100		
92	1316.9	38.7	78.7#
108	0.0	74.6	114.6#



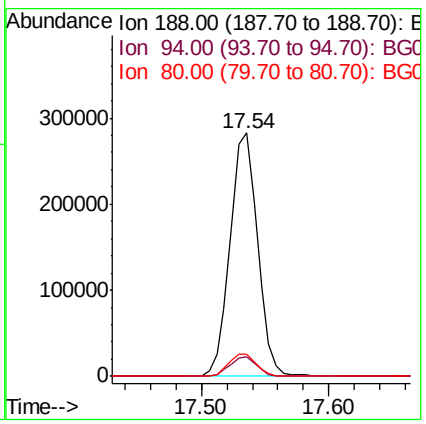


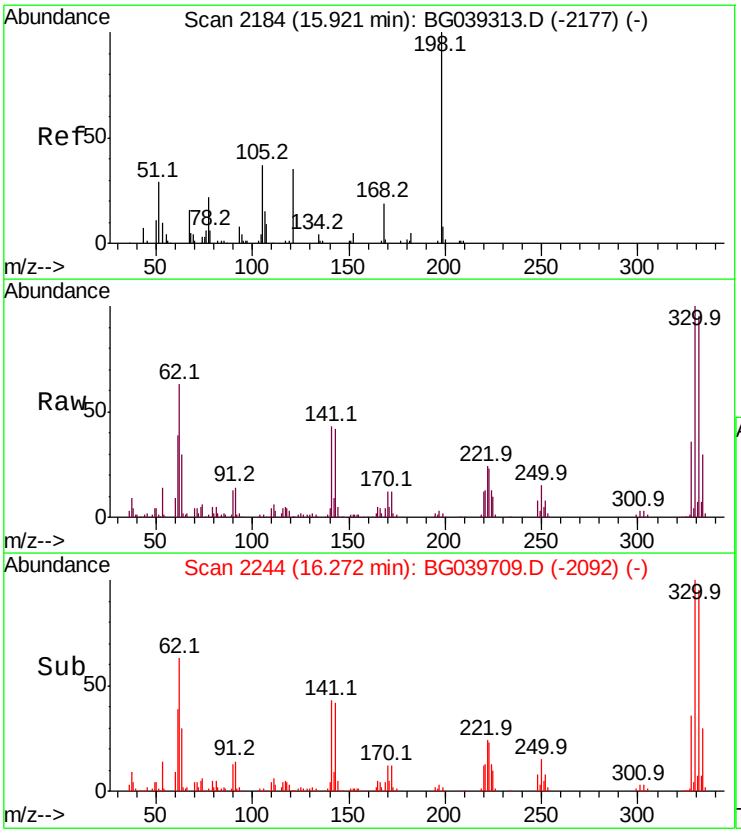
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.54 min Scan# 2459
Delta R.T. 0.00 min
Lab File: BG039709.D
Acq: 2 Mar 2019 5:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 423566

Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.9	10.3
80	9.1	8.1	12.1

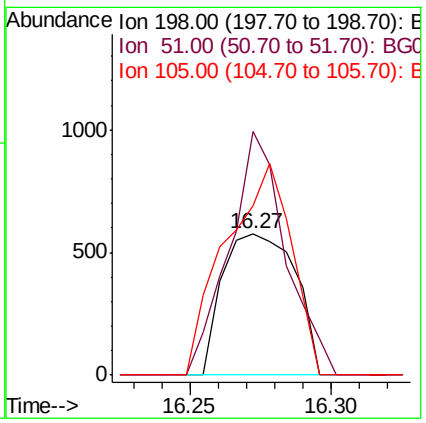


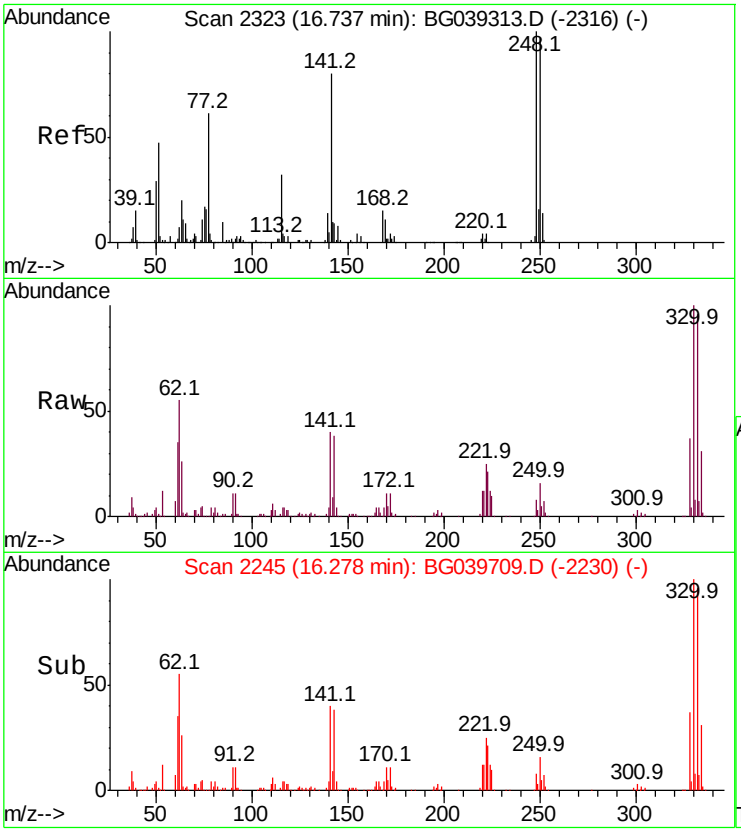


#65
4,6-Dinitro-2-methylphenol
Concen: 4.953 ng
RT: 16.27 min Scan# 2244
Delta R.T. 0.37 min
Lab File: BG039709.D
Acq: 2 Mar 2019 5:30

Tgt Ion:198 Resp: 1028

Ion	Ratio	Lower	Upper
198	100		
51	171.8	27.4	67.4#
105	119.4	19.7	59.7#



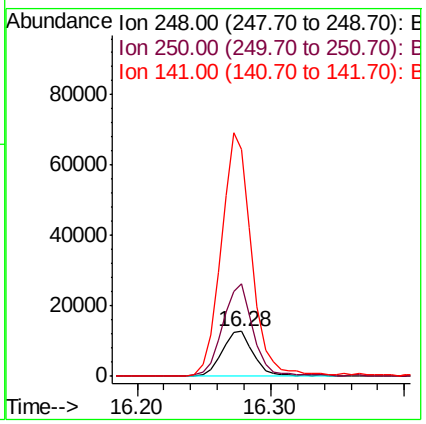


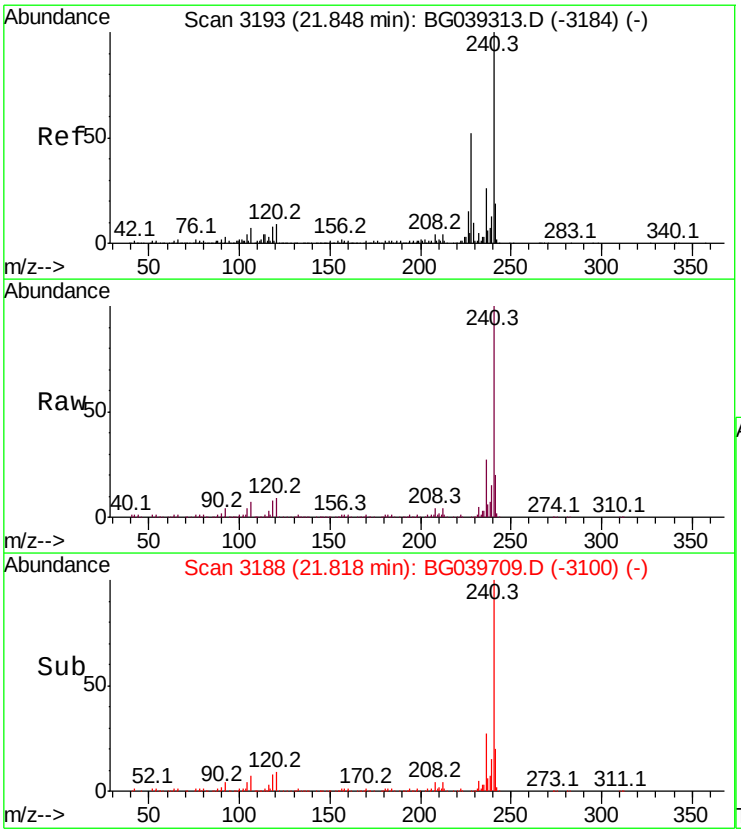
#67
4-Bromophenyl-phenylether
Concen: 4.465 ng
RT: 16.28 min Scan# 2245
Delta R.T. -0.44 min
Lab File: BG039709.D
Acq: 2 Mar 2019 5:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 20979

Ion	Ratio	Lower	Upper
248	100		
250	204.4	77.6	116.4#
141	503.9	63.9	95.9#

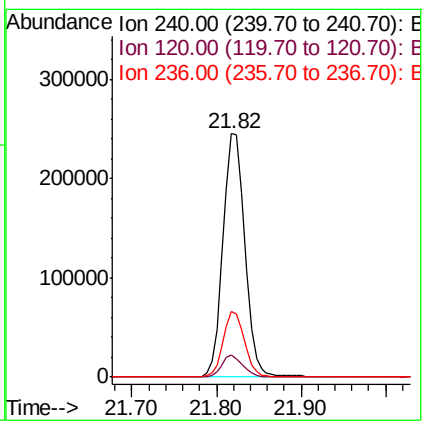


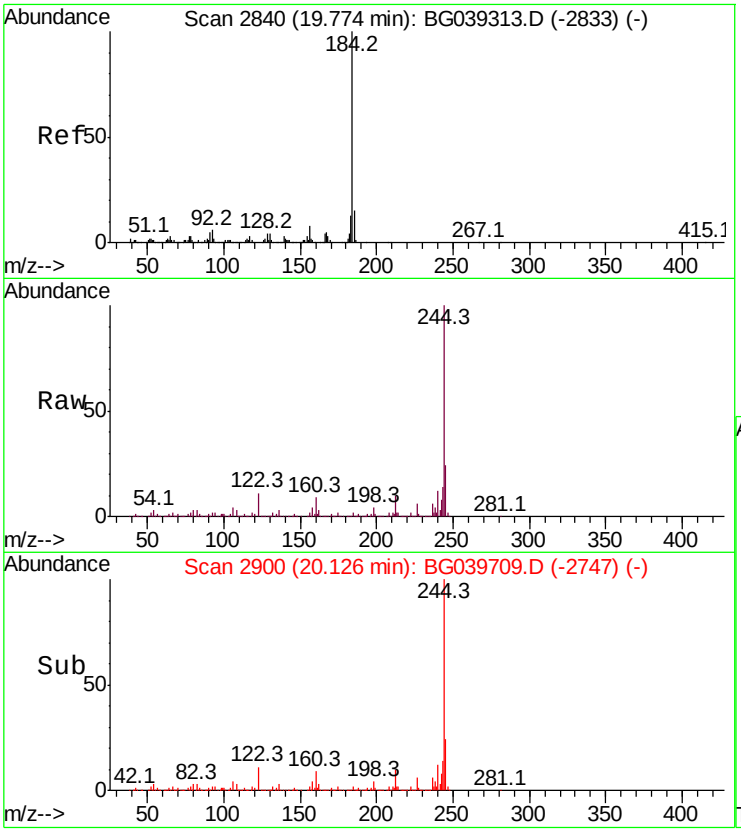


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.82 min Scan# 3188
Delta R.T. -0.01 min
Lab File: BG039709.D
Acq: 2 Mar 2019 5:30

Tgt Ion:240 Resp: 441067

Ion	Ratio	Lower	Upper
240	100		
120	9.0	7.0	10.6
236	27.1	21.0	31.4



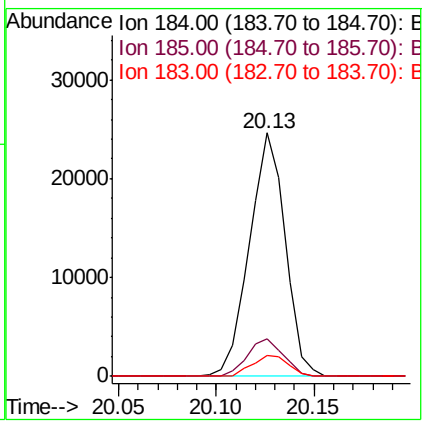


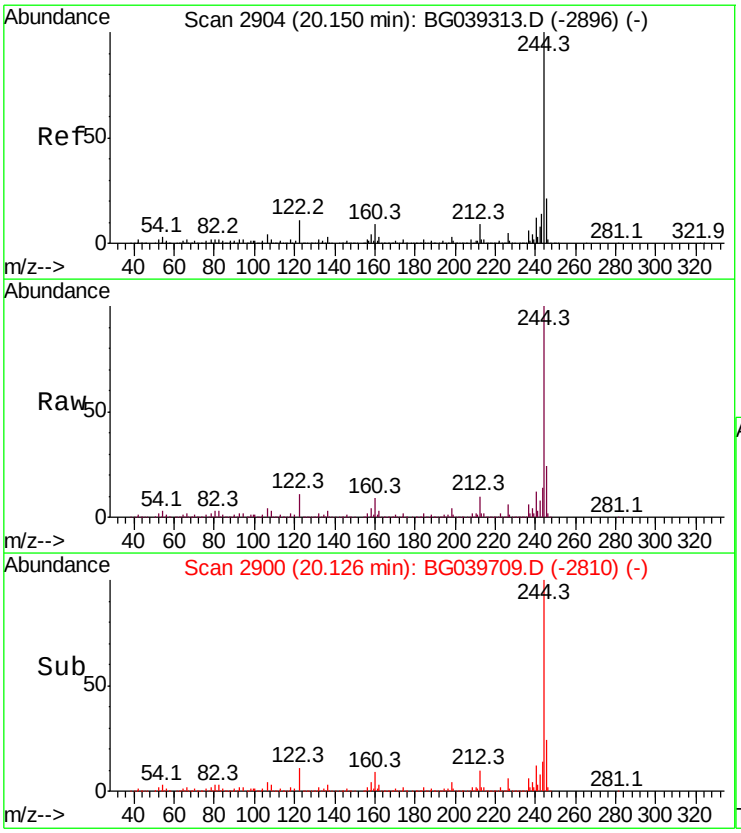
#77
Benzidine
Concen: 2.157 ng
RT: 20.13 min Scan# 2900
Delta R.T. 0.37 min
Lab File: BG039709.D
Acq: 2 Mar 2019 5:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 31189

Ion	Ratio	Lower	Upper
184	100		
185	15.5	12.2	18.2
183	8.8	10.6	15.8#

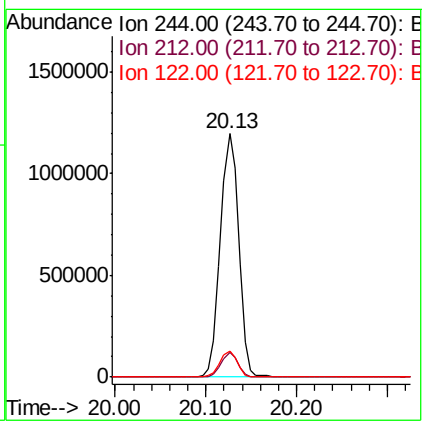


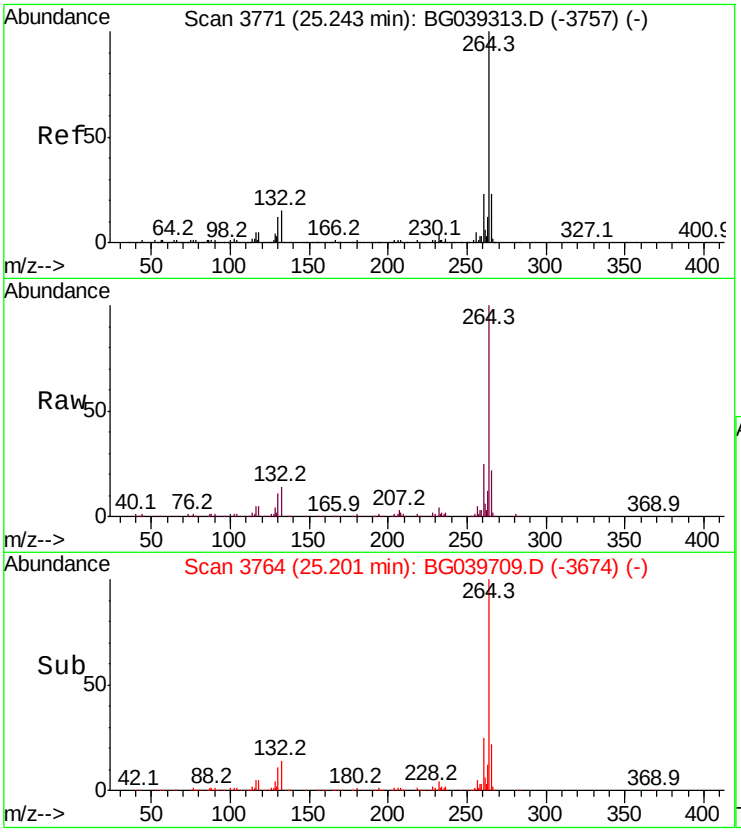


#79
Terphenyl-d14
Concen: 80.663 ng
RT: 20.13 min Scan# 2900
Delta R.T. 0.00 min
Lab File: BG039709.D
Acq: 2 Mar 2019 5:30

Tgt Ion:244 Resp: 1680823

Ion	Ratio	Lower	Upper
244	100		
212	10.0	7.3	10.9
122	10.6	8.4	12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.20 min Scan# 3764
Delta R.T. 0.00 min
Lab File: BG039709.D
Acq: 2 Mar 2019 5:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 419054

Ion	Ratio	Lower	Upper
264	100		
260	25.2	18.2	27.4
265	22.1	18.5	27.7