Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030119\
Data File : BG039713.D
Acq On : 2 Mar 2019 8:06
Operator : JU/SJ
Sample : K1665-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Mar 03 23:48:11 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	50717	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	208737	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	136609	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	336750	20.00	ng	0.00
76) Chrysene-d12	21.82	240	346977	20.00	ng	0.00
87) Perylene-d12	25.19	264	324374	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	389104	131.31	ng	0.00
7) Phenol-d6	7.31	99	506265	116.07	ng	0.00
23) Nitrobenzene-d5	9.34	82	367203	109.90	ng	0.00
42) 2,4,6-Tribromophenol	16.28	330	211909	144.05	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	871692	91.54	ng	0.00
79) Terphenyl-d14	20.12	244	1430074	87.24	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.30	77	883	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	9.34	70	47178	15.239	ng	# 69
32) Benzoic acid	10.42	122	59	9.045	ng	# 1
48) 2-Nitroaniline	13.41	65	1466	8.790	ng	# 7
51) 2,6-Dinitrotoluene	14.79	165	17796	14.010	ng	# 23
57) 2,4-Dinitrotoluene	14.79	165	17796	13.464	ng	# 18
62) 4-Nitroaniline	15.78	138	60	4.226	ng	# 13
65) 4,6-Dinitro-2-methylphenol	16.28	198	608	4.753	ng	# 1
67) 4-Bromophenyl-phenylether	16.28	248	16408	4.392	ng	# 1

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

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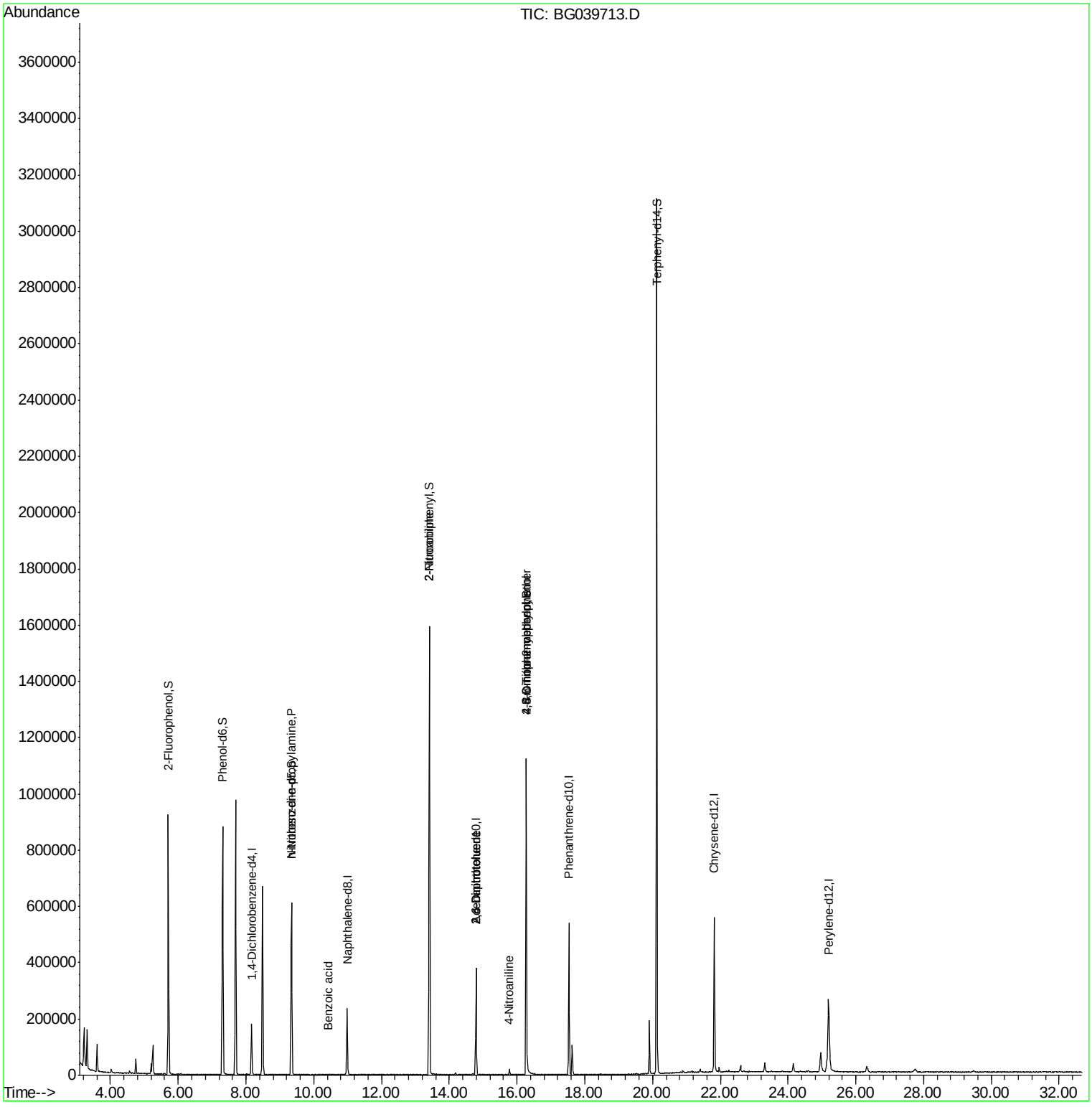
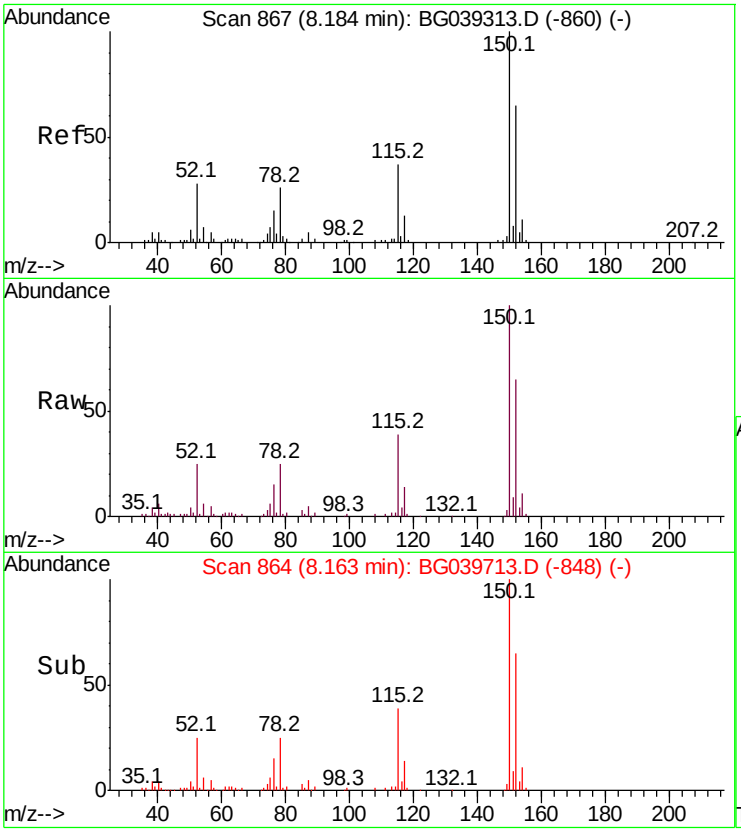
Quant Time: Mar 03 23:48:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 06:15:02 2019
Response via : Initial Calibration



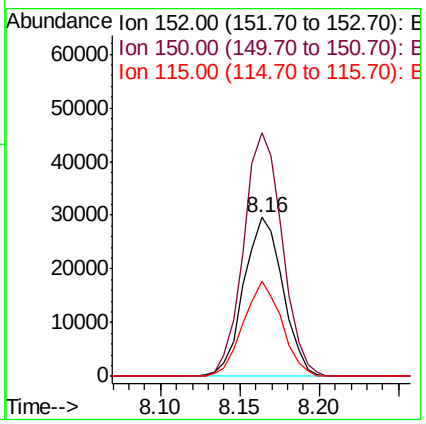


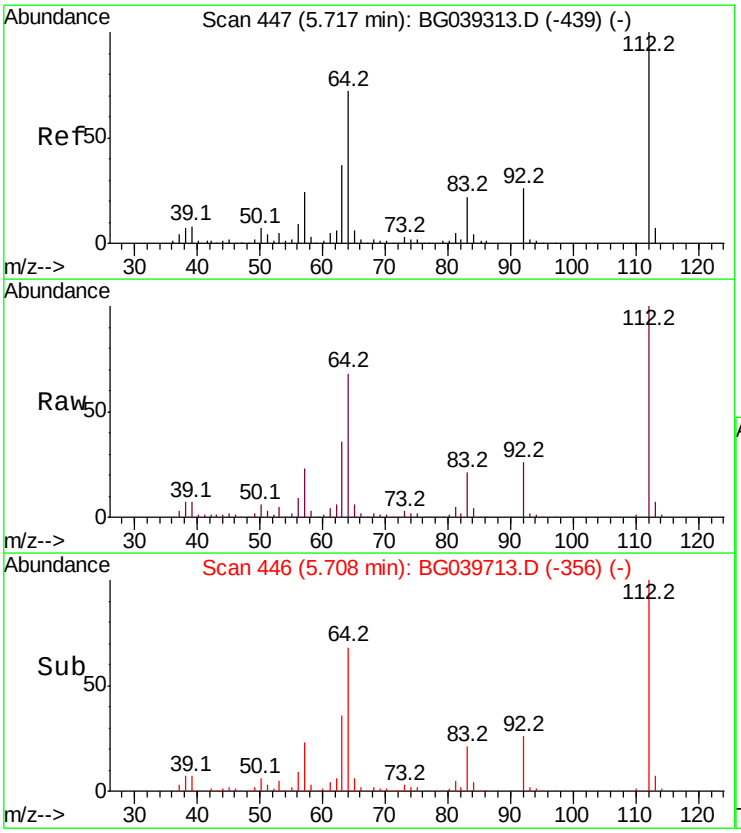
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 864
Delta R.T. -0.01 min
Lab File: BG039713.D
Acq: 2 Mar 2019 8:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 50717

Ion	Ratio	Lower	Upper
152	100		
150	153.5	123.7	185.5
115	59.9	45.9	68.9

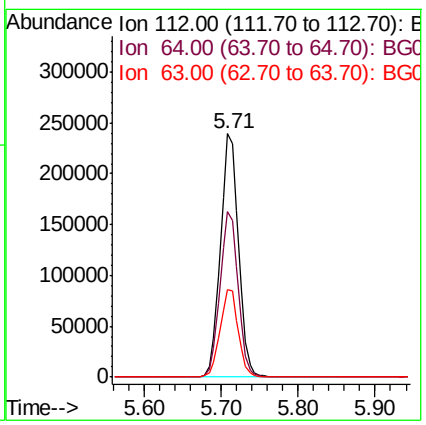


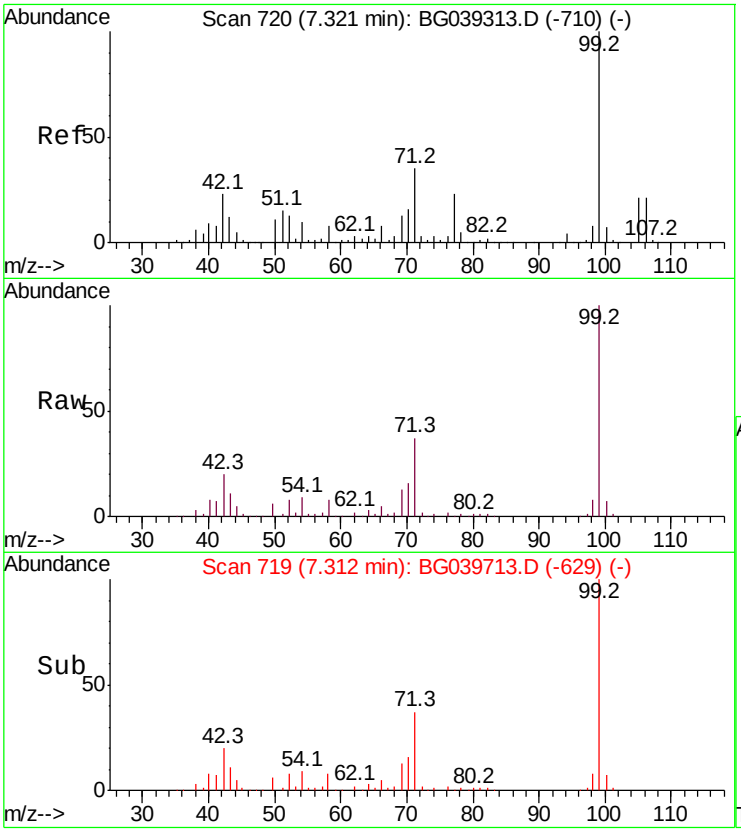


#5
2-Fluorophenol
Concen: 131.308 ng
RT: 5.71 min Scan# 446
Delta R.T. -0.00 min
Lab File: BG039713.D
Acq: 2 Mar 2019 8:06

Tgt Ion:112 Resp: 389104

Ion	Ratio	Lower	Upper
112	100		
64	68.1	57.8	86.8
63	36.0	29.8	44.6



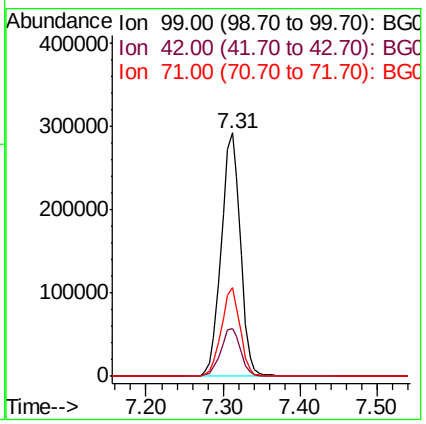


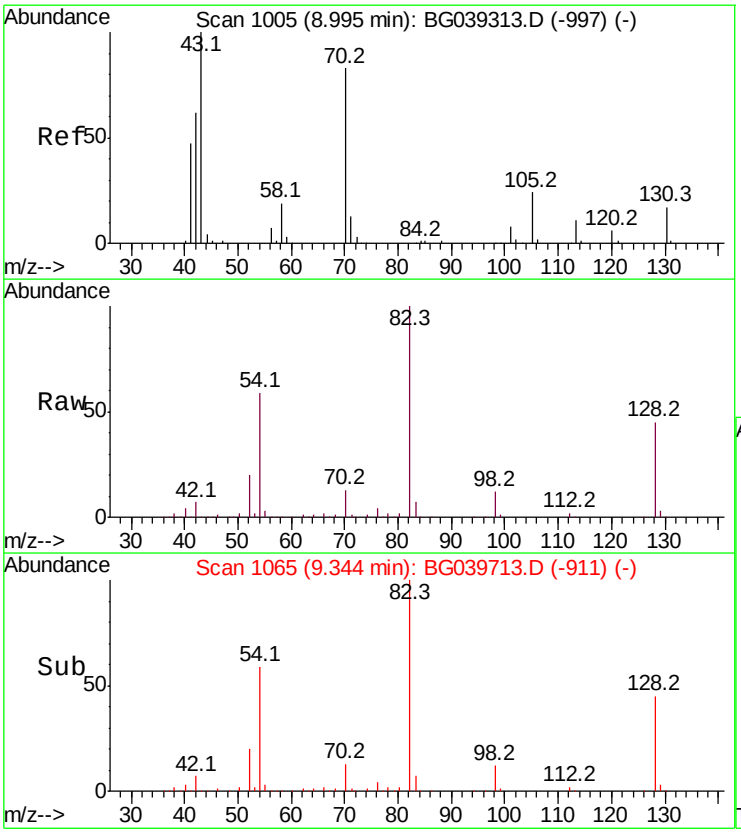
#7
Phenol-d6
Concen: 116.066 ng
RT: 7.31 min Scan# 719
Delta R.T. -0.00 min
Lab File: BG039713.D
Acq: 2 Mar 2019 8:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 506265

Ion	Ratio	Lower	Upper
99	100		
42	19.7	18.2	27.2
71	36.6	28.0	42.0

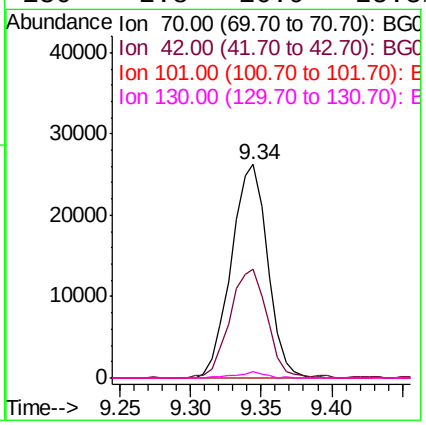


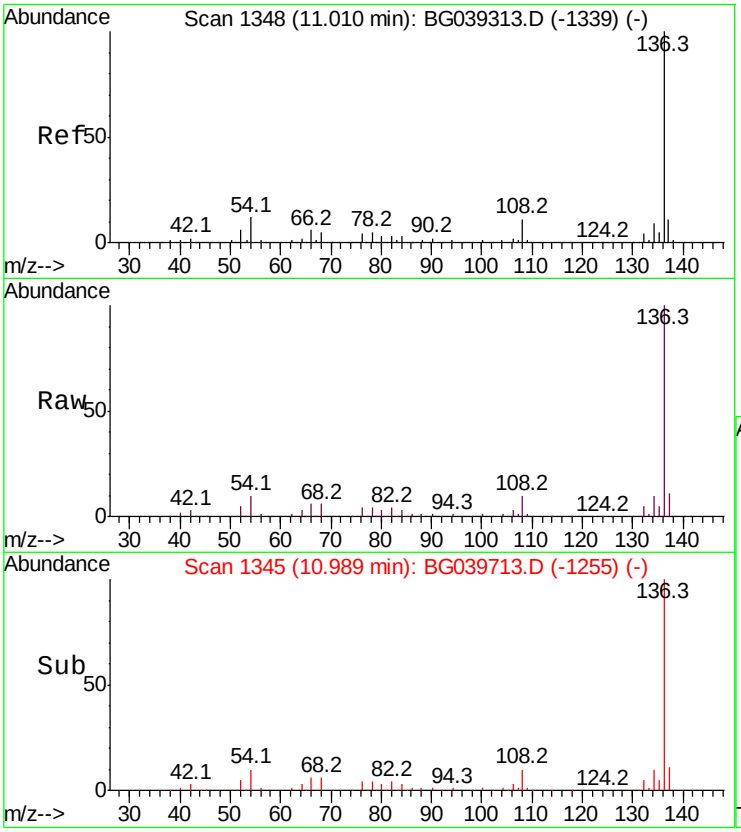


#19
n-Nitroso-di-n-propylamine
Concen: 15.239 ng
RT: 9.34 min Scan# 1065
Delta R.T. 0.38 min
Lab File: BG039713.D
Acq: 2 Mar 2019 8:06

Tgt Ion: 70 Resp: 47178

Ion	Ratio	Lower	Upper
70	100		
42	50.7	60.4	90.6#
101	0.0	7.5	11.3#
130	2.8	16.9	25.3#



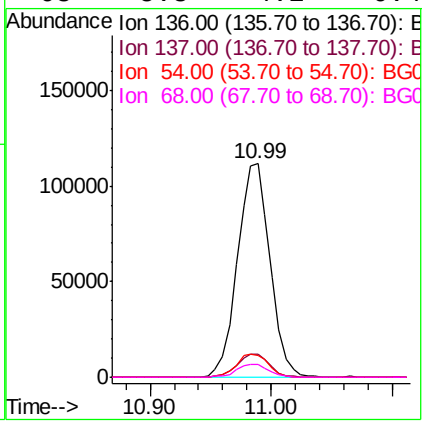


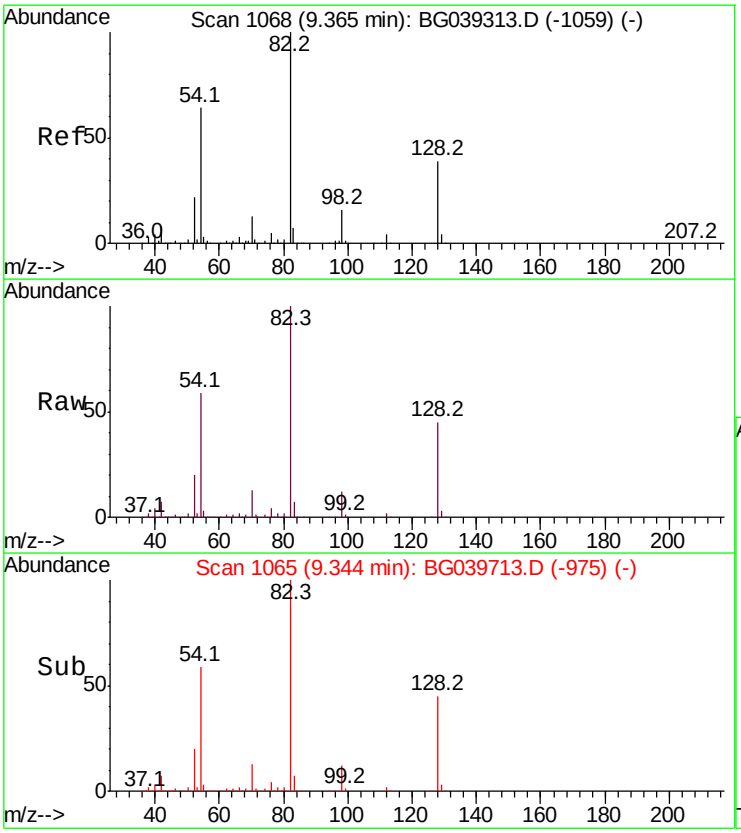
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BG039713.D
Acq: 2 Mar 2019 8:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 208737

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	10.3	9.4	14.2
68	5.8	4.2	6.4

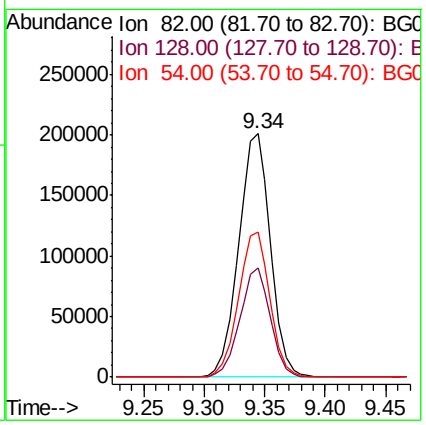


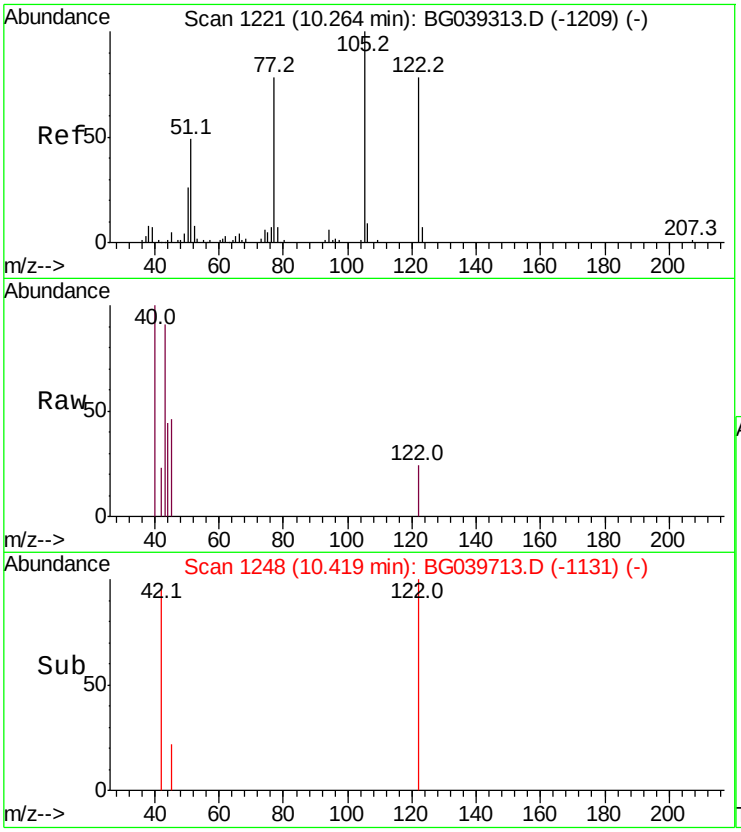


#23
Nitrobenzene-d5
Concen: 109.898 ng
RT: 9.34 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BG039713.D
Acq: 2 Mar 2019 8:06

Tgt Ion: 82 Resp: 367203

Ion	Ratio	Lower	Upper
82	100		
128	45.0	31.3	46.9
54	59.5	50.9	76.3



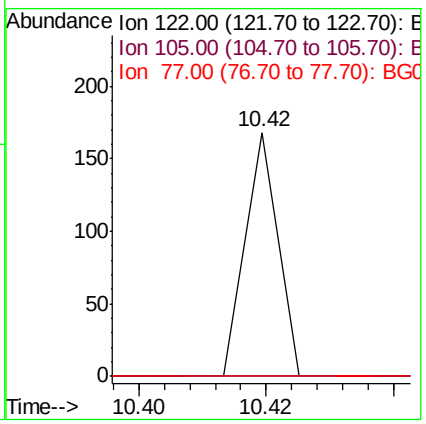


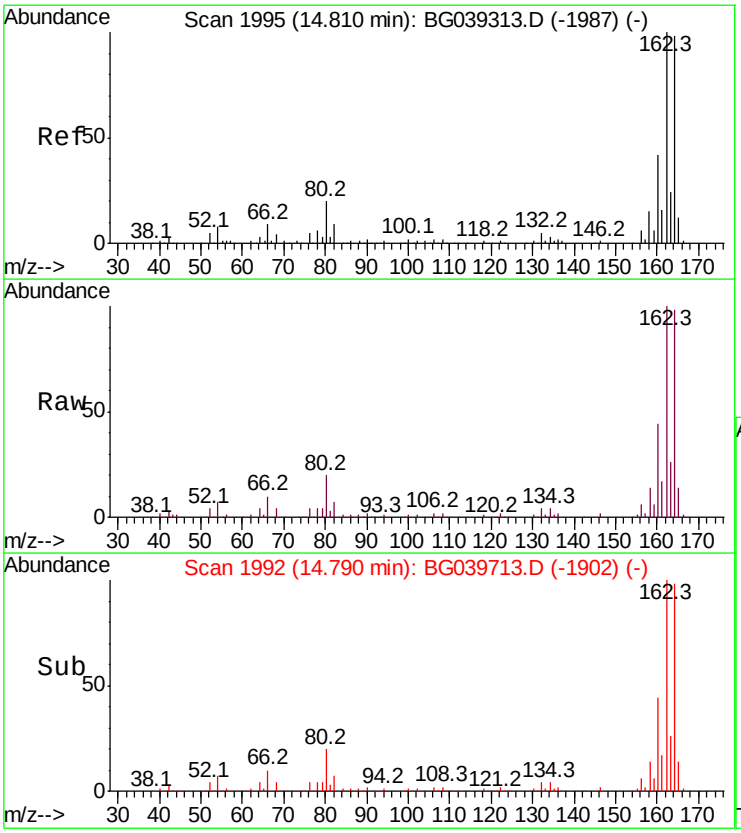
#32
Benzoic acid
Concen: 9.045 ng
RT: 10.42 min Scan# 1248
Delta R.T. 0.16 min
Lab File: BG039713.D
Acq: 2 Mar 2019 8:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 59

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.8	141.8#
77	0.0	76.3	116.3#

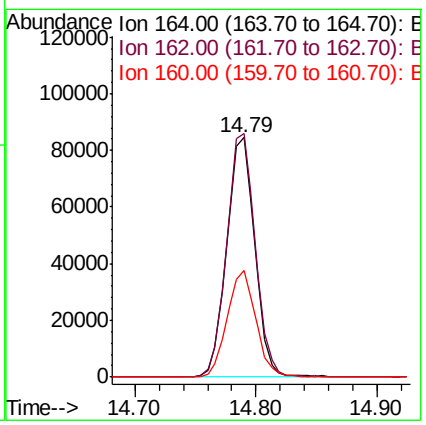


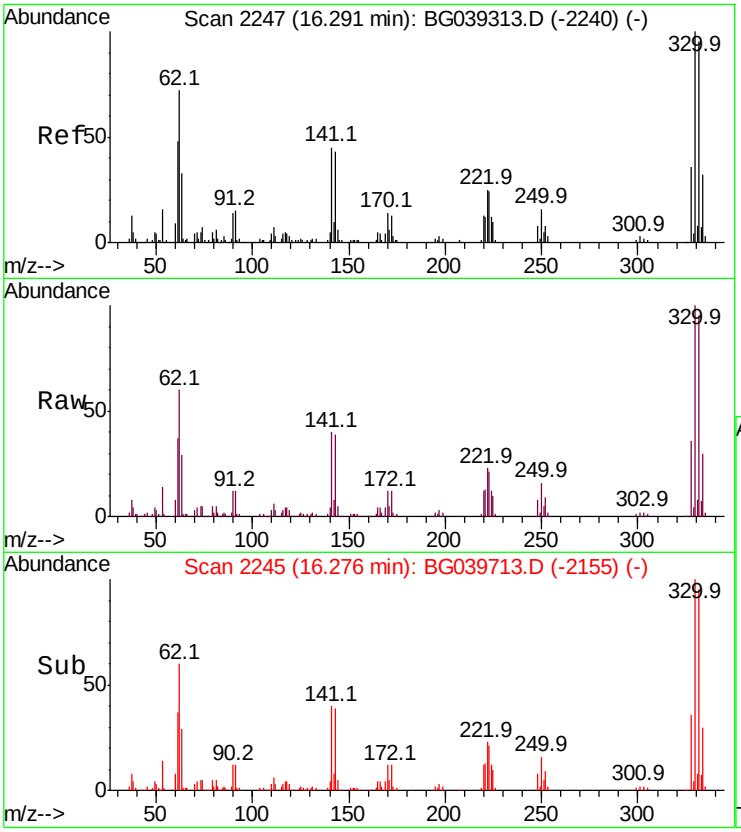


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.00 min
Lab File: BG039713.D
Acq: 2 Mar 2019 8:06

Tgt Ion:164 Resp: 136609

Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.6	122.4
160	44.4	34.2	51.2



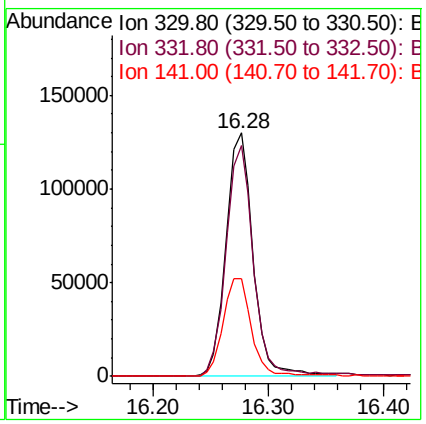


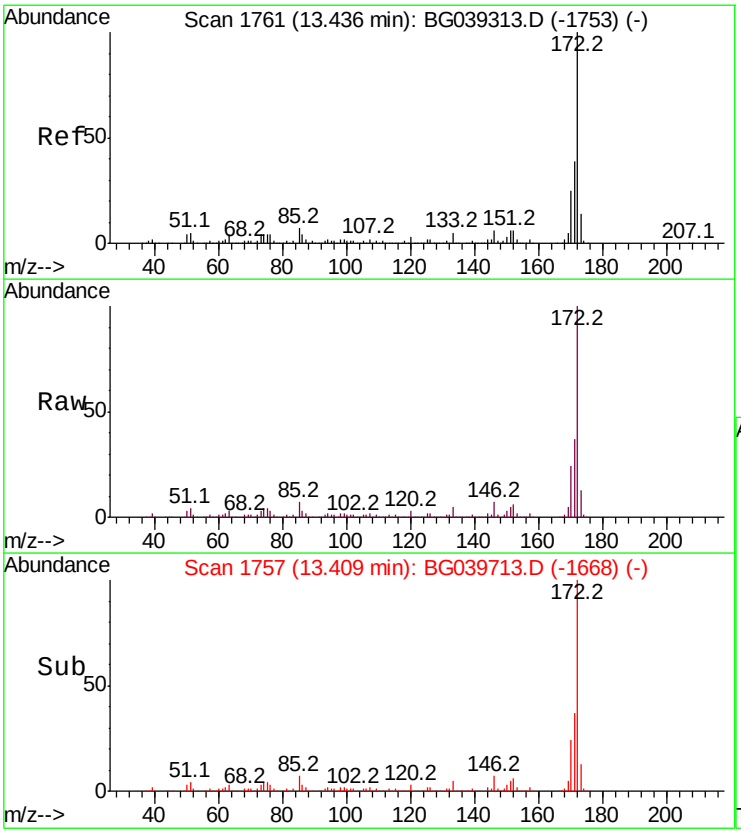
#42
2,4,6-Tribromophenol
Concen: 144.053 ng
RT: 16.28 min Scan# 2245
Delta R.T. -0.00 min
Lab File: BG039713.D
Acq: 2 Mar 2019 8:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 211909

Ion	Ratio	Lower	Upper
330	100		
332	94.4	75.7	113.5
141	41.7	35.6	53.4

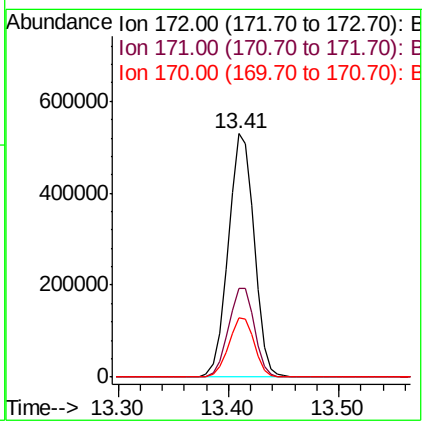


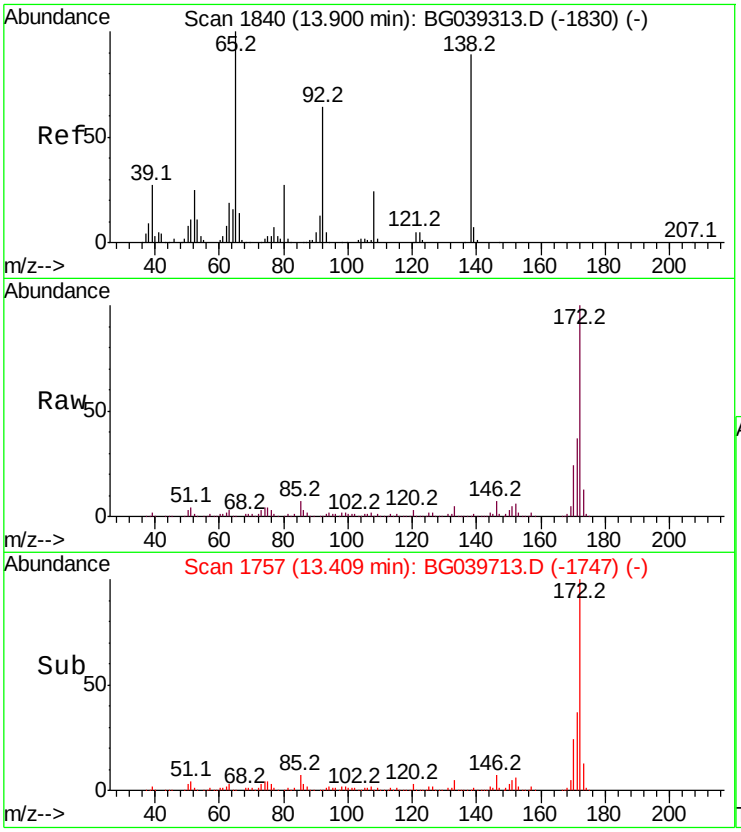


#45
2-Fluorobiphenyl
Concen: 91.538 ng
RT: 13.41 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BG039713.D
Acq: 2 Mar 2019 8:06

Tgt Ion:172 Resp: 871692

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



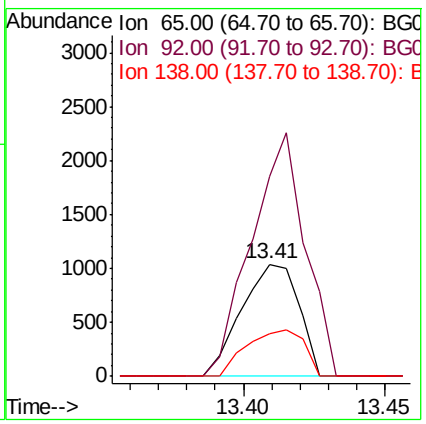


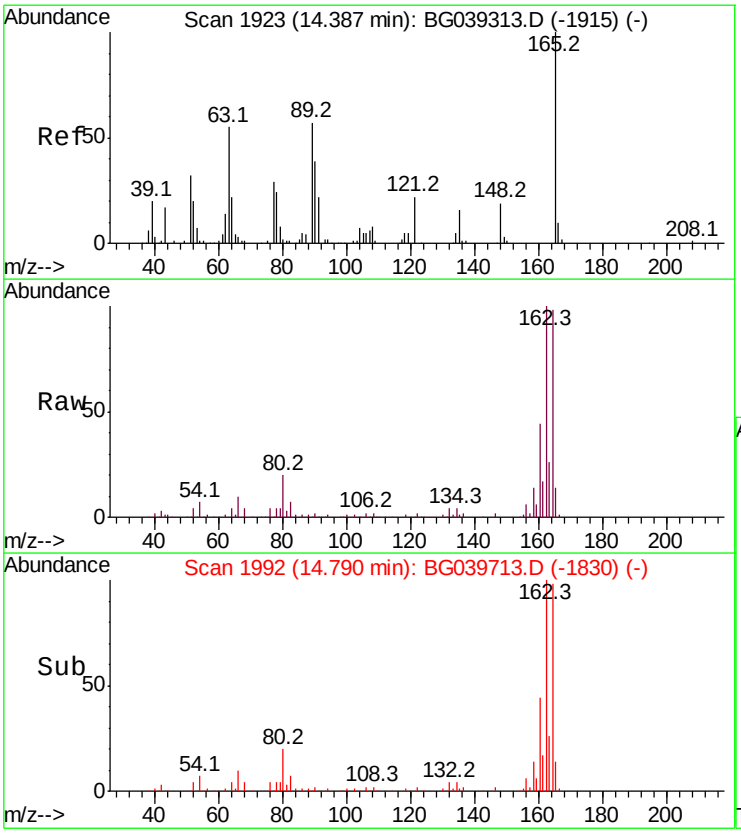
#48
2-Nitroaniline
Concen: 8.790 ng
RT: 13.41 min Scan# 1757
Delta R.T. -0.47 min
Lab File: BG039713.D
Acq: 2 Mar 2019 8:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 65 Resp: 1466

Ion	Ratio	Lower	Upper
65	100		
92	178.3	51.4	77.2#
138	37.9	71.4	107.2#

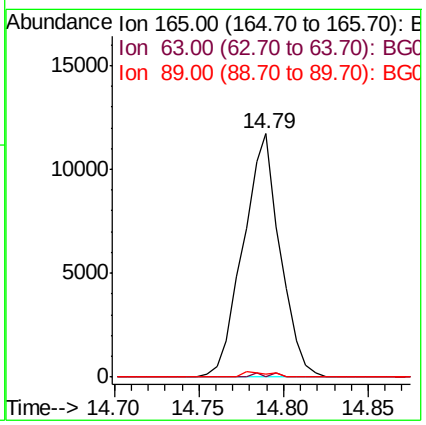


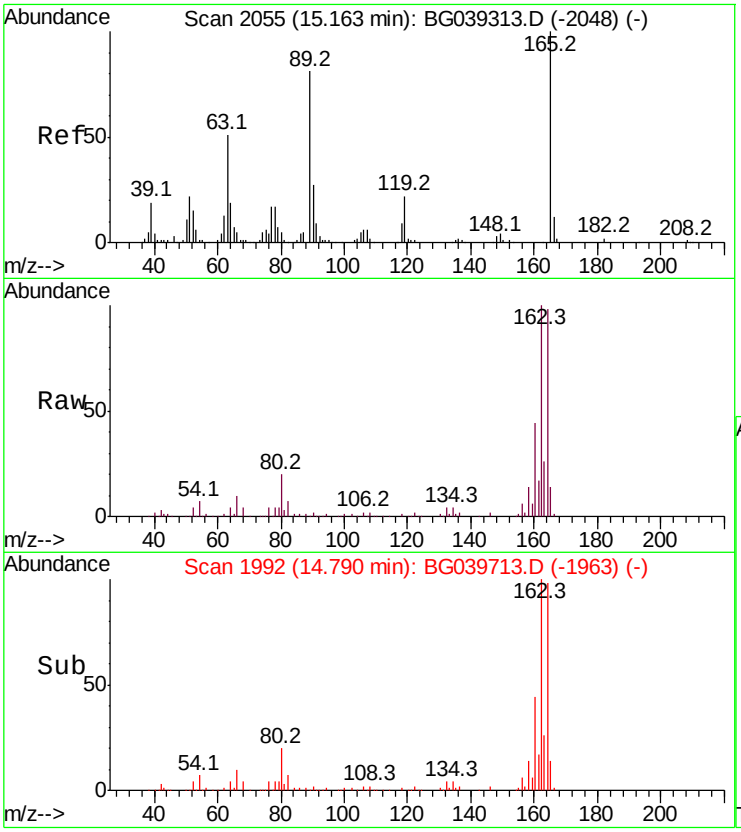


#51
2,6-Dinitrotoluene
Concen: 14.010 ng
RT: 14.79 min Scan# 1992
Delta R.T. 0.42 min
Lab File: BG039713.D
Acq: 2 Mar 2019 8:06

Tgt Ion:165 Resp: 17796

Ion	Ratio	Lower	Upper
165	100		
63	0.0	47.0	70.6#
89	1.4	45.8	68.8#



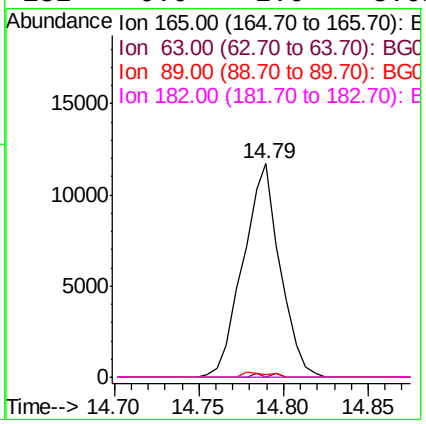


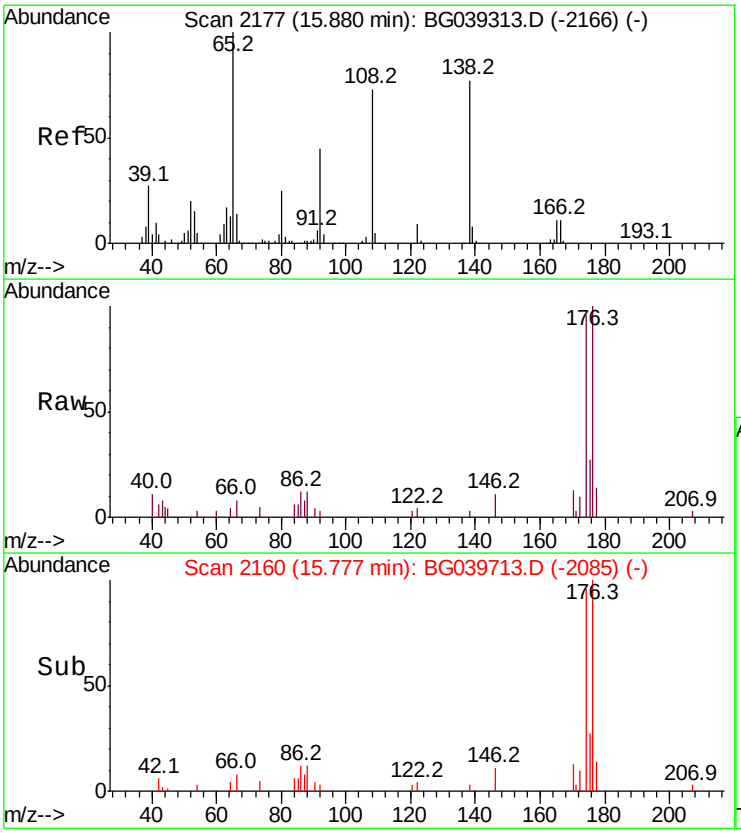
#57
2,4-Dinitrotoluene
Concen: 13.464 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.36 min
Lab File: BG039713.D
Acq: 2 Mar 2019 8:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 17796

Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.0	61.6#
89	1.4	64.6	96.8#
182	0.0	2.0	3.0#

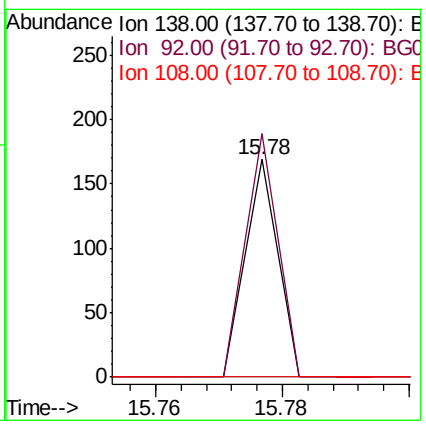


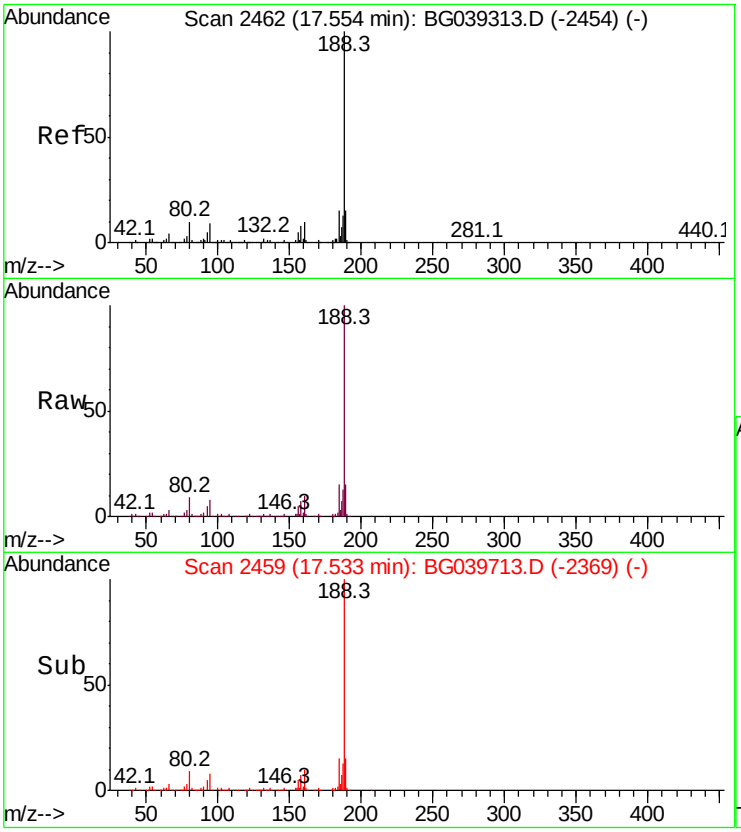


#62
4-Nitroaniline
Concen: 4.226 ng
RT: 15.78 min Scan# 2160
Delta R.T. -0.09 min
Lab File: BG039713.D
Acq: 2 Mar 2019 8:06

Tgt Ion:138 Resp: 60

Ion	Ratio	Lower	Upper
138	100		
92	111.8	38.7	78.7#
108	0.0	74.6	114.6#



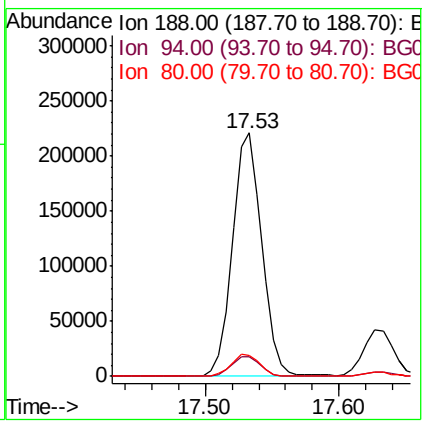


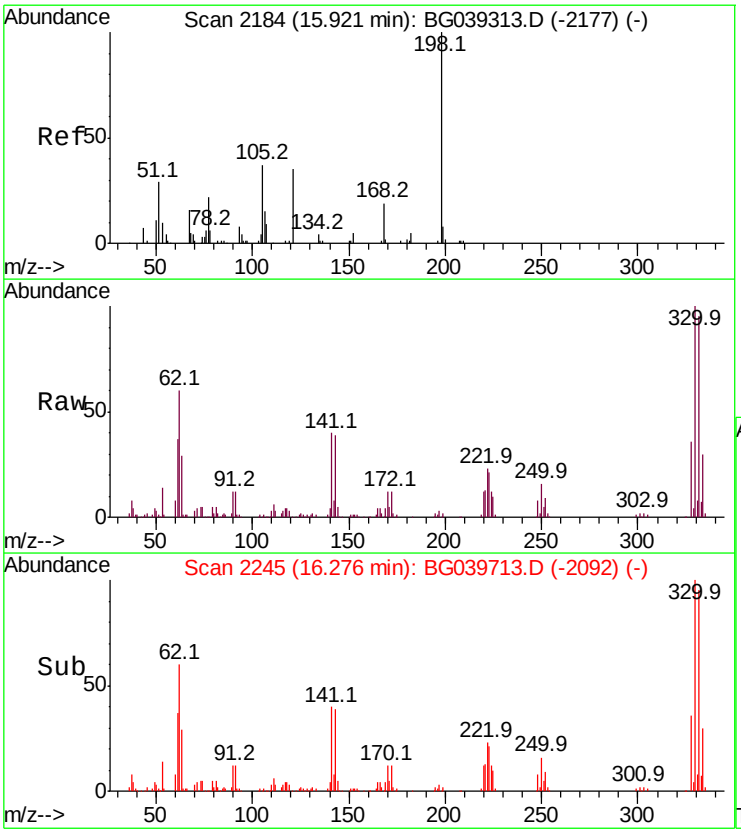
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2459
Delta R.T. -0.00 min
Lab File: BG039713.D
Acq: 2 Mar 2019 8:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 336750

Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.9	10.3
80	8.5	8.1	12.1

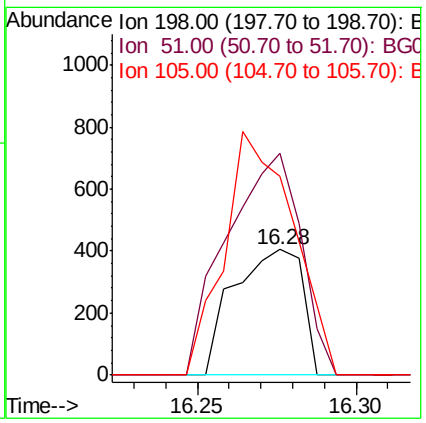


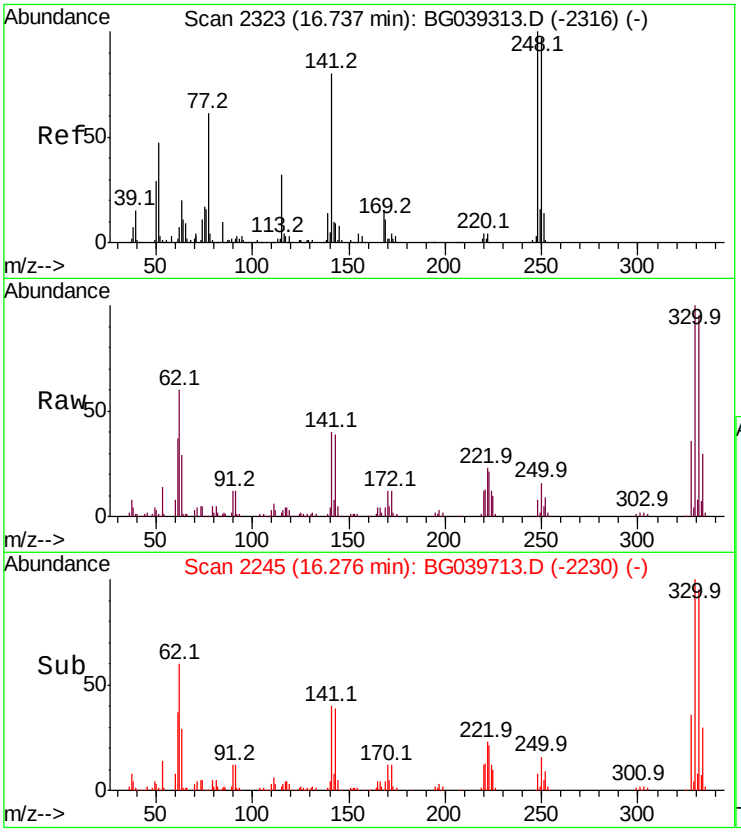


#65
4,6-Dinitro-2-methylphenol
Concen: 4.753 ng
RT: 16.28 min Scan# 2245
Delta R.T. 0.37 min
Lab File: BG039713.D
Acq: 2 Mar 2019 8:06

Tgt Ion:198 Resp: 608

Ion	Ratio	Lower	Upper
198	100		
51	176.7	27.4	67.4#
105	158.4	19.7	59.7#



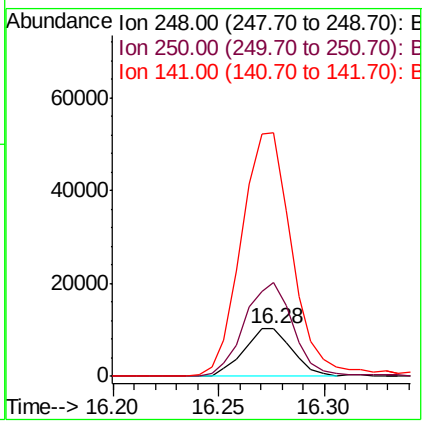


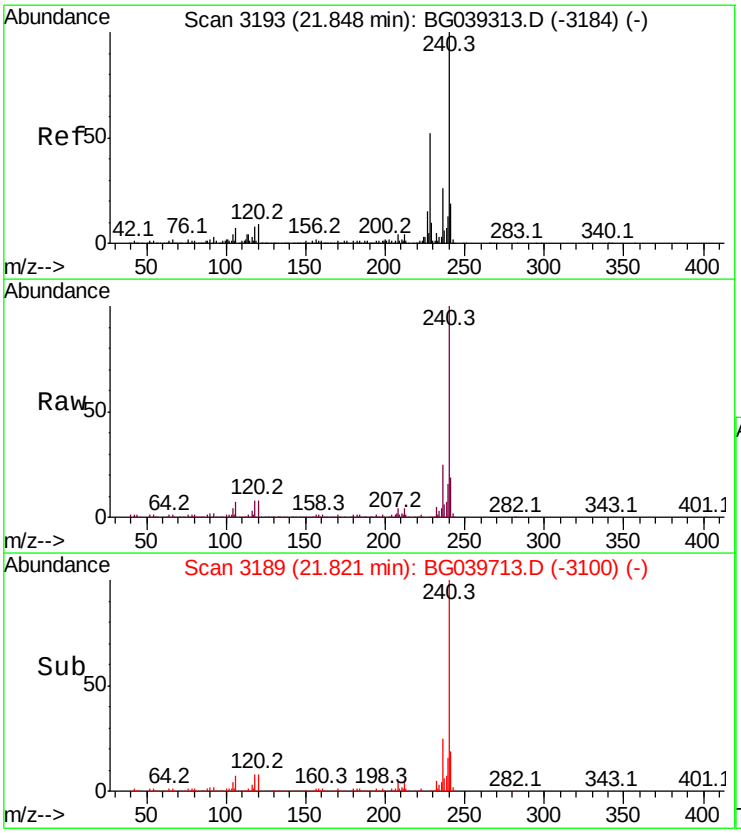
#67
4-Bromophenyl-phenylether
Concen: 4.392 ng
RT: 16.28 min Scan# 2245
Delta R.T. -0.44 min
Lab File: BG039713.D
Acq: 2 Mar 2019 8:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 16408

Ion	Ratio	Lower	Upper
248	100		
250	196.4	77.6	116.4#
141	510.9	63.9	95.9#

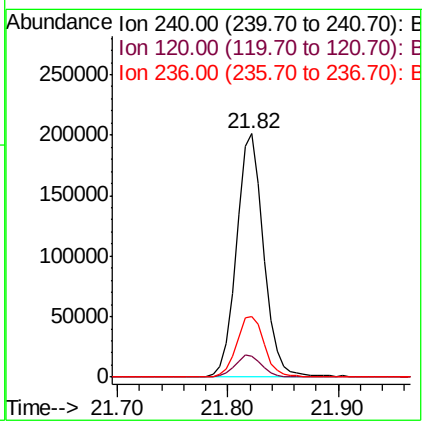


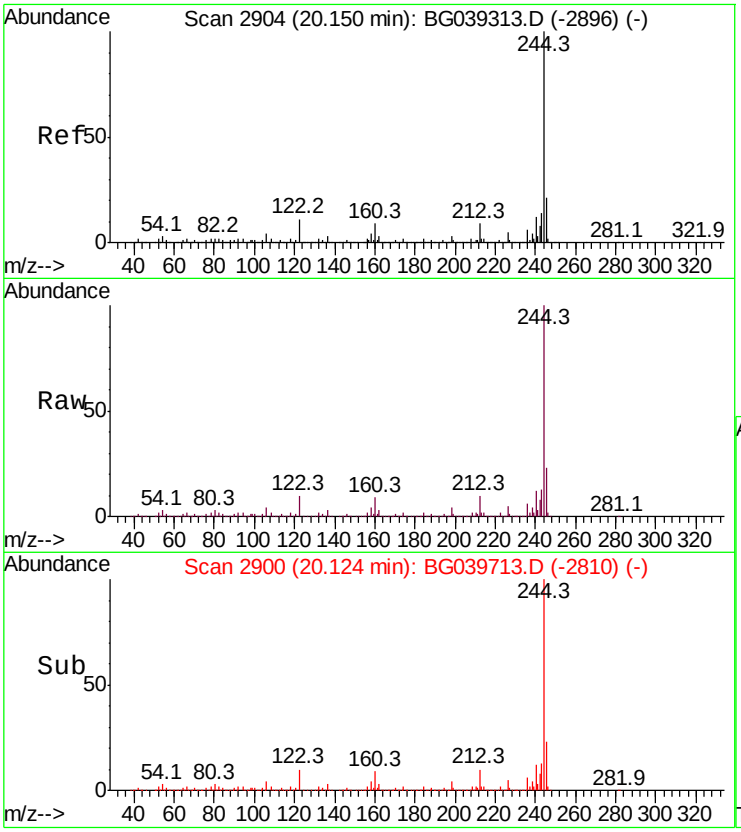


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.82 min Scan# 3189
Delta R.T. -0.01 min
Lab File: BG039713.D
Acq: 2 Mar 2019 8:06

Tgt Ion:240 Resp: 346977

Ion	Ratio	Lower	Upper
240	100		
120	8.4	7.0	10.6
236	25.1	21.0	31.4



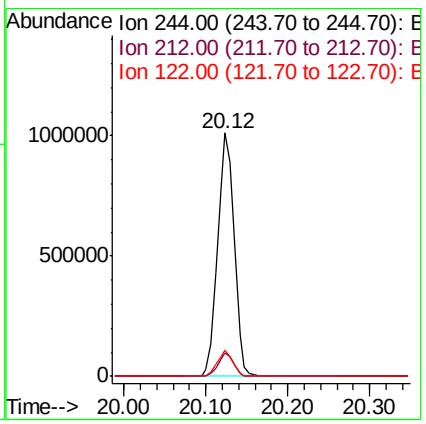


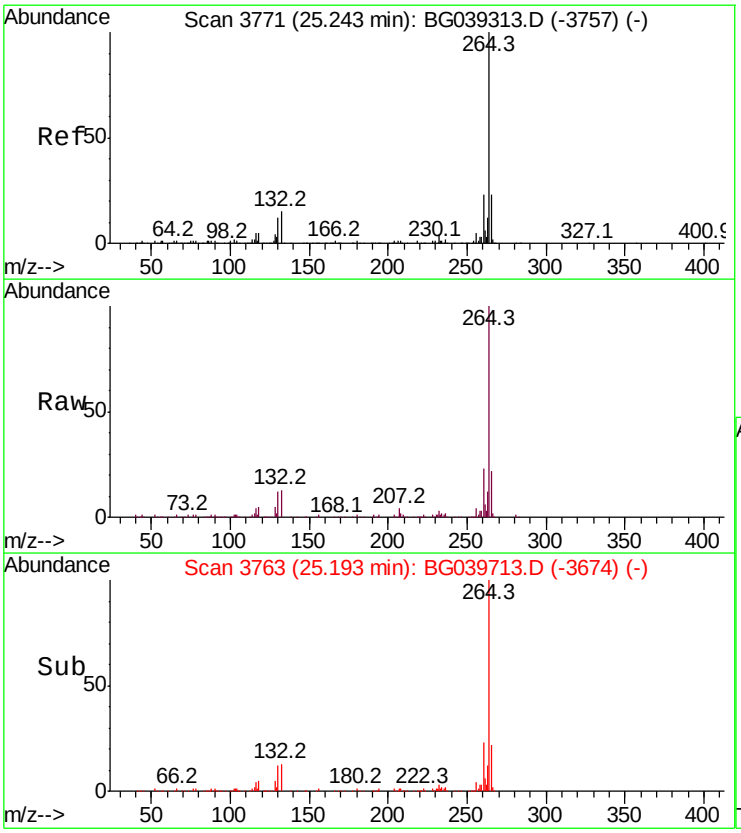
#79
Terphenyl-d14
Concen: 87.240 ng
RT: 20.12 min Scan# 2900
Delta R.T. -0.00 min
Lab File: BG039713.D
Acq: 2 Mar 2019 8:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1430074

Ion	Ratio	Lower	Upper
244	100		
212	9.8	7.3	10.9
122	10.5	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: BG039713.D
Acq: 2 Mar 2019 8:06

Tgt Ion:264 Resp: 324374

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.4
265	22.0	18.5	27.7