Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022819\
Data File : BG039683.D
Acq On : 1 Mar 2019 6:52
Operator : JU/SJ
Sample : K1647-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Mar 01 10:07:07 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	50662	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	215311	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	146044	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	353109	20.00	ng	0.00
76) Chrysene-d12	21.82	240	372965	20.00	ng	-0.01
87) Perylene-d12	25.20	264	362354	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	421491	142.39	ng	0.00
7) Phenol-d6	7.31	99	531643	122.02	ng	0.00
23) Nitrobenzene-d5	9.34	82	420836	122.10	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	205883	130.92	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	885532	86.98	ng	0.00
79) Terphenyl-d14	20.13	244	1598786	90.74	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.30	77	957	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	9.34	70	54952	17.769	ng	# 70
32) Benzoic acid	10.22	122	670	9.290	ng	# 62
48) 2-Nitroaniline	14.18	65	70	8.318	ng	# 10
51) 2,6-Dinitrotoluene	14.79	165	18596	13.842	ng	# 24
57) 2,4-Dinitrotoluene	14.79	165	18596	13.337	ng	# 19
65) 4,6-Dinitro-2-methylphenol	16.27	198	631	4.748	ng	# 1
67) 4-Bromophenyl-phenylether	16.27	248	15667	3.999	ng	# 1
77) Benzidine	20.13	184	28942	2.367	ng	# 90

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

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Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022819\
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Acq On : 1 Mar 2019 6:52
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ALS Vial : 23 Sample Multiplier: 1

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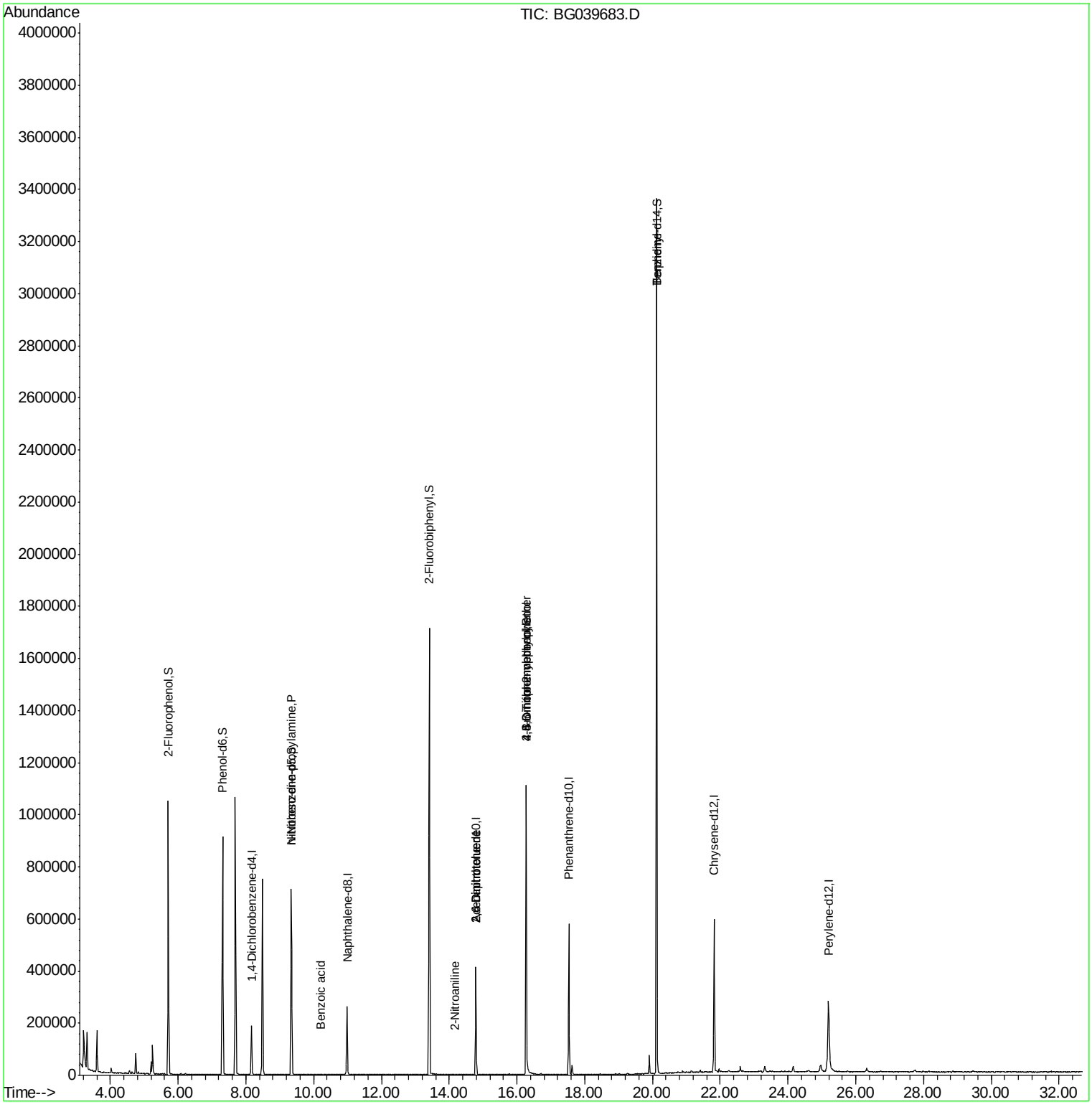
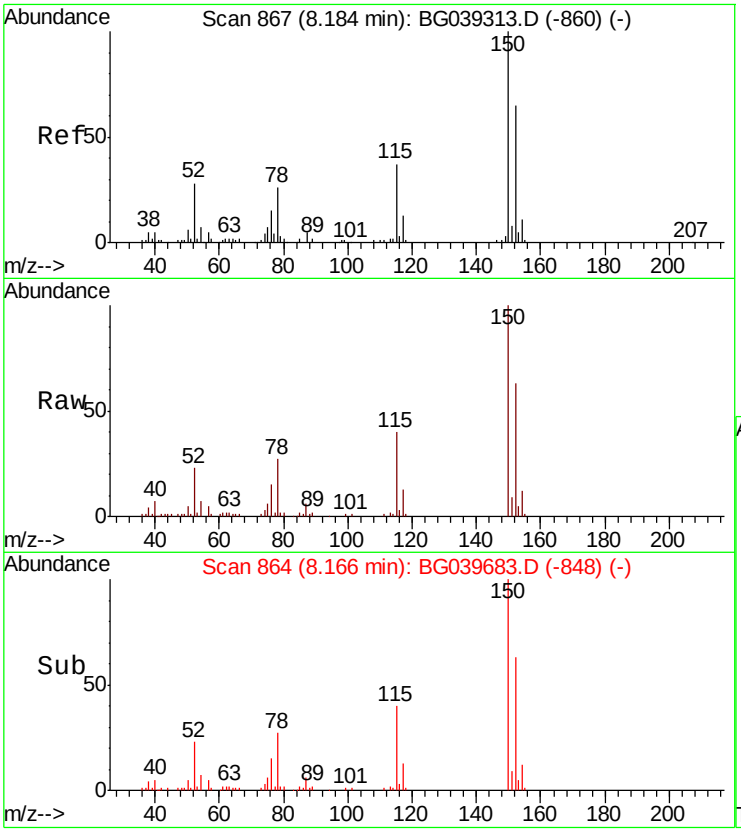
ClientSampleId :

Quant Time: Mar 01 10:07:07 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



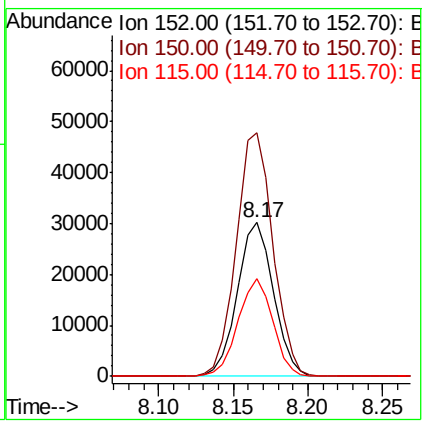


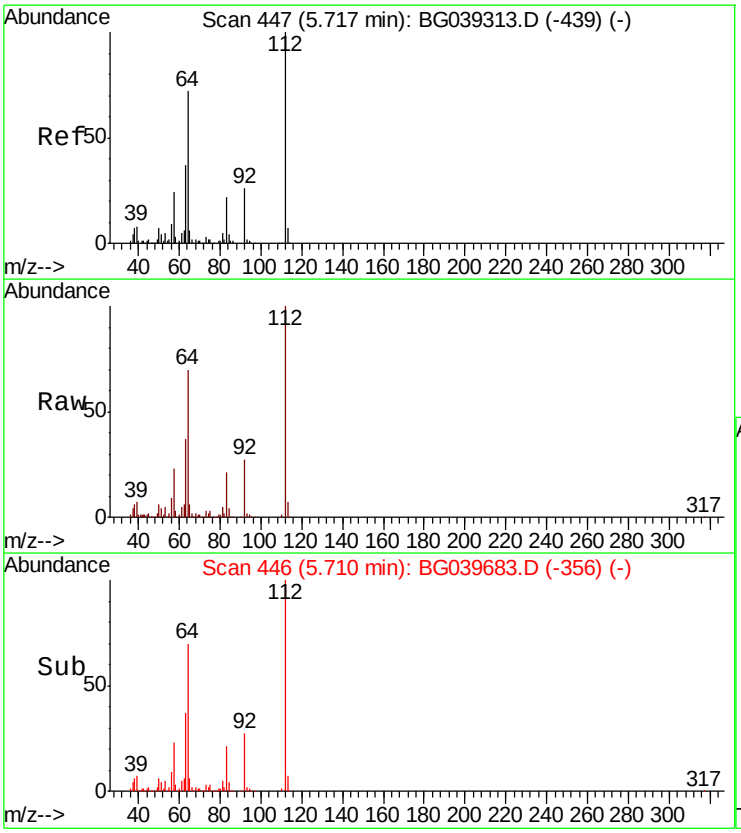
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: BG039683.D
Acq: 1 Mar 2019 6:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 50662

Ion	Ratio	Lower	Upper
152	100		
150	158.5	123.7	185.5
115	63.8	45.9	68.9

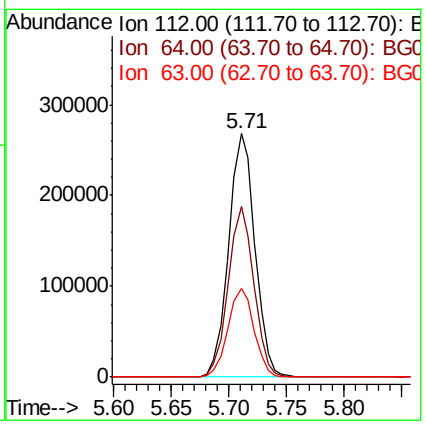


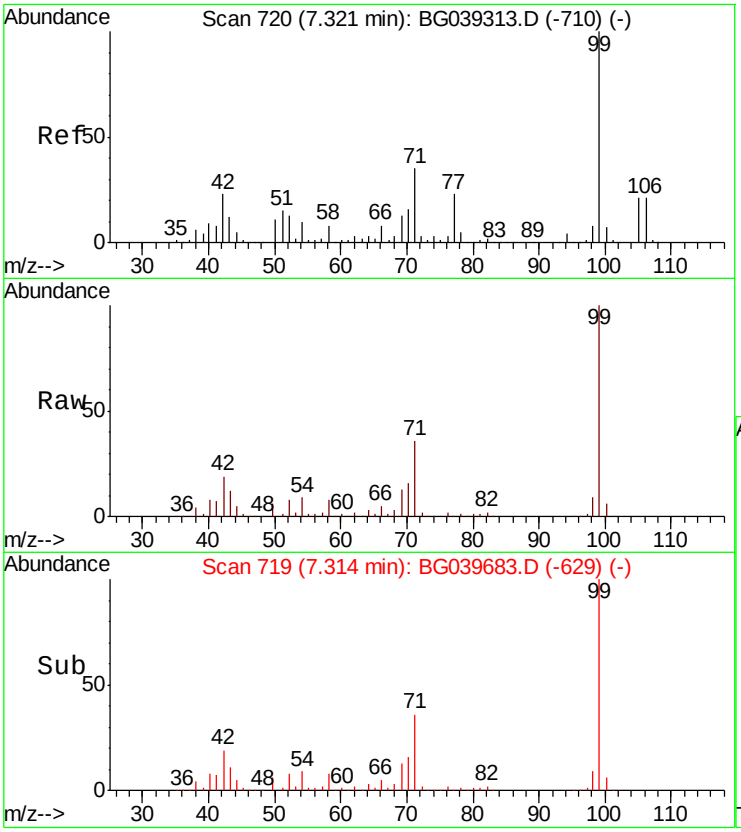


#5
2-Fluorophenol
Concen: 142.392 ng
RT: 5.71 min Scan# 446
Delta R.T. 0.00 min
Lab File: BG039683.D
Acq: 1 Mar 2019 6:52

Tgt Ion:112 Resp: 421491

Ion	Ratio	Lower	Upper
112	100		
64	70.0	57.8	86.8
63	36.7	29.8	44.6



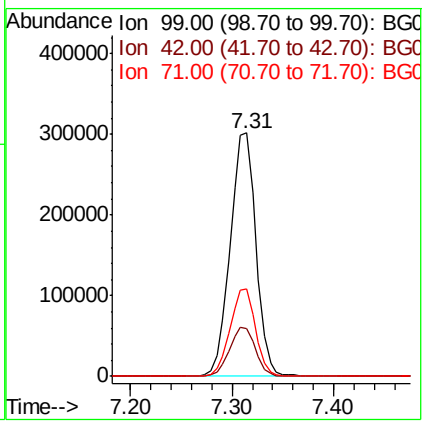


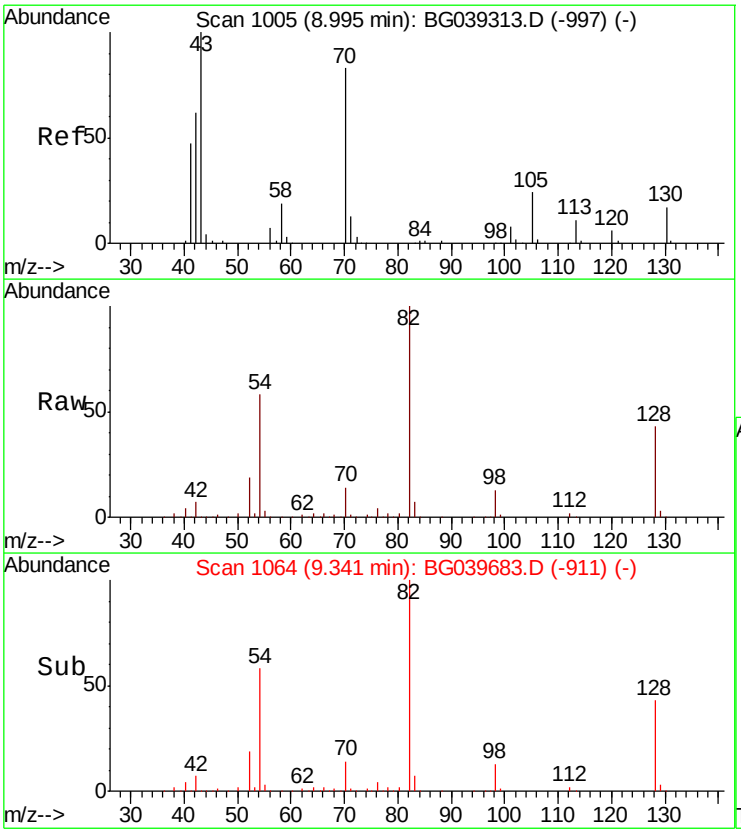
#7
Phenol-d6
Concen: 122.016 ng
RT: 7.31 min Scan# 719
Delta R.T. 0.00 min
Lab File: BG039683.D
Acq: 1 Mar 2019 6:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 531643

Ion	Ratio	Lower	Upper
99	100		
42	19.4	18.2	27.2
71	36.1	28.0	42.0

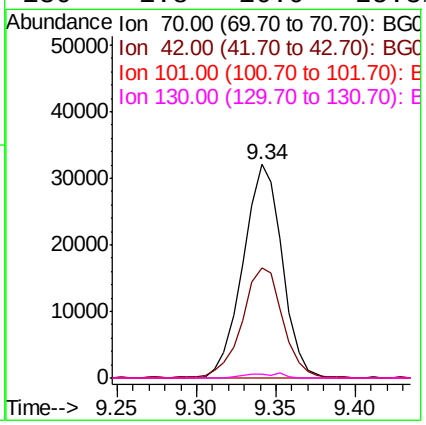


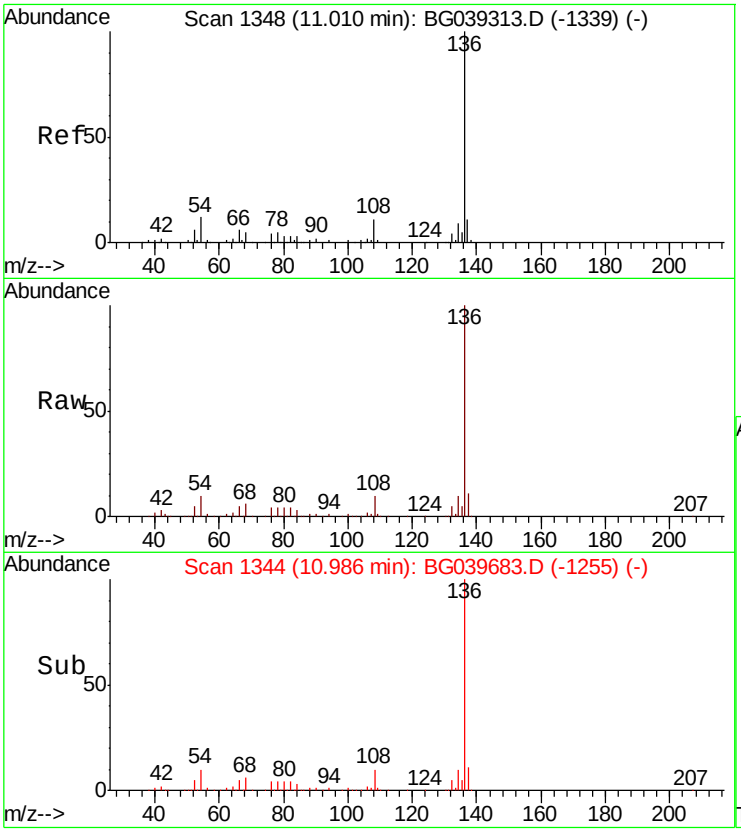


#19
n-Nitroso-di-n-propylamine
Concen: 17.769 ng
RT: 9.34 min Scan# 1064
Delta R.T. 0.37 min
Lab File: BG039683.D
Acq: 1 Mar 2019 6:52

Tgt Ion: 70 Resp: 54952

Ion	Ratio	Lower	Upper
70	100		
42	51.8	60.4	90.6#
101	0.0	7.5	11.3#
130	1.8	16.9	25.3#



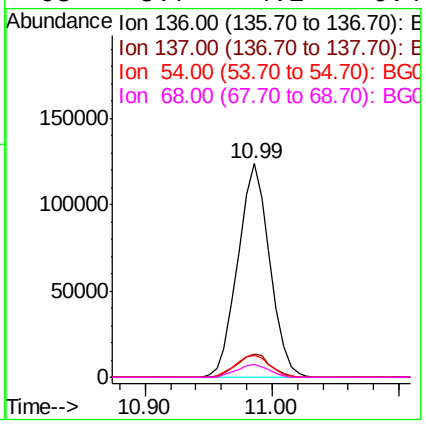


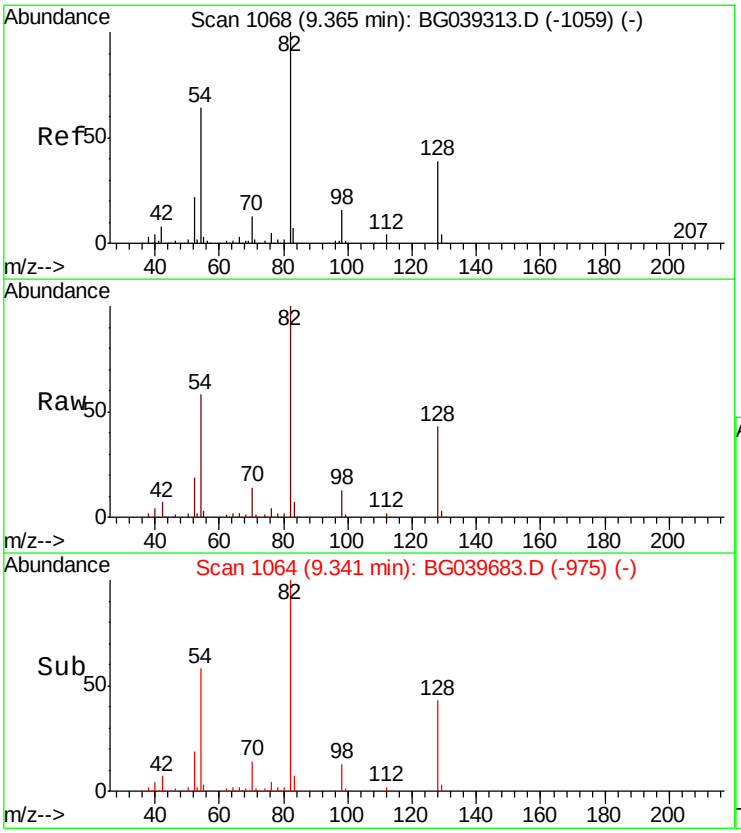
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BG039683.D
Acq: 1 Mar 2019 6:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 215311

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	10.5	9.4	14.2
68	5.7	4.2	6.4

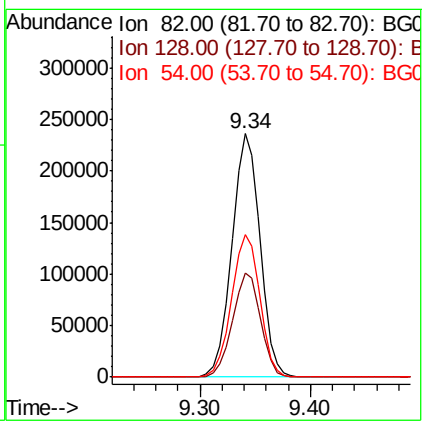


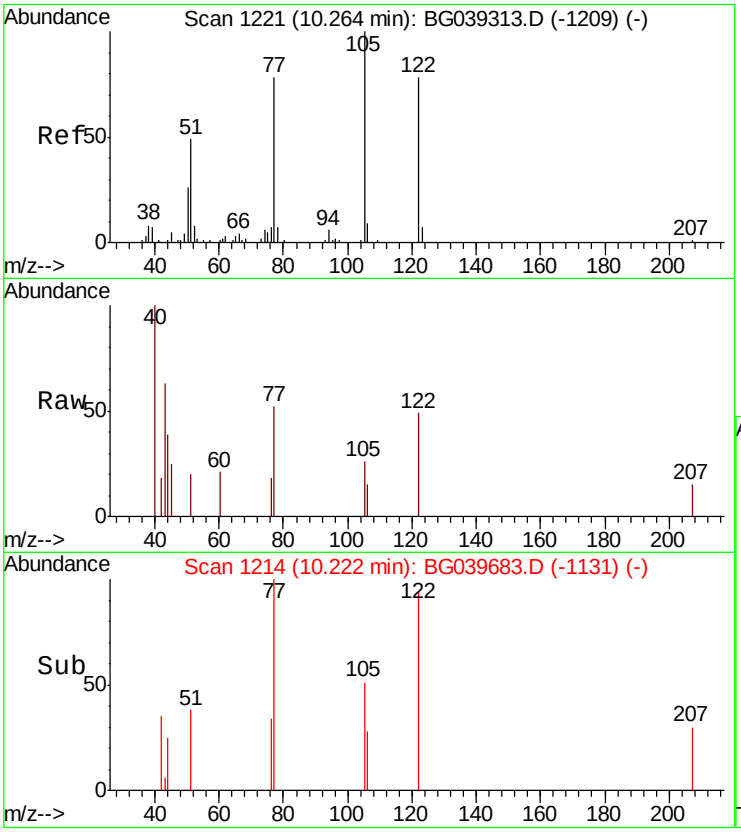


#23
Nitrobenzene-d5
Concen: 122.104 ng
RT: 9.34 min Scan# 1064
Delta R.T. -0.00 min
Lab File: BG039683.D
Acq: 1 Mar 2019 6:52

Tgt Ion: 82 Resp: 420836

Ion	Ratio	Lower	Upper
82	100		
128	42.9	31.3	46.9
54	58.4	50.9	76.3



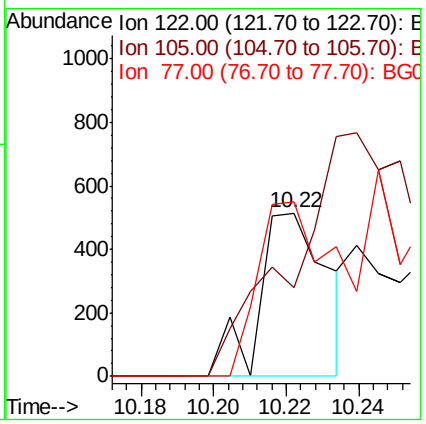


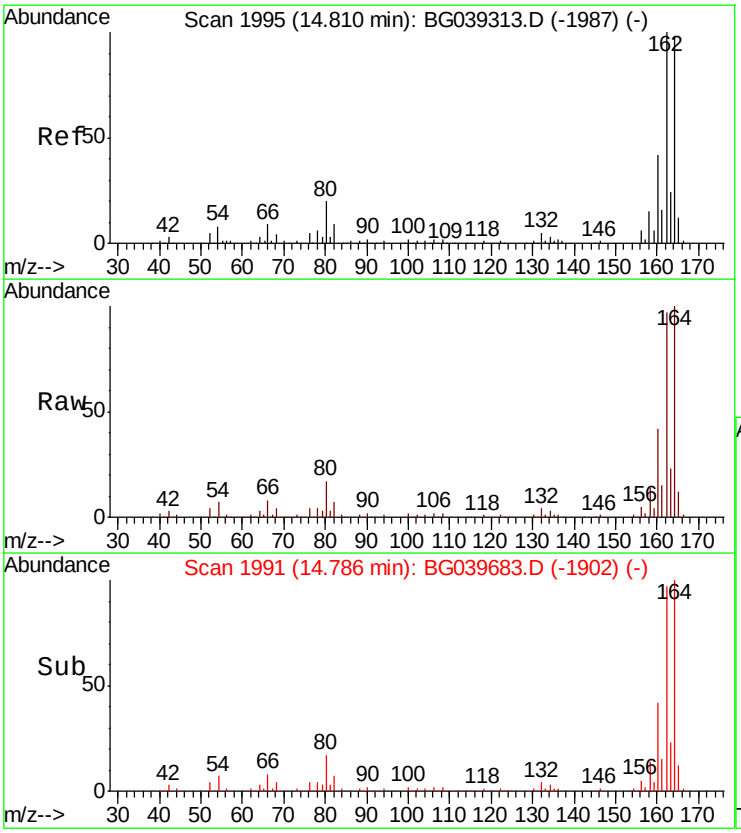
#32
Benzoic acid
Concen: 9.290 ng
RT: 10.22 min Scan# 1214
Delta R.T. -0.04 min
Lab File: BG039683.D
Acq: 1 Mar 2019 6:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 670

Ion	Ratio	Lower	Upper
122	100		
105	54.0	101.8	141.8#
77	106.6	76.3	116.3

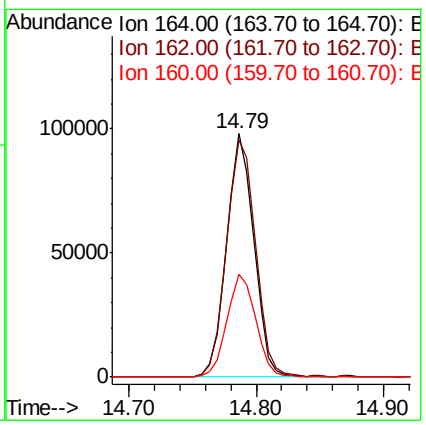


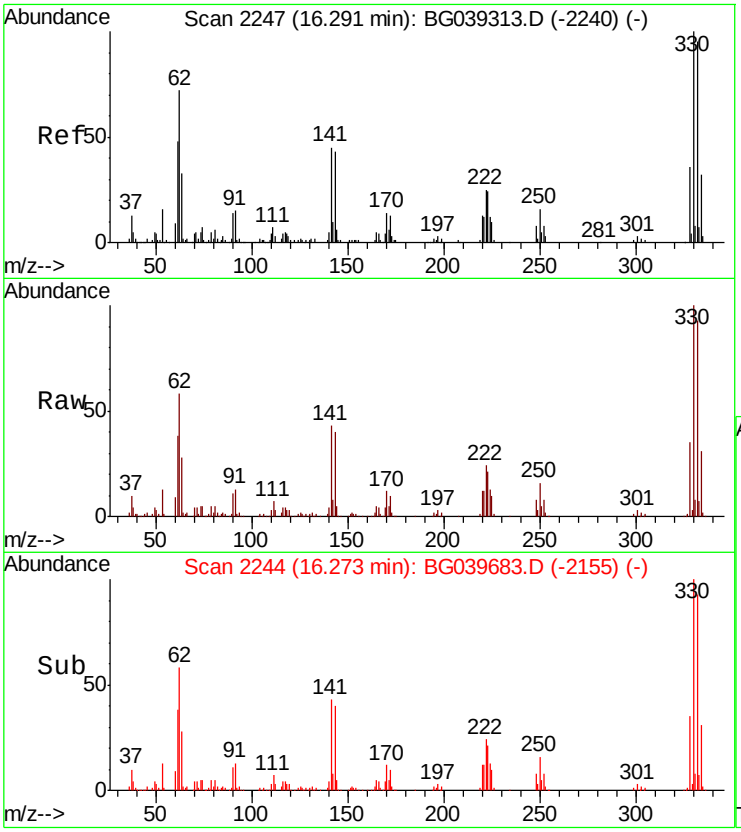


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1991
Delta R.T. -0.00 min
Lab File: BG039683.D
Acq: 1 Mar 2019 6:52

Tgt Ion:164 Resp: 146044

Ion	Ratio	Lower	Upper
164	100		
162	97.2	81.6	122.4
160	42.4	34.2	51.2



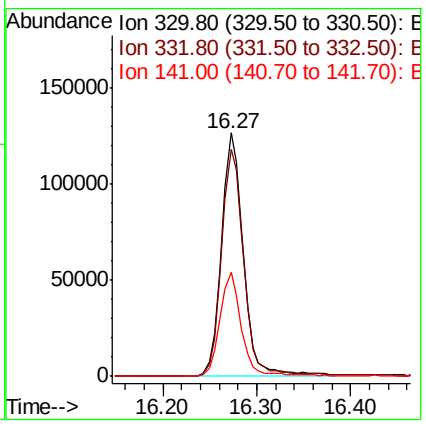


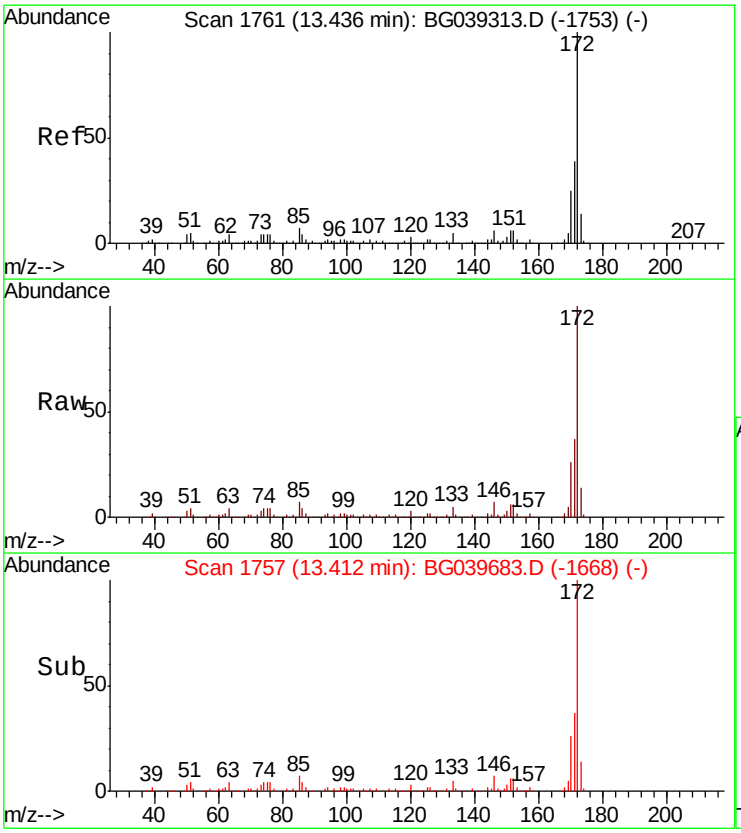
#42
2,4,6-Tribromophenol
Concen: 130.915 ng
RT: 16.27 min Scan# 2244
Delta R.T. -0.00 min
Lab File: BG039683.D
Acq: 1 Mar 2019 6:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 205883

Ion	Ratio	Lower	Upper
330	100		
332	95.0	75.7	113.5
141	41.5	35.6	53.4

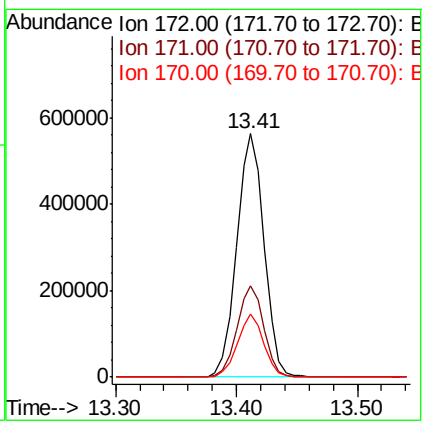


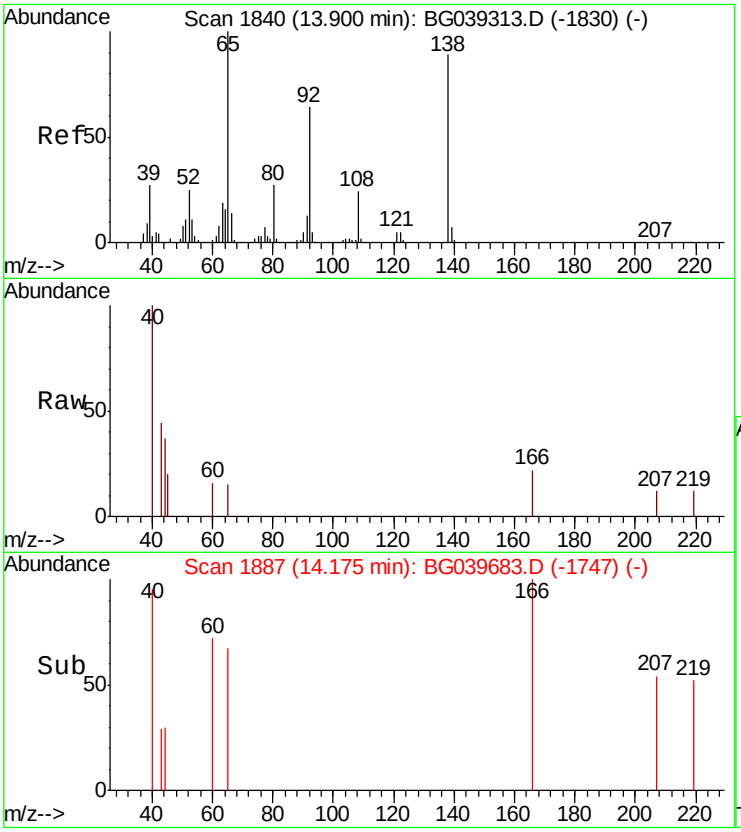


#45
2-Fluorobiphenyl
Concen: 86.983 ng
RT: 13.41 min Scan# 1757
Delta R.T. -0.00 min
Lab File: BG039683.D
Acq: 1 Mar 2019 6:52

Tgt Ion:172 Resp: 885532

Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.8	46.2
170	25.8	20.2	30.4



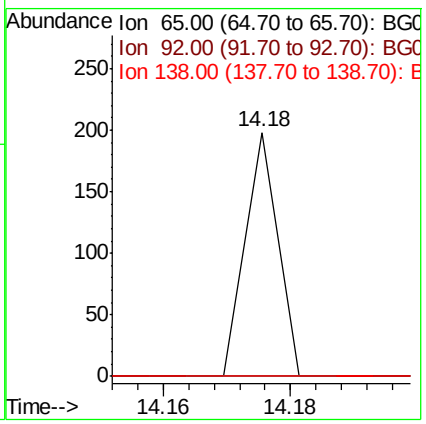


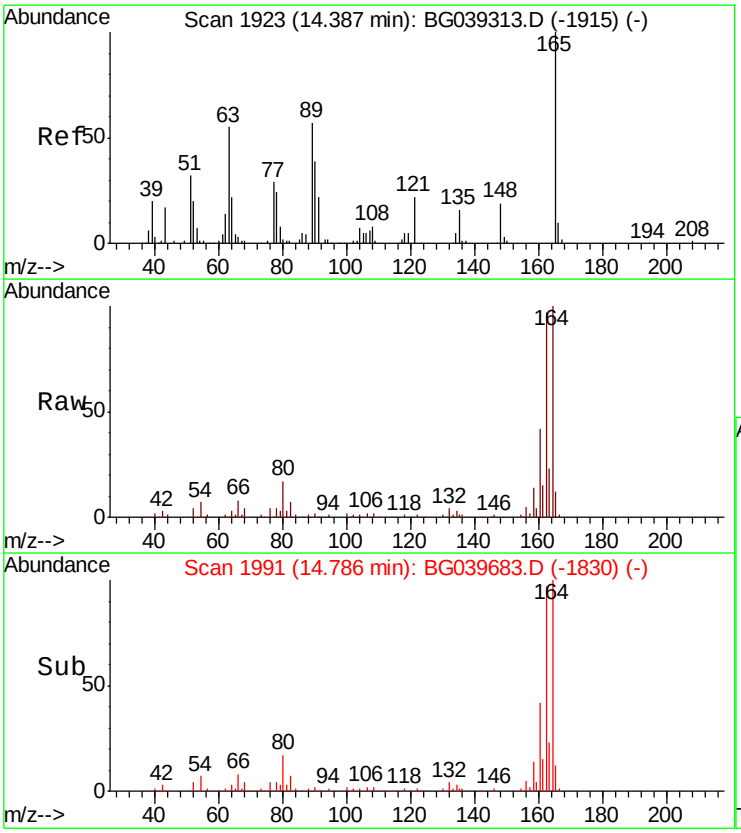
#48
2-Nitroaniline
Concen: 8.318 ng
RT: 14.18 min Scan# 1887
Delta R.T. 0.30 min
Lab File: BG039683.D
Acq: 1 Mar 2019 6:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 65 Resp: 70

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

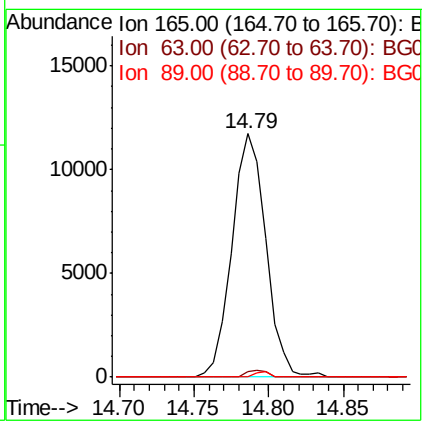


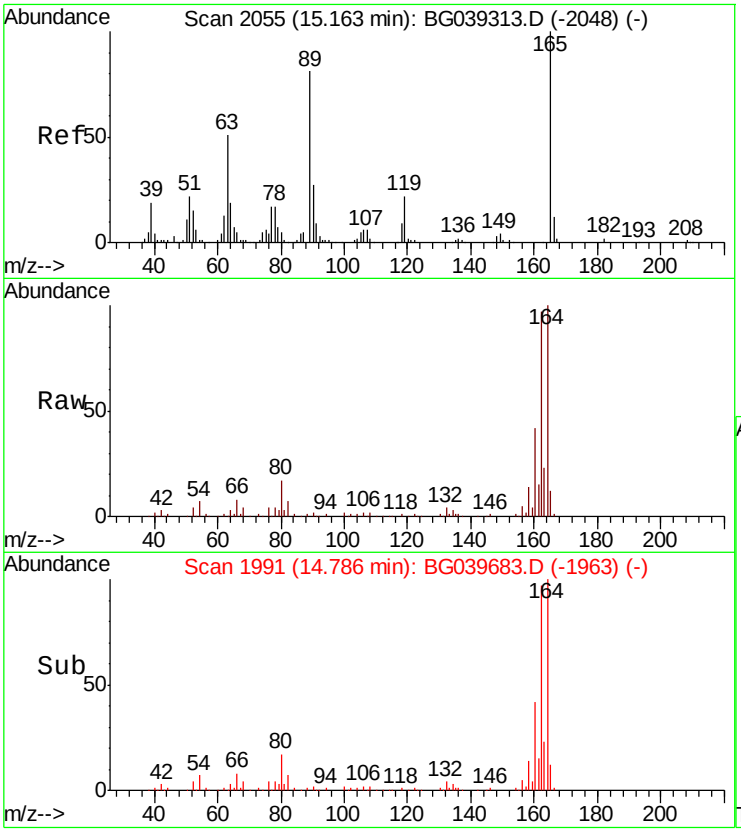


#51
2,6-Dinitrotoluene
Concen: 13.842 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.42 min
Lab File: BG039683.D
Acq: 1 Mar 2019 6:52

Tgt Ion:165 Resp: 18596

Ion	Ratio	Lower	Upper
165	100		
63	2.5	47.0	70.6#
89	0.0	45.8	68.8#



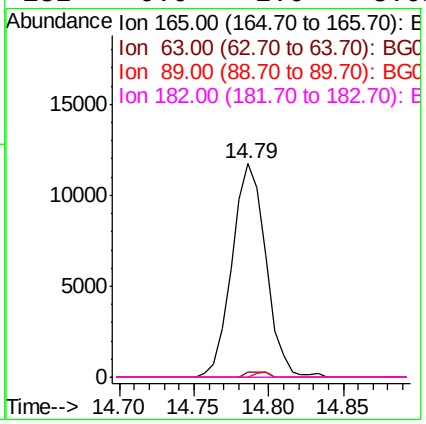


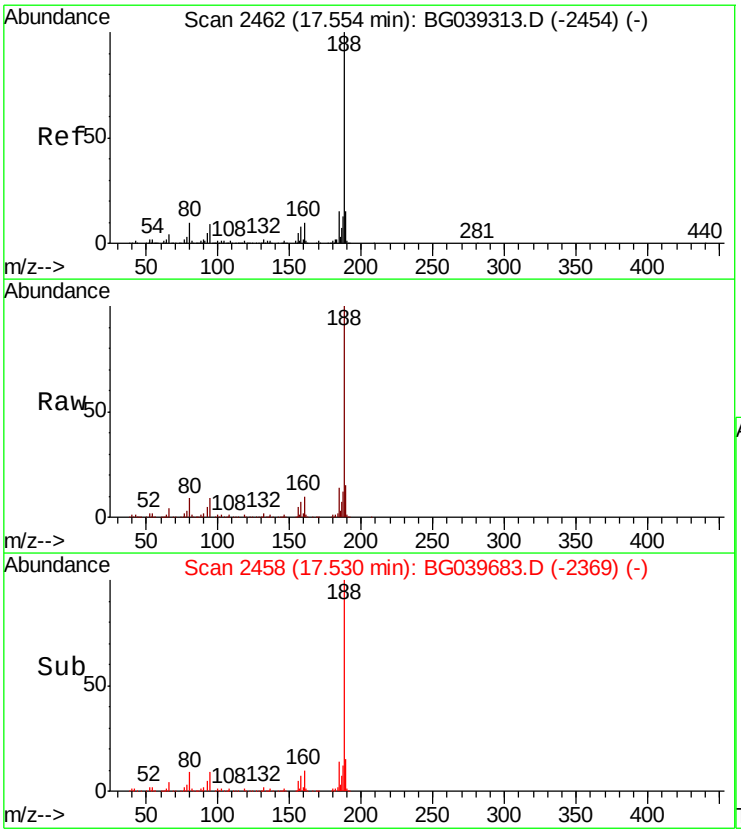
#57
2,4-Dinitrotoluene
Concen: 13.337 ng
RT: 14.79 min Scan# 1991
Delta R.T. -0.36 min
Lab File: BG039683.D
Acq: 1 Mar 2019 6:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 18596

Ion	Ratio	Lower	Upper
165	100		
63	2.5	41.0	61.6#
89	0.0	64.6	96.8#
182	0.0	2.0	3.0#

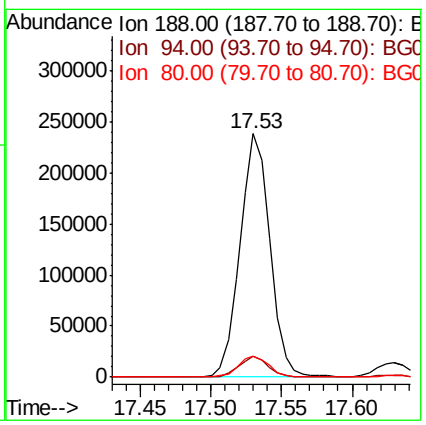


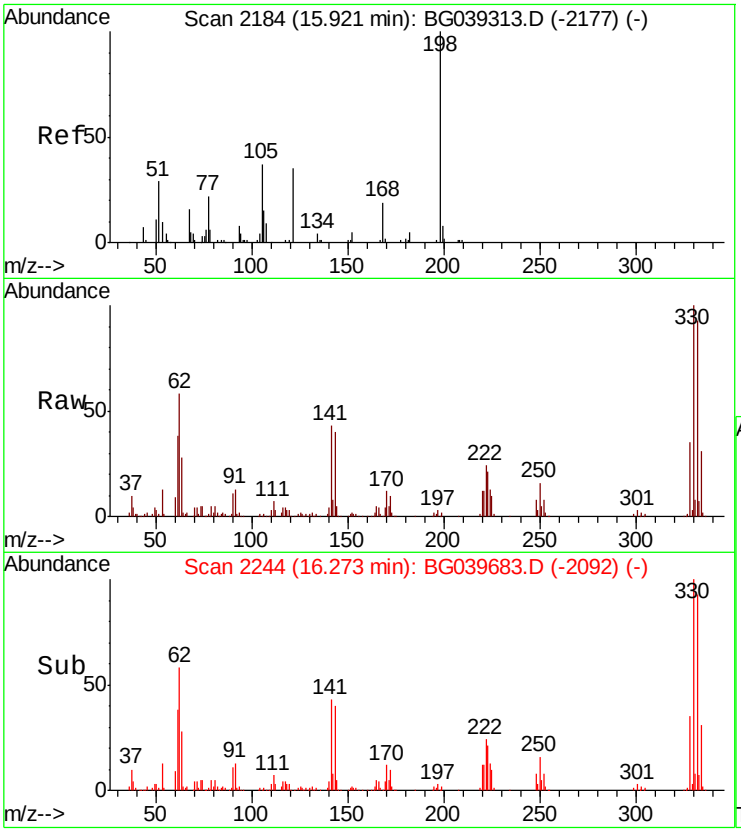


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.00 min
Lab File: BG039683.D
Acq: 1 Mar 2019 6:52

Tgt Ion:188 Resp: 353109

Ion	Ratio	Lower	Upper
188	100		
94	8.8	6.9	10.3
80	8.7	8.1	12.1



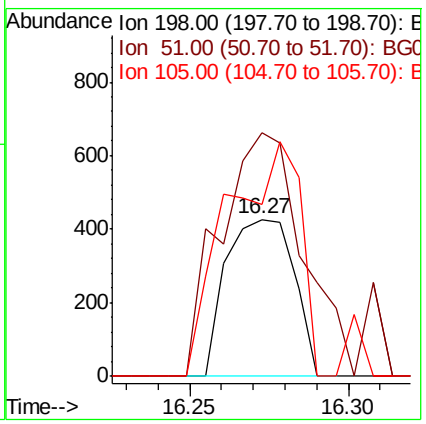


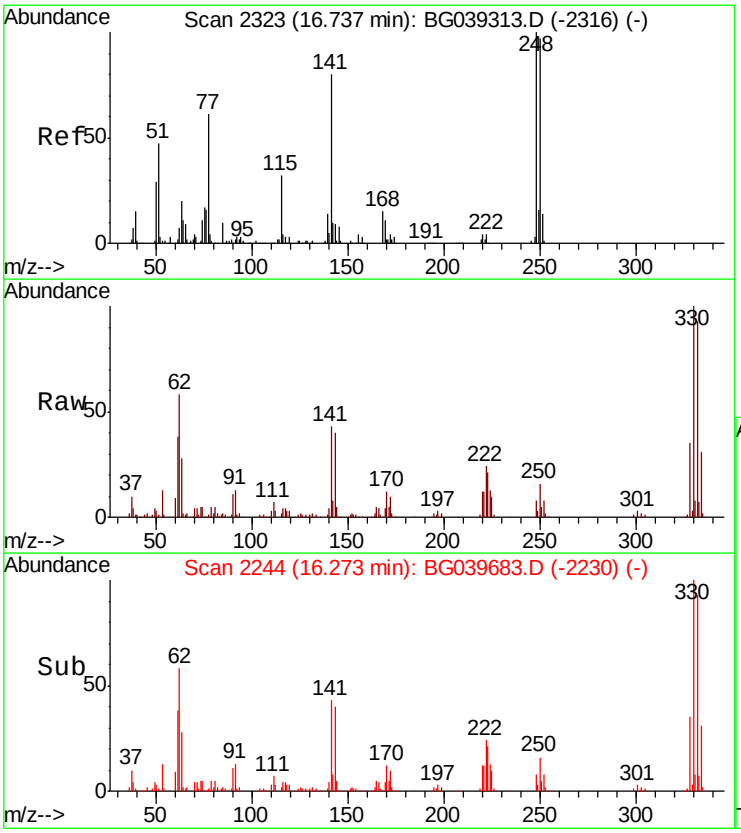
#65
4,6-Dinitro-2-methylphenol
Concen: 4.748 ng
RT: 16.27 min Scan# 2244
Delta R.T. 0.37 min
Lab File: BG039683.D
Acq: 1 Mar 2019 6:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 631

Ion	Ratio	Lower	Upper
198	100		
51	155.0	27.4	67.4#
105	109.6	19.7	59.7#

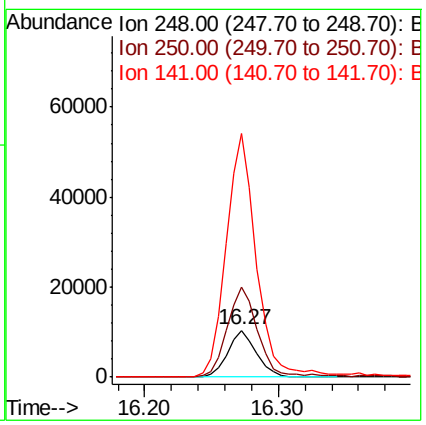


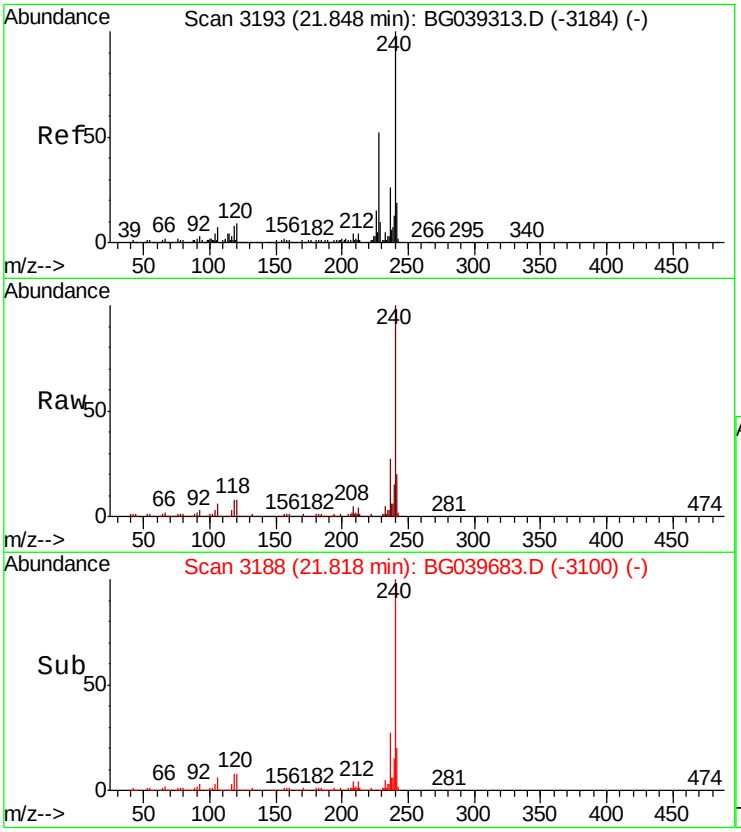


#67
4-Bromophenyl-phenylether
Concen: 3.999 ng
RT: 16.27 min Scan# 2244
Delta R.T. -0.44 min
Lab File: BG039683.D
Acq: 1 Mar 2019 6:52

Tgt Ion:248 Resp: 15667

Ion	Ratio	Lower	Upper
248	100		
250	192.8	77.6	116.4#
141	521.8	63.9	95.9#



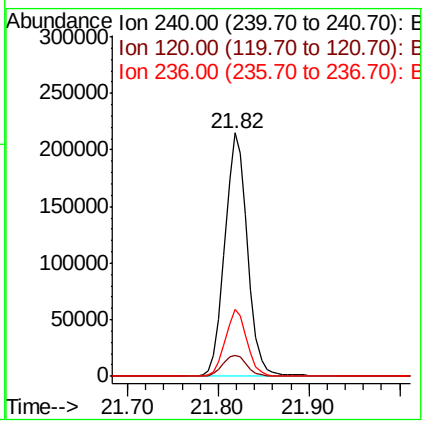


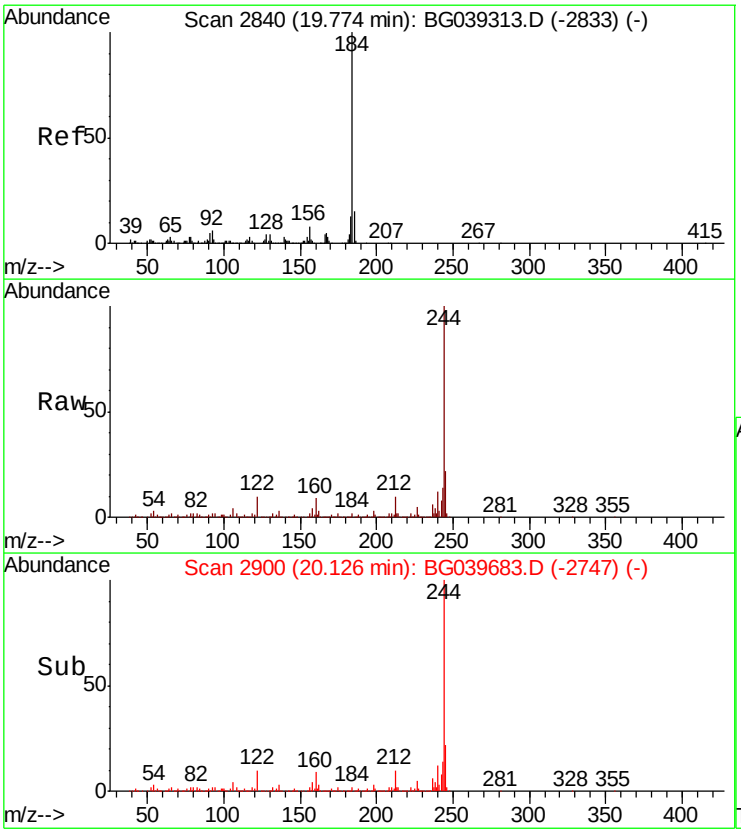
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.82 min Scan# 3188
Delta R.T. -0.01 min
Lab File: BG039683.D
Acq: 1 Mar 2019 6:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 372965

Ion	Ratio	Lower	Upper
240	100		
120	8.4	7.0	10.6
236	27.4	21.0	31.4

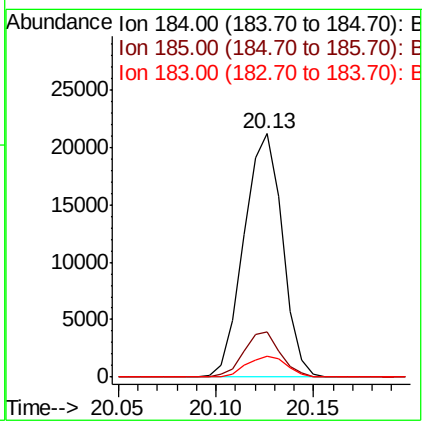


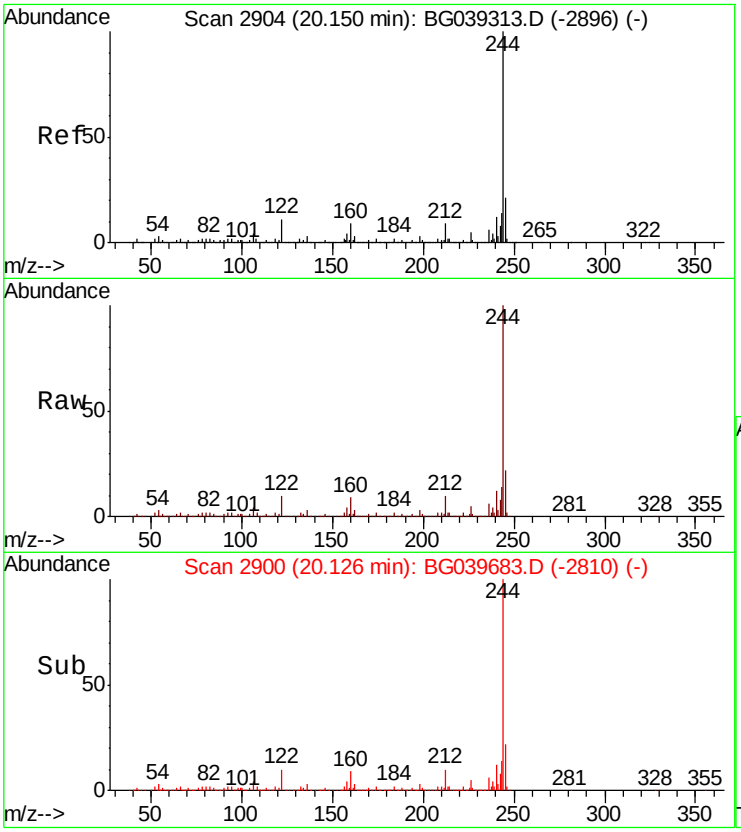


#77
Benzidine
Concen: 2.367 ng
RT: 20.13 min Scan# 2900
Delta R.T. 0.37 min
Lab File: BG039683.D
Acq: 1 Mar 2019 6:52

Tgt Ion:184 Resp: 28942

Ion	Ratio	Lower	Upper
184	100		
185	18.5	12.2	18.2#
183	8.6	10.6	15.8#



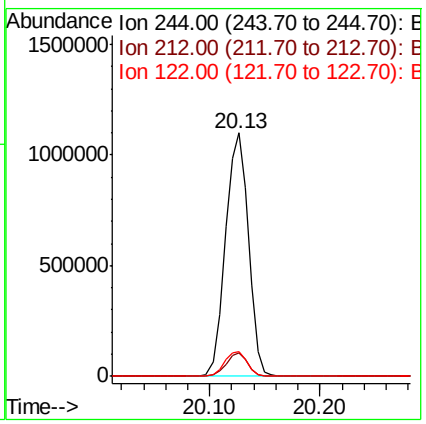


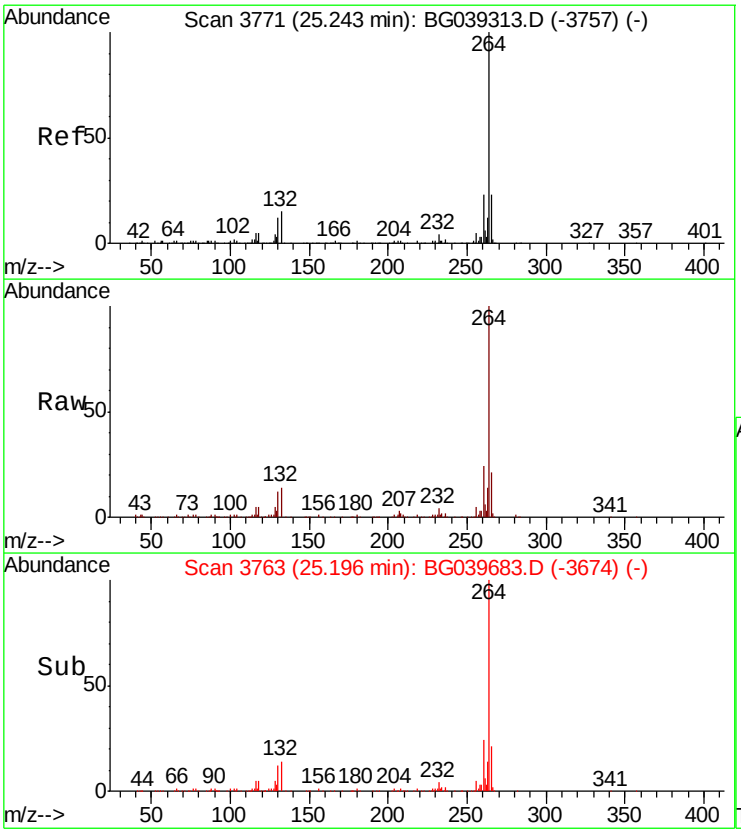
#79
Terphenyl-d14
Concen: 90.736 ng
RT: 20.13 min Scan# 2900
Delta R.T. 0.00 min
Lab File: BG039683.D
Acq: 1 Mar 2019 6:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1598786

Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.3	10.9
122	10.2	8.4	12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.20 min Scan# 3763
Delta R.T. -0.00 min
Lab File: BG039683.D
Acq: 1 Mar 2019 6:52

Tgt Ion:264 Resp: 362354

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.2	27.4
265	20.7	18.5	27.7