Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031119\
Data File : BG039852.D
Acq On : 11 Mar 2019 21:47
Operator : JU/SJ
Sample : K1837-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MR-MH-06-COMP

Quant Time: Mar 12 03:38:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	37912	20.00	ng		-0.01
21) Naphthalene-d8	10.98	136	164390	20.00	ng		-0.01
39) Acenaphthene-d10	14.78	164	116011	20.00	ng		-0.01
64) Phenanthrene-d10	17.53	188	294888	20.00	ng		0.00
76) Chrysene-d12	21.81	240	300952	20.00	ng		-0.02
87) Perylene-d12	25.18	264	303501	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	343904	154.75	ng		0.00
7) Phenol-d6	7.30	99	509026	153.62	ng		-0.01
23) Nitrobenzene-d5	9.33	82	294941	97.04	ng		-0.01
42) 2,4,6-Tribromophenol	16.27	330	204127	150.96	ng		0.00
45) 2-Fluorobiphenyl	13.40	172	632361	77.61	ng		-0.01
79) Terphenyl-d14	20.12	244	1120006	81.94	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.33	94	14608	4.070	ng		99
19) n-Nitroso-di-n-propylamine	9.33	70	38677	16.217	ng	#	64
50) Dimethylphthalate	14.22	163	53035	5.467	ng		99
57) 2,4-Dinitrotoluene	14.78	165	15126	5.235	ng	#	18
67) 4-Bromophenyl-phenylether	16.26	248	15435	4.676	ng	#	1
77) Benzidine	20.12	184	19527	2.045	ng	#	93

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

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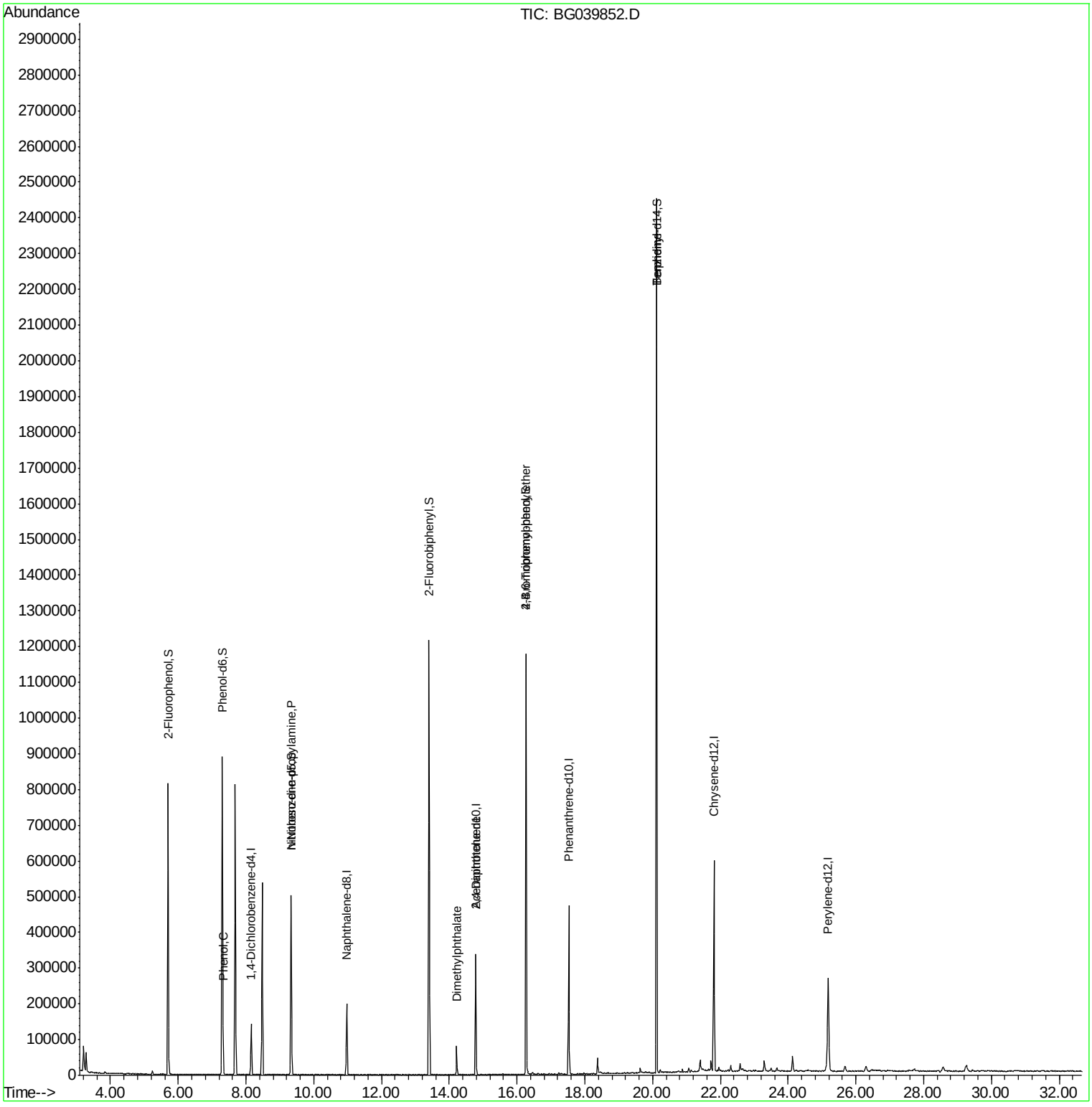
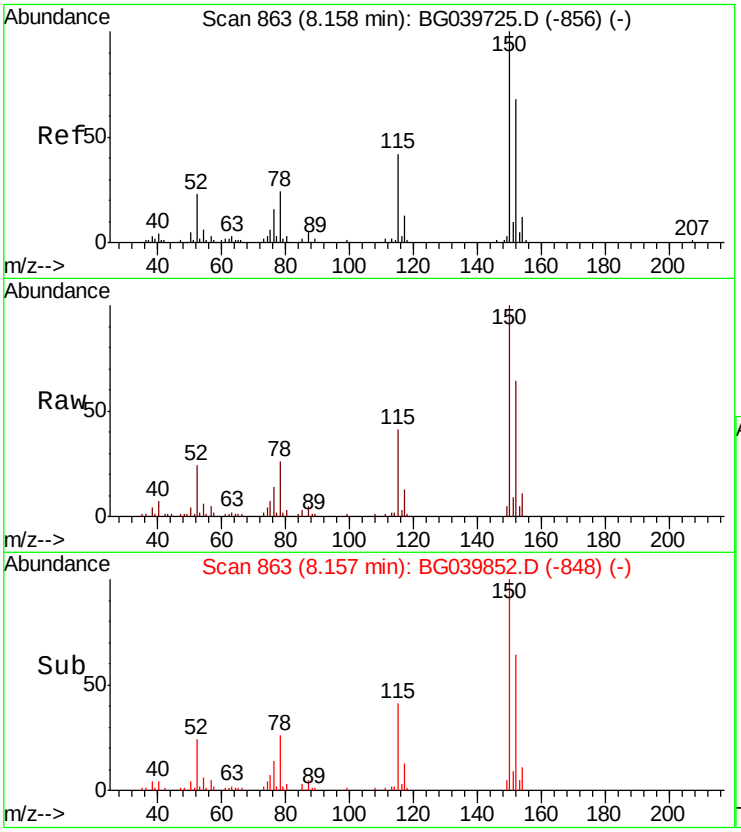


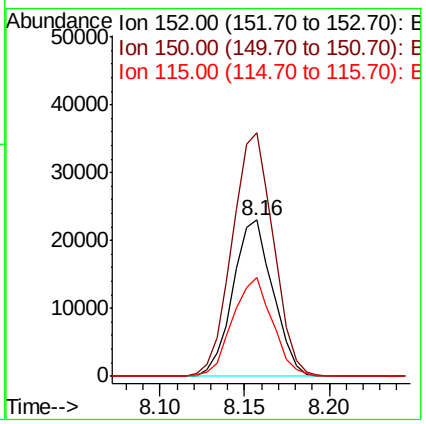


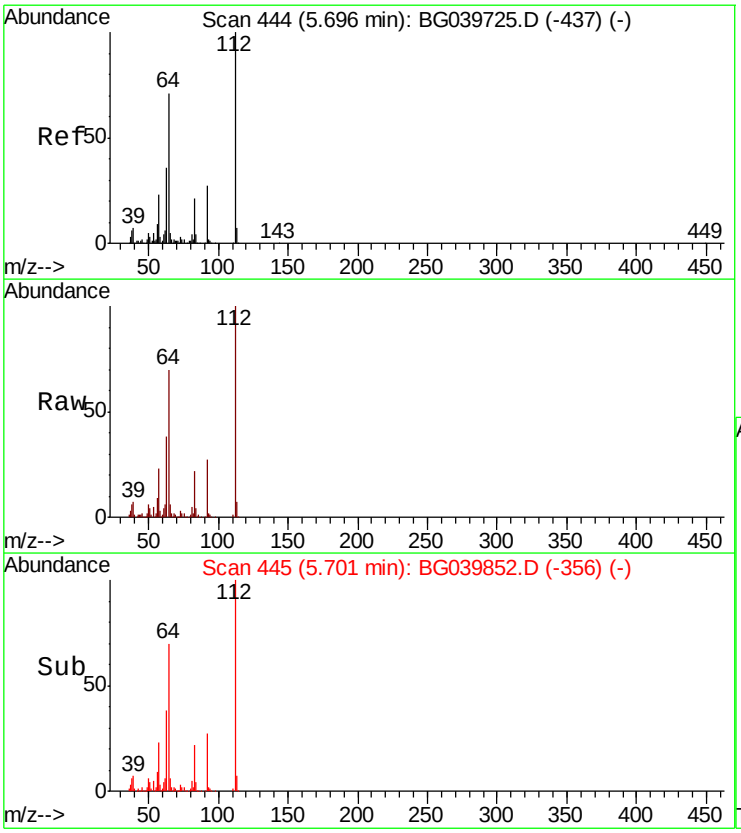
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BG039852.D
Acq: 11 Mar 2019 21:47

Instrument :
BNA_G
ClientSampleId :
MR-MH-06-COMP

Tgt Ion:152 Resp: 37912

Ion	Ratio	Lower	Upper
152	100		
150	155.8	123.7	185.5
115	63.6	45.9	68.9

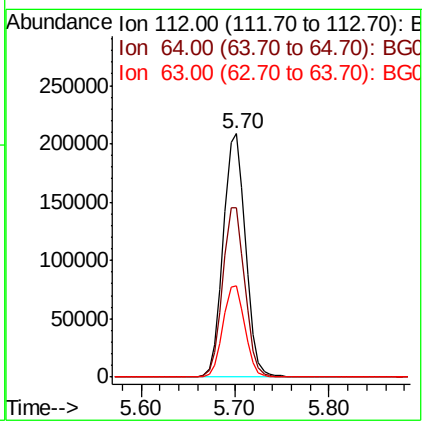


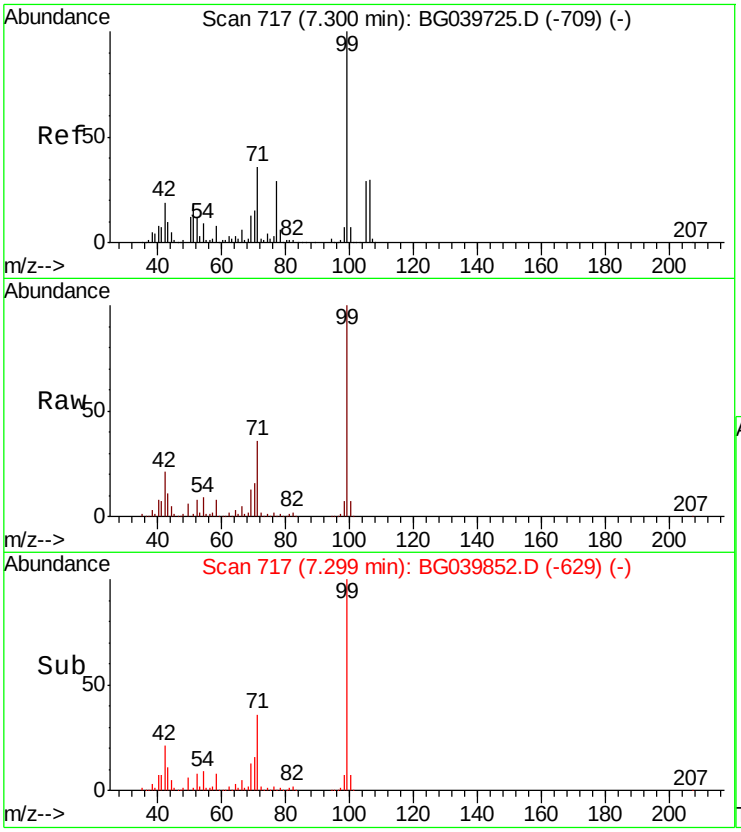


#5
2-Fluorophenol
Concen: 154.754 ng
RT: 5.70 min Scan# 445
Delta R.T. -0.01 min
Lab File: BG039852.D
Acq: 11 Mar 2019 21:47

Tgt Ion:112 Resp: 343904

Ion	Ratio	Lower	Upper
112	100		
64	69.7	57.8	86.8
63	37.5	29.8	44.6



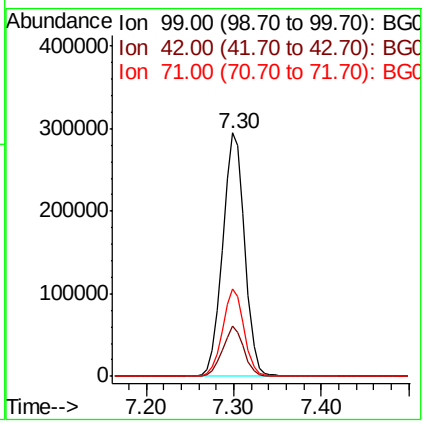


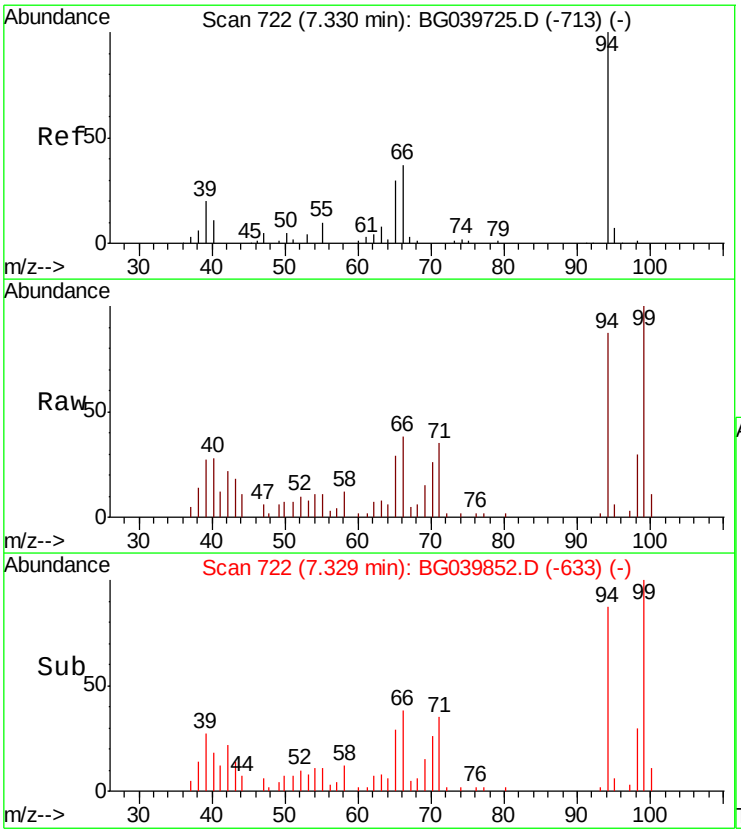
#7
Phenol-d6
Concen: 153.621 ng
RT: 7.30 min Scan# 717
Delta R.T. -0.01 min
Lab File: BG039852.D
Acq: 11 Mar 2019 21:47

Instrument :
BNA_G
ClientSampleId :
MR-MH-06-COMP

Tgt Ion: 99 Resp: 509026

Ion	Ratio	Lower	Upper
99	100		
42	20.6	18.2	27.2
71	35.8	28.0	42.0

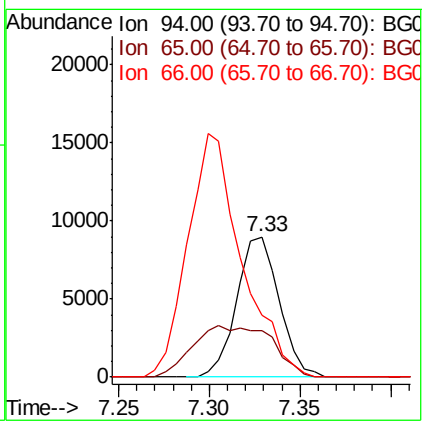


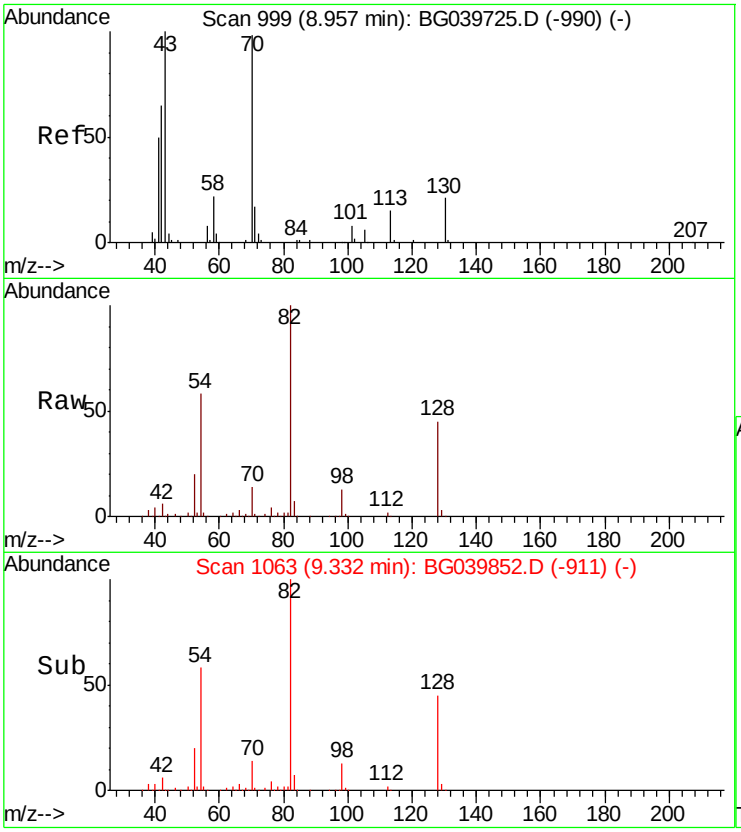


#10
Phenol
Concen: 4.070 ng
RT: 7.33 min Scan# 722
Delta R.T. -0.01 min
Lab File: BG039852.D
Acq: 11 Mar 2019 21:47

Tgt Ion: 94 Resp: 14608

Ion	Ratio	Lower	Upper
94	100		
65	33.4	11.7	51.7
66	43.8	23.7	63.7



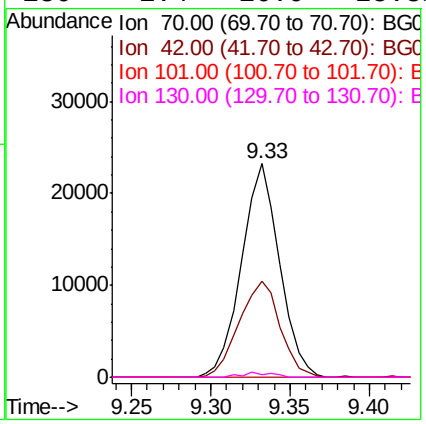


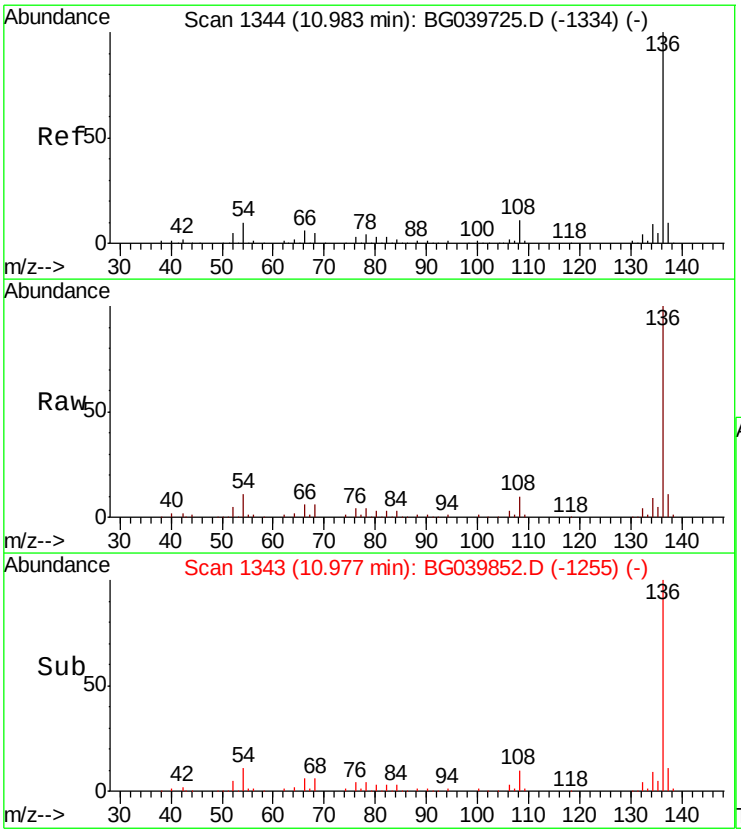
#19
n-Nitroso-di-n-propylamine
Concen: 16.217 ng
RT: 9.33 min Scan# 1063
Delta R.T. 0.36 min
Lab File: BG039852.D
Acq: 11 Mar 2019 21:47

Instrument :
BNA_G
ClientSampleId :
MR-MH-06-COMP

Tgt Ion: 70 Resp: 38677

Ion	Ratio	Lower	Upper
70	100		
42	45.1	60.4	90.6#
101	0.0	7.5	11.3#
130	1.4	16.9	25.3#

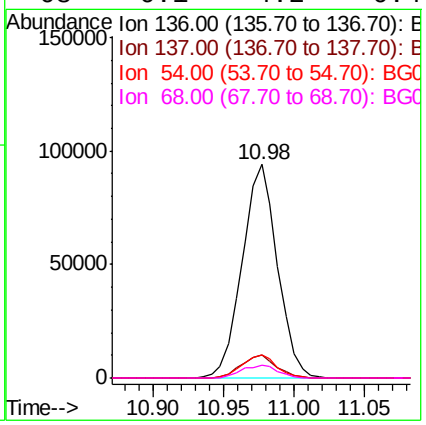


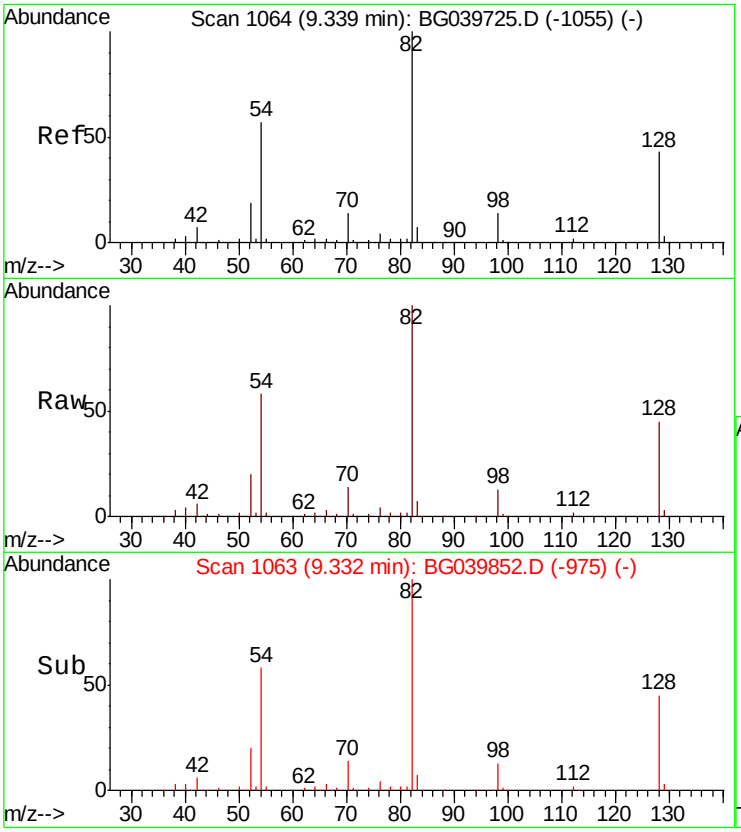


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG039852.D
Acq: 11 Mar 2019 21:47

Tgt Ion:136 Resp: 164390

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	10.6	9.4	14.2
68	6.1	4.2	6.4



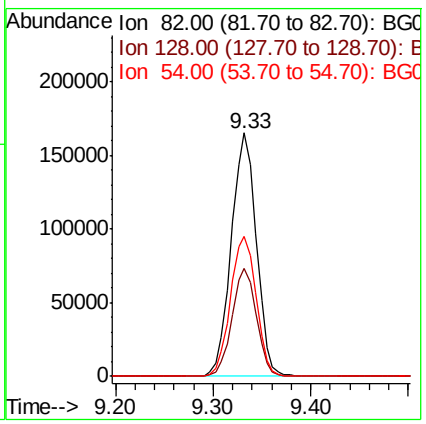


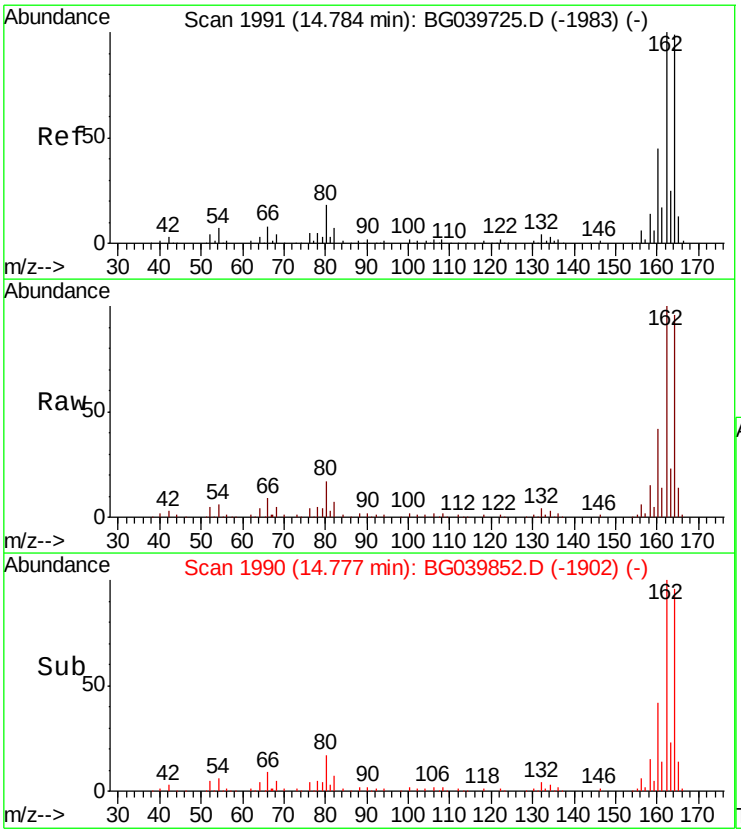
#23
Nitrobenzene-d5
Concen: 97.035 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG039852.D
Acq: 11 Mar 2019 21:47

Instrument :
BNA_G
ClientSampleId :
MR-MH-06-COMP

Tgt Ion: 82 Resp: 294941

Ion	Ratio	Lower	Upper
82	100		
128	44.6	31.3	46.9
54	57.6	50.9	76.3

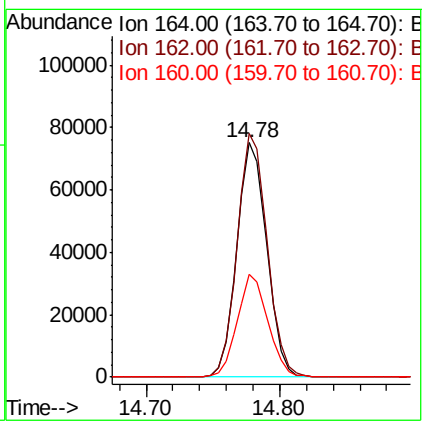


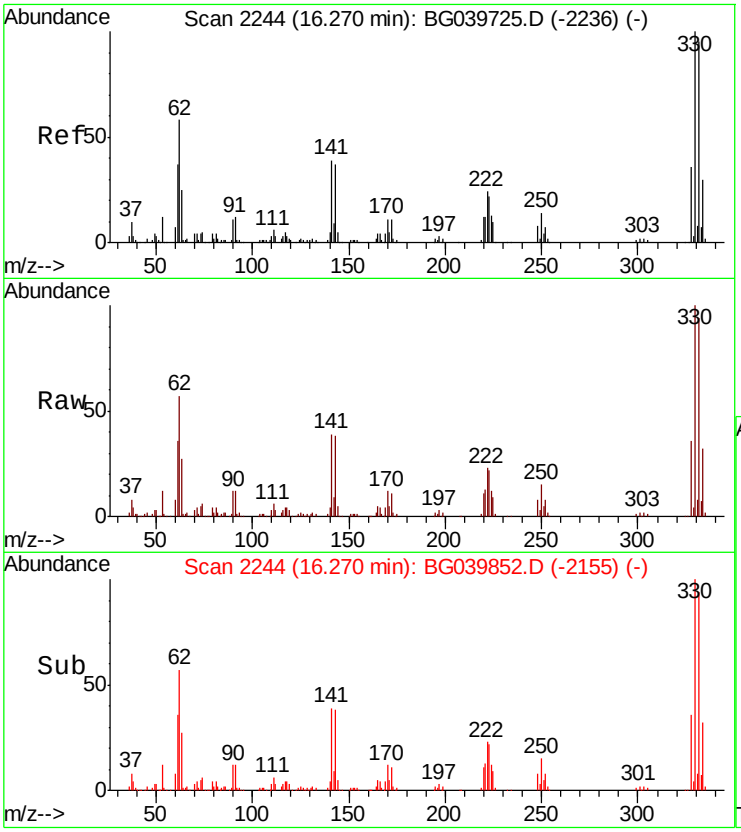


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BG039852.D
Acq: 11 Mar 2019 21:47

Tgt Ion:164 Resp: 116011

Ion	Ratio	Lower	Upper
164	100		
162	103.8	81.6	122.4
160	44.0	34.2	51.2



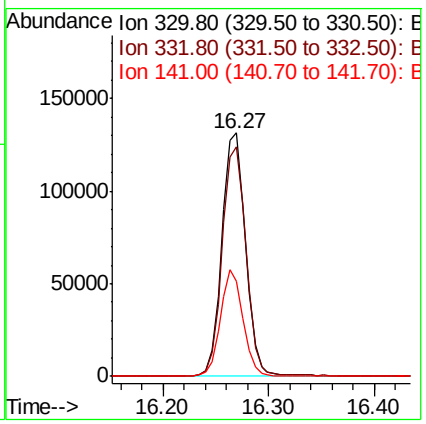


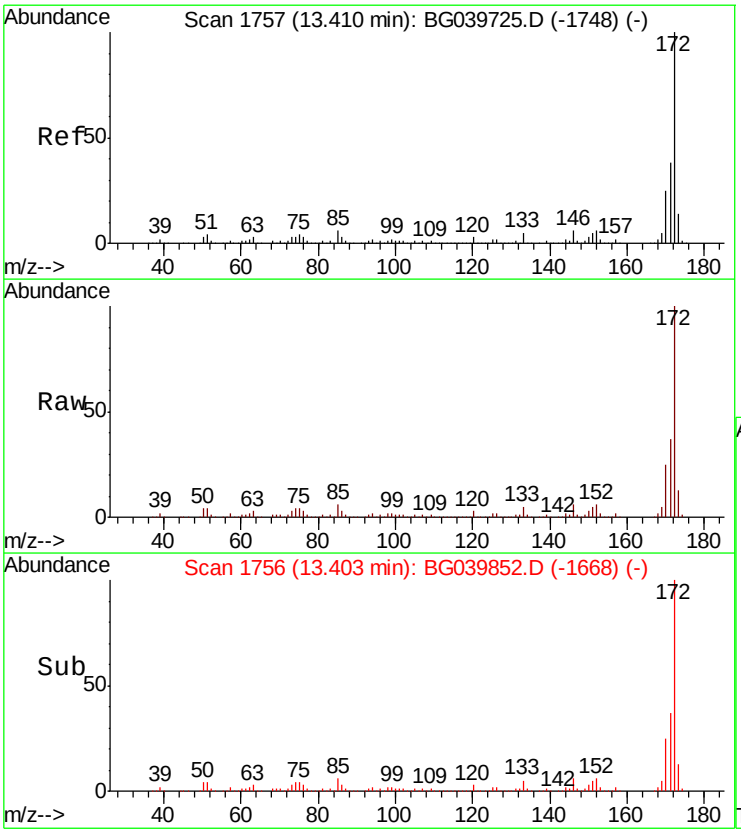
#42
2,4,6-Tribromophenol
Concen: 150.960 ng
RT: 16.27 min Scan# 2244
Delta R.T. -0.01 min
Lab File: BG039852.D
Acq: 11 Mar 2019 21:47

Instrument :
BNA_G
ClientSampleId :
MR-MH-06-COMP

Tgt Ion:330 Resp: 204127

Ion	Ratio	Lower	Upper
330	100		
332	95.0	75.7	113.5
141	42.0	35.6	53.4

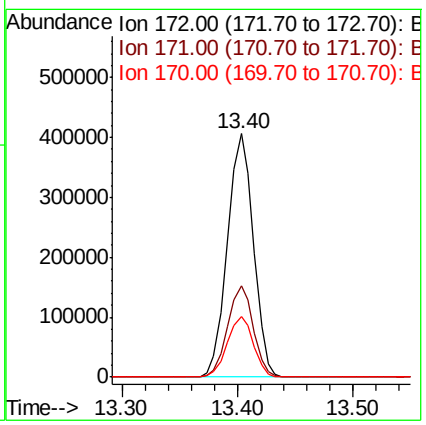


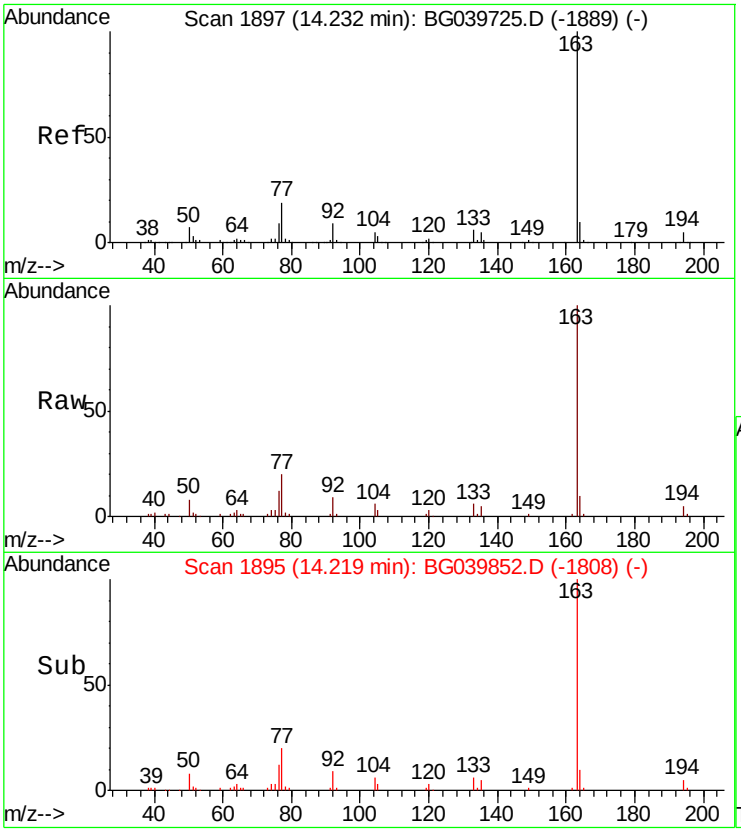


#45
2-Fluorobiphenyl
Concen: 77.611 ng
RT: 13.40 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BG039852.D
Acq: 11 Mar 2019 21:47

Tgt Ion:172 Resp: 632361

Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.8	46.2
170	25.1	20.2	30.4



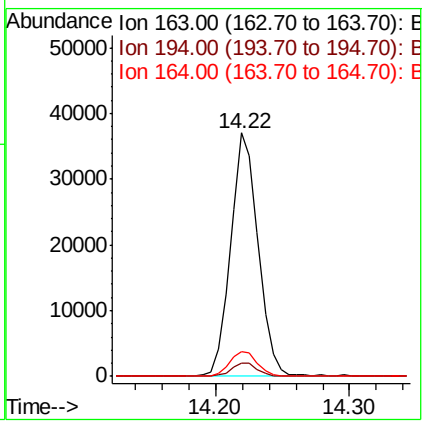


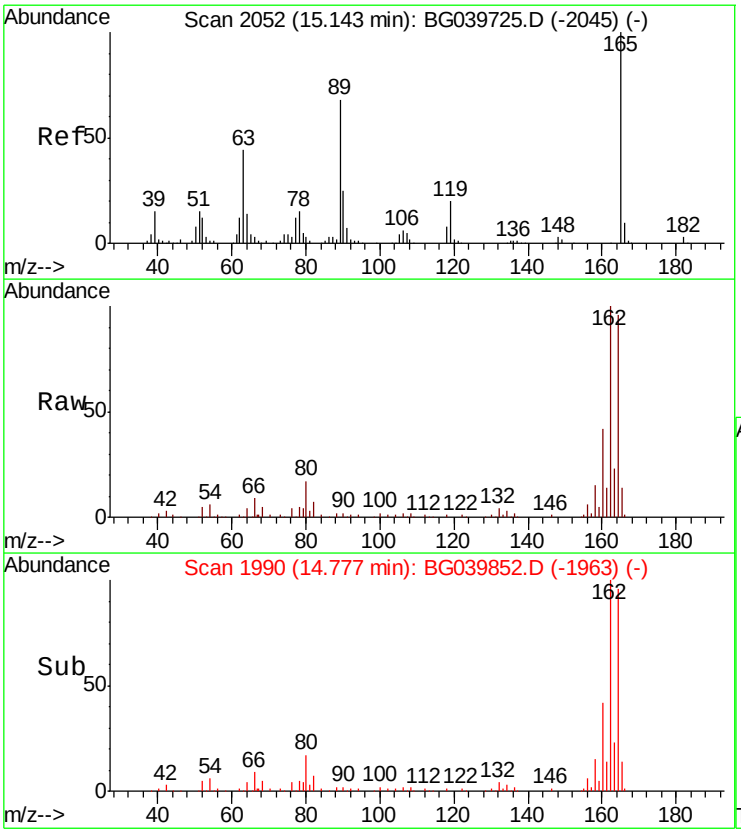
#50
Dimethylphthalate
Concen: 5.467 ng
RT: 14.22 min Scan# 1895
Delta R.T. -0.02 min
Lab File: BG039852.D
Acq: 11 Mar 2019 21:47

Instrument :
BNA_G
ClientSampleId :
MR-MH-06-COMP

Tgt Ion:163 Resp: 53035

Ion	Ratio	Lower	Upper
163	100		
194	5.3	3.6	5.4
164	10.3	8.4	12.6

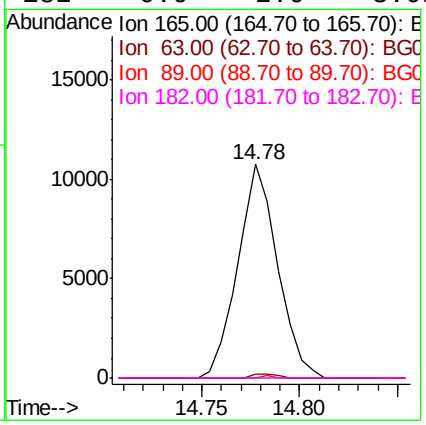


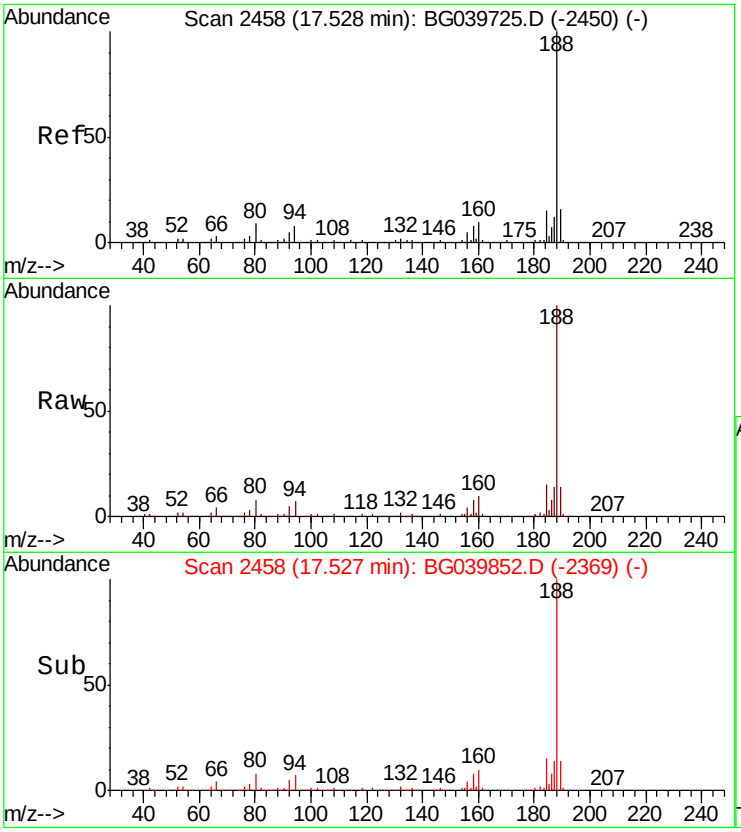


#57
2,4-Dinitrotoluene
Concen: 5.235 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.37 min
Lab File: BG039852.D
Acq: 11 Mar 2019 21:47

Tgt Ion:165 Resp: 15126

Ion	Ratio	Lower	Upper
165	100		
63	1.5	41.0	61.6#
89	0.0	64.6	96.8#
182	0.0	2.0	3.0#



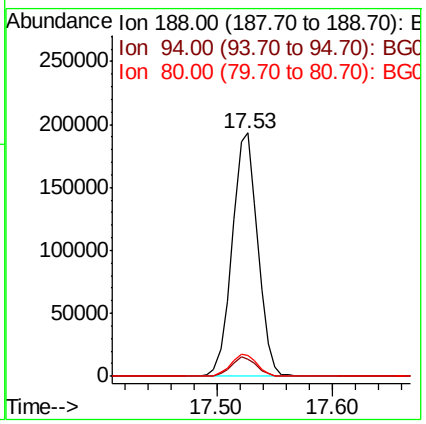


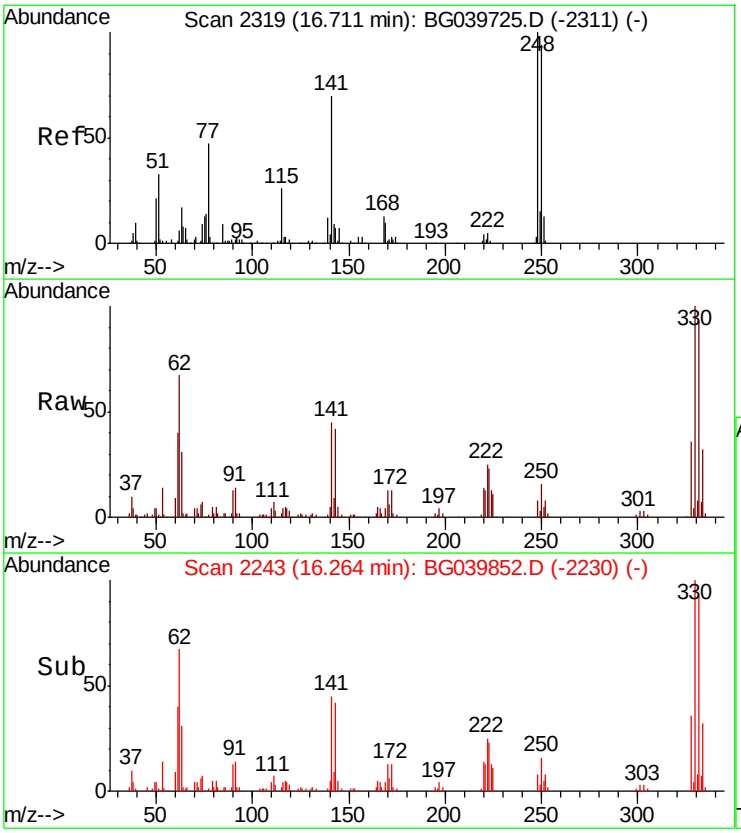
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BG039852.D
Acq: 11 Mar 2019 21:47

Instrument :
BNA_G
ClientSampleId :
MR-MH-06-COMP

Tgt Ion:188 Resp: 294888

Ion	Ratio	Lower	Upper
188	100		
94	7.2	6.9	10.3
80	8.4	8.1	12.1

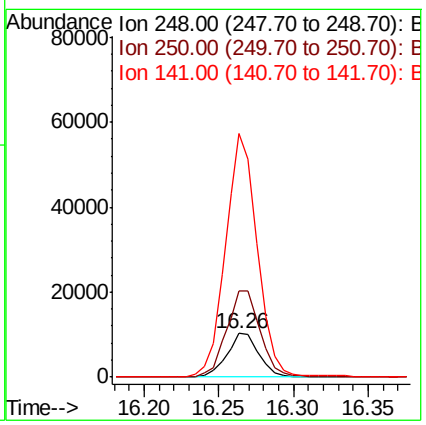


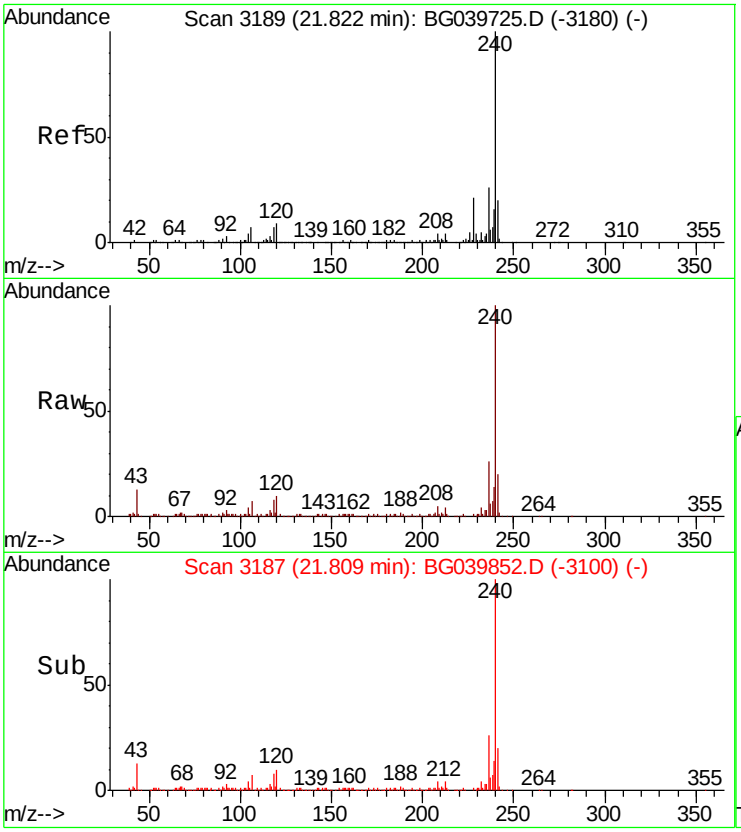


#67
4-Bromophenyl-phenylether
Concen: 4.676 ng
RT: 16.26 min Scan# 2243
Delta R.T. -0.45 min
Lab File: BG039852.D
Acq: 11 Mar 2019 21:47

Tgt Ion:248 Resp: 15435

Ion	Ratio	Lower	Upper
248	100		
250	195.3	77.6	116.4#
141	555.7	63.9	95.9#



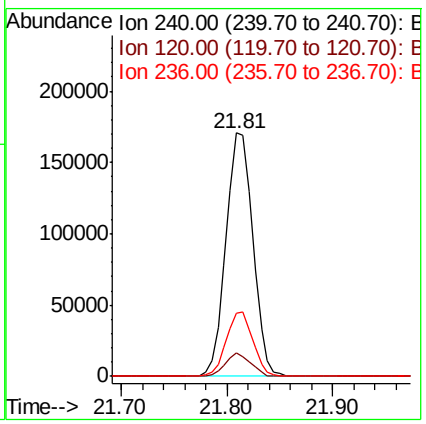


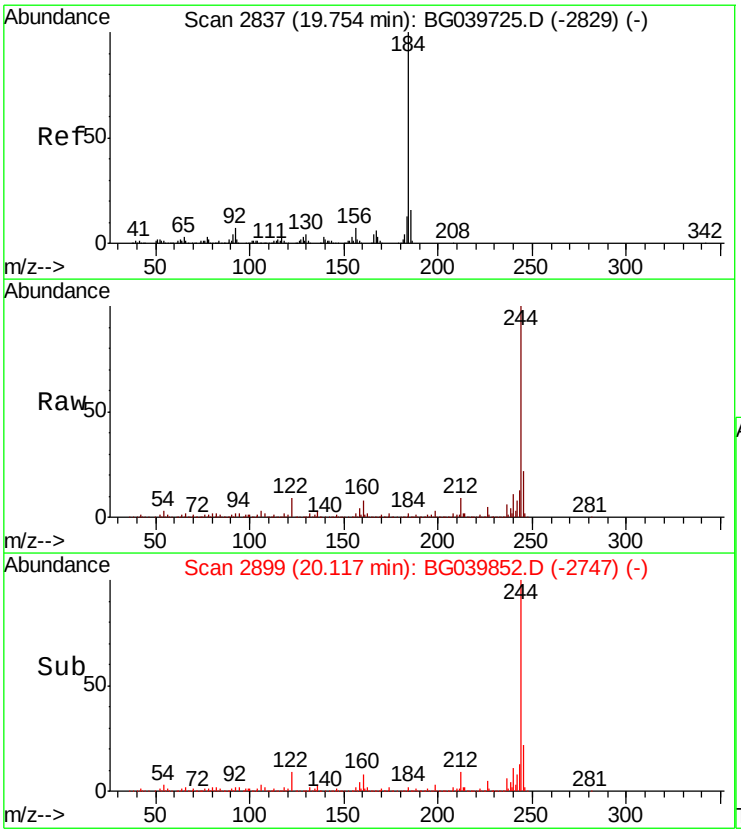
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.81 min Scan# 3187
Delta R.T. -0.02 min
Lab File: BG039852.D
Acq: 11 Mar 2019 21:47

Instrument :
BNA_G
ClientSampleId :
MR-MH-06-COMP

Tgt Ion:240 Resp: 300952

Ion	Ratio	Lower	Upper
240	100		
120	9.8	7.0	10.6
236	26.1	21.0	31.4

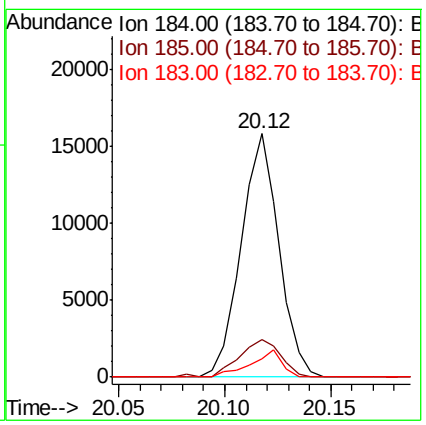


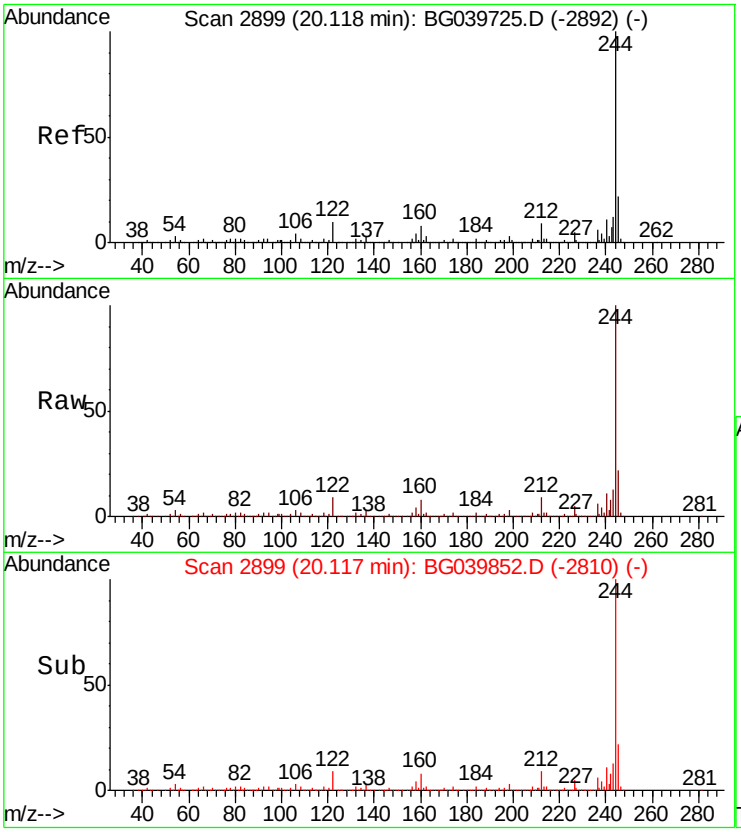


#77
Benzidine
Concen: 2.045 ng
RT: 20.12 min Scan# 2899
Delta R.T. 0.36 min
Lab File: BG039852.D
Acq: 11 Mar 2019 21:47

Tgt Ion:184 Resp: 19527

Ion	Ratio	Lower	Upper
184	100		
185	15.5	12.2	18.2
183	7.4	10.6	15.8#



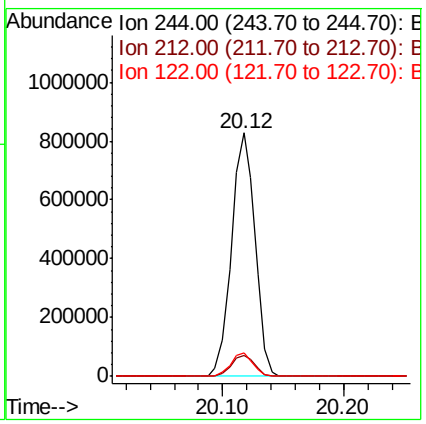


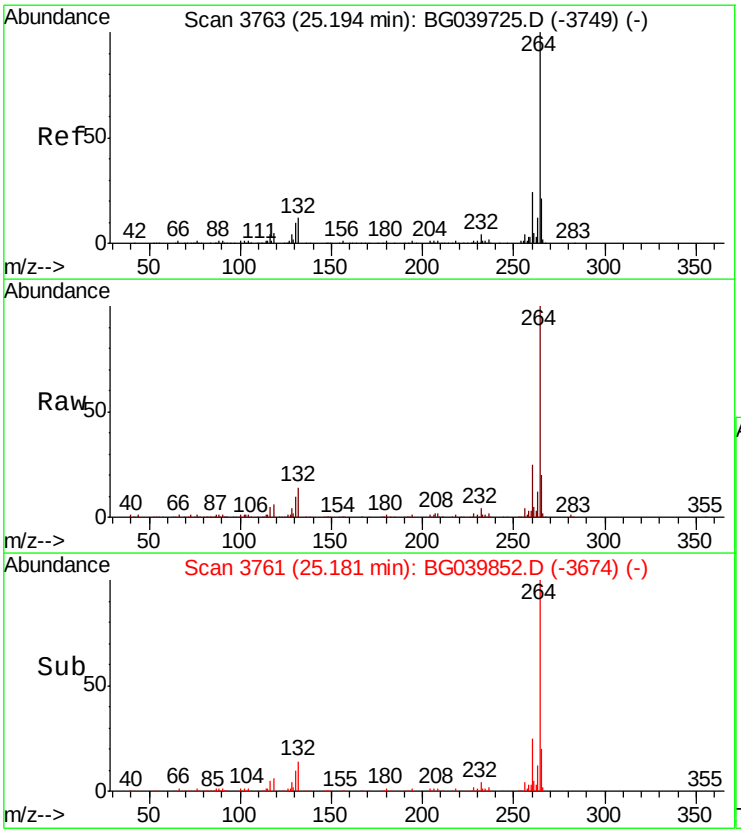
#79
Terphenyl-d14
Concen: 81.941 ng
RT: 20.12 min Scan# 2899
Delta R.T. -0.01 min
Lab File: BG039852.D
Acq: 11 Mar 2019 21:47

Instrument :
BNA_G
ClientSampleId :
MR-MH-06-COMP

Tgt Ion:244 Resp: 1120006

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.3	10.9
122	9.5	8.4	12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.18 min Scan# 3761
Delta R.T. -0.02 min
Lab File: BG039852.D
Acq: 11 Mar 2019 21:47

Tgt Ion:264 Resp: 303501

Ion	Ratio	Lower	Upper
264	100		
260	25.0	18.2	27.4
265	20.4	18.5	27.7