Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030419\
Data File : BG039759.D
Acq On : 5 Mar 2019 10:10
Operator : JU/SJ
Sample : K1688-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JC-03-030119-A

Quant Time: Mar 05 11:08:24 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	47734	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	198932	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	140347	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	353930	20.00	ng	0.00
76) Chrysene-d12	21.82	240	368975	20.00	ng	-0.01
87) Perylene-d12	25.19	264	375744	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	382358	136.65	ng	0.00
7) Phenol-d6	7.30	99	507623	121.67	ng	-0.01
23) Nitrobenzene-d5	9.33	82	363992	98.96	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	249304	152.40	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	891764	90.47	ng	-0.01
79) Terphenyl-d14	20.12	244	1555619	92.83	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.33	70	48273	16.076	ng	# 72
32) Benzoic acid	10.44	122	200	6.685	ng	# 1
51) 2,6-Dinitrotoluene	14.78	165	17401	6.994	ng	# 26
57) 2,4-Dinitrotoluene	14.78	165	17401	4.978	ng	# 21
67) 4-Bromophenyl-phenylether	16.26	248	20804	5.251	ng	# 1
77) Benzidine	20.12	184	28071	2.397	ng	# 95

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

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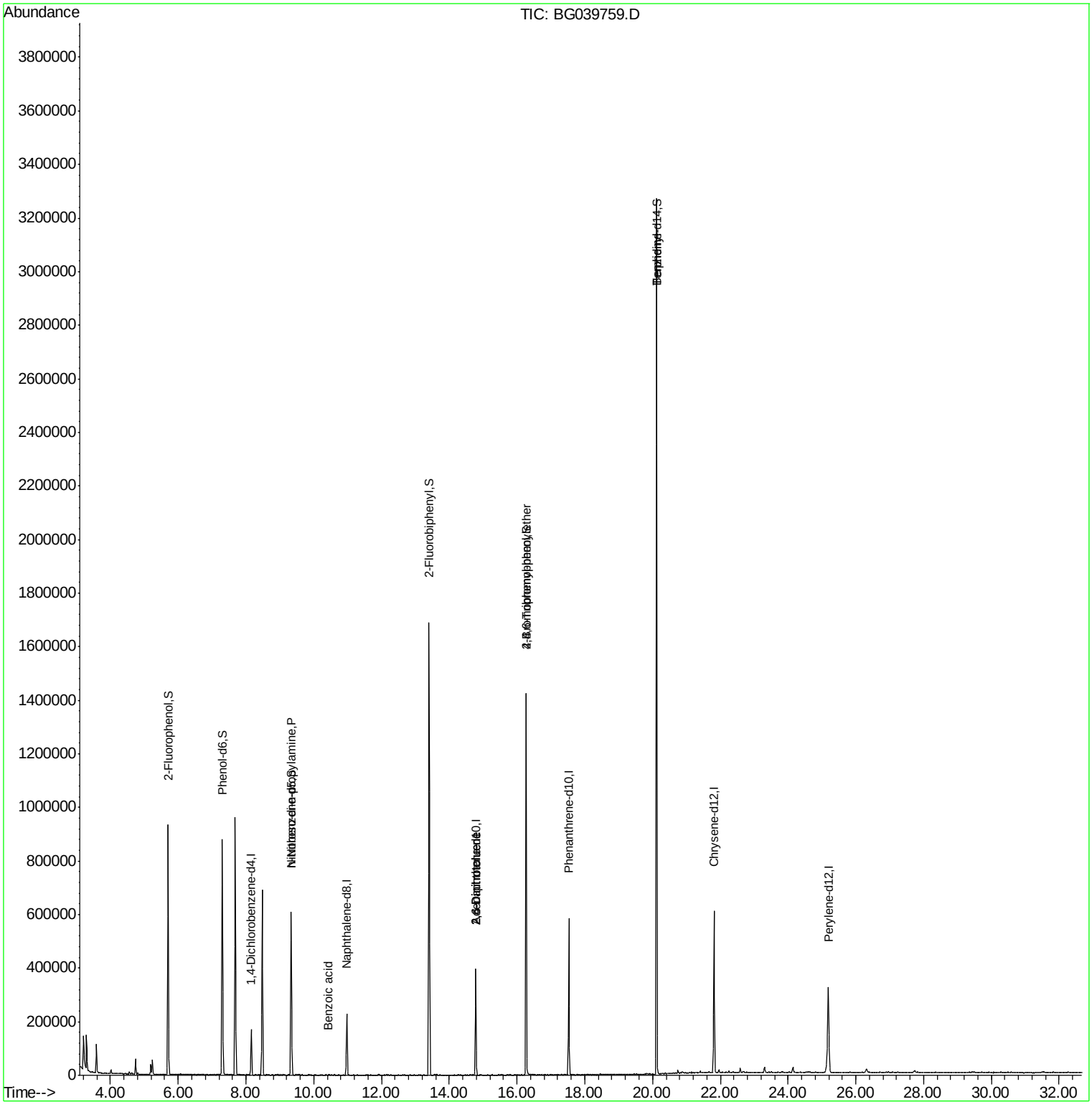
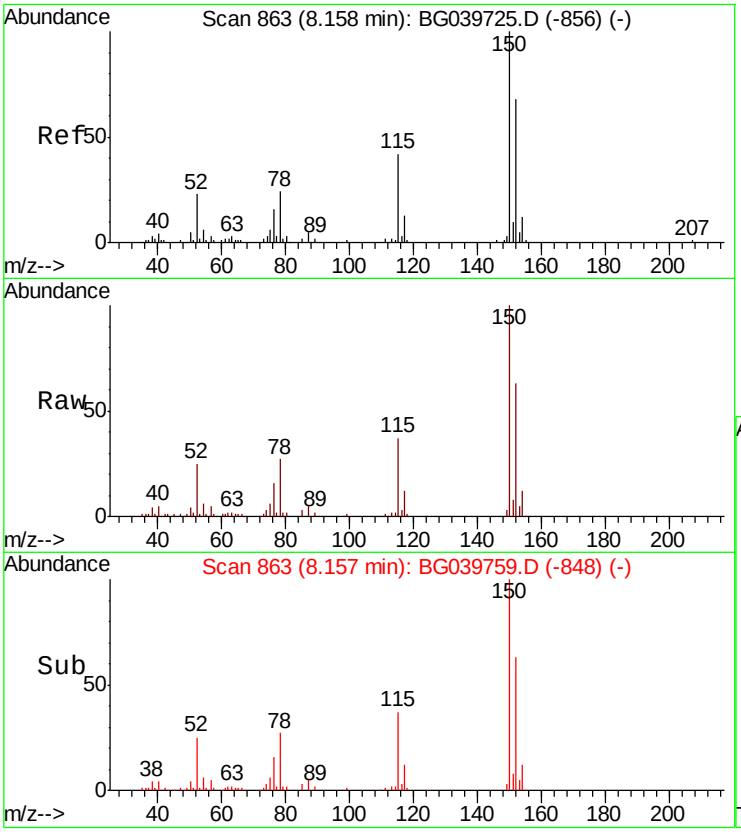


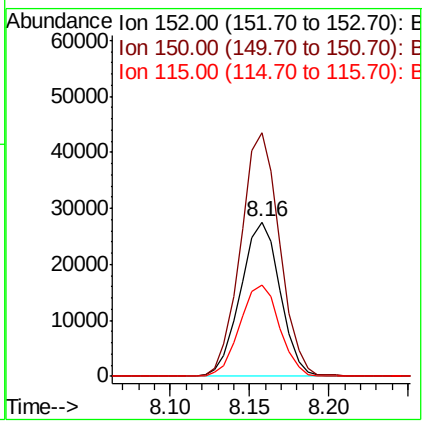


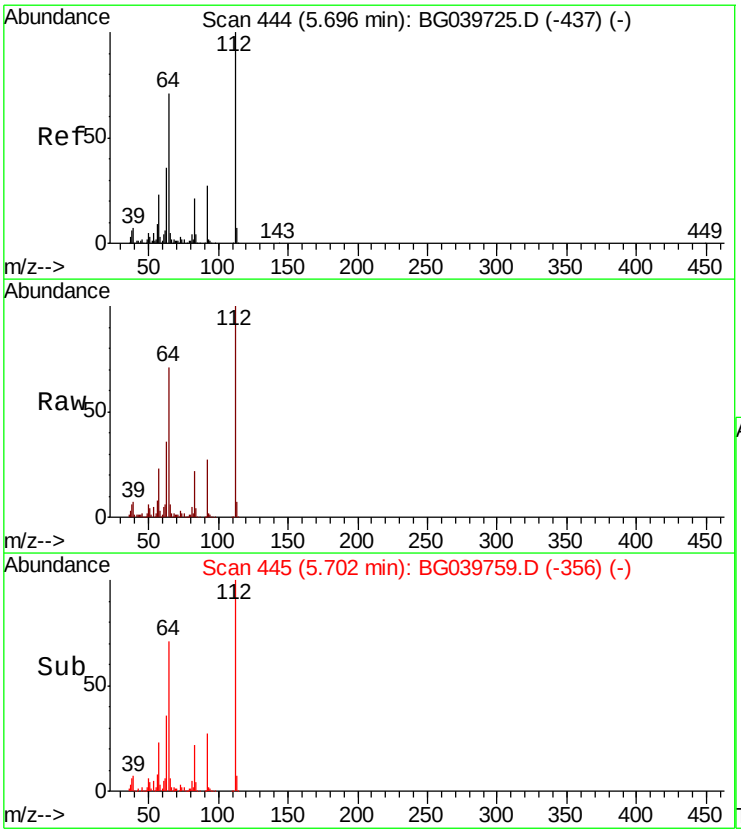
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BG039759.D
Acq: 5 Mar 2019 10:10

Instrument :
BNA_G
ClientSampleId :
JC-03-030119-A

Tgt Ion:152 Resp: 47734

Ion	Ratio	Lower	Upper
152	100		
150	157.9	123.7	185.5
115	59.1	45.9	68.9

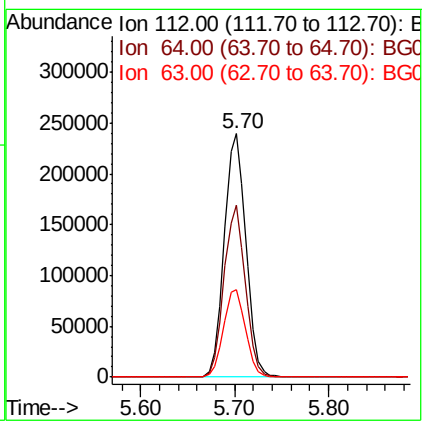


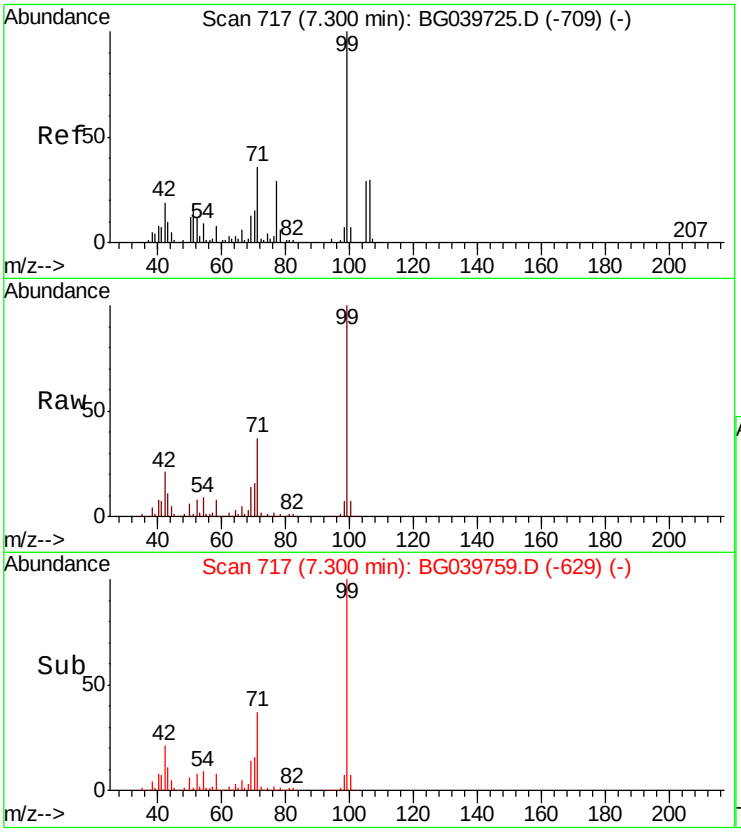


#5
2-Fluorophenol
Concen: 136.654 ng
RT: 5.70 min Scan# 445
Delta R.T. -0.01 min
Lab File: BG039759.D
Acq: 5 Mar 2019 10:10

Tgt Ion:112 Resp: 382358

Ion	Ratio	Lower	Upper
112	100		
64	70.6	57.8	86.8
63	35.8	29.8	44.6



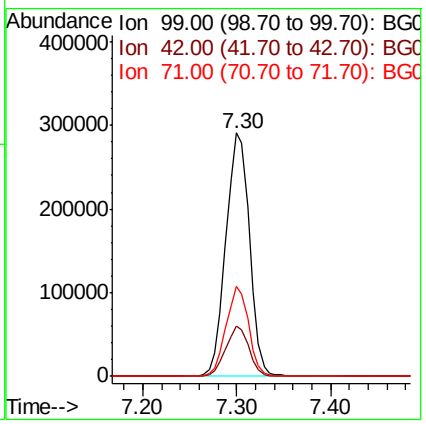


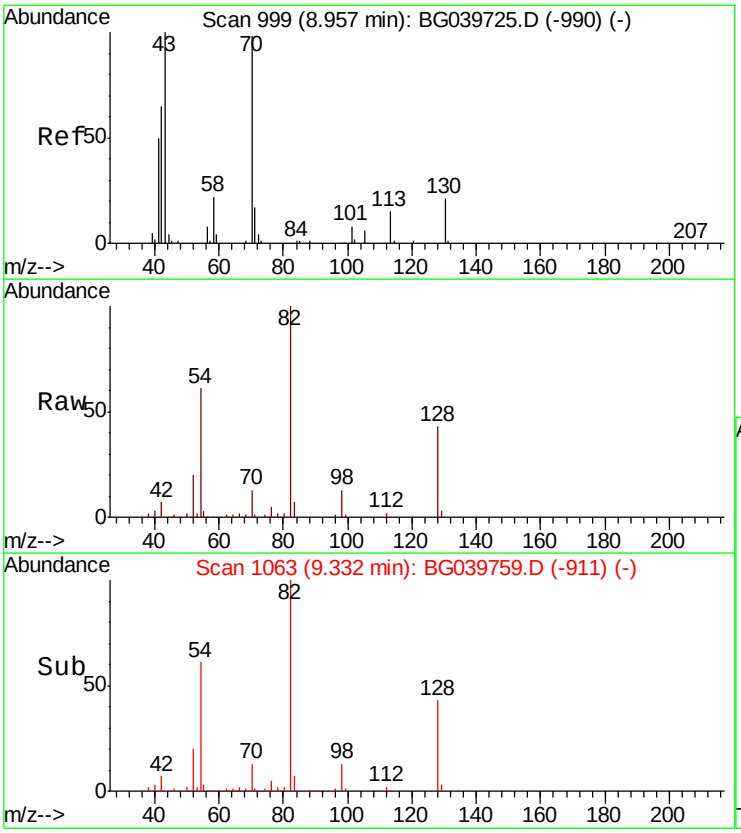
#7
Phenol-d6
Concen: 121.675 ng
RT: 7.30 min Scan# 717
Delta R.T. -0.01 min
Lab File: BG039759.D
Acq: 5 Mar 2019 10:10

Instrument :
BNA_G
ClientSampleId :
JC-03-030119-A

Tgt Ion: 99 Resp: 507623

Ion	Ratio	Lower	Upper
99	100		
42	20.7	18.2	27.2
71	36.9	28.0	42.0

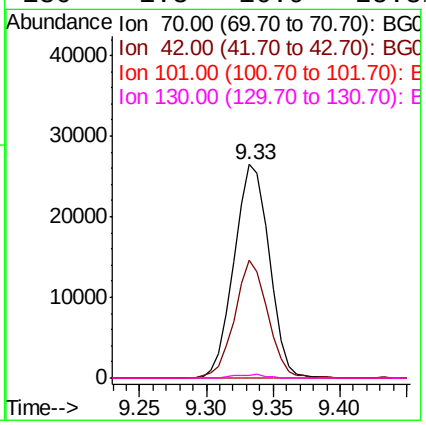


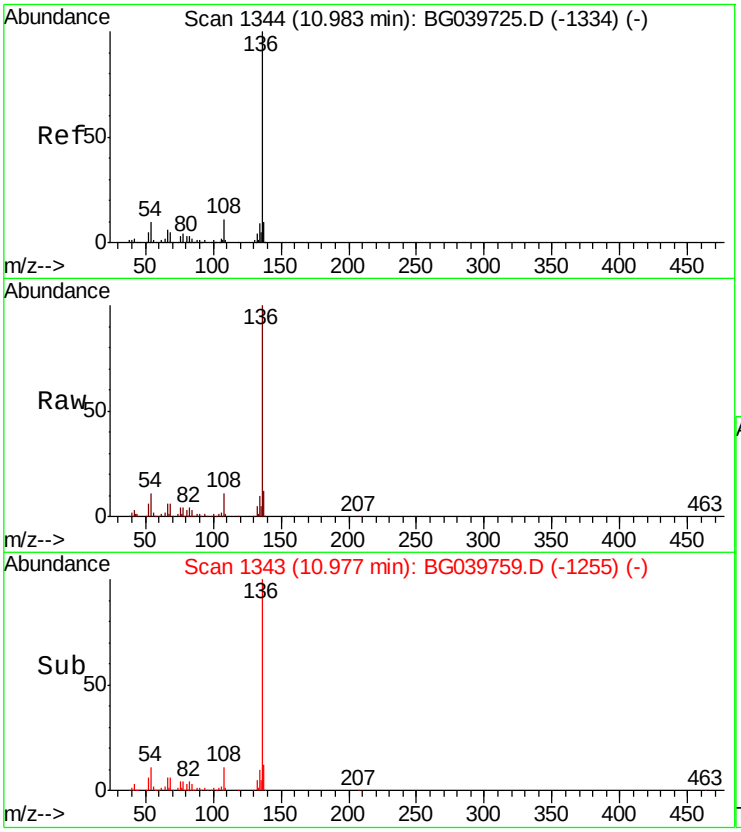


#19
n-Nitroso-di-n-propylamine
Concen: 16.076 ng
RT: 9.33 min Scan# 1063
Delta R.T. 0.36 min
Lab File: BG039759.D
Acq: 5 Mar 2019 10:10

Tgt Ion: 70 Resp: 48273

Ion	Ratio	Lower	Upper
70	100		
42	55.0	60.4	90.6#
101	0.0	7.5	11.3#
130	1.3	16.9	25.3#



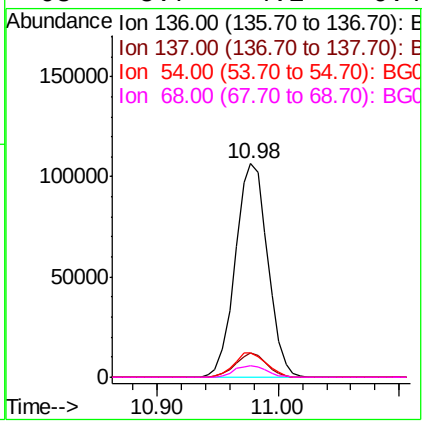


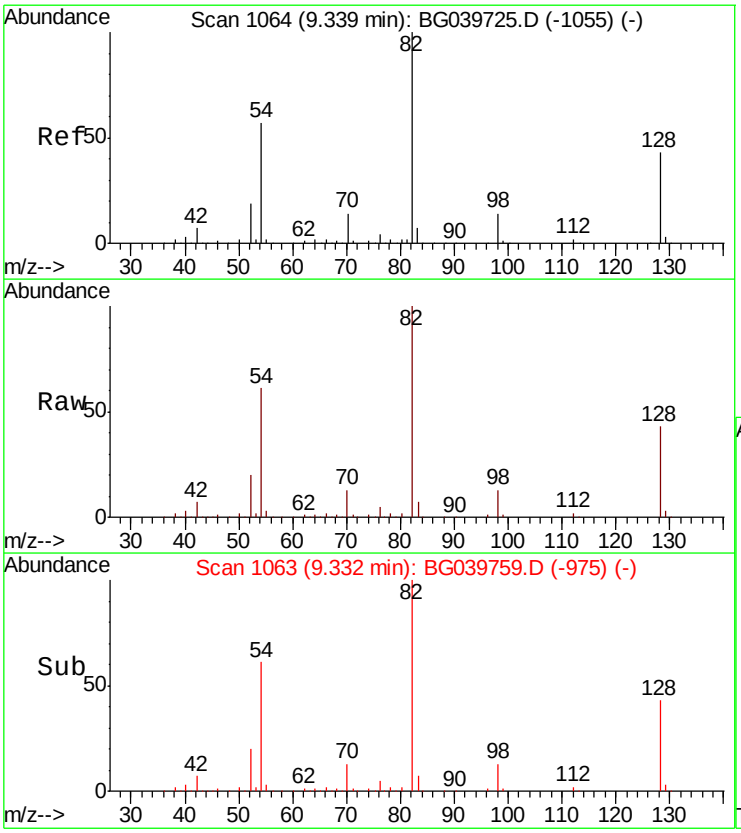
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG039759.D
Acq: 5 Mar 2019 10:10

Instrument :
BNA_G
ClientSampleId :
JC-03-030119-A

Tgt Ion:136 Resp: 198932

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	11.5	9.4	14.2
68	5.7	4.2	6.4

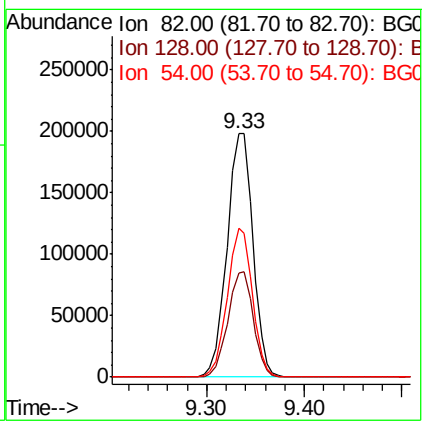


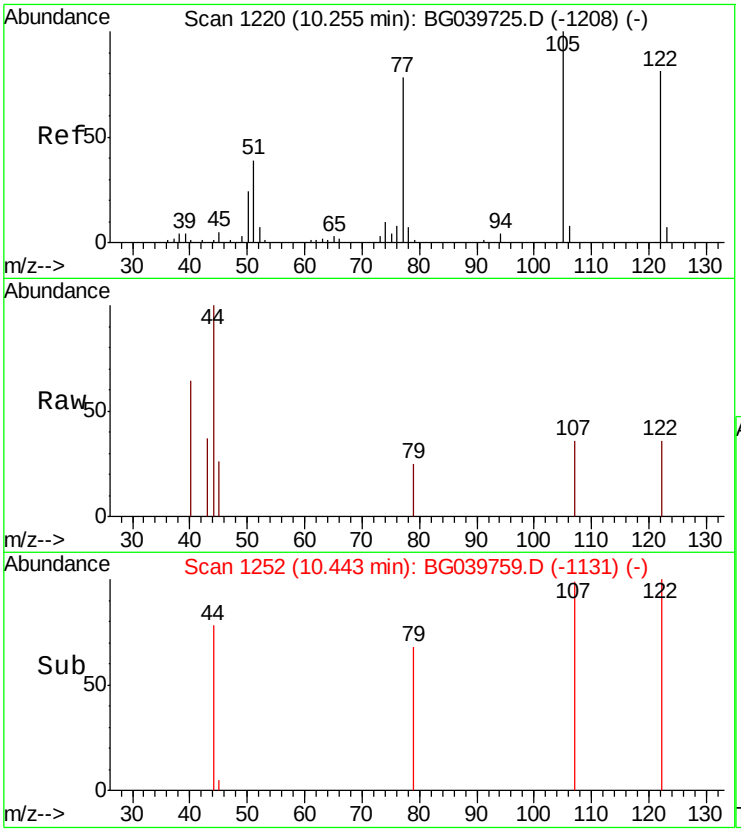


#23
Nitrobenzene-d5
Concen: 98.959 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG039759.D
Acq: 5 Mar 2019 10:10

Tgt Ion: 82 Resp: 363992

Ion	Ratio	Lower	Upper
82	100		
128	42.8	31.3	46.9
54	61.2	50.9	76.3



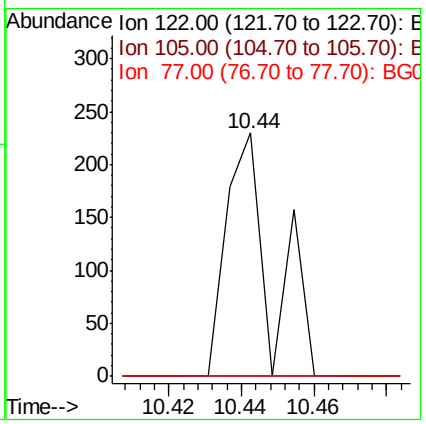


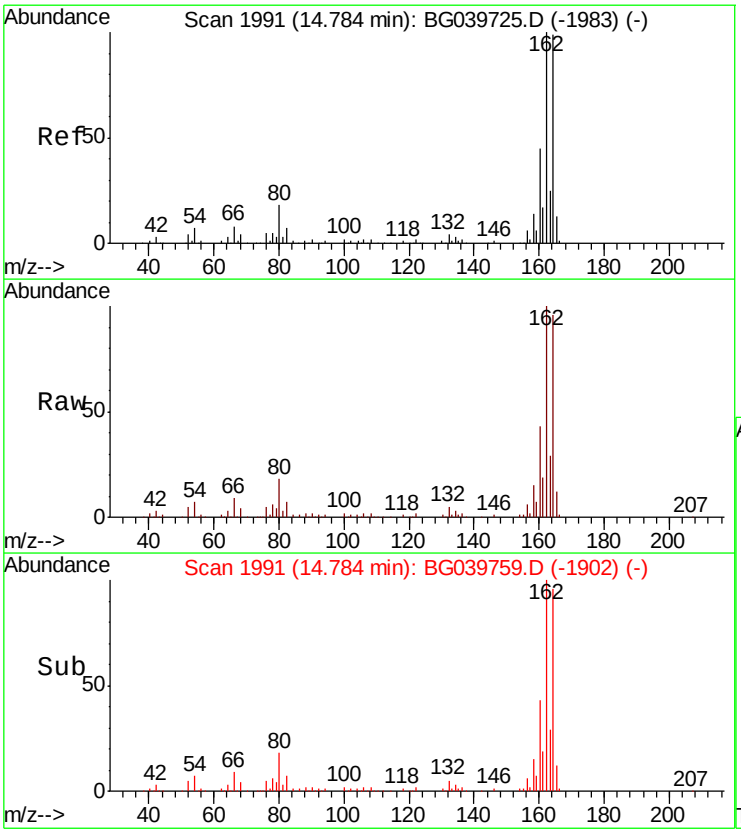
#32
Benzoic acid
Concen: 6.685 ng
RT: 10.44 min Scan# 1252
Delta R.T. 0.18 min
Lab File: BG039759.D
Acq: 5 Mar 2019 10:10

Instrument :
BNA_G
ClientSampleId :
JC-03-030119-A

Tgt Ion:122 Resp: 200

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

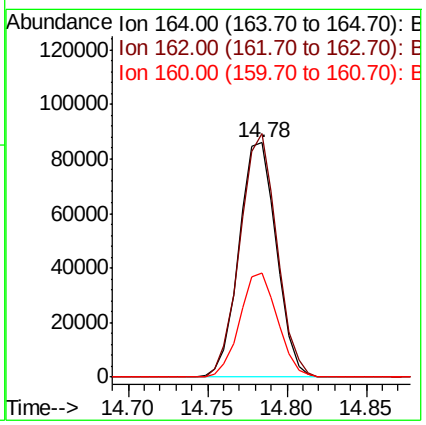


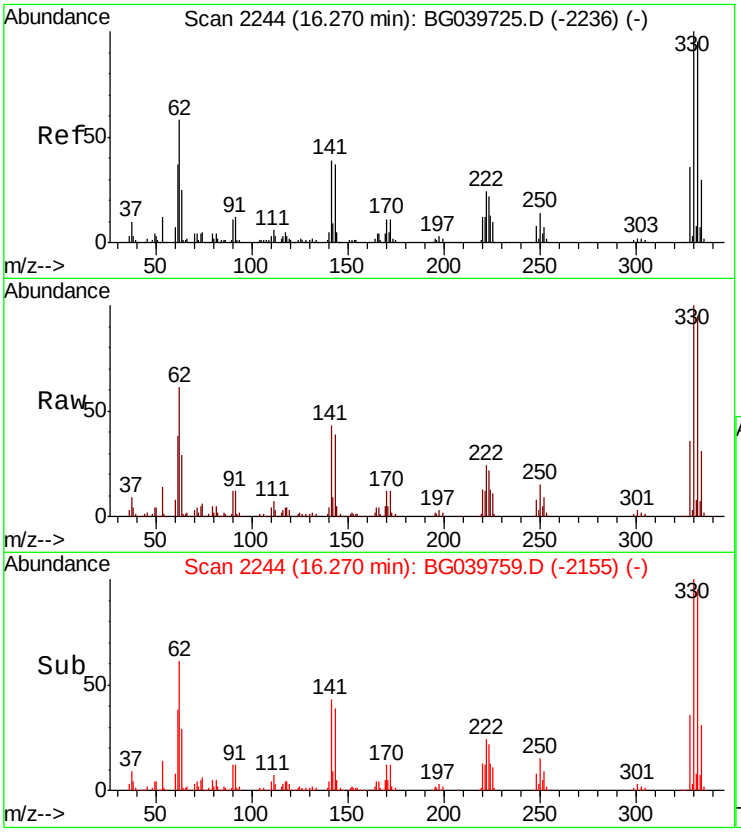


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BG039759.D
Acq: 5 Mar 2019 10:10

Tgt Ion:164 Resp: 140347

Ion	Ratio	Lower	Upper
164	100		
162	103.8	81.6	122.4
160	44.3	34.2	51.2



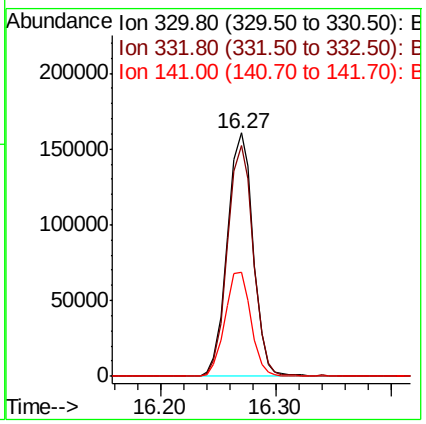


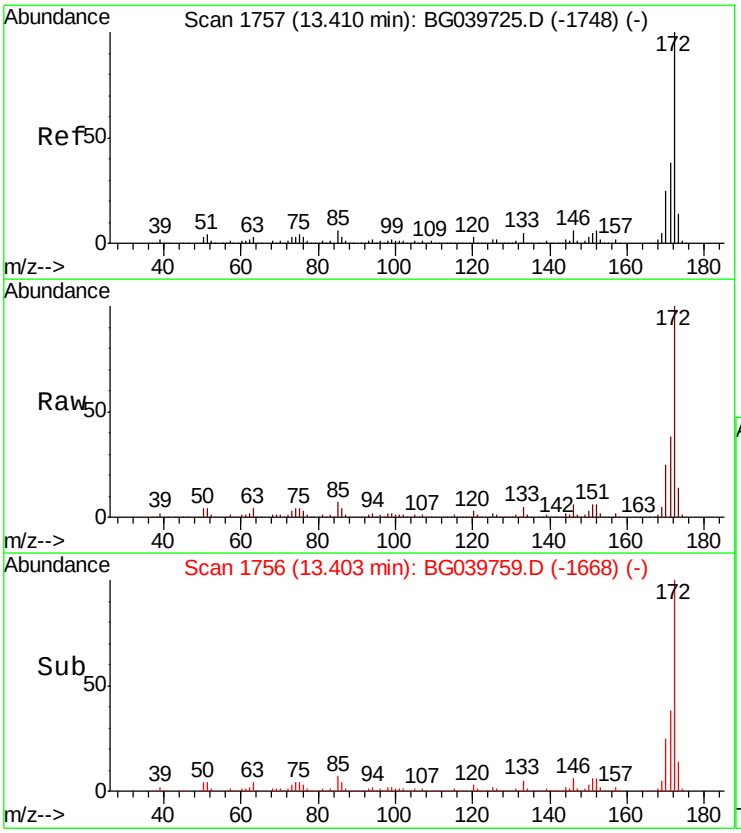
#42
2,4,6-Tribromophenol
Concen: 152.400 ng
RT: 16.27 min Scan# 2244
Delta R.T. -0.01 min
Lab File: BG039759.D
Acq: 5 Mar 2019 10:10

Instrument :
BNA_G
ClientSampleId :
JC-03-030119-A

Tgt Ion:330 Resp: 249304

Ion	Ratio	Lower	Upper
330	100		
332	95.0	75.7	113.5
141	43.0	35.6	53.4

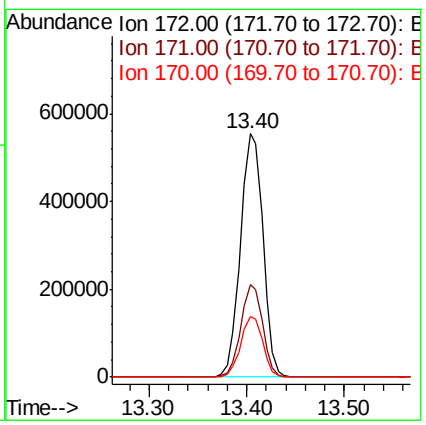


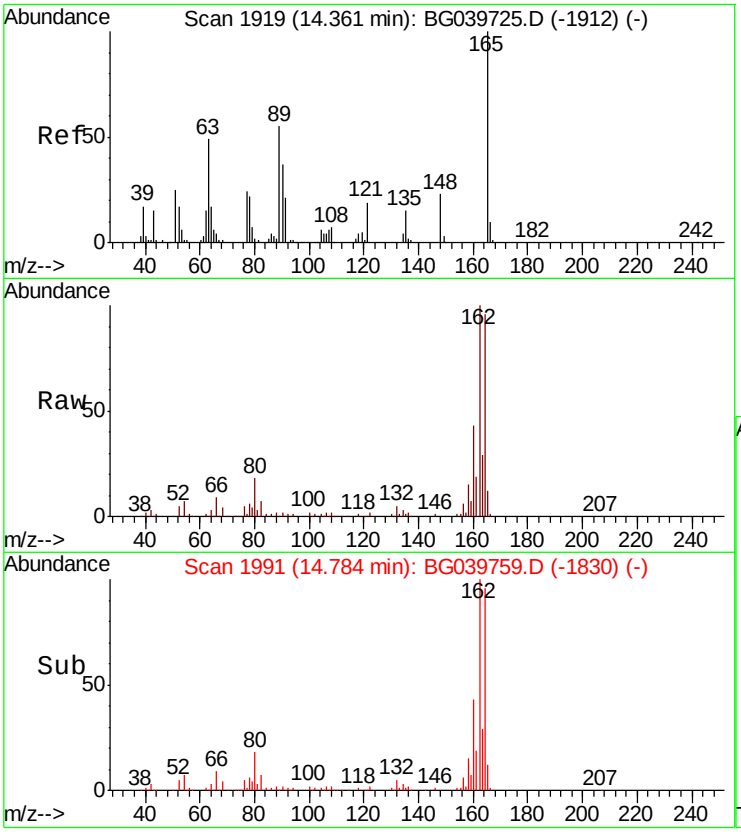


#45
2-Fluorobiphenyl
Concen: 90.470 ng
RT: 13.40 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BG039759.D
Acq: 5 Mar 2019 10:10

Tgt Ion:172 Resp: 891764

Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.8	46.2
170	24.6	20.2	30.4



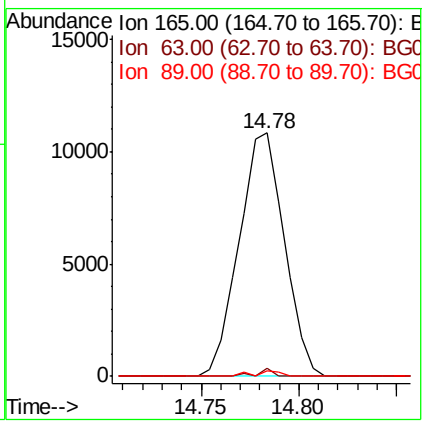


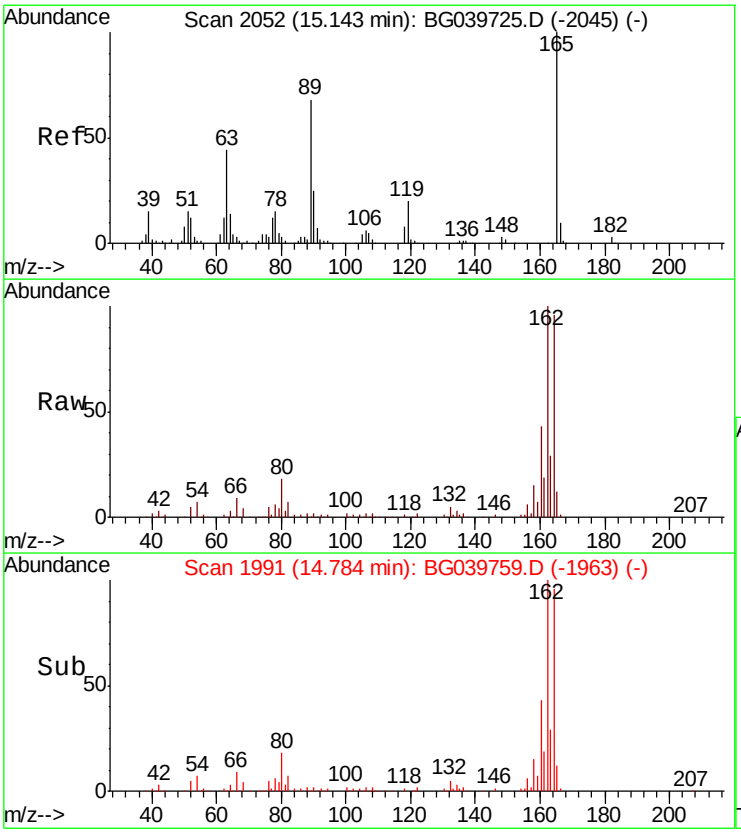
#51
2,6-Dinitrotoluene
Concen: 6.994 ng
RT: 14.78 min Scan# 1991
Delta R.T. 0.42 min
Lab File: BG039759.D
Acq: 5 Mar 2019 10:10

Instrument :
BNA_G
ClientSampleId :
JC-03-030119-A

Tgt Ion:165 Resp: 17401

Ion	Ratio	Lower	Upper
165	100		
63	3.2	47.0	70.6#
89	2.5	45.8	68.8#

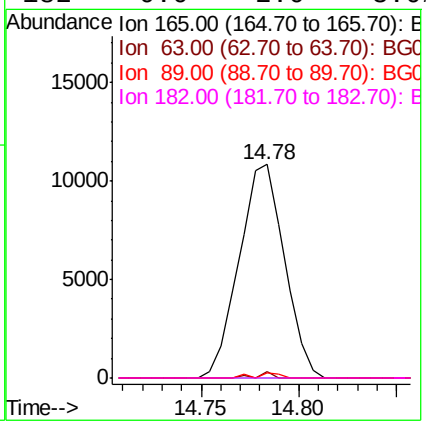


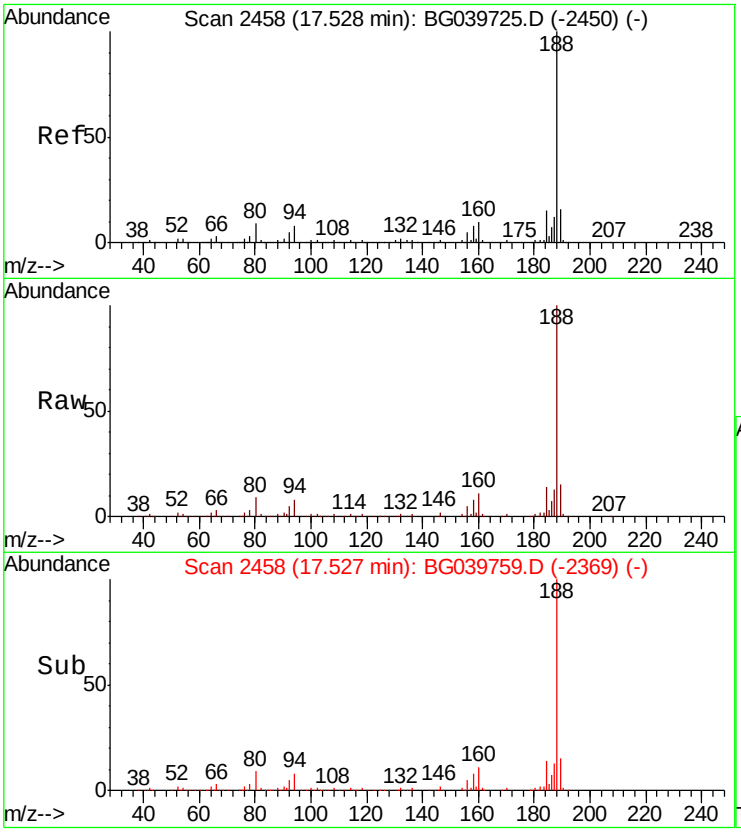


#57
2,4-Dinitrotoluene
Concen: 4.978 ng
RT: 14.78 min Scan# 1991
Delta R.T. -0.37 min
Lab File: BG039759.D
Acq: 5 Mar 2019 10:10

Tgt Ion:165 Resp: 17401

Ion	Ratio	Lower	Upper
165	100		
63	3.2	41.0	61.6#
89	2.5	64.6	96.8#
182	0.0	2.0	3.0#



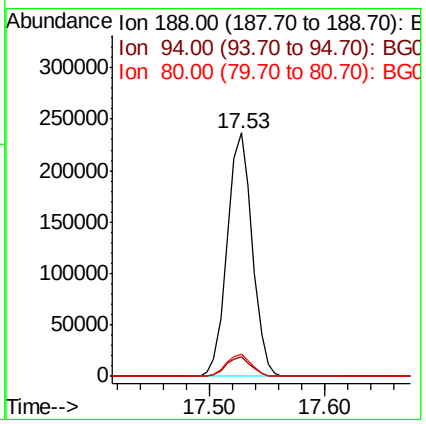


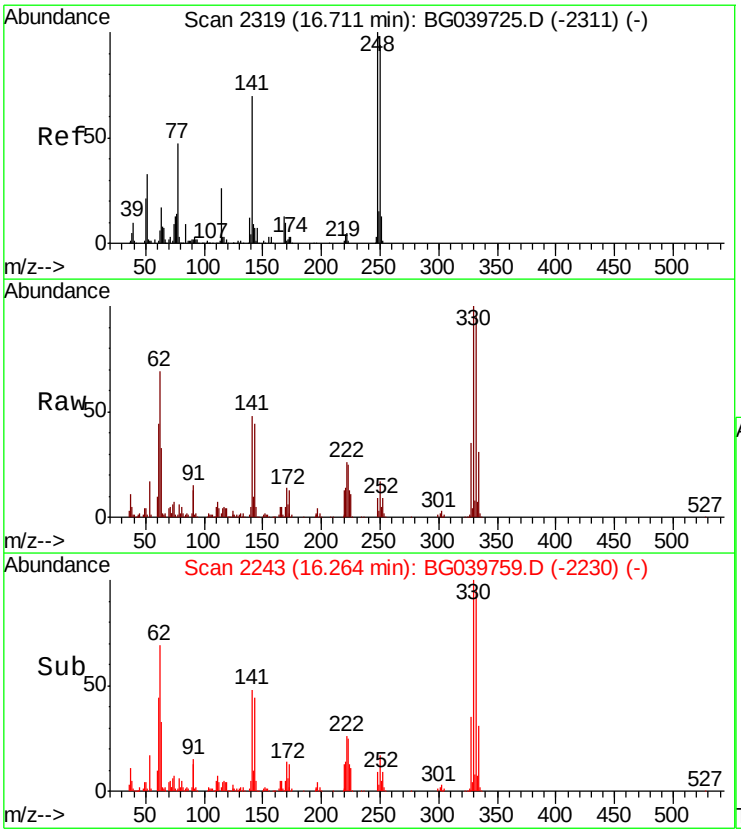
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BG039759.D
Acq: 5 Mar 2019 10:10

Instrument :
BNA_G
ClientSampleId :
JC-03-030119-A

Tgt Ion:188 Resp: 353930

Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.9	10.3
80	9.2	8.1	12.1

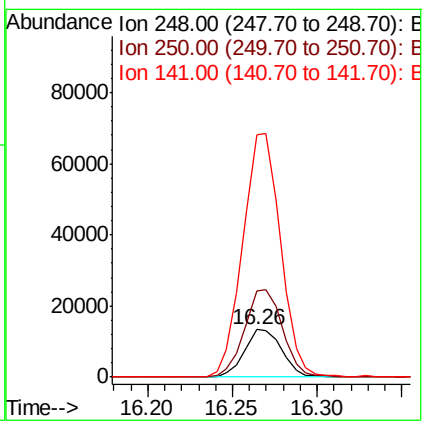


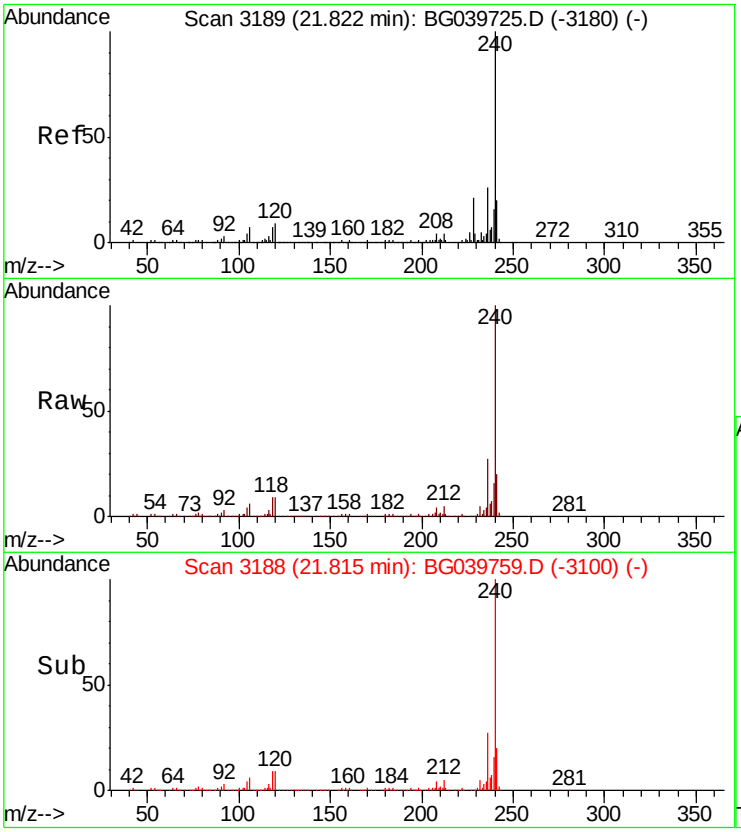


#67
4-Bromophenyl-phenylether
Concen: 5.251 ng
RT: 16.26 min Scan# 2243
Delta R.T. -0.45 min
Lab File: BG039759.D
Acq: 5 Mar 2019 10:10

Tgt Ion:248 Resp: 20804

Ion	Ratio	Lower	Upper
248	100		
250	180.6	77.6	116.4#
141	509.1	63.9	95.9#



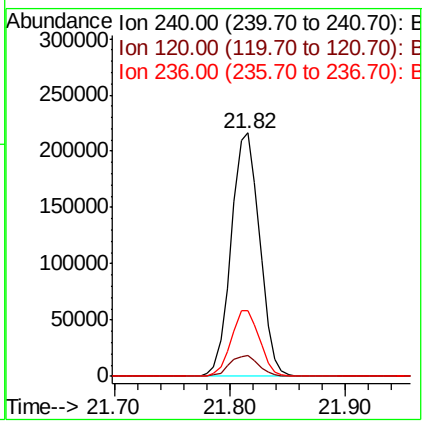


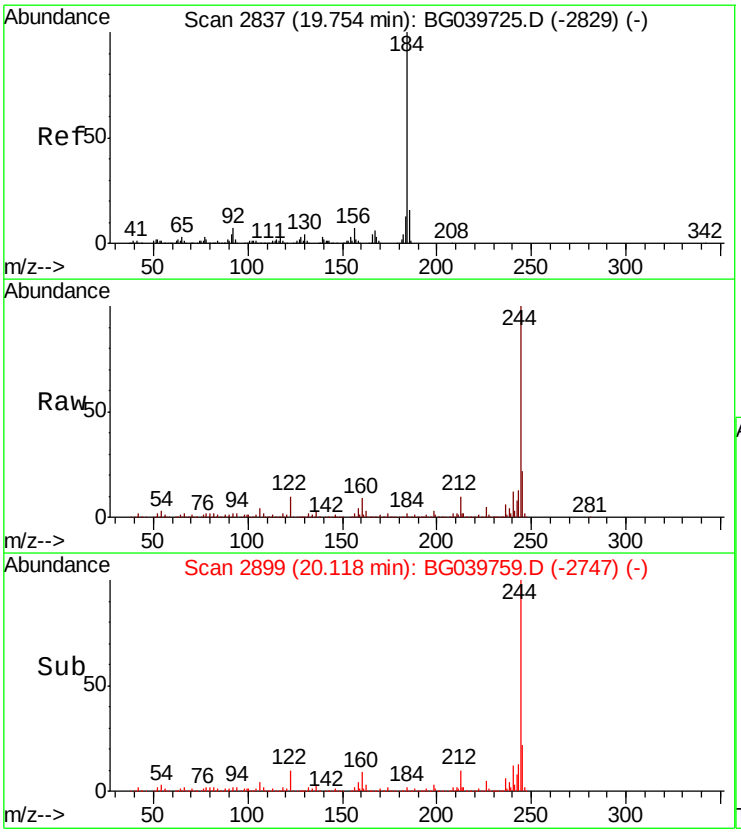
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.82 min Scan# 3188
Delta R.T. -0.01 min
Lab File: BG039759.D
Acq: 5 Mar 2019 10:10

Instrument :
BNA_G
ClientSampleId :
JC-03-030119-A

Tgt Ion:240 Resp: 368975

Ion	Ratio	Lower	Upper
240	100		
120	8.7	7.0	10.6
236	27.2	21.0	31.4

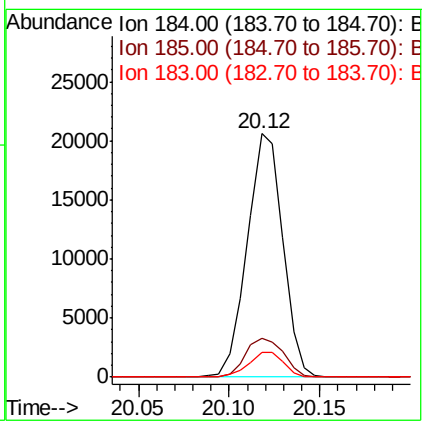


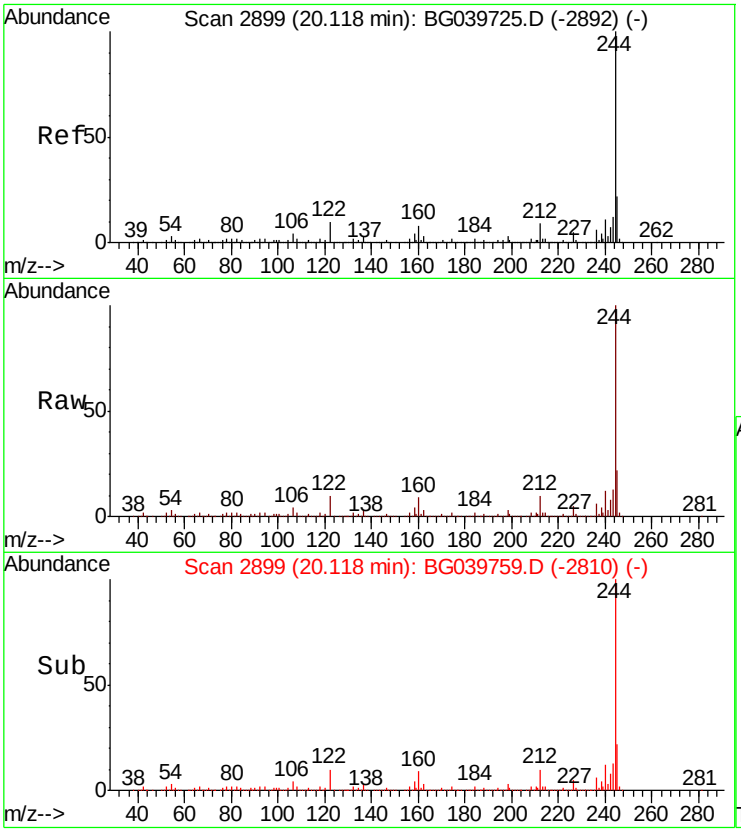


#77
Benzidine
Concen: 2.397 ng
RT: 20.12 min Scan# 2899
Delta R.T. 0.36 min
Lab File: BG039759.D
Acq: 5 Mar 2019 10:10

Tgt Ion:184 Resp: 28071

Ion	Ratio	Lower	Upper
184	100		
185	16.2	12.2	18.2
183	10.2	10.6	15.8#



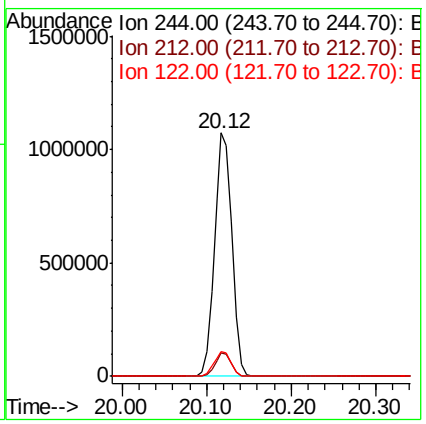


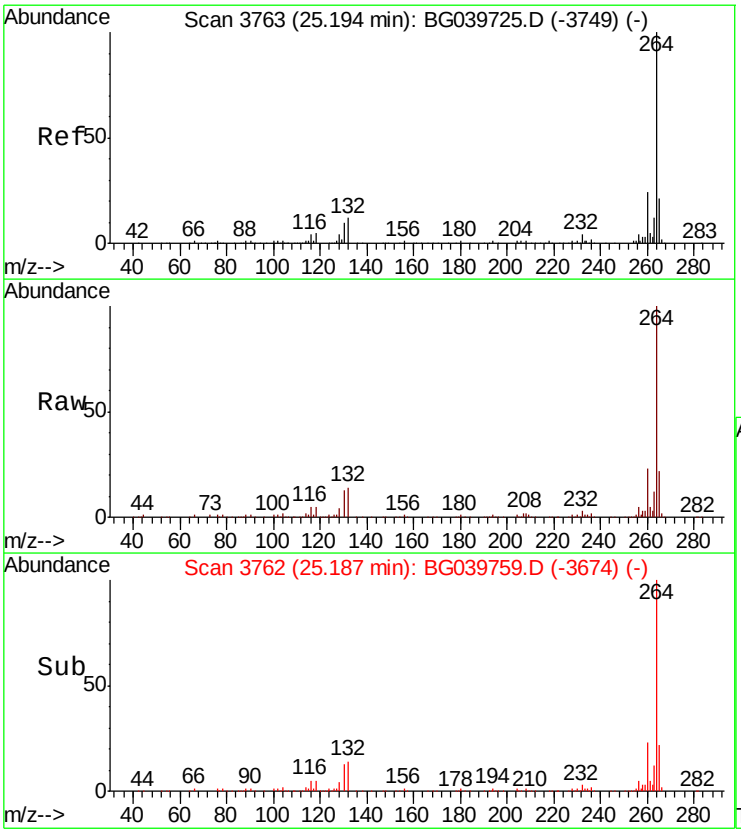
#79
Terphenyl-d14
Concen: 92.829 ng
RT: 20.12 min Scan# 2899
Delta R.T. -0.01 min
Lab File: BG039759.D
Acq: 5 Mar 2019 10:10

Instrument :
BNA_G
ClientSampleId :
JC-03-030119-A

Tgt Ion:244 Resp: 1555619

Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.3	10.9
122	10.1	8.4	12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.19 min Scan# 3762
Delta R.T. -0.01 min
Lab File: BG039759.D
Acq: 5 Mar 2019 10:10

Tgt Ion:264 Resp: 375744

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.4
265	22.3	18.5	27.7