Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031419\
Data File : BG039933.D
Acq On : 14 Mar 2019 20:20
Operator : JU/SJ
Sample : K1894-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RFK-RMAB-MW12-GW

Quant Time: Mar 15 08:10:41 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	8.15	152	40355	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	164172	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	115392	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	278830	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	298300	20.00	ng	-0.02
87) Perylene-d12	25.16	264	300384	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	161861	68.43	ng	-0.02
7) Phenol-d6	7.29	99	150967	42.80	ng	-0.02
23) Nitrobenzene-d5	9.33	82	309688	102.02	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	205487	152.78	ng	-0.02
45) 2-Fluorobiphenyl	13.40	172	746731	92.14	ng	-0.02
79) Terphenyl-d14	20.11	244	1241786	91.66	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	7.28	77	8054	3.540	ng	# 1
17) 2-Methylphenol	8.57	107	6808	2.794	ng	# 89
18) Hexachloroethane	9.24	117	6463	5.448	ng	# 1
20) 3+4-Methylphenols	8.90	107	7618	2.251	ng	82
22) Acetophenone	8.97	105	42214	9.580	ng	# 98
27) 2,4-Dimethylphenol	10.16	122	17749	7.422	ng	# 88
31) Naphthalene	11.02	128	142443	16.387	ng	99
32) Benzoic acid	10.24	122	2840	8.090	ng	97
33) 4-Chloroaniline	11.02	127	20396	5.534	ng	# 35
57) 2,4-Dinitrotoluene	14.77	165	15540	5.407	ng	# 23
67) 4-Bromophenyl-phenylether	16.26	248	16188	5.187	ng	# 1
77) Benzidine	20.11	184	22181	2.343	ng	# 92

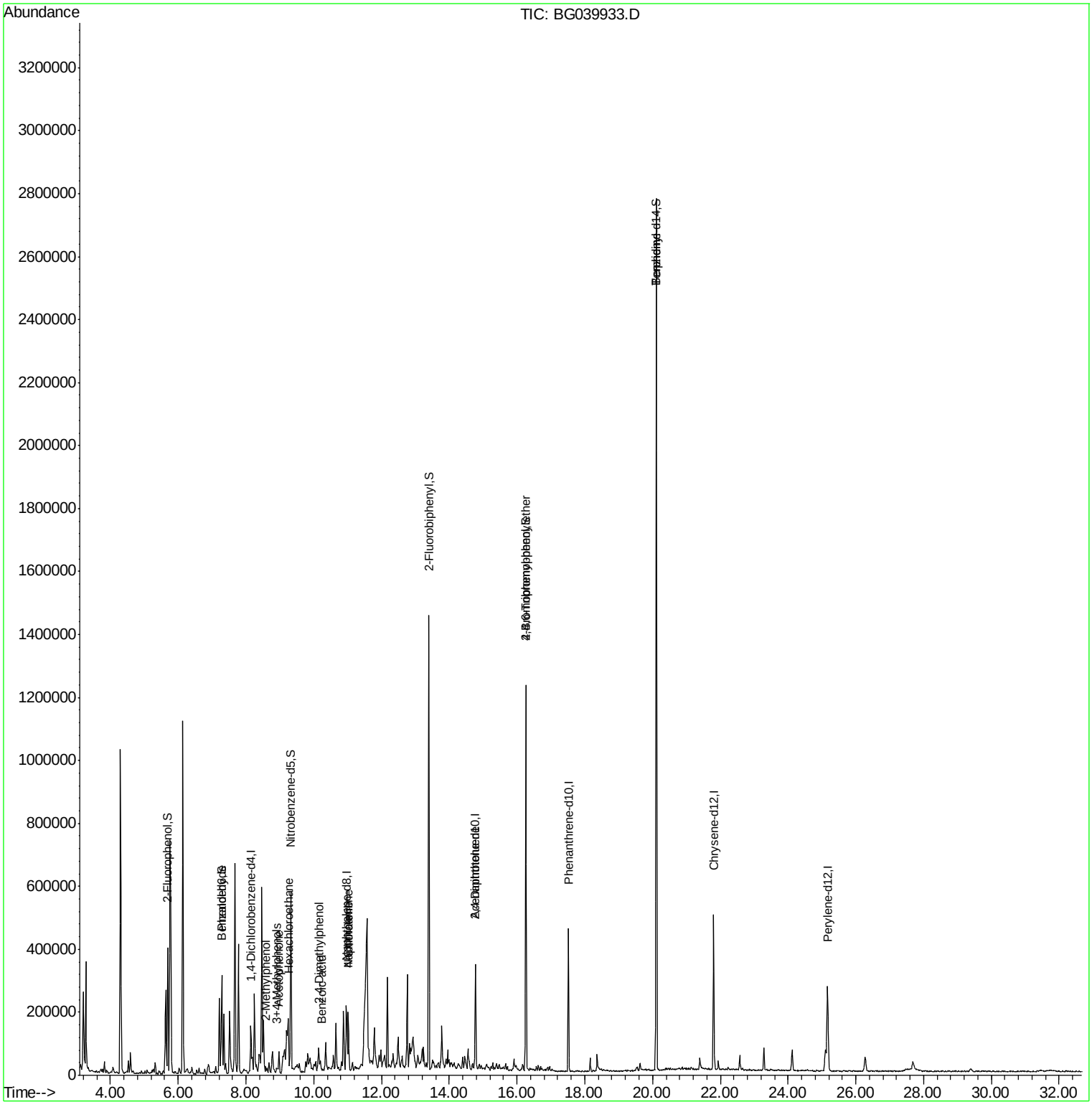
(#) = qualifier out of range (m) = manual integration (+) = signals summed

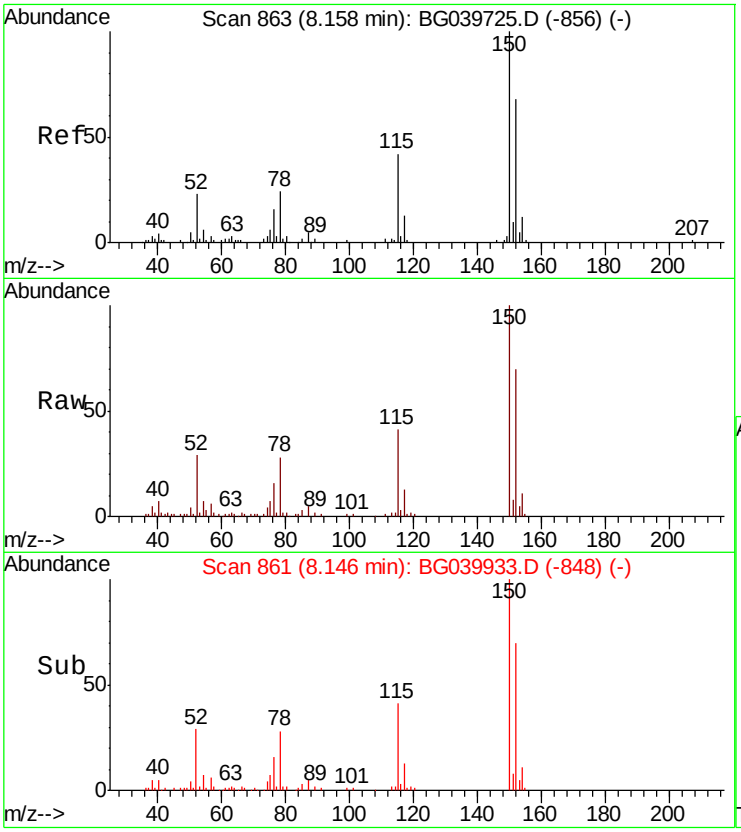
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031419\
Data File : BG039933.D
Acq On : 14 Mar 2019 20:20
Operator : JU/SJ
Sample : K1894-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RFK-RMAB-MW12-GW

Quant Time: Mar 15 08:10:41 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



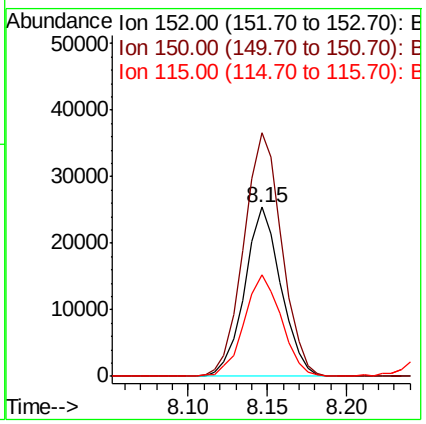


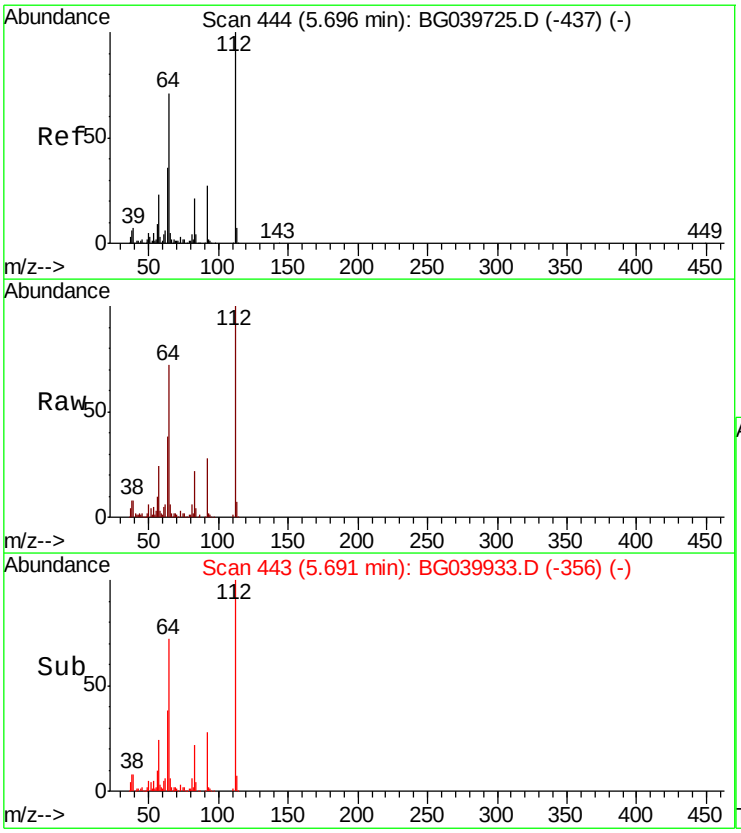
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BG039933.D
Acq: 14 Mar 2019 20:20

Instrument :
BNA_G
ClientSampleId :
RFK-RMAB-MW12-GW

Tgt Ion:152 Resp: 40355

Ion	Ratio	Lower	Upper
152	100		
150	143.8	123.7	185.5
115	59.6	45.9	68.9

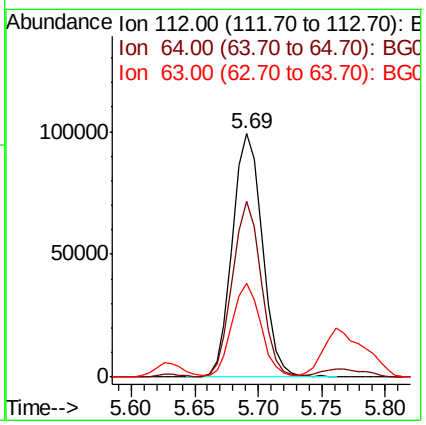


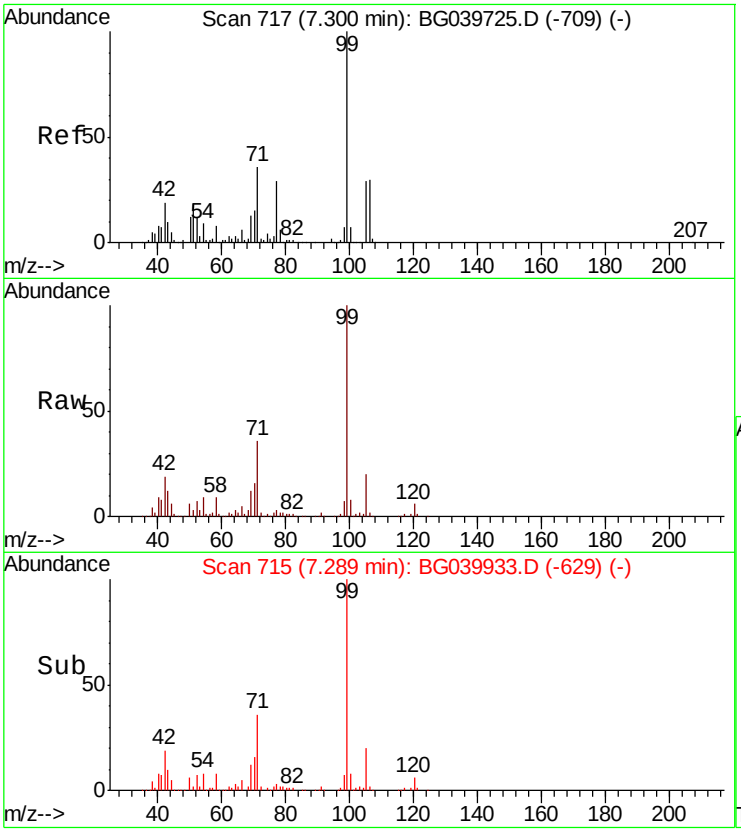


#5
2-Fluorophenol
Concen: 68.427 ng
RT: 5.69 min Scan# 443
Delta R.T. -0.02 min
Lab File: BG039933.D
Acq: 14 Mar 2019 20:20

Tgt Ion:112 Resp: 161861

Ion	Ratio	Lower	Upper
112	100		
64	72.2	57.8	86.8
63	38.4	29.8	44.6



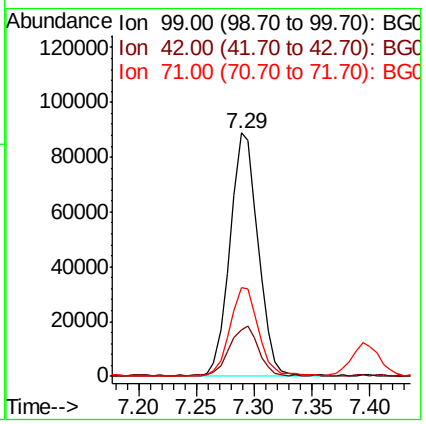


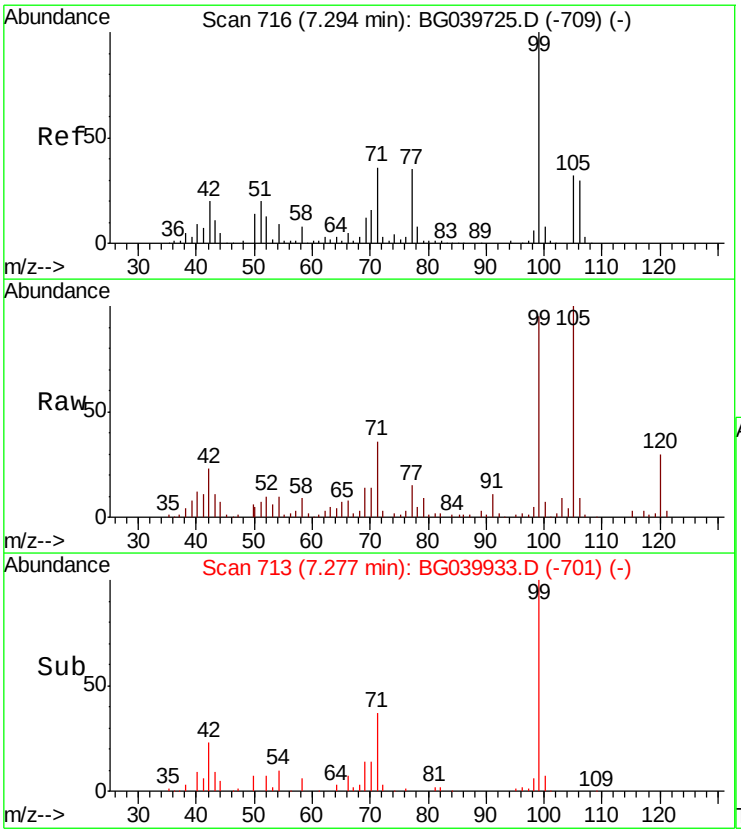
#7
Phenol-d6
Concen: 42.803 ng
RT: 7.29 min Scan# 715
Delta R.T. -0.02 min
Lab File: BG039933.D
Acq: 14 Mar 2019 20:20

Instrument :
BNA_G
ClientSampleId :
RFK-RMAB-MW12-GW

Tgt Ion: 99 Resp: 150967

Ion	Ratio	Lower	Upper
99	100		
42	19.3	18.2	27.2
71	36.4	28.0	42.0

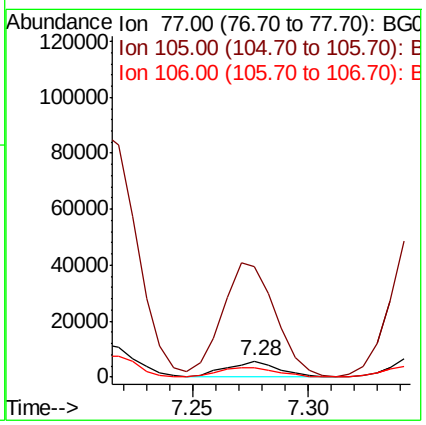


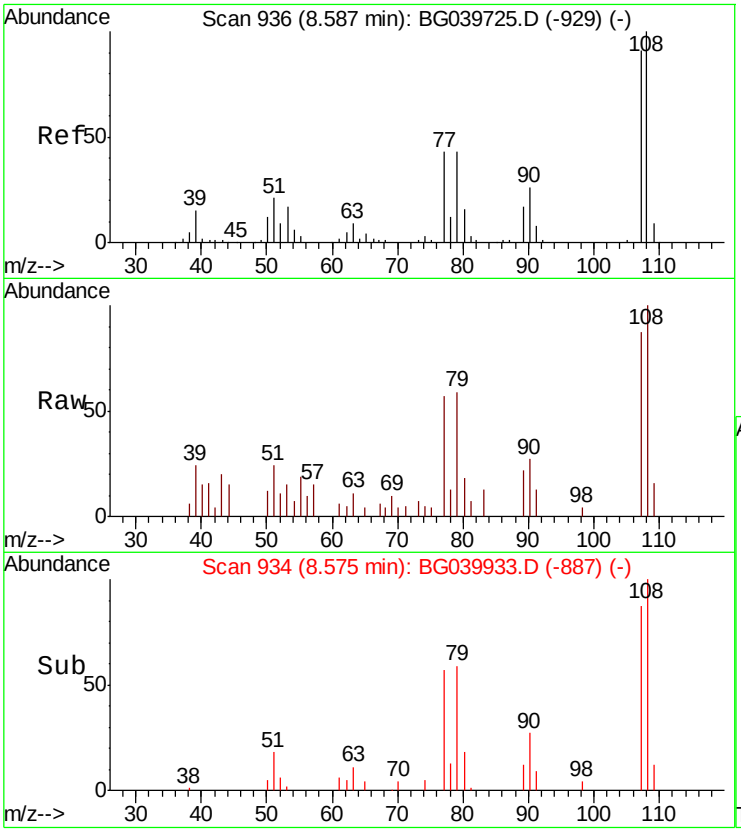


#9
Benzaldehyde
Concen: 3.540 ng
RT: 7.28 min Scan# 713
Delta R.T. -0.03 min
Lab File: BG039933.D
Acq: 14 Mar 2019 20:20

Tgt Ion: 77 Resp: 8054

Ion	Ratio	Lower	Upper
77	100		
105	684.8	74.5	114.5#
106	61.8	68.0	108.0#



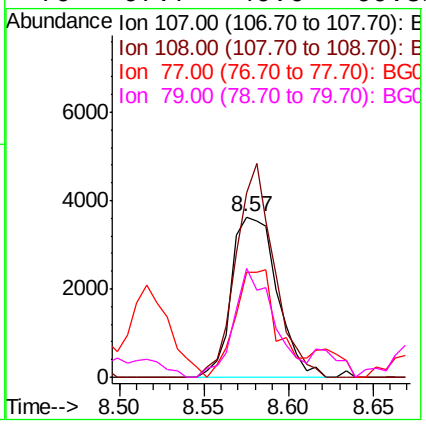


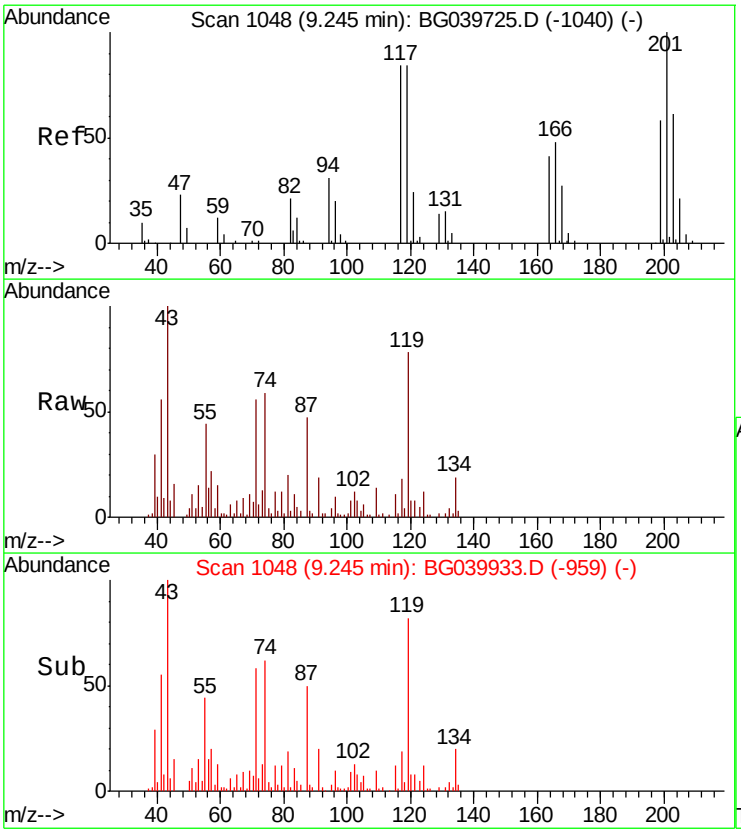
#17
2-Methylphenol
Concen: 2.794 ng
RT: 8.57 min Scan# 934
Delta R.T. -0.02 min
Lab File: BG039933.D
Acq: 14 Mar 2019 20:20

Instrument :
BNA_G
ClientSampleId :
RFK-RMAB-MW12-GW

Tgt Ion:107 Resp: 6808

Ion	Ratio	Lower	Upper
107	100		
108	115.1	90.8	136.2
77	65.4	40.7	61.1#
79	67.7	40.6	60.8#

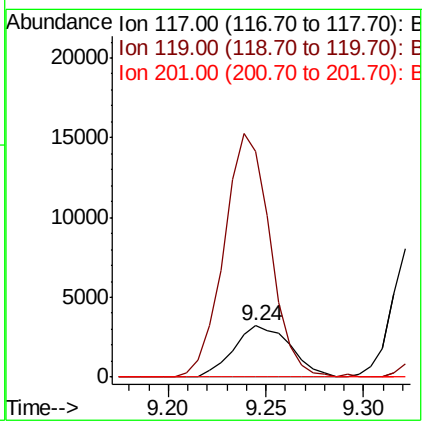


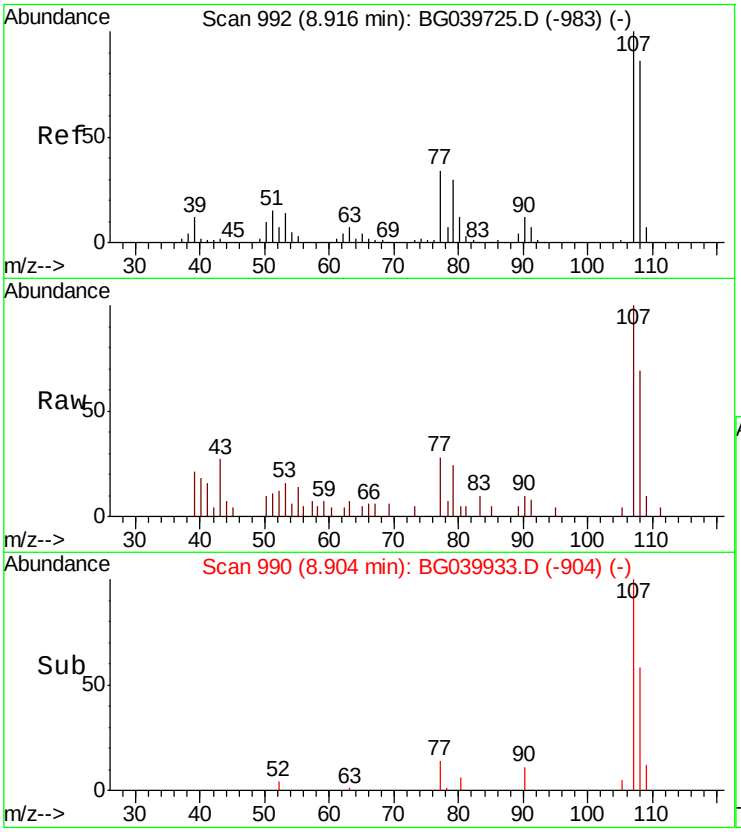


#18
Hexachloroethane
Concen: 5.448 ng
RT: 9.24 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BG039933.D
Acq: 14 Mar 2019 20:20

Tgt Ion:117 Resp: 6463

Ion	Ratio	Lower	Upper
117	100		
119	438.9	76.3	114.5#
201	0.0	91.1	136.7#



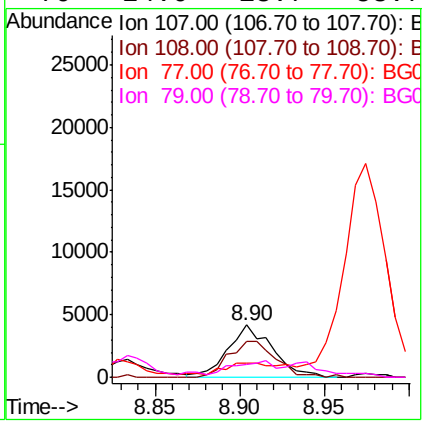


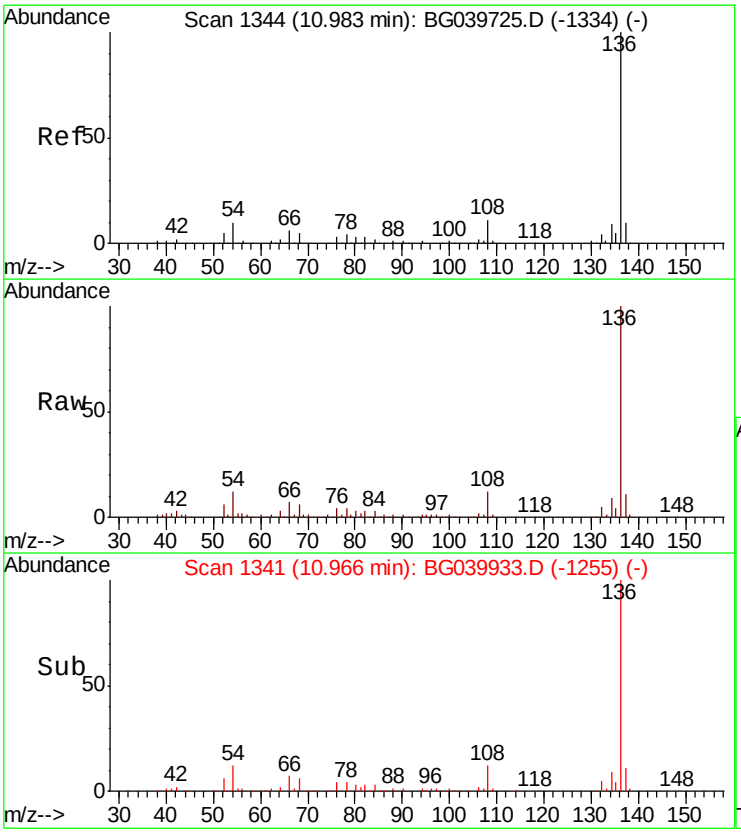
#20
3+4-Methylphenols
Concen: 2.251 ng
RT: 8.90 min Scan# 990
Delta R.T. -0.02 min
Lab File: BG039933.D
Acq: 14 Mar 2019 20:20

Instrument :
BNA_G
ClientSampleId :
RFK-RMAB-MW12-GW

Tgt Ion:107 Resp: 7618

Ion	Ratio	Lower	Upper
107	100		
108	69.2	67.9	107.9
77	27.6	15.4	55.4
79	24.0	13.7	53.7

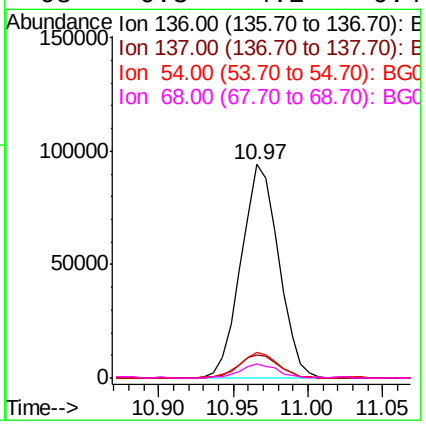


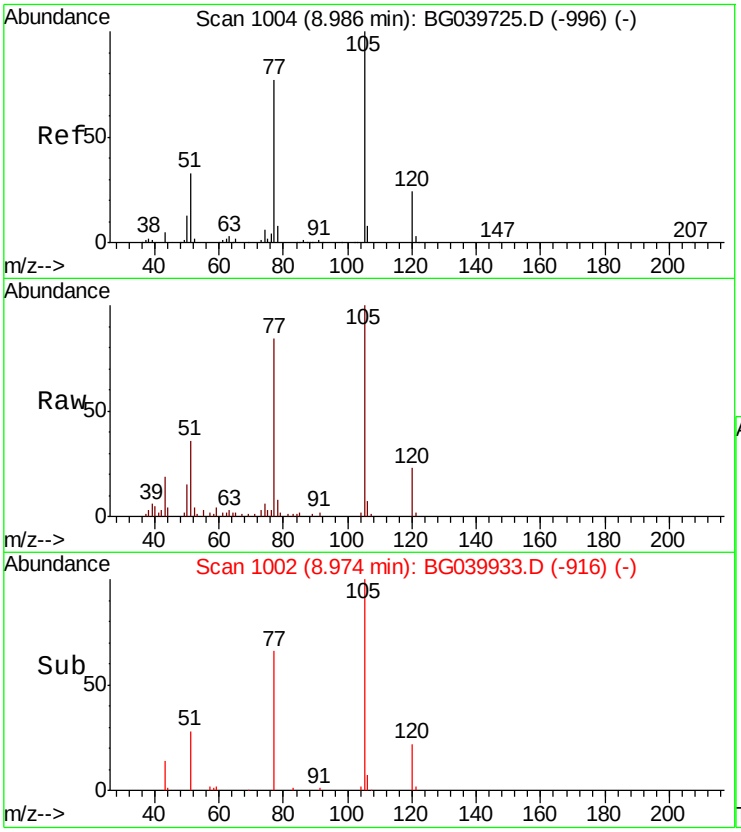


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG039933.D
Acq: 14 Mar 2019 20:20

Tgt Ion:136 Resp: 164172

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	11.8	9.4	14.2
68	6.3	4.2	6.4



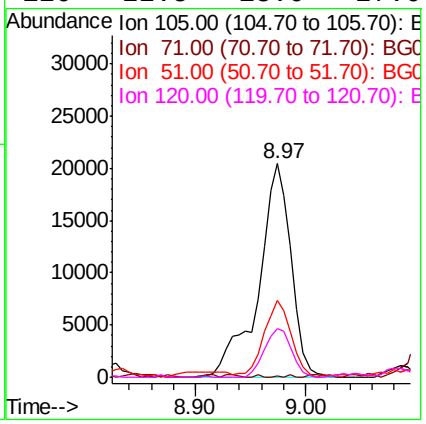


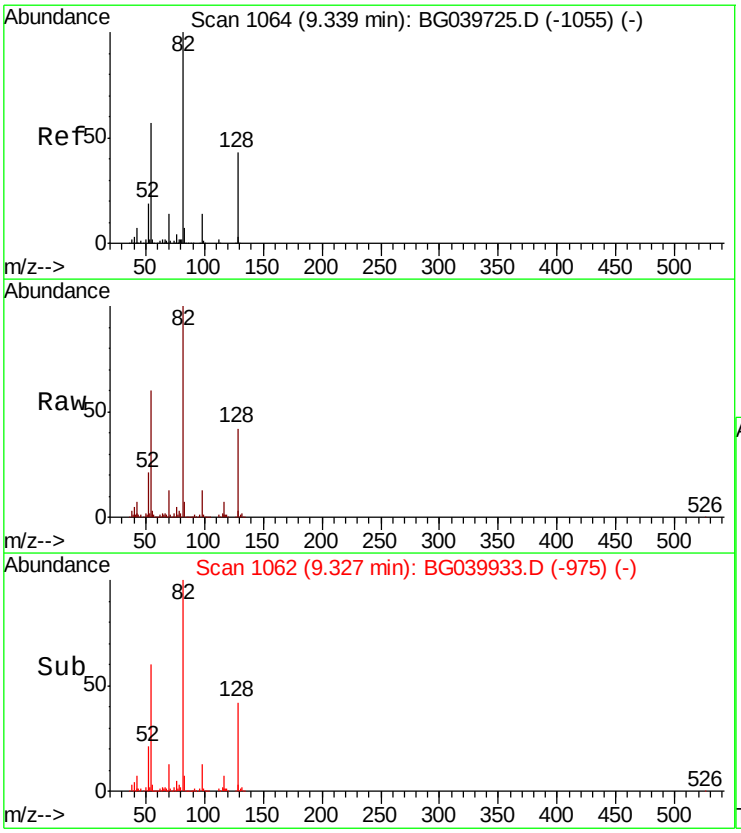
#22
Acetophenone
Concen: 9.580 ng
RT: 8.97 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG039933.D
Acq: 14 Mar 2019 20:20

Instrument :
BNA_G
ClientSampleId :
RFK-RMAB-MW12-GW

Tgt Ion:105 Resp: 42214

Ion	Ratio	Lower	Upper
105	100		
71	0.8	0.8	1.2#
51	35.8	30.2	45.2
120	22.5	18.0	27.0

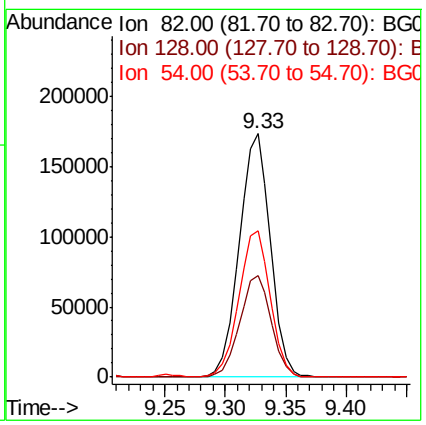


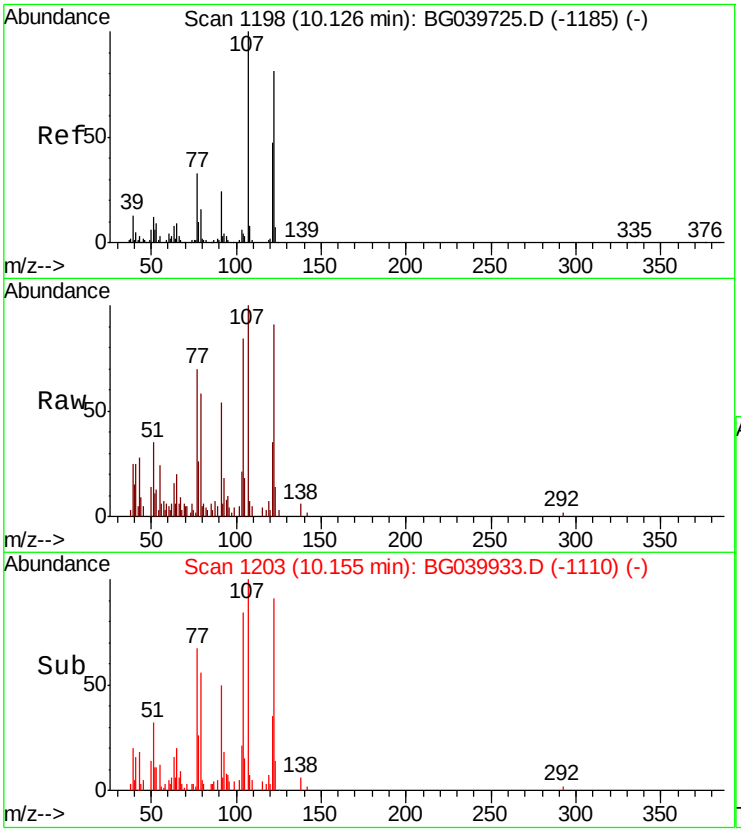


#23
Nitrobenzene-d5
Concen: 102.022 ng
RT: 9.33 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BG039933.D
Acq: 14 Mar 2019 20:20

Tgt Ion: 82 Resp: 309688

Ion	Ratio	Lower	Upper
82	100		
128	41.7	31.3	46.9
54	60.0	50.9	76.3



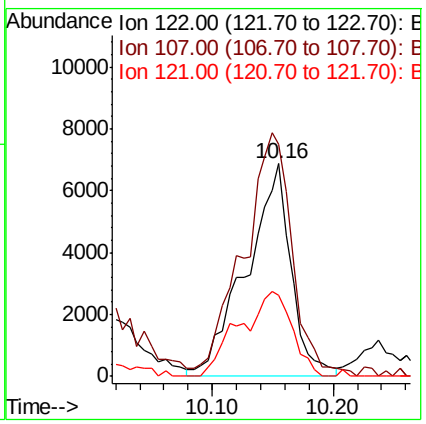


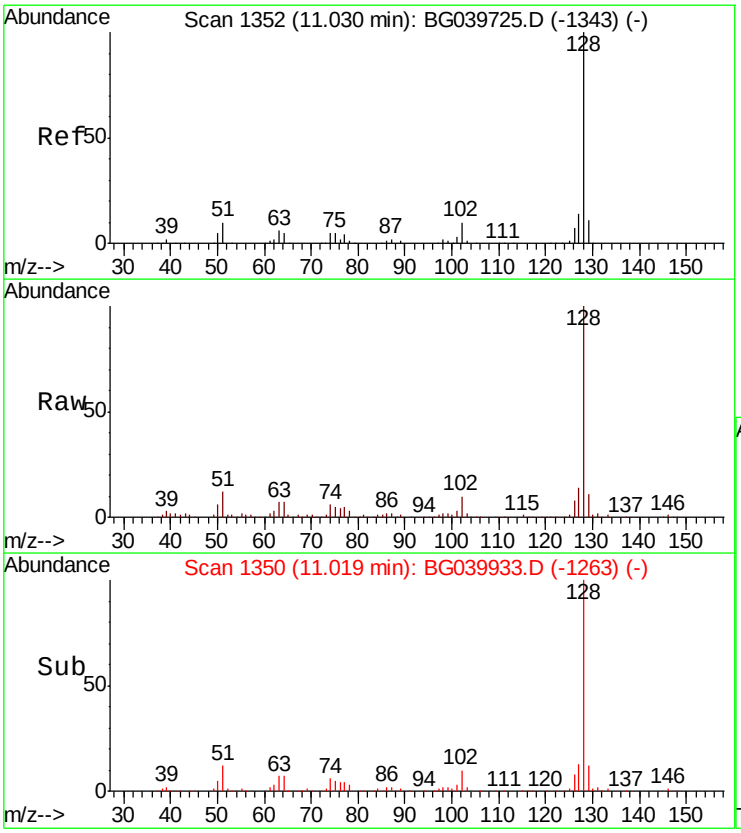
#27
2,4-Dimethylphenol
Concen: 7.422 ng
RT: 10.16 min Scan# 1203
Delta R.T. 0.02 min
Lab File: BG039933.D
Acq: 14 Mar 2019 20:20

Instrument :
BNA_G
ClientSampleId :
RFK-RMAB-MW12-GW

Tgt Ion:122 Resp: 17749

Ion	Ratio	Lower	Upper
122	100		
107	109.6	91.7	137.5
121	38.4	46.4	69.6#

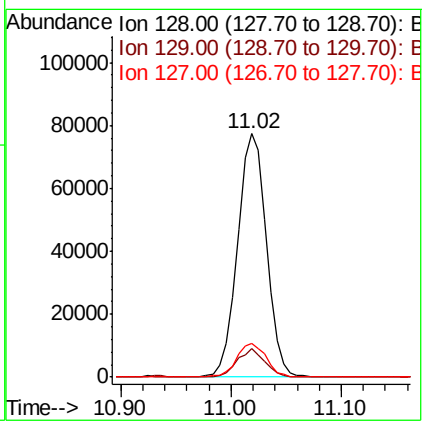


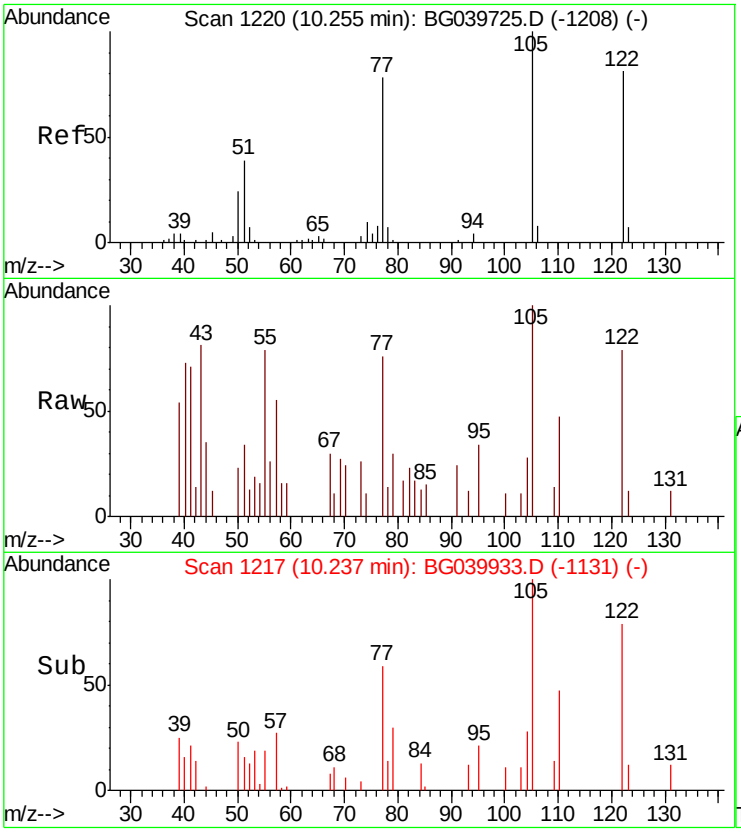


#31
Naphthalene
Concen: 16.387 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BG039933.D
Acq: 14 Mar 2019 20:20

Tgt Ion:128 Resp: 142443

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.7	13.1
127	13.6	10.8	16.2



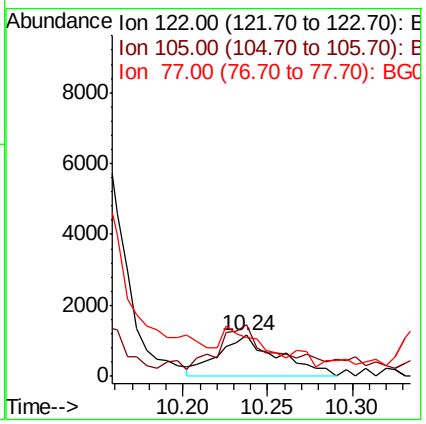


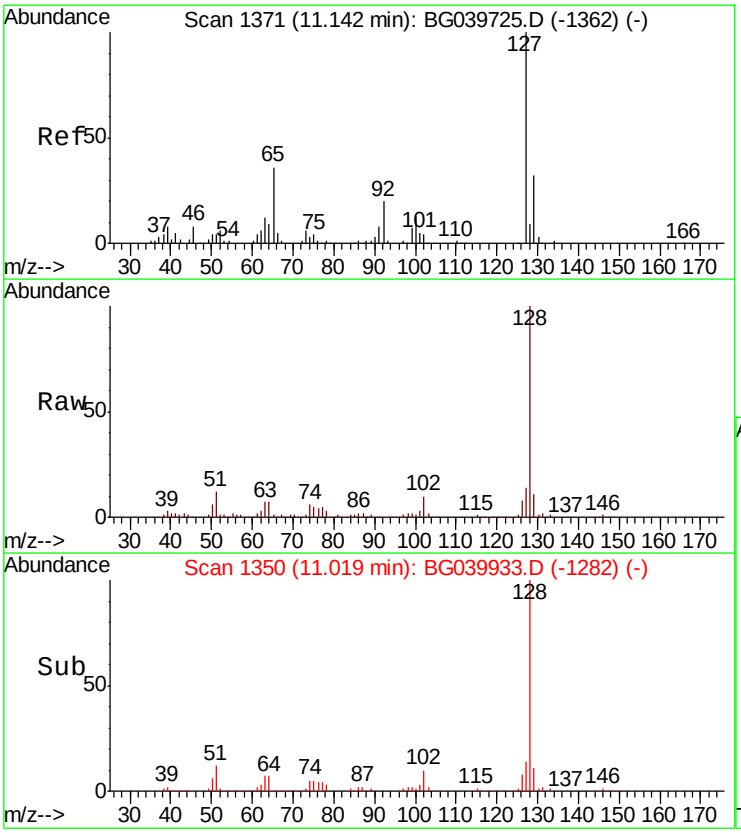
#32
Benzoic acid
Concen: 8.090 ng
RT: 10.24 min Scan# 1217
Delta R.T. -0.02 min
Lab File: BG039933.D
Acq: 14 Mar 2019 20:20

Instrument :
BNA_G
ClientSampleId :
RFK-RMAB-MW12-GW

Tgt Ion:122 Resp: 2840

Ion	Ratio	Lower	Upper
122	100		
105	127.2	101.8	141.8
77	96.1	76.3	116.3

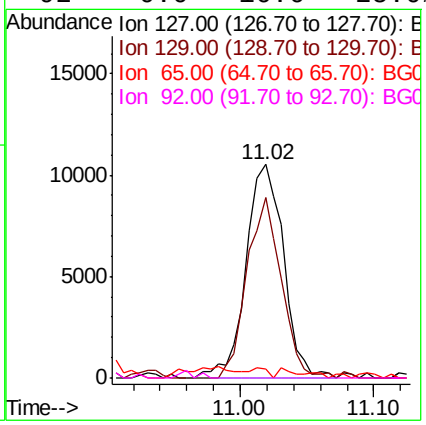


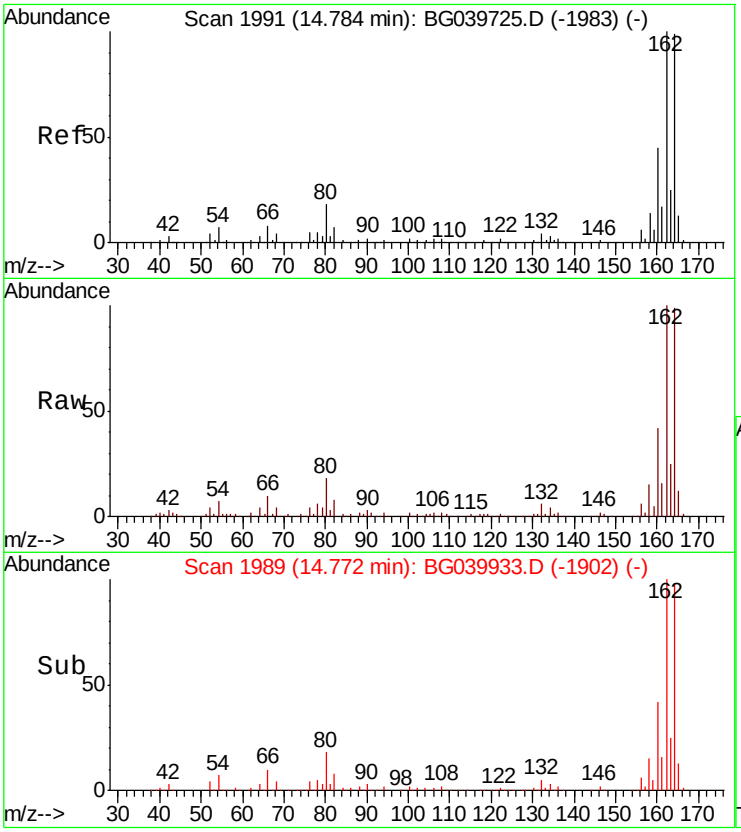


#33
4-Chloroaniline
Concen: 5.534 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.13 min
Lab File: BG039933.D
Acq: 14 Mar 2019 20:20

Tgt Ion:127 Resp: 20396

Ion	Ratio	Lower	Upper
127	100		
129	84.4	27.0	40.4#
65	4.1	28.8	43.2#
92	0.0	16.6	25.0#



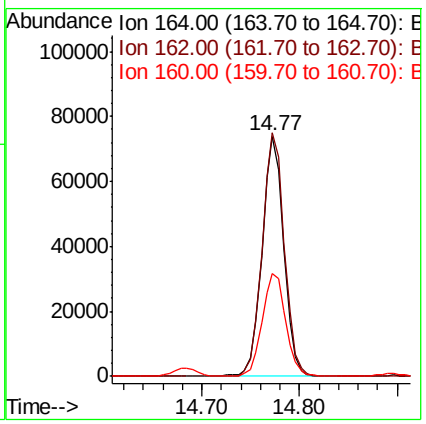


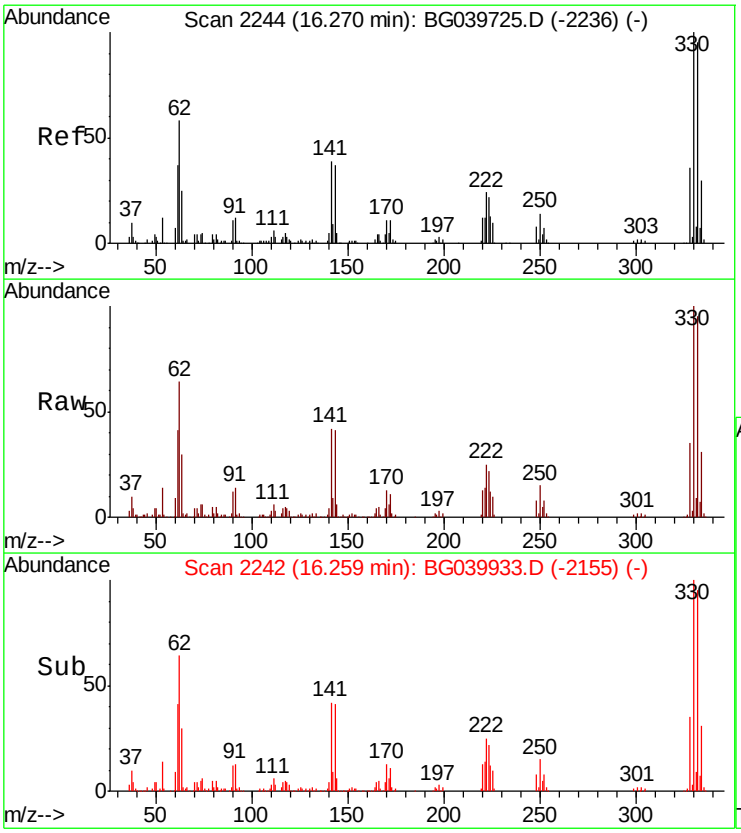
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1989
Delta R.T. -0.02 min
Lab File: BG039933.D
Acq: 14 Mar 2019 20:20

Instrument :
BNA_G
ClientSampleId :
RFK-RMAB-MW12-GW

Tgt Ion:164 Resp: 115392

Ion	Ratio	Lower	Upper
164	100		
162	101.3	81.6	122.4
160	42.8	34.2	51.2

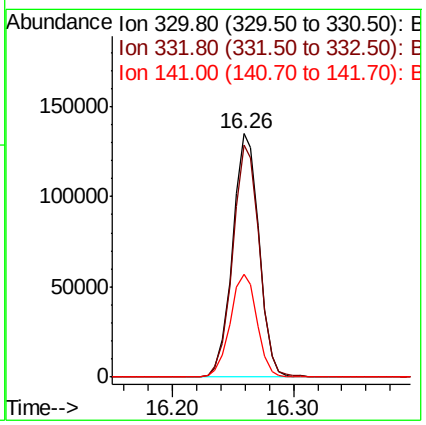


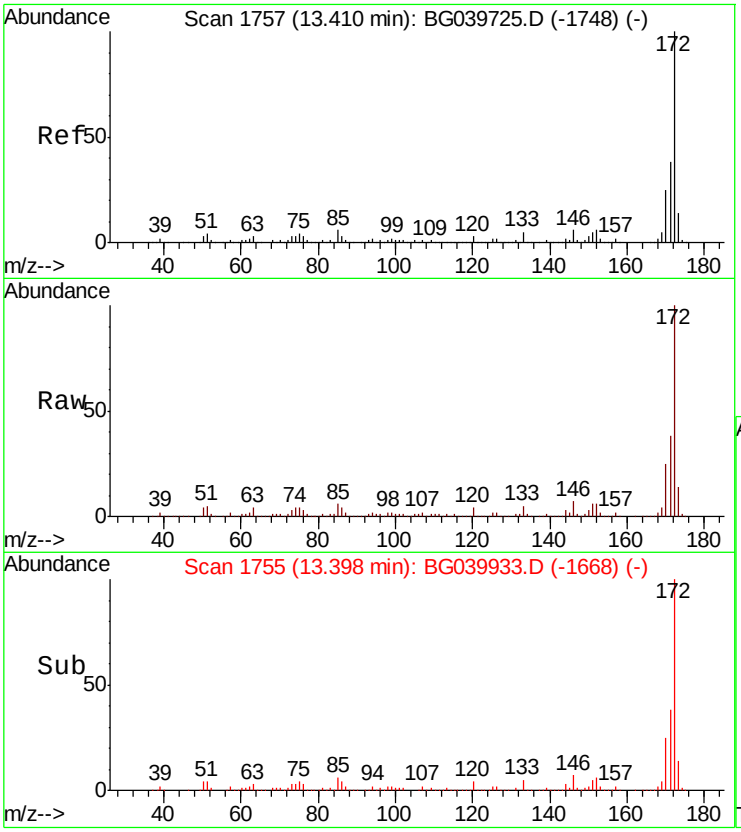


#42
2,4,6-Tribromophenol
Concen: 152.781 ng
RT: 16.26 min Scan# 2242
Delta R.T. -0.02 min
Lab File: BG039933.D
Acq: 14 Mar 2019 20:20

Tgt Ion:330 Resp: 205487

Ion	Ratio	Lower	Upper
330	100		
332	95.8	75.7	113.5
141	43.1	35.6	53.4



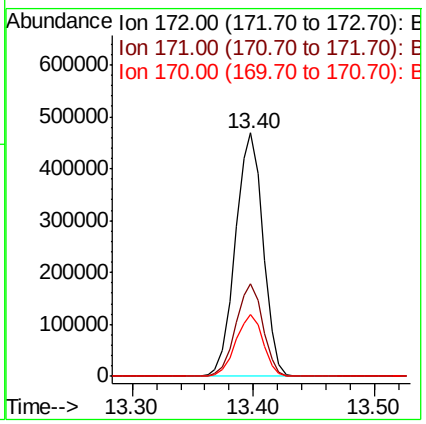


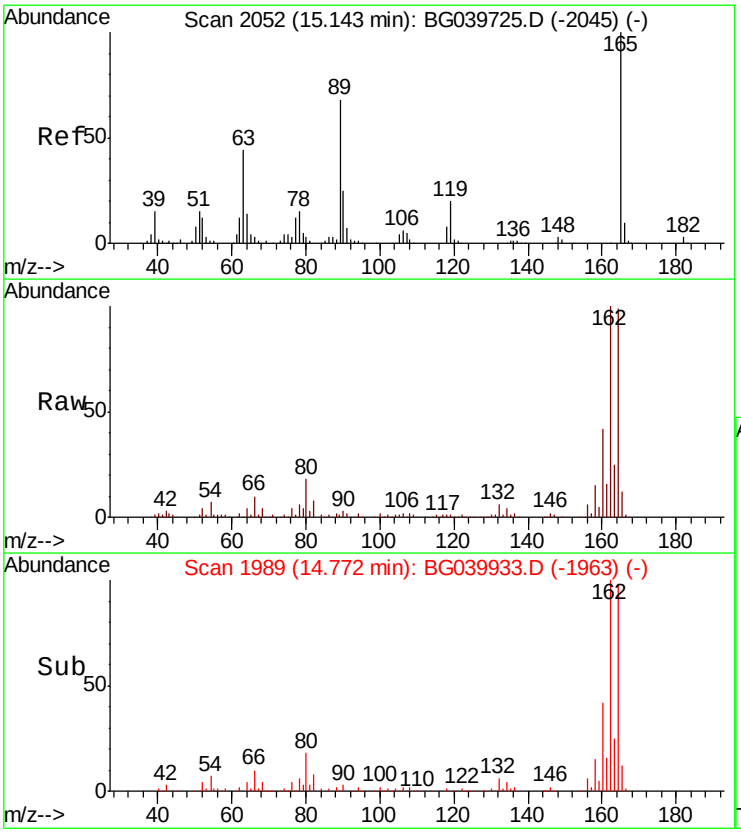
#45
2-Fluorobiphenyl
Concen: 92.140 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.02 min
Lab File: BG039933.D
Acq: 14 Mar 2019 20:20

Instrument :
BNA_G
ClientSampleId :
RFK-RMAB-MW12-GW

Tgt Ion:172 Resp: 746731

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

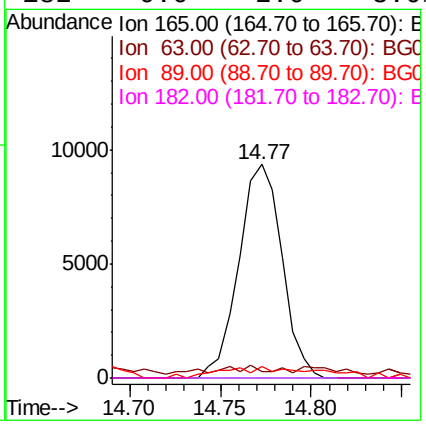


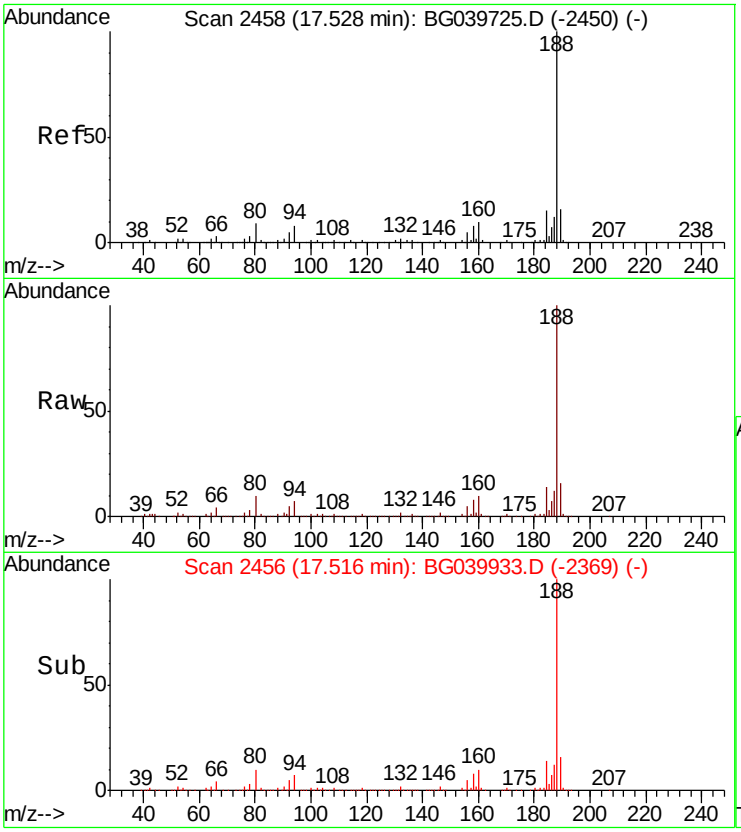


#57
2,4-Dinitrotoluene
Concen: 5.407 ng
RT: 14.77 min Scan# 1989
Delta R.T. -0.38 min
Lab File: BG039933.D
Acq: 14 Mar 2019 20:20

Tgt Ion:165 Resp: 15540

Ion	Ratio	Lower	Upper
165	100		
63	2.8	41.0	61.6#
89	5.6	64.6	96.8#
182	0.0	2.0	3.0#



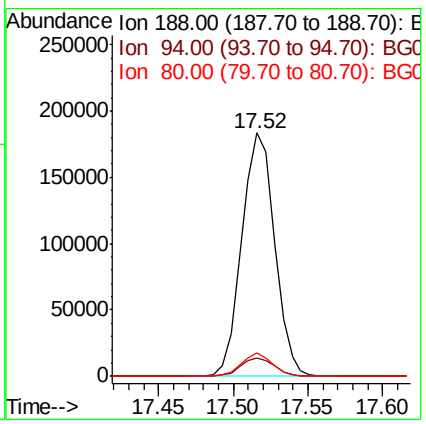


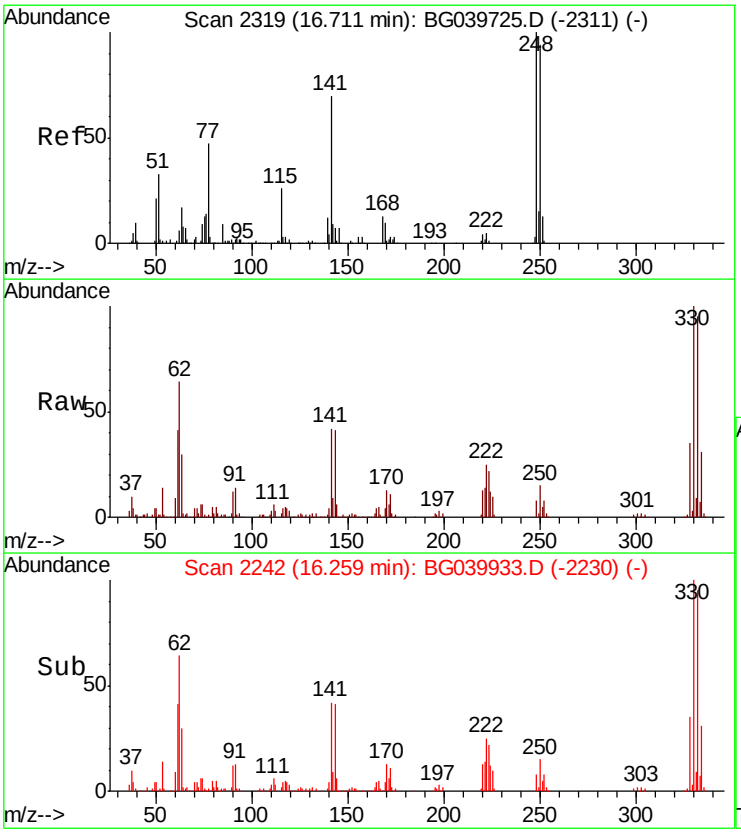
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG039933.D
Acq: 14 Mar 2019 20:20

Instrument :
BNA_G
ClientSampleId :
RFK-RMAB-MW12-GW

Tgt Ion:188 Resp: 278830

Ion	Ratio	Lower	Upper
188	100		
94	7.4	6.9	10.3
80	9.8	8.1	12.1

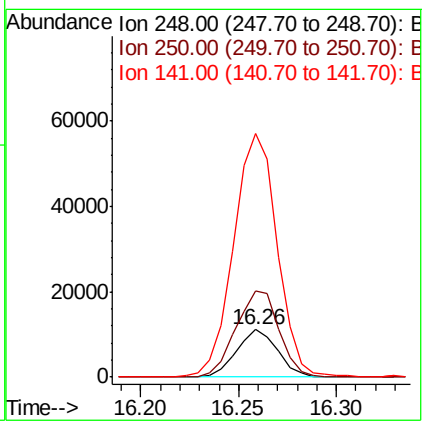


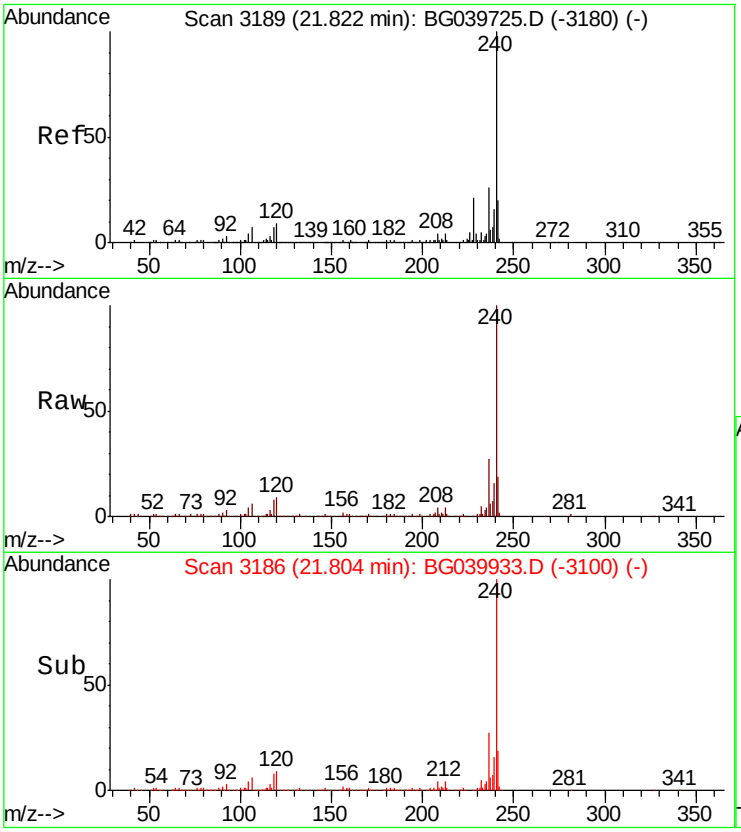


#67
4-Bromophenyl-phenylether
Concen: 5.187 ng
RT: 16.26 min Scan# 2242
Delta R.T. -0.46 min
Lab File: BG039933.D
Acq: 14 Mar 2019 20:20

Tgt Ion:248 Resp: 16188

Ion	Ratio	Lower	Upper
248	100		
250	182.2	77.6	116.4#
141	514.3	63.9	95.9#



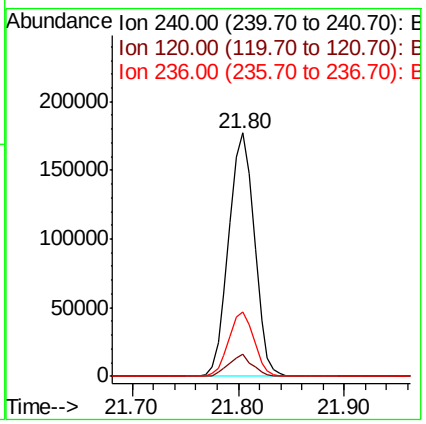


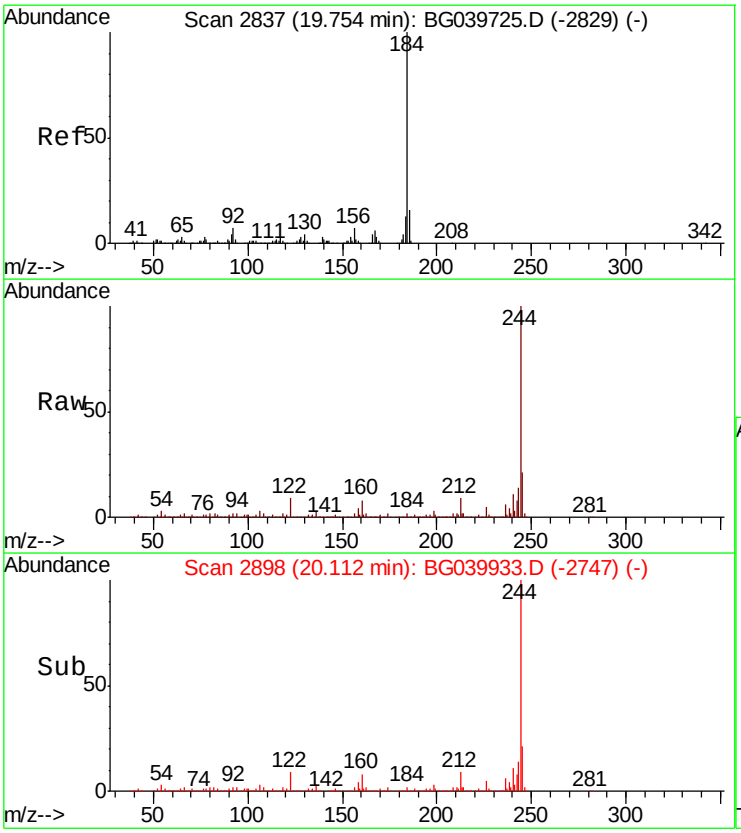
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3186
Delta R.T. -0.02 min
Lab File: BG039933.D
Acq: 14 Mar 2019 20:20

Instrument :
BNA_G
ClientSampleId :
RFK-RMAB-MW12-GW

Tgt Ion:240 Resp: 298300

Ion	Ratio	Lower	Upper
240	100		
120	8.9	7.0	10.6
236	26.7	21.0	31.4

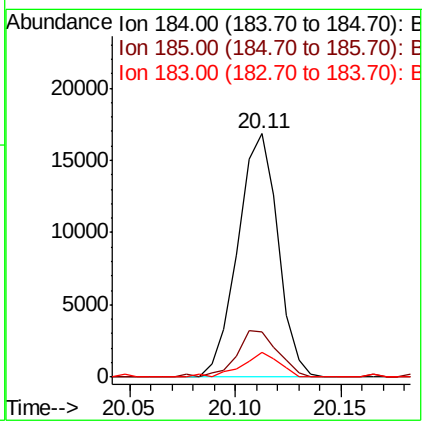


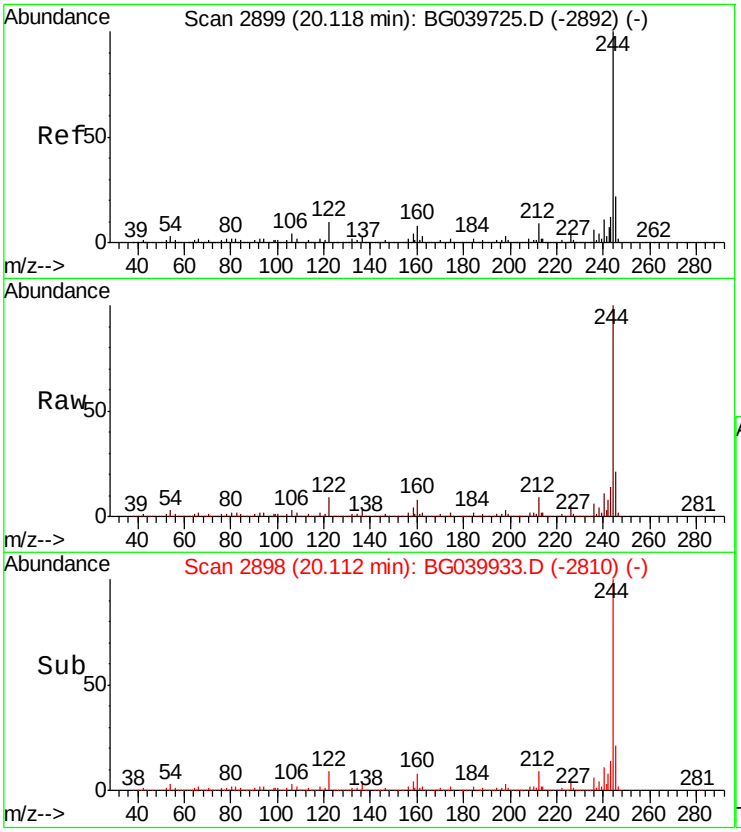


#77
Benzidine
Concen: 2.343 ng
RT: 20.11 min Scan# 2898
Delta R.T. 0.36 min
Lab File: BG039933.D
Acq: 14 Mar 2019 20:20

Tgt Ion:184 Resp: 22181

Ion	Ratio	Lower	Upper
184	100		
185	18.5	12.2	18.2#
183	10.3	10.6	15.8#



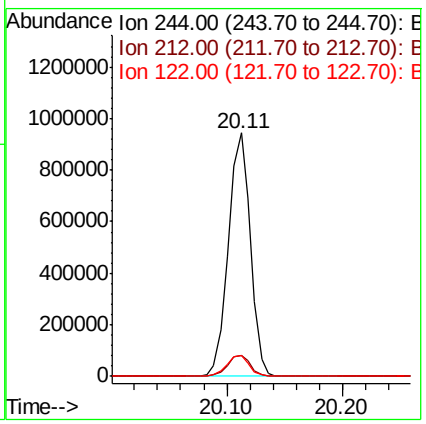


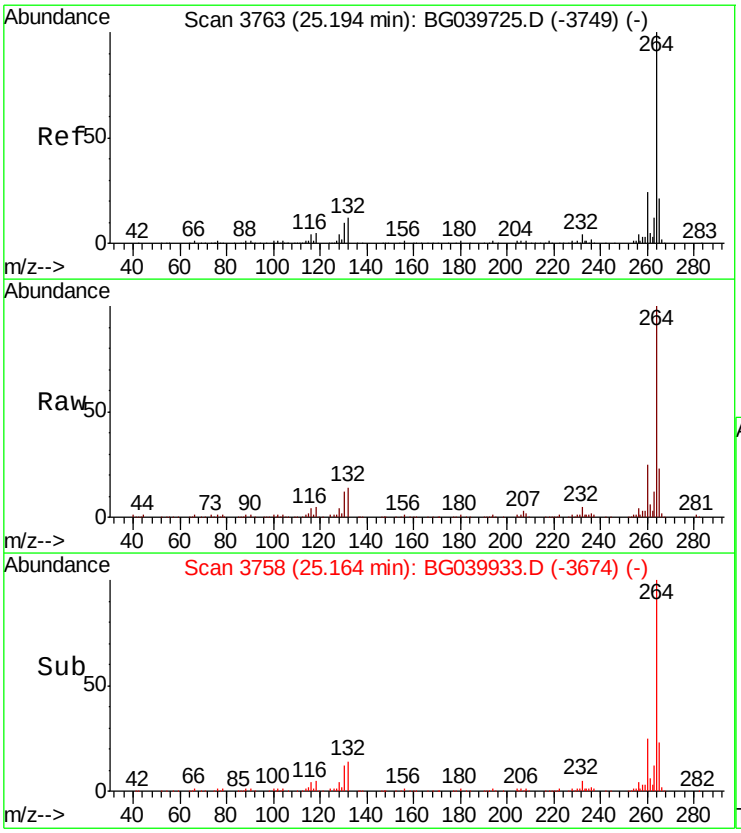
#79
Terphenyl-d14
Concen: 91.658 ng
RT: 20.11 min Scan# 2898
Delta R.T. -0.01 min
Lab File: BG039933.D
Acq: 14 Mar 2019 20:20

Instrument :
BNA_G
ClientSampleId :
RFK-RMAB-MW12-GW

Tgt Ion:244 Resp: 1241786

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





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.16 min Scan# 3758
Delta R.T. -0.04 min
Lab File: BG039933.D
Acq: 14 Mar 2019 20:20

Tgt Ion:264 Resp: 300384

Ion	Ratio	Lower	Upper
264	100		
260	25.4	18.2	27.4
265	22.9	18.5	27.7