Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030419\REVIEWED DATA\
Data File : BG039745.D
Acq On : 5 Mar 2019 00:03
Operator : JU/SJ
Sample : K1705-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PST-028-B002-022719

Quant Time: Mar 05 07:25:52 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	44995	20.00	ng		-0.01
21) Naphthalene-d8	10.98	136	202123	20.00	ng		-0.01
39) Acenaphthene-d10	14.78	164	138948	20.00	ng		-0.01
64) Phenanthrene-d10	17.53	188	351345	20.00	ng		0.00
76) Chrysene-d12	21.82	240	368064	20.00	ng		-0.01
87) Perylene-d12	25.19	264	369893	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	439705	166.72	ng		0.00
7) Phenol-d6	7.30	99	648195	164.83	ng		-0.01
23) Nitrobenzene-d5	9.33	82	384089	102.77	ng		-0.01
42) 2,4,6-Tribromophenol	16.27	330	267618	165.24	ng		0.00
45) 2-Fluorobiphenyl	13.40	172	916127	93.88	ng		-0.01
79) Terphenyl-d14	20.12	244	1420180	84.96	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.33	94	8970	2.106	ng		87
19) n-Nitroso-di-n-propylamine	9.33	70	50687	17.907	ng	#	68
50) Dimethylphthalate	14.22	163	76770	6.607	ng	#	98
57) 2,4-Dinitrotoluene	14.78	165	18675	5.396	ng	#	18
67) 4-Bromophenyl-phenylether	16.27	248	21118	5.370	ng	#	1
77) Benzidine	20.12	184	25338	2.169	ng	#	94

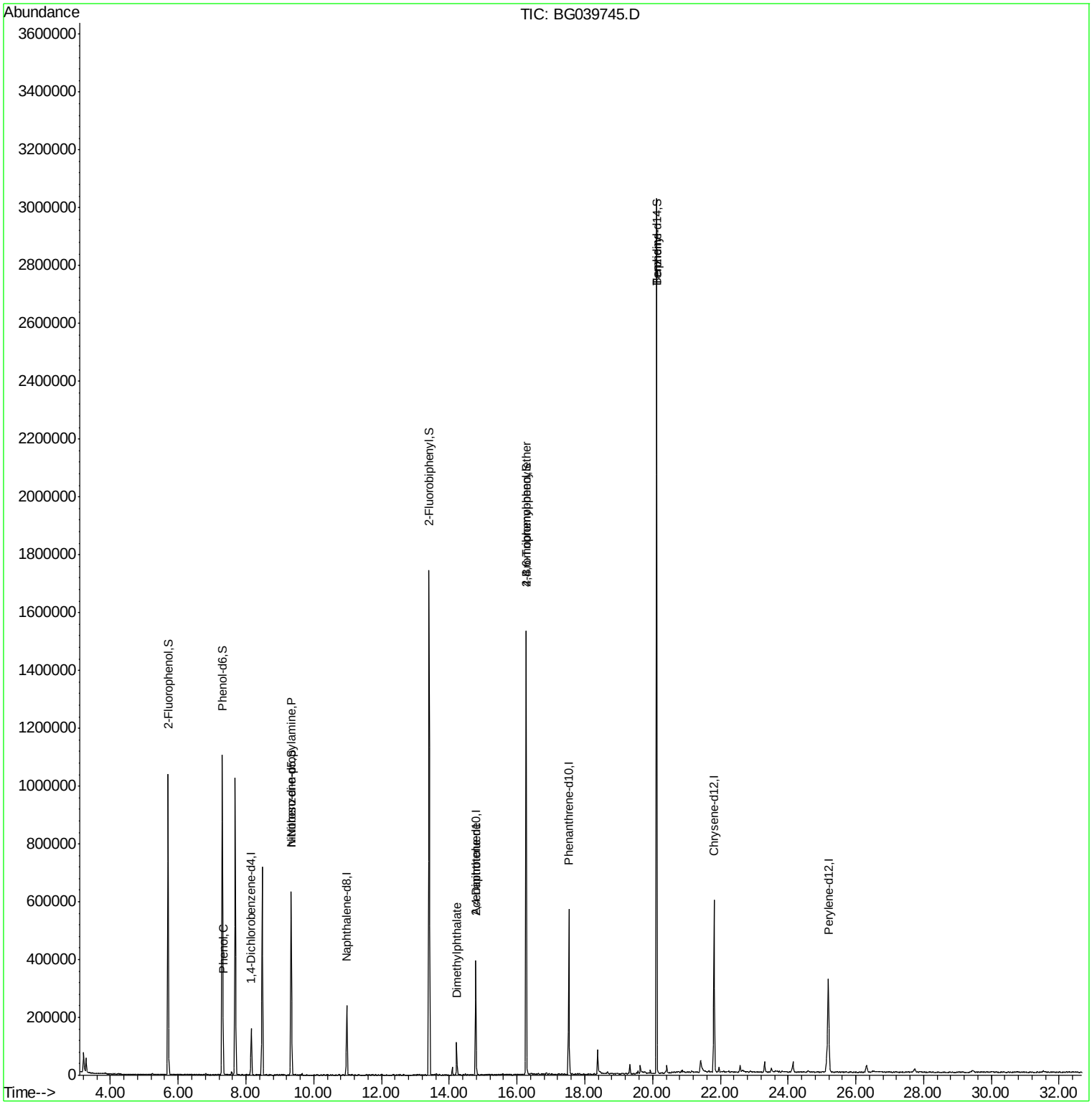
(#) = qualifier out of range (m) = manual integration (+) = signals summed

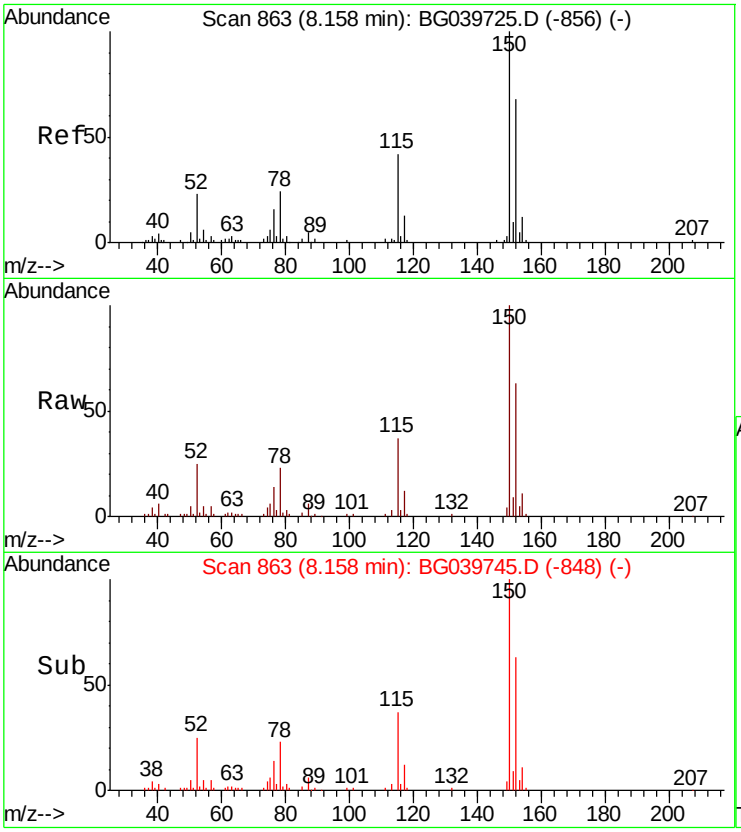
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030419\REVIEWED DATA\
Data File : BG039745.D
Acq On : 5 Mar 2019 00:03
Operator : JU/SJ
Sample : K1705-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PST-028-B002-022719

Quant Time: Mar 05 07:25:52 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



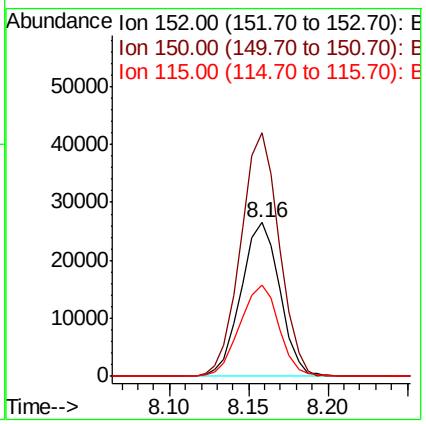


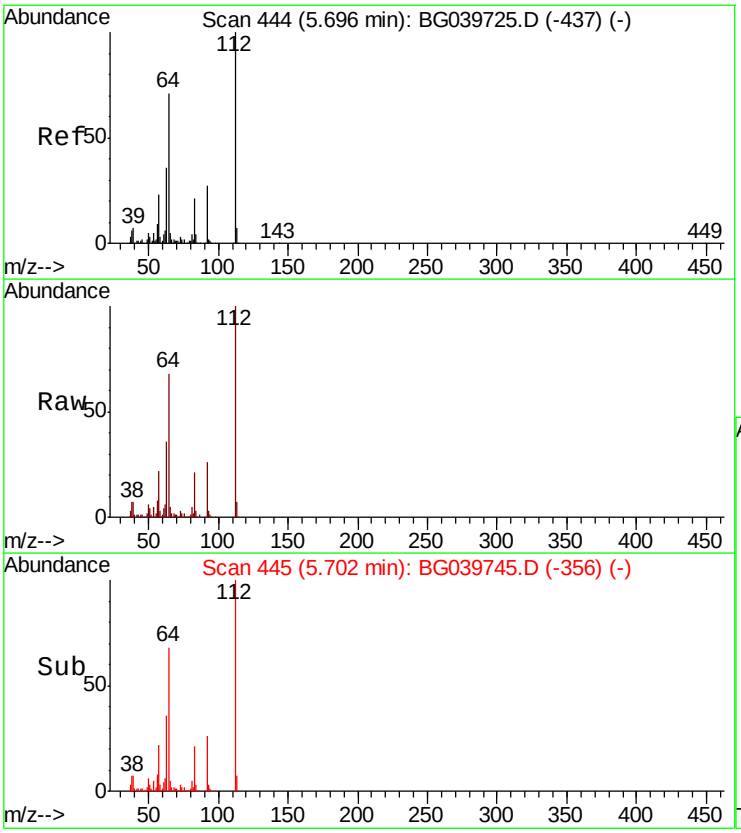
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BG039745.D
Acq: 5 Mar 2019 00:03

Instrument :
BNA_G
ClientSampleId :
PST-028-B002-022719

Tgt Ion:152 Resp: 44995

Ion	Ratio	Lower	Upper
152	100		
150	158.3	123.7	185.5
115	59.2	45.9	68.9

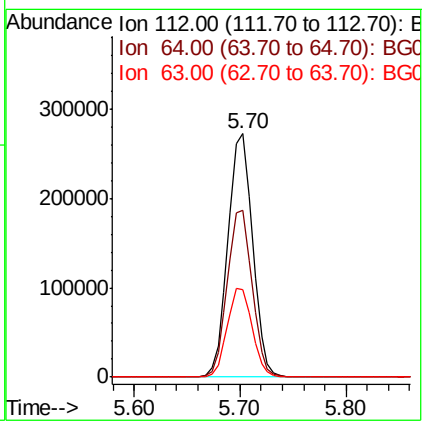


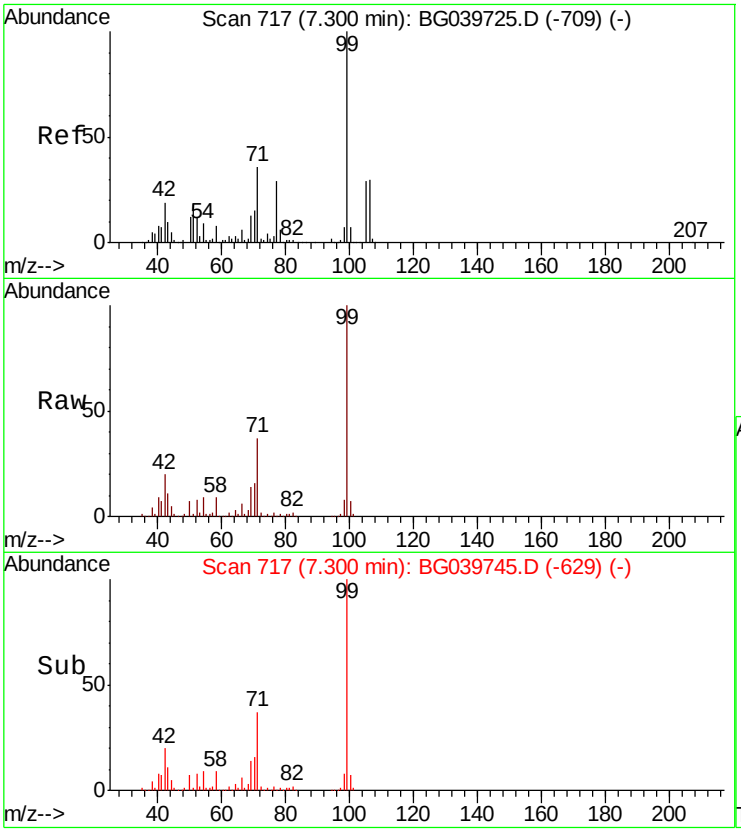


#5
2-Fluorophenol
Concen: 166.716 ng
RT: 5.70 min Scan# 445
Delta R.T. -0.01 min
Lab File: BG039745.D
Acq: 5 Mar 2019 00:03

Tgt Ion:112 Resp: 439705

Ion	Ratio	Lower	Upper
112	100		
64	68.3	57.8	86.8
63	36.1	29.8	44.6



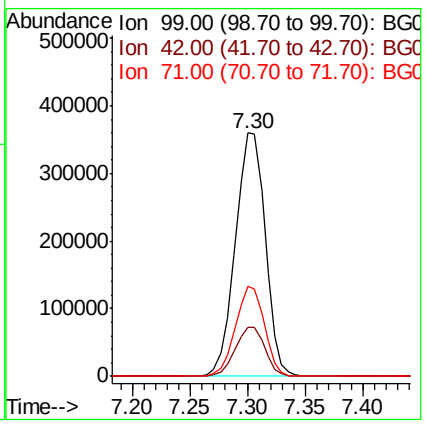


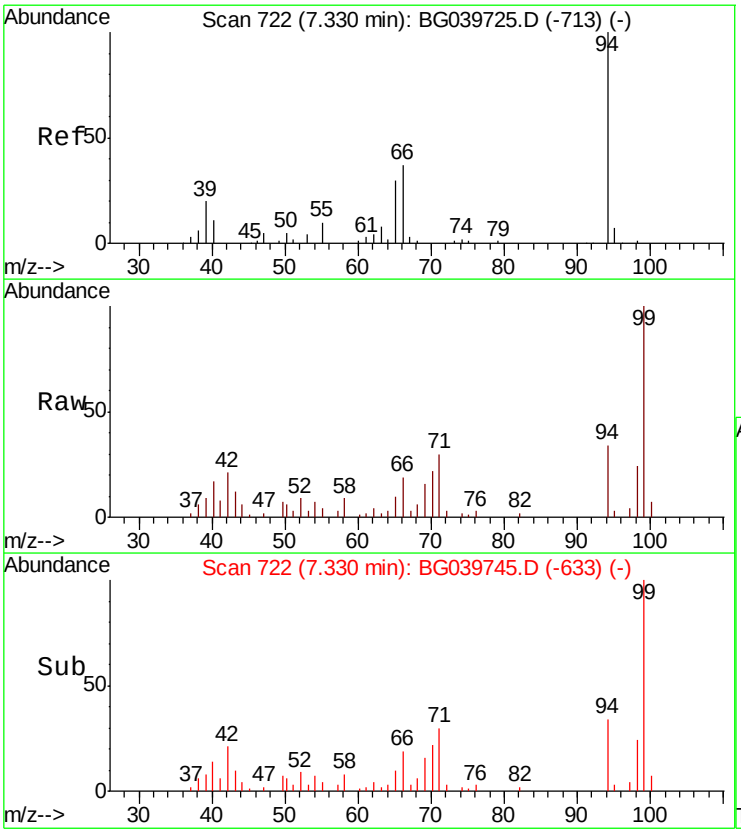
#7
Phenol-d6
Concen: 164.827 ng
RT: 7.30 min Scan# 717
Delta R.T. -0.01 min
Lab File: BG039745.D
Acq: 5 Mar 2019 00:03

Instrument :
BNA_G
ClientSampleId :
PST-028-B002-022719

Tgt Ion: 99 Resp: 648195

Ion	Ratio	Lower	Upper
99	100		
42	20.0	18.2	27.2
71	37.1	28.0	42.0

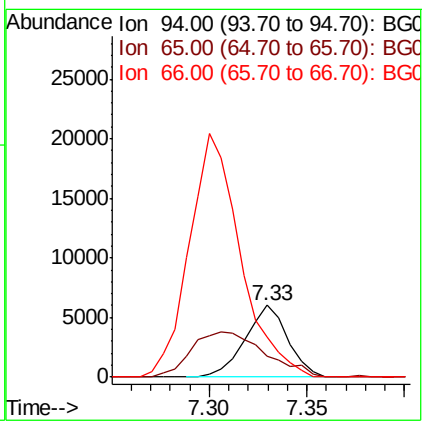


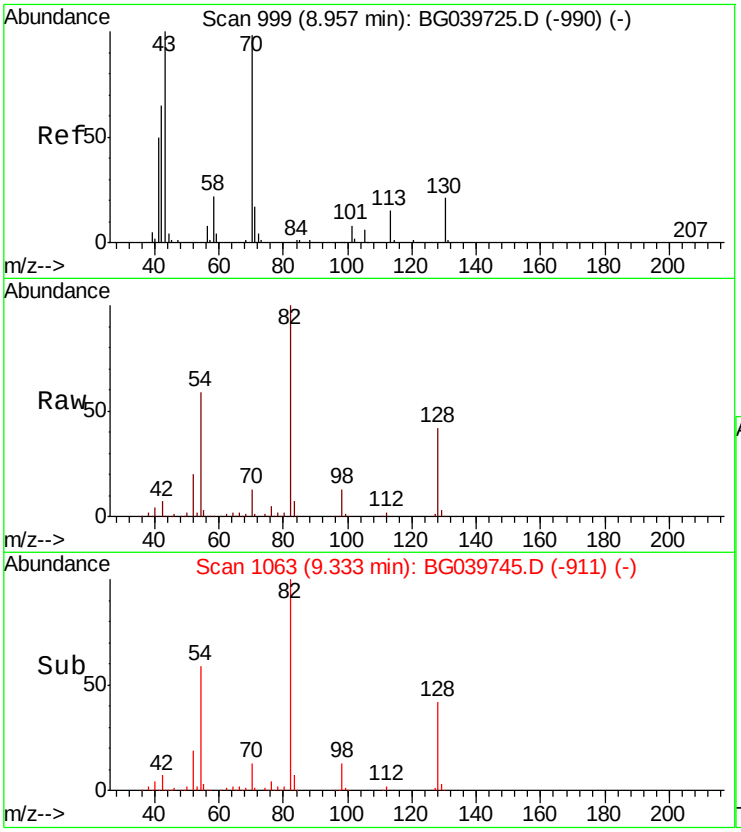


#10
Phenol
Concen: 2.106 ng
RT: 7.33 min Scan# 722
Delta R.T. -0.01 min
Lab File: BG039745.D
Acq: 5 Mar 2019 00:03

Tgt Ion: 94 Resp: 8970

Ion	Ratio	Lower	Upper
94	100		
65	29.5	11.7	51.7
66	56.4	23.7	63.7



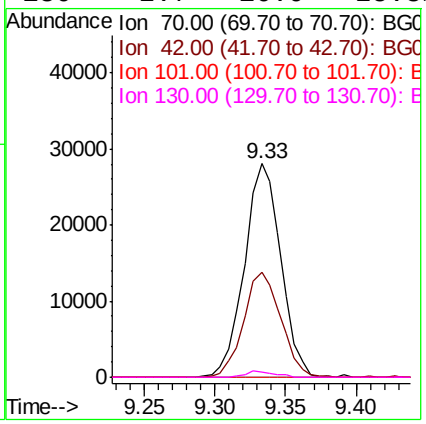


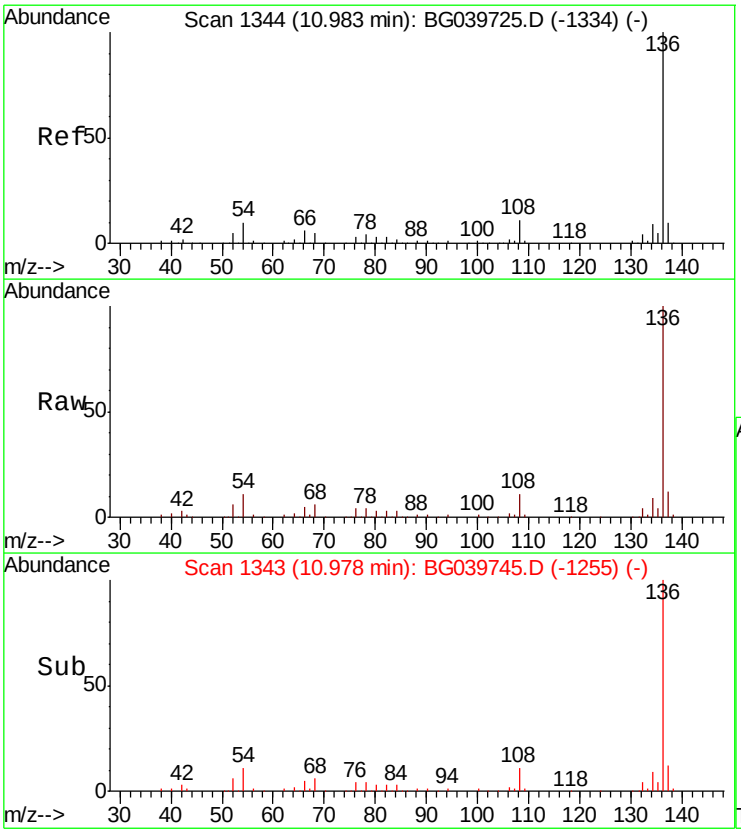
#19
n-Nitroso-di-n-propylamine
Concen: 17.907 ng
RT: 9.33 min Scan# 1063
Delta R.T. 0.36 min
Lab File: BG039745.D
Acq: 5 Mar 2019 00:03

Instrument :
BNA_G
ClientSampleId :
PST-028-B002-022719

Tgt Ion: 70 Resp: 50687

Ion	Ratio	Lower	Upper
70	100		
42	49.0	60.4	90.6#
101	0.0	7.5	11.3#
130	2.7	16.9	25.3#

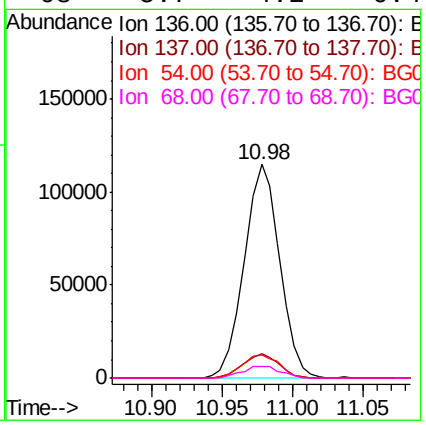


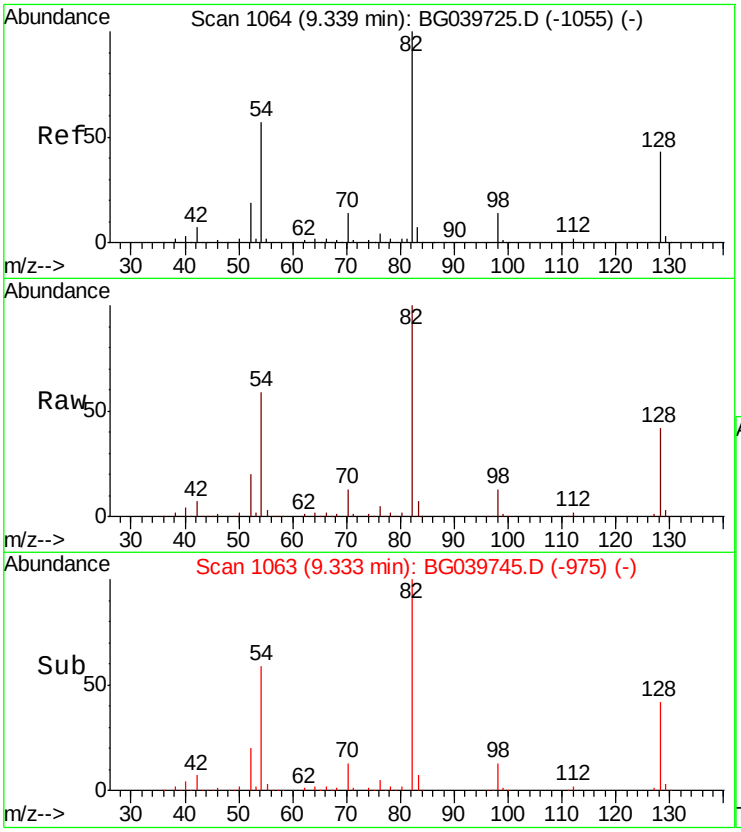


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG039745.D
Acq: 5 Mar 2019 00:03

Tgt Ion:136 Resp: 202123

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.1	13.7
54	10.7	9.4	14.2
68	5.7	4.2	6.4



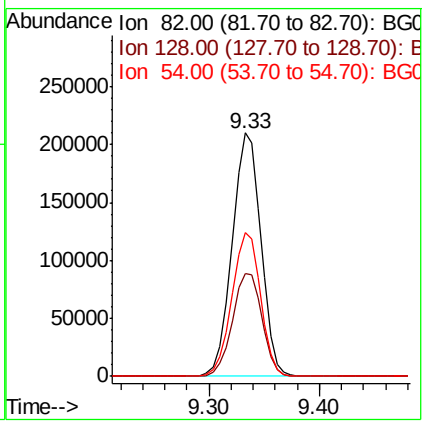


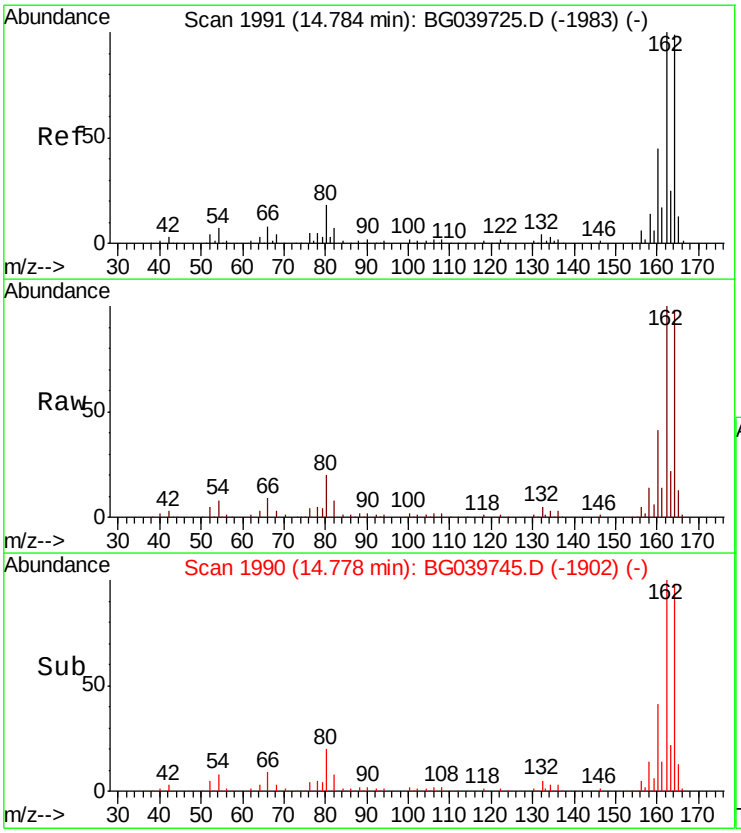
#23
Nitrobenzene-d5
Concen: 102.774 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG039745.D
Acq: 5 Mar 2019 00:03

Instrument :
BNA_G
ClientSampleId :
PST-028-B002-022719

Tgt Ion: 82 Resp: 384089

Ion	Ratio	Lower	Upper
82	100		
128	42.1	31.3	46.9
54	59.1	50.9	76.3

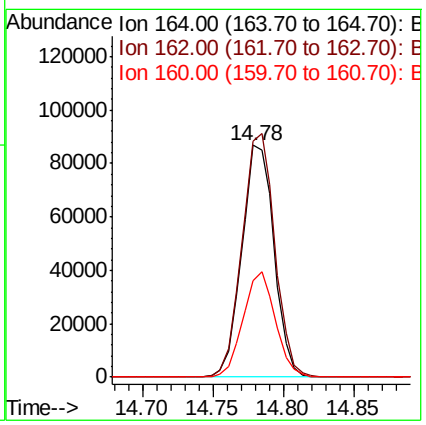


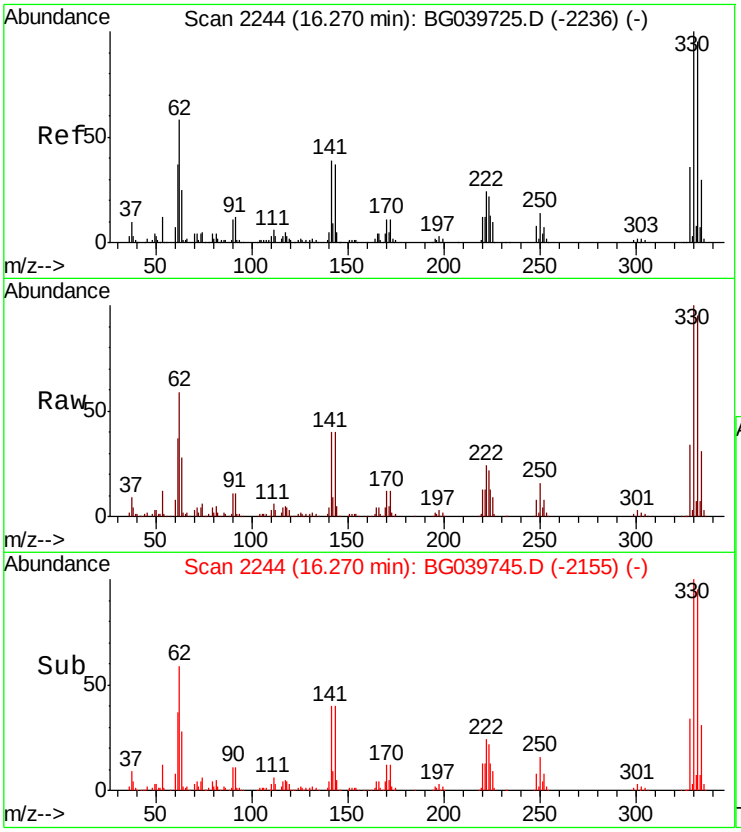


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BG039745.D
Acq: 5 Mar 2019 00:03

Tgt Ion:164 Resp: 138948

Ion	Ratio	Lower	Upper
164	100		
162	101.6	81.6	122.4
160	41.8	34.2	51.2



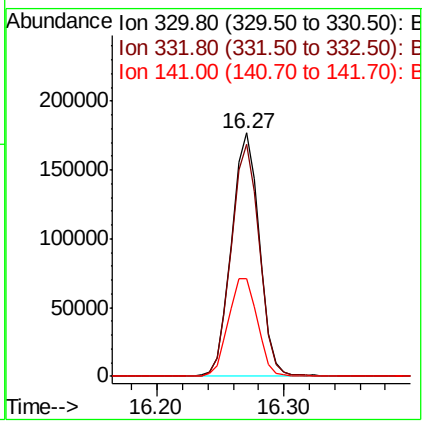


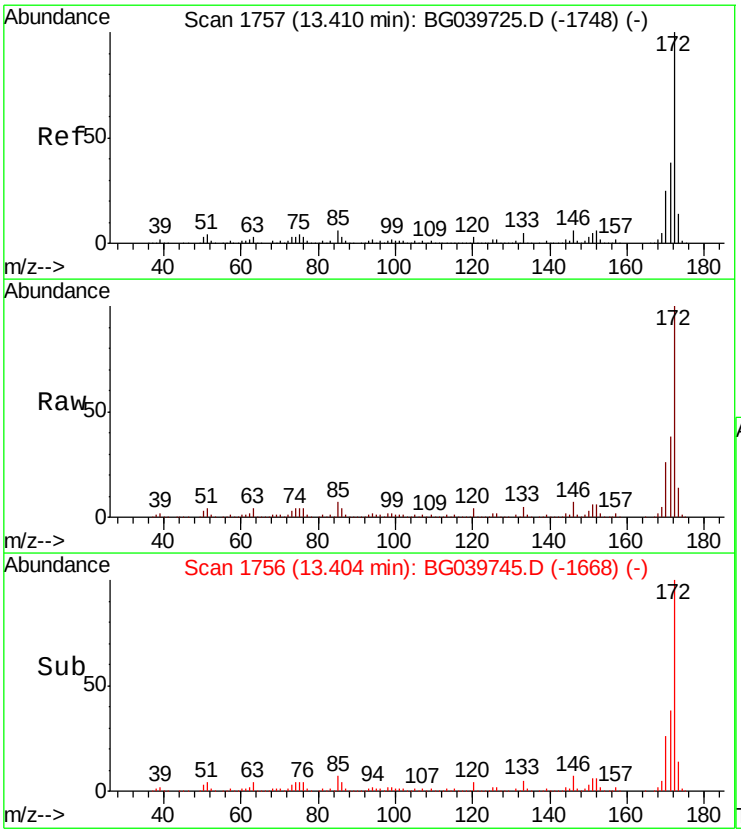
#42
2,4,6-Tribromophenol
Concen: 165.243 ng
RT: 16.27 min Scan# 2244
Delta R.T. -0.01 min
Lab File: BG039745.D
Acq: 5 Mar 2019 00:03

Instrument :
BNA_G
ClientSampleId :
PST-028-B002-022719

Tgt Ion:330 Resp: 267618

Ion	Ratio	Lower	Upper
330	100		
332	96.3	75.7	113.5
141	42.1	35.6	53.4

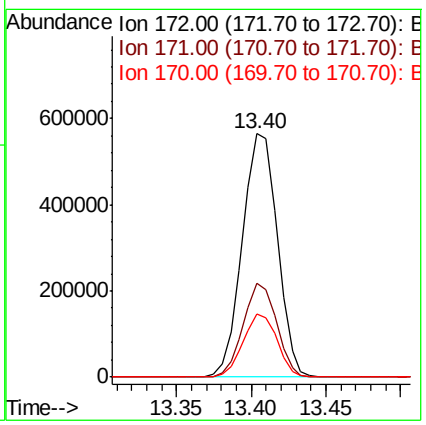


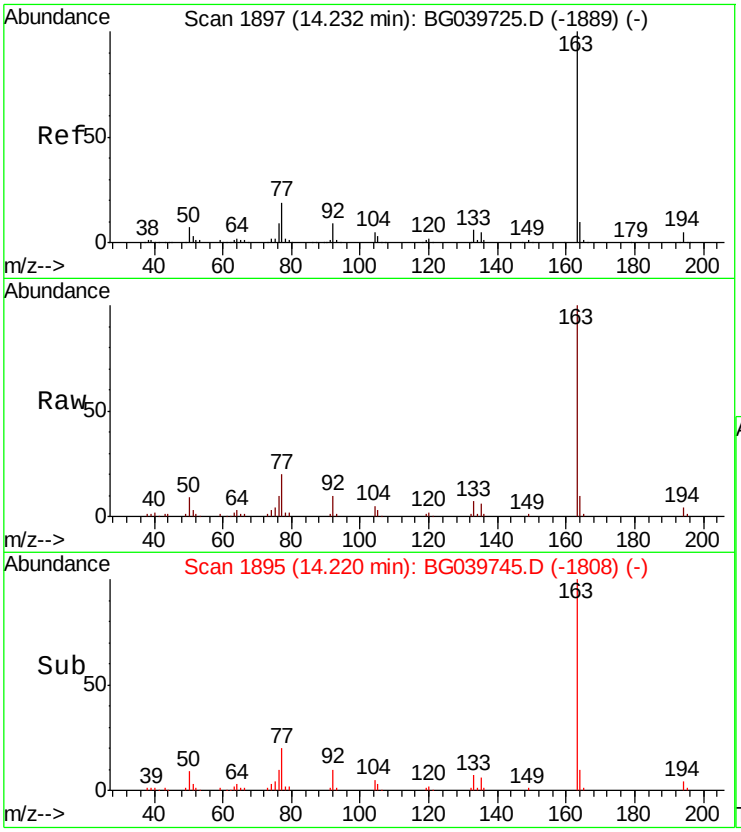


#45
2-Fluorobiphenyl
Concen: 93.877 ng
RT: 13.40 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BG039745.D
Acq: 5 Mar 2019 00:03

Tgt Ion:172 Resp: 916127

Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.8	46.2
170	25.7	20.2	30.4



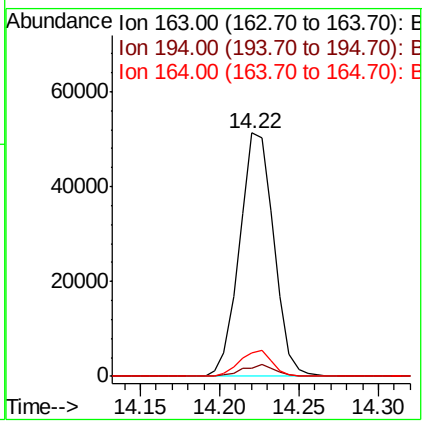


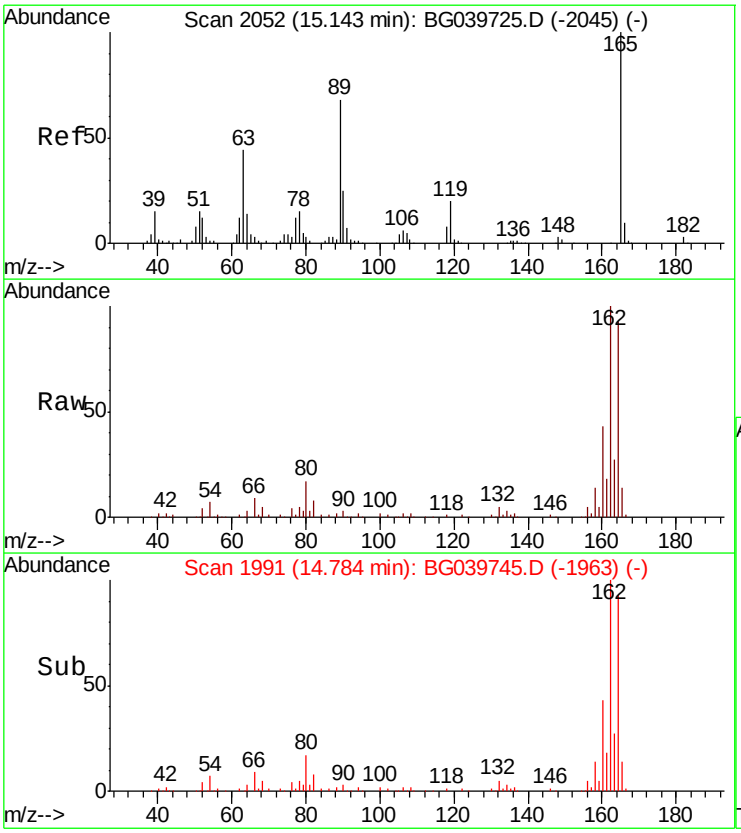
#50
Dimethylphthalate
Concen: 6.607 ng
RT: 14.22 min Scan# 1895
Delta R.T. -0.02 min
Lab File: BG039745.D
Acq: 5 Mar 2019 00:03

Instrument :
BNA_G
ClientSampleId :
PST-028-B002-022719

Tgt Ion:163 Resp: 76770

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.6	5.4#
164	9.8	8.4	12.6

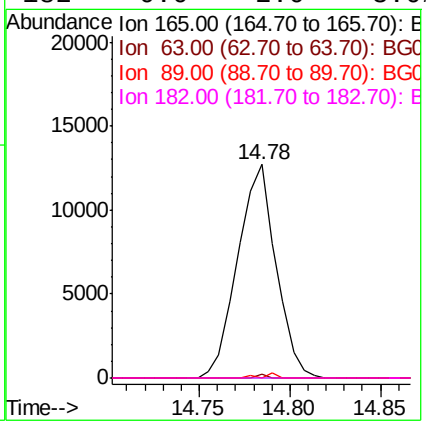


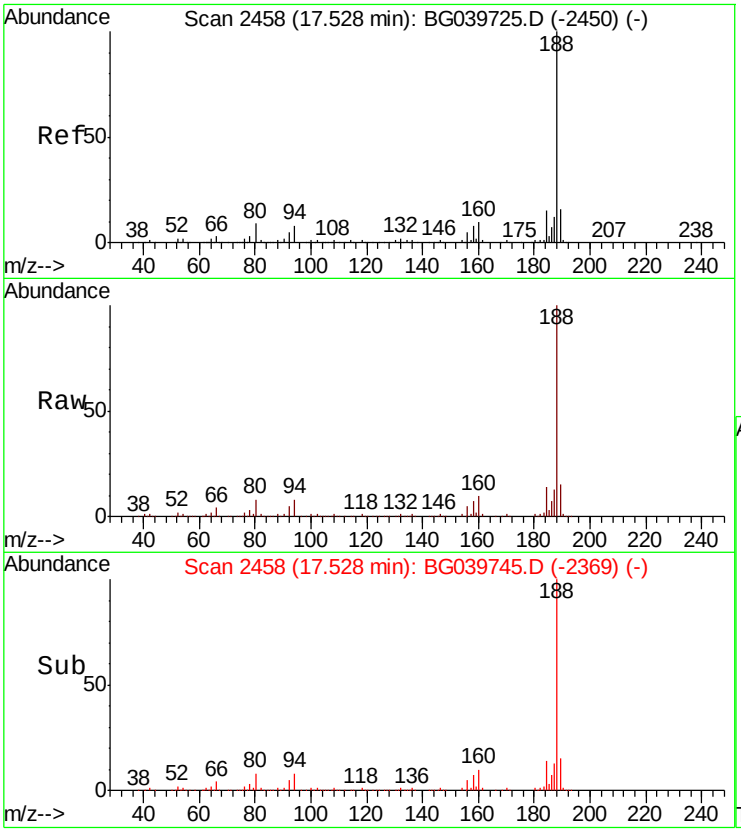


#57
2,4-Dinitrotoluene
Concen: 5.396 ng
RT: 14.78 min Scan# 1991
Delta R.T. -0.36 min
Lab File: BG039745.D
Acq: 5 Mar 2019 00:03

Tgt Ion:165 Resp: 18675

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#



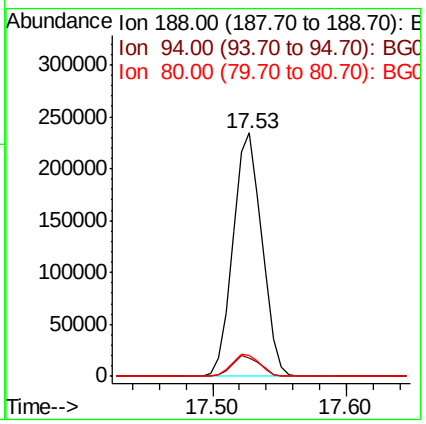


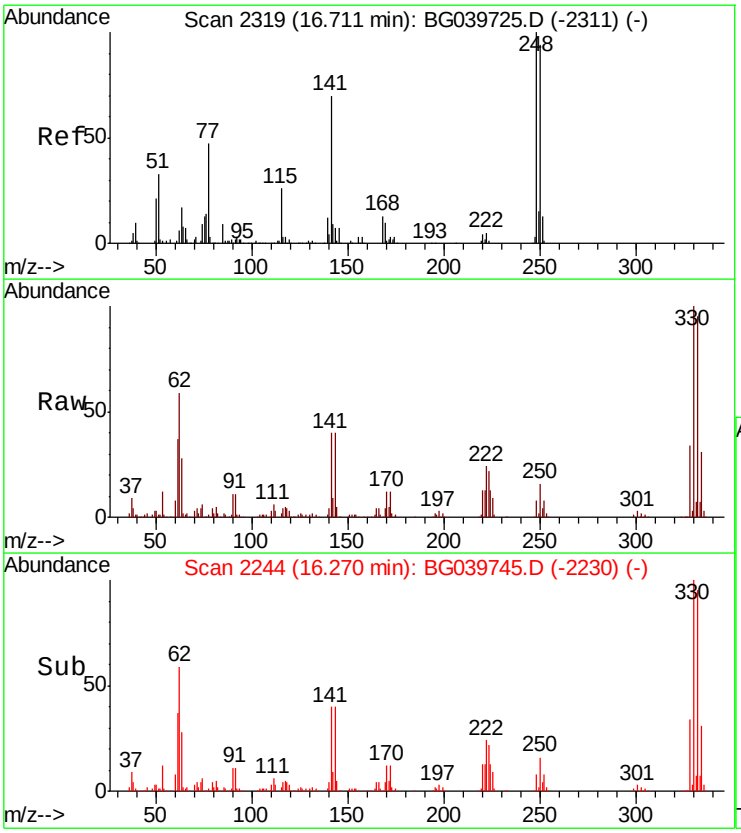
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BG039745.D
Acq: 5 Mar 2019 00:03

Instrument :
BNA_G
ClientSampleId :
PST-028-B002-022719

Tgt Ion:188 Resp: 351345

Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.9	10.3
80	8.5	8.1	12.1

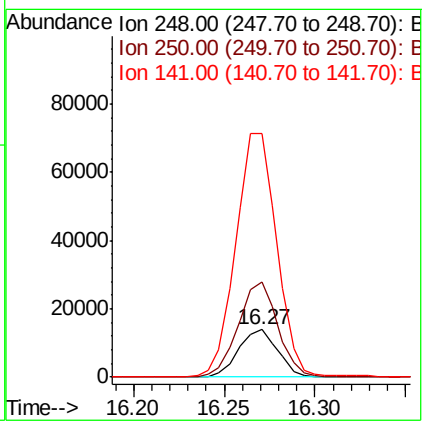


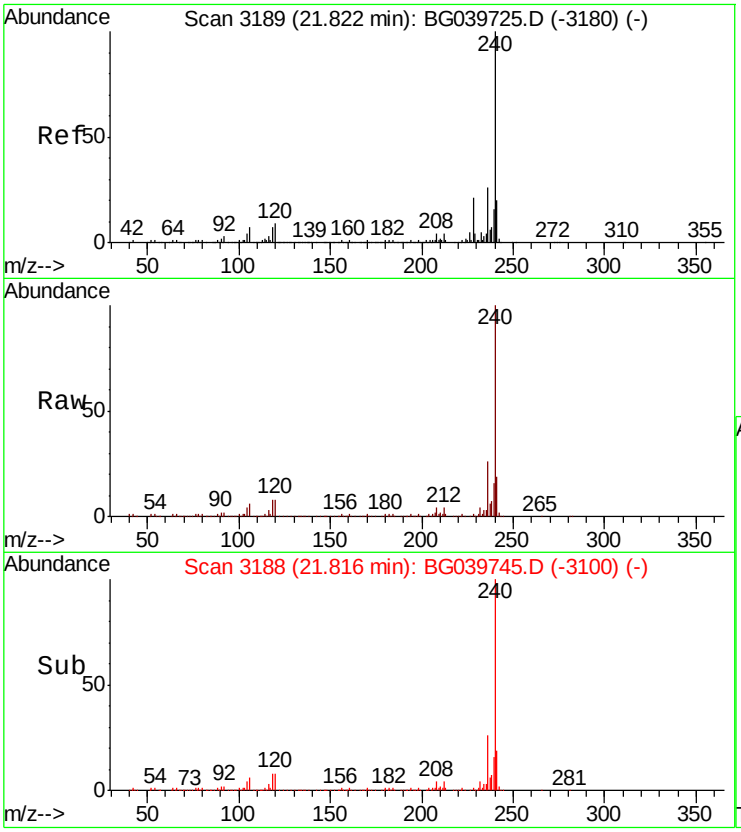


#67
4-Bromophenyl-phenylether
Concen: 5.370 ng
RT: 16.27 min Scan# 2244
Delta R.T. -0.45 min
Lab File: BG039745.D
Acq: 5 Mar 2019 00:03

Tgt Ion:248 Resp: 21118

Ion	Ratio	Lower	Upper
248	100		
250	200.7	77.6	116.4#
141	512.4	63.9	95.9#



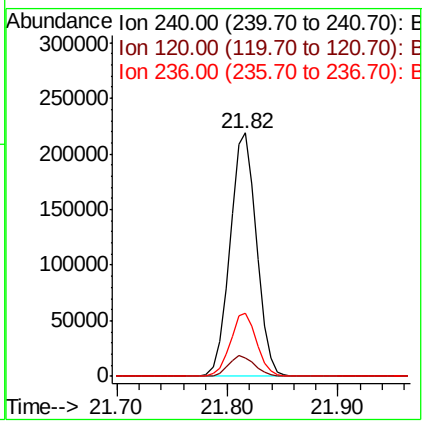


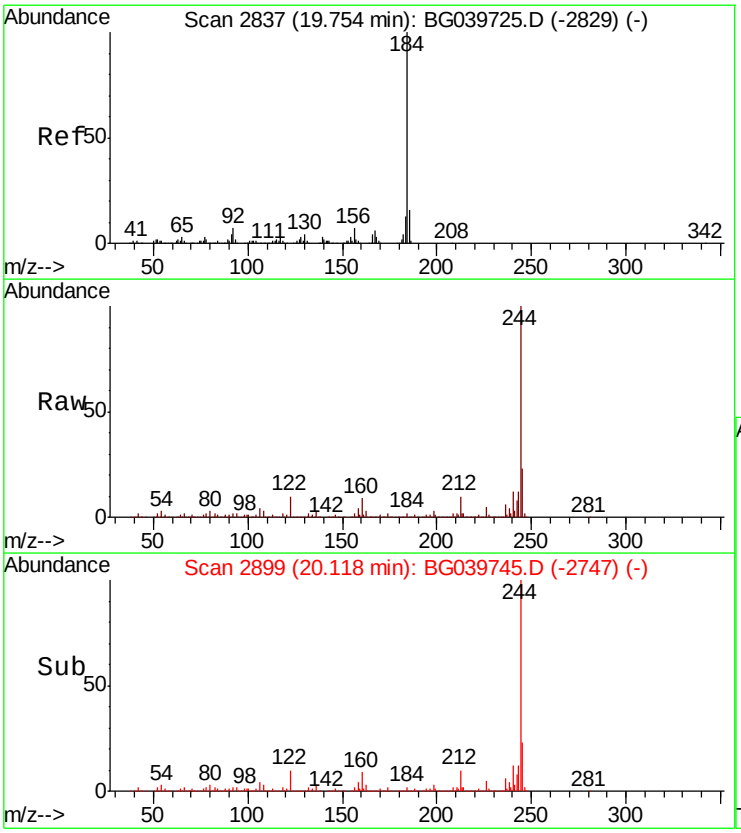
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.82 min Scan# 3188
Delta R.T. -0.01 min
Lab File: BG039745.D
Acq: 5 Mar 2019 00:03

Instrument :
BNA_G
ClientSampleId :
PST-028-B002-022719

Tgt Ion:240 Resp: 368064

Ion	Ratio	Lower	Upper
240	100		
120	7.5	7.0	10.6
236	26.0	21.0	31.4

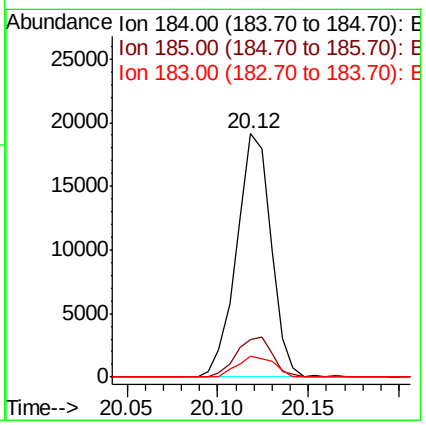


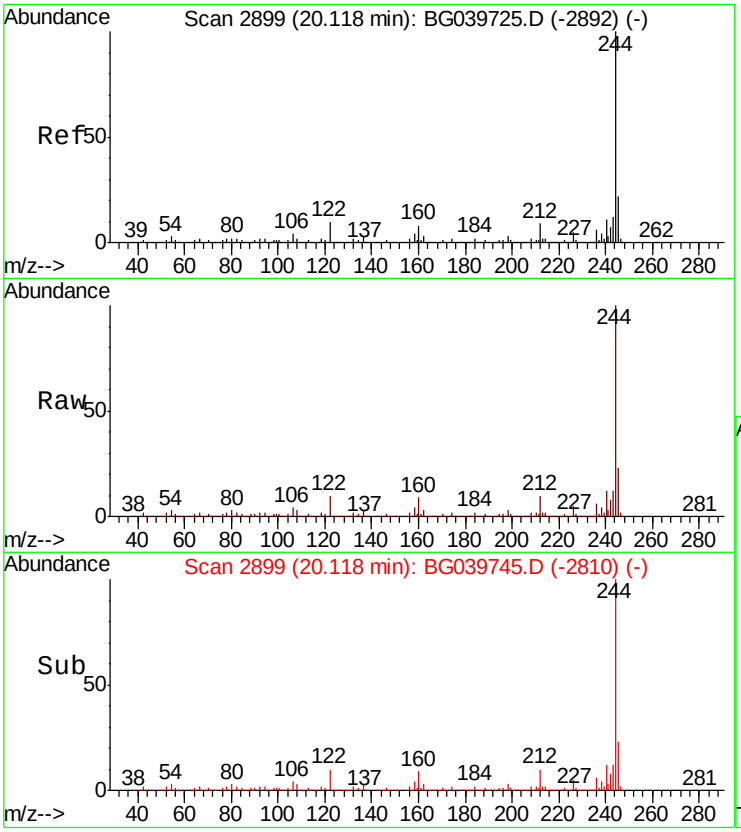


#77
Benzidine
Concen: 2.169 ng
RT: 20.12 min Scan# 2899
Delta R.T. 0.36 min
Lab File: BG039745.D
Acq: 5 Mar 2019 00:03

Tgt Ion:184 Resp: 25338

Ion	Ratio	Lower	Upper
184	100		
185	15.6	12.2	18.2
183	8.8	10.6	15.8#



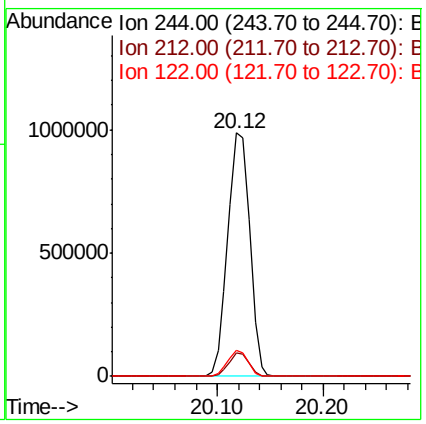


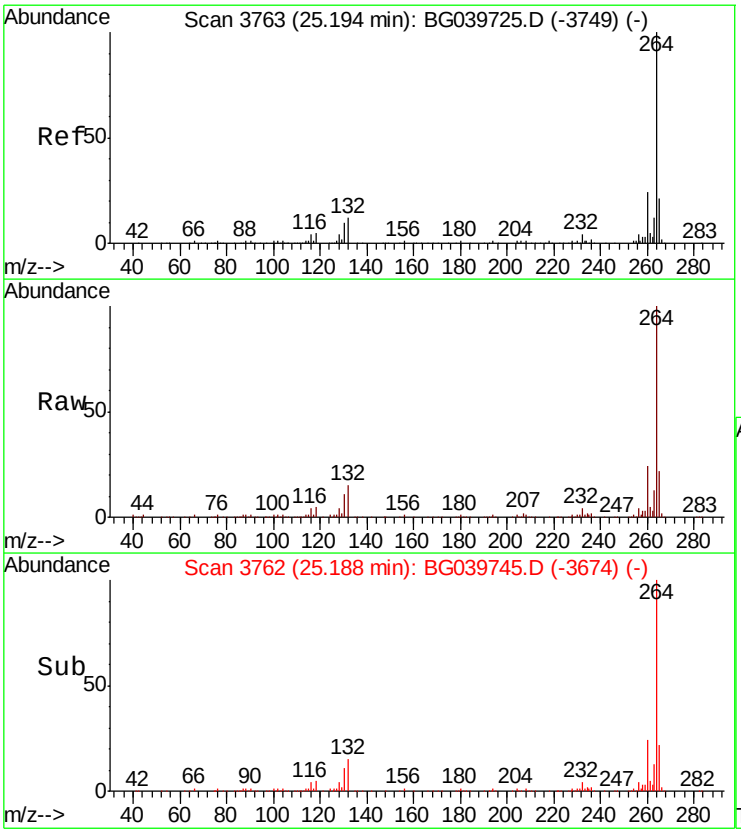
#79
Terphenyl-d14
Concen: 84.957 ng
RT: 20.12 min Scan# 2899
Delta R.T. -0.01 min
Lab File: BG039745.D
Acq: 5 Mar 2019 00:03

Instrument :
BNA_G
ClientSampleId :
PST-028-B002-022719

Tgt Ion:244 Resp: 1420180

Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.3	10.9
122	10.5	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: BG039745.D
Acq: 5 Mar 2019 00:03

Tgt Ion:264 Resp: 369893

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.2	27.4
265	22.1	18.5	27.7