Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030619\
Data File : BG039790.D
Acq On : 6 Mar 2019 16:48
Operator : JU/SJ
Sample : K1704-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PST-028-SW003-022719

Quant Time: Mar 07 00:09:52 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	43370	20.00	ng		-0.01
21) Naphthalene-d8	10.97	136	195709	20.00	ng		-0.02
39) Acenaphthene-d10	14.78	164	136705	20.00	ng		-0.01
64) Phenanthrene-d10	17.52	188	339946	20.00	ng		-0.01
76) Chrysene-d12	21.81	240	331904	20.00	ng		-0.02
87) Perylene-d12	25.18	264	335896	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	358364	140.97	ng		-0.01
7) Phenol-d6	7.30	99	538772	142.14	ng		-0.01
23) Nitrobenzene-d5	9.33	82	307356	84.94	ng		-0.01
42) 2,4,6-Tribromophenol	16.27	330	221383	138.94	ng		-0.01
45) 2-Fluorobiphenyl	13.41	172	769791	80.18	ng		-0.01
79) Terphenyl-d14	20.12	244	1185061	78.62	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.33	94	15717	3.827	ng		93
11) bis(2-Chloroethyl)ether	7.57	93	6821	2.130	ng	#	17
19) n-Nitroso-di-n-propylamine	9.33	70	39533	14.490	ng	#	72
50) Dimethylphthalate	14.22	163	54596	4.776	ng		99
57) 2,4-Dinitrotoluene	14.78	165	17866	5.247	ng	#	18
67) 4-Bromophenyl-phenylether	16.27	248	16826	4.422	ng	#	1
77) Benzidine	20.12	184	21112	2.005	ng	#	94

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

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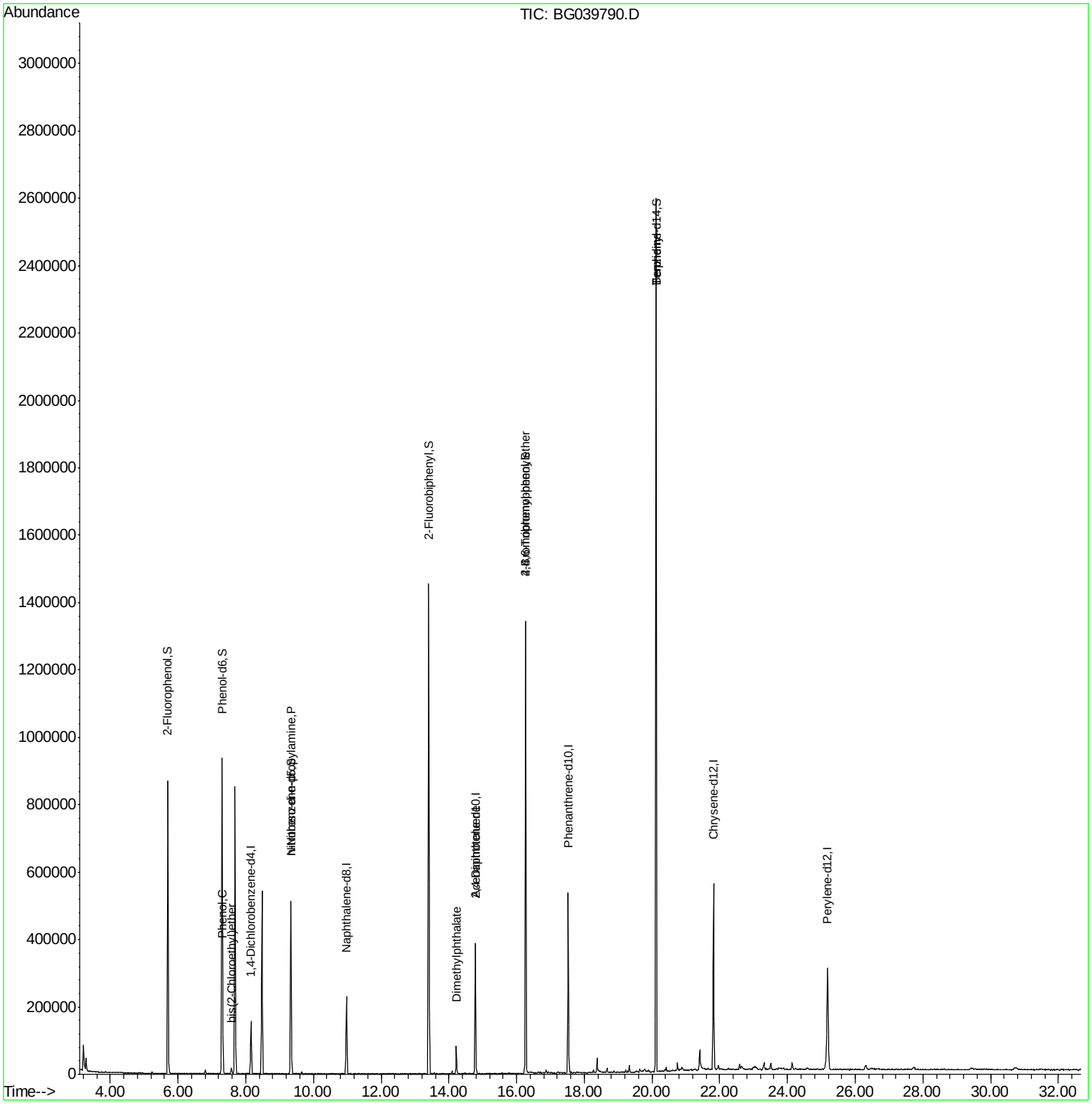
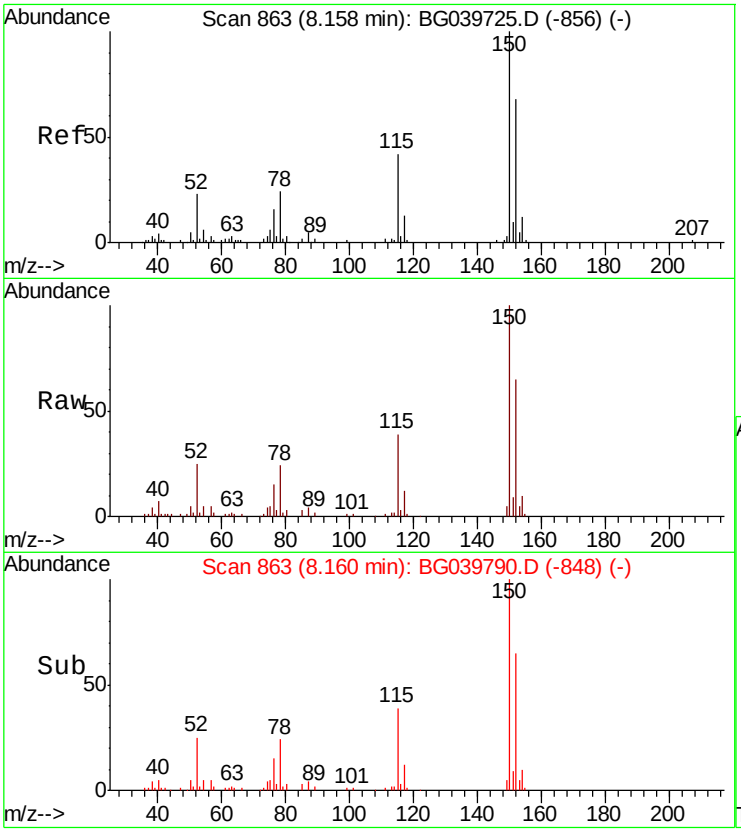


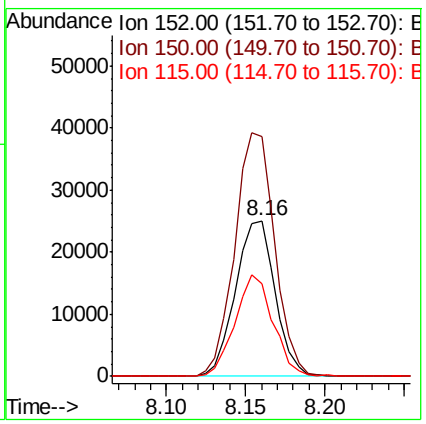


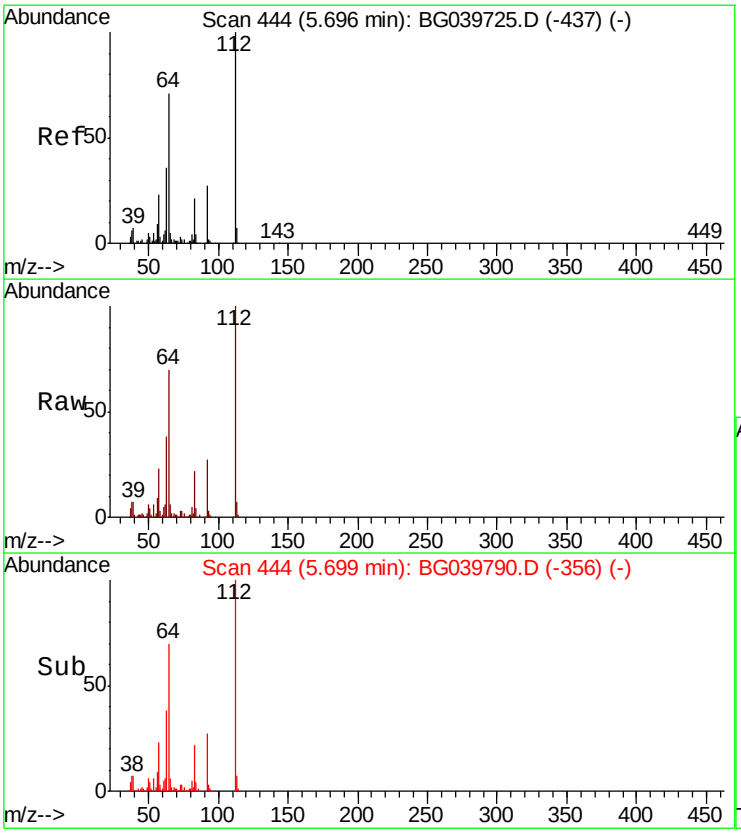
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BG039790.D
Acq: 6 Mar 2019 16:48

Instrument :
BNA_G
ClientSampleId :
PST-028-SW003-022719

Tgt Ion:152 Resp: 43370

Ion	Ratio	Lower	Upper
152	100		
150	154.1	123.7	185.5
115	59.5	45.9	68.9

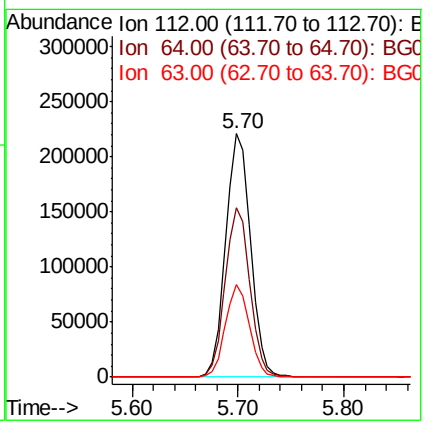


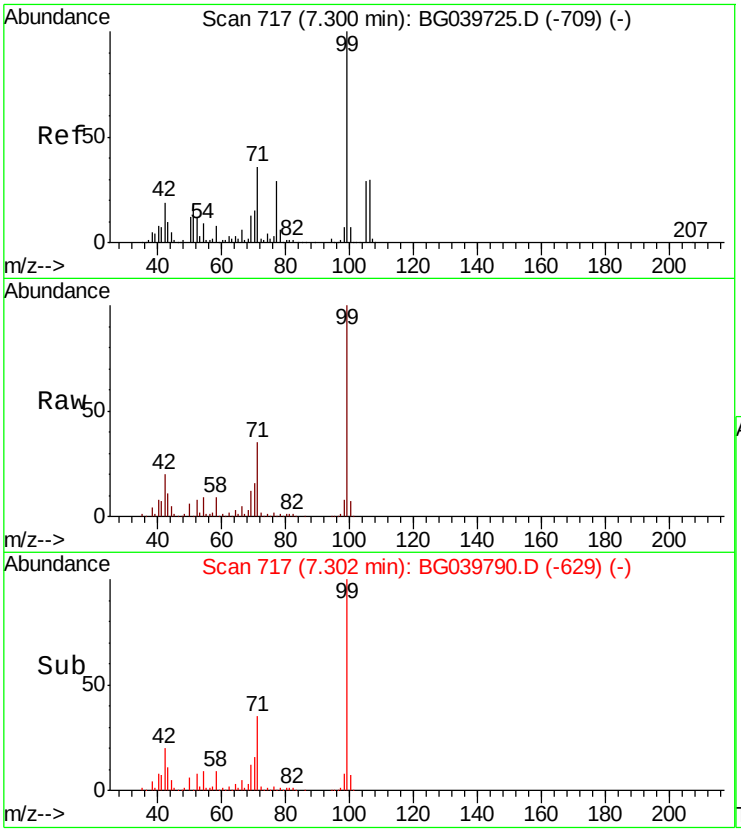


#5
2-Fluorophenol
Concen: 140.967 ng
RT: 5.70 min Scan# 444
Delta R.T. -0.01 min
Lab File: BG039790.D
Acq: 6 Mar 2019 16:48

Tgt Ion:112 Resp: 358364

Ion	Ratio	Lower	Upper
112	100		
64	69.7	57.8	86.8
63	37.8	29.8	44.6



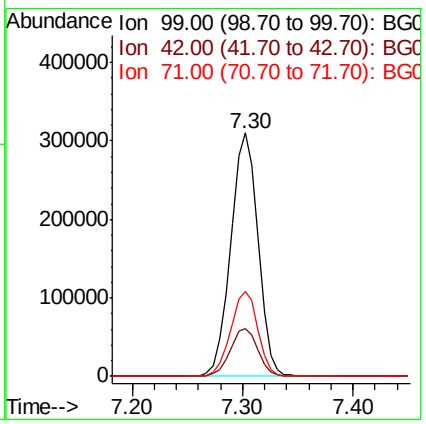


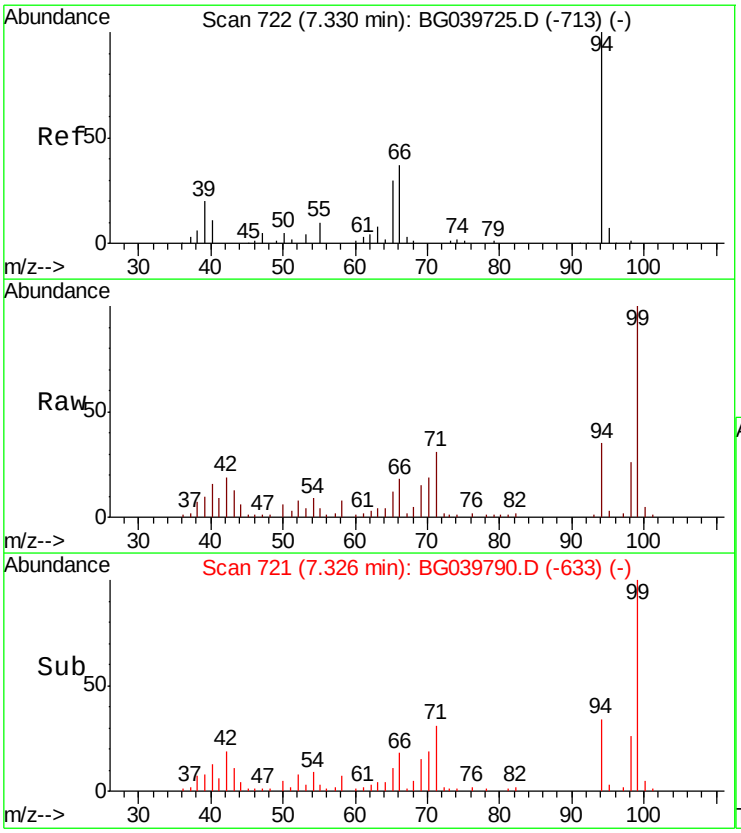
#7
Phenol-d6
Concen: 142.135 ng
RT: 7.30 min Scan# 717
Delta R.T. -0.01 min
Lab File: BG039790.D
Acq: 6 Mar 2019 16:48

Instrument :
BNA_G
ClientSampleId :
PST-028-SW003-022719

Tgt Ion: 99 Resp: 538772

Ion	Ratio	Lower	Upper
99	100		
42	19.8	18.2	27.2
71	35.1	28.0	42.0

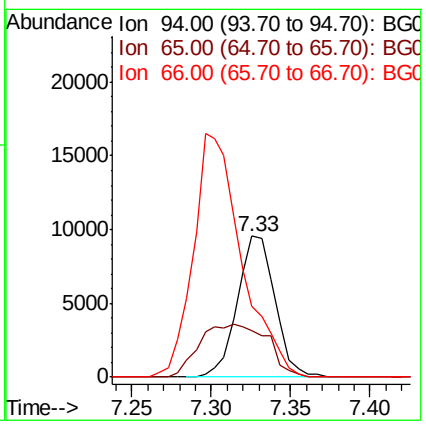


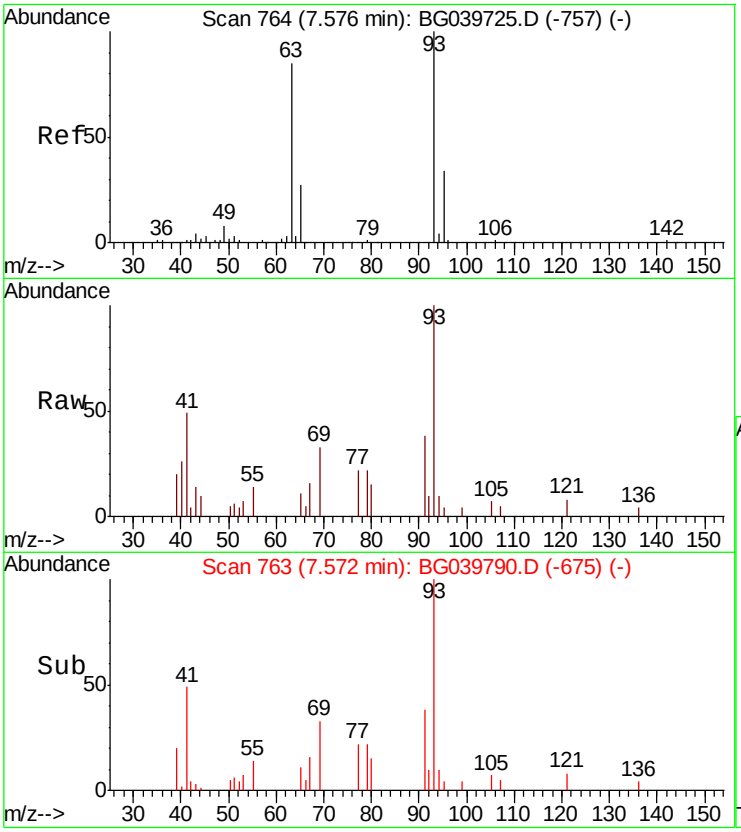


#10
Phenol
Concen: 3.827 ng
RT: 7.33 min Scan# 721
Delta R.T. -0.01 min
Lab File: BG039790.D
Acq: 6 Mar 2019 16:48

Tgt Ion: 94 Resp: 15717

Ion	Ratio	Lower	Upper
94	100		
65	33.1	11.7	51.7
66	50.3	23.7	63.7



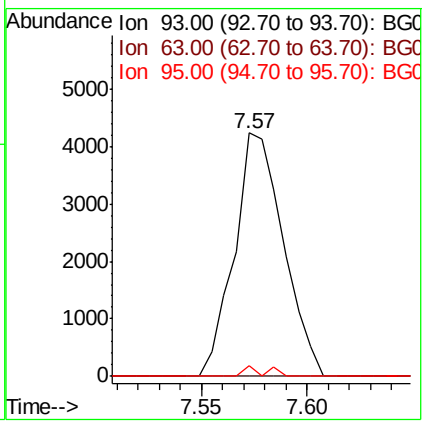


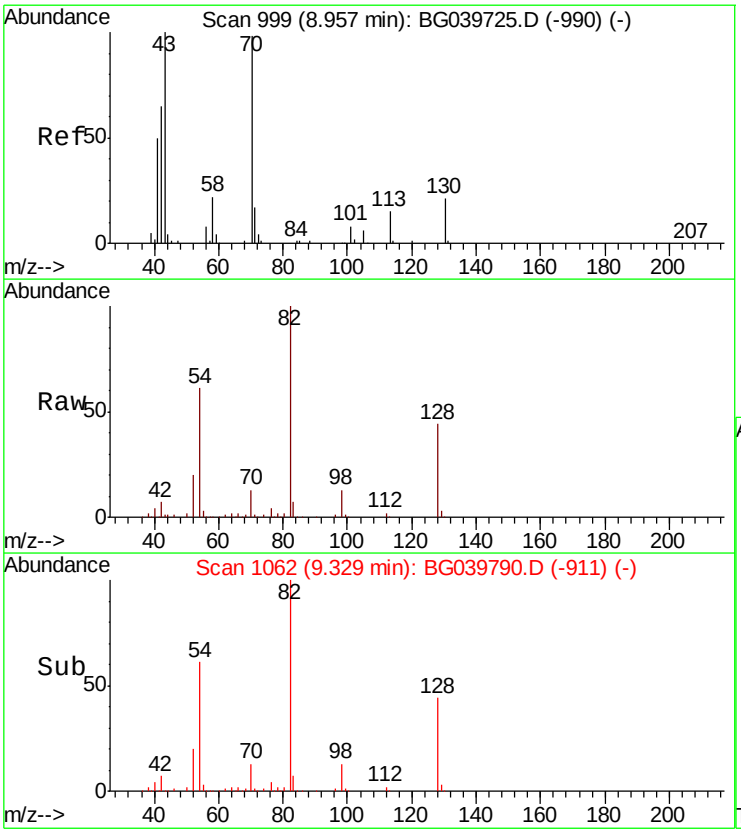
#11
bis(2-Chloroethyl)ether
Concen: 2.130 ng
RT: 7.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BG039790.D
Acq: 6 Mar 2019 16:48

Instrument :
BNA_G
ClientSampleId :
PST-028-SW003-022719

Tgt Ion: 93 Resp: 6821

Ion	Ratio	Lower	Upper
93	100		
63	0.0	69.5	109.5#
95	4.4	12.7	52.7#

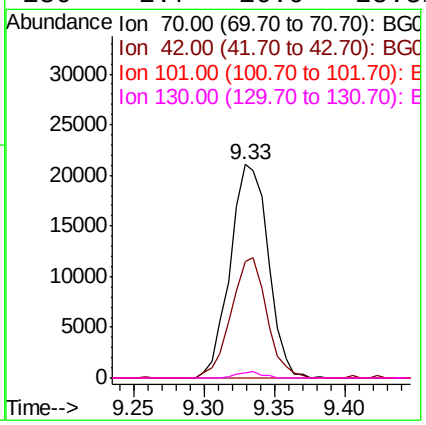


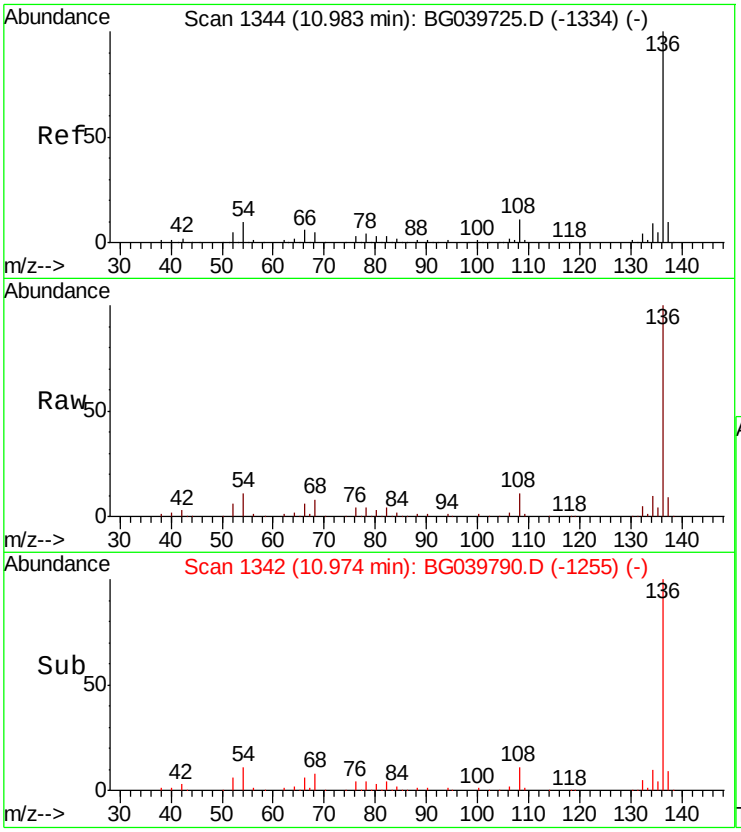


#19
n-Nitroso-di-n-propylamine
Concen: 14.490 ng
RT: 9.33 min Scan# 1062
Delta R.T. 0.36 min
Lab File: BG039790.D
Acq: 6 Mar 2019 16:48

Tgt Ion: 70 Resp: 39533

Ion	Ratio	Lower	Upper
70	100		
42	54.5	60.4	90.6#
101	0.0	7.5	11.3#
130	2.7	16.9	25.3#



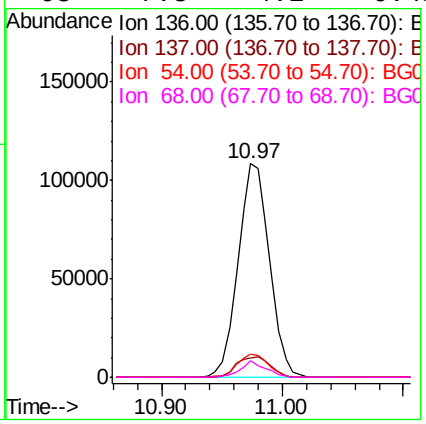


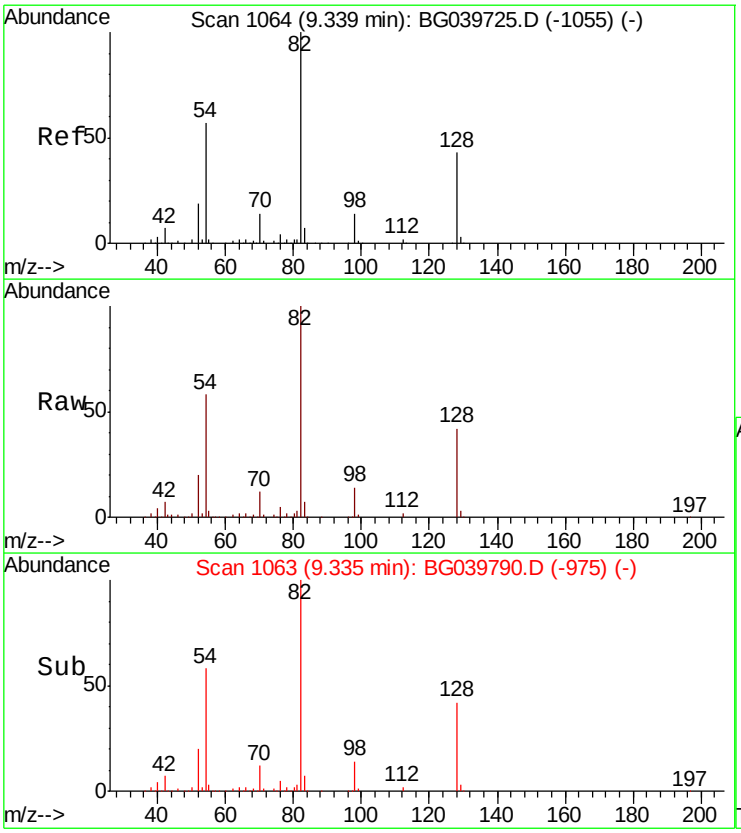
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BG039790.D
Acq: 6 Mar 2019 16:48

Instrument :
BNA_G
ClientSampleId :
PST-028-SW003-022719

Tgt Ion:136 Resp: 195709

Ion	Ratio	Lower	Upper
136	100		
137	9.3	9.1	13.7
54	11.1	9.4	14.2
68	7.8	4.2	6.4#

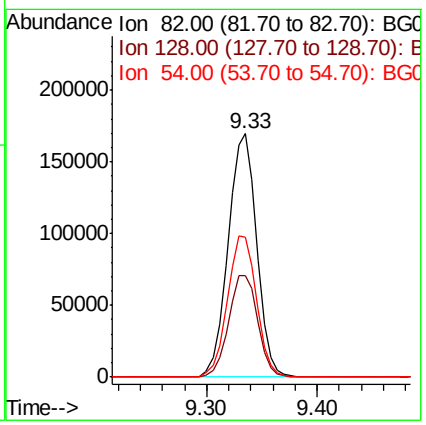


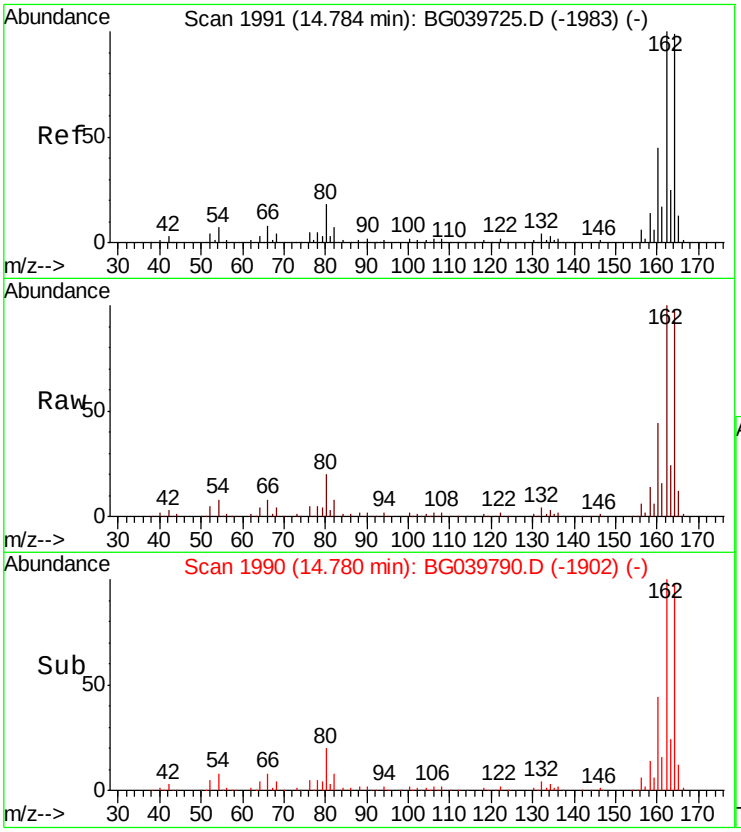


#23
Nitrobenzene-d5
Concen: 84.938 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG039790.D
Acq: 6 Mar 2019 16:48

Tgt Ion: 82 Resp: 307356

Ion	Ratio	Lower	Upper
82	100		
128	41.8	31.3	46.9
54	57.6	50.9	76.3



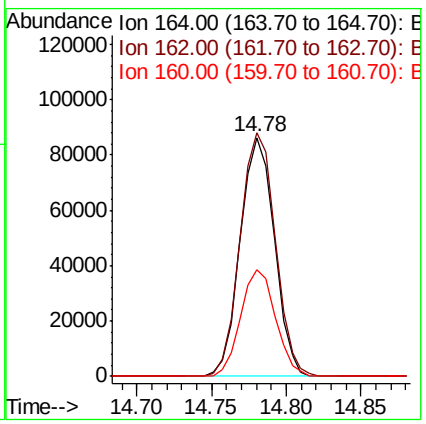


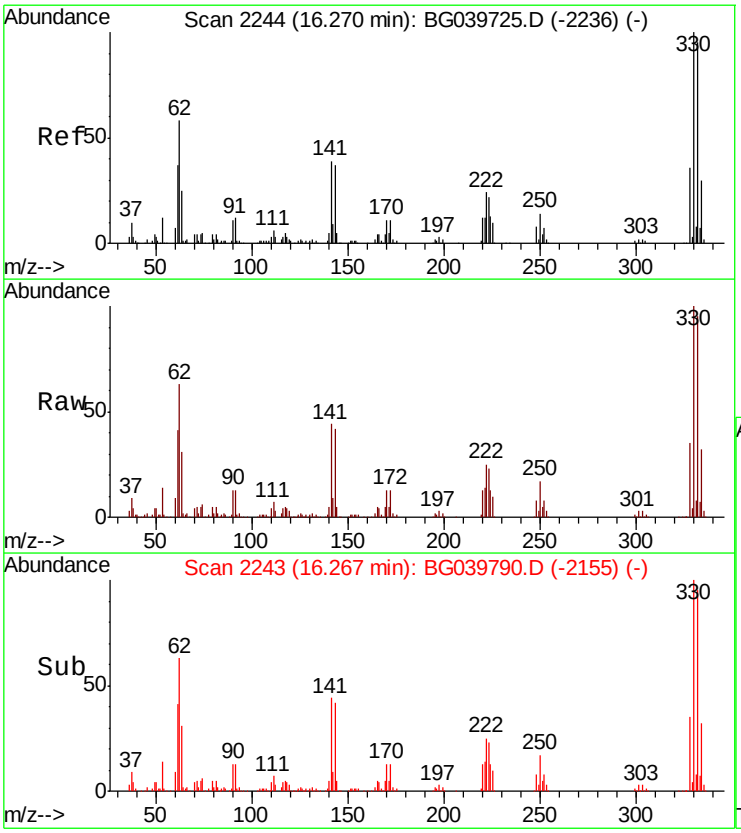
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BG039790.D
Acq: 6 Mar 2019 16:48

Instrument :
BNA_G
ClientSampleId :
PST-028-SW003-022719

Tgt Ion:164 Resp: 136705

Ion	Ratio	Lower	Upper
164	100		
162	101.9	81.6	122.4
160	44.7	34.2	51.2

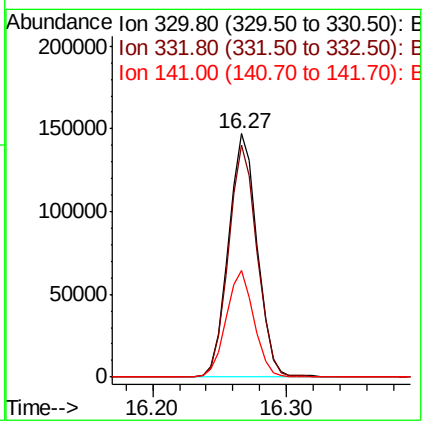


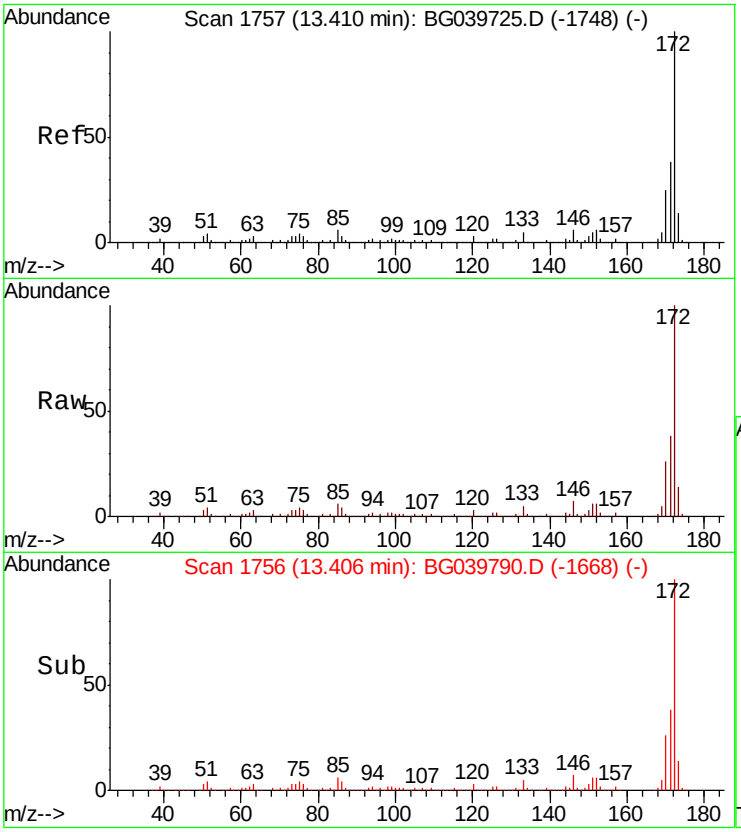


#42
2,4,6-Tribromophenol
Concen: 138.938 ng
RT: 16.27 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BG039790.D
Acq: 6 Mar 2019 16:48

Tgt Ion:330 Resp: 221383

Ion	Ratio	Lower	Upper
330	100		
332	94.9	75.7	113.5
141	42.5	35.6	53.4



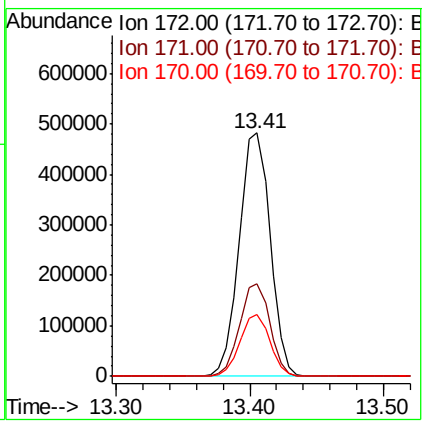


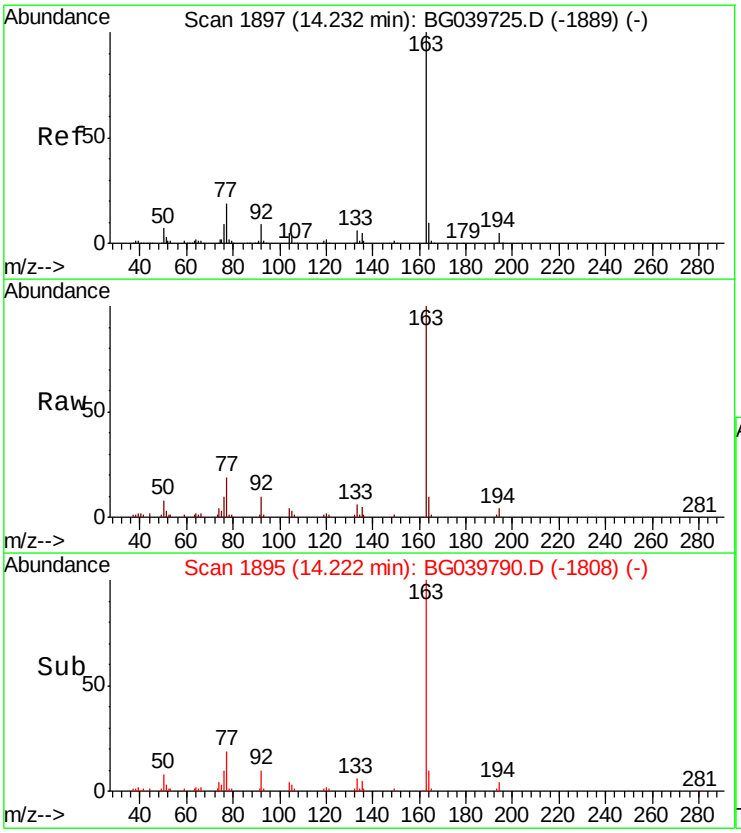
#45
2-Fluorobiphenyl
Concen: 80.176 ng
RT: 13.41 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BG039790.D
Acq: 6 Mar 2019 16:48

Instrument :
BNA_G
ClientSampleId :
PST-028-SW003-022719

Tgt Ion:172 Resp: 769791

Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.8	46.2
170	25.6	20.2	30.4

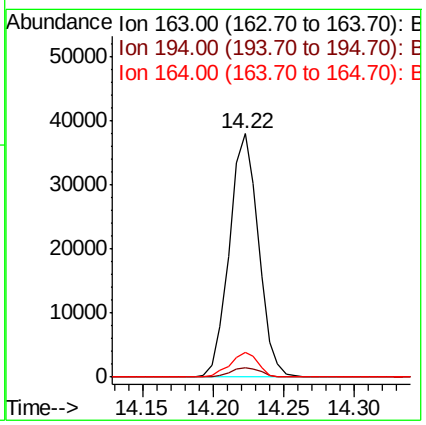


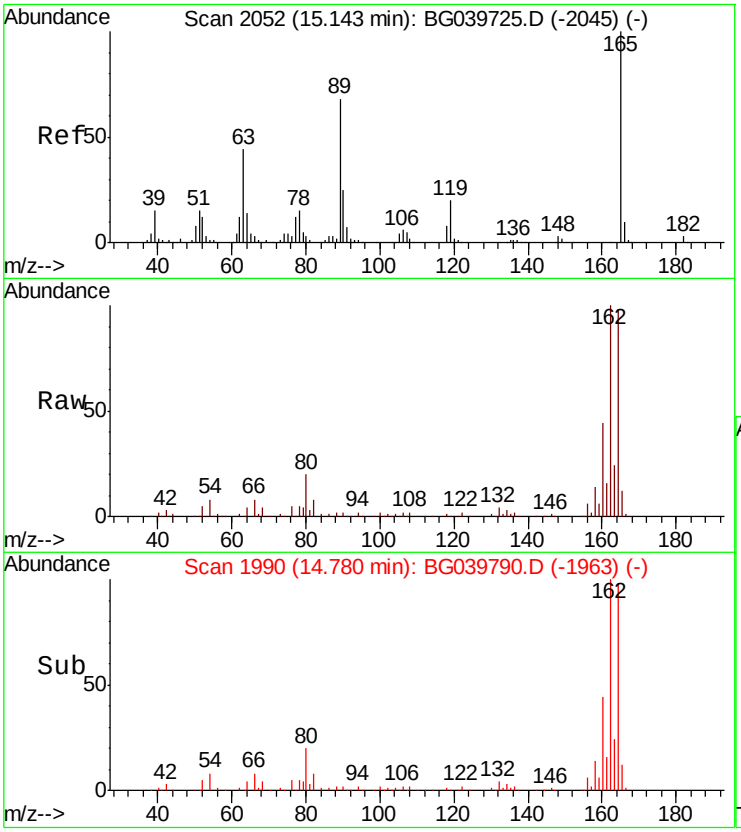


#50
Dimethylphthalate
Concen: 4.776 ng
RT: 14.22 min Scan# 1895
Delta R.T. -0.02 min
Lab File: BG039790.D
Acq: 6 Mar 2019 16:48

Tgt Ion:163 Resp: 54596

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.6	5.4
164	10.1	8.4	12.6



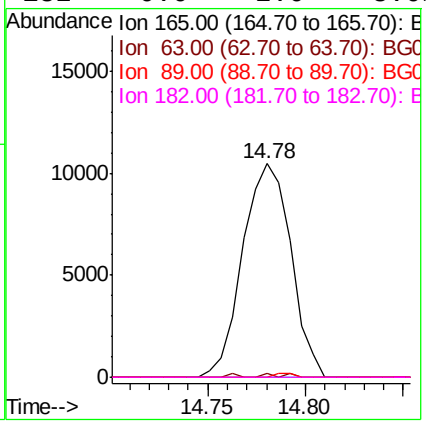


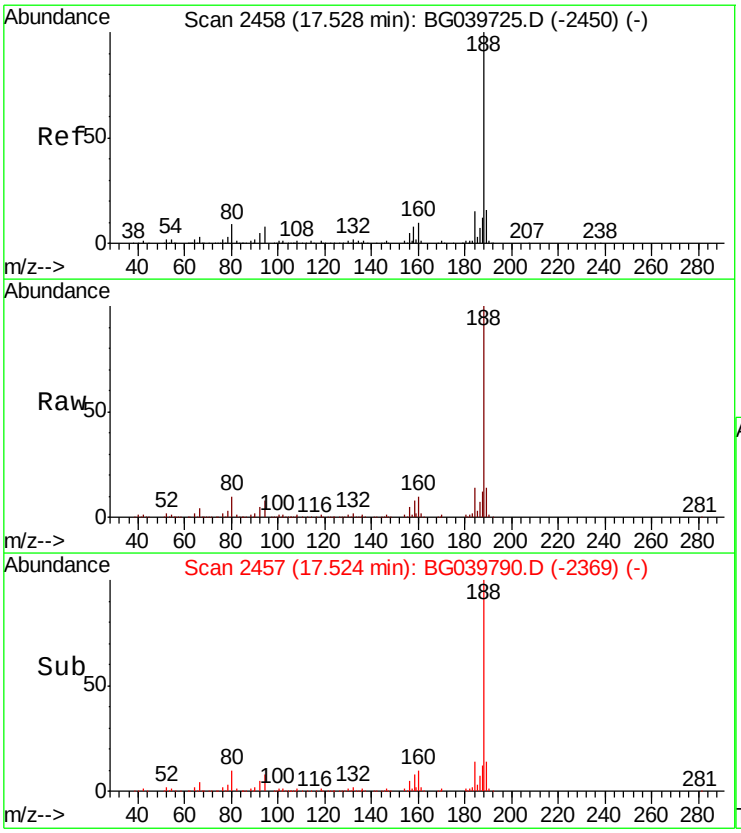
#57
2,4-Dinitrotoluene
Concen: 5.247 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.37 min
Lab File: BG039790.D
Acq: 6 Mar 2019 16:48

Instrument :
BNA_G
ClientSampleId :
PST-028-SW003-022719

Tgt Ion:165 Resp: 17866

Ion	Ratio	Lower	Upper
165	100		
63	1.8	41.0	61.6#
89	0.0	64.6	96.8#
182	0.0	2.0	3.0#

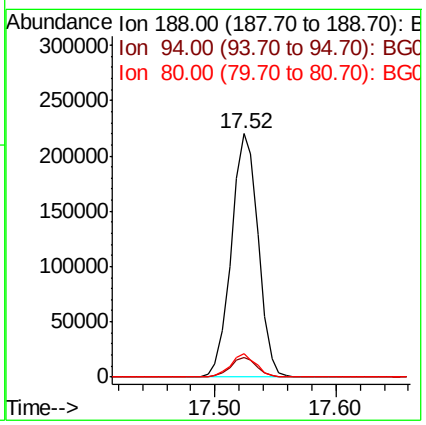


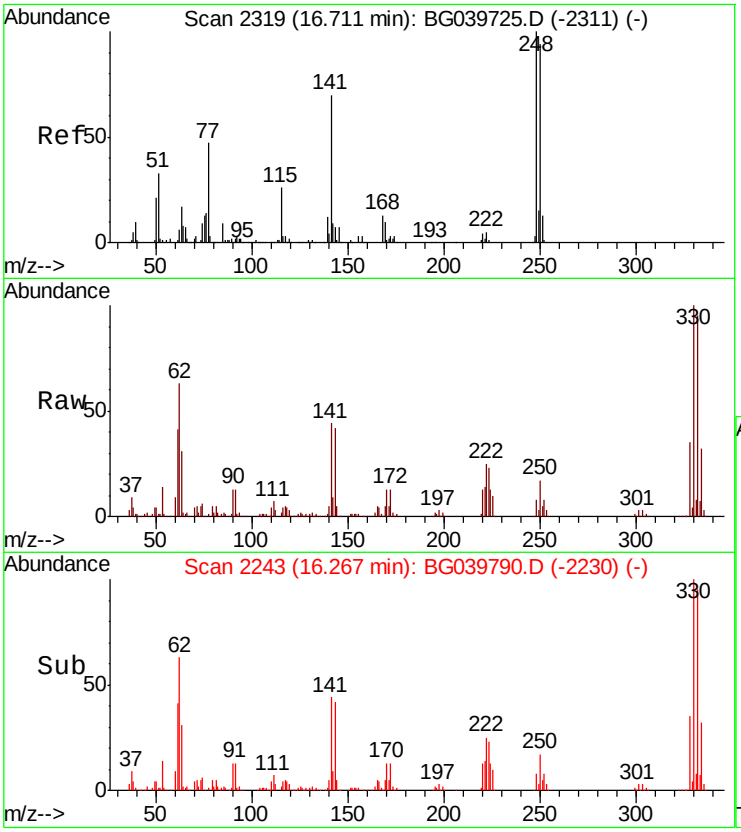


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BG039790.D
Acq: 6 Mar 2019 16:48

Tgt Ion:188 Resp: 339946

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



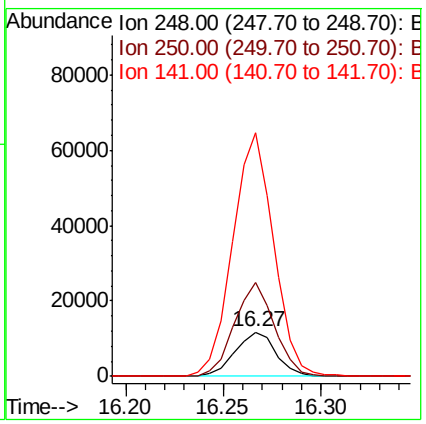


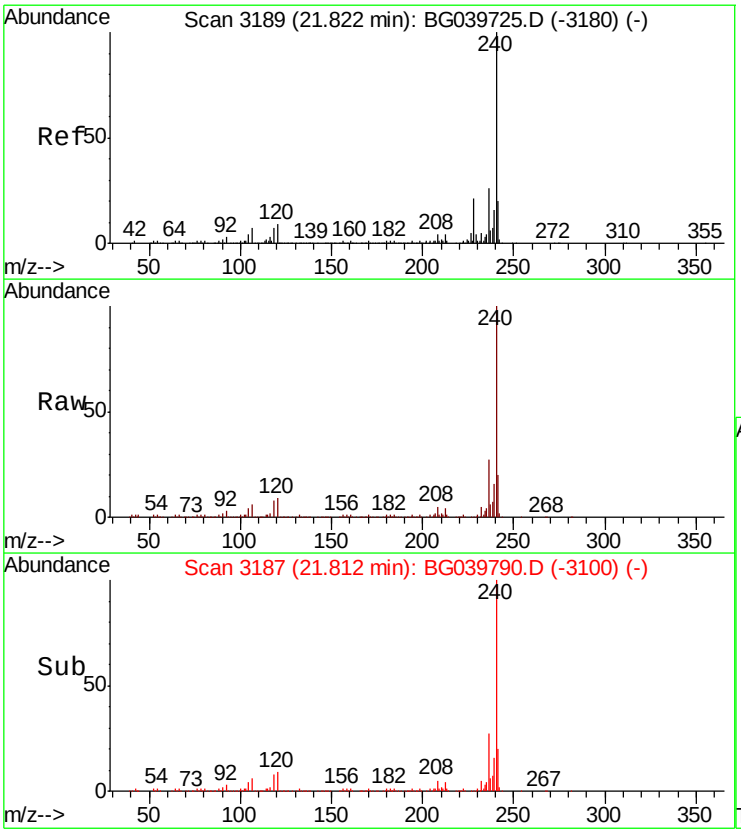
#67
4-Bromophenyl-phenylether
Concen: 4.422 ng
RT: 16.27 min Scan# 2243
Delta R.T. -0.45 min
Lab File: BG039790.D
Acq: 6 Mar 2019 16:48

Instrument :
BNA_G
ClientSampleId :
PST-028-SW003-022719

Tgt Ion:248 Resp: 16826

Ion	Ratio	Lower	Upper
248	100		
250	212.7	77.6	116.4#
141	549.7	63.9	95.9#

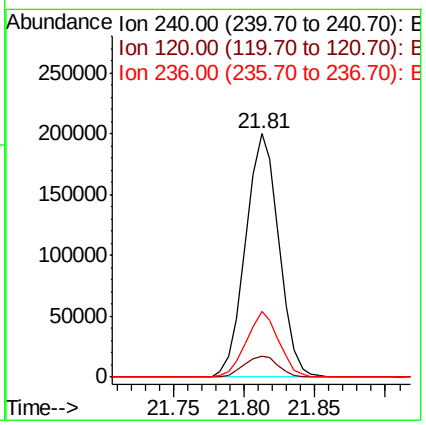


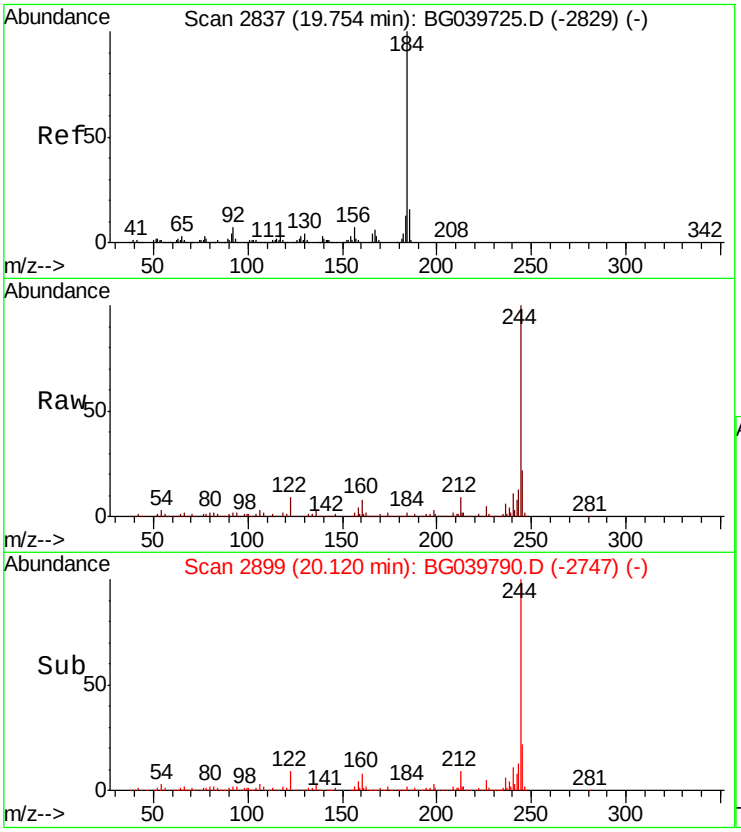


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.81 min Scan# 3187
Delta R.T. -0.02 min
Lab File: BG039790.D
Acq: 6 Mar 2019 16:48

Tgt Ion:240 Resp: 331904

Ion	Ratio	Lower	Upper
240	100		
120	8.6	7.0	10.6
236	26.9	21.0	31.4



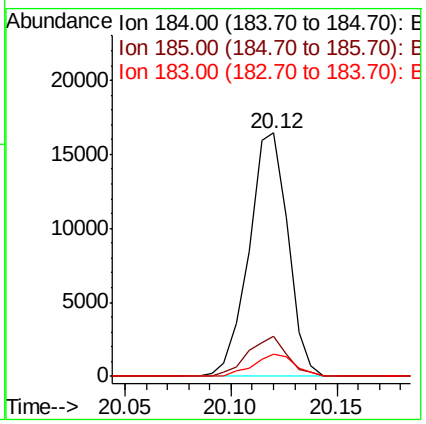


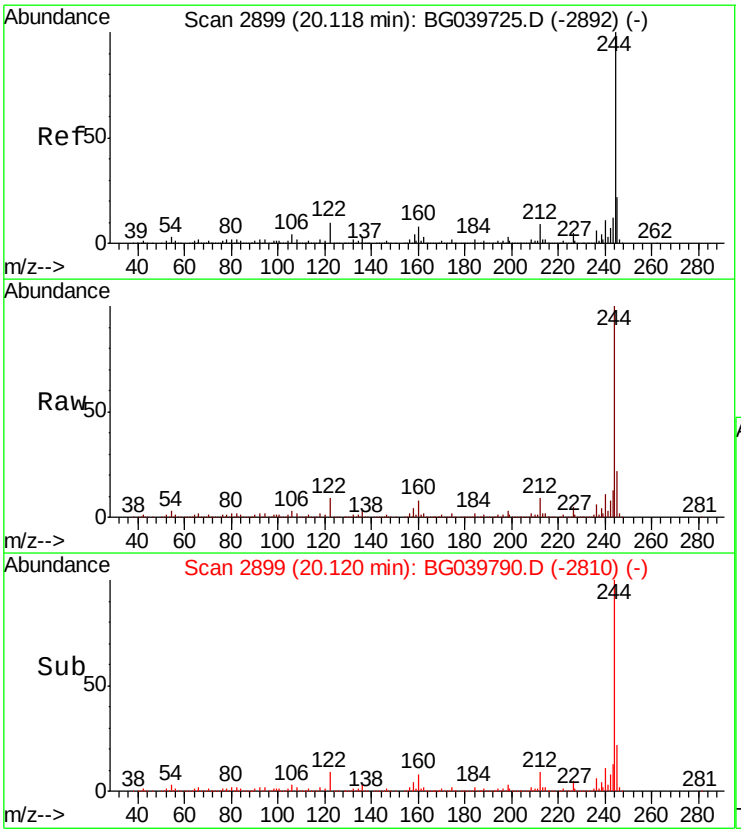
#77
Benzidine
Concen: 2.005 ng
RT: 20.12 min Scan# 2899
Delta R.T. 0.37 min
Lab File: BG039790.D
Acq: 6 Mar 2019 16:48

Instrument :
BNA_G
ClientSampleId :
PST-028-SW003-022719

Tgt Ion:184 Resp: 21112

Ion	Ratio	Lower	Upper
184	100		
185	16.4	12.2	18.2
183	9.2	10.6	15.8#

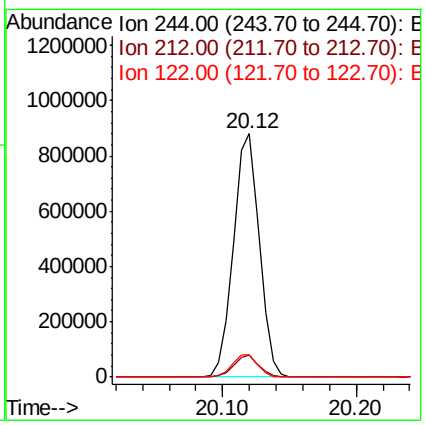


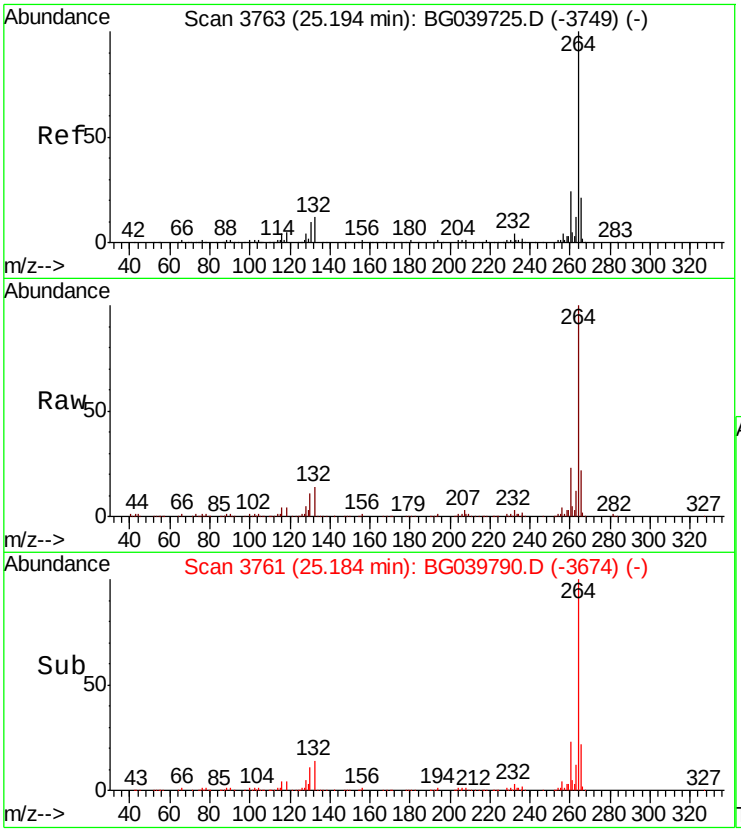


#79
Terphenyl-d14
Concen: 78.615 ng
RT: 20.12 min Scan# 2899
Delta R.T. -0.00 min
Lab File: BG039790.D
Acq: 6 Mar 2019 16:48

Tgt Ion:244 Resp: 1185061

Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.3	10.9
122	9.3	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: BG039790.D
Acq: 6 Mar 2019 16:48

Instrument :
BNA_G
ClientSampleId :
PST-028-SW003-022719

Tgt Ion:264 Resp: 335896

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.2	27.4
265	21.8	18.5	27.7