

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030619\
 Data File : BG039788.D
 Acq On : 6 Mar 2019 15:28
 Operator : JU/SJ
 Sample : K1704-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PST-028-SW068-022719

Quant Time: Mar 07 00:09:35 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

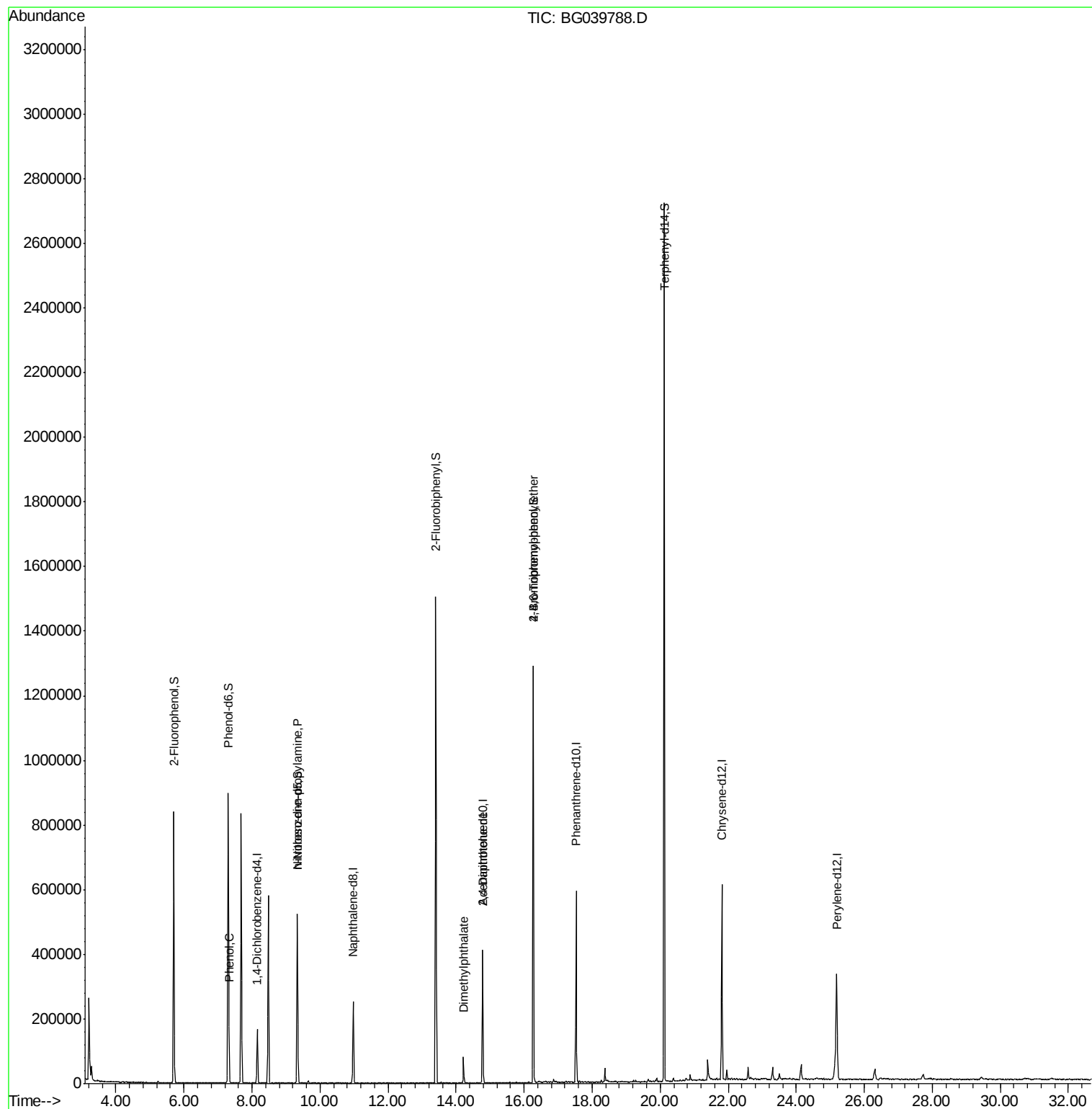
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	45816	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	210164	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	145257	20.00	ng	-0.01
64) Phenanthrene-d10	17.53	188	363187	20.00	ng	0.00
76) Chrysene-d12	21.81	240	368592	20.00	ng	-0.02
87) Perylene-d12	25.18	264	369356	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	353307	131.56	ng	0.00
7) Phenol-d6	7.30	99	529196	132.16	ng	-0.01
23) Nitrobenzene-d5	9.33	82	308070	79.28	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	222385	131.35	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	782765	76.73	ng	-0.01
79) Terphenyl-d14	20.12	244	1238454	73.98	ng	0.00
Target Compounds						
10) Phenol	7.33	94	15388	3.547	ng	90
19) n-Nitroso-di-n-propylamine	9.33	70	39033	13.543	ng	# 71
50) Dimethylphthalate	14.23	163	53791	4.429	ng	97
57) 2,4-Dinitrotoluene	14.78	165	18891	5.221	ng	# 20
67) 4-Bromophenyl-phenylether	16.27	248	18129	4.459	ng	# 1

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

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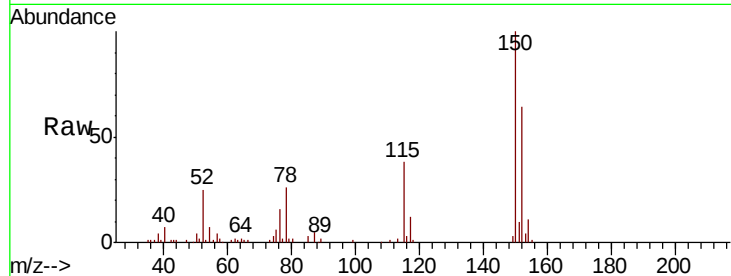


#1

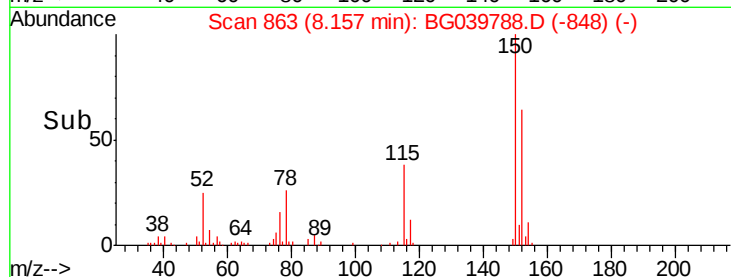
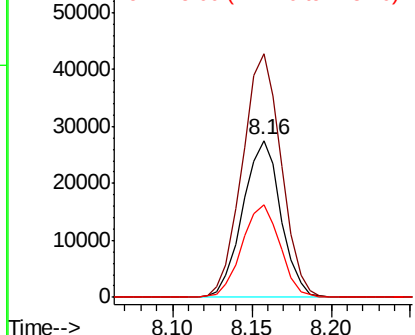
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BG039788.D
Acq: 6 Mar 2019 15:28

Instrument :
BNA_G
ClientSampleId :
PST-028-SW068-022719

Tgt Ion:152 Resp: 45816
Ion Ratio Lower Upper
152 100
150 155.1 123.7 185.5
115 58.7 45.9 68.9



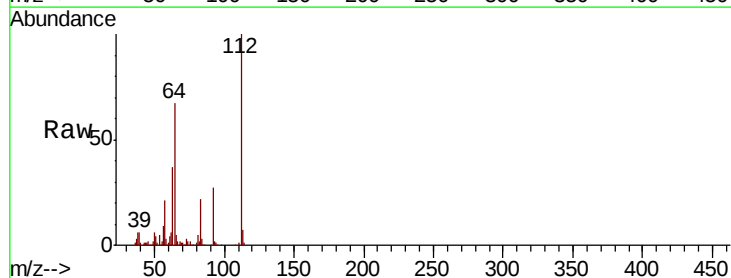
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



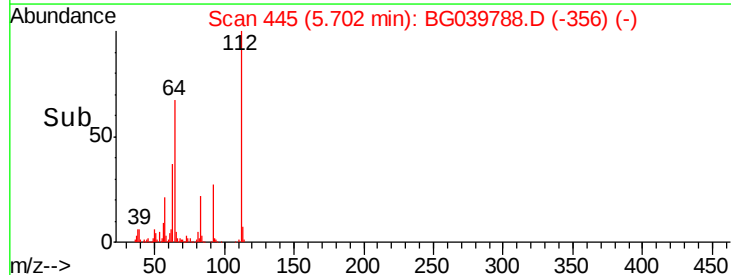
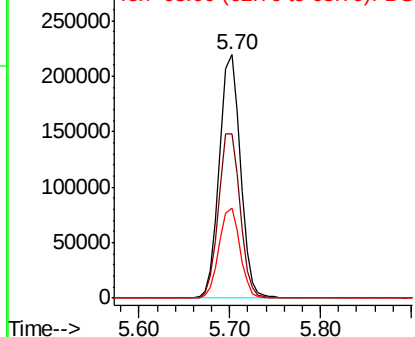
#5

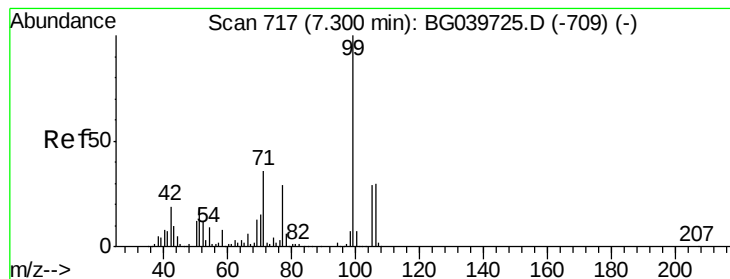
2-Fluorophenol
Concen: 131.558 ng
RT: 5.70 min Scan# 445
Delta R.T. -0.01 min
Lab File: BG039788.D
Acq: 6 Mar 2019 15:28

Tgt Ion:112 Resp: 353307
Ion Ratio Lower Upper
112 100
64 67.3 57.8 86.8
63 37.1 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 132.156 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039788.D

Acq: 6 Mar 2019 15:28

Instrument :

BNA_G

ClientSampleId :

PST-028-SW068-022719

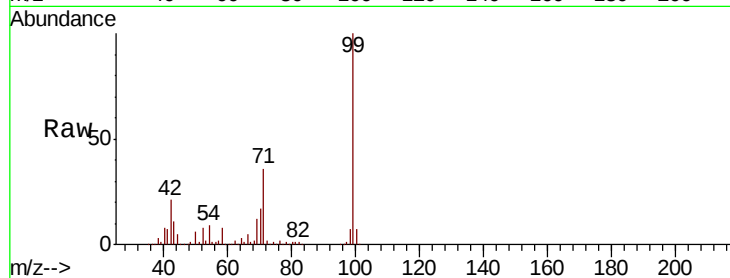
Tgt Ion: 99 Resp: 529196

Ion Ratio Lower Upper

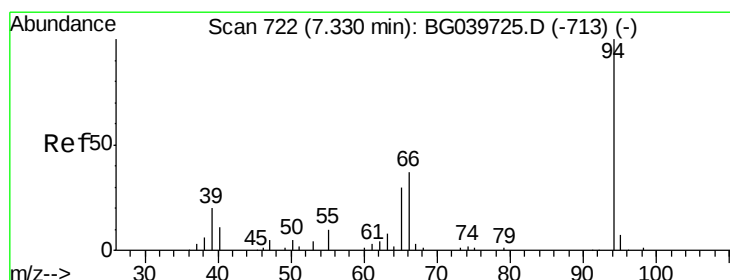
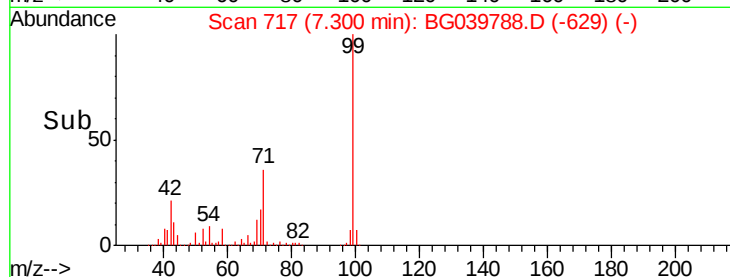
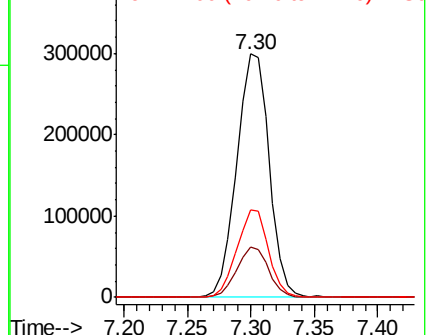
99 100

42 20.6 18.2 27.2

71 35.8 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#10

Phenol

Concen: 3.547 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BG039788.D

Acq: 6 Mar 2019 15:28

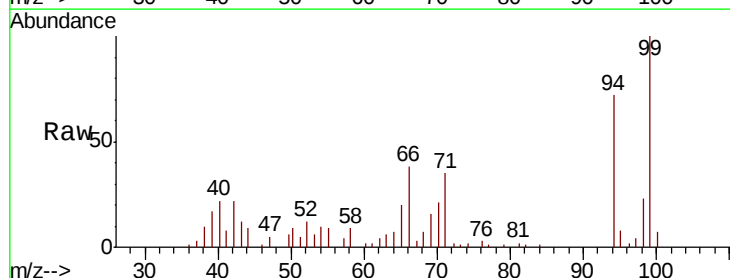
Tgt Ion: 94 Resp: 15388

Ion Ratio Lower Upper

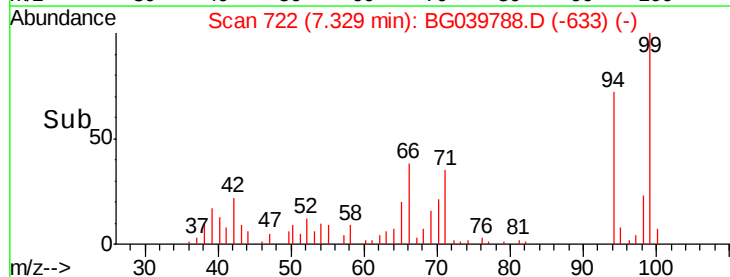
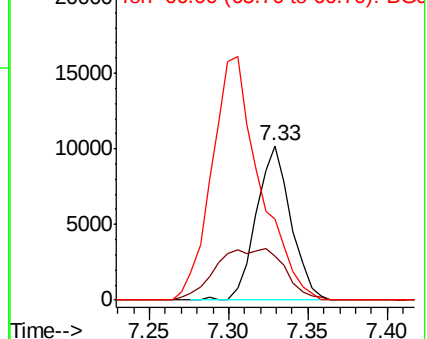
94 100

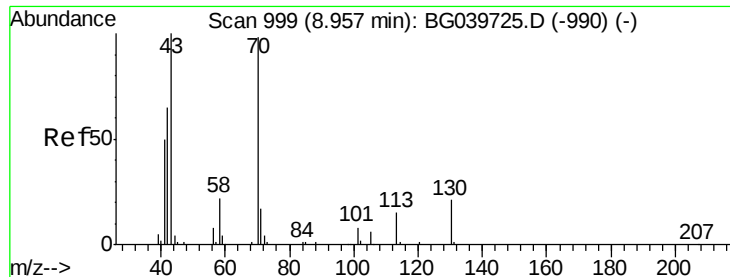
65 28.1 11.7 51.7

66 52.1 23.7 63.7



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

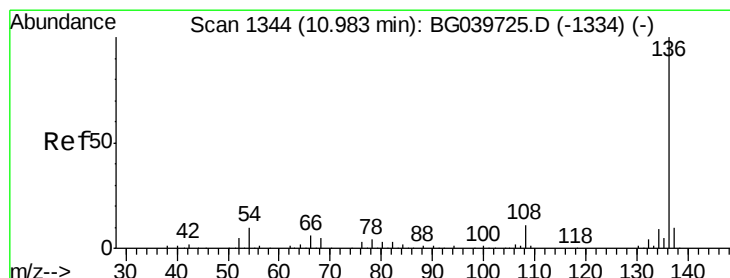
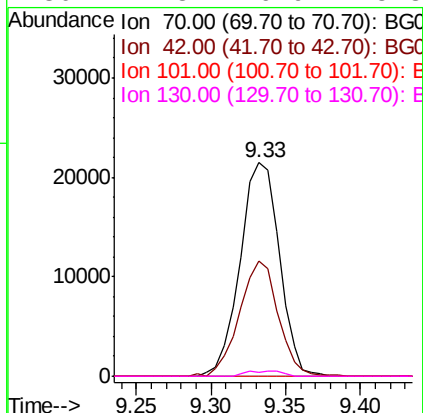
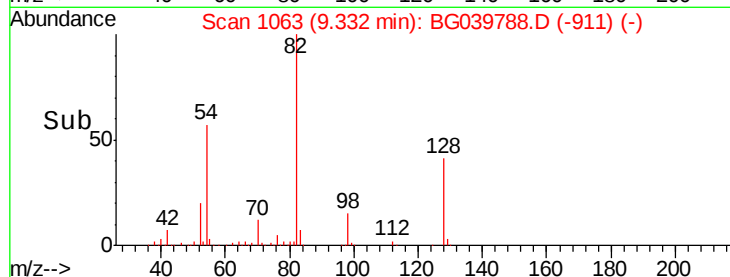
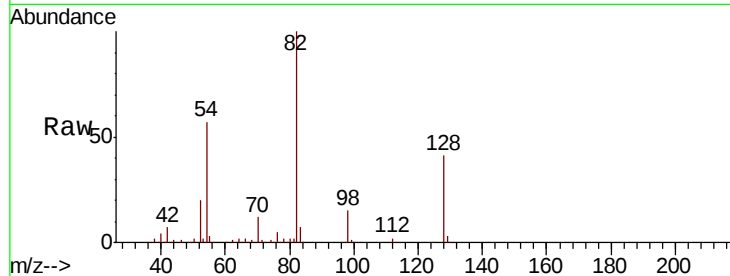




#19
n-Nitroso-di-n-propylamine
Concen: 13.543 ng
RT: 9.33 min Scan# 1063
Delta R.T. 0.36 min
Lab File: BG039788.D
Acq: 6 Mar 2019 15:28

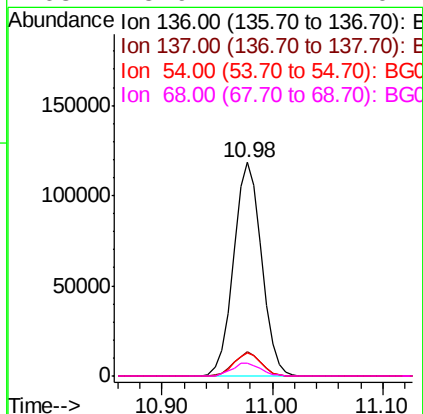
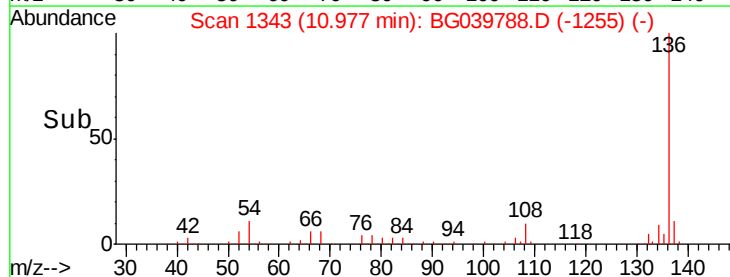
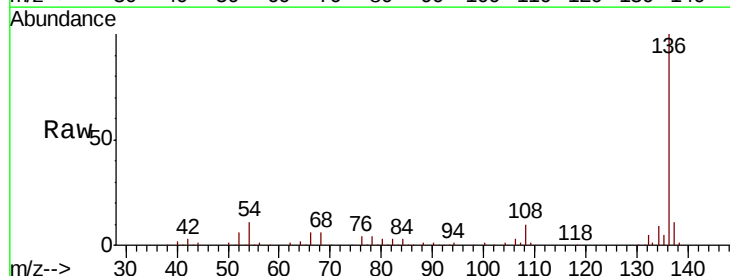
Instrument :
BNA_G
ClientSampleId :
PST-028-SW068-022719

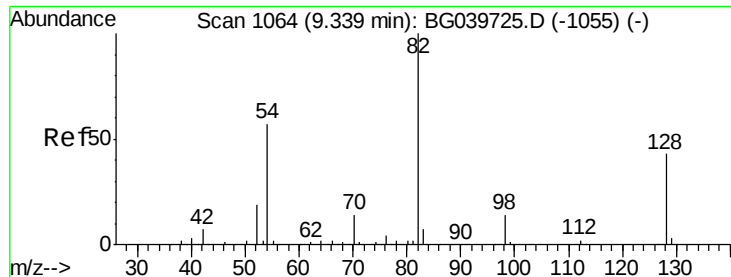
Tgt Ion: 70 Resp: 39033
Ion Ratio Lower Upper
70 100
42 53.8 60.4 90.6#
101 0.0 7.5 11.3#
130 1.8 16.9 25.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG039788.D
Acq: 6 Mar 2019 15:28

Tgt Ion: 136 Resp: 210164
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 10.6 9.4 14.2
68 5.9 4.2 6.4

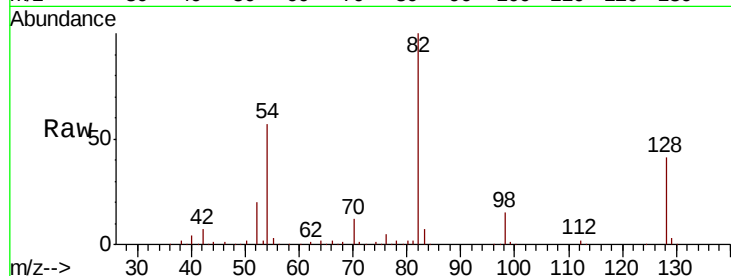




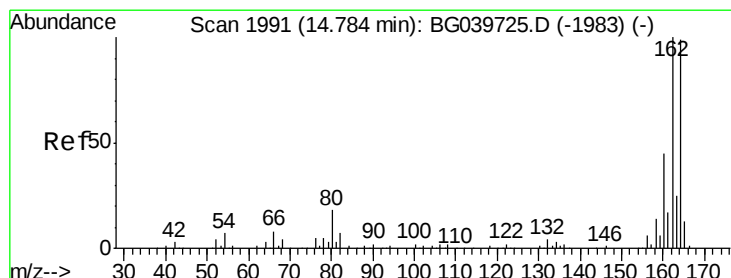
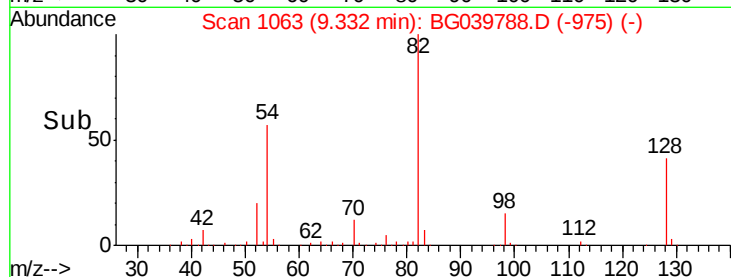
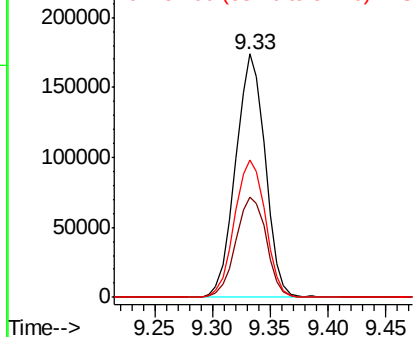
#23
 Nitrobenzene-d5
 Concen: 79.279 ng
 RT: 9.33 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BG039788.D
 Acq: 6 Mar 2019 15:28

Instrument :
 BNA_G
 ClientSampleId :
 PST-028-SW068-022719

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.0	31.3	46.9
54	56.6	50.9	76.3

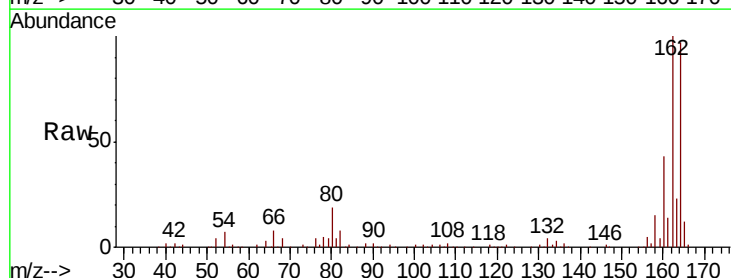


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

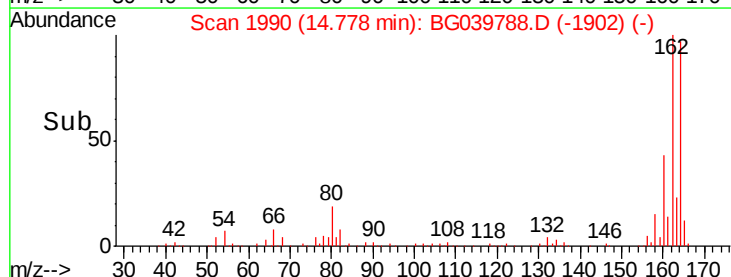
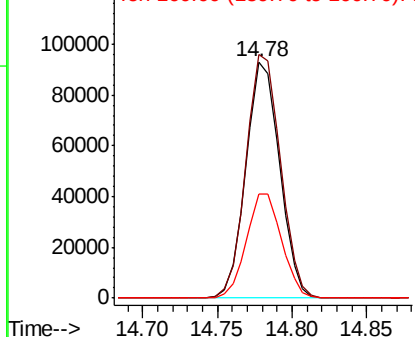


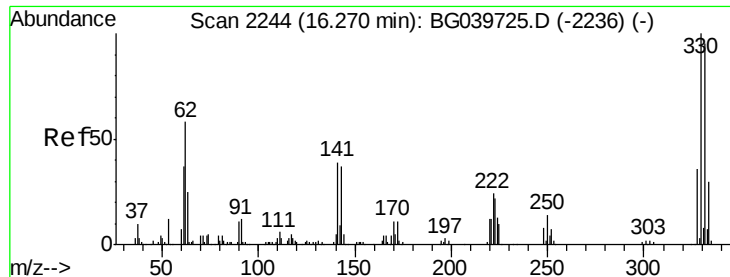
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.78 min Scan# 1990
 Delta R.T. -0.01 min
 Lab File: BG039788.D
 Acq: 6 Mar 2019 15:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	81.6	122.4
160	43.8	34.2	51.2



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

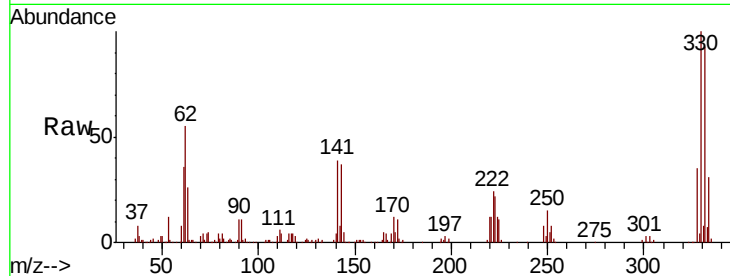




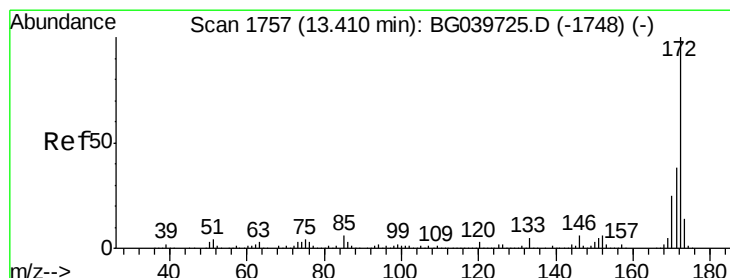
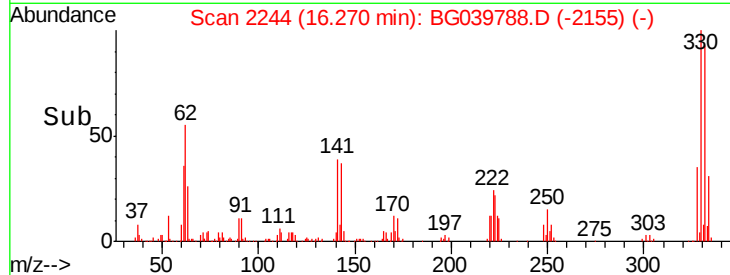
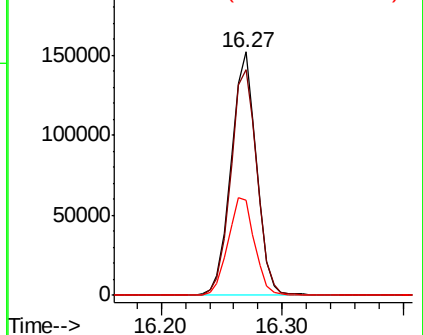
#42
 2,4,6-Tribromophenol
 Concen: 131.350 ng
 RT: 16.27 min Scan# 2244
 Delta R.T. -0.01 min
 Lab File: BG039788.D
 Acq: 6 Mar 2019 15:28

Instrument :
 BNA_G
 ClientSampleId :
 PST-028-SW068-022719

Tgt Ion:330 Resp: 222385
 Ion Ratio Lower Upper
 330 100
 332 96.3 75.7 113.5
 141 41.8 35.6 53.4

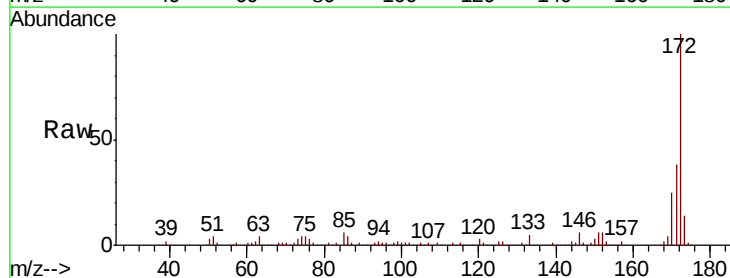


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

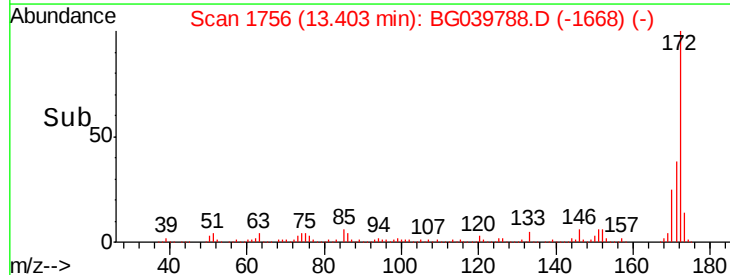
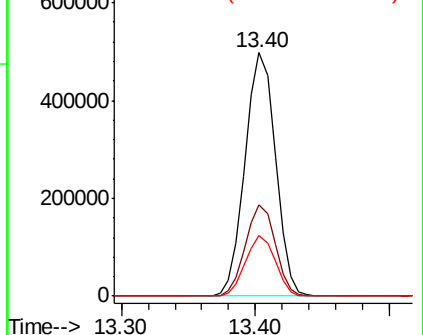


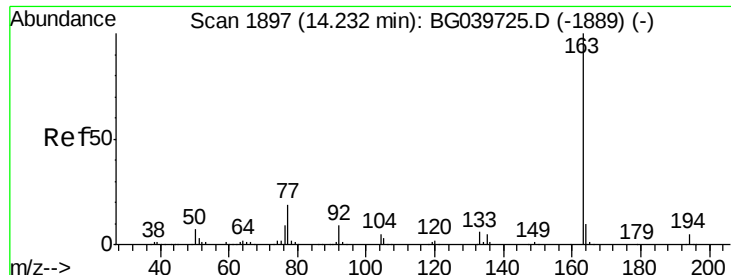
#45
 2-Fluorobiphenyl
 Concen: 76.728 ng
 RT: 13.40 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BG039788.D
 Acq: 6 Mar 2019 15:28

Tgt Ion:172 Resp: 782765
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.8 46.2
 170 25.0 20.2 30.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 4.429 ng

RT: 14.23 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BG039788.D

Acq: 6 Mar 2019 15:28

Instrument :

BNA_G

ClientSampleId :

PST-028-SW068-022719

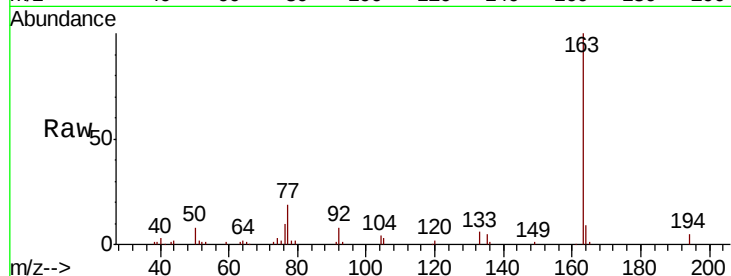
Tgt Ion:163 Resp: 53791

Ion Ratio Lower Upper

163 100

194 4.7 3.6 5.4

164 9.0 8.4 12.6

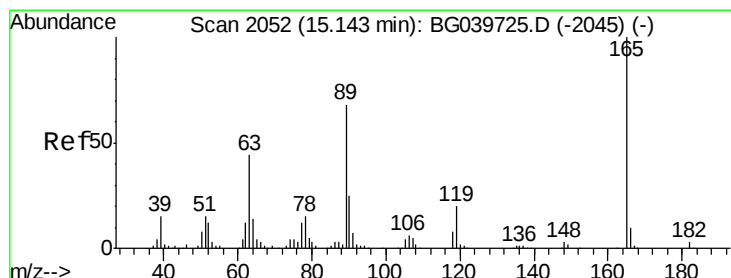
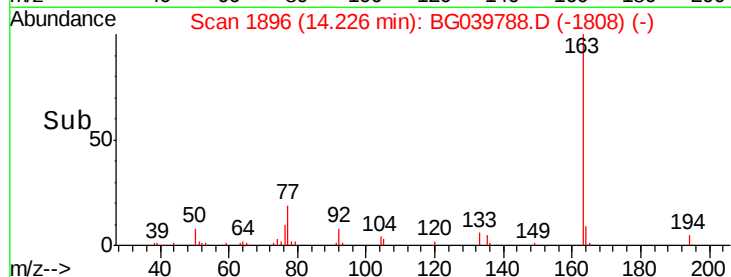
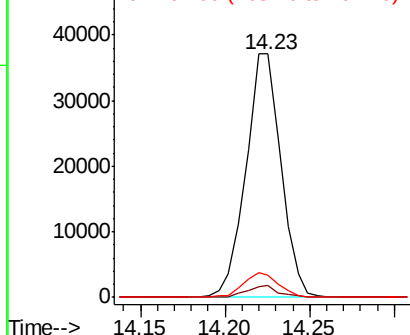


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#57

2,4-Dinitrotoluene

Concen: 5.221 ng

RT: 14.78 min Scan# 1991

Delta R.T. -0.37 min

Lab File: BG039788.D

Acq: 6 Mar 2019 15:28

Tgt Ion:165 Resp: 18891

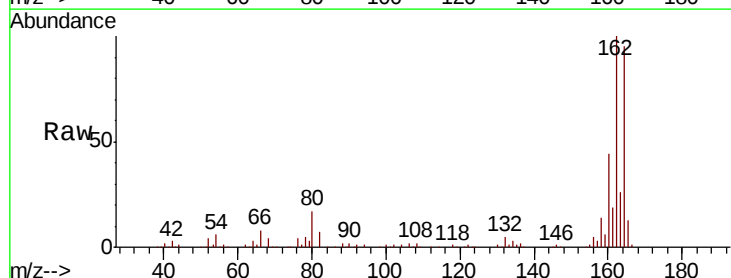
Ion Ratio Lower Upper

165 100

63 2.1 41.0 61.6#

89 2.1 64.6 96.8#

182 0.0 2.0 3.0#



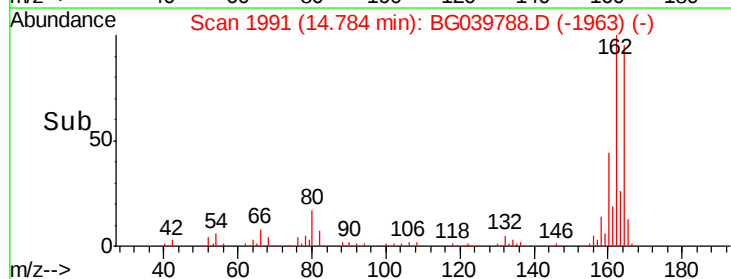
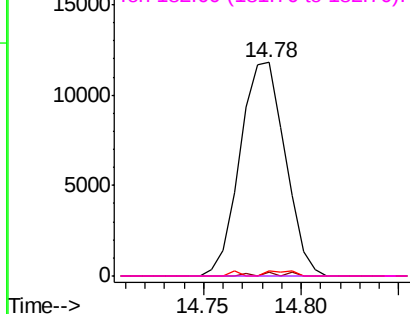
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

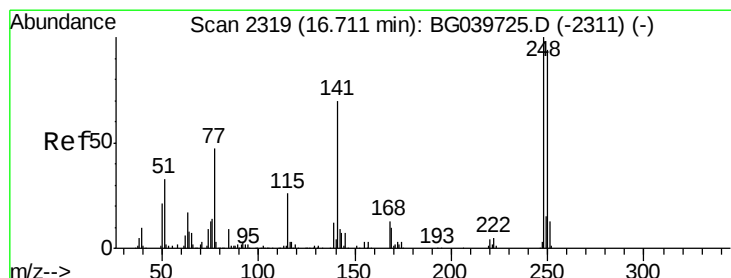
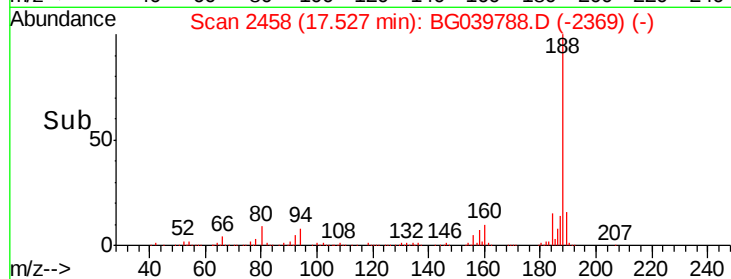
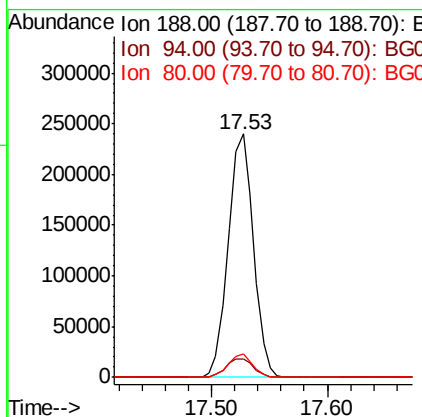
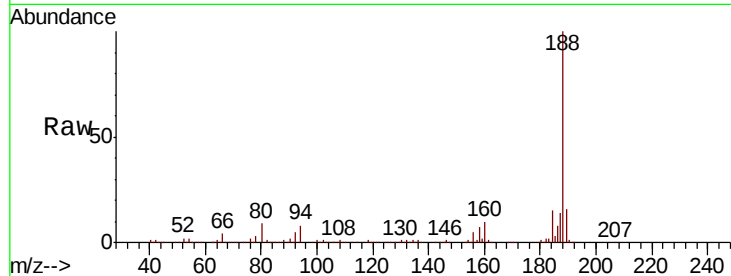




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.53 min Scan# 2458
 Delta R.T. -0.01 min
 Lab File: BG039788.D
 Acq: 6 Mar 2019 15:28

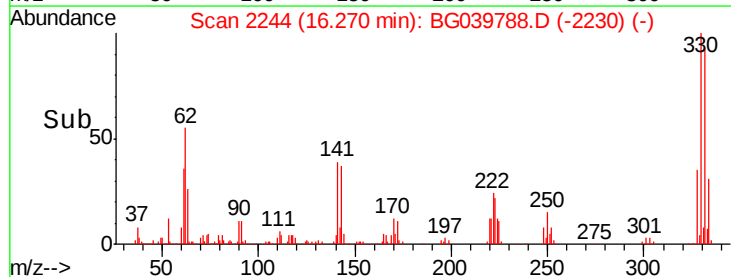
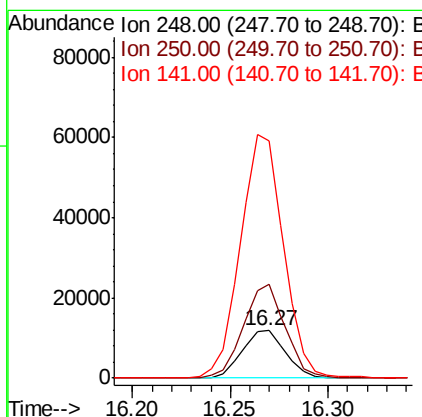
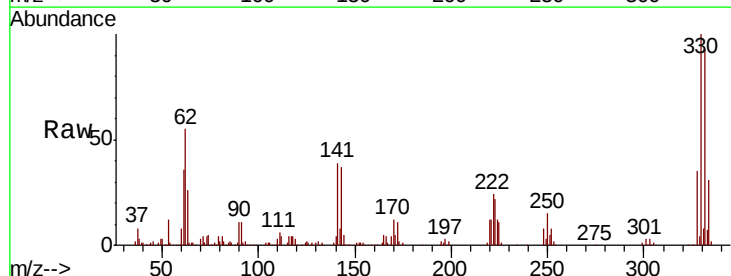
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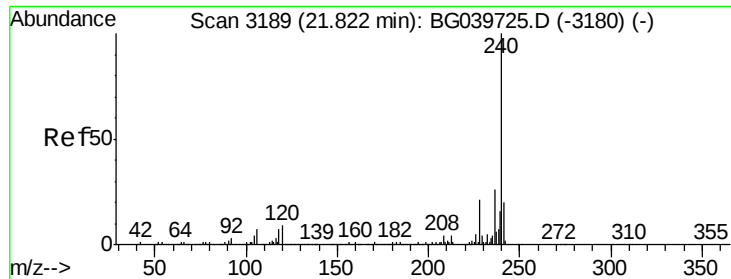
Tgt Ion:188 Resp: 363187
 Ion Ratio Lower Upper
 188 100
 94 7.8 6.9 10.3
 80 9.4 8.1 12.1



#67
 4-Bromophenyl-phenylether
 Concen: 4.459 ng
 RT: 16.27 min Scan# 2244
 Delta R.T. -0.45 min
 Lab File: BG039788.D
 Acq: 6 Mar 2019 15:28

Tgt Ion:248 Resp: 18129
 Ion Ratio Lower Upper
 248 100
 250 196.2 77.6 116.4#
 141 498.4 63.9 95.9#

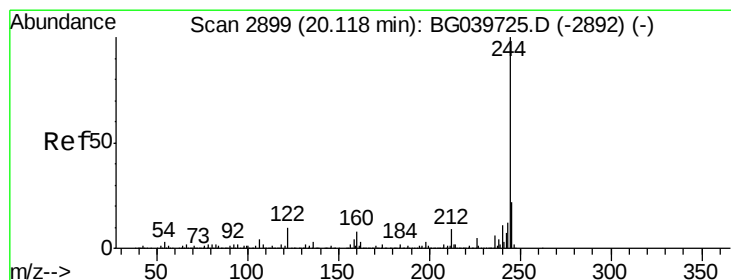
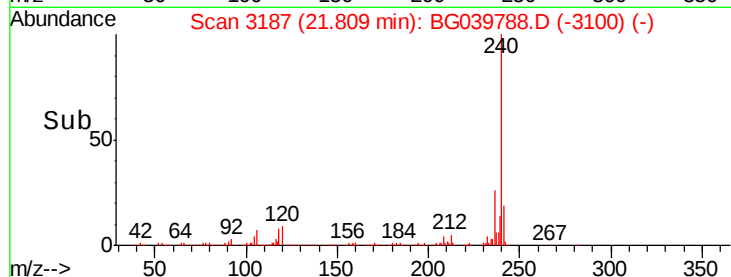
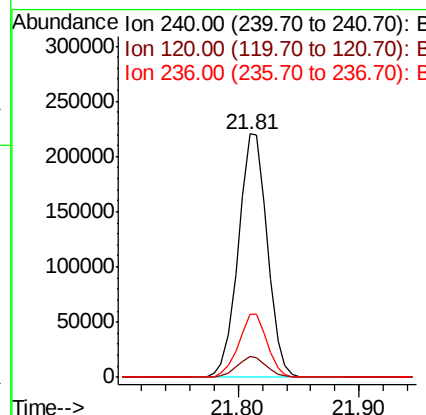
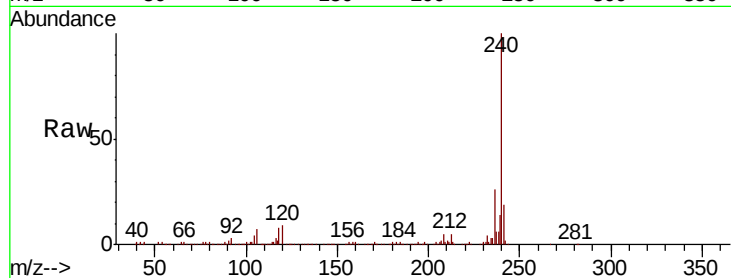




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.81 min Scan# 3187
Delta R.T. -0.02 min
Lab File: BG039788.D
Acq: 6 Mar 2019 15:28

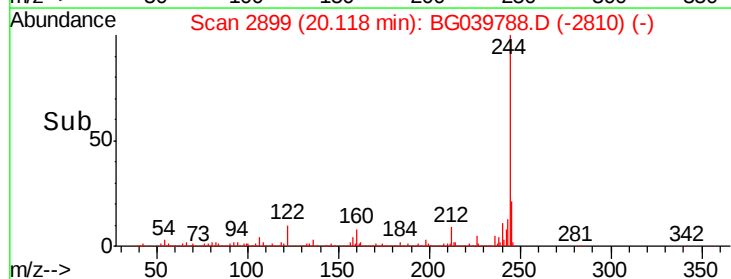
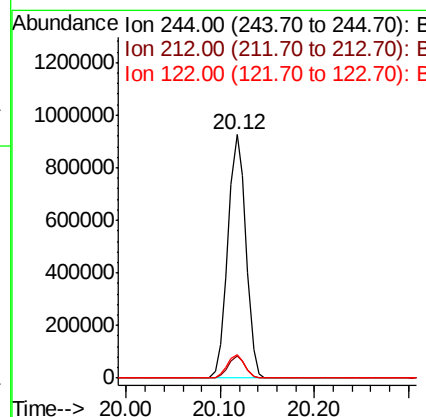
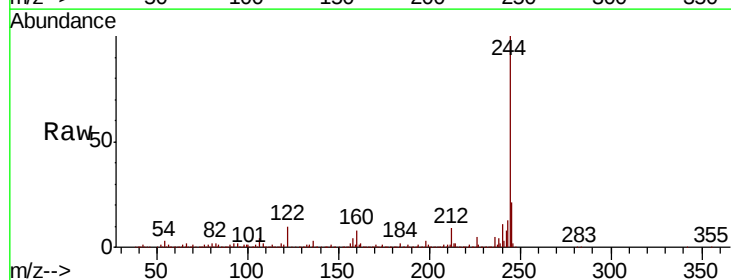
Instrument :
BNA_G
ClientSampleId :
PST-028-SW068-022719

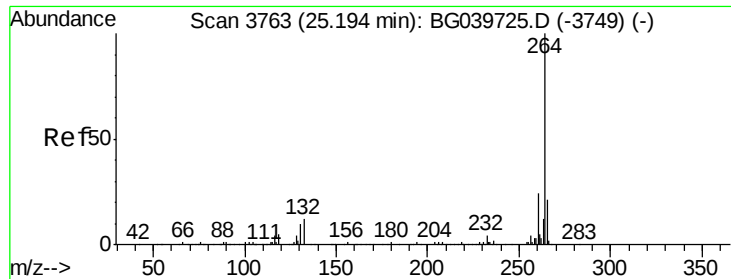
Tgt Ion:240 Resp: 368592
Ion Ratio Lower Upper
240 100
120 8.7 7.0 10.6
236 26.1 21.0 31.4



#79
Terphenyl-d14
Concen: 73.980 ng
RT: 20.12 min Scan# 2899
Delta R.T. -0.01 min
Lab File: BG039788.D
Acq: 6 Mar 2019 15:28

Tgt Ion:244 Resp: 1238454
Ion Ratio Lower Upper
244 100
212 8.9 7.3 10.9
122 9.8 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: BG039788.D
Acq: 6 Mar 2019 15:28

Instrument :
BNA_G
ClientSampleId :
PST-028-SW068-022719

Tgt Ion: 264 Resp: 369356
Ion Ratio Lower Upper
264 100
260 23.5 18.2 27.4
265 20.7 18.5 27.7

