

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030619\
 Data File : BG039789.D
 Acq On : 6 Mar 2019 16:08
 Operator : JU/SJ
 Sample : K1704-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PST-028-B106-022719

Quant Time: Mar 07 00:09:43 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

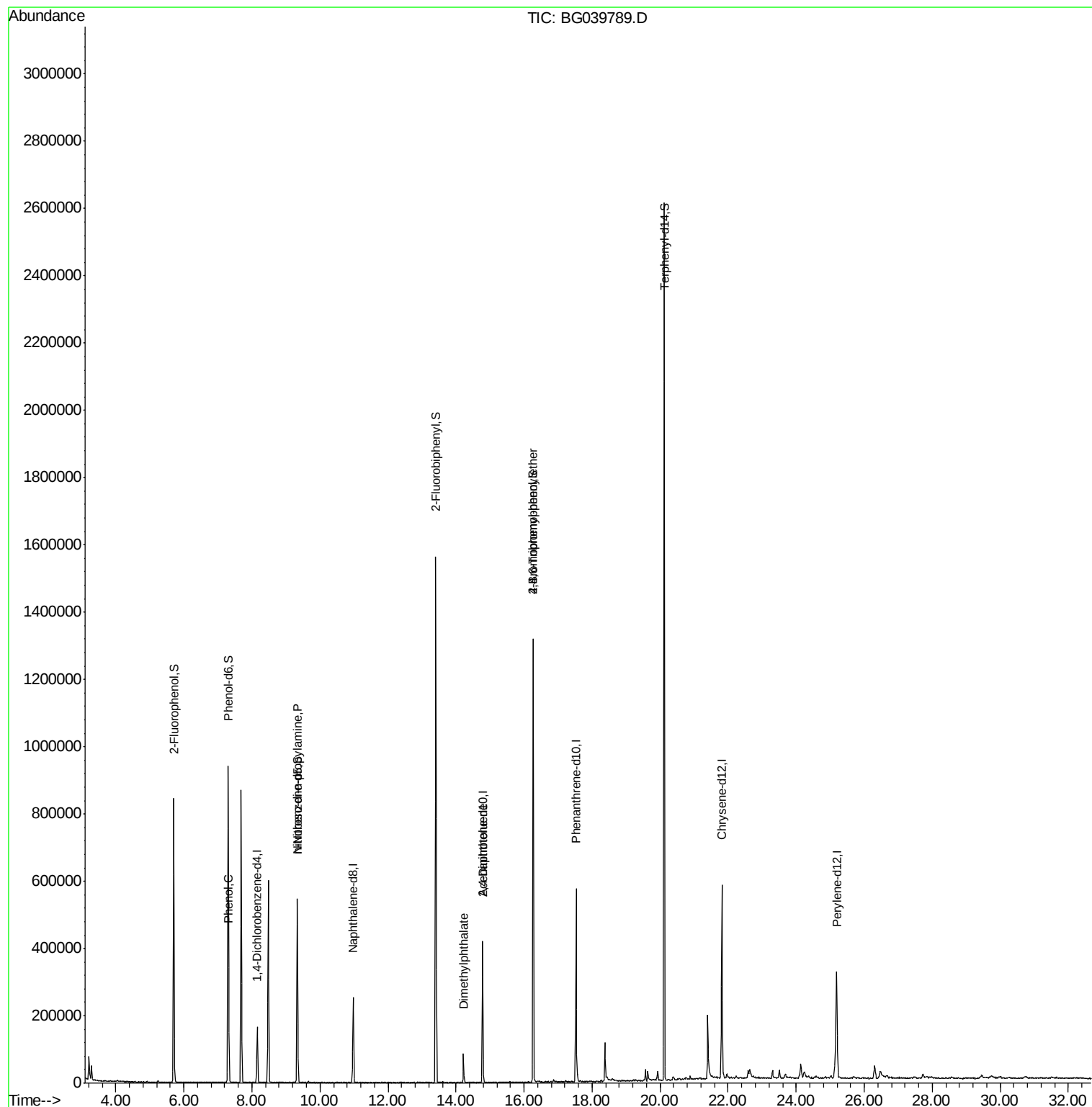
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	47025	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	215294	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	150155	20.00	ng	-0.01
64) Phenanthrene-d10	17.52	188	362954	20.00	ng	-0.01
76) Chrysene-d12	21.81	240	356676	20.00	ng	-0.02
87) Perylene-d12	25.18	264	358822	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	357131	129.56	ng	0.00
7) Phenol-d6	7.30	99	541434	131.74	ng	-0.01
23) Nitrobenzene-d5	9.33	82	319751	80.32	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	223046	127.44	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	803283	76.17	ng	-0.01
79) Terphenyl-d14	20.12	244	1198279	73.97	ng	0.00
Target Compounds						
10) Phenol	7.32	94	11096	2.492	ng	# 71
19) n-Nitroso-di-n-propylamine	9.33	70	42215	14.270	ng	# 63
50) Dimethylphthalate	14.22	163	56932	4.534	ng	99
57) 2,4-Dinitrotoluene	14.78	165	19264	5.151	ng	# 20
67) 4-Bromophenyl-phenylether	16.26	248	17146	4.220	ng	# 1

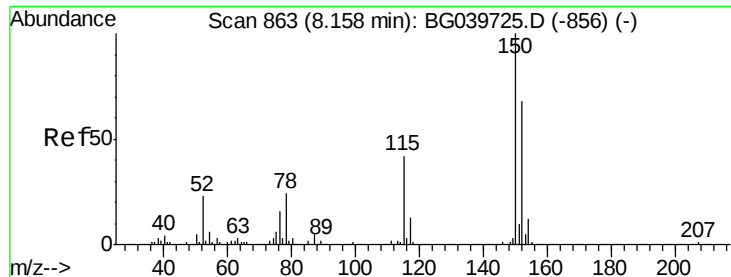
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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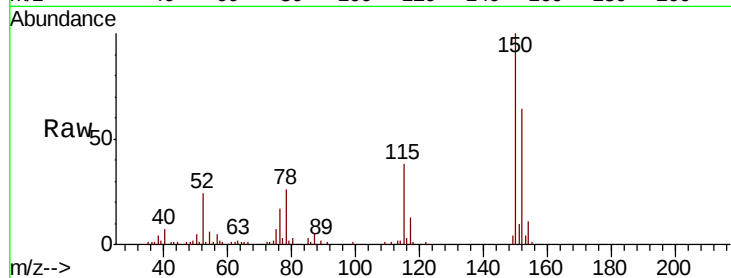


#1

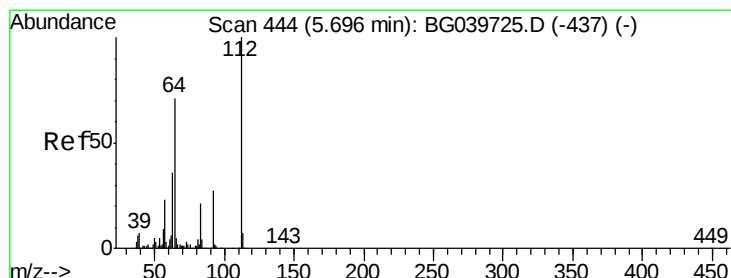
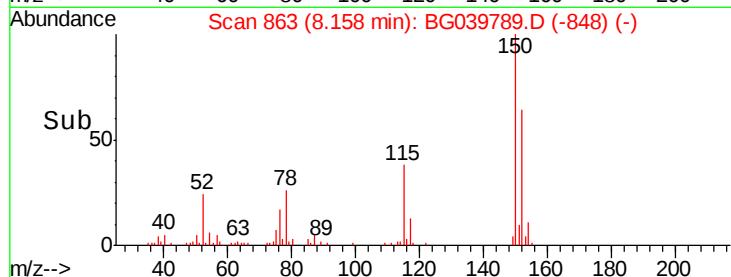
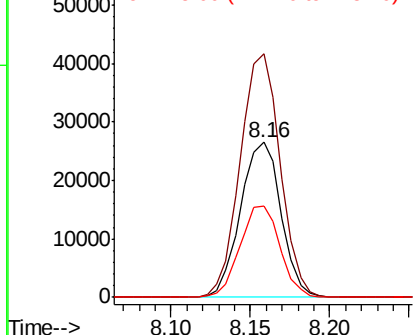
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BG039789.D
Acq: 6 Mar 2019 16:08

Instrument :
BNA_G
ClientSampleId :
PST-028-B106-022719

Tgt Ion:152 Resp: 47025
Ion Ratio Lower Upper
152 100
150 157.2 123.7 185.5
115 59.1 45.9 68.9



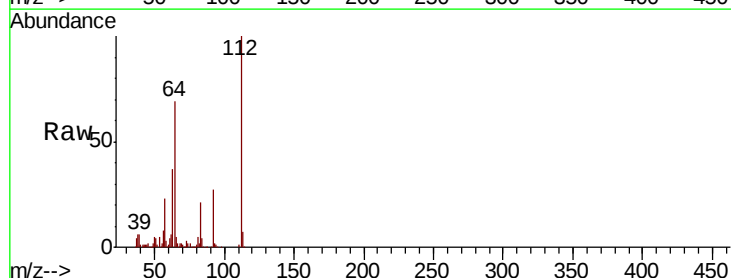
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



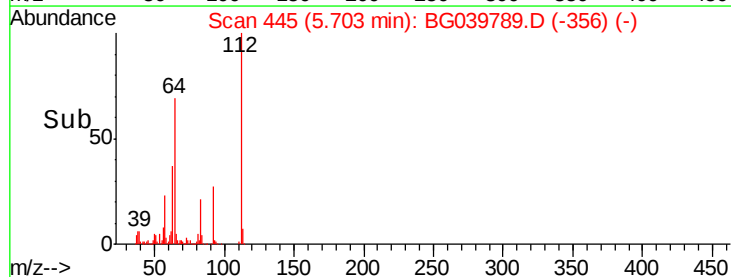
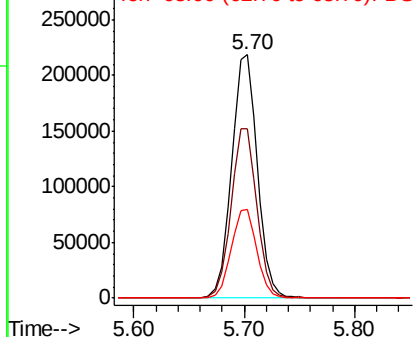
#5

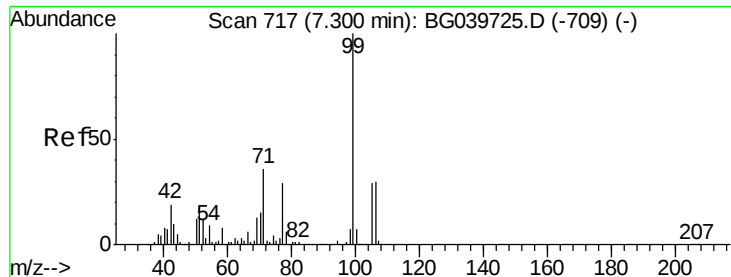
2-Fluorophenol
Concen: 129.563 ng
RT: 5.70 min Scan# 445
Delta R.T. -0.01 min
Lab File: BG039789.D
Acq: 6 Mar 2019 16:08

Tgt Ion:112 Resp: 357131
Ion Ratio Lower Upper
112 100
64 69.3 57.8 86.8
63 36.5 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: 131.736 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039789.D

Acq: 6 Mar 2019 16:08

Instrument :

BNA_G

ClientSampleId :

PST-028-B106-022719

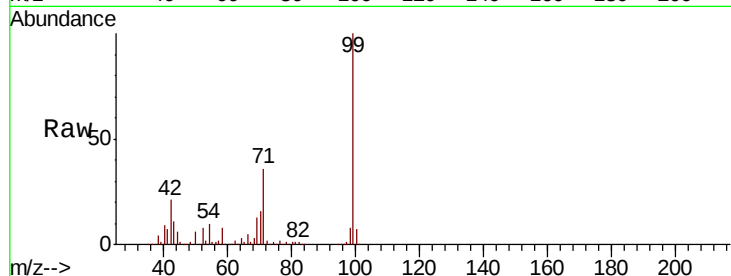
Tgt Ion: 99 Resp: 541434

Ion Ratio Lower Upper

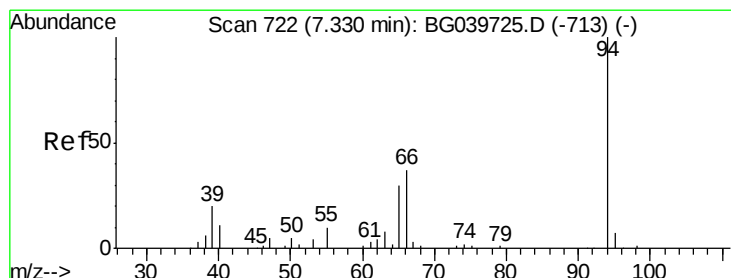
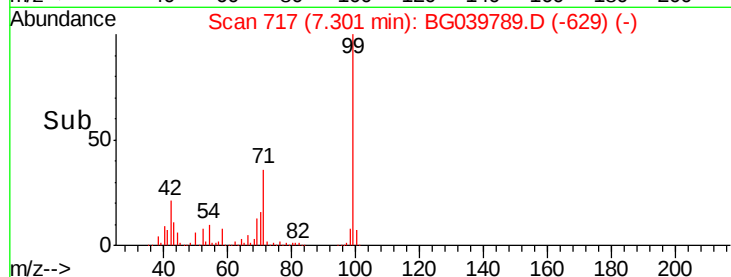
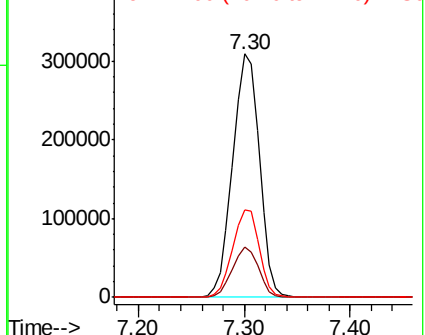
99 100

42 20.6 18.2 27.2

71 35.7 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: 2.492 ng

RT: 7.32 min Scan# 721

Delta R.T. -0.01 min

Lab File: BG039789.D

Acq: 6 Mar 2019 16:08

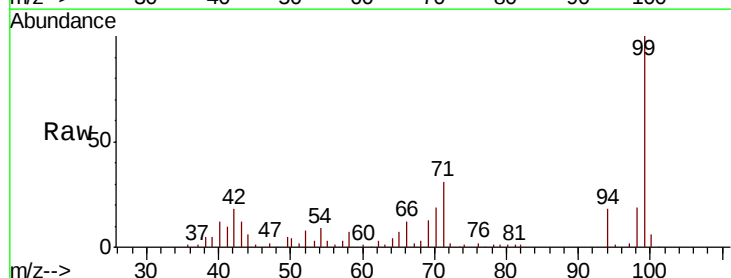
Tgt Ion: 94 Resp: 11096

Ion Ratio Lower Upper

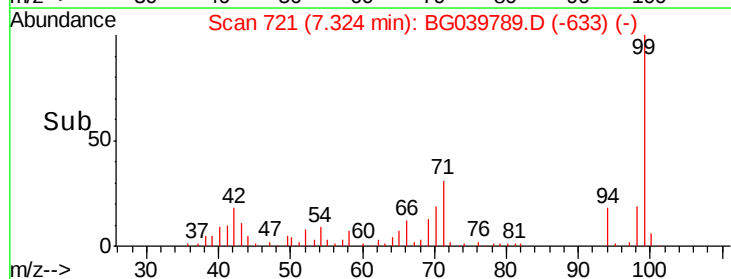
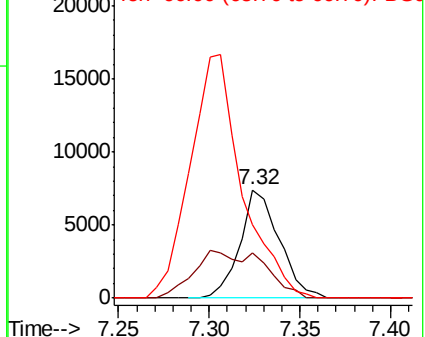
94 100

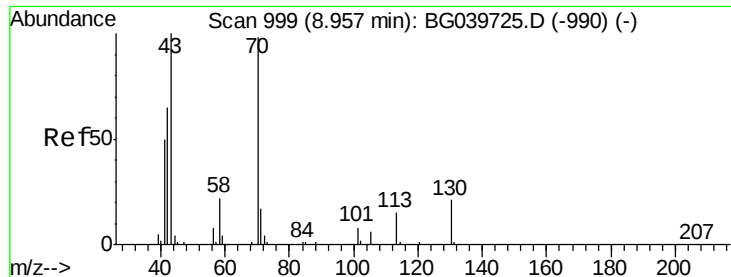
65 41.4 11.7 51.7

66 68.0 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

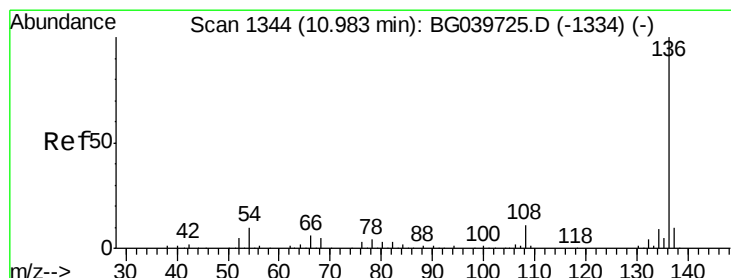
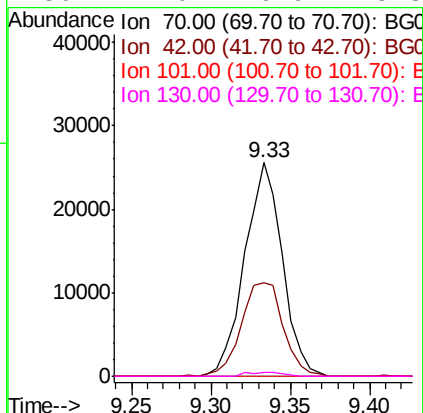
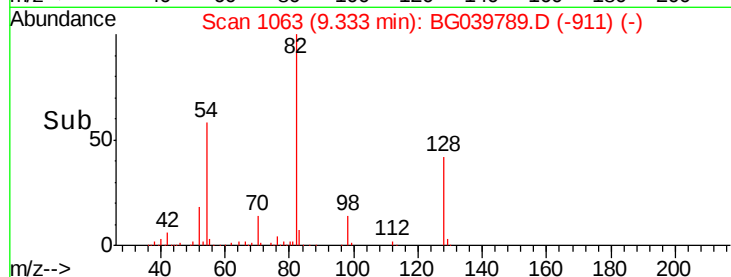
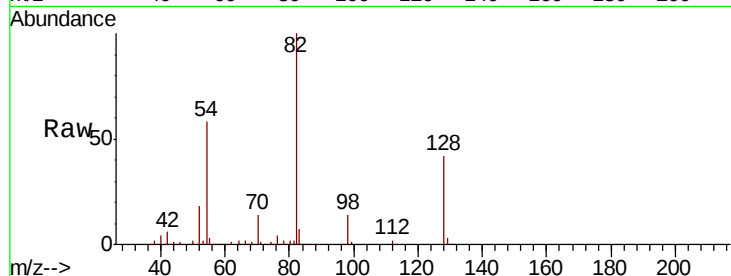




#19
n-Nitroso-di-n-propylamine
Concen: 14.270 ng
RT: 9.33 min Scan# 1063
Delta R.T. 0.36 min
Lab File: BG039789.D
Acq: 6 Mar 2019 16:08

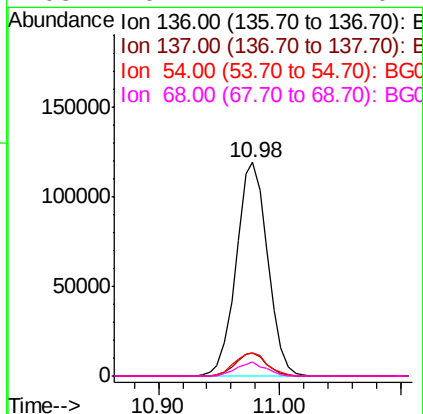
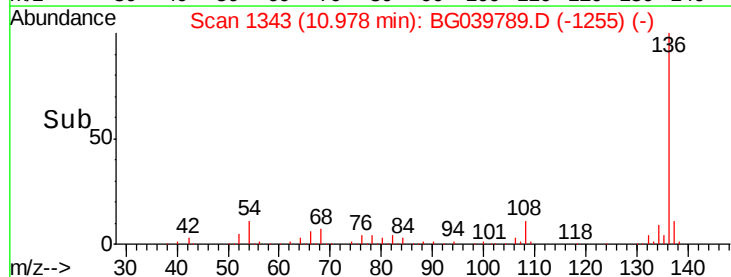
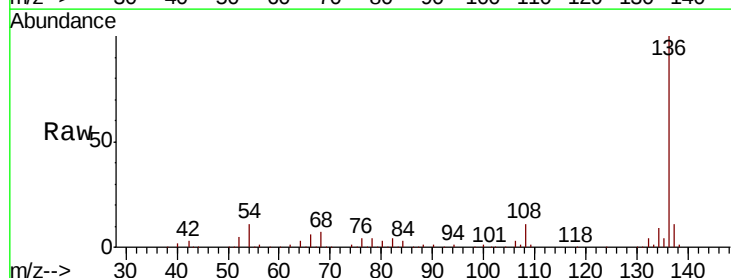
Instrument :
BNA_G
ClientSampleId :
PST-028-B106-022719

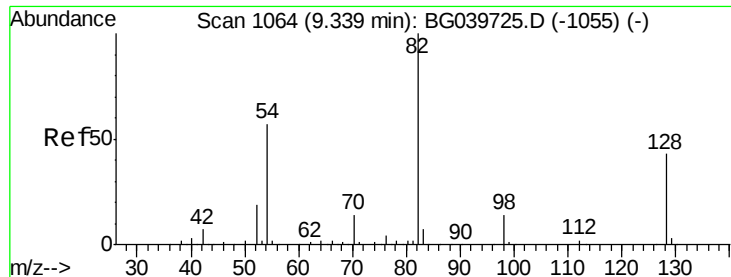
Tgt Ion: 70 Resp: 42215
Ion Ratio Lower Upper
70 100
42 44.0 60.4 90.6#
101 0.0 7.5 11.3#
130 2.0 16.9 25.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG039789.D
Acq: 6 Mar 2019 16:08

Tgt Ion: 136 Resp: 215294
Ion Ratio Lower Upper
136 100
137 10.5 9.1 13.7
54 10.9 9.4 14.2
68 6.7 4.2 6.4#

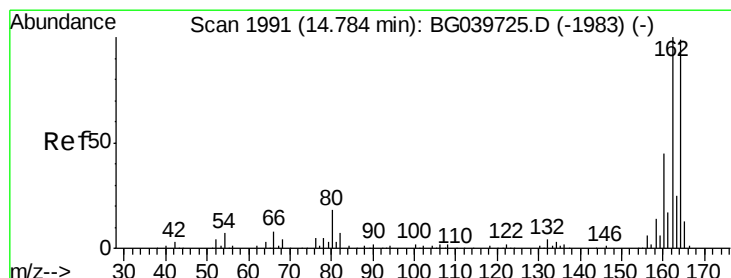
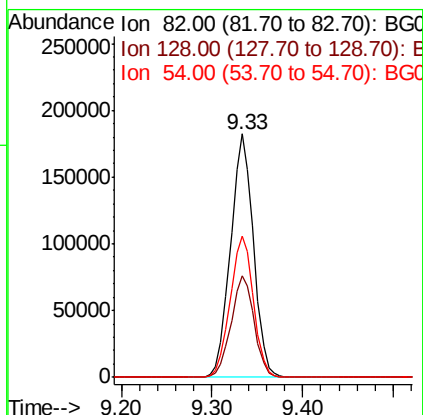
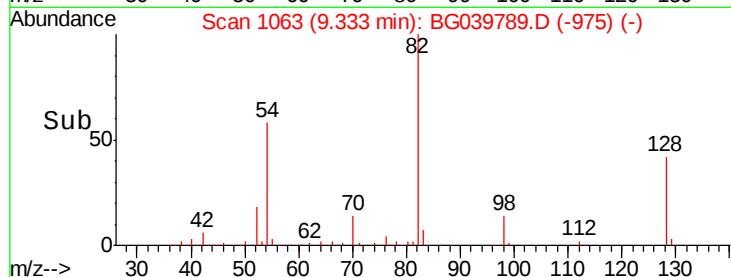
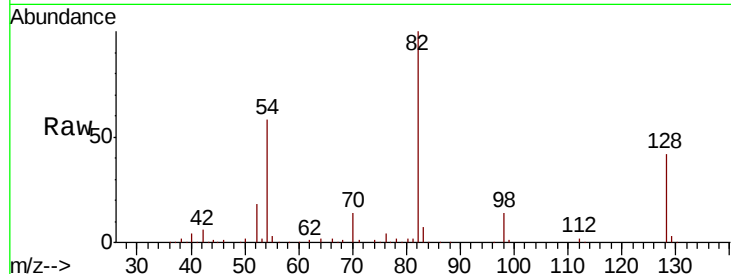




#23
Nitrobenzene-d5
Concen: 80.325 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG039789.D
Acq: 6 Mar 2019 16:08

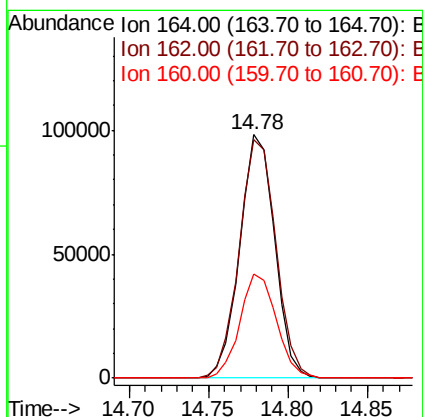
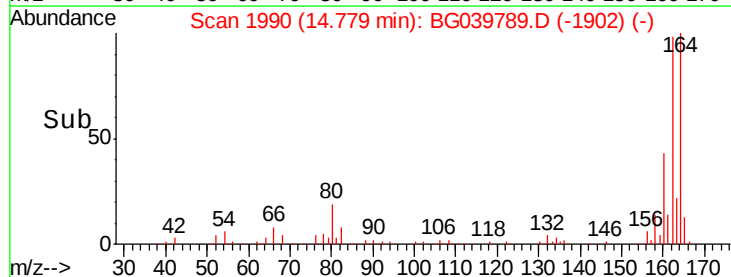
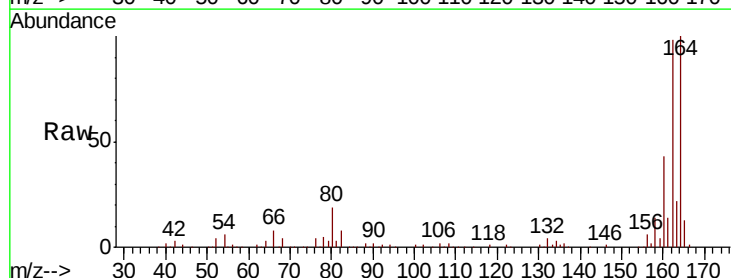
Instrument :
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ClientSampleId :
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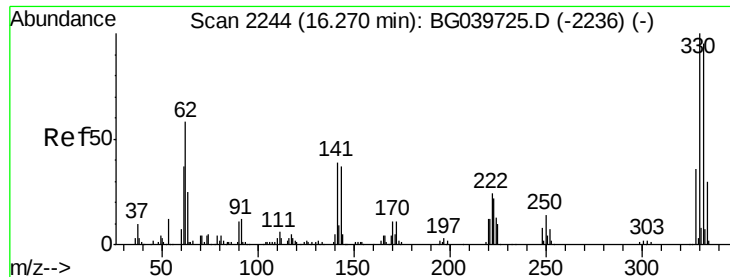
Tgt Ion: 82 Resp: 319751
Ion Ratio Lower Upper
82 100
128 41.7 31.3 46.9
54 58.0 50.9 76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BG039789.D
Acq: 6 Mar 2019 16:08

Tgt Ion: 164 Resp: 150155
Ion Ratio Lower Upper
164 100
162 97.9 81.6 122.4
160 42.7 34.2 51.2

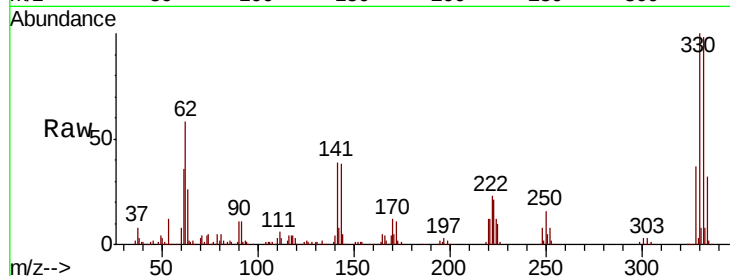




#42
 2,4,6-Tribromophenol
 Concen: 127.443 ng
 RT: 16.27 min Scan# 2244
 Delta R.T. -0.01 min
 Lab File: BG039789.D
 Acq: 6 Mar 2019 16:08

Instrument :
 BNA_G
 ClientSampleId :
 PST-028-B106-022719

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	75.7	113.5
141	41.4	35.6	53.4

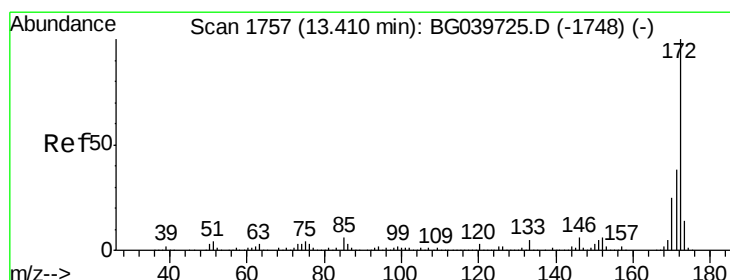
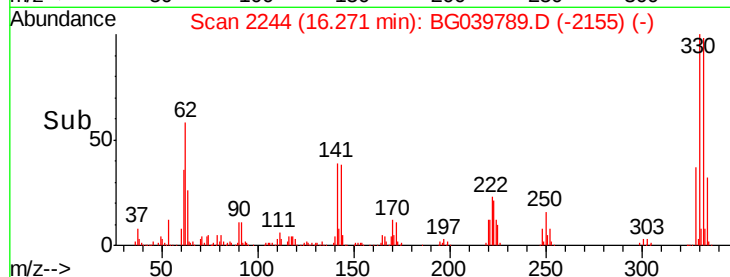
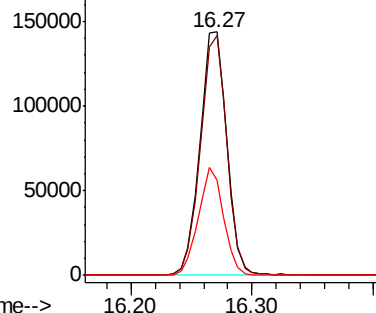


Abundance

Ion 329.80 (329.50 to 330.50): E

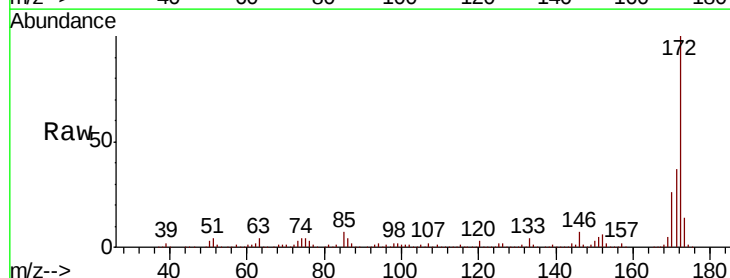
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 76.171 ng
 RT: 13.40 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BG039789.D
 Acq: 6 Mar 2019 16:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.8	46.2
170	25.6	20.2	30.4

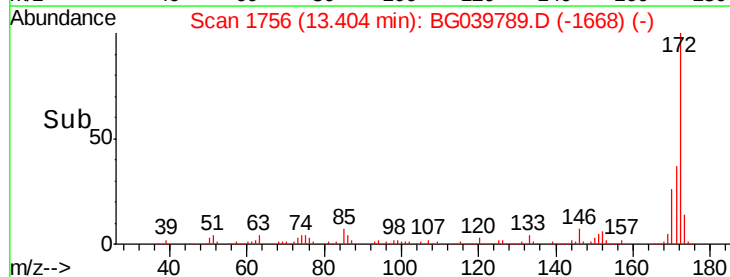
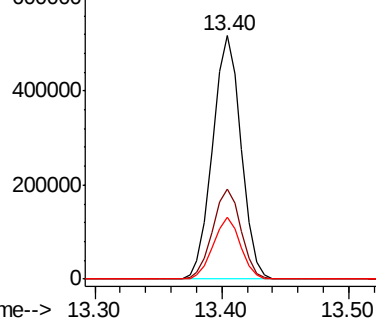


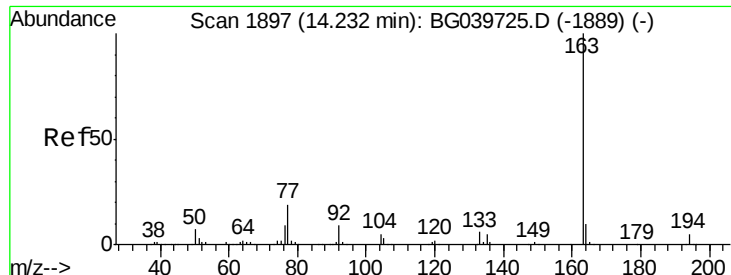
Abundance

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: 4.534 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.02 min

Lab File: BG039789.D

Acq: 6 Mar 2019 16:08

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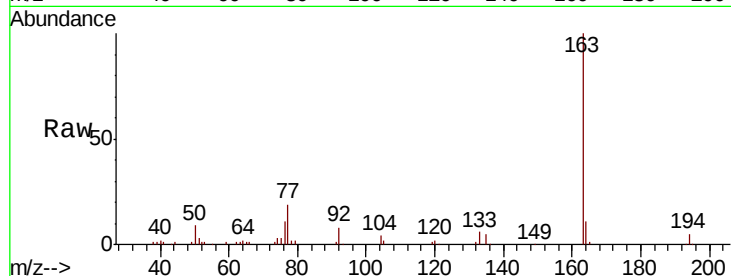
Tgt Ion:163 Resp: 56932

Ion Ratio Lower Upper

163 100

194 5.0 3.6 5.4

164 11.0 8.4 12.6

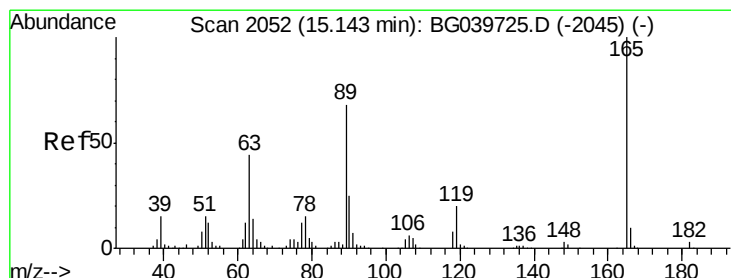
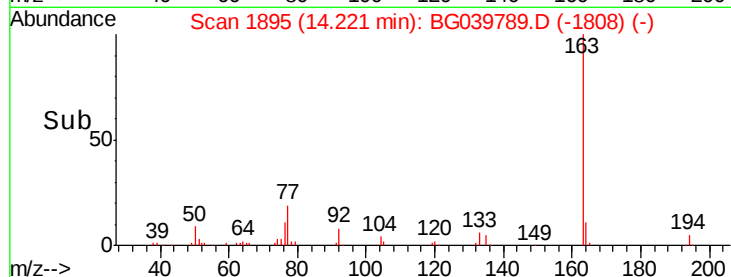
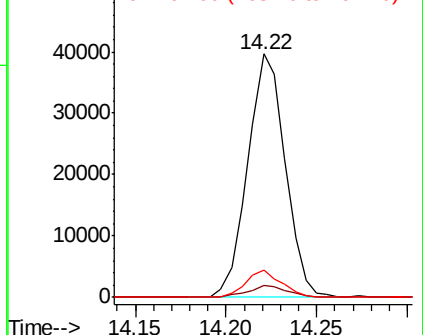


Abundance

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: 5.151 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.37 min

Lab File: BG039789.D

Acq: 6 Mar 2019 16:08

Tgt Ion:165 Resp: 19264

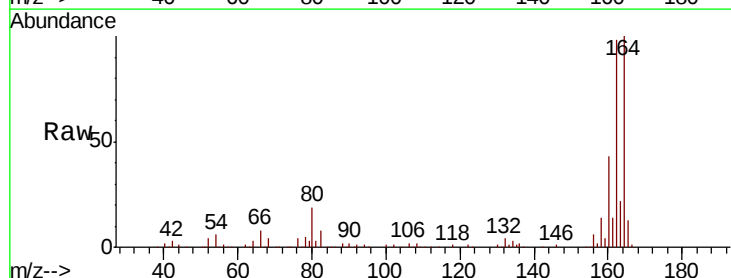
Ion Ratio Lower Upper

165 100

63 2.1 41.0 61.6#

89 1.8 64.6 96.8#

182 0.0 2.0 3.0#



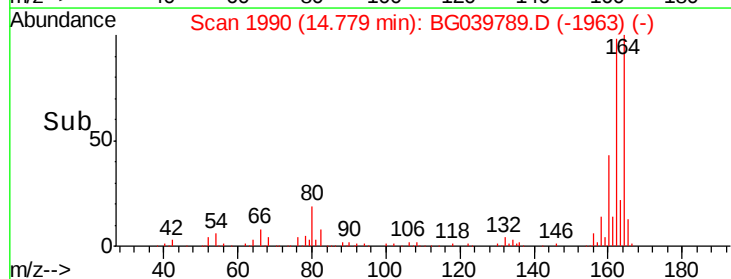
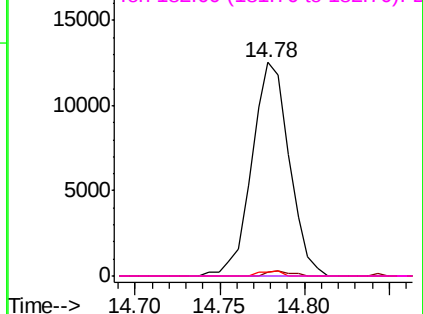
Abundance

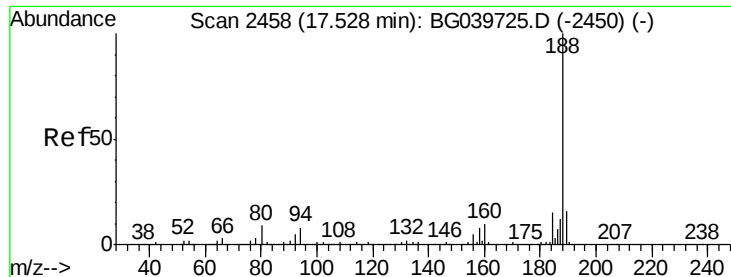
Ion 165.00 (164.70 to 165.70): E

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: 17.52 min Scan# 2457

Delta R.T. -0.01 min

Lab File: BG039789.D

Acq: 6 Mar 2019 16:08

Instrument :

BNA_G

ClientSampleId :

PST-028-B106-022719

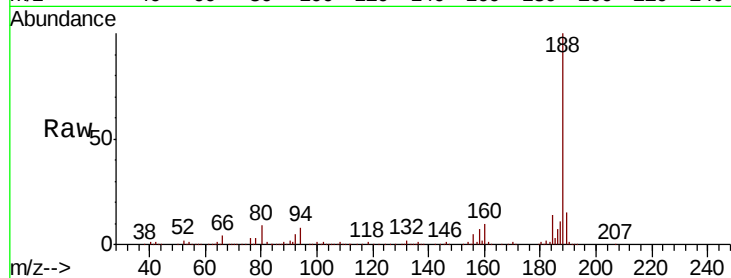
Tgt Ion:188 Resp: 362954

Ion Ratio Lower Upper

188 100

94 8.4 6.9 10.3

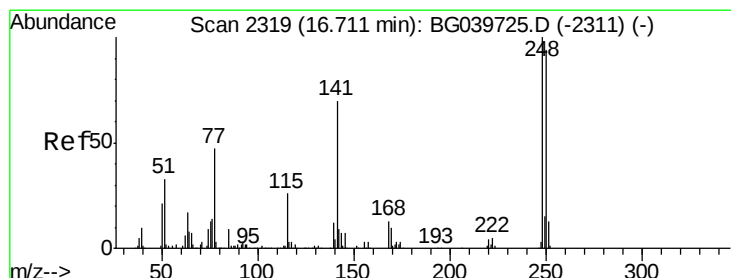
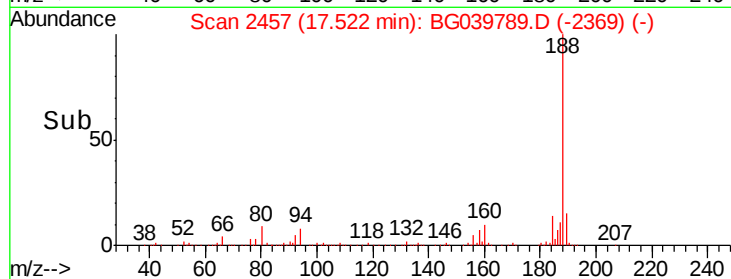
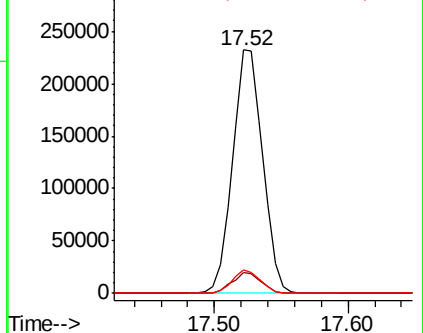
80 9.5 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#67

4-Bromophenyl-phenylether

Concen: 4.220 ng

RT: 16.26 min Scan# 2243

Delta R.T. -0.45 min

Lab File: BG039789.D

Acq: 6 Mar 2019 16:08

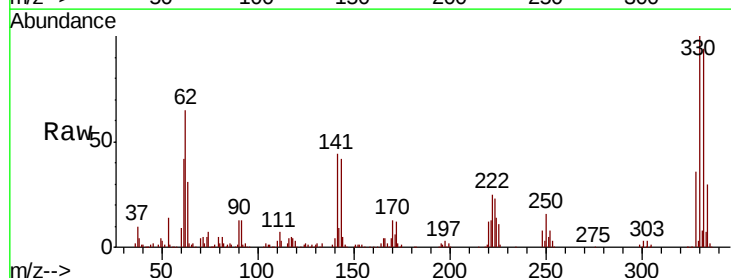
Tgt Ion:248 Resp: 17146

Ion Ratio Lower Upper

248 100

250 206.7 77.6 116.4#

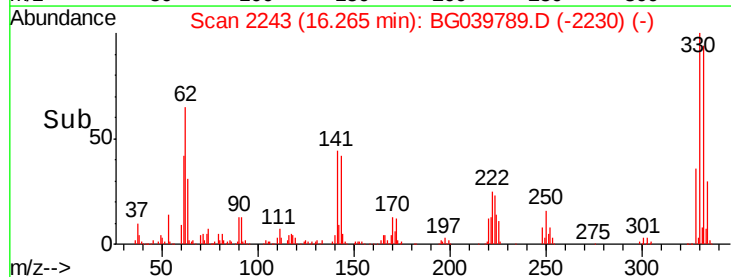
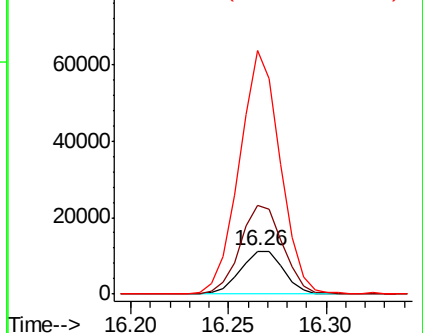
141 568.4 63.9 95.9#

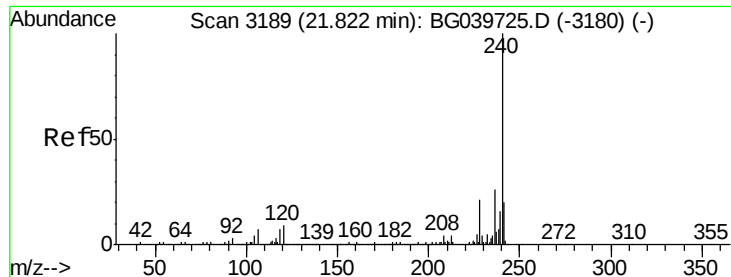


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.81 min Scan# 3187

Delta R.T. -0.02 min

Lab File: BG039789.D

Acq: 6 Mar 2019 16:08

Instrument :

BNA_G

ClientSampleId :

PST-028-B106-022719

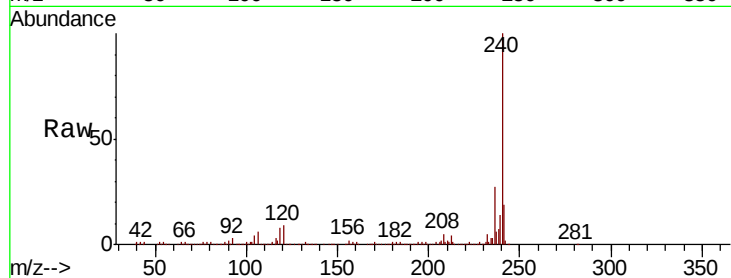
Tgt Ion:240 Resp: 356676

Ion Ratio Lower Upper

240 100

120 8.9 7.0 10.6

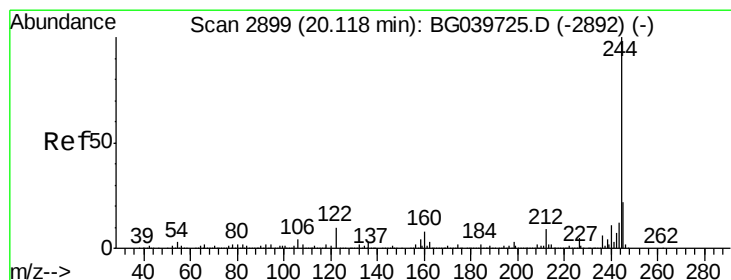
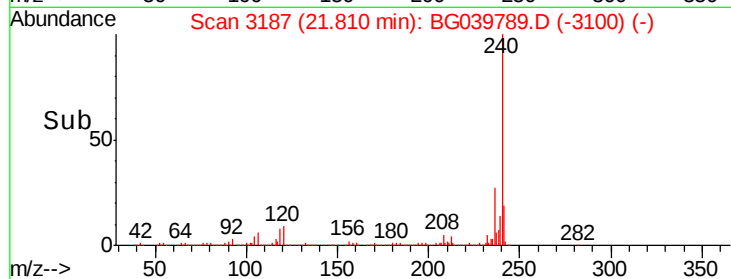
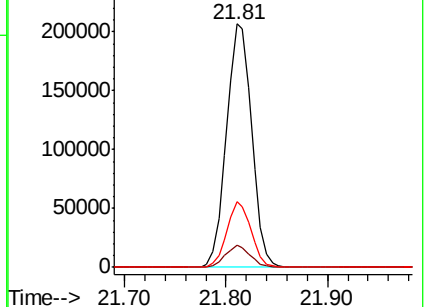
236 27.2 21.0 31.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79

Terphenyl-d14

Concen: 73.971 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.01 min

Lab File: BG039789.D

Acq: 6 Mar 2019 16:08

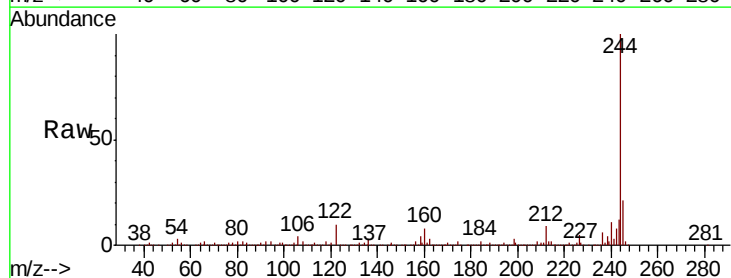
Tgt Ion:244 Resp: 1198279

Ion Ratio Lower Upper

244 100

212 9.1 7.3 10.9

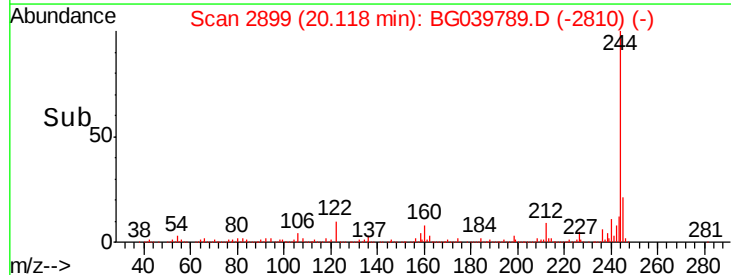
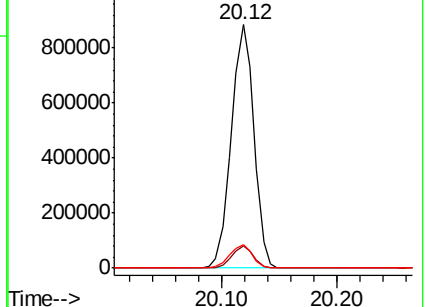
122 9.7 8.4 12.6

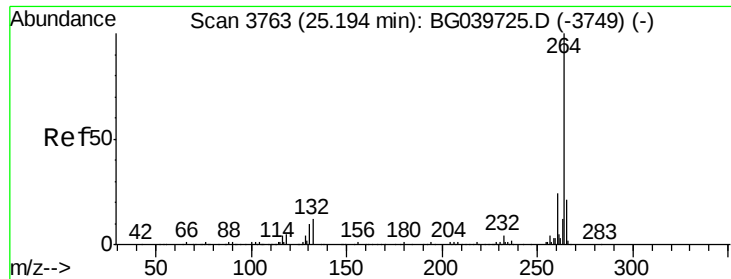


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.18 min Scan# 3761
Delta R.T. -0.02 min
Lab File: BG039789.D
Acq: 6 Mar 2019 16:08

Instrument :
BNA_G
ClientSampleId :
PST-028-B106-022719

Tgt Ion: 264 Resp: 358822
Ion Ratio Lower Upper
264 100
260 23.5 18.2 27.4
265 21.7 18.5 27.7

