

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030619\
 Data File : BG039794.D
 Acq On : 6 Mar 2019 19:26
 Operator : JU/SJ
 Sample : K1752-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DR-FC

Quant Time: Mar 07 00:11:15 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

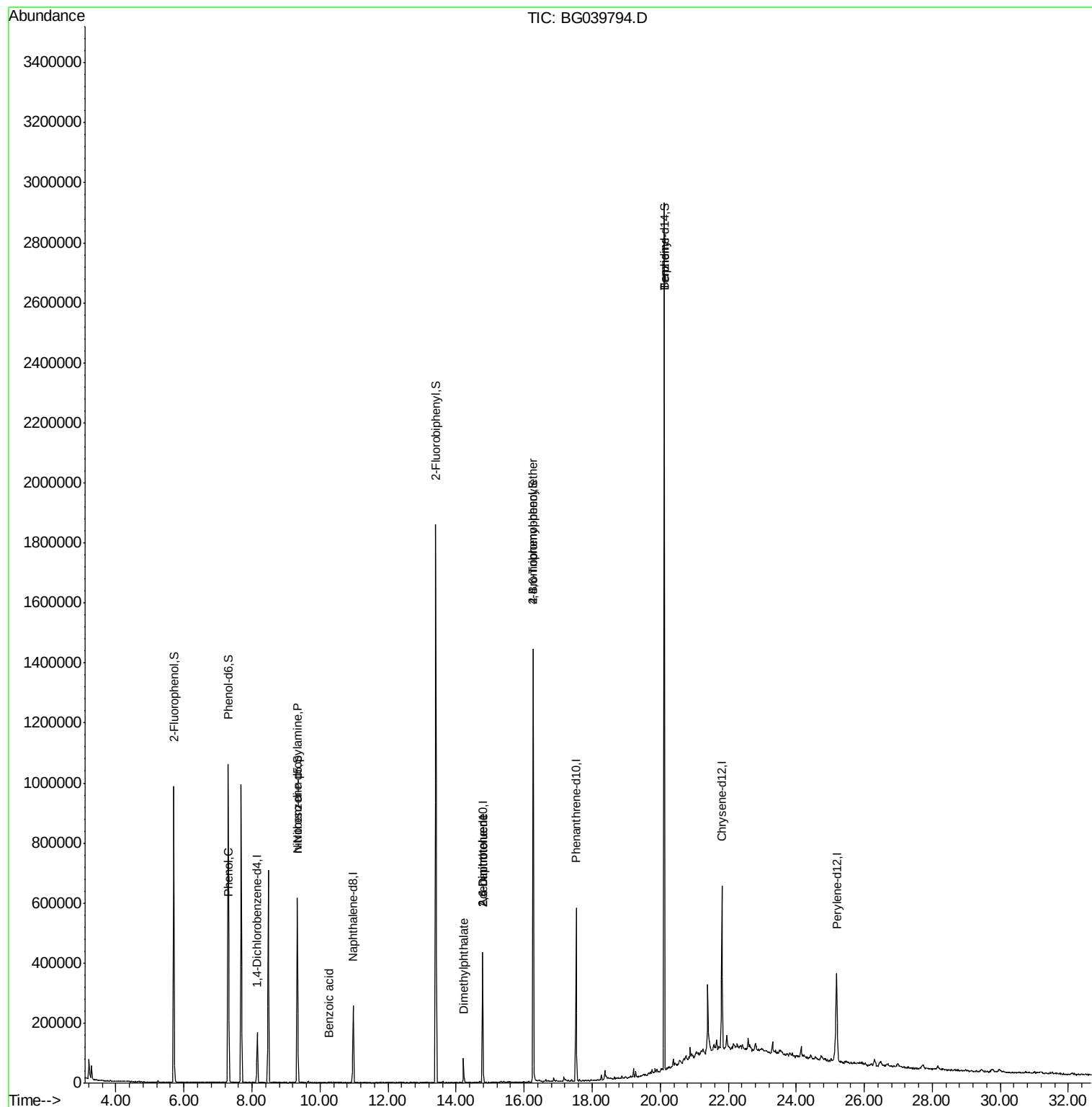
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	49642	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	216797	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	154347	20.00	ng	-0.01
64) Phenanthrene-d10	17.52	188	365763	20.00	ng	-0.01
76) Chrysene-d12	21.82	240	331505	20.00	ng	-0.01
87) Perylene-d12	25.19	264	341358	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	419630	144.21	ng	0.00
7) Phenol-d6	7.31	99	624225	143.87	ng	0.00
23) Nitrobenzene-d5	9.33	82	366523	91.44	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	258665	143.78	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	961265	88.68	ng	-0.01
79) Terphenyl-d14	20.12	244	1332479	88.50	ng	0.00
Target Compounds						
10) Phenol	7.32	94	11889	2.529	ng	# 49
19) n-Nitroso-di-n-propylamine	9.33	70	48119	15.408	ng	# 69
32) Benzoic acid	10.27	122	719	6.884	ng	# 37
50) Dimethylphthalate	14.22	163	54672	4.236	ng	# 98
51) 2,6-Dinitrotoluene	14.78	165	19906	7.275	ng	# 23
57) 2,4-Dinitrotoluene	14.78	165	19906	5.178	ng	# 18
67) 4-Bromophenyl-phenylether	16.26	248	20741	5.066	ng	# 1
77) Benzidine	20.12	184	25002	2.377	ng	# 94

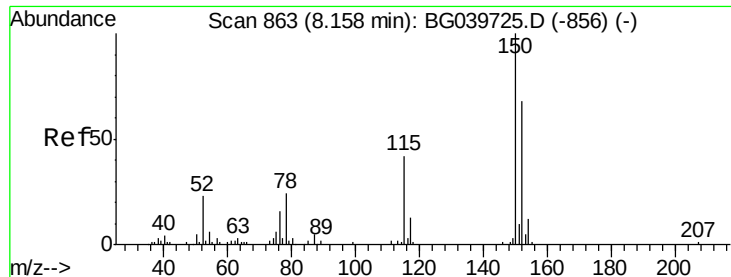
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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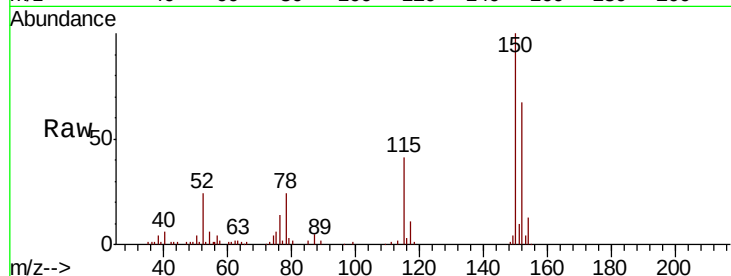


#1

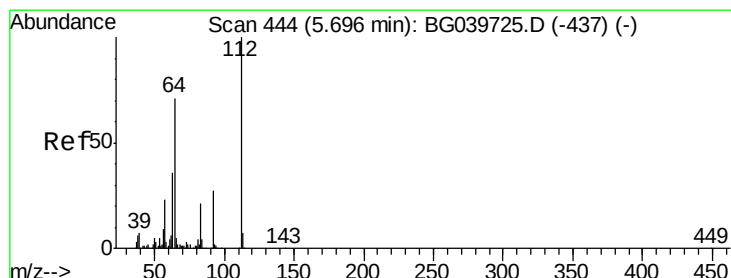
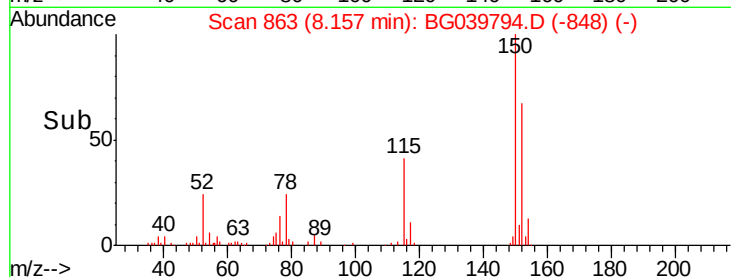
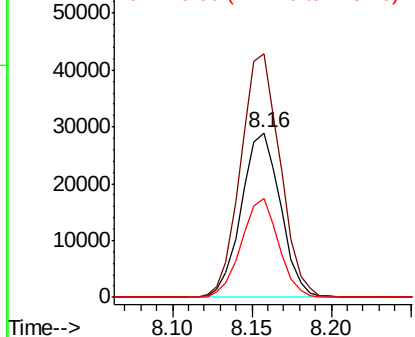
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BG039794.D
Acq: 6 Mar 2019 19:26

Instrument :
BNA_G
ClientSampled :
DR-FC

Tgt Ion:152 Resp: 49642
Ion Ratio Lower Upper
152 100
150 148.2 123.7 185.5
115 60.5 45.9 68.9



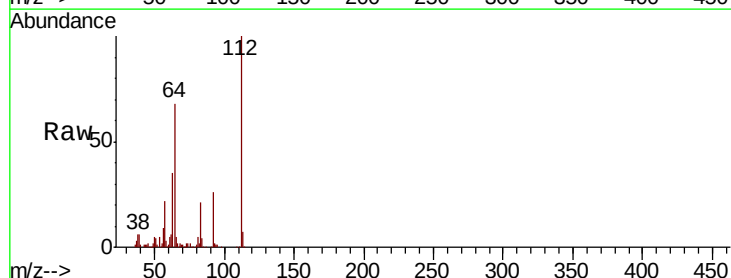
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



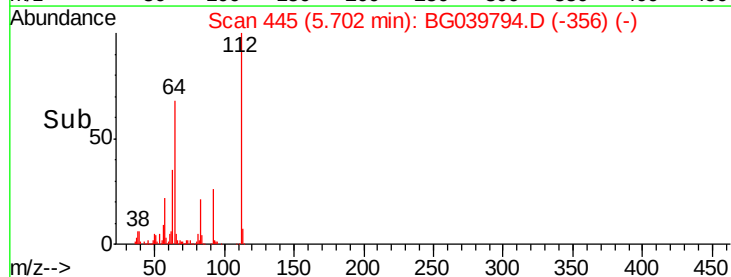
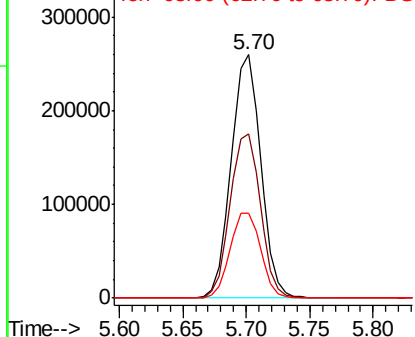
#5

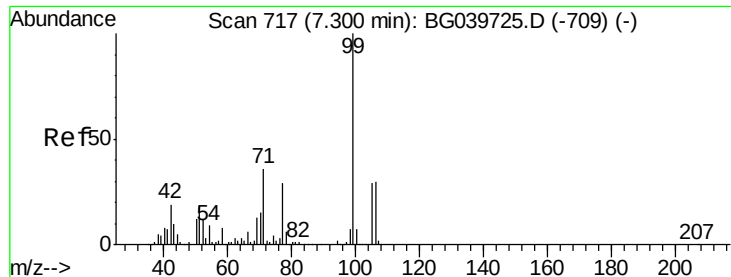
2-Fluorophenol
Concen: 144.211 ng
RT: 5.70 min Scan# 445
Delta R.T. -0.01 min
Lab File: BG039794.D
Acq: 6 Mar 2019 19:26

Tgt Ion:112 Resp: 419630
Ion Ratio Lower Upper
112 100
64 67.6 57.8 86.8
63 34.9 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: 143.873 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BG039794.D

Acq: 6 Mar 2019 19:26

Instrument :

BNA_G

ClientSampleId :

DR-FC

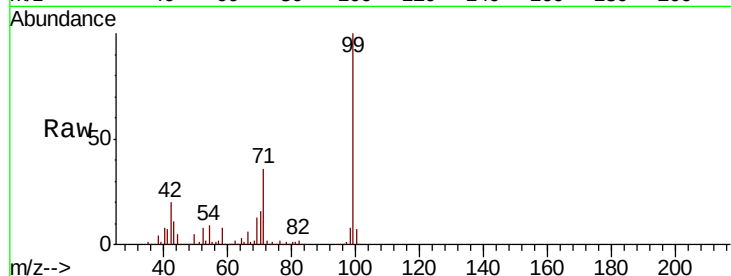
Tgt Ion: 99 Resp: 624225

Ion Ratio Lower Upper

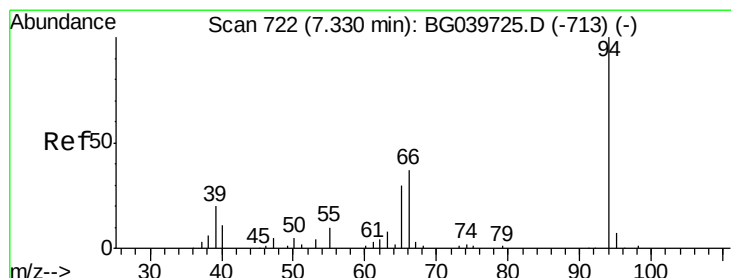
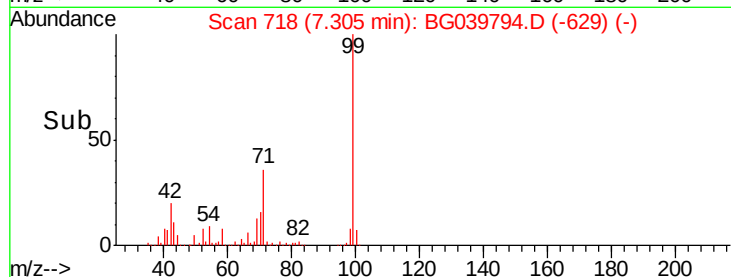
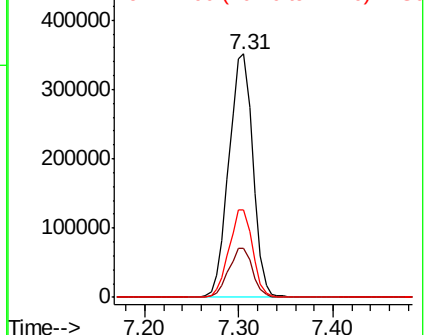
99 100

42 20.4 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: 2.529 ng

RT: 7.32 min Scan# 721

Delta R.T. -0.01 min

Lab File: BG039794.D

Acq: 6 Mar 2019 19:26

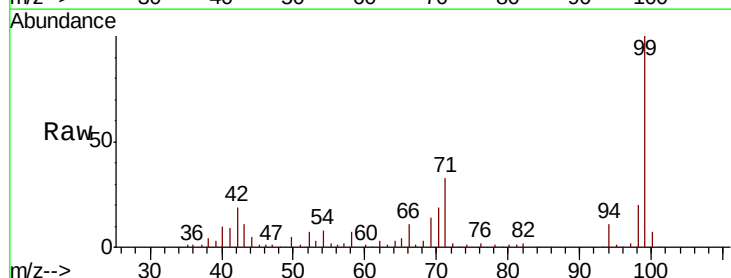
Tgt Ion: 94 Resp: 11889

Ion Ratio Lower Upper

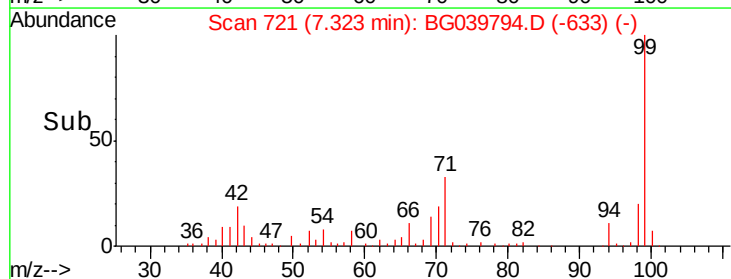
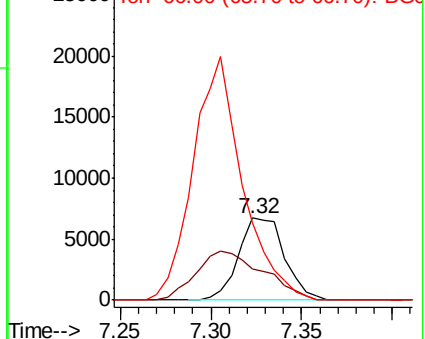
94 100

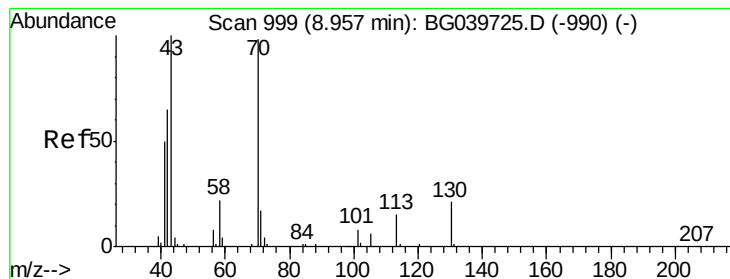
65 38.5 11.7 51.7

66 95.2 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: 15.408 ng

RT: 9.33 min Scan# 1063

Delta R.T. 0.36 min

Lab File: BG039794.D

Acq: 6 Mar 2019 19:26

Instrument :

BNA_G

ClientSampleId :

DR-FC

Tgt Ion: 70 Resp: 48119

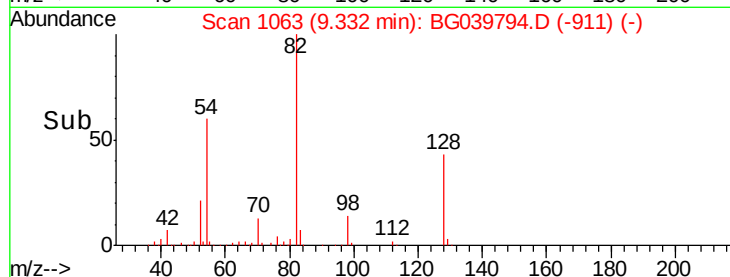
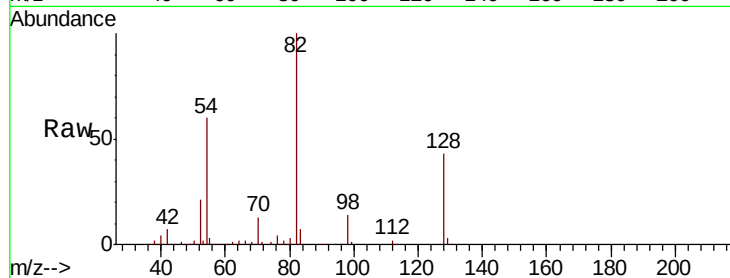
Ion Ratio Lower Upper

70 100

42 51.2 60.4 90.6#

101 0.0 7.5 11.3#

130 2.4 16.9 25.3#



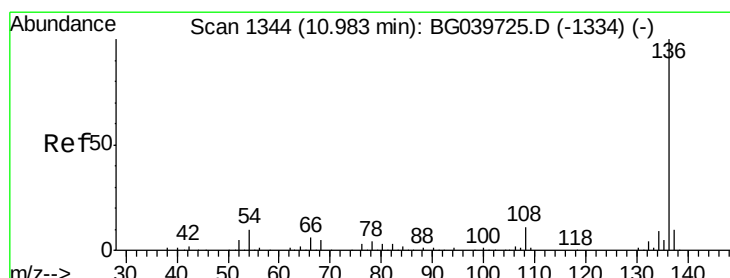
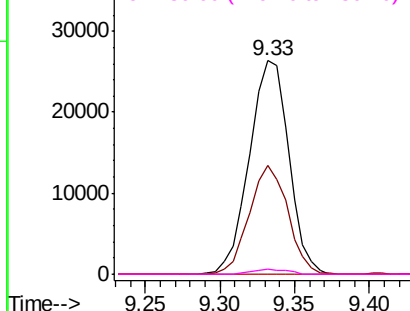
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.98 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BG039794.D

Acq: 6 Mar 2019 19:26

Tgt Ion: 136 Resp: 216797

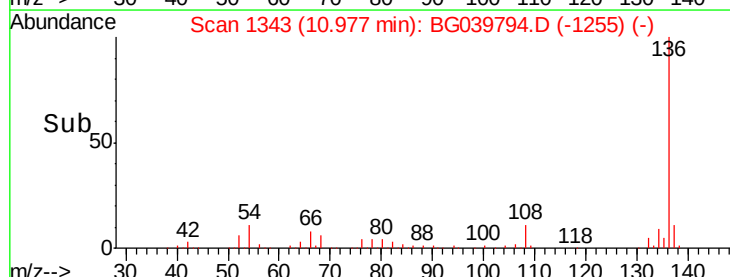
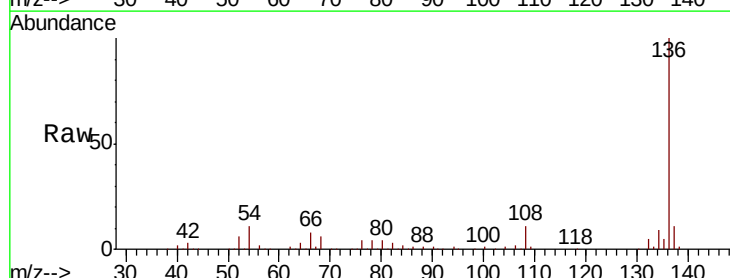
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 11.3 9.4 14.2

68 6.1 4.2 6.4



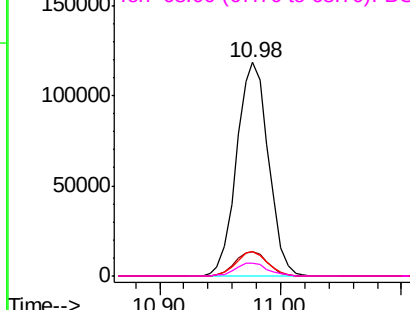
Abundance

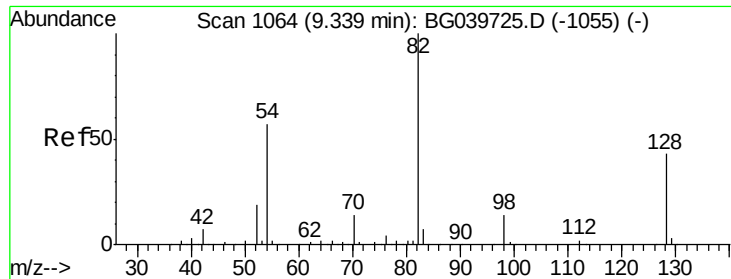
Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

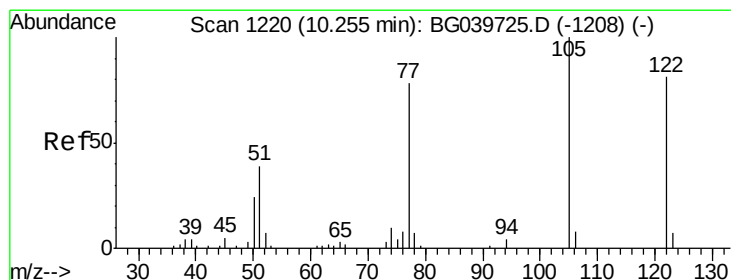
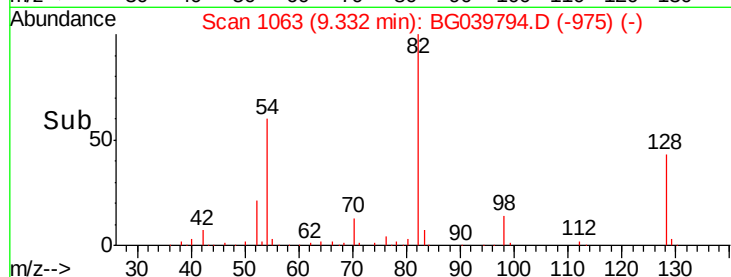
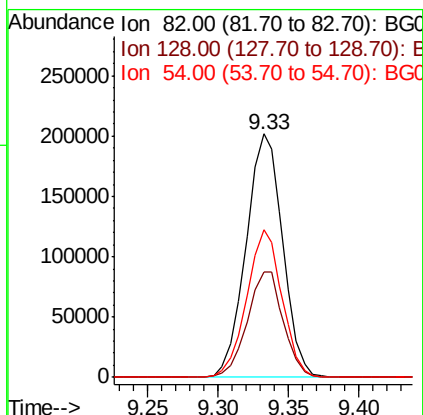
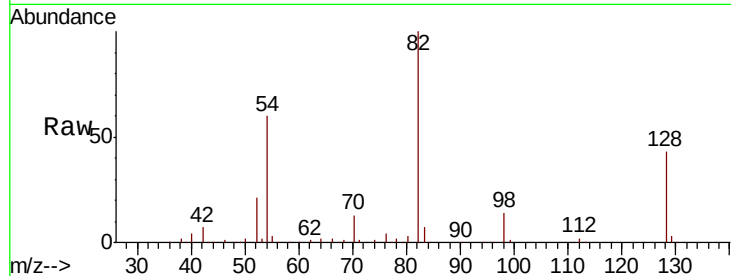




#23
 Nitrobenzene-d5
 Concen: 91.436 ng
 RT: 9.33 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BG039794.D
 Acq: 6 Mar 2019 19:26

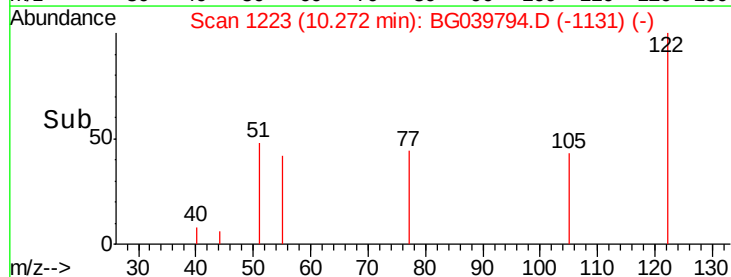
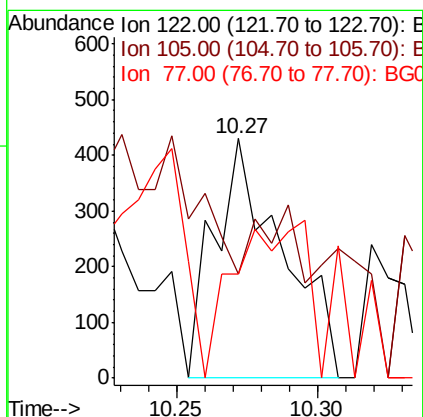
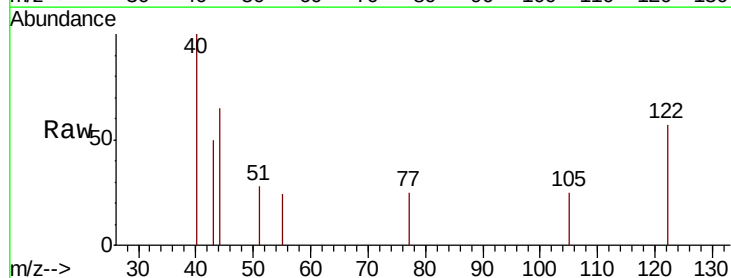
Instrument :
 BNA_G
 ClientSampleId :
 DR-FC

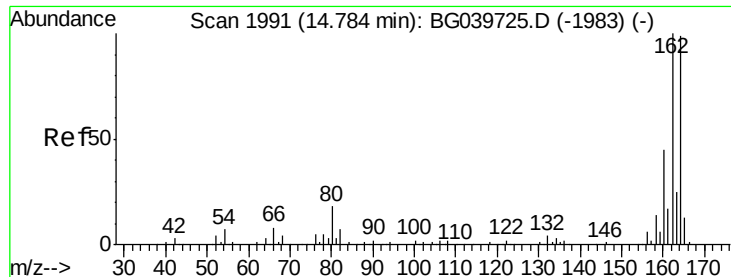
Tgt Ion: 82 Resp: 366523
 Ion Ratio Lower Upper
 82 100
 128 43.4 31.3 46.9
 54 60.5 50.9 76.3



#32
 Benzoic acid
 Concen: 6.884 ng
 RT: 10.27 min Scan# 1223
 Delta R.T. 0.01 min
 Lab File: BG039794.D
 Acq: 6 Mar 2019 19:26

Tgt Ion: 122 Resp: 719
 Ion Ratio Lower Upper
 122 100
 105 43.5 101.8 141.8#
 77 43.7 76.3 116.3#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BG039794.D

Acq: 6 Mar 2019 19:26

Instrument :

BNA_G

ClientSampleId :

DR-FC

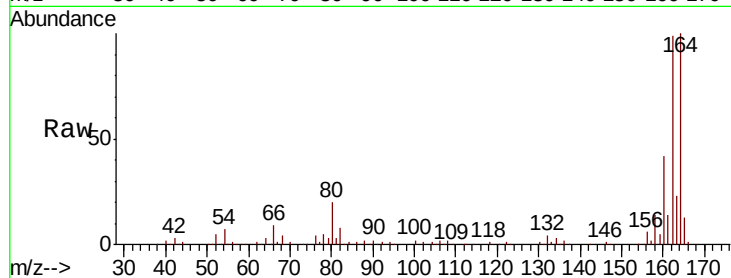
Tgt Ion:164 Resp: 154347

Ion Ratio Lower Upper

164 100

162 98.7 81.6 122.4

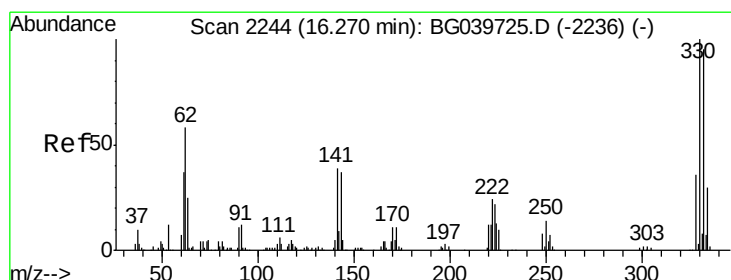
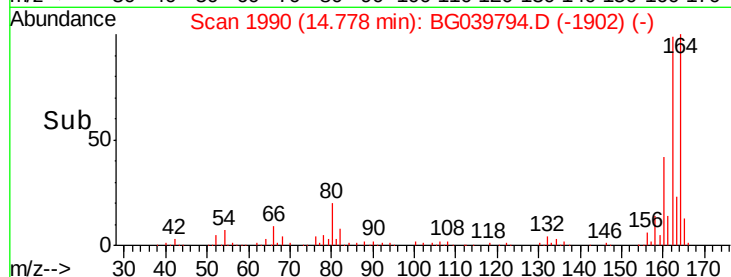
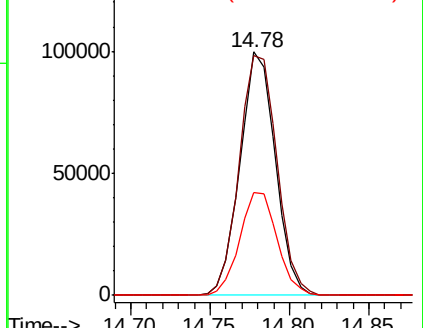
160 42.4 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 143.780 ng

RT: 16.27 min Scan# 2244

Delta R.T. -0.01 min

Lab File: BG039794.D

Acq: 6 Mar 2019 19:26

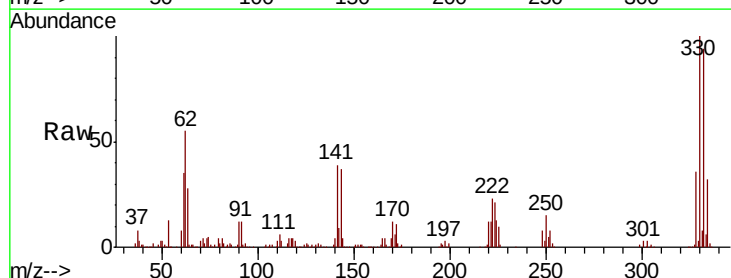
Tgt Ion:330 Resp: 258665

Ion Ratio Lower Upper

330 100

332 96.5 75.7 113.5

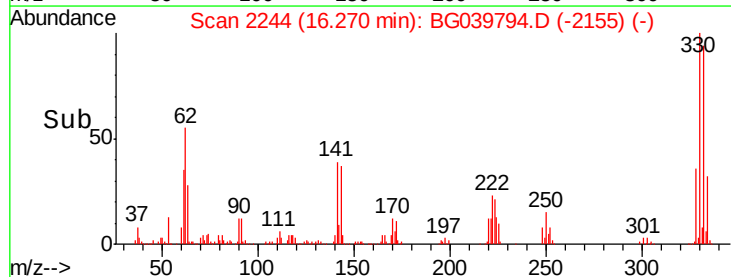
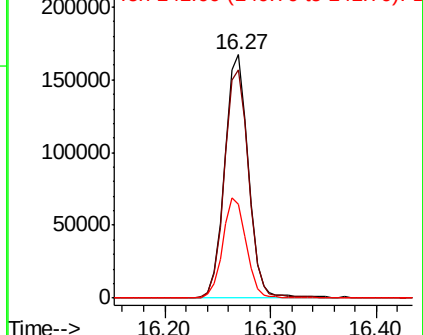
141 41.2 35.6 53.4

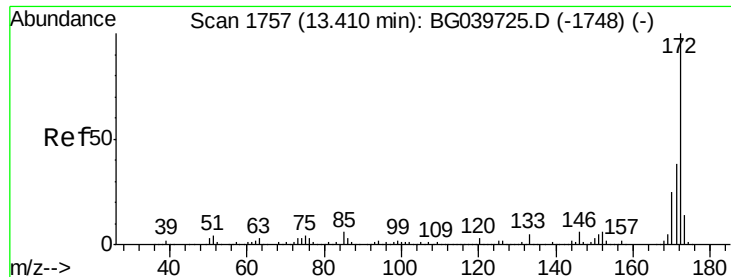


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

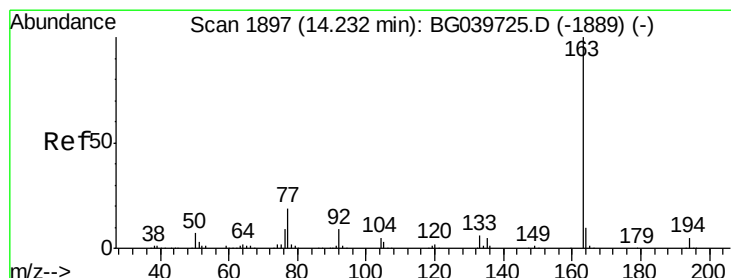
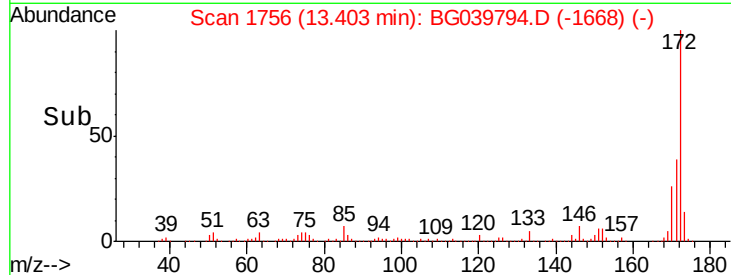
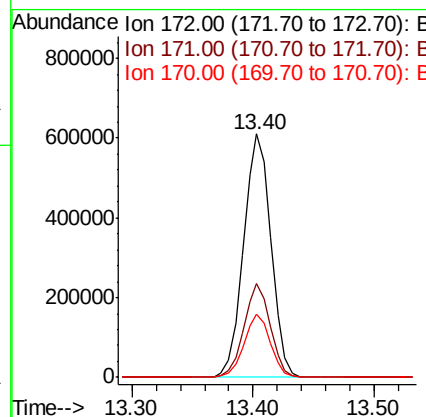
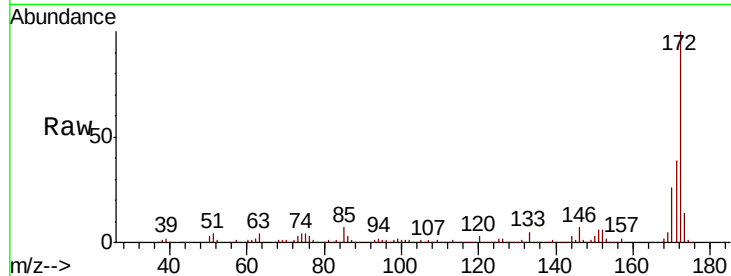




#45
 2-Fluorobiphenyl
 Concen: 88.675 ng
 RT: 13.40 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BG039794.D
 Acq: 6 Mar 2019 19:26

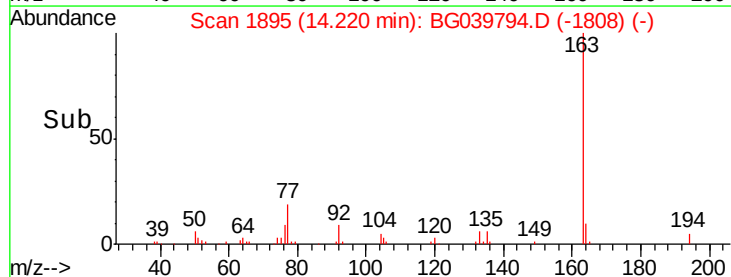
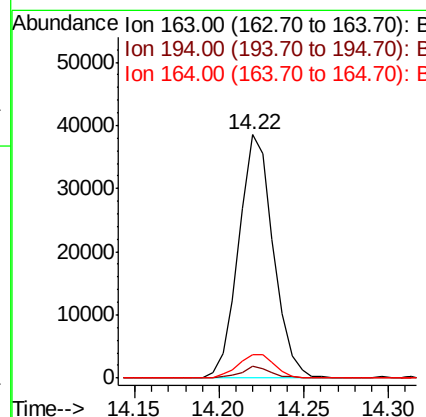
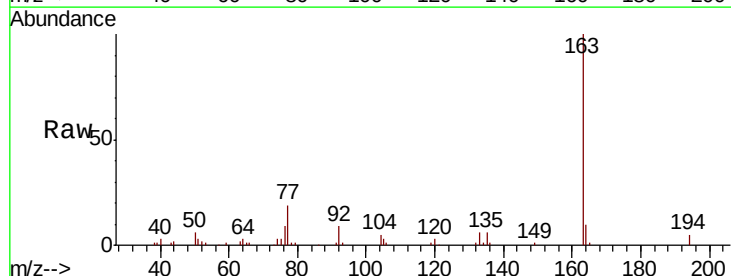
Instrument :
 BNA_G
 ClientSampleId :
 DR-FC

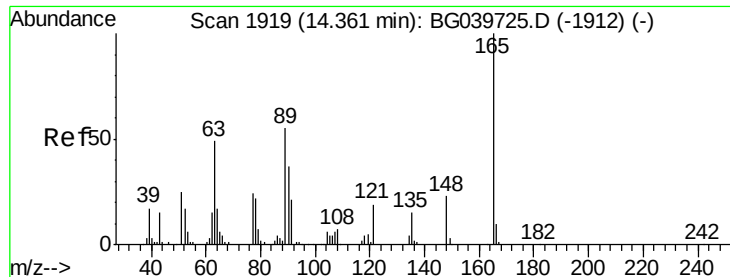
Tgt Ion:172 Resp: 961265
 Ion Ratio Lower Upper
 172 100
 171 38.5 30.8 46.2
 170 25.7 20.2 30.4



#50
 Dimethylphthalate
 Concen: 4.236 ng
 RT: 14.22 min Scan# 1895
 Delta R.T. -0.02 min
 Lab File: BG039794.D
 Acq: 6 Mar 2019 19:26

Tgt Ion:163 Resp: 54672
 Ion Ratio Lower Upper
 163 100
 194 5.0 3.6 5.4
 164 9.8 8.4 12.6

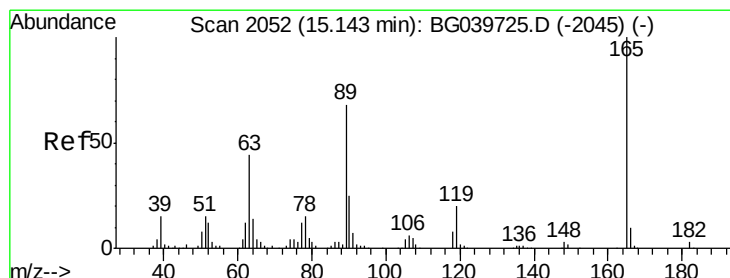
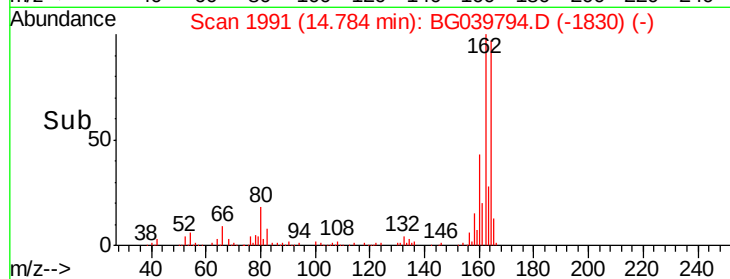
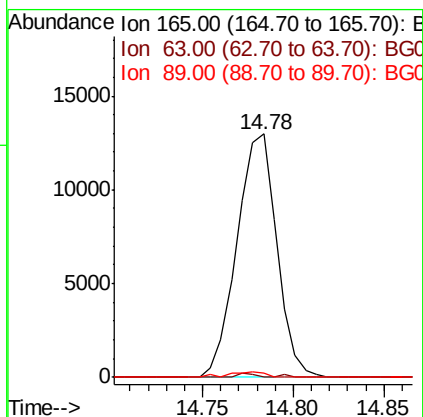
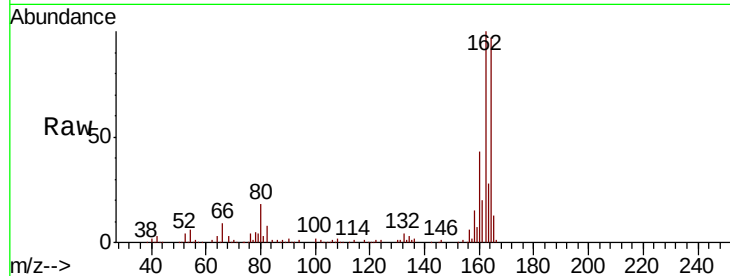




#51
 2,6-Dinitrotoluene
 Concen: 7.275 ng
 RT: 14.78 min Scan# 1991
 Delta R.T. 0.42 min
 Lab File: BG039794.D
 Acq: 6 Mar 2019 19:26

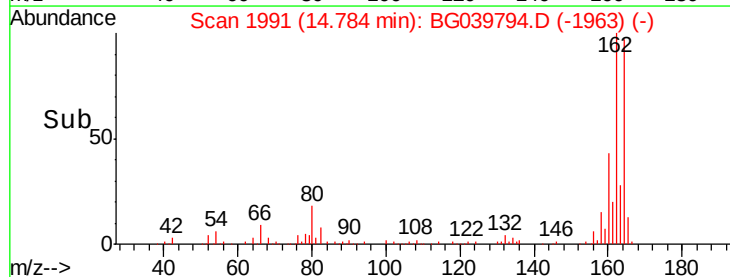
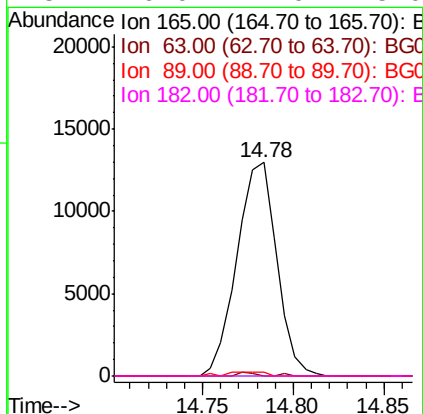
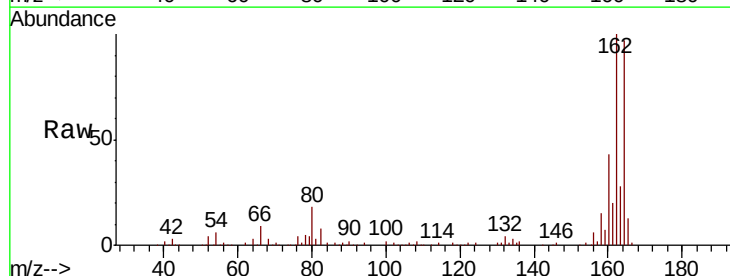
Instrument :
 BNA_G
 ClientSampleId :
 DR-FC

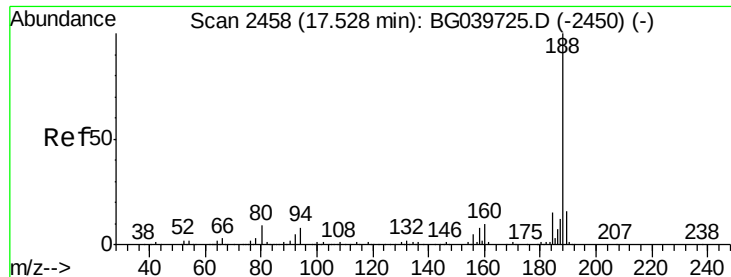
Tgt Ion:165 Resp: 19906
 Ion Ratio Lower Upper
 165 100
 63 0.0 47.0 70.6#
 89 1.5 45.8 68.8#



#57
 2,4-Dinitrotoluene
 Concen: 5.178 ng
 RT: 14.78 min Scan# 1991
 Delta R.T. -0.37 min
 Lab File: BG039794.D
 Acq: 6 Mar 2019 19:26

Tgt Ion:165 Resp: 19906
 Ion Ratio Lower Upper
 165 100
 63 0.0 41.0 61.6#
 89 1.5 64.6 96.8#
 182 0.0 2.0 3.0#

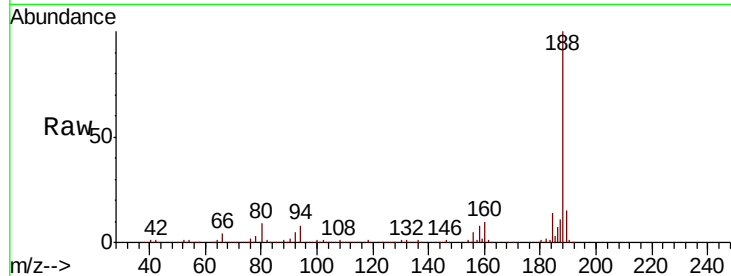




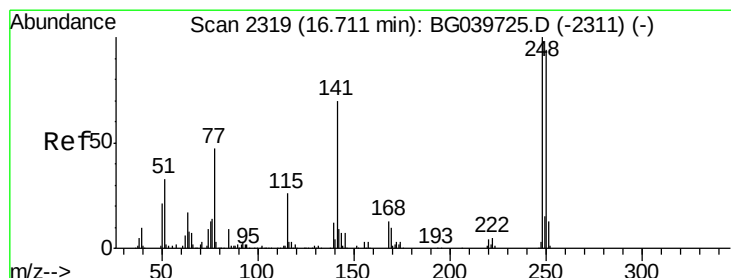
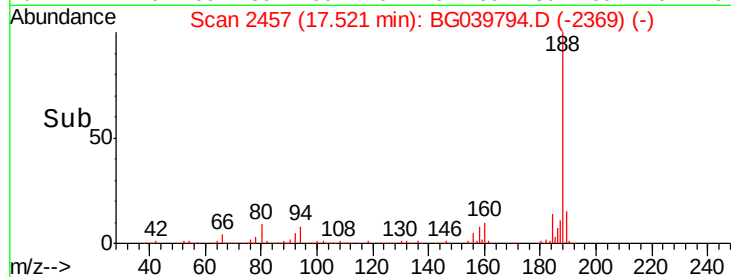
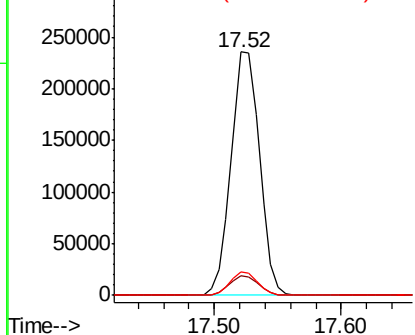
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.52 min Scan# 2457
 Delta R.T. -0.01 min
 Lab File: BG039794.D
 Acq: 6 Mar 2019 19:26

Instrument :
 BNA_G
 ClientSampleId :
 DR-FC

Tgt Ion:188 Resp: 365763
 Ion Ratio Lower Upper
 188 100
 94 8.2 6.9 10.3
 80 9.4 8.1 12.1

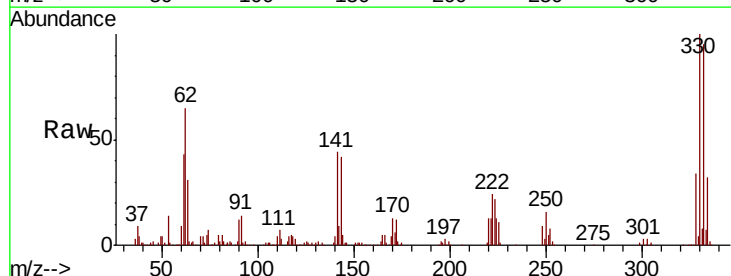


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BG
 Ion 80.00 (79.70 to 80.70): BG

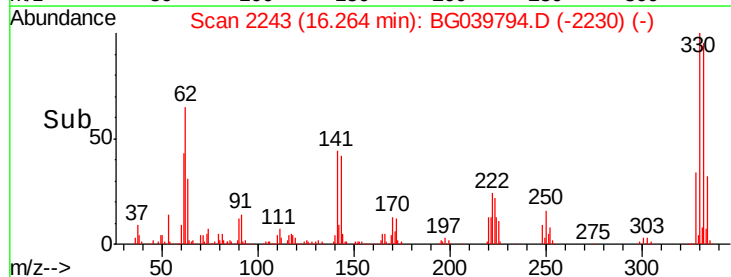
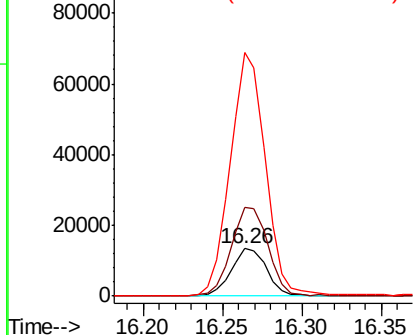


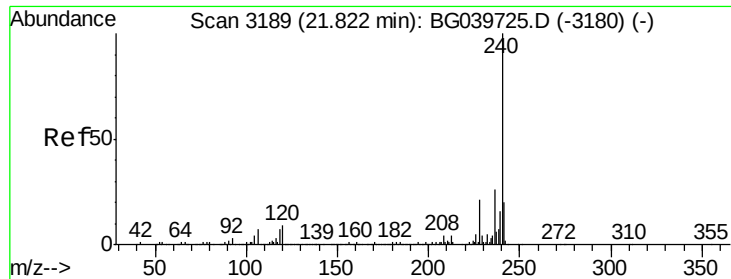
#67
 4-Bromophenyl-phenylether
 Concen: 5.066 ng
 RT: 16.26 min Scan# 2243
 Delta R.T. -0.45 min
 Lab File: BG039794.D
 Acq: 6 Mar 2019 19:26

Tgt Ion:248 Resp: 20741
 Ion Ratio Lower Upper
 248 100
 250 187.5 77.6 116.4#
 141 514.2 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

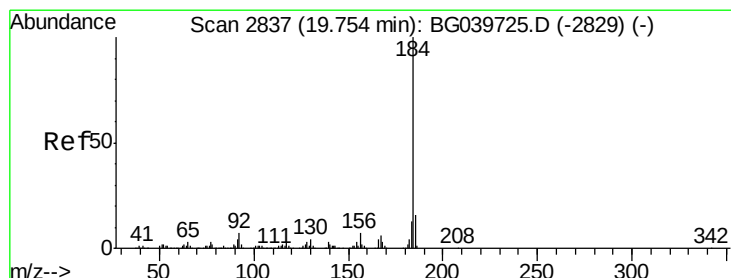
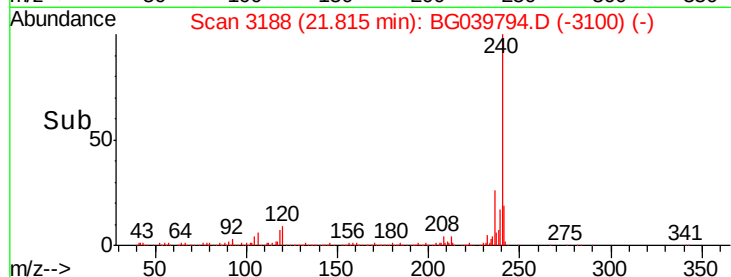
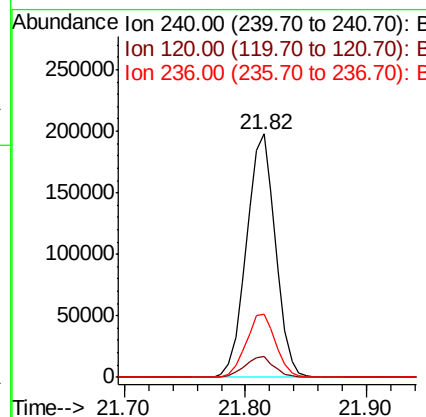
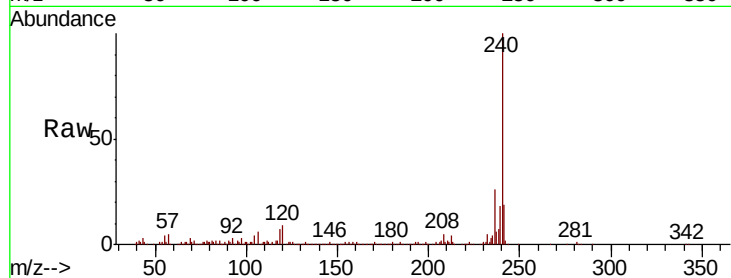




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.82 min Scan# 3188
Delta R.T. -0.01 min
Lab File: BG039794.D
Acq: 6 Mar 2019 19:26

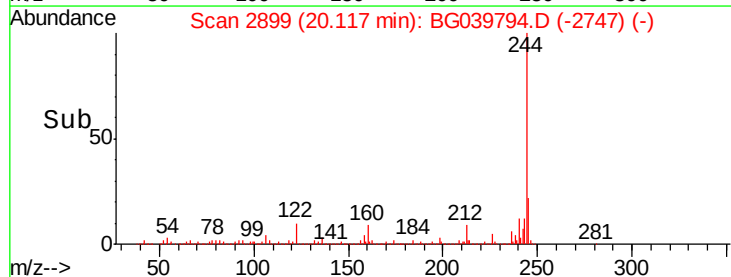
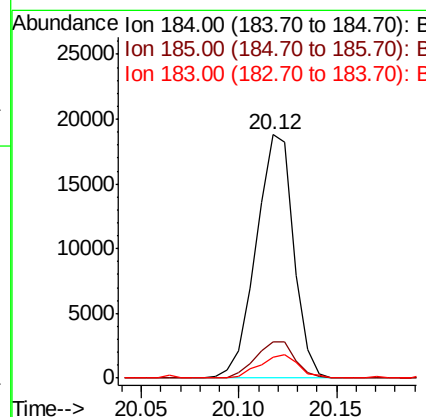
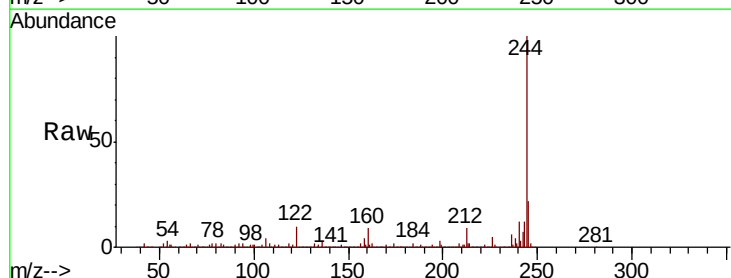
Instrument :
BNA_G
ClientSampled :
DR-FC

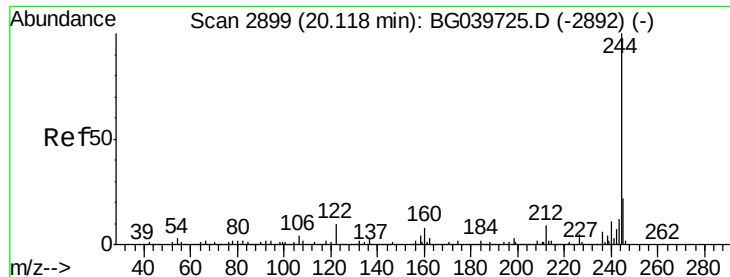
Tgt Ion:240 Resp: 331505
Ion Ratio Lower Upper
240 100
120 8.5 7.0 10.6
236 26.1 21.0 31.4



#77
Benzidine
Concen: 2.377 ng
RT: 20.12 min Scan# 2899
Delta R.T. 0.36 min
Lab File: BG039794.D
Acq: 6 Mar 2019 19:26

Tgt Ion:184 Resp: 25002
Ion Ratio Lower Upper
184 100
185 15.0 12.2 18.2
183 8.7 10.6 15.8#





#79

Terphenyl-d14

Concen: 88.501 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.01 min

Lab File: BG039794.D

Acq: 6 Mar 2019 19:26

Instrument :

BNA_G

ClientSampleId :

DR-FC

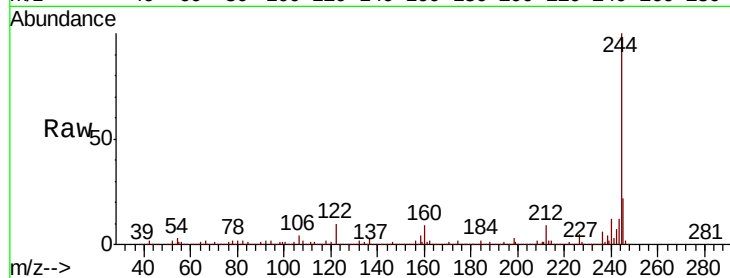
Tgt Ion:244 Resp: 1332479

Ion Ratio Lower Upper

244 100

212 9.1 7.3 10.9

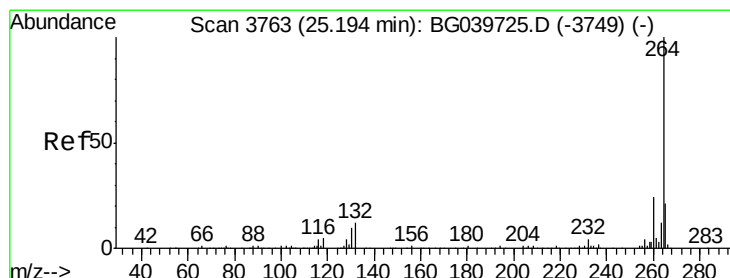
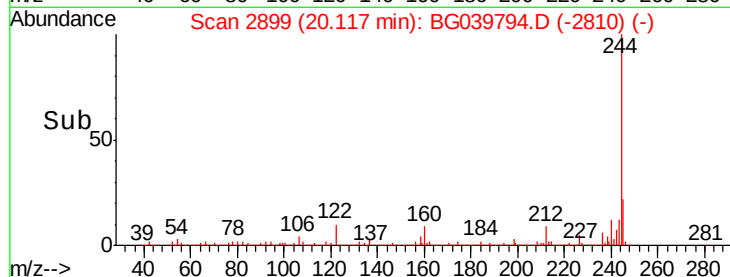
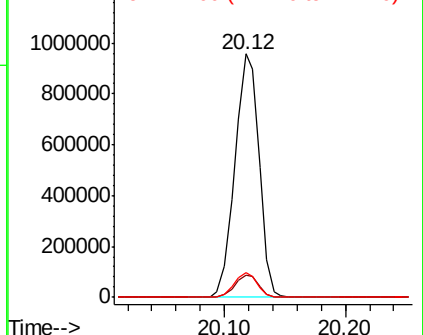
122 10.4 8.4 12.6



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: 25.19 min Scan# 3762

Delta R.T. -0.01 min

Lab File: BG039794.D

Acq: 6 Mar 2019 19:26

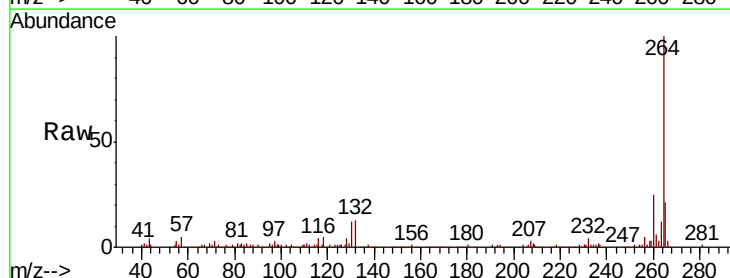
Tgt Ion:264 Resp: 341358

Ion Ratio Lower Upper

264 100

260 24.7 18.2 27.4

265 20.8 18.5 27.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

