

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031119\
 Data File : BG039851.D
 Acq On : 11 Mar 2019 21:07
 Operator : JU/SJ
 Sample : K1837-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MR-MH-09-COMP

Quant Time: Mar 12 03:38:29 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

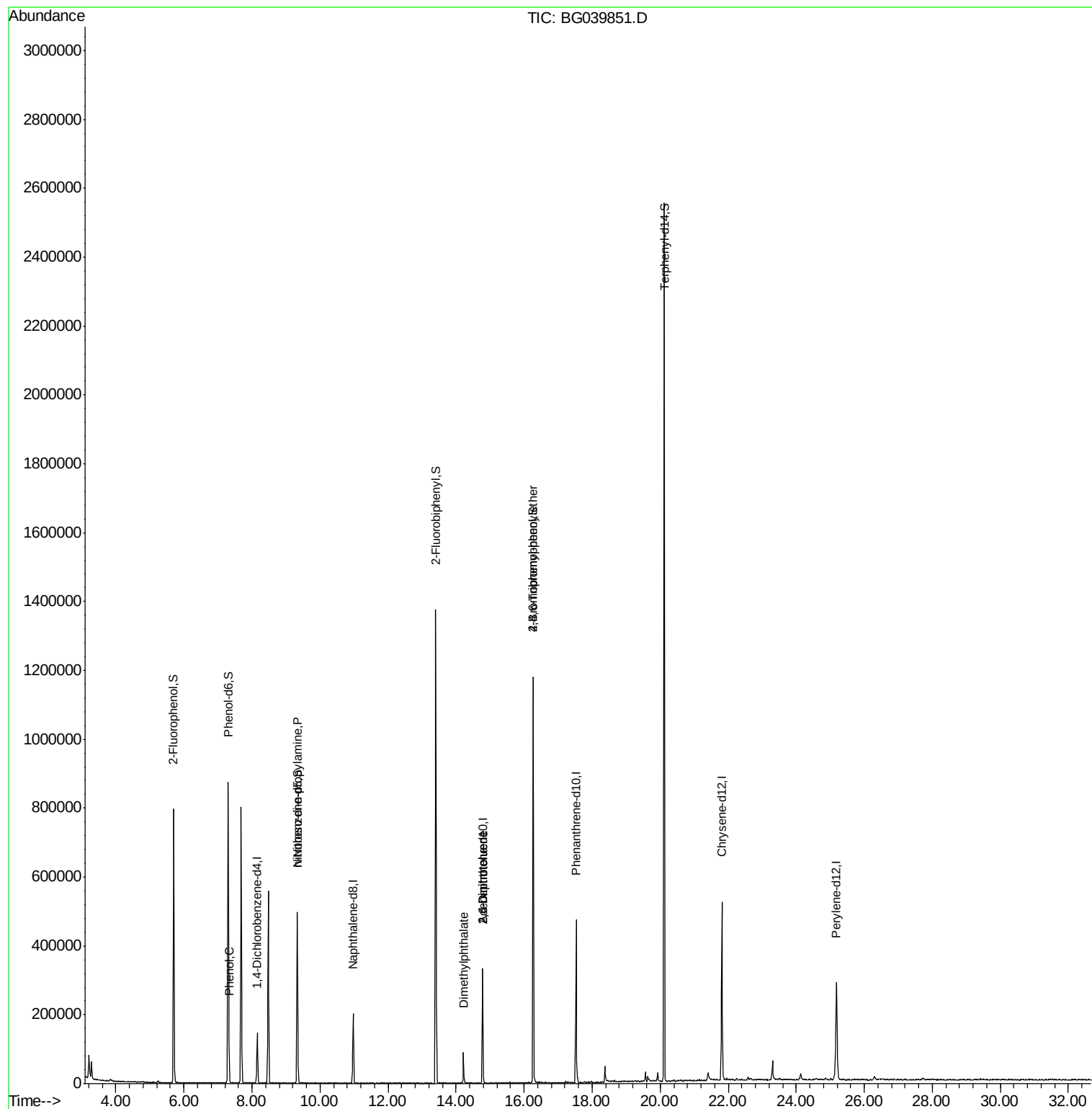
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	40687	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	170649	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	120441	20.00	ng	-0.01
64) Phenanthrene-d10	17.52	188	304797	20.00	ng	-0.01
76) Chrysene-d12	21.81	240	326351	20.00	ng	-0.02
87) Perylene-d12	25.18	264	325575	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	337942	141.70	ng	-0.01
7) Phenol-d6	7.30	99	495700	139.40	ng	-0.01
23) Nitrobenzene-d5	9.33	82	288294	91.37	ng	-0.01
42) 2,4,6-Tribromophenol	16.26	330	204234	145.48	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	706782	83.55	ng	-0.01
79) Terphenyl-d14	20.12	244	1171478	79.04	ng	0.00
Target Compounds						
10) Phenol	7.33	94	14004	3.635	ng	96
19) n-Nitroso-di-n-propylamine	9.33	70	37841	14.784	ng	# 70
50) Dimethylphthalate	14.22	163	58146	5.774	ng	98
51) 2,6-Dinitrotoluene	14.78	165	15473	7.247	ng	# 22
57) 2,4-Dinitrotoluene	14.78	165	15473	5.158	ng	# 17
67) 4-Bromophenyl-phenylether	16.26	248	16242	4.761	ng	# 1

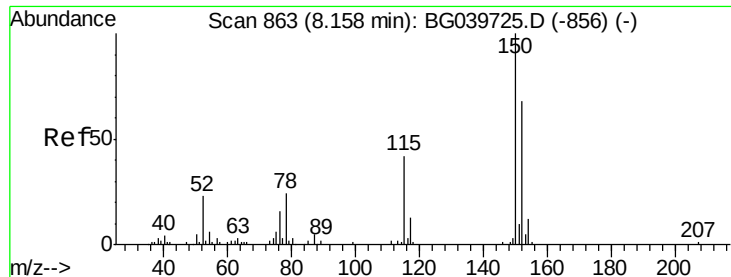
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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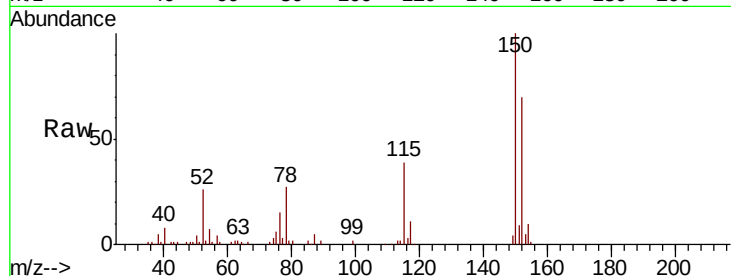


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BG039851.D
Acq: 11 Mar 2019 21:07

Instrument :
BNA_G
ClientSampleId :
MR-MH-09-COMP

Tgt Ion	Ratio	Lower	Upper
152	100		
150	143.1	123.7	185.5
115	55.8	45.9	68.9

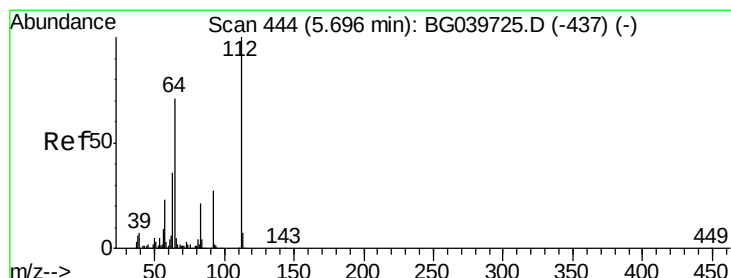
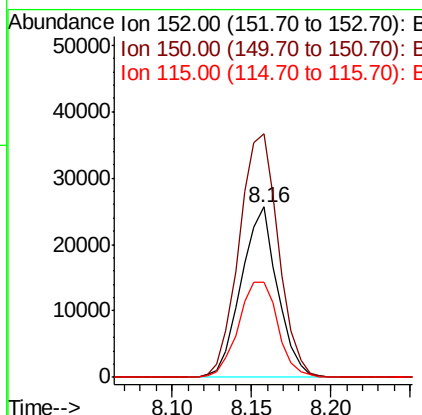
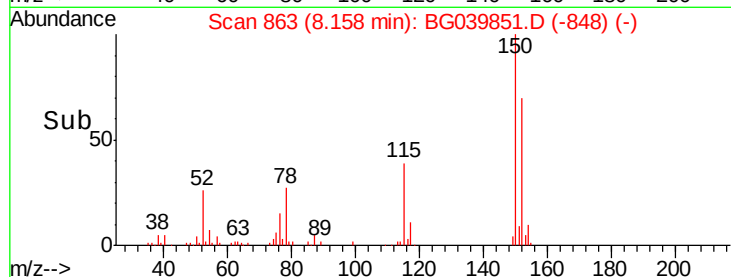


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

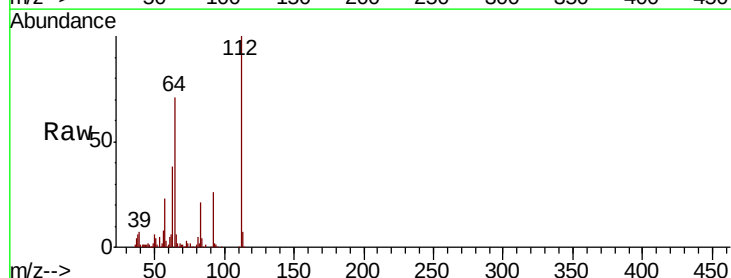
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 141.699 ng
RT: 5.70 min Scan# 444
Delta R.T. -0.01 min
Lab File: BG039851.D
Acq: 11 Mar 2019 21:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.7	57.8	86.8
63	37.7	29.8	44.6

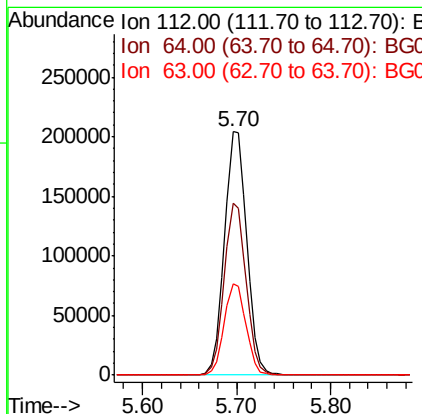
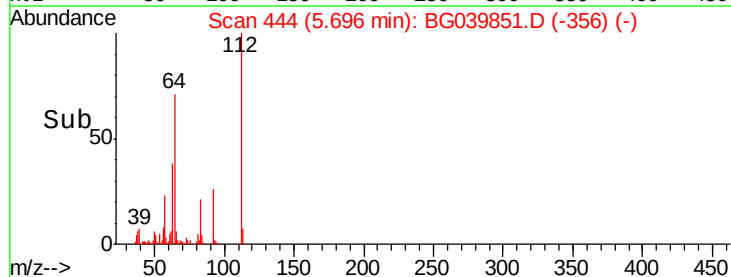


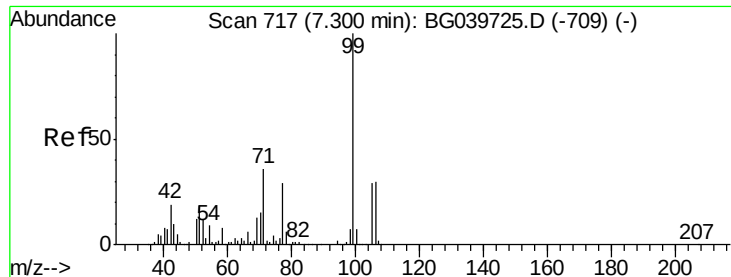
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 139.396 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039851.D

Acq: 11 Mar 2019 21:07

Instrument :

BNA_G

ClientSampleId :

MR-MH-09-COMP

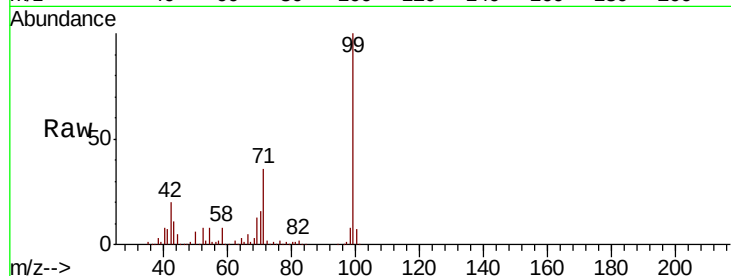
Tgt Ion: 99 Resp: 495700

Ion Ratio Lower Upper

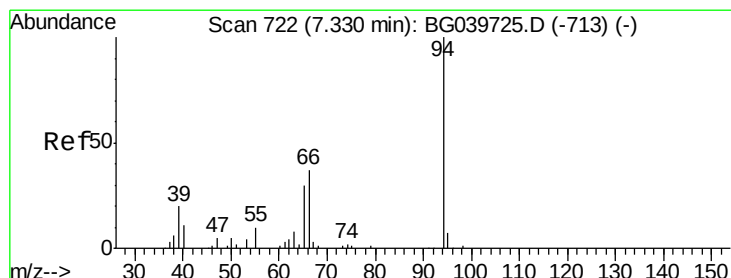
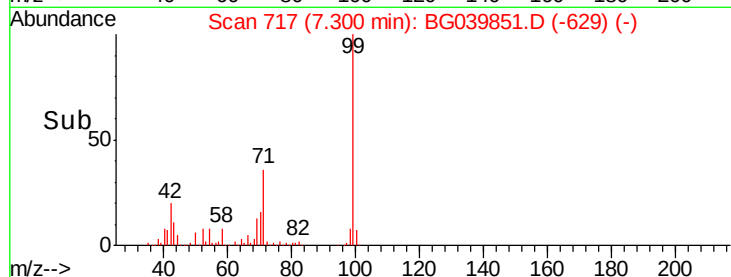
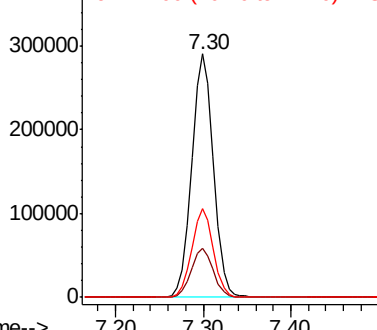
99 100

42 20.4 18.2 27.2

71 36.3 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: 3.635 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BG039851.D

Acq: 11 Mar 2019 21:07

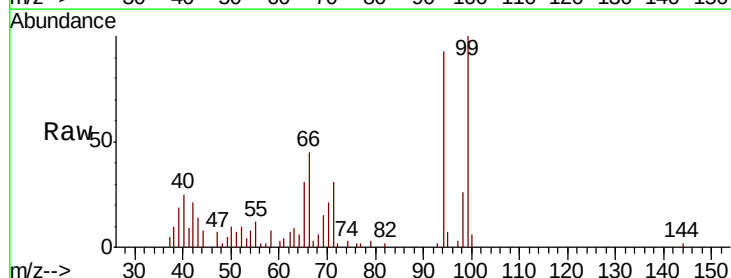
Tgt Ion: 94 Resp: 14004

Ion Ratio Lower Upper

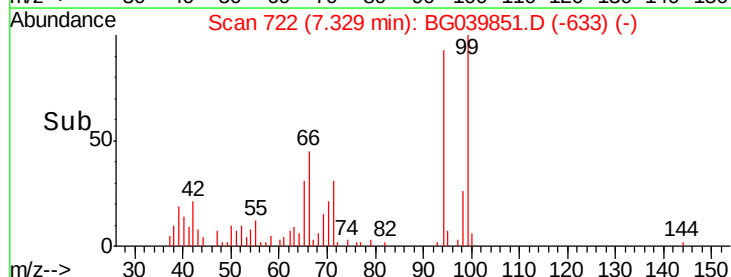
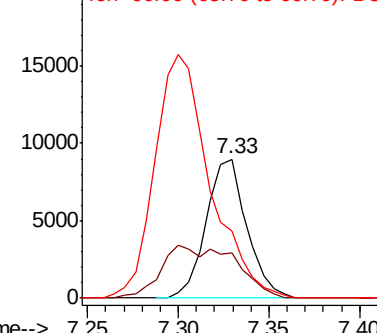
94 100

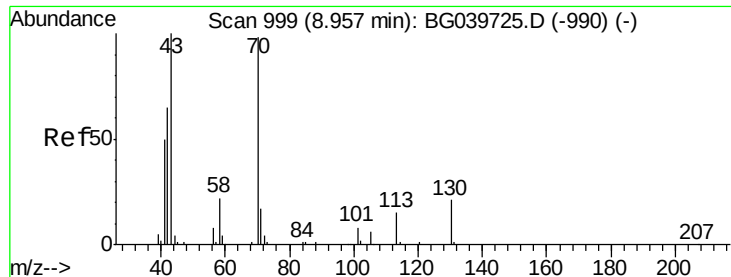
65 32.7 11.7 51.7

66 47.8 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

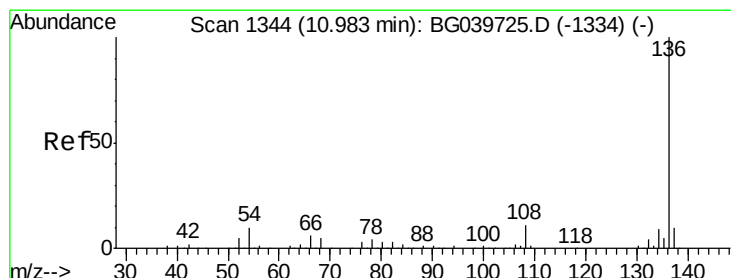
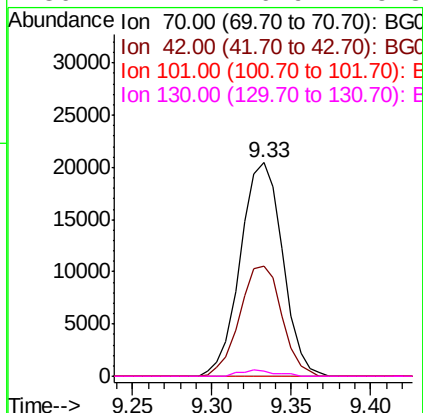
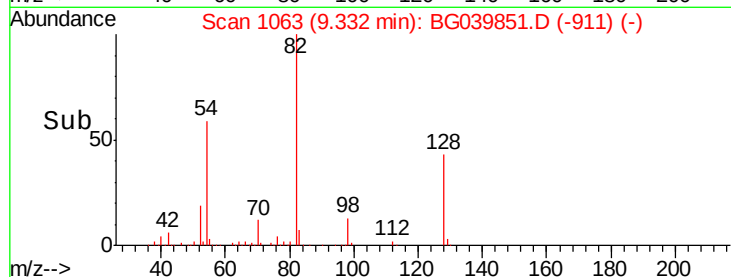
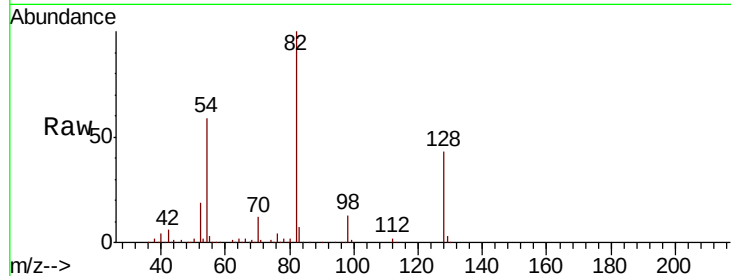




#19
n-Nitroso-di-n-propylamine
Concen: 14.784 ng
RT: 9.33 min Scan# 1063
Delta R.T. 0.36 min
Lab File: BG039851.D
Acq: 11 Mar 2019 21:07

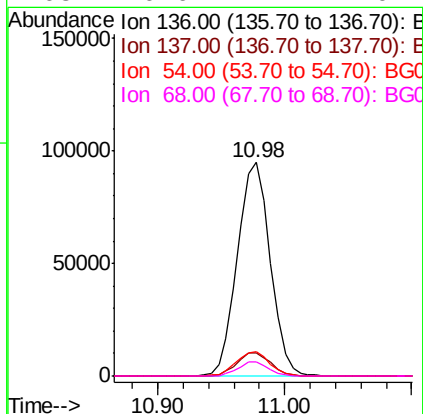
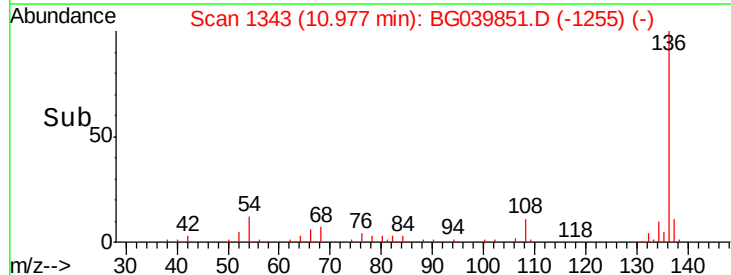
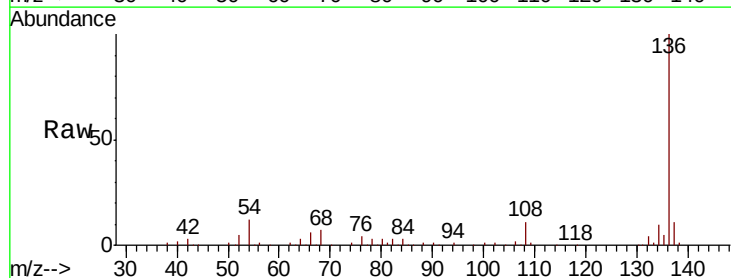
Instrument :
BNA_G
ClientSampleId :
MR-MH-09-COMP

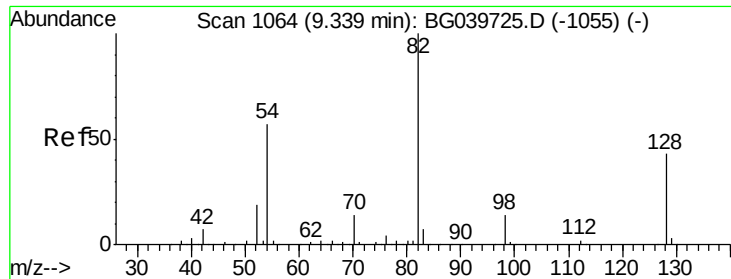
Tgt Ion: 70 Resp: 37841
Ion Ratio Lower Upper
70 100
42 51.4 60.4 90.6#
101 0.0 7.5 11.3#
130 2.2 16.9 25.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG039851.D
Acq: 11 Mar 2019 21:07

Tgt Ion: 136 Resp: 170649
Ion Ratio Lower Upper
136 100
137 10.6 9.1 13.7
54 11.7 9.4 14.2
68 6.6 4.2 6.4#

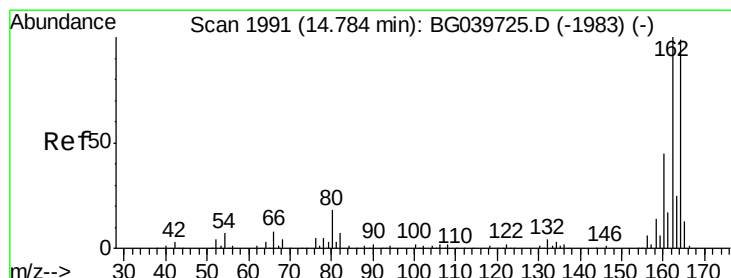
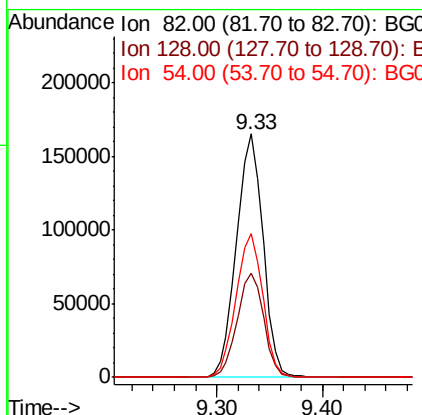
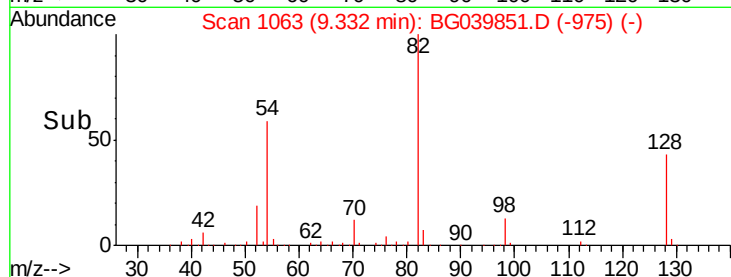
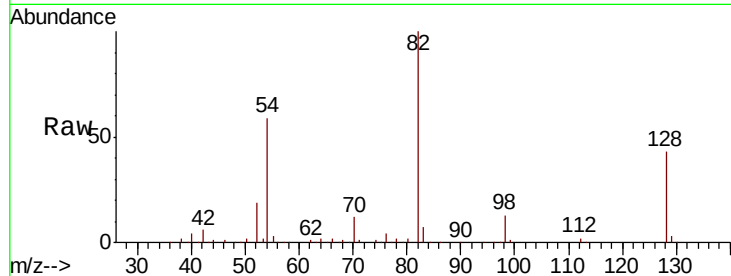




#23
Nitrobenzene-d5
Concen: 91.369 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG039851.D
Acq: 11 Mar 2019 21:07

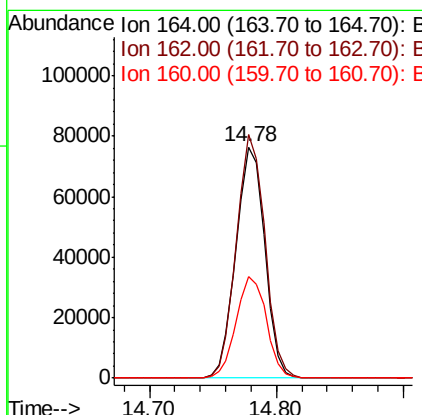
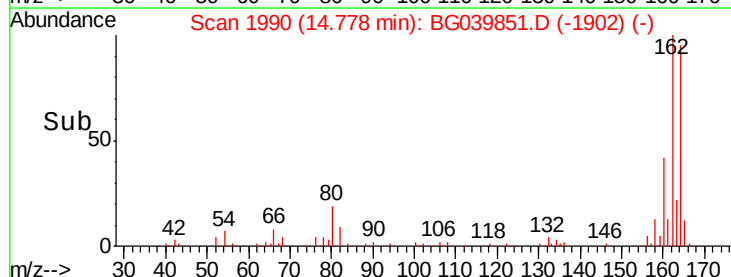
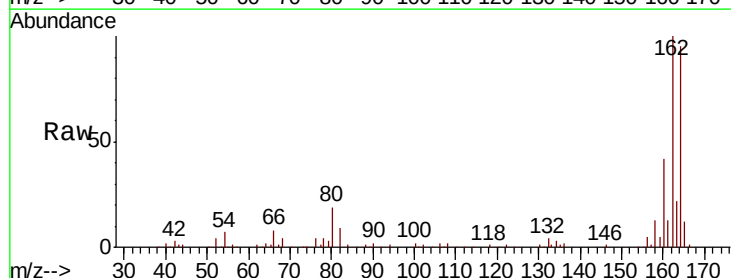
Instrument :
BNA_G
ClientSampleId :
MR-MH-09-COMP

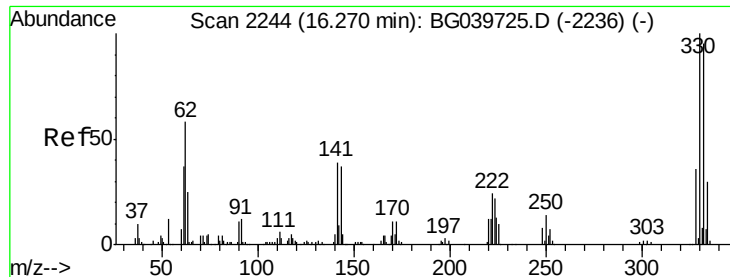
Tgt Ion: 82 Resp: 288294
Ion Ratio Lower Upper
82 100
128 42.6 31.3 46.9
54 58.8 50.9 76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BG039851.D
Acq: 11 Mar 2019 21:07

Tgt Ion: 164 Resp: 120441
Ion Ratio Lower Upper
164 100
162 105.3 81.6 122.4
160 43.8 34.2 51.2

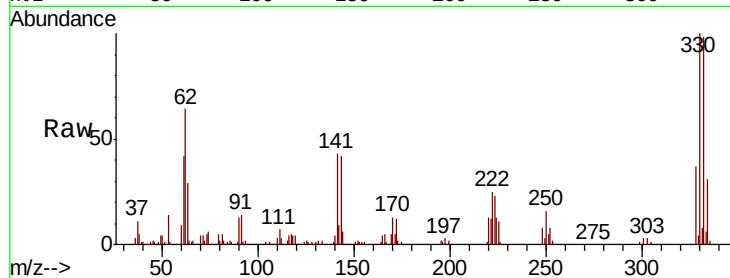




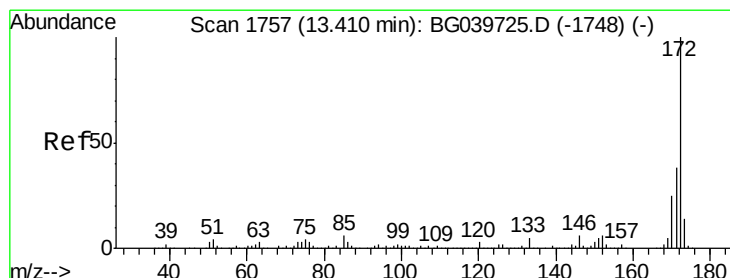
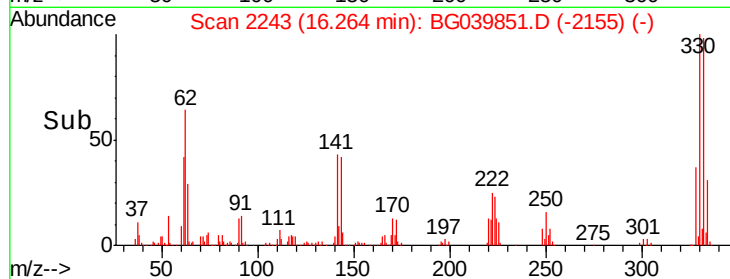
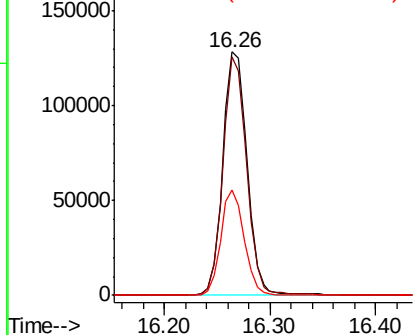
#42
 2,4,6-Tribromophenol
 Concen: 145.484 ng
 RT: 16.26 min Scan# 2243
 Delta R.T. -0.01 min
 Lab File: BG039851.D
 Acq: 11 Mar 2019 21:07

Instrument :
 BNA_G
 ClientSampleId :
 MR-MH-09-COMP

Tgt Ion:330 Resp: 204234
 Ion Ratio Lower Upper
 330 100
 332 95.1 75.7 113.5
 141 42.0 35.6 53.4

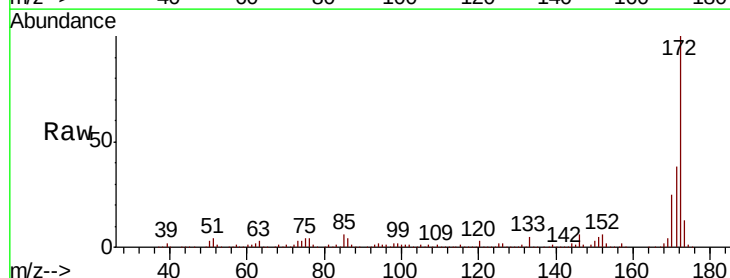


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

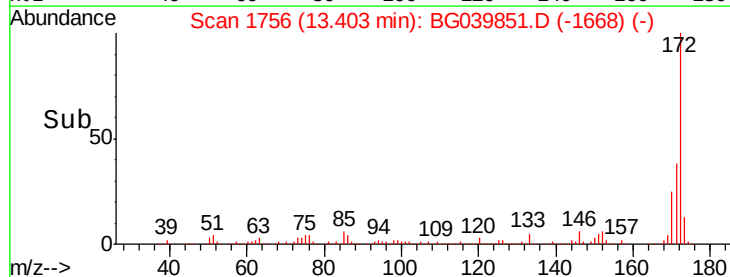
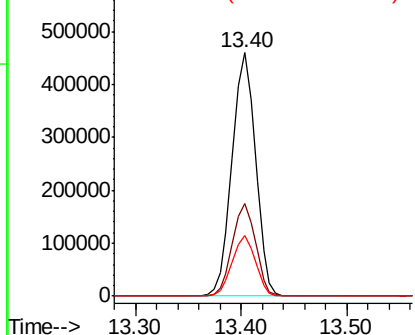


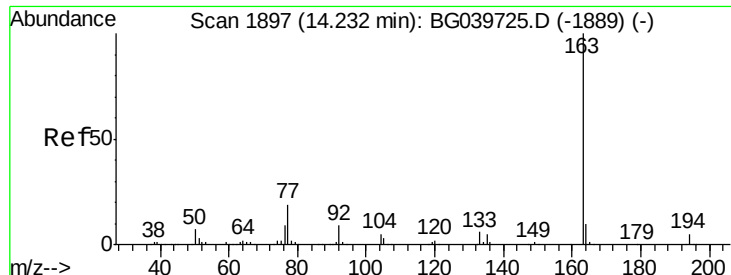
#45
 2-Fluorobiphenyl
 Concen: 83.554 ng
 RT: 13.40 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BG039851.D
 Acq: 11 Mar 2019 21:07

Tgt Ion:172 Resp: 706782
 Ion Ratio Lower Upper
 172 100
 171 37.8 30.8 46.2
 170 24.9 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: 5.774 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.02 min

Lab File: BG039851.D

Acq: 11 Mar 2019 21:07

Instrument :

BNA_G

ClientSampleId :

MR-MH-09-COMP

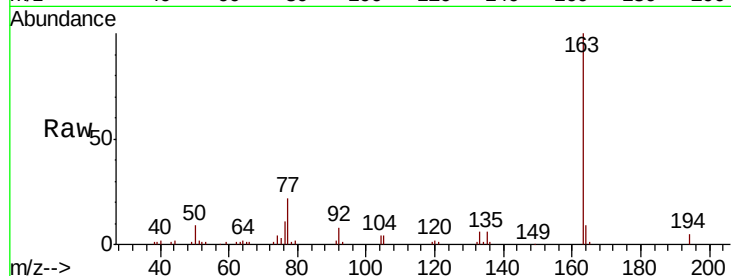
Tgt Ion:163 Resp: 58146

Ion Ratio Lower Upper

163 100

194 4.8 3.6 5.4

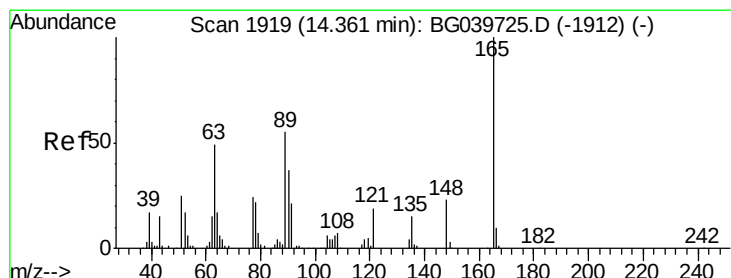
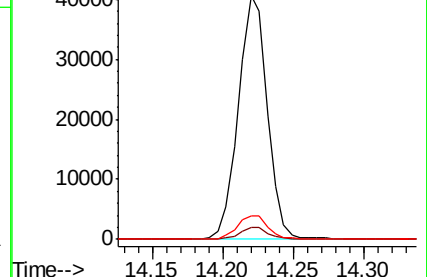
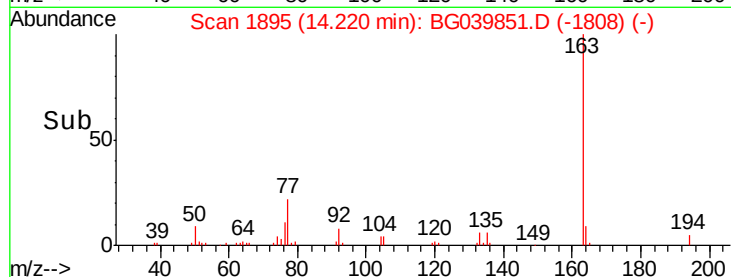
164 9.4 8.4 12.6



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



#51

2,6-Dinitrotoluene

Concen: 7.247 ng

RT: 14.78 min Scan# 1991

Delta R.T. 0.42 min

Lab File: BG039851.D

Acq: 11 Mar 2019 21:07

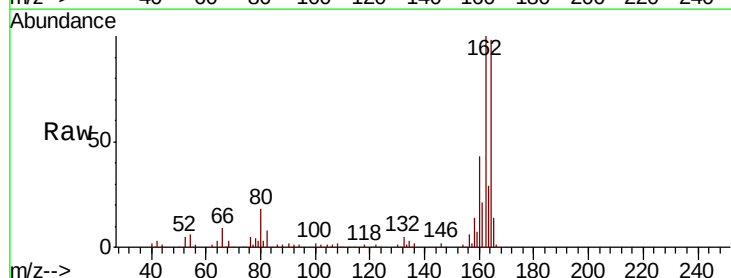
Tgt Ion:165 Resp: 15473

Ion Ratio Lower Upper

165 100

63 0.0 47.0 70.6#

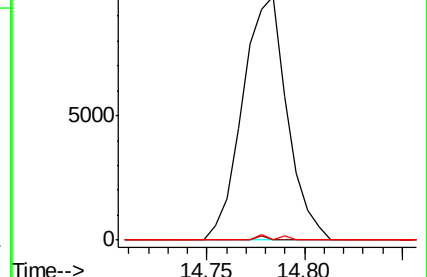
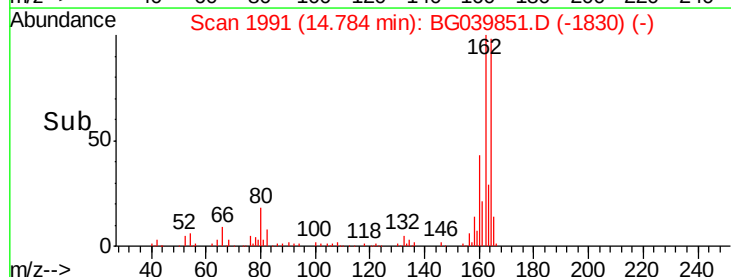
89 0.0 45.8 68.8#

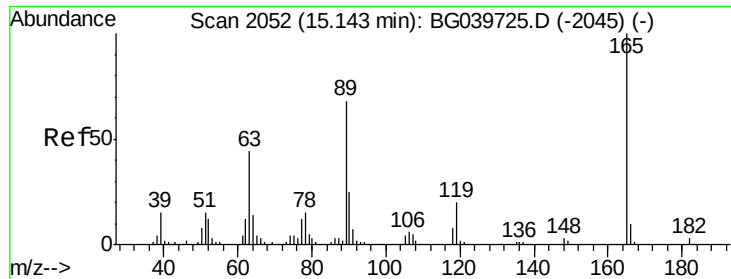


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

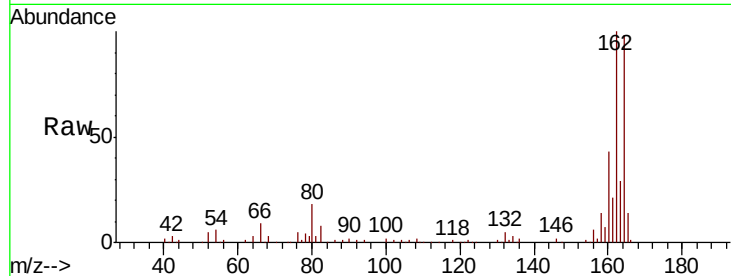




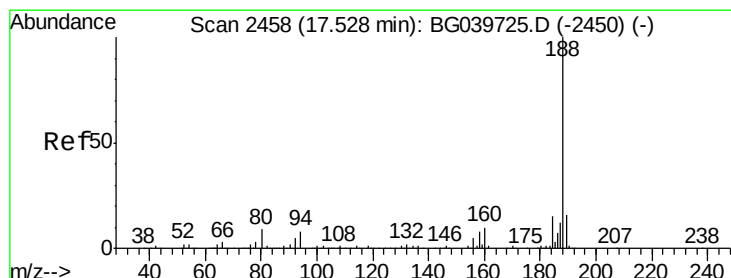
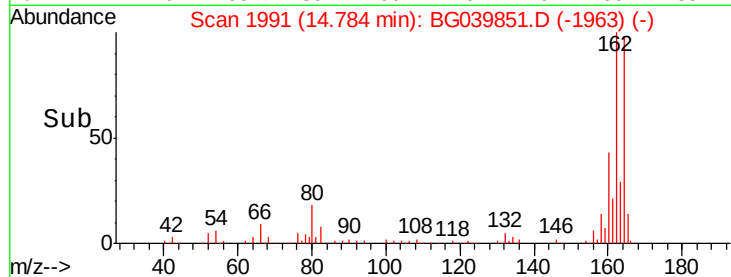
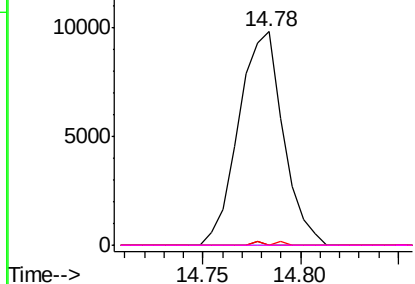
#57
 2,4-Dinitrotoluene
 Concen: 5.158 ng
 RT: 14.78 min Scan# 1991
 Delta R.T. -0.37 min
 Lab File: BG039851.D
 Acq: 11 Mar 2019 21:07

Instrument :
 BNA_G
 ClientSampleId :
 MR-MH-09-COMP

Tgt Ion:	165	Resp:	15473
Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.0	61.6#
89	0.0	64.6	96.8#
182	0.0	2.0	3.0#

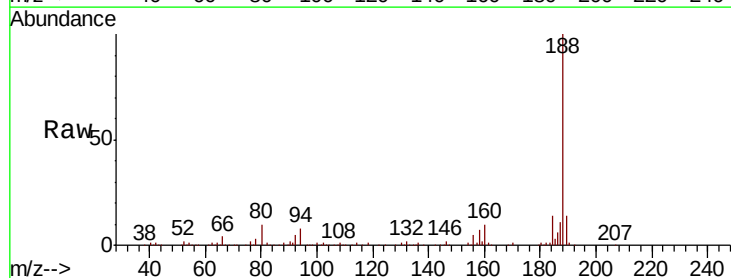


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

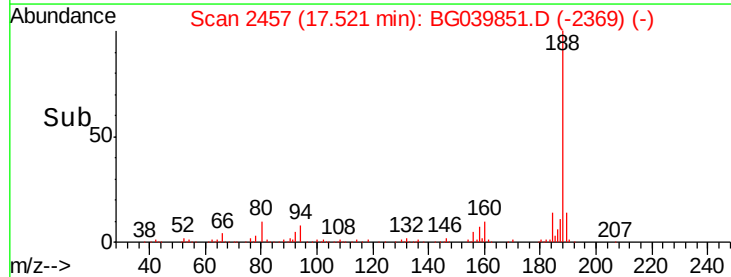
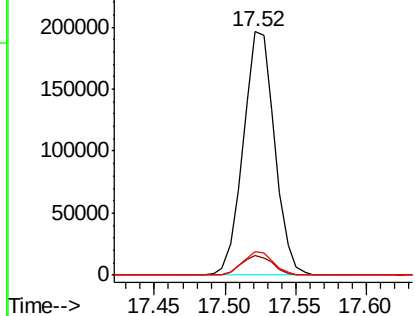


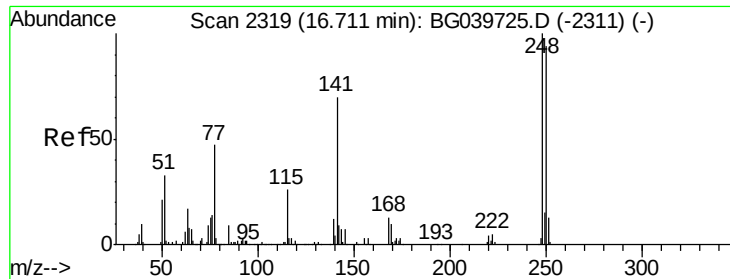
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.52 min Scan# 2457
 Delta R.T. -0.01 min
 Lab File: BG039851.D
 Acq: 11 Mar 2019 21:07

Tgt Ion:	188	Resp:	304797
Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.9	10.3
80	9.7	8.1	12.1



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

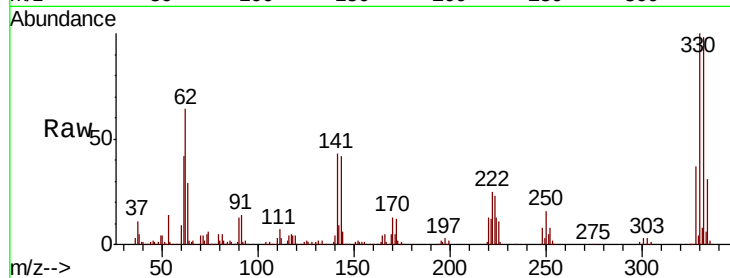




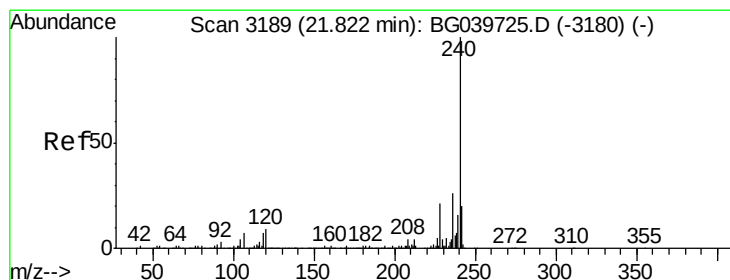
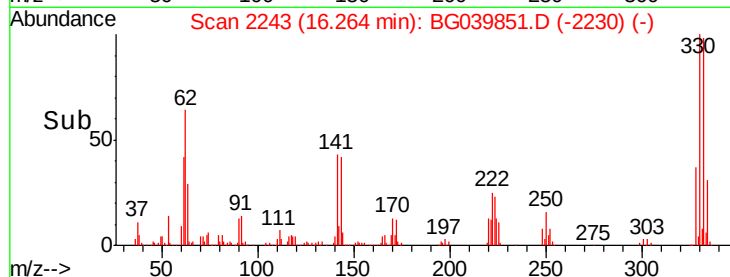
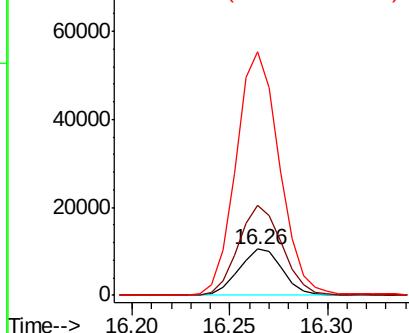
#67
 4-Bromophenyl-phenylether
 Concen: 4.761 ng
 RT: 16.26 min Scan# 2243
 Delta R.T. -0.45 min
 Lab File: BG039851.D
 Acq: 11 Mar 2019 21:07

Instrument :
 BNA_G
 ClientSampleId :
 MR-MH-09-COMP

Tgt Ion:248 Resp: 16242
 Ion Ratio Lower Upper
 248 100
 250 194.1 77.6 116.4#
 141 524.6 63.9 95.9#

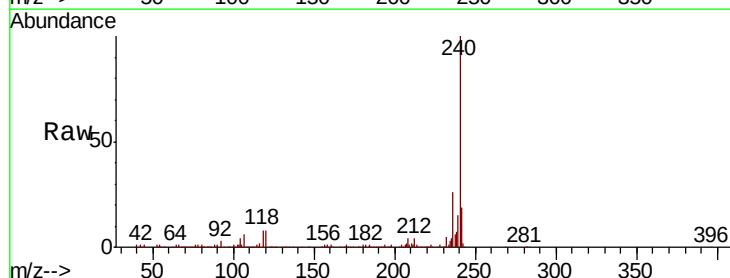


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

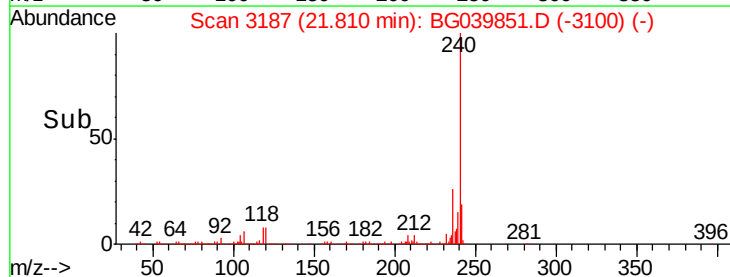
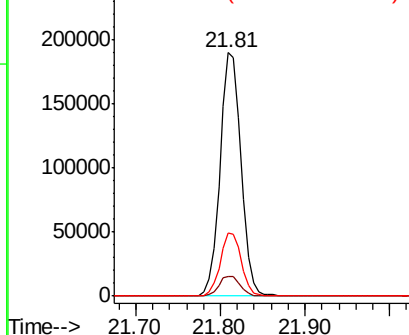


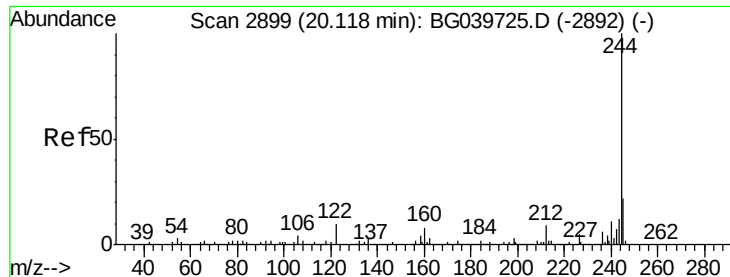
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.81 min Scan# 3187
 Delta R.T. -0.02 min
 Lab File: BG039851.D
 Acq: 11 Mar 2019 21:07

Tgt Ion:240 Resp: 326351
 Ion Ratio Lower Upper
 240 100
 120 8.1 7.0 10.6
 236 25.8 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: 79.037 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.01 min

Lab File: BG039851.D

Acq: 11 Mar 2019 21:07

Instrument :

BNA_G

ClientSampleId :

MR-MH-09-COMP

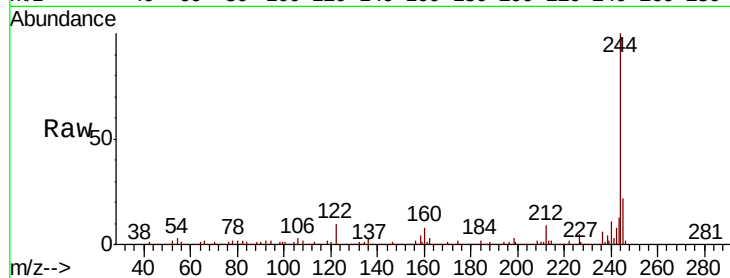
Tgt Ion:244 Resp: 1171478

Ion Ratio Lower Upper

244 100

212 9.1 7.3 10.9

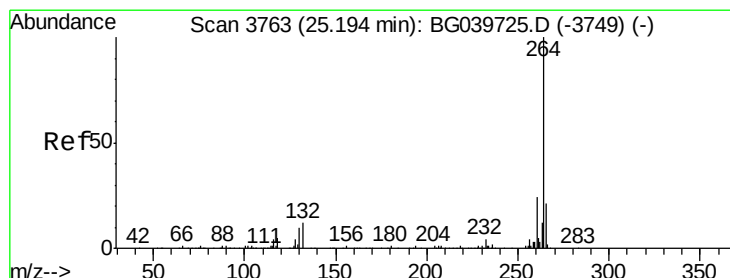
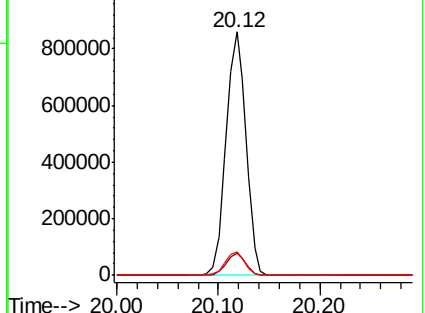
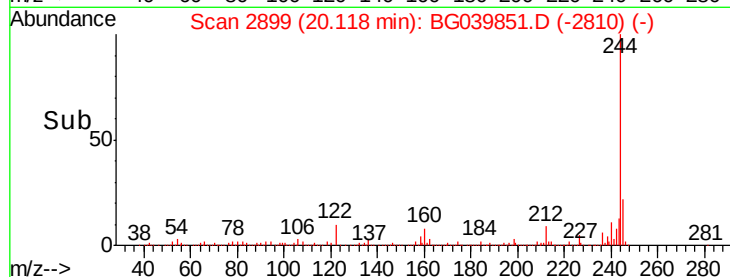
122 9.6 8.4 12.6



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: BG039851.D

Acq: 11 Mar 2019 21:07

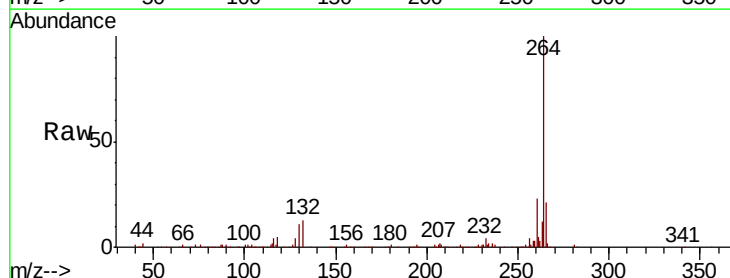
Tgt Ion:264 Resp: 325575

Ion Ratio Lower Upper

264 100

260 22.6 18.2 27.4

265 21.4 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

