

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041919\
 Data File : BG040560.D
 Acq On : 19 Apr 2019 13:58
 Operator : JU/SJ
 Sample : PB119004BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB119004BL

Quant Time: Apr 19 23:08:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 13 00:33:11 2019
 Response via : Initial Calibration

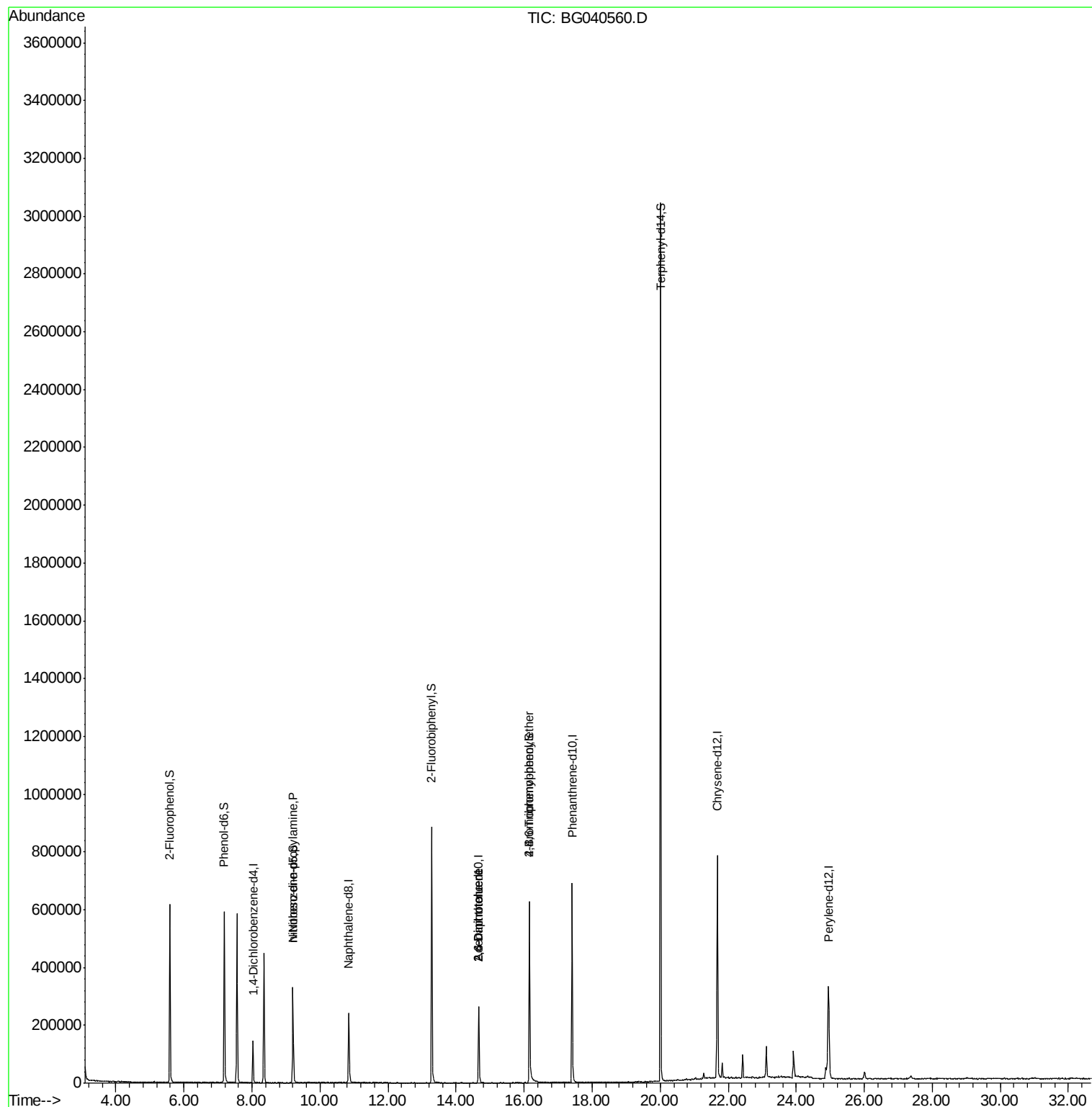
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	41250	20.00	ng	-0.02
21) Naphthalene-d8	10.84	136	229302	20.00	ng	-0.02
39) Acenaphthene-d10	14.66	164	104492	20.00	ng	-0.02
64) Phenanthrene-d10	17.41	188	436883	20.00	ng	0.00
76) Chrysene-d12	21.68	240	462473	20.00	ng	-0.02
87) Perylene-d12	24.94	264	366057	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	263238	106.09	ng	-0.02
7) Phenol-d6	7.18	99	365169	106.49	ng	-0.02
23) Nitrobenzene-d5	9.20	82	207982	48.21	ng	-0.02
42) 2,4,6-Tribromophenol	16.15	330	125844	111.44	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	490868	69.61	ng	-0.02
79) Terphenyl-d14	20.01	244	1474158	71.71	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	25881	10.526	ng	# 83
51) 2,6-Dinitrotoluene	14.66	165	13198	7.187	ng	# 25
57) 2,4-Dinitrotoluene	14.66	165	13198	5.173	ng	# 25
67) 4-Bromophenyl-phenylether	16.15	248	9904	2.014	ng	# 1

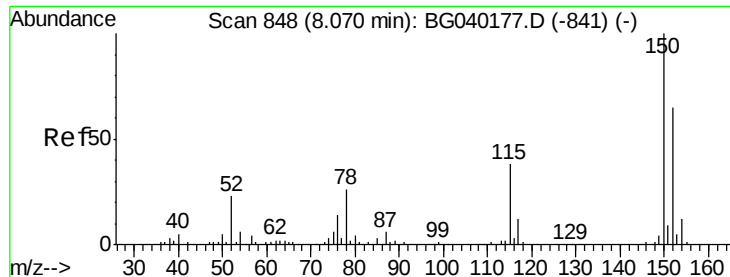
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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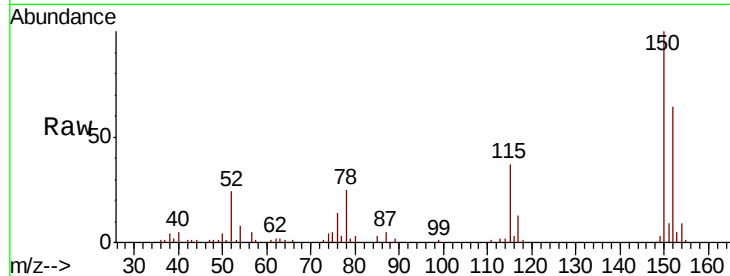


#1

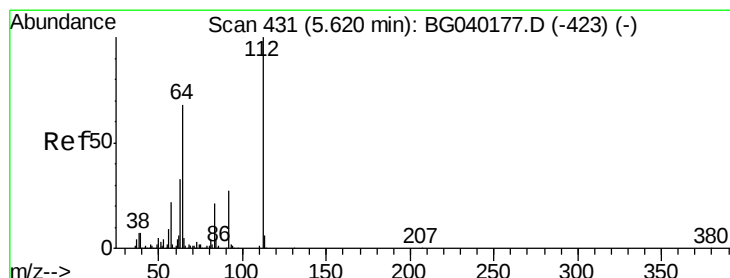
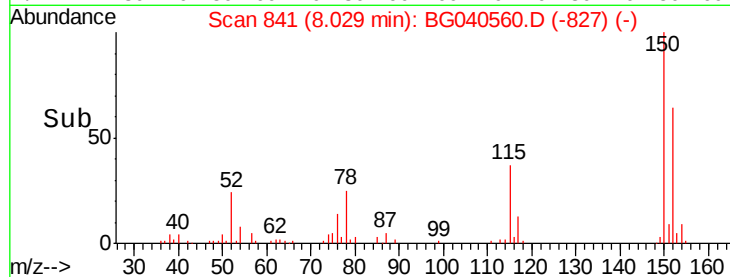
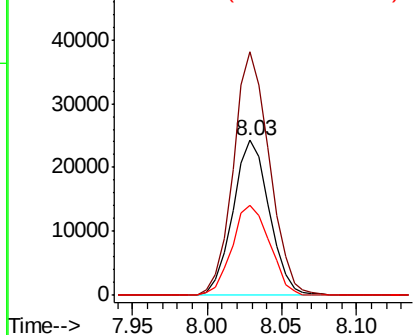
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.02 min
Lab File: BG040560.D
Acq: 19 Apr 2019 13:58

Instrument :
BNA_G
ClientSampleId :
PB119004BL

Tgt Ion:152 Resp: 41250
Ion Ratio Lower Upper
152 100
150 156.9 123.7 185.5
115 58.0 46.9 70.3



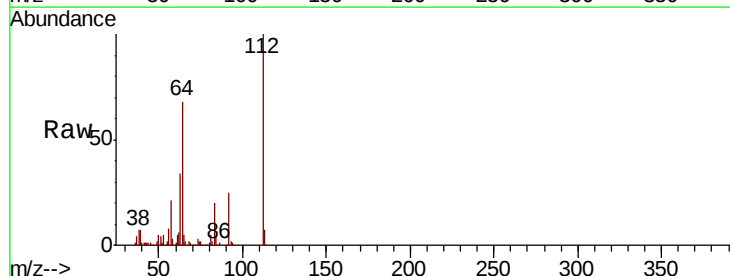
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



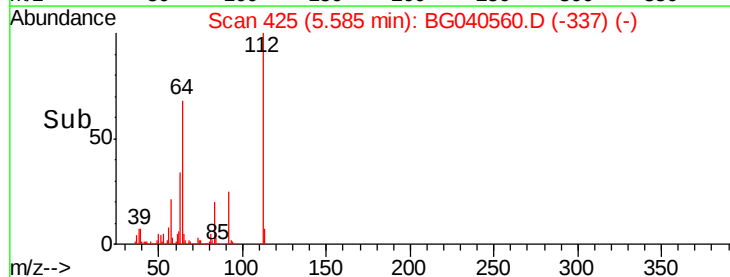
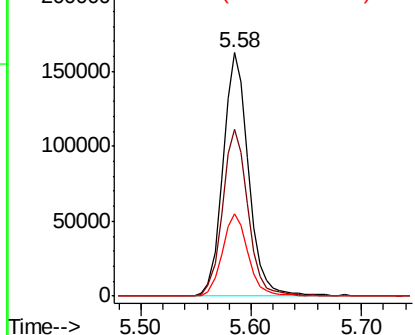
#5

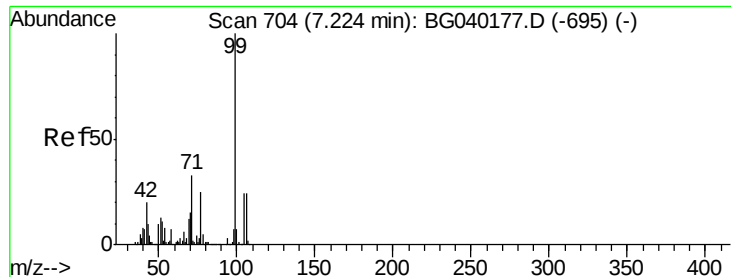
2-Fluorophenol
Concen: 106.087 ng
RT: 5.58 min Scan# 425
Delta R.T. -0.02 min
Lab File: BG040560.D
Acq: 19 Apr 2019 13:58

Tgt Ion:112 Resp: 263238
Ion Ratio Lower Upper
112 100
64 68.5 54.2 81.2
63 33.7 26.4 39.6



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: 106.487 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.02 min

Lab File: BG040560.D

Acq: 19 Apr 2019 13:58

Instrument :

BNA_G

ClientSampleId :

PB119004BL

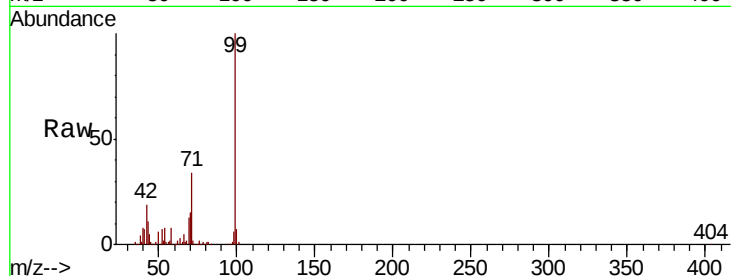
Tgt Ion: 99 Resp: 365169

Ion Ratio Lower Upper

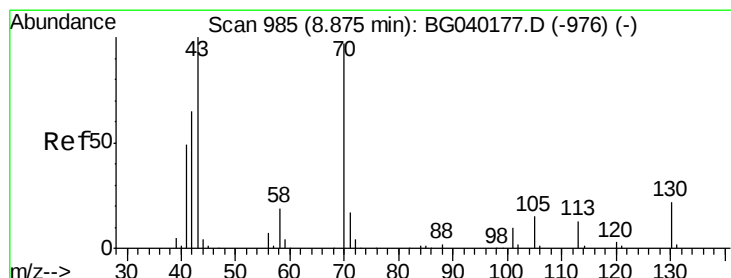
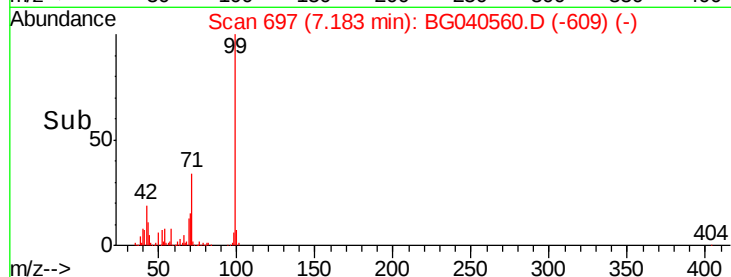
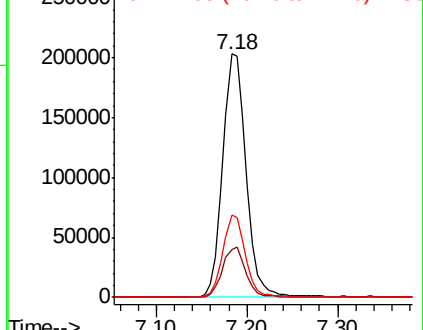
99 100

42 19.5 16.2 24.2

71 34.1 26.8 40.2



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



#19

n-Nitroso-di-n-propylamine

Concen: 10.526 ng

RT: 9.20 min Scan# 1041

Delta R.T. 0.36 min

Lab File: BG040560.D

Acq: 19 Apr 2019 13:58

Tgt Ion: 70 Resp: 25881

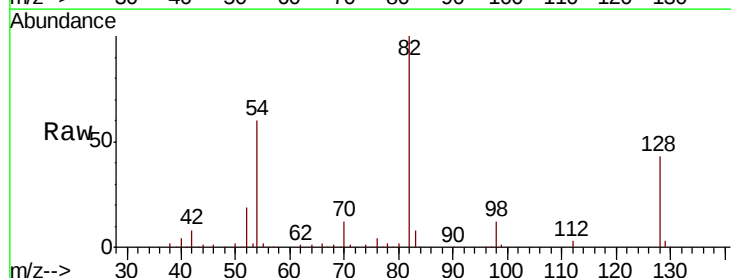
Ion Ratio Lower Upper

70 100

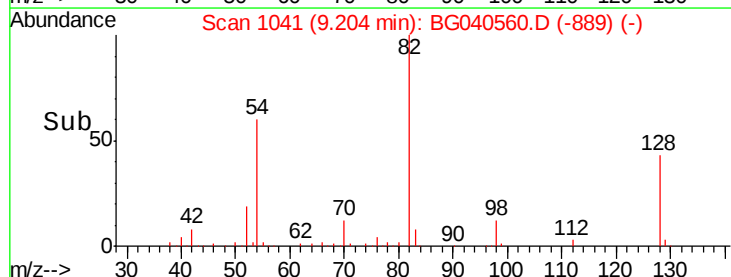
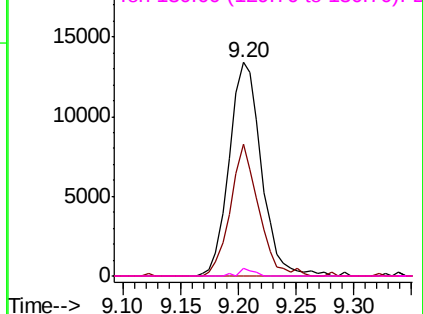
42 61.8 54.0 81.0

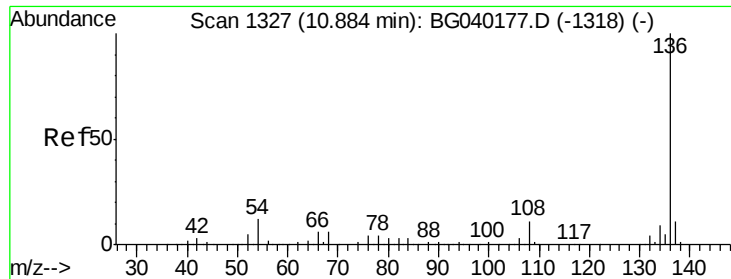
101 0.0 8.6 13.0#

130 3.6 18.2 27.2#



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

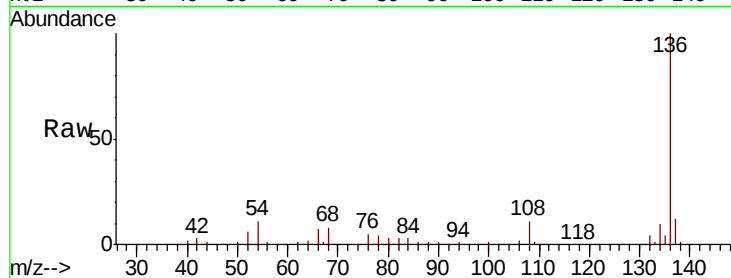




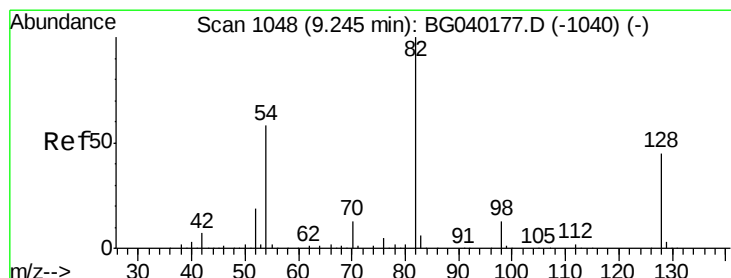
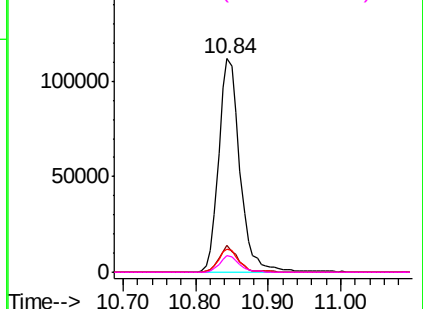
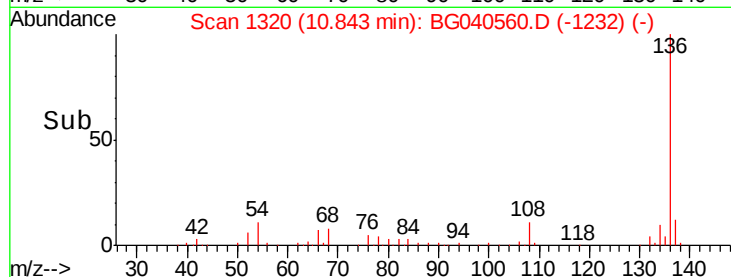
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BG040560.D
Acq: 19 Apr 2019 13:58

Instrument :
BNA_G
ClientSampleId :
PB119004BL

Tgt Ion: 136 Resp: 229302
Ion Ratio Lower Upper
136 100
137 12.4 8.9 13.3
54 11.0 9.6 14.4
68 8.0 5.1 7.7#

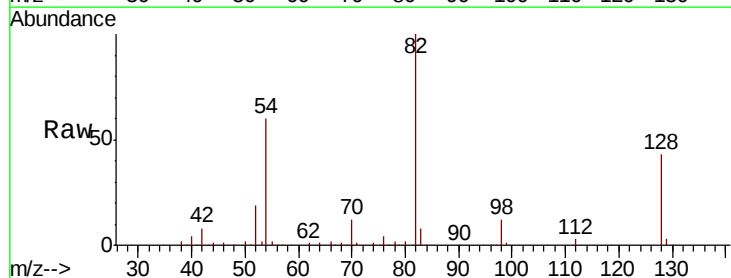


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

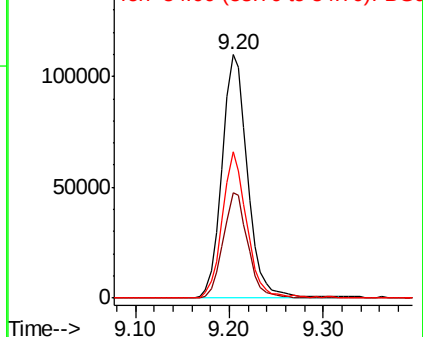
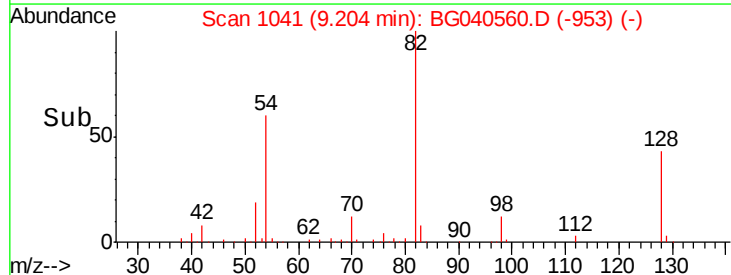


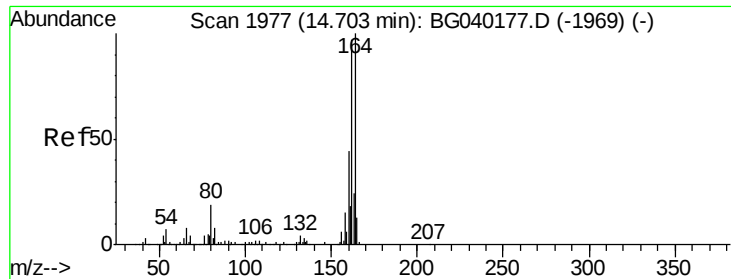
#23
Nitrobenzene-d5
Concen: 48.211 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.02 min
Lab File: BG040560.D
Acq: 19 Apr 2019 13:58

Tgt Ion: 82 Resp: 207982
Ion Ratio Lower Upper
82 100
128 43.2 35.8 53.8
54 60.0 46.2 69.2



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1970

Delta R.T. -0.02 min

Lab File: BG040560.D

Acq: 19 Apr 2019 13:58

Instrument :

BNA_G

ClientSampleId :

PB119004BL

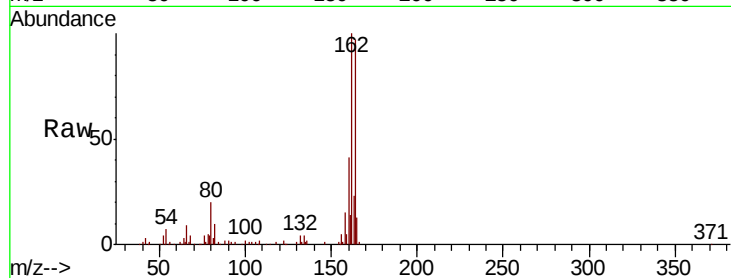
Tgt Ion:164 Resp: 104492

Ion Ratio Lower Upper

164 100

162 103.1 77.4 116.2

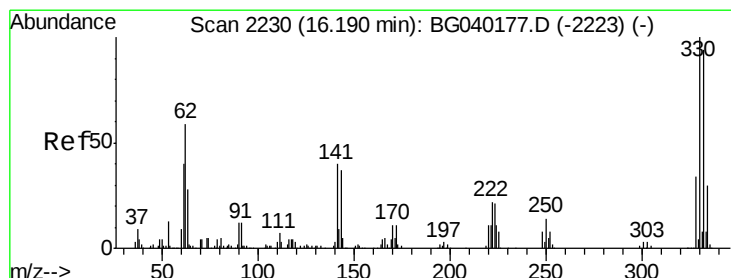
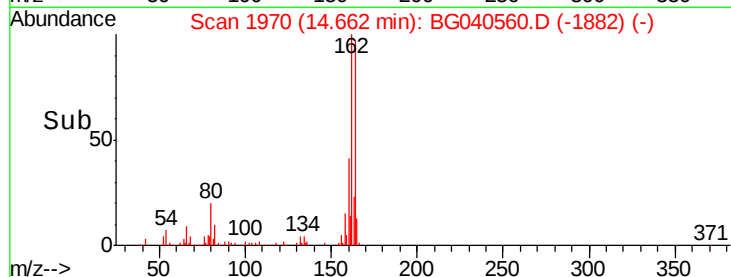
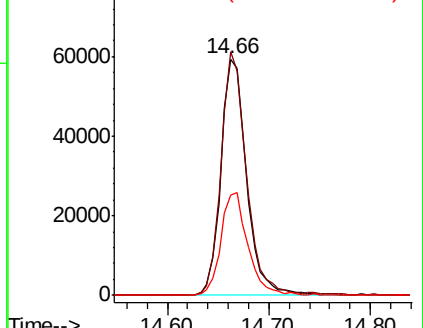
160 42.5 35.3 52.9



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: 111.437 ng

RT: 16.15 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG040560.D

Acq: 19 Apr 2019 13:58

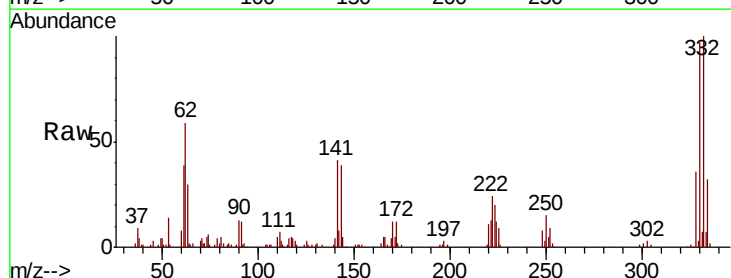
Tgt Ion:330 Resp: 125844

Ion Ratio Lower Upper

330 100

332 100.4 76.6 115.0

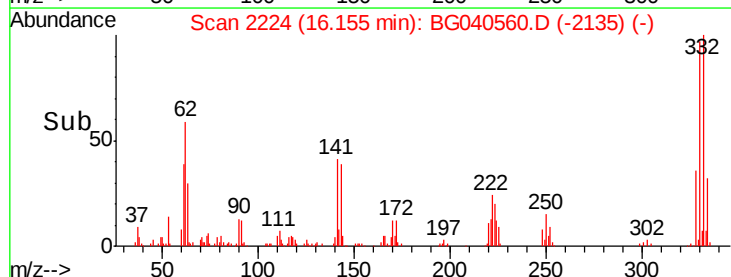
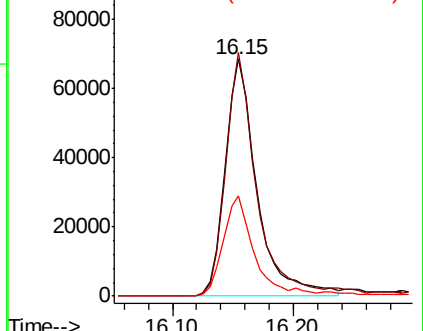
141 40.6 32.6 48.8

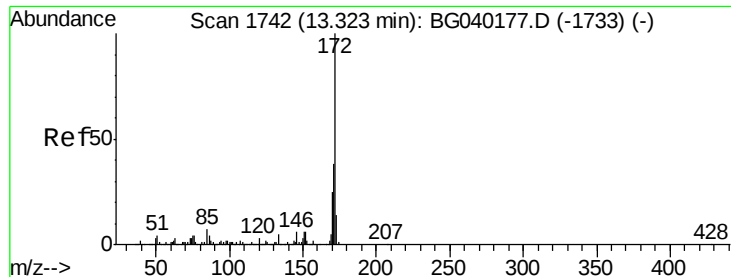


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

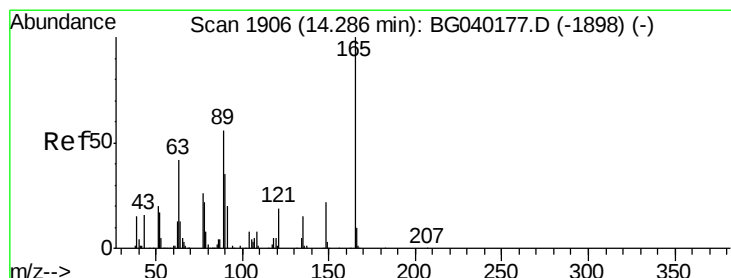
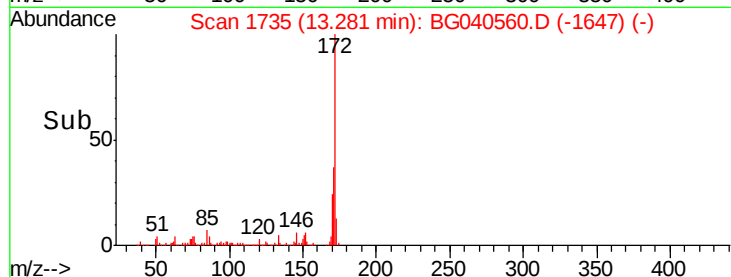
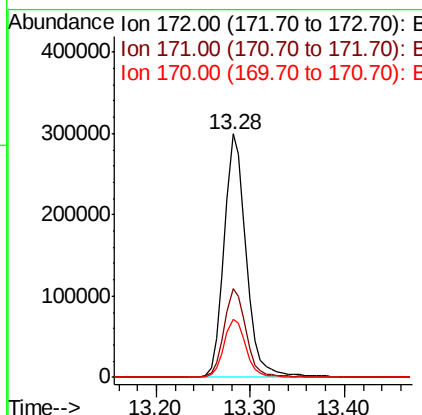
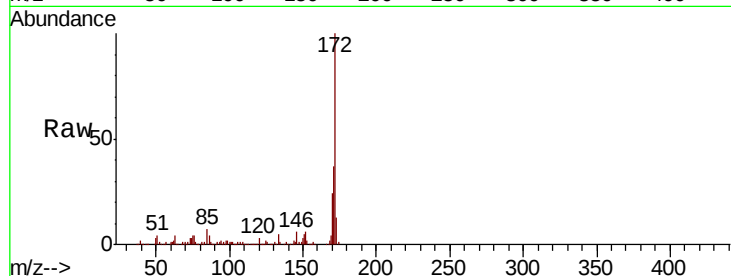




#45
 2-Fluorobiphenyl
 Concen: 69.608 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.02 min
 Lab File: BG040560.D
 Acq: 19 Apr 2019 13:58

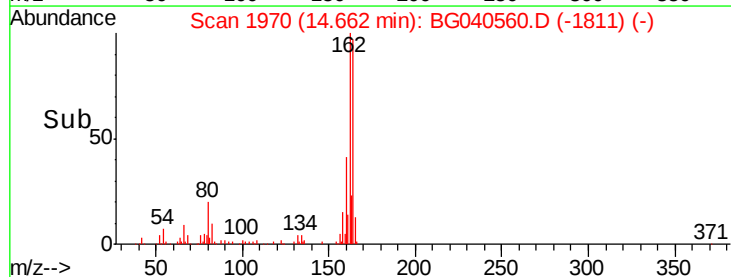
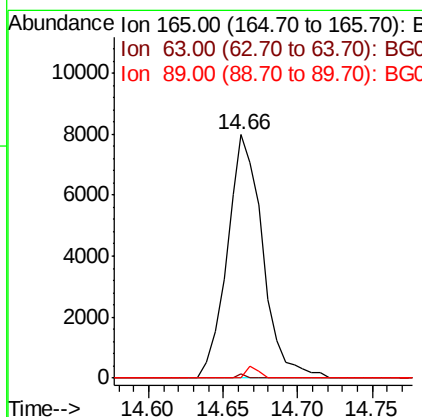
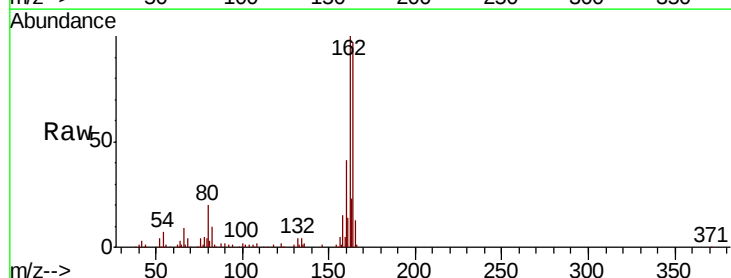
Instrument :
 BNA_G
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 PB119004BL

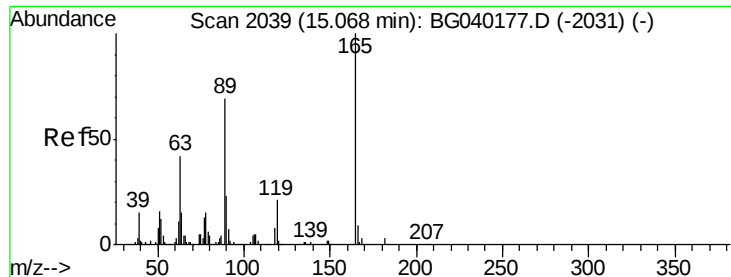
Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.5	45.7
170	23.9	20.1	30.1



#51
 2,6-Dinitrotoluene
 Concen: 7.187 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. 0.40 min
 Lab File: BG040560.D
 Acq: 19 Apr 2019 13:58

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	44.1	66.1#
89	0.0	44.9	67.3#





#57

2,4-Dinitrotoluene

Concen: 5.173 ng

RT: 14.66 min Scan# 1970

Delta R.T. -0.38 min

Lab File: BG040560.D

Acq: 19 Apr 2019 13:58

Instrument :

BNA_G

ClientSampleId :

PB119004BL

Tgt Ion:165 Resp: 13198

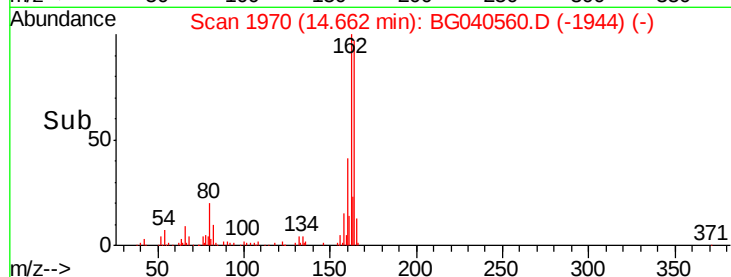
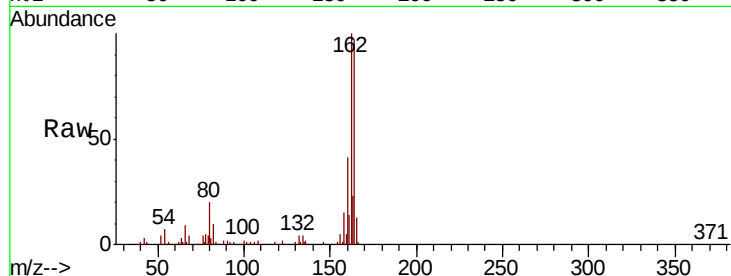
Ion Ratio Lower Upper

165 100

63 1.9 33.8 50.6#

89 0.0 55.4 83.2#

182 0.0 2.2 3.4#

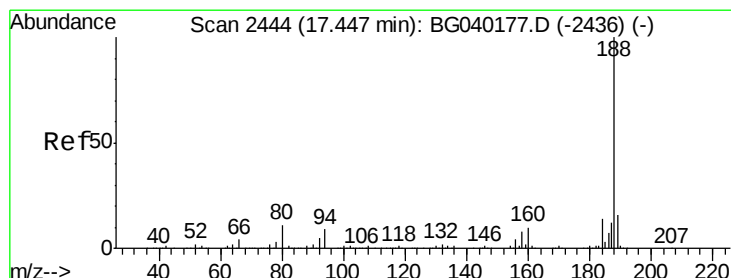
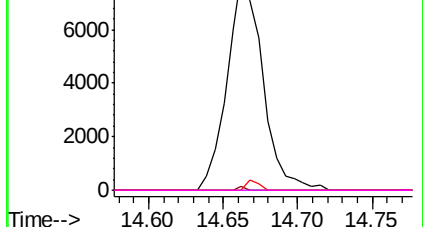


Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.41 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG040560.D

Acq: 19 Apr 2019 13:58

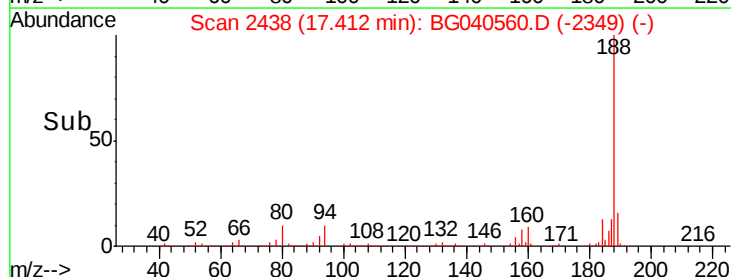
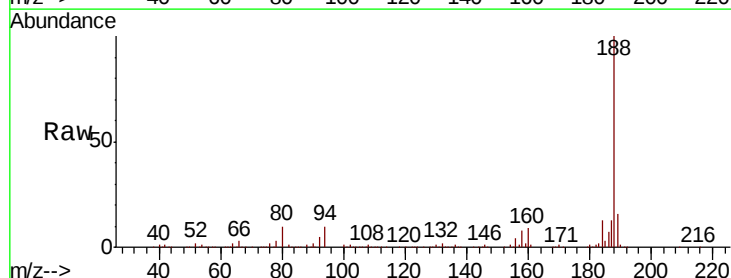
Tgt Ion:188 Resp: 436883

Ion Ratio Lower Upper

188 100

94 9.6 7.0 10.4

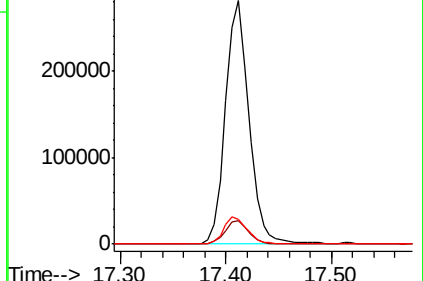
80 10.3 8.6 13.0

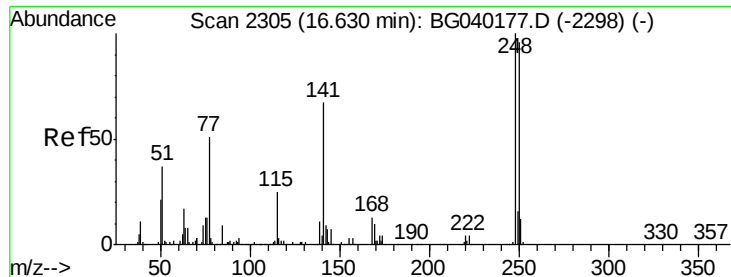


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

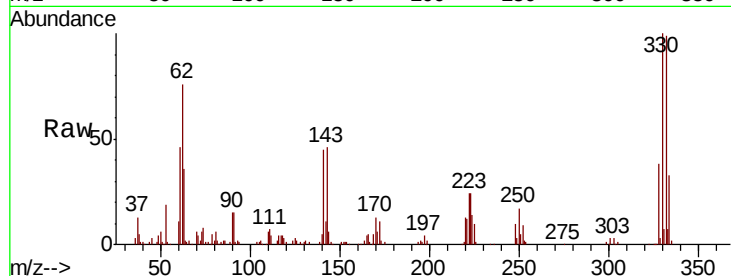




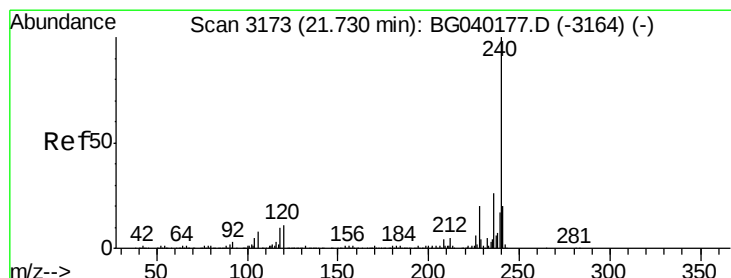
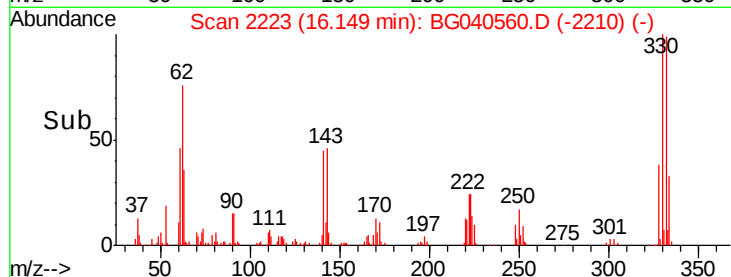
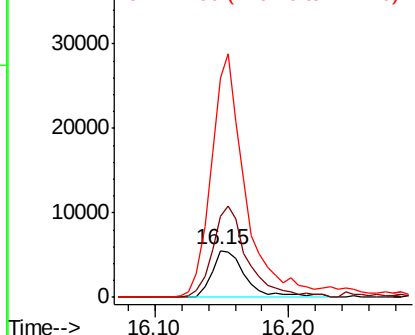
#67
 4-Bromophenyl-phenylether
 Concen: 2.014 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.46 min
 Lab File: BG040560.D
 Acq: 19 Apr 2019 13:58

Instrument :
 BNA_G
 ClientSampleId :
 PB119004BL

Tgt Ion:248 Resp: 9904
 Ion Ratio Lower Upper
 248 100
 250 135.2 76.4 114.6#
 141 368.1 53.8 80.8#

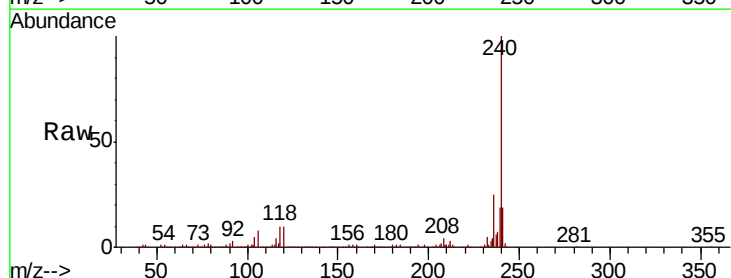


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

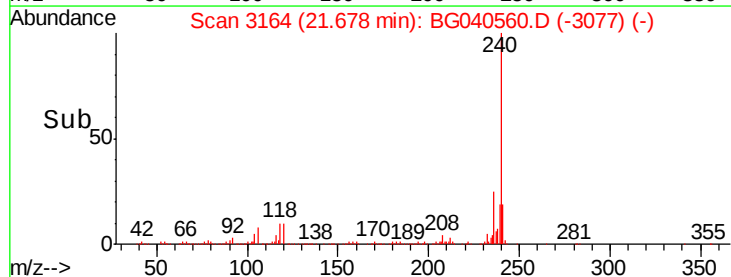
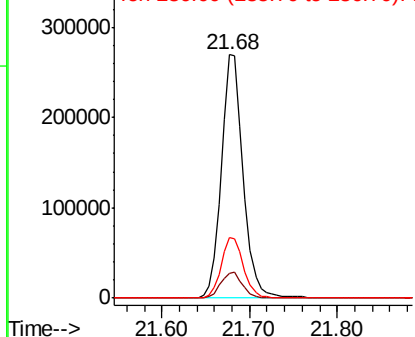


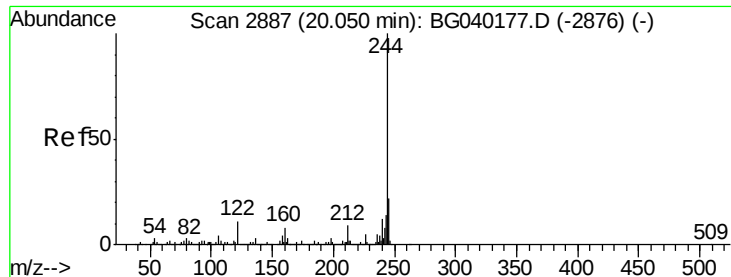
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3164
 Delta R.T. -0.02 min
 Lab File: BG040560.D
 Acq: 19 Apr 2019 13:58

Tgt Ion:240 Resp: 462473
 Ion Ratio Lower Upper
 240 100
 120 10.2 8.4 12.6
 236 25.0 20.8 31.2



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: 71.709 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.02 min

Lab File: BG040560.D

Acq: 19 Apr 2019 13:58

Instrument :

BNA_G

ClientSampleId :

PB119004BL

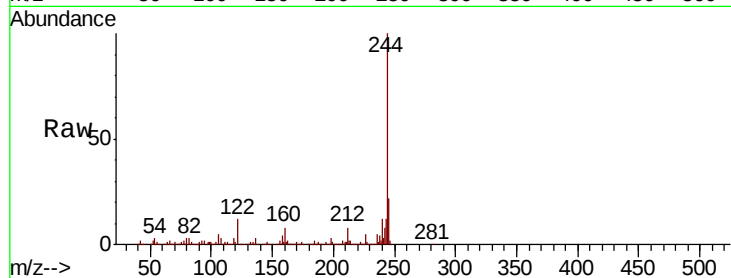
Tgt Ion:244 Resp: 1474158

Ion Ratio Lower Upper

244 100

212 8.2 7.0 10.6

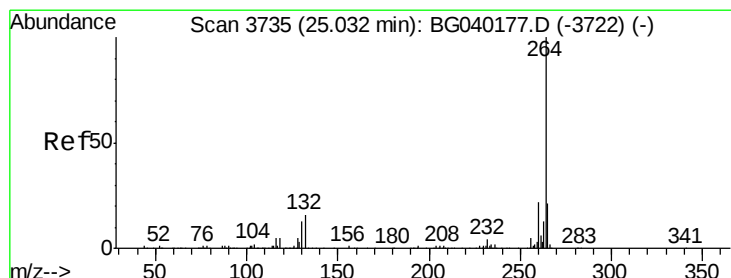
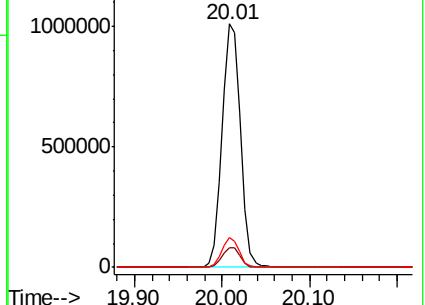
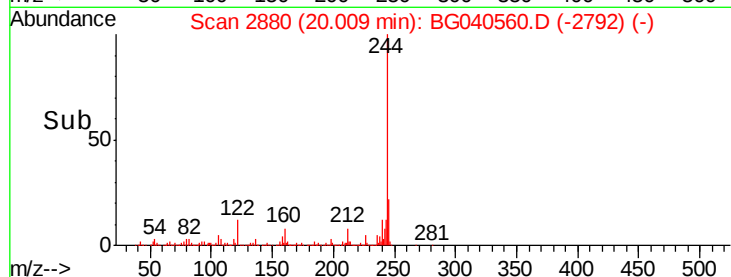
122 12.2 8.5 12.7



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: 24.94 min Scan# 3720

Delta R.T. -0.03 min

Lab File: BG040560.D

Acq: 19 Apr 2019 13:58

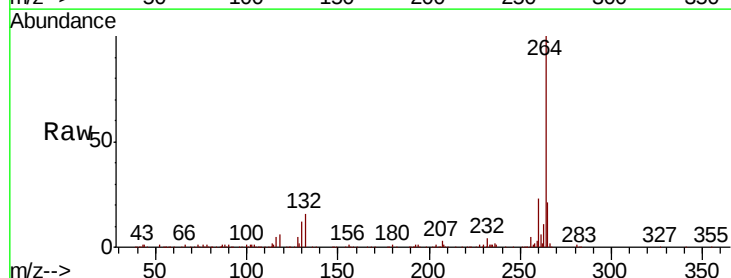
Tgt Ion:264 Resp: 366057

Ion Ratio Lower Upper

264 100

260 23.4 17.9 26.9

265 20.7 16.8 25.2



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

