

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070519\
 Data File : BN006742.D
 Acq On : 06 Jul 2019 07:02
 Operator : HP/JU
 Sample : K3662-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-MW202D-GW-20190702

Quant Time: Jul 08 00:28:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN070219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 05:30:28 2019
 Response via : Initial Calibration

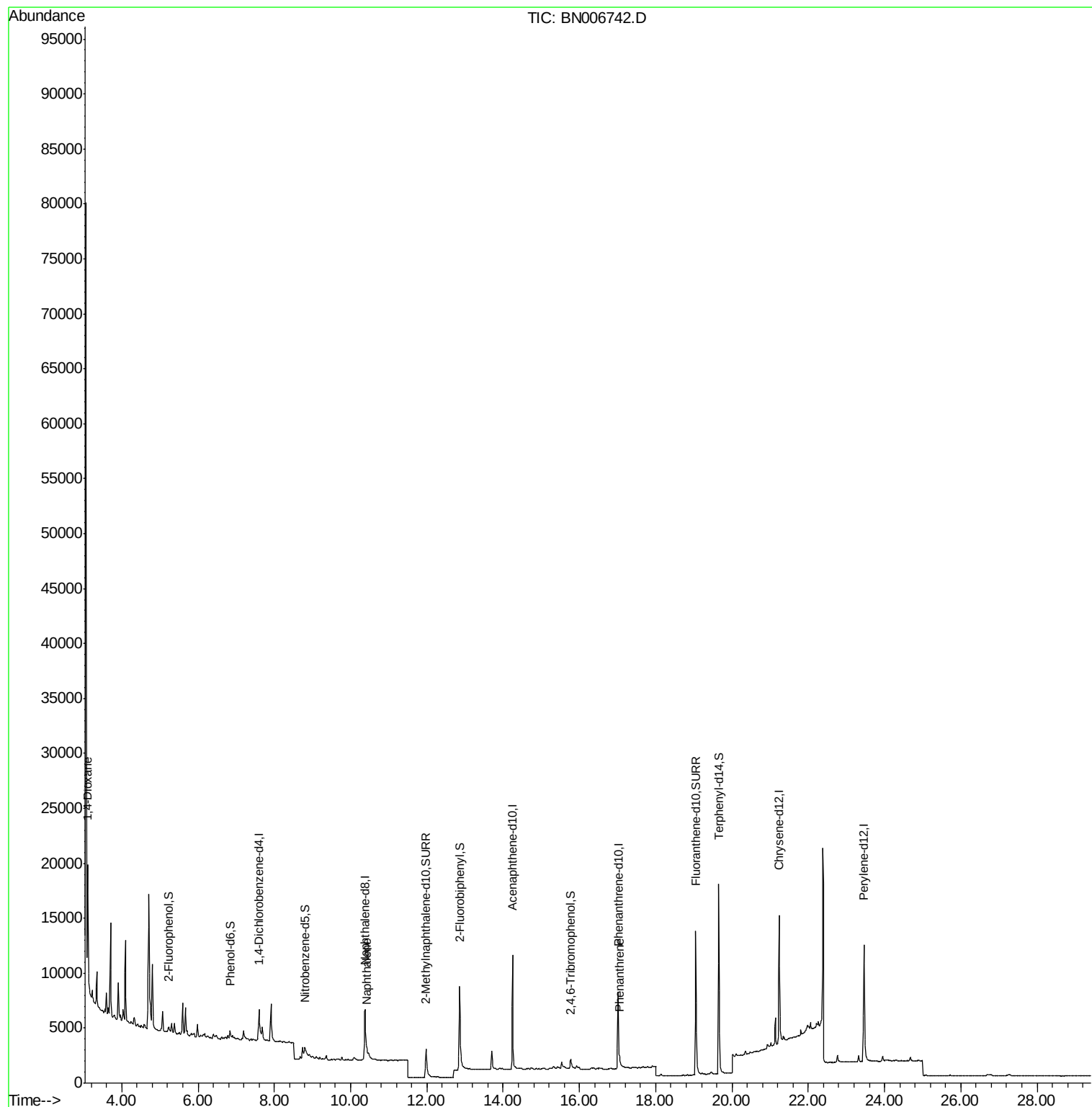
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	2586	0.40	ng	-0.02
7) Naphthalene-d8	10.38	136	9828	0.40	ng	-0.01
13) Acenaphthene-d10	14.24	164	6133	0.40	ng	-0.02
19) Phenanthrene-d10	17.01	188	13913	0.40	ng	-0.01
27) Chrysene-d12	21.24	240	13552	0.40	ng	-0.02
34) Perylene-d12	23.46	264	15528	0.40	ng	-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.23	112	1098	0.16	ng	0.00
5) Phenol-d6	6.85	99	829	0.09	ng	0.02
8) Nitrobenzene-d5	8.79	82	2608	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	11.98	152	6350	0.43	ng	-0.02
14) 2,4,6-Tribromophenol	15.77	330	1097	0.36	ng	-0.02
15) 2-Fluorobiphenyl	12.86	172	9932	0.41	ng	-0.02
25) Fluoranthene-d10	19.05	212	18194	0.46	ng	-0.02
29) Terphenyl-d14	19.66	244	19544	0.63	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.11	88	5993	1.483	ng	# 87
9) Naphthalene	10.43	128	1065	0.040	ng	# 63
23) Phenanthrene	17.06	178	888	0.022	ng	# 92

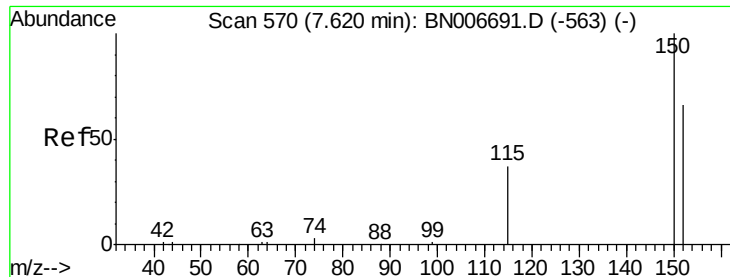
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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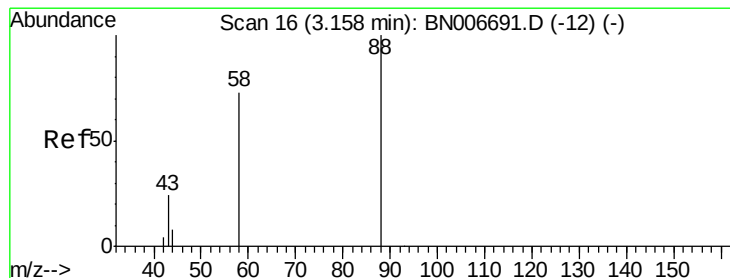
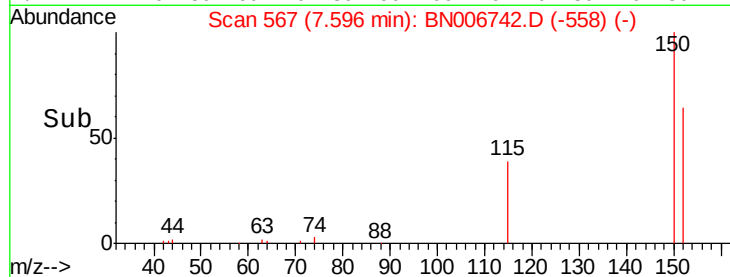
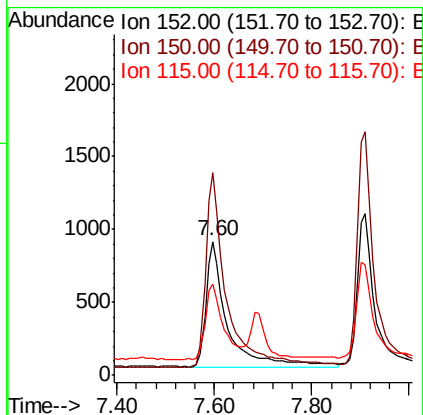
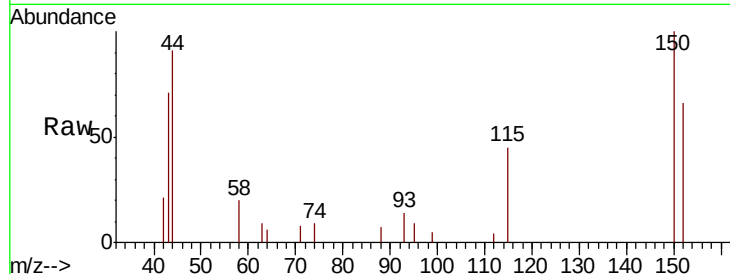


#1

1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.60 min Scan# 567
 Delta R.T. -0.02 min
 Lab File: BN006742.D
 Acq: 06 Jul 2019 07:02

Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-MW202D-GW-20190702

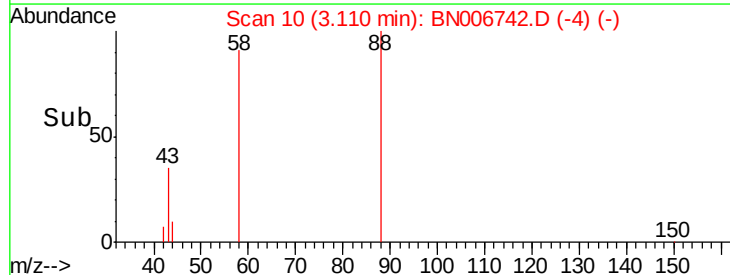
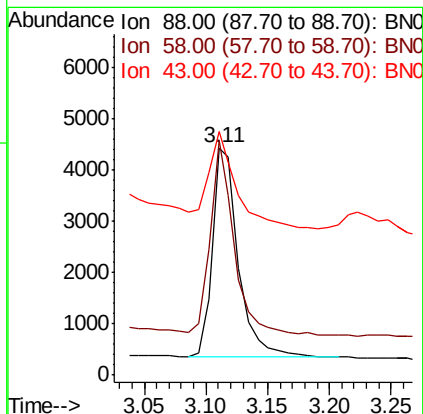
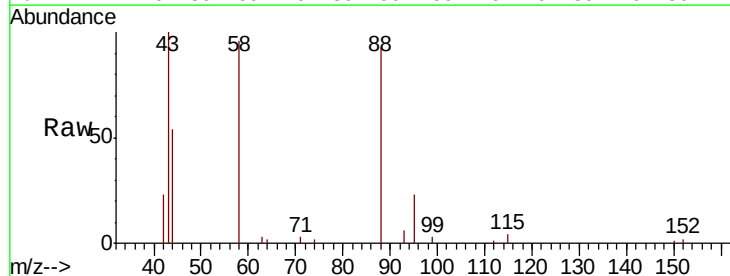
Tot Ion:152 Resp: 2586
 Ion Ratio Lower Upper
 152 100
 150 151.4 120.6 181.0
 115 68.4 51.0 76.6

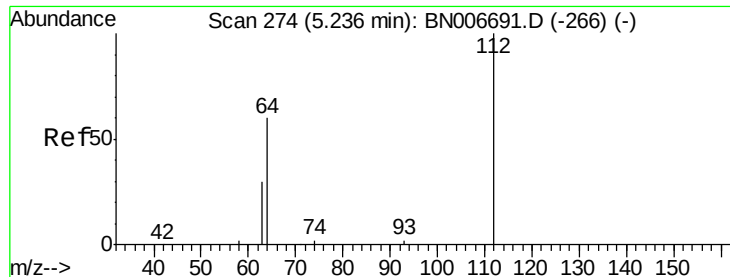


#2

1,4-Dioxane
 Concen: 1.483 ng
 RT: 3.11 min Scan# 10
 Delta R.T. -0.05 min
 Lab File: BN006742.D
 Acq: 06 Jul 2019 07:02

Tgt Ion: 88 Resp: 5993
 Ion Ratio Lower Upper
 88 100
 58 85.7 61.1 91.7
 43 50.5 32.4 48.6#





#4

2-Fluorophenol

Concen: 0.156 ng

RT: 5.23 min Scan# 273

Delta R.T. -0.01 min

Lab File: BN006742.D

Acq: 06 Jul 2019 07:02

Instrument :

BNA_N

ClientSampleId :

BP-TT-MW202D-GW-20190702

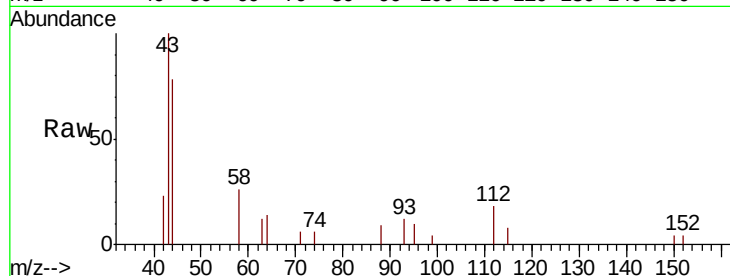
Tot Ion: 112 Resp: 1098

Ion Ratio Lower Upper

112 100

64 65.2 49.8 74.6

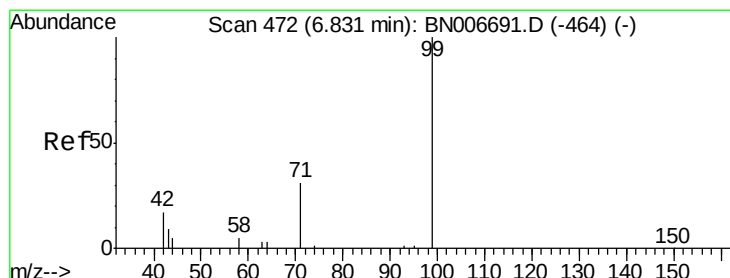
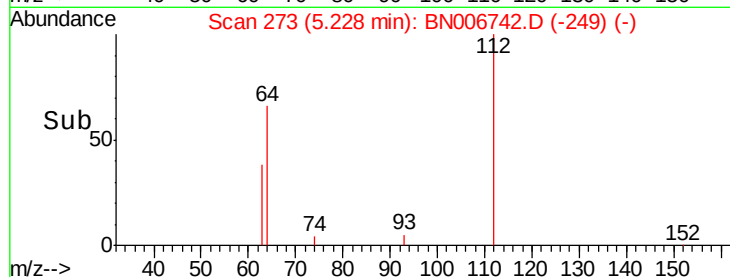
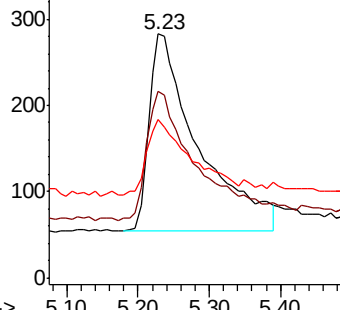
63 34.8 25.8 38.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNO

Ion 63.00 (62.70 to 63.70): BNO



#5

Phenol-d6

Concen: 0.093 ng

RT: 6.85 min Scan# 474

Delta R.T. 0.02 min

Lab File: BN006742.D

Acq: 06 Jul 2019 07:02

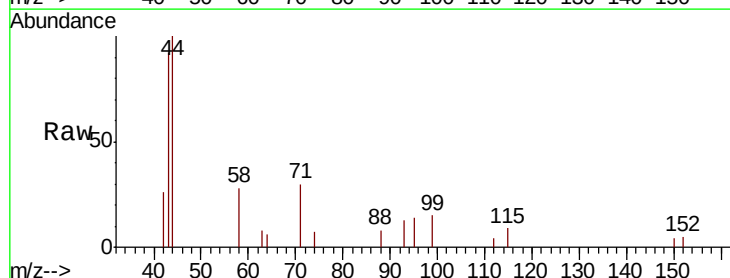
Tgt Ion: 99 Resp: 829

Ion Ratio Lower Upper

99 100

42 21.6 16.6 25.0

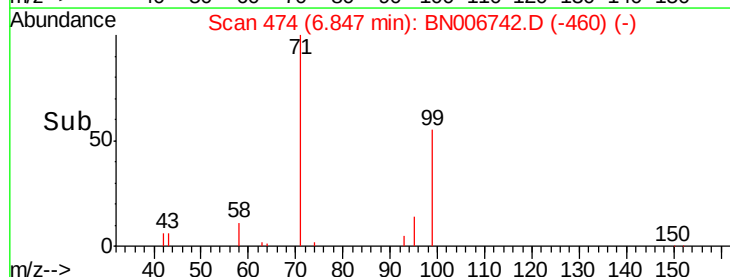
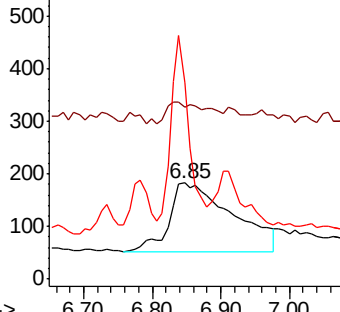
71 78.3 26.0 39.0#

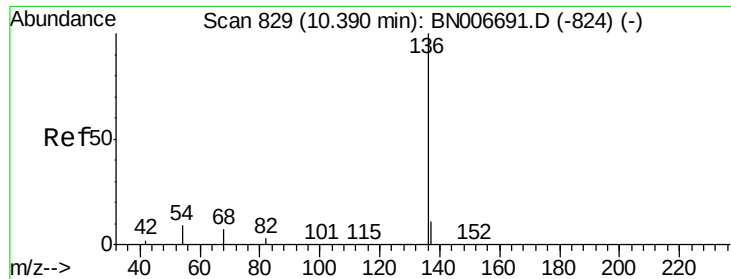


Abundance Ion 99.00 (98.70 to 99.70): BNO

Ion 42.00 (41.70 to 42.70): BNO

Ion 71.00 (70.70 to 71.70): BNO





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.38 min Scan# 828

Delta R.T. -0.01 min

Lab File: BN006742.D

Acq: 06 Jul 2019 07:02

Instrument :

BNA_N

ClientSampleId :

BP-TT-MW202D-GW-20190702

Tot Ion:136 Resp: 9828

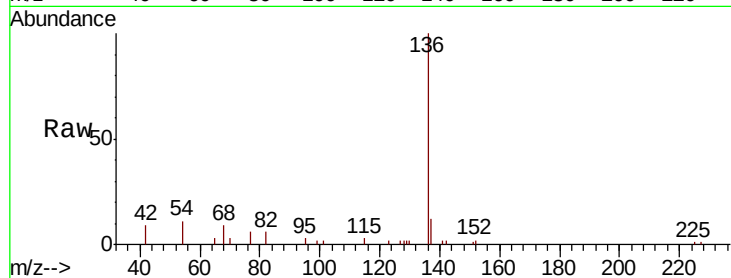
Ion Ratio Lower Upper

136 100

137 12.2 9.3 13.9

54 10.9 8.4 12.6

68 8.6 6.8 10.2

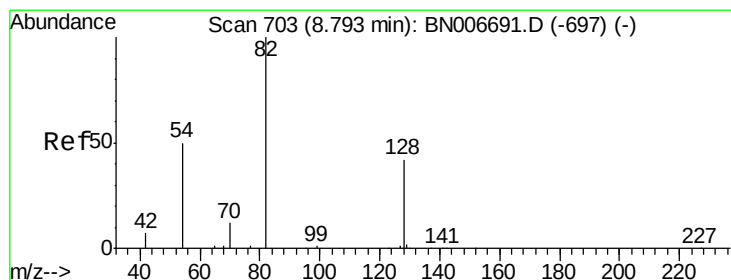
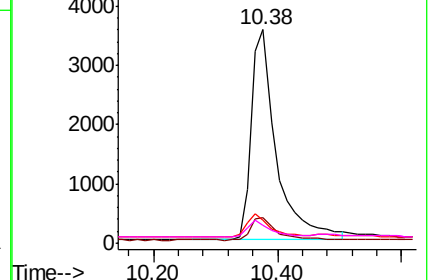
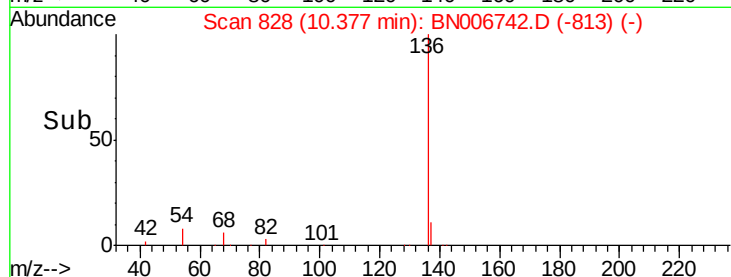


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.346 ng

RT: 8.79 min Scan# 703

Delta R.T. 0.00 min

Lab File: BN006742.D

Acq: 06 Jul 2019 07:02

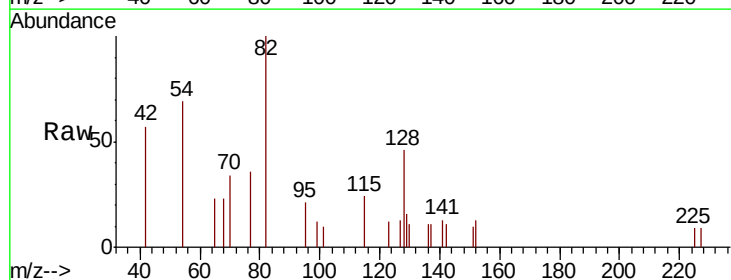
Tgt Ion: 82 Resp: 2608

Ion Ratio Lower Upper

82 100

128 45.8 36.1 54.1

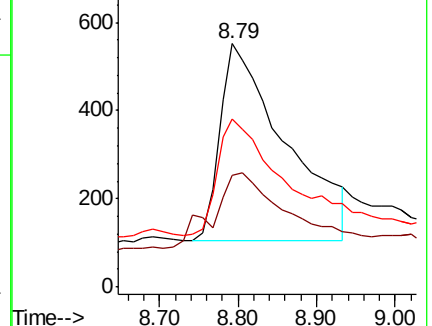
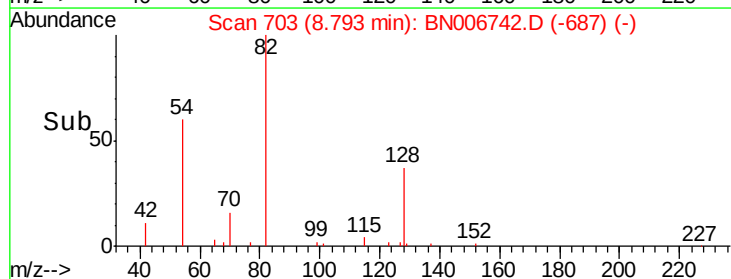
54 68.8 44.5 66.7#

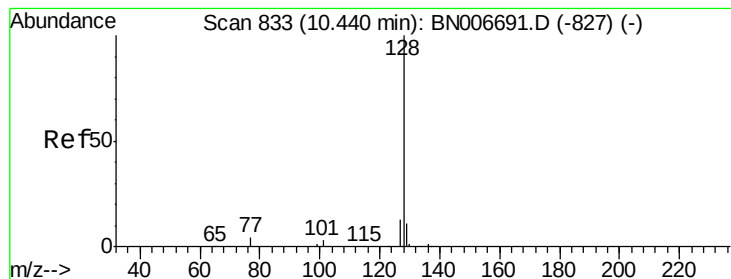


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.040 ng

RT: 10.43 min Scan# 832

Delta R.T. -0.01 min

Lab File: BN006742.D

Acq: 06 Jul 2019 07:02

Instrument :

BNA_N

ClientSampleId :

BP-TT-MW202D-GW-20190702

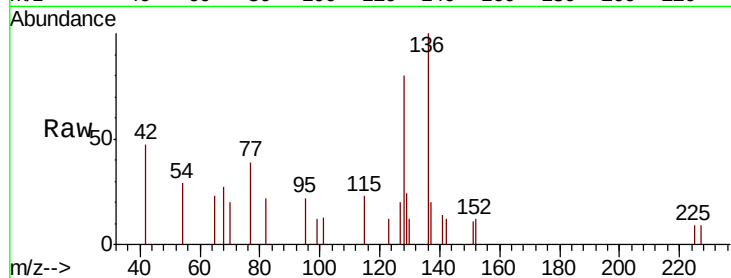
Tot Ion:128 Resp: 1065

Ion Ratio Lower Upper

128 100

129 30.3 9.6 14.4#

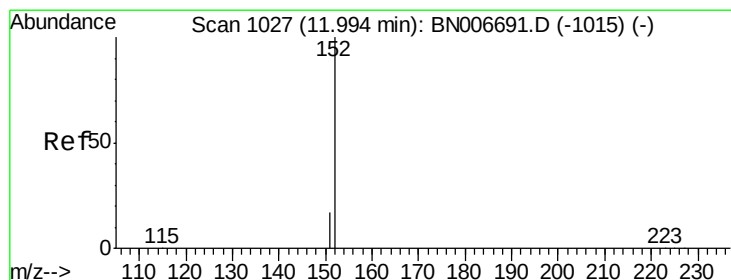
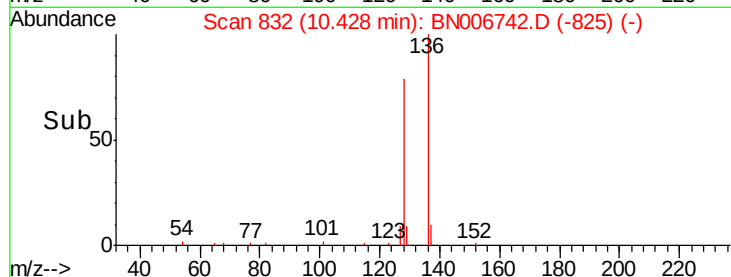
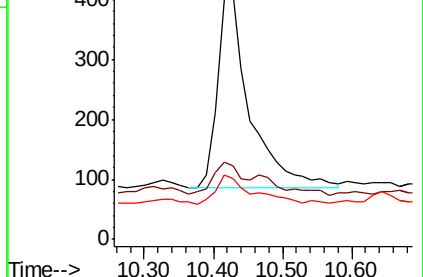
127 25.1 11.0 16.4#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#11

2-Methylnaphthalene-d10

Concen: 0.430 ng

RT: 11.98 min Scan# 1023

Delta R.T. -0.02 min

Lab File: BN006742.D

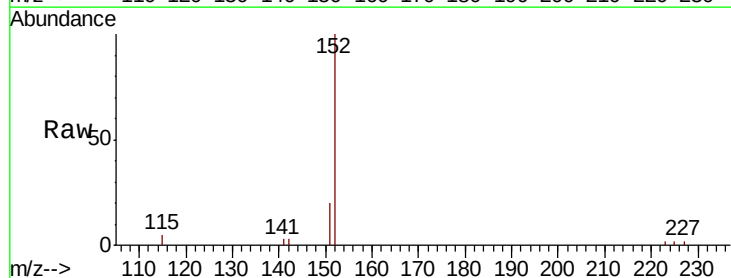
Acq: 06 Jul 2019 07:02

Tgt Ion:152 Resp: 6350

Ion Ratio Lower Upper

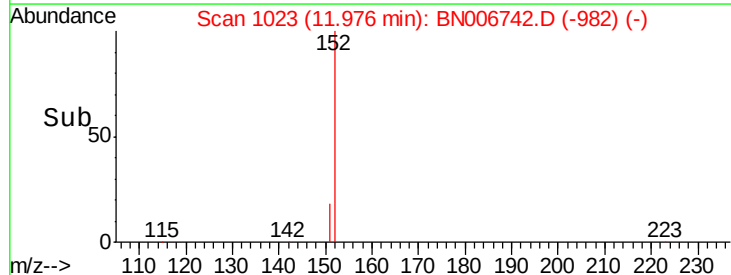
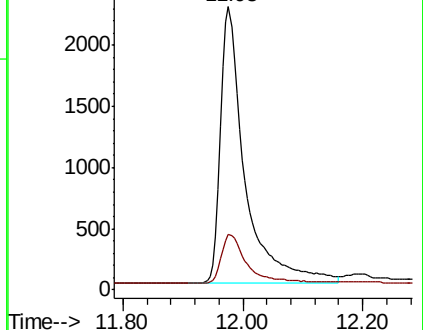
152 100

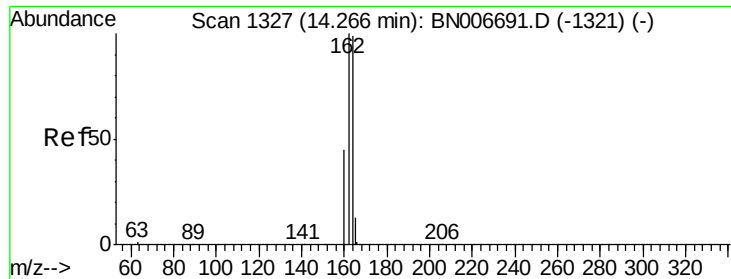
151 18.9 14.9 22.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.24 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BN006742.D

Acq: 06 Jul 2019 07:02

Instrument :

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ClientSampleId :

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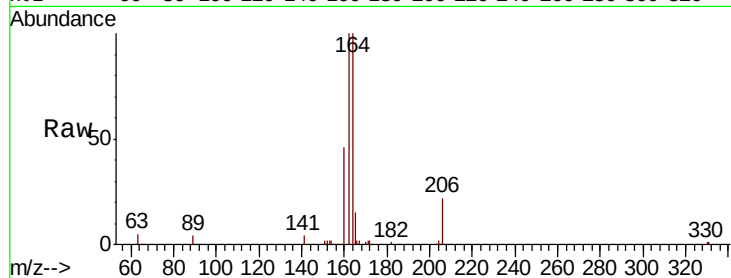
Tot Ion:164 Resp: 6133

Ion Ratio Lower Upper

164 100

162 100.4 80.8 121.2

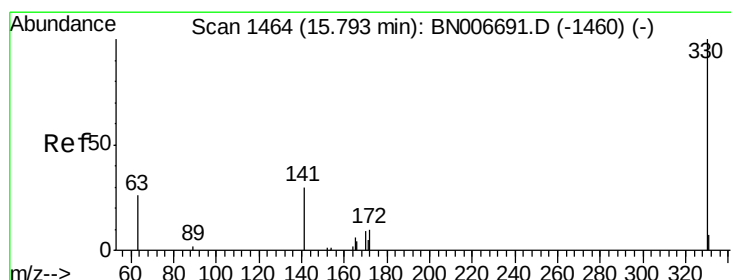
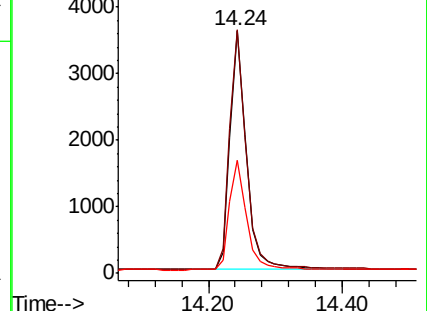
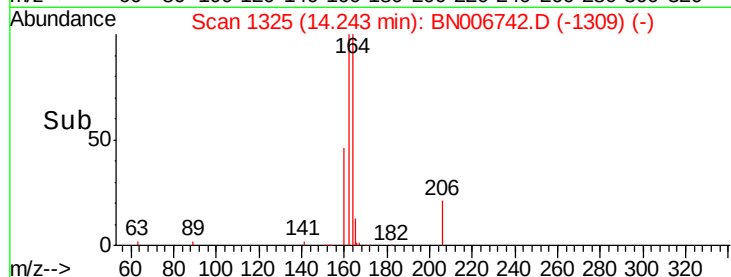
160 46.5 37.0 55.6



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



#14

2,4,6-Tribromophenol

Concen: 0.364 ng

RT: 15.77 min Scan# 1462

Delta R.T. -0.02 min

Lab File: BN006742.D

Acq: 06 Jul 2019 07:02

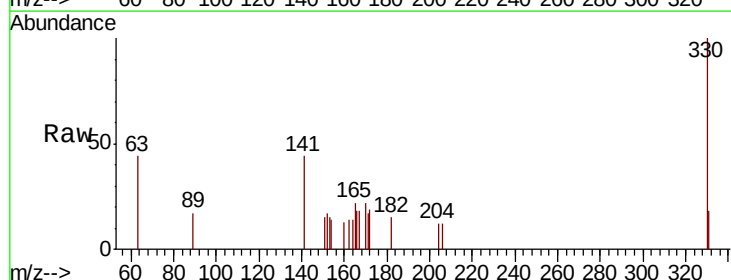
Tgt Ion:330 Resp: 1097

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

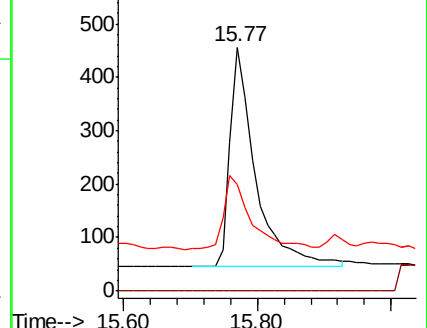
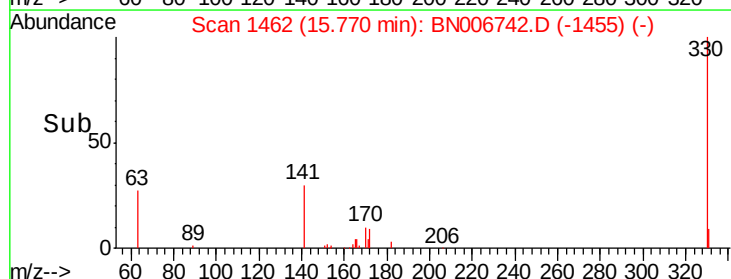
141 37.6 24.8 37.2#

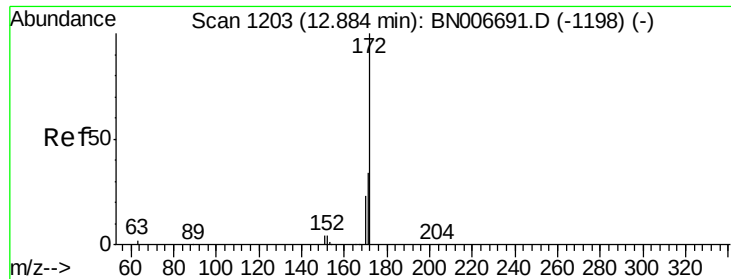


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

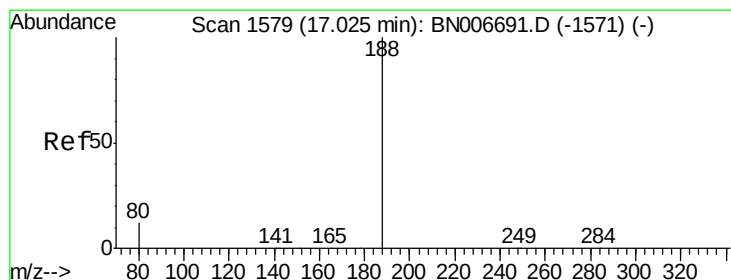
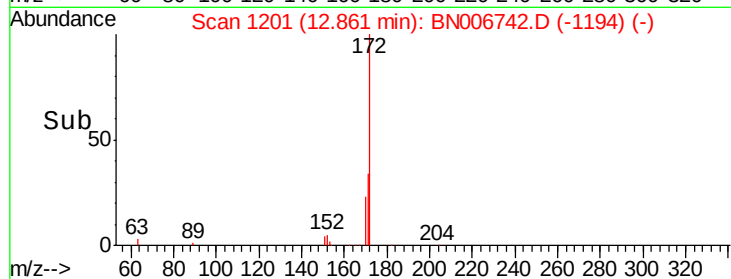
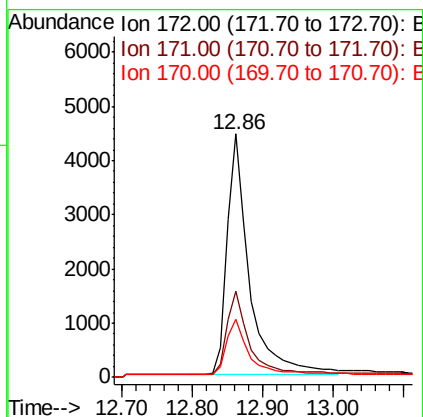
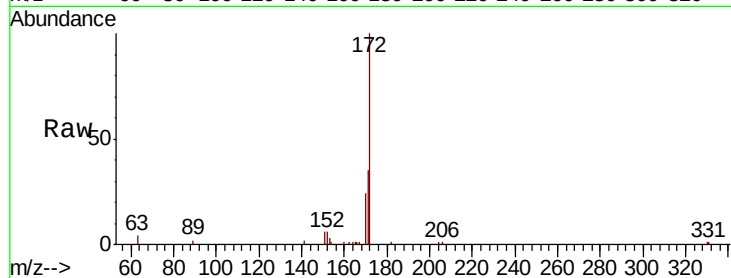




#15
2-Fluorobiphenyl
Concen: 0.414 ng
RT: 12.86 min Scan# 1201
Delta R.T. -0.02 min
Lab File: BN006742.D
Acq: 06 Jul 2019 07:02

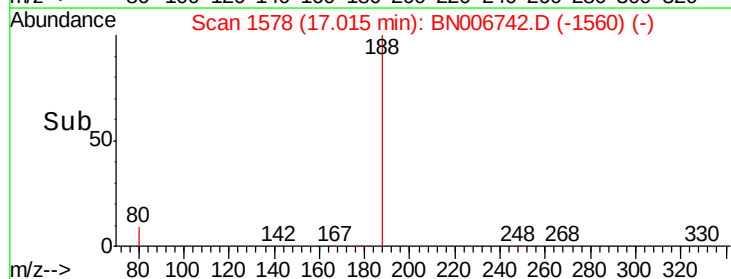
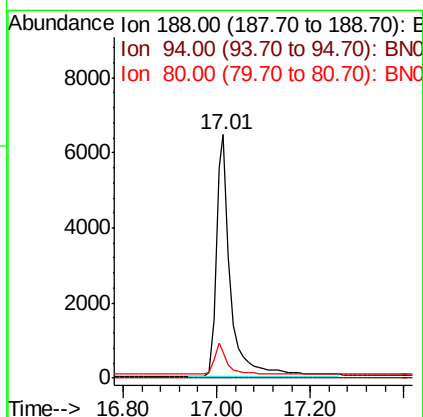
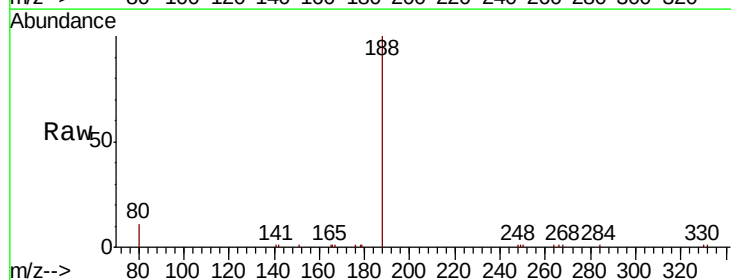
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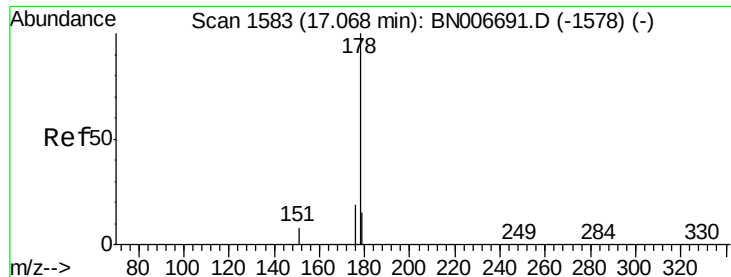
Tot Ion:172 Resp: 9932
Ion Ratio Lower Upper
172 100
171 35.2 27.8 41.6
170 23.7 18.9 28.3



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.01 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BN006742.D
Acq: 06 Jul 2019 07:02

Tgt Ion:188 Resp: 13913
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.7 10.3 15.5





#23

Phenanthrene

Concen: 0.022 ng

RT: 17.06 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BN006742.D

Acq: 06 Jul 2019 07:02

Instrument :

BNA_N

ClientSampleId :

BP-TT-MW202D-GW-20190702

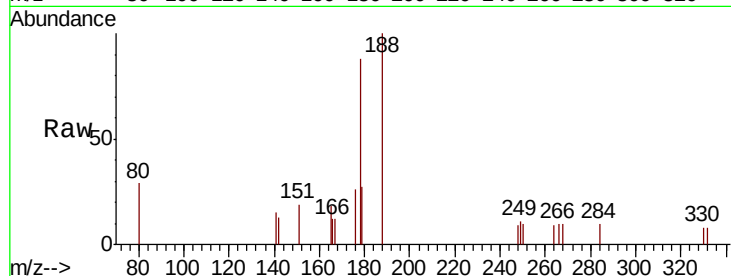
Tot Ion:178 Resp: 888

Ion Ratio Lower Upper

178 100

176 19.7 15.3 22.9

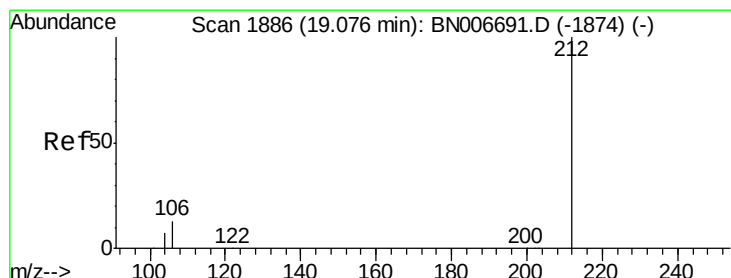
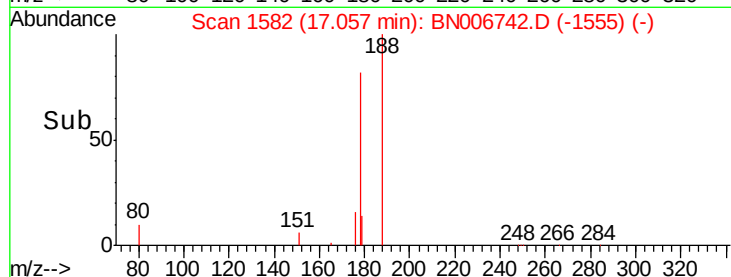
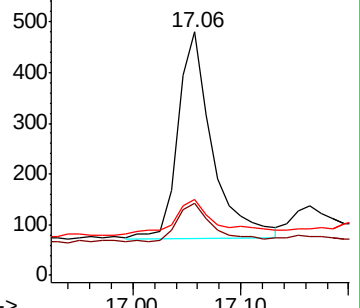
179 22.7 12.4 18.6#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#25

Fluoranthene-d10

Concen: 0.457 ng

RT: 19.05 min Scan# 1881

Delta R.T. -0.02 min

Lab File: BN006742.D

Acq: 06 Jul 2019 07:02

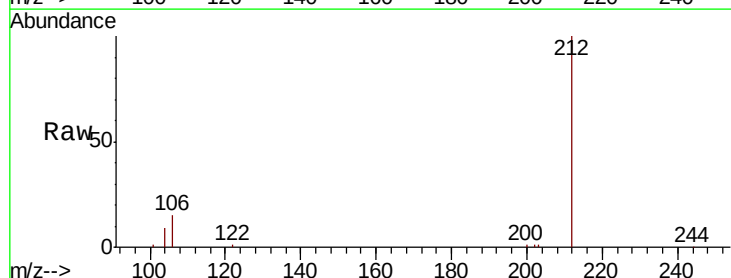
Tgt Ion:212 Resp: 18194

Ion Ratio Lower Upper

212 100

106 13.4 11.0 16.6

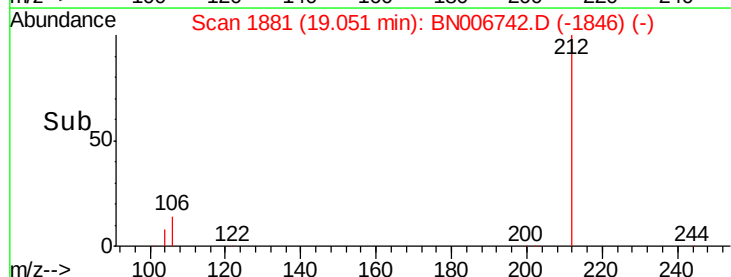
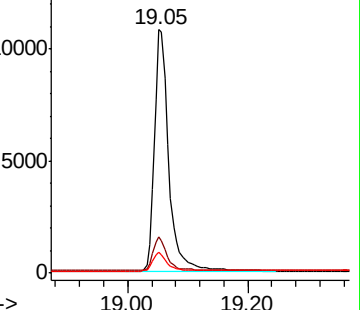
104 7.5 6.1 9.1

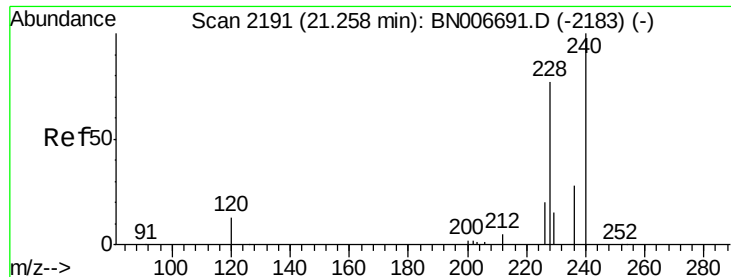


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

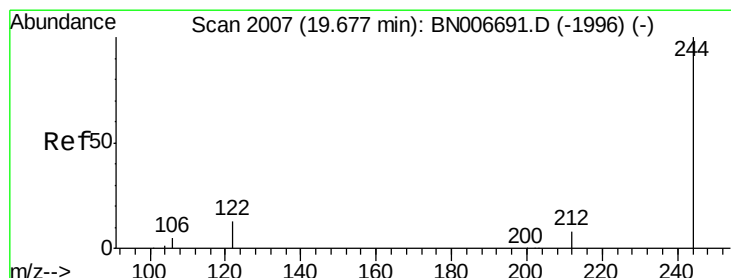
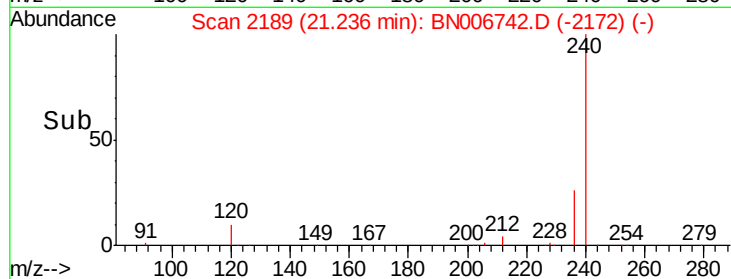
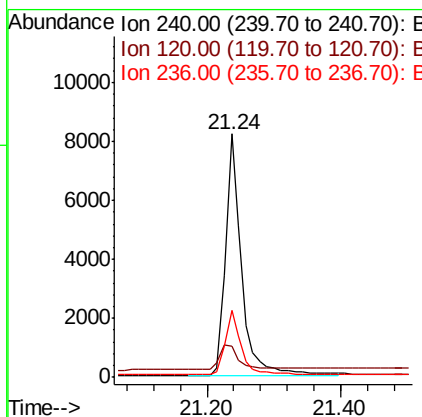
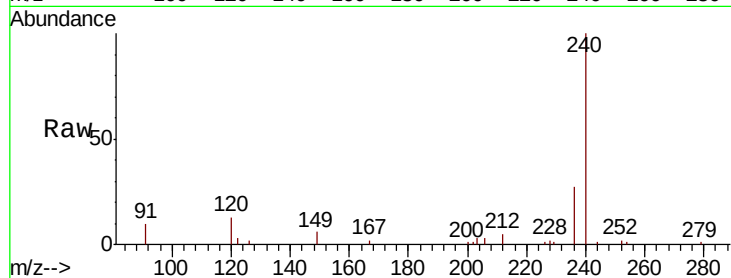




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.24 min Scan# 2189
 Delta R.T. -0.02 min
 Lab File: BN006742.D
 Acq: 06 Jul 2019 07:02

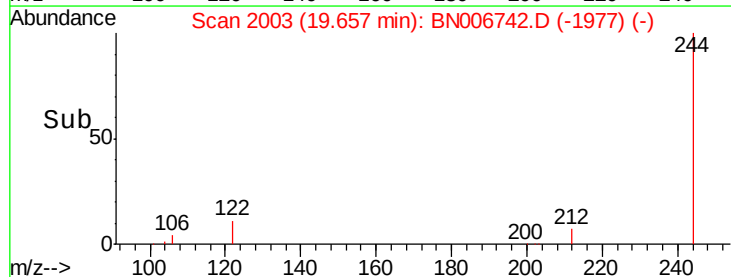
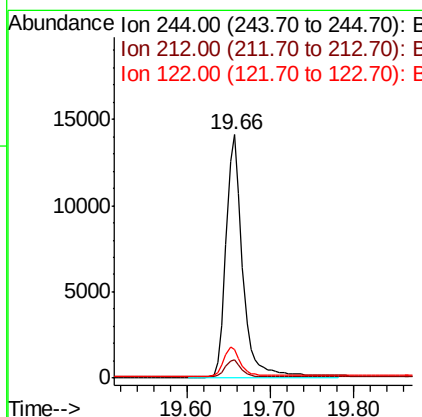
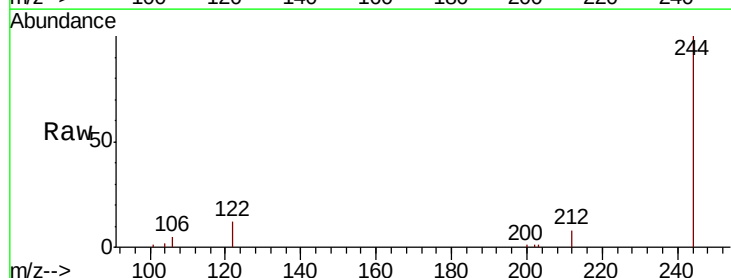
Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-MW202D-GW-20190702

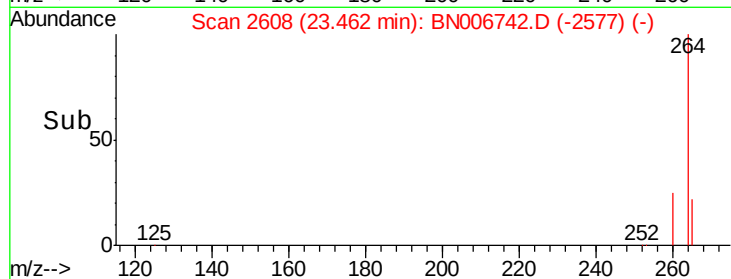
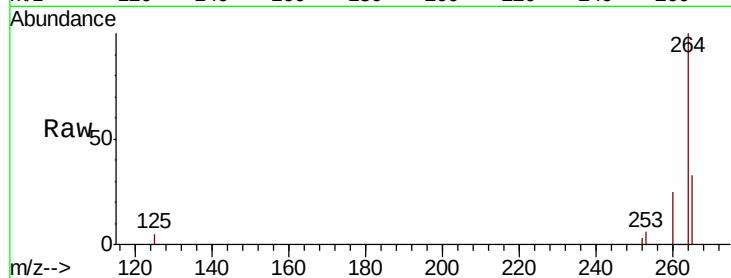
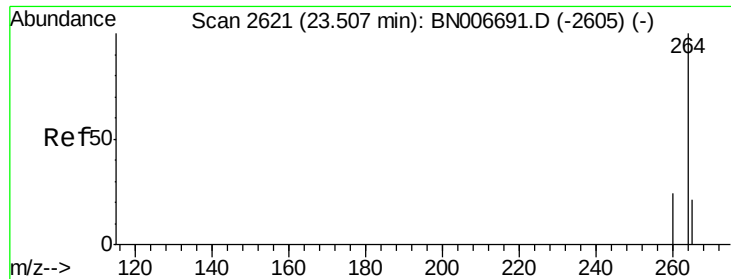
Tot Ion:240 Resp: 13552
 Ion Ratio Lower Upper
 240 100
 120 12.8 12.9 19.3#
 236 27.3 23.2 34.8



#29
 Terphenyl-d14
 Concen: 0.626 ng
 RT: 19.66 min Scan# 2003
 Delta R.T. -0.02 min
 Lab File: BN006742.D
 Acq: 06 Jul 2019 07:02

Tgt Ion:244 Resp: 19544
 Ion Ratio Lower Upper
 244 100
 212 7.7 7.0 10.4
 122 11.6 11.5 17.3





#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.46 min Scan# 2608
 Delta R.T. -0.04 min
 Lab File: BN006742.D
 Acq: 06 Jul 2019 07:02

Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-MW202D-GW-20190702

Tot Ion: 264 Resp: 15528
 Ion Ratio Lower Upper
 264 100
 260 25.2 20.2 30.2
 265 33.1 33.7 50.5#

