

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 00:24:45 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

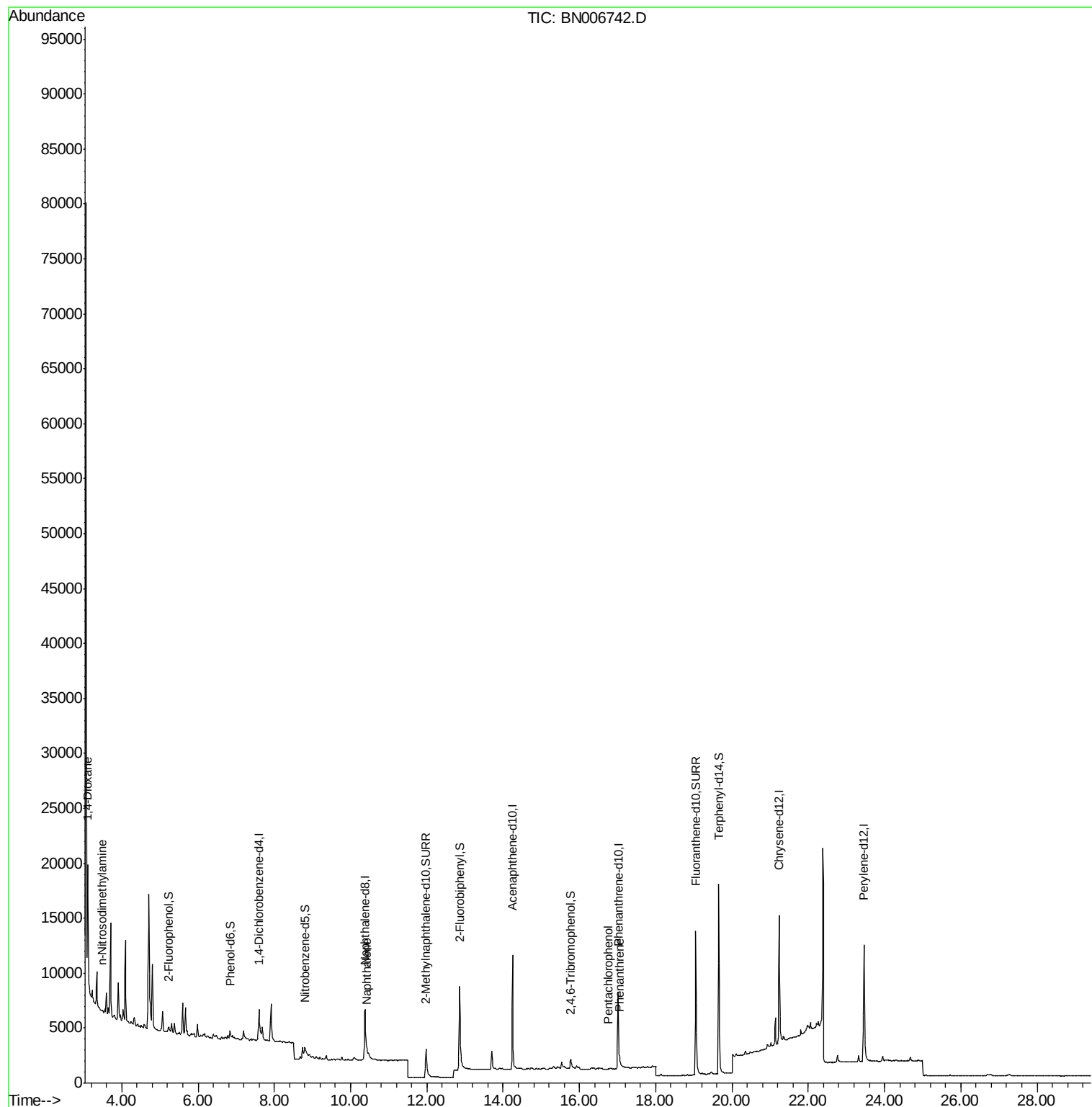
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	2586	0.40	ng	-0.02
7) Naphthalene-d8	10.38	136	9828	0.40	ng	-0.01
13) Acenaphthene-d10	14.24	164	6133	0.40	ng	-0.02
19) Phenanthrene-d10	17.01	188	13913	0.40	ng	-0.01
27) Chrysene-d12	21.24	240	13552	0.40	ng	-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
3) n-Nitrosodimethylamine	3.47	42	122	0.040	ng	# 1
9) Naphthalene	10.43	128	1065	0.040	ng	# 63
12) 2-Methylnaphthalene	12.05	142	86	Below Cal		# 42
22) Pentachlorophenol	16.76	266	4	0.113	ng	# 79
23) Phenanthrene	17.06	178	888	0.022	ng	# 92

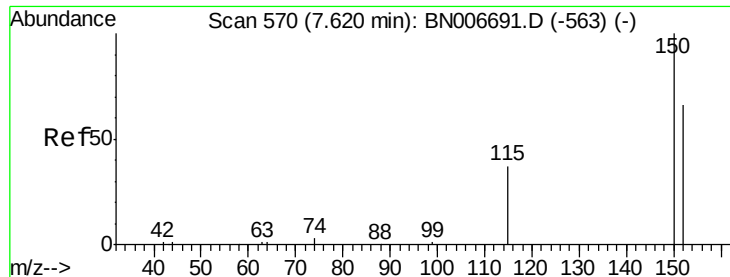
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

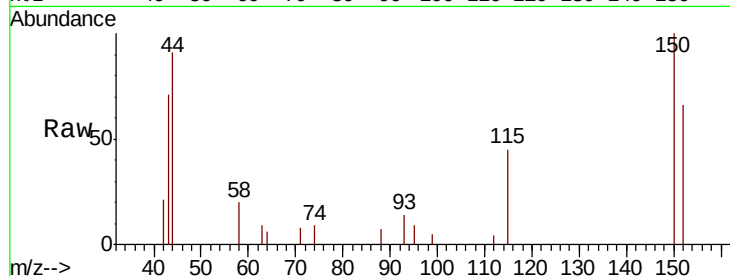
Tgt Ion:152 Resp: 2586

Ion Ratio Lower Upper

152 100

150 151.4 120.6 181.0

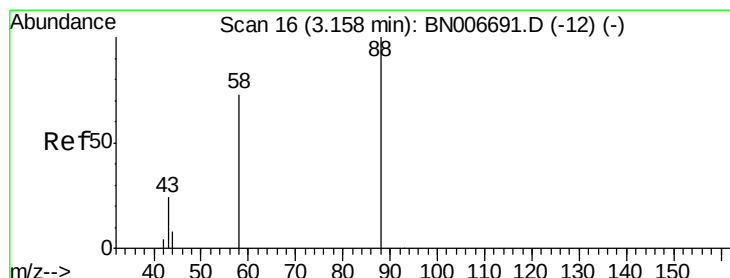
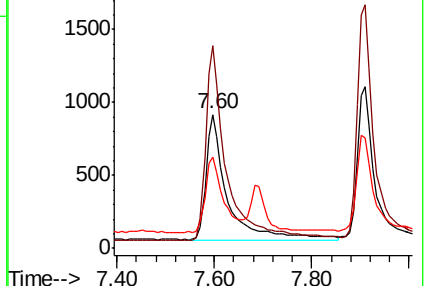
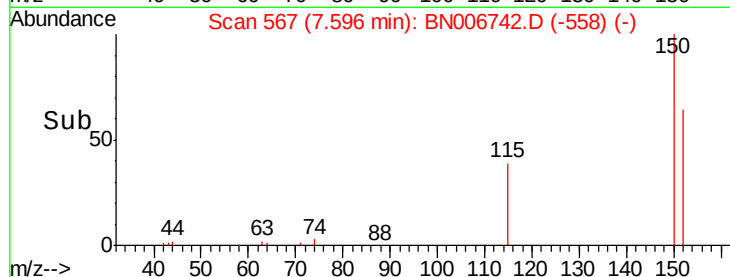
115 68.4 51.0 76.6



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



#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

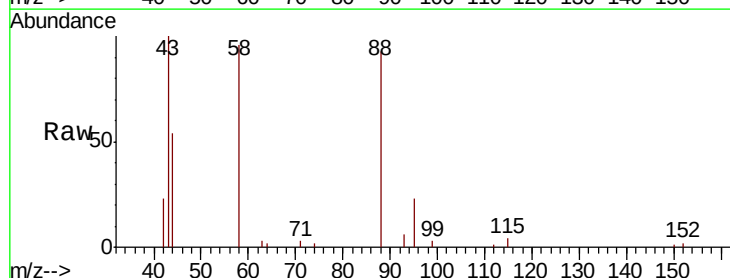
Tgt Ion: 88 Resp: 5993

Ion Ratio Lower Upper

88 100

58 85.7 61.1 91.7

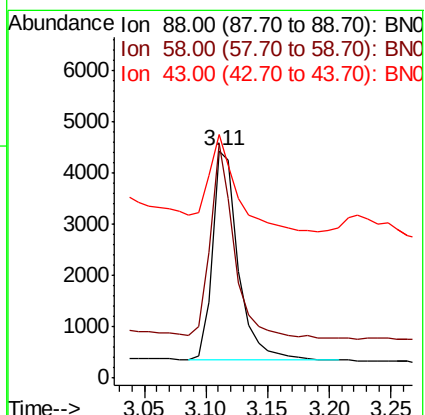
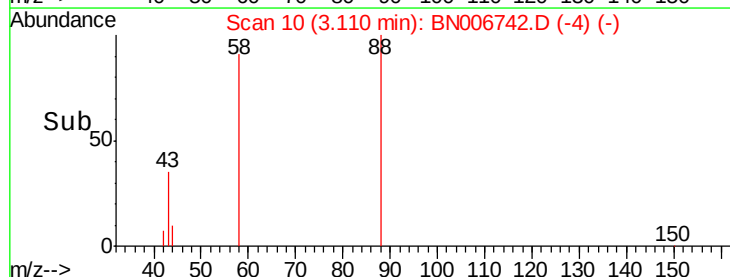
43 50.5 32.4 48.6#

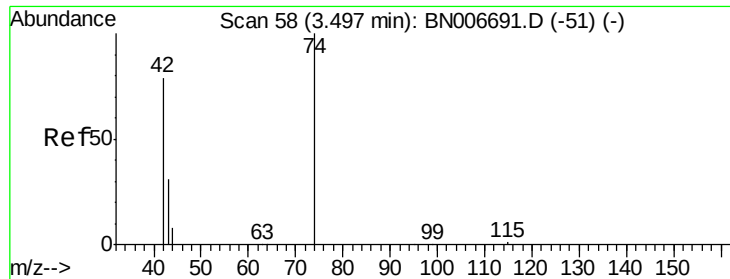


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.040 ng

RT: 3.47 min Scan# 55

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

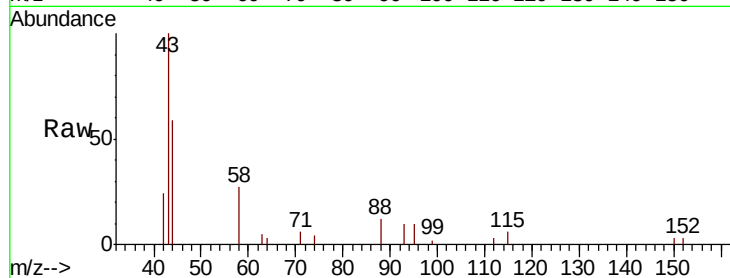
Tgt Ion: 42 Resp: 122

Ion Ratio Lower Upper

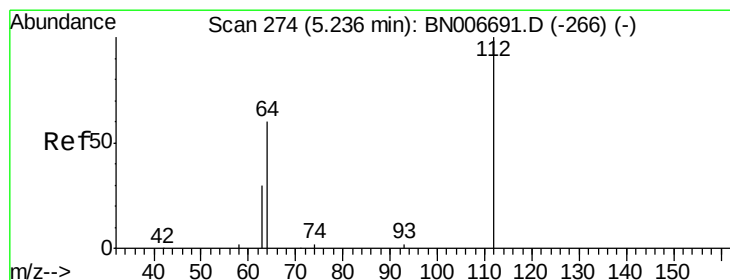
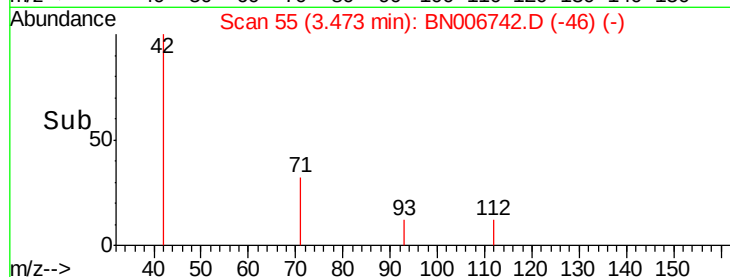
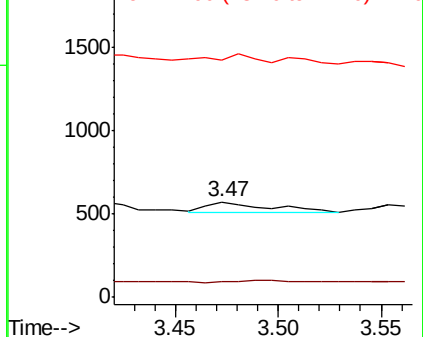
42 100

74 0.0 106.6 160.0#

44 0.0 8.0 12.0#



Abundance Ion 42.00 (41.70 to 42.70): BN0
Ion 74.00 (73.70 to 74.70): BN0
Ion 44.00 (43.70 to 44.70): BN0



#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

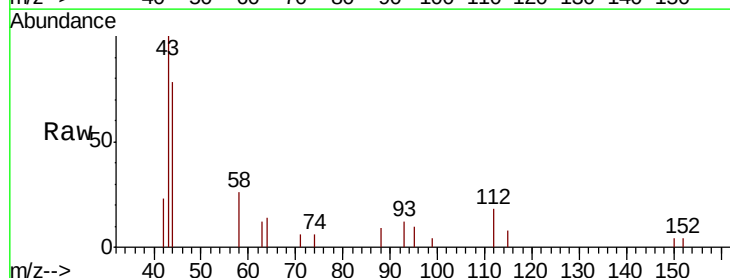
Tgt Ion: 112 Resp: 1098

Ion Ratio Lower Upper

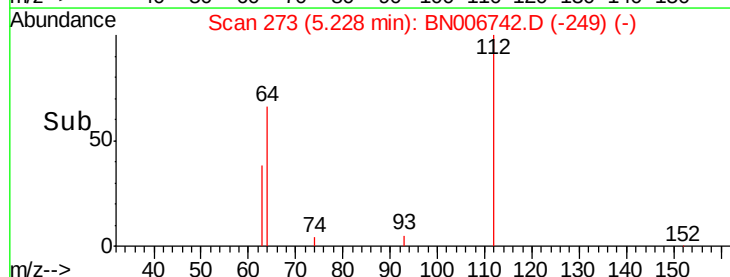
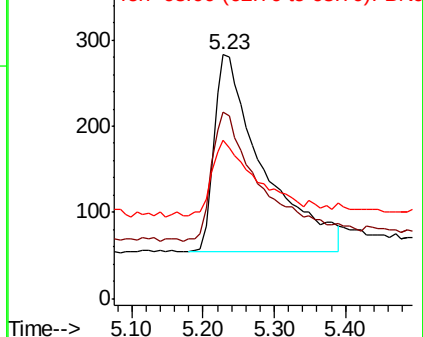
112 100

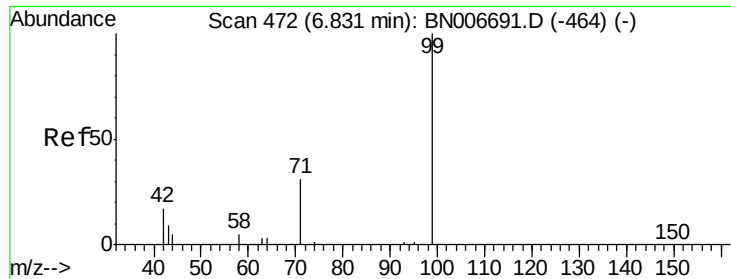
64 65.2 49.8 74.6

63 34.8 25.8 38.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BN0
Ion 63.00 (62.70 to 63.70): BN0





#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

Instrument :

BNA_N

ClientSampleId :

BP-TT-MW202D-GW-20190702

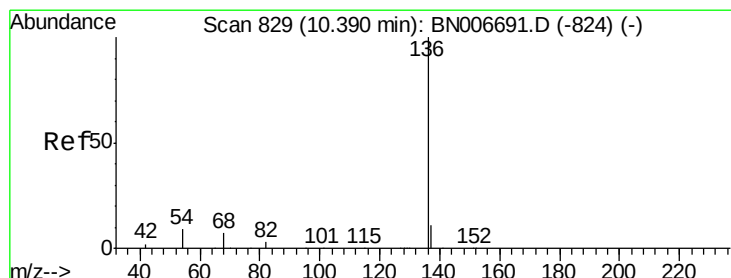
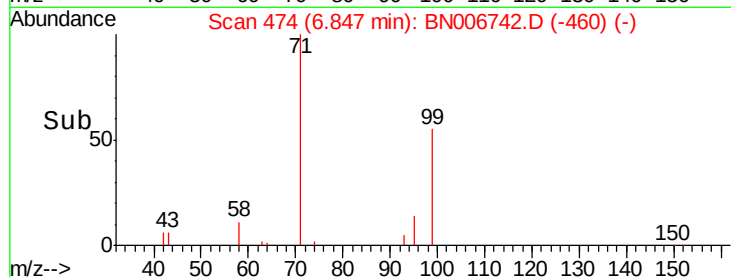
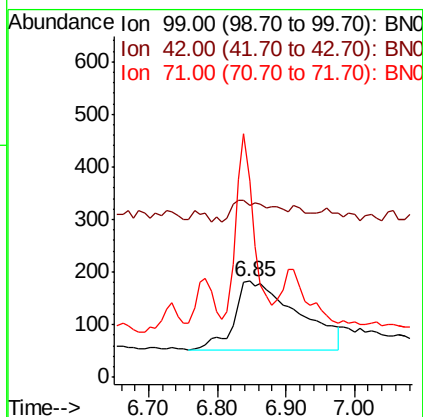
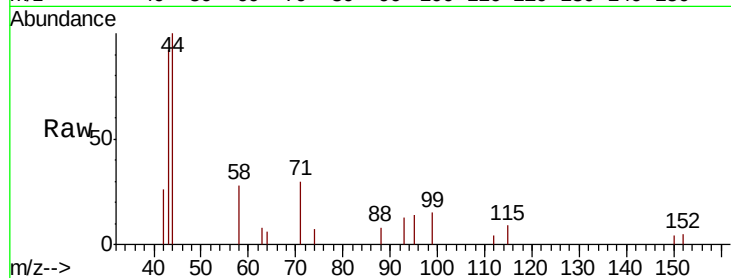
Tgt Ion: 99 Resp: 829

Ion Ratio Lower Upper

99 100

42 21.6 16.6 25.0

71 78.3 26.0 39.0#



#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

Tgt Ion: 136 Resp: 9828

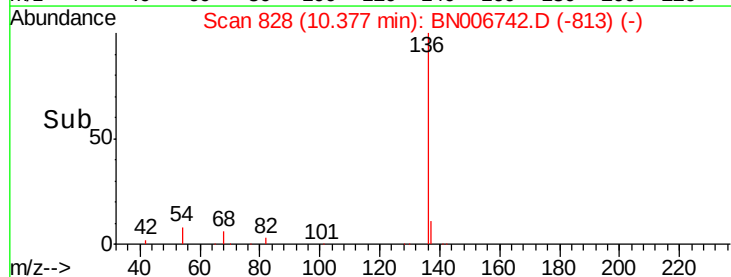
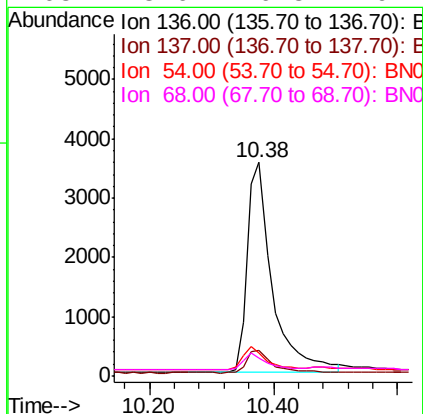
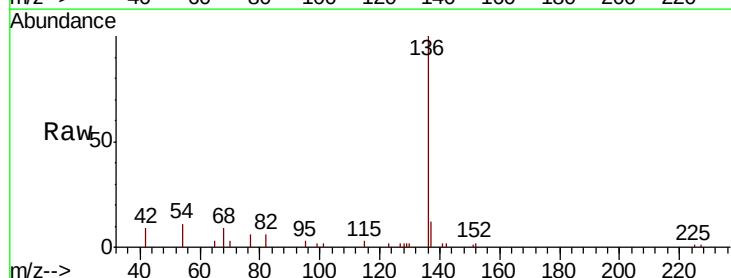
Ion Ratio Lower Upper

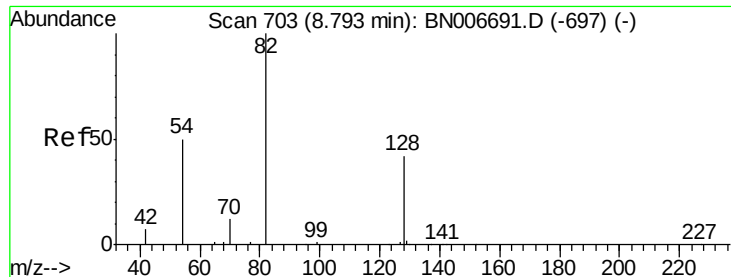
136 100

137 12.2 9.3 13.9

54 10.9 8.4 12.6

68 8.6 6.8 10.2





#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

Instrument :

BNA_N

ClientSampleId :

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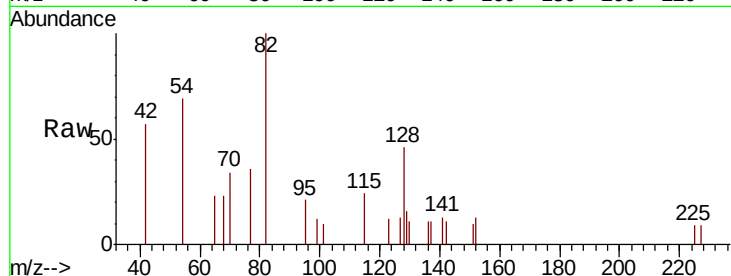
Tgt Ion: 82 Resp: 2608

Ion Ratio Lower Upper

82 100

128 45.8 36.1 54.1

54 68.8 44.5 66.7#

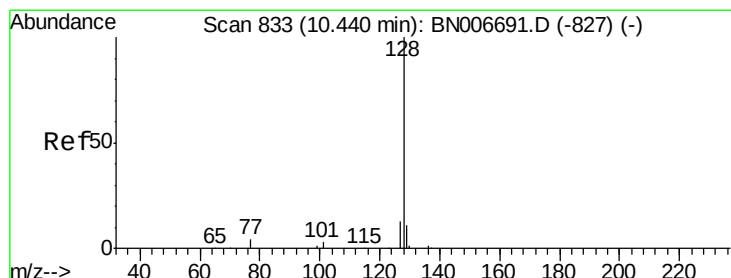
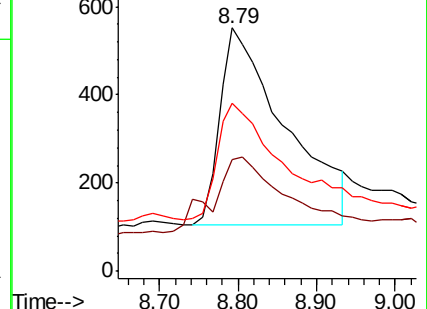
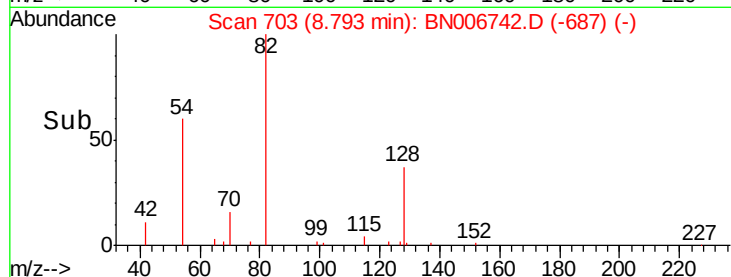


Abundance Ion 82.00 (81.70 to 82.70): BN006691.D (-697) (-)

Ion 128.00 (127.70 to 128.70): BN006691.D (-697) (-)

Ion 54.00 (53.70 to 54.70): BN006691.D (-697) (-)

Time-->



#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

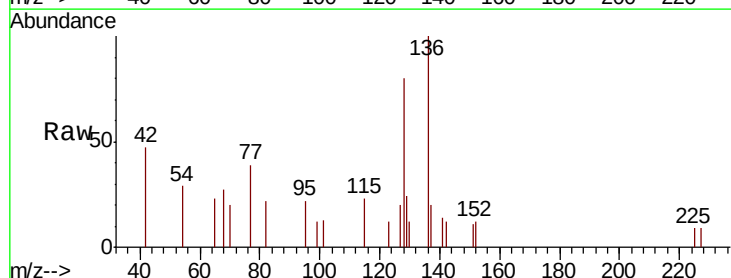
Tgt Ion: 128 Resp: 1065

Ion Ratio Lower Upper

128 100

129 30.3 9.6 14.4#

127 25.1 11.0 16.4#

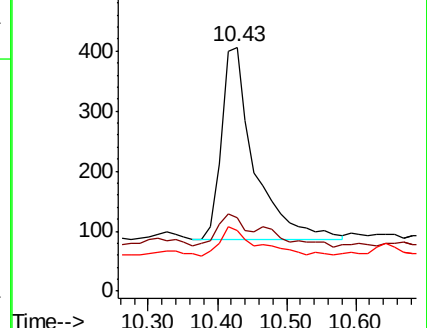
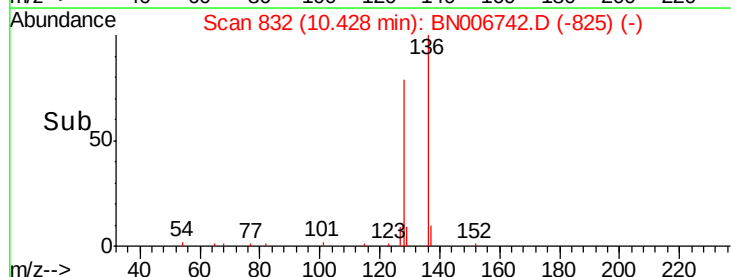


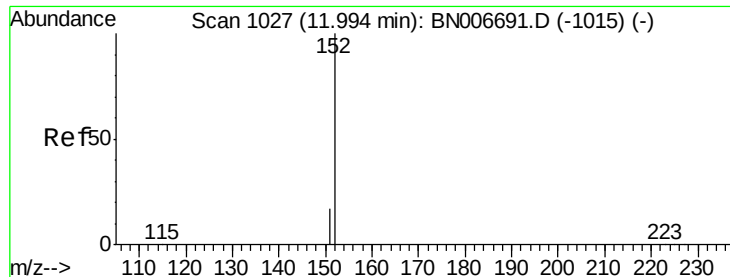
Abundance Ion 128.00 (127.70 to 128.70): BN006691.D (-827) (-)

Ion 129.00 (128.70 to 129.70): BN006691.D (-827) (-)

Ion 127.00 (126.70 to 127.70): BN006691.D (-827) (-)

Time-->

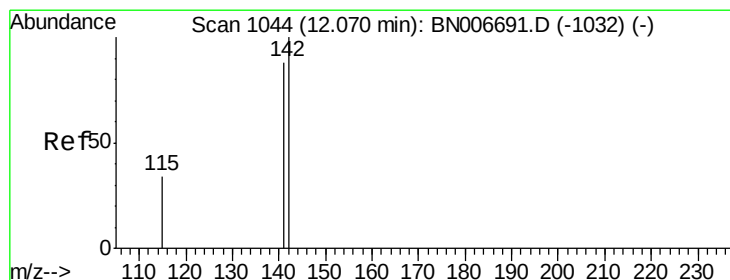
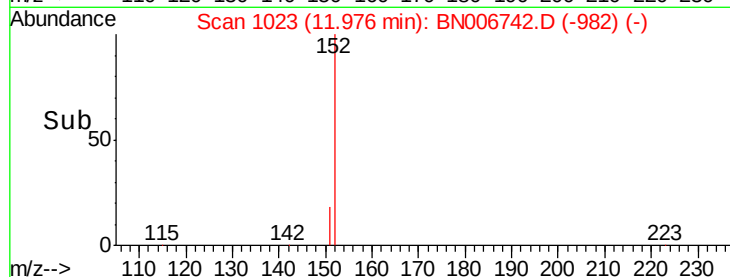
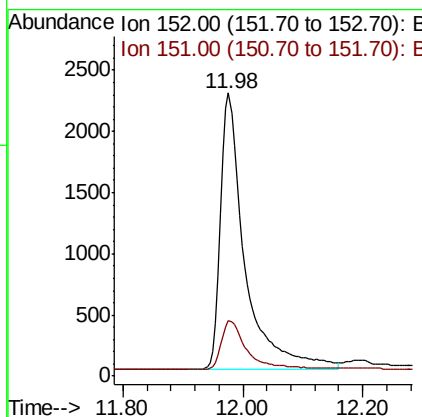
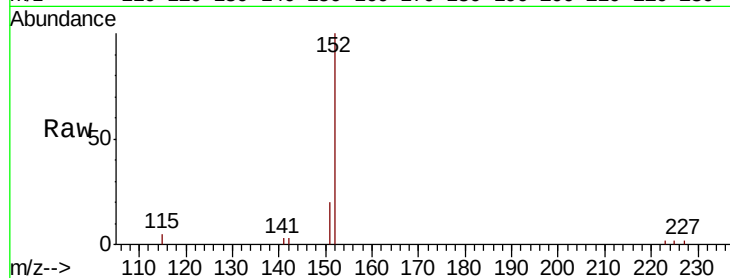




#11
 2-Methylnaphthalene-d10
 Concen: 0.430 ng
 RT: 11.98 min Scan# 1023
 Delta R.T. -0.02 min
 Lab File: BN006742.D
 Acq: 06 Jul 2019 07:02

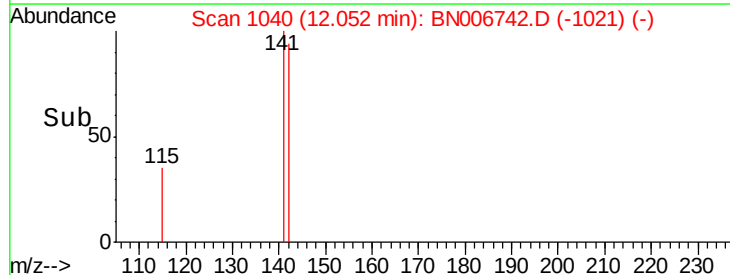
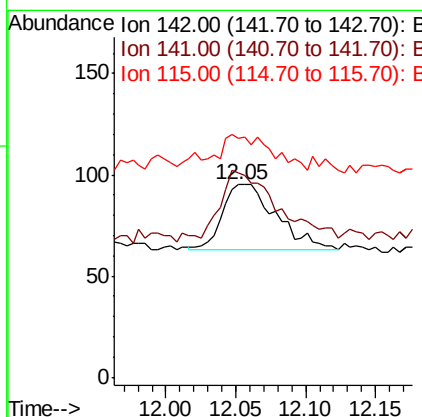
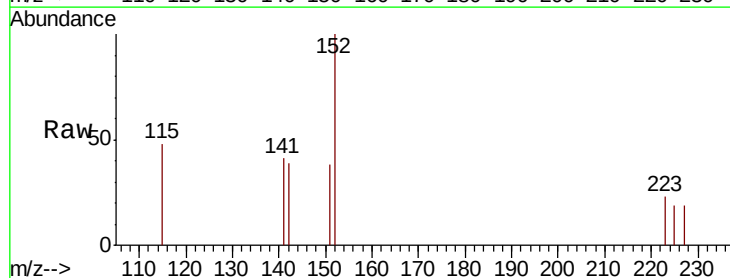
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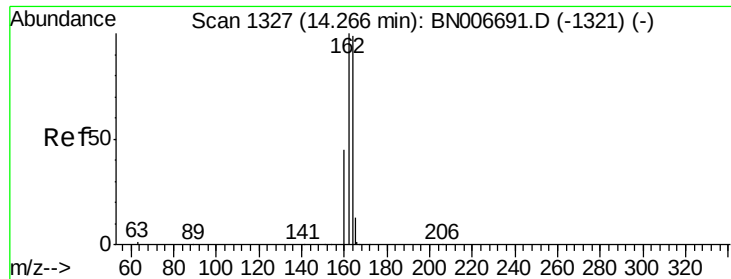
Tgt Ion:152 Resp: 6350
 Ion Ratio Lower Upper
 152 100
 151 18.9 14.9 22.3



#12
 2-Methylnaphthalene
 Concen: Below Cal
 RT: 12.05 min Scan# 1040
 Delta R.T. -0.02 min
 Lab File: BN006742.D
 Acq: 06 Jul 2019 07:02

Tgt Ion:142 Resp: 86
 Ion Ratio Lower Upper
 142 100
 141 106.3 70.3 105.5#
 115 124.2 28.9 43.3#





#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 :

BNA_N

ClientSampleId :

BP-TT-MW202D-GW-20190702

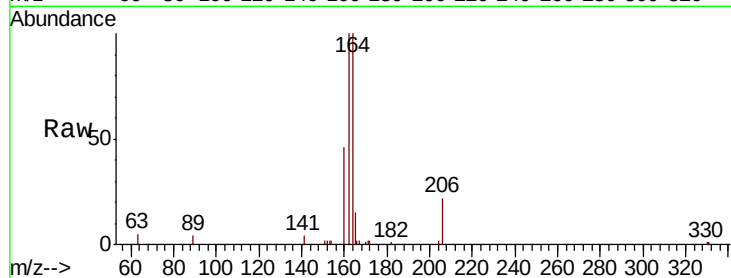
Tgt Ion:164 Resp: 6133

Ion Ratio Lower Upper

164 100

162 100.4 80.8 121.2

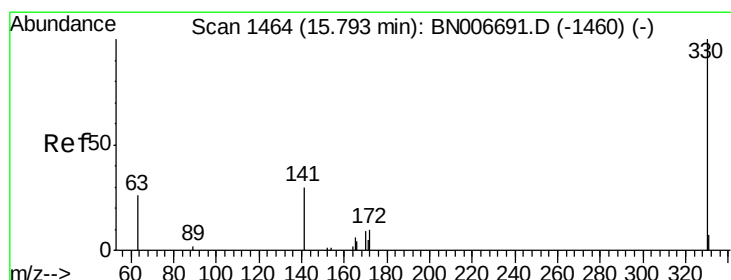
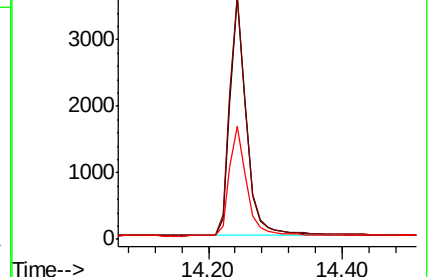
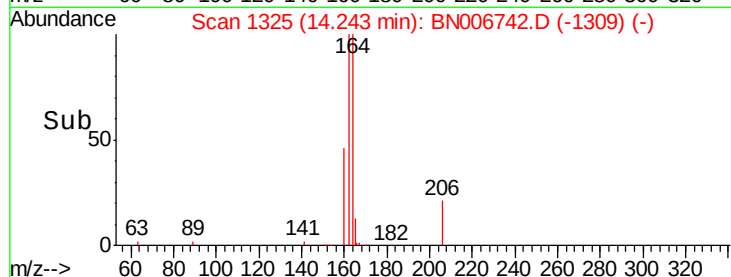
160 46.5 37.0 55.6



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

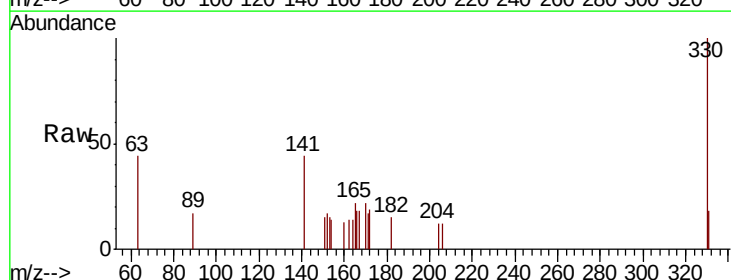
Tgt Ion:330 Resp: 1097

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

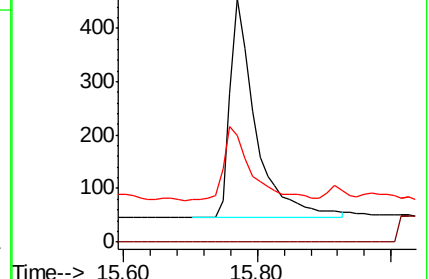
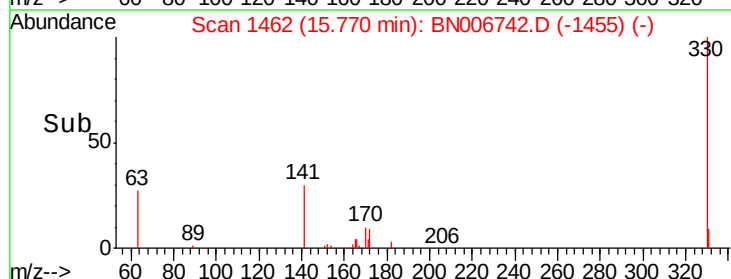
141 37.6 24.8 37.2#

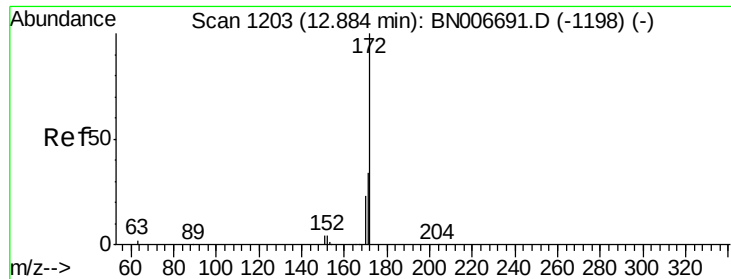


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

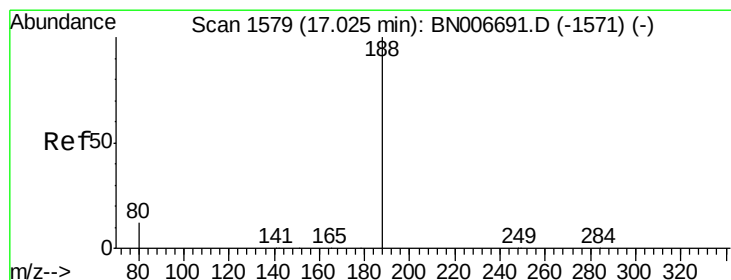
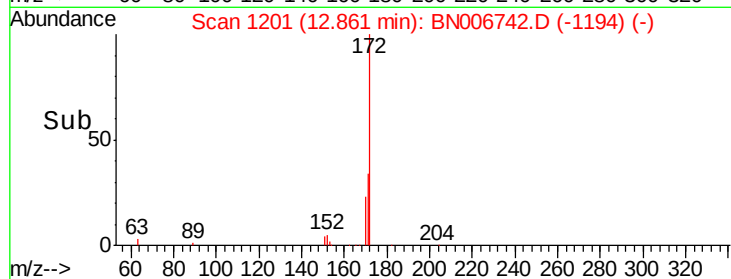
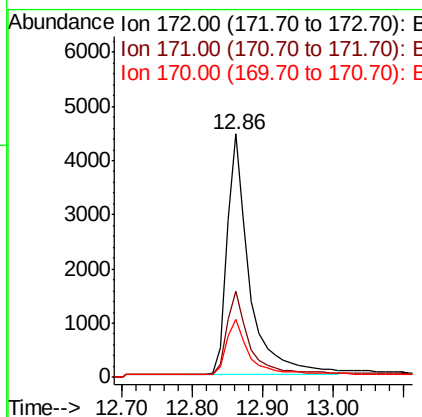
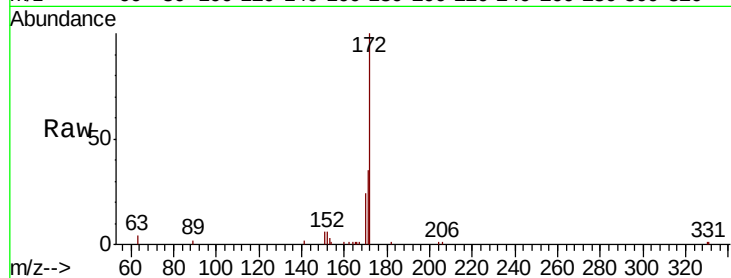




#15
2-Fluorobiphenyl
Concen: 0.414 ng
RT: 12.86 min Scan# 1201
Delta R.T. -0.02 min
Lab File: BN006742.D
Acq: 06 Jul 2019 07:02

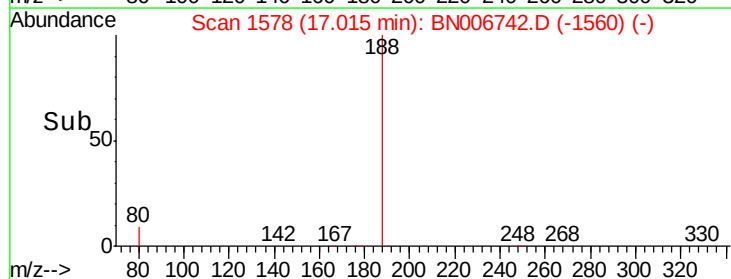
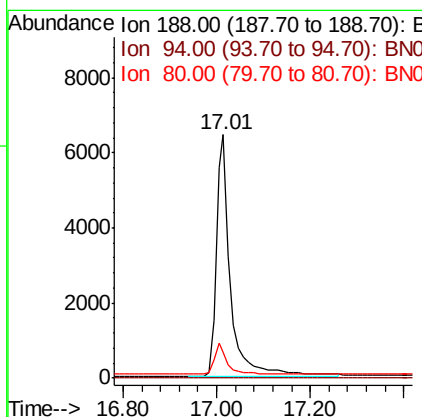
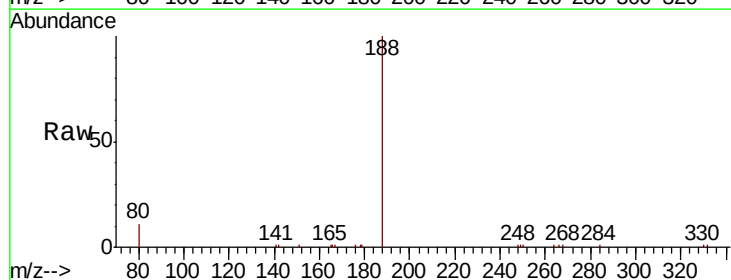
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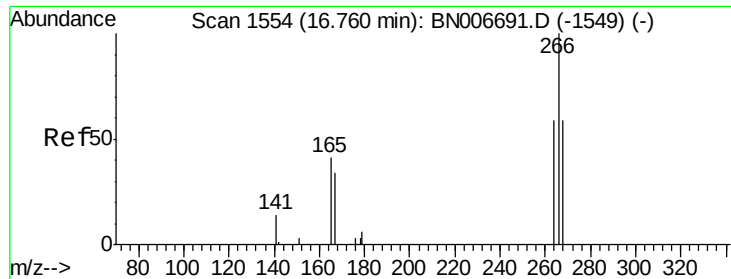
Tgt Ion:172 Resp: 9932
Ion Ratio Lower Upper
172 100
171 35.2 27.8 41.6
170 23.7 18.9 28.3



#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

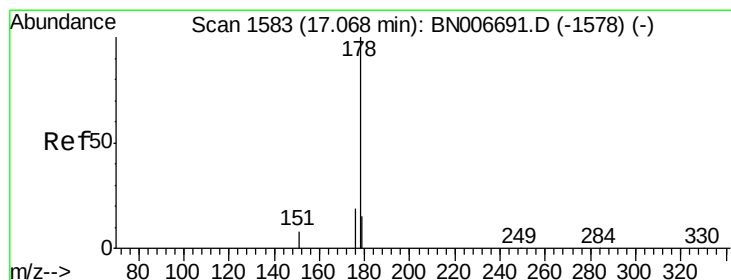
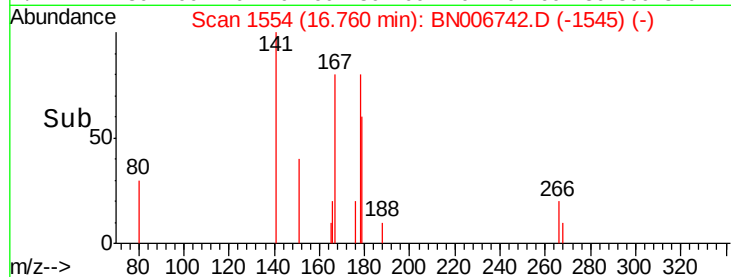
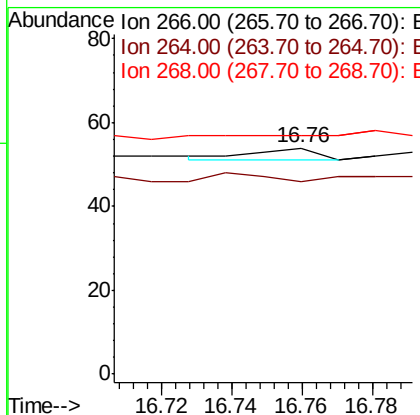
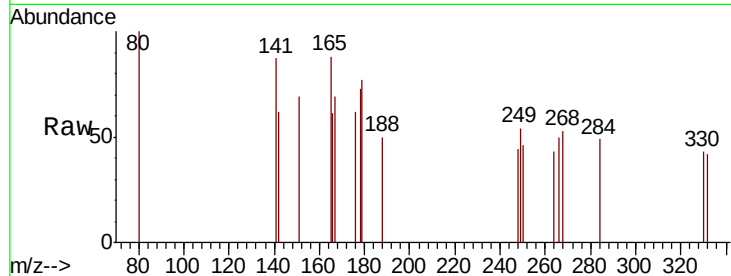




#22
 Pentachlorophenol
 Concen: 0.113 ng
 RT: 16.76 min Scan# 1554
 Delta R.T. 0.00 min
 Lab File: BN006742.D
 Acq: 06 Jul 2019 07:02

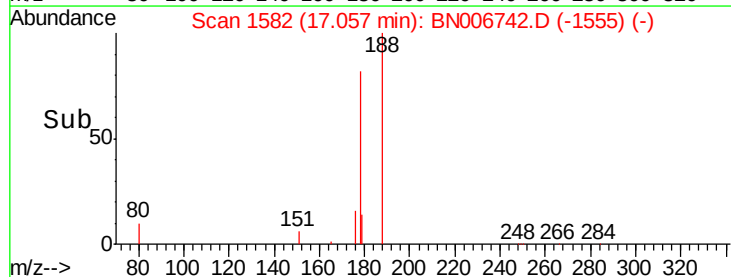
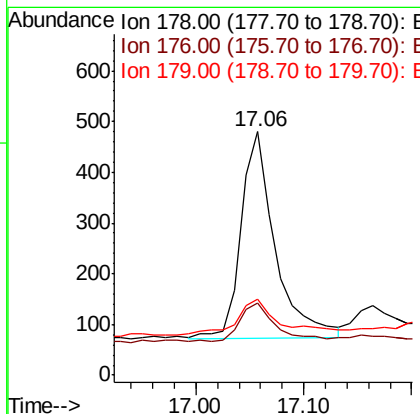
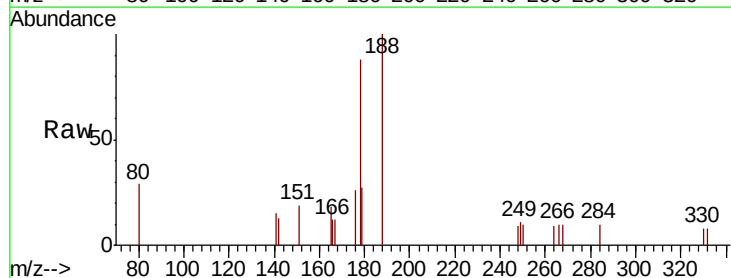
Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-MW202D-GW-20190702

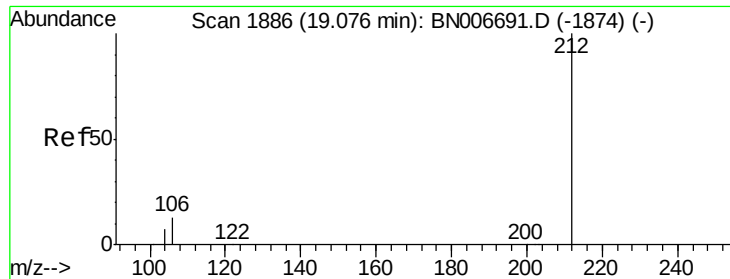
Tgt Ion	Ratio	Lower	Upper
266	100		
264	85.2	57.6	86.4
268	105.6	66.6	99.8#



#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

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.3	22.9
179	22.7	12.4	18.6#

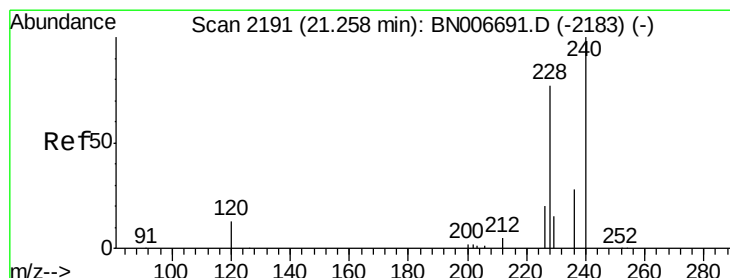
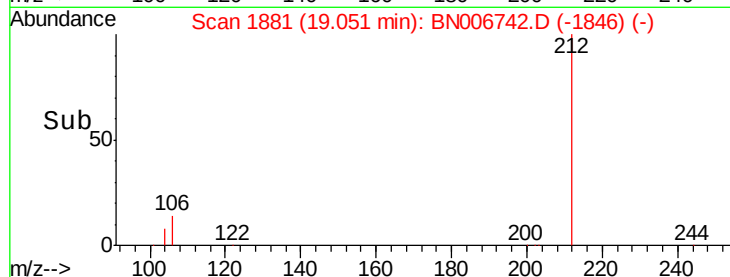
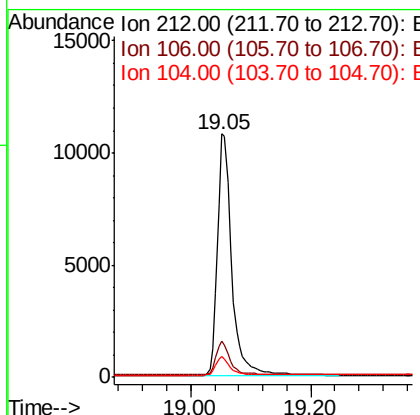
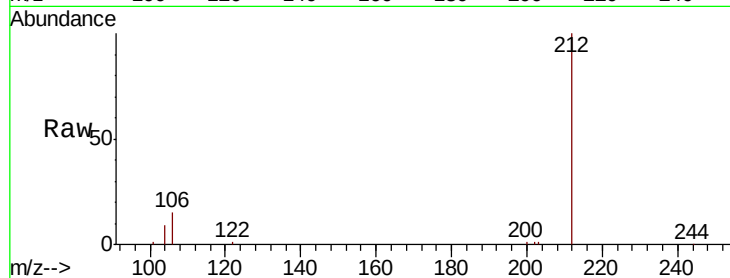




#25
Fluoranthene-d10
Concen: 0.457 ng
RT: 19.05 min Scan# 1881
Delta R.T. -0.02 min
Lab File: BN006742.D
Acq: 06 Jul 2019 07:02

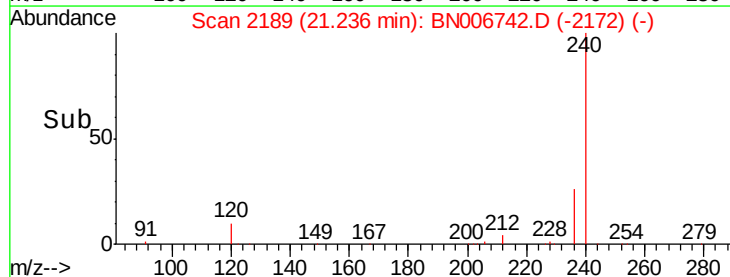
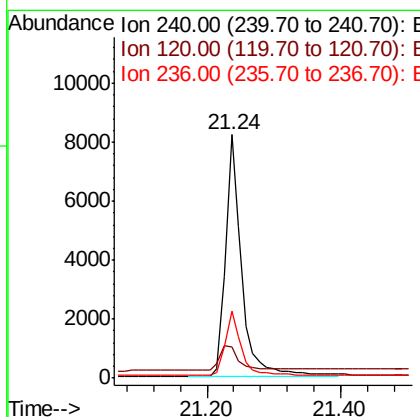
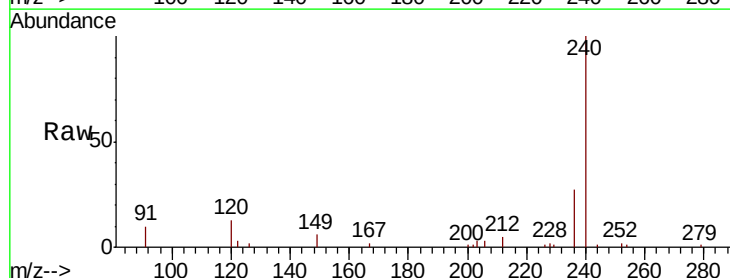
Instrument :
BNA_N
ClientSampleId :
BP-TT-MW202D-GW-20190702

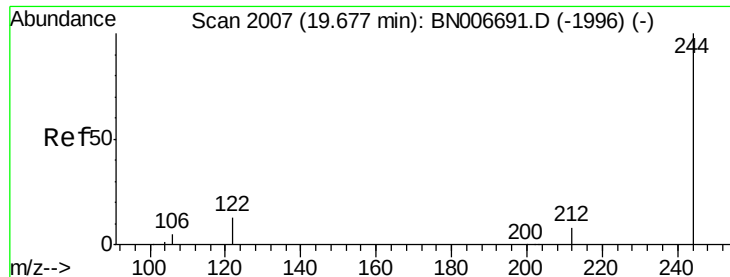
Tgt Ion:212 Resp: 18194
Ion Ratio Lower Upper
212 100
106 13.4 11.0 16.6
104 7.5 6.1 9.1



#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

Tgt 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

Instrument :

BNA_N

ClientSampleId :

BP-TT-MW202D-GW-20190702

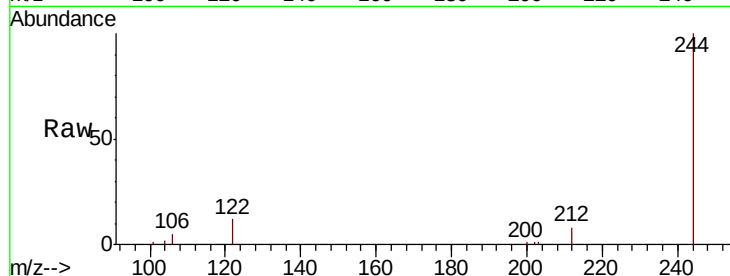
Tgt Ion:244 Resp: 19544

Ion Ratio Lower Upper

244 100

212 7.7 7.0 10.4

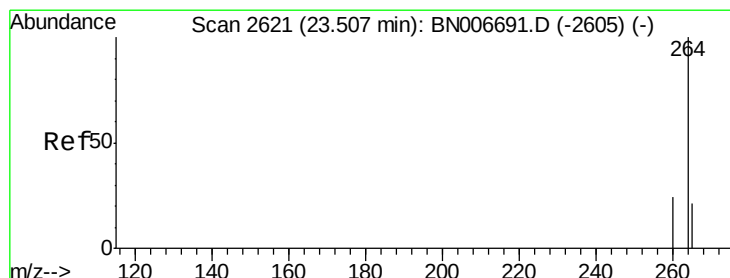
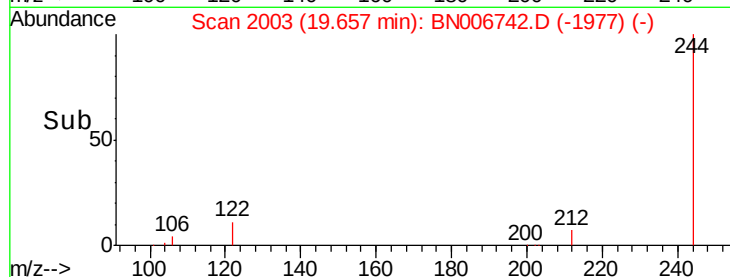
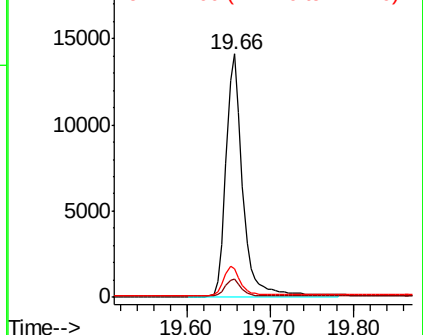
122 11.6 11.5 17.3



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



#34

Perylene-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

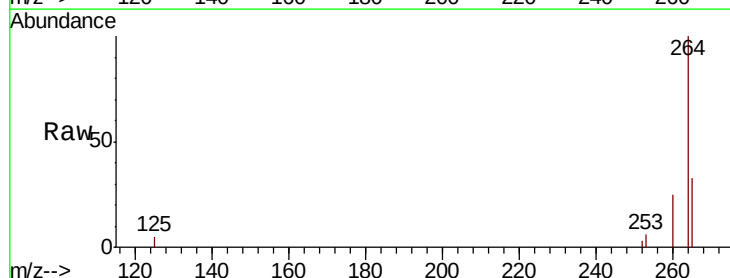
Tgt Ion:264 Resp: 15528

Ion Ratio Lower Upper

264 100

260 25.2 20.2 30.2

265 33.1 33.7 50.5#



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

