

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070119\
 Data File : BN006679.D
 Acq On : 02 Jul 2019 03:26
 Operator : HP/JU
 Sample : K3473-02DL 10X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-2DL

Quant Time: Jul 02 05:09:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 13:47:56 2019
 Response via : Initial Calibration

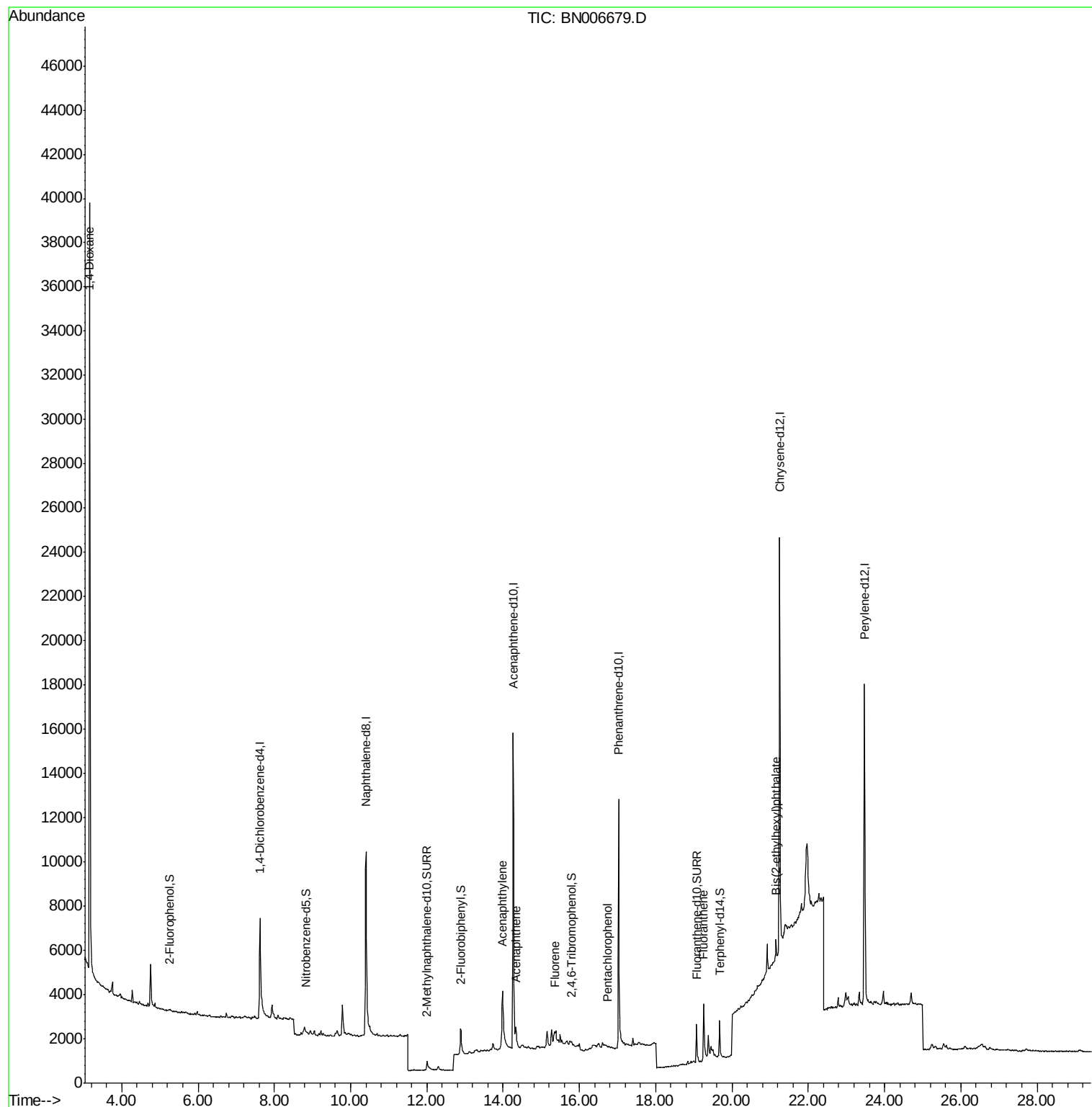
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	3781	0.40	ng	0.00
7) Naphthalene-d8	10.40	136	15888	0.40	ng	0.00
13) Acenaphthene-d10	14.27	164	8881	0.40	ng	-0.01
19) Phenanthrene-d10	17.03	188	18901	0.40	ng	-0.01
27) Chrysene-d12	21.25	240	17113	0.40	ng	-0.02
34) Perylene-d12	23.48	264	19369	0.40	ng	-0.05
System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	188	0.02	ng	0.00
5) Phenol-d6	6.87	99	120	0.01	ng	0.04
8) Nitrobenzene-d5	8.83	82	361	0.03	ng	0.04
11) 2-Methylnaphthalene-d10	12.00	152	923	0.04	ng	0.00
14) 2,4,6-Tribromophenol	15.79	330	179	0.04	ng	0.00
15) 2-Fluorobiphenyl	12.88	172	1658	0.05	ng	-0.01
25) Fluoranthene-d10	19.07	212	2110	0.04	ng	-0.01
29) Terphenyl-d14	19.68	244	1945	0.05	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.16	88	21622	4.132	ng	99
16) Acenaphthylene	13.99	152	7092	0.167	ng	98
17) Acenaphthene	14.33	154	812	0.029	ng	90
18) Fluorene	15.35	166	1008	0.029	ng	# 10
22) Pentachlorophenol	16.73	266	3	0.193	ng	# 72
26) Fluoranthene	19.26	202	2481	0.038	ng	98
32) Bis(2-ethylhexyl)phthalate	21.15	149	948	0.034	ng	# 91

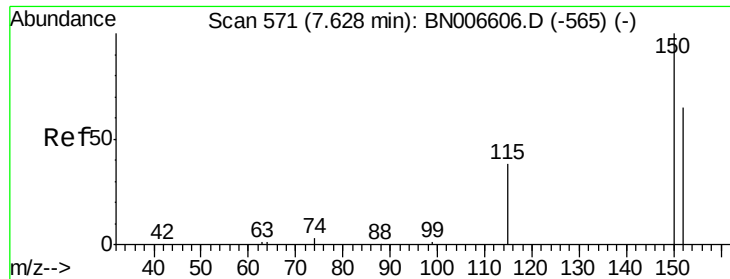
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070119\
Data File : BN006679.D
Acq On : 02 Jul 2019 03:26
Operator : HP/JU
Sample : K3473-02DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-2DL

Quant Time: Jul 02 05:09:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 13:47:56 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.62 min Scan# 570

Delta R.T. -0.01 min

Lab File: BN006679.D

Acq: 02 Jul 2019 03:26

Instrument :

BNA_M

ClientSampleId :

MW-2DL

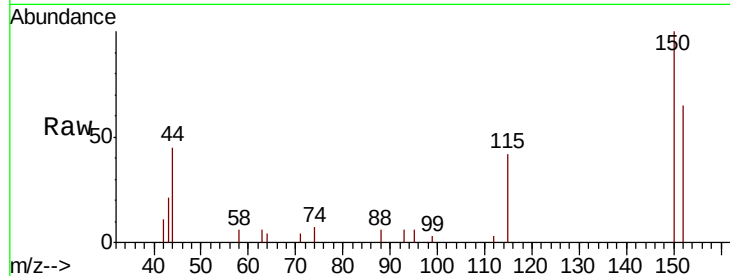
Tgt Ion: 152 Resp: 3781

Ion Ratio Lower Upper

152 100

150 154.1 122.2 183.2

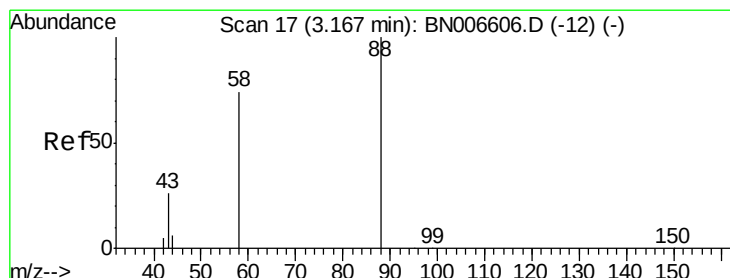
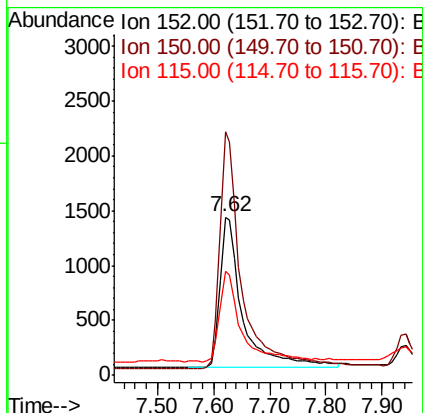
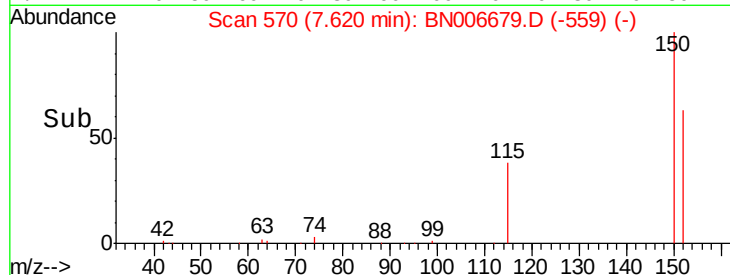
115 65.5 50.0 75.0



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: 4.132 ng

RT: 3.16 min Scan# 16

Delta R.T. -0.01 min

Lab File: BN006679.D

Acq: 02 Jul 2019 03:26

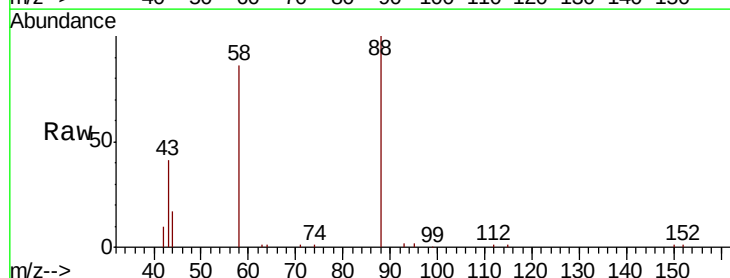
Tgt Ion: 88 Resp: 21622

Ion Ratio Lower Upper

88 100

58 78.9 62.5 93.7

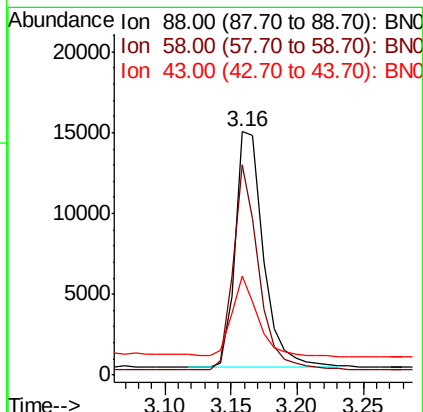
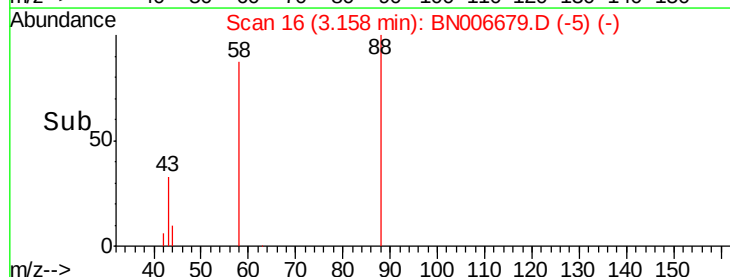
43 31.3 25.4 38.0

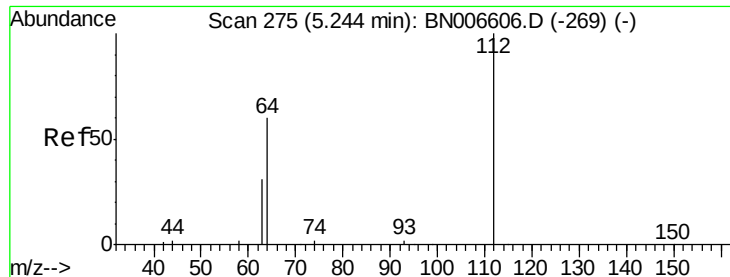


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#4

2-Fluorophenol

Concen: 0.020 ng

RT: 5.25 min Scan# 276

Delta R.T. 0.01 min

Lab File: BN006679.D

Acq: 02 Jul 2019 03:26

Instrument :

BNA_M

ClientSampleId :

MW-2DL

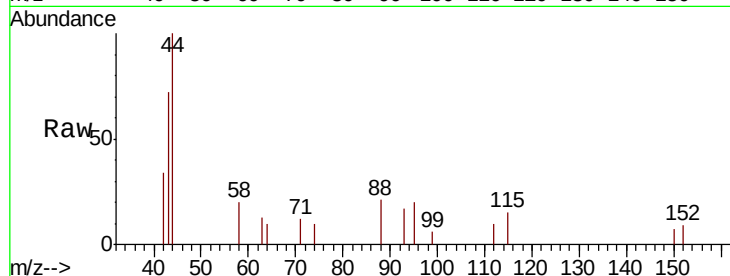
Tgt Ion: 112 Resp: 188

Ion Ratio Lower Upper

112 100

64 56.9 48.9 73.3

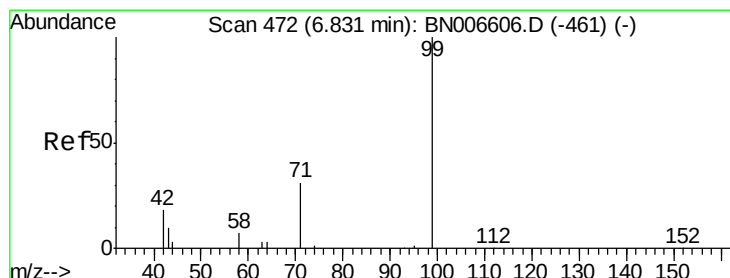
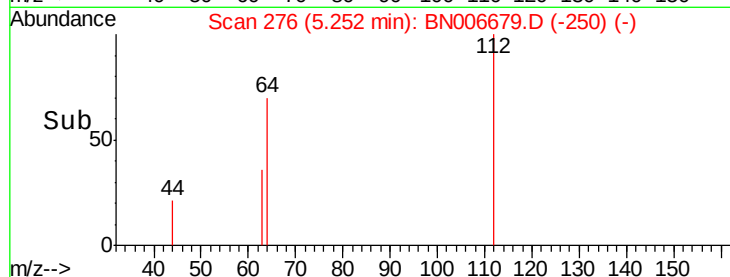
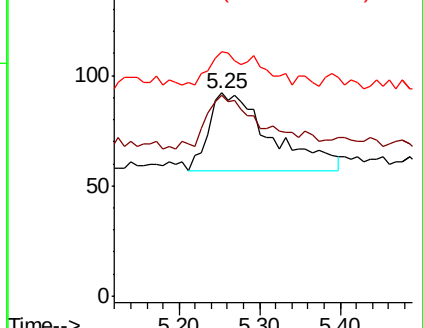
63 18.6 24.3 36.5#



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: 0.010 ng

RT: 6.87 min Scan# 477

Delta R.T. 0.04 min

Lab File: BN006679.D

Acq: 02 Jul 2019 03:26

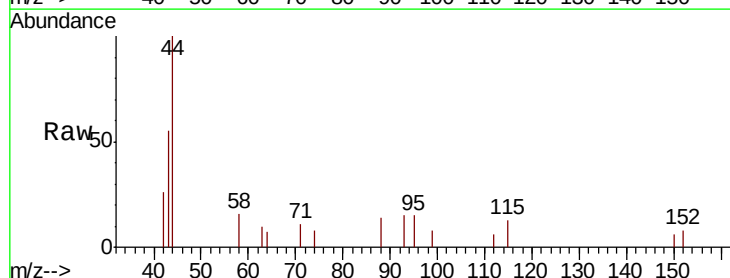
Tgt Ion: 99 Resp: 120

Ion Ratio Lower Upper

99 100

42 0.0 16.4 24.6#

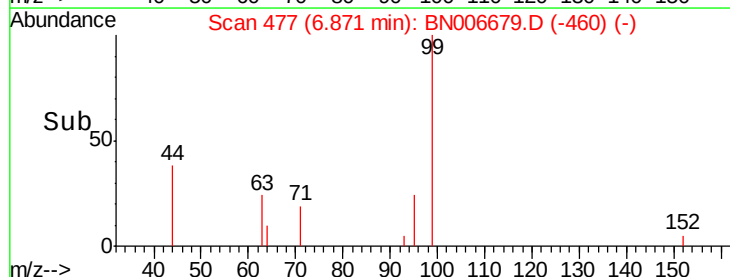
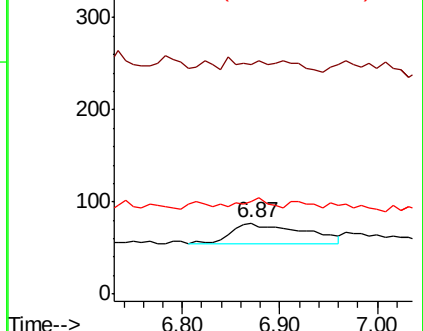
71 16.7 26.6 40.0#

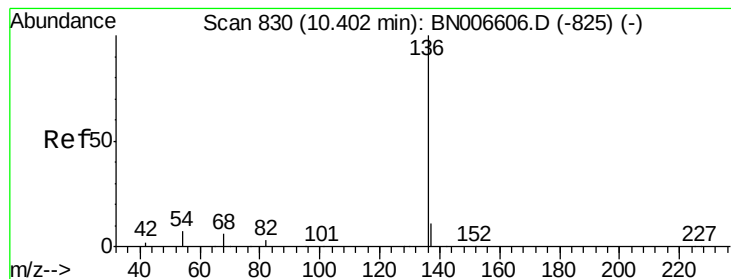


Abundance Ion 99.00 (98.70 to 99.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 71.00 (70.70 to 71.70): BN0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.40 min Scan# 830

Delta R.T. -0.00 min

Lab File: BN006679.D

Acq: 02 Jul 2019 03:26

Instrument :

BNA_M

ClientSampleId :

MW-2DL

Tgt Ion:136 Resp: 15888

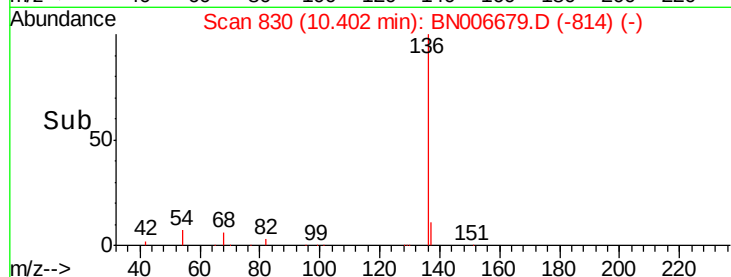
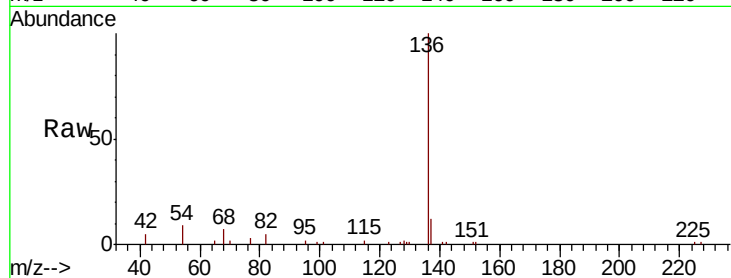
Ion Ratio Lower Upper

136 100

137 11.8 9.3 13.9

54 8.6 6.7 10.1

68 7.1 5.3 7.9

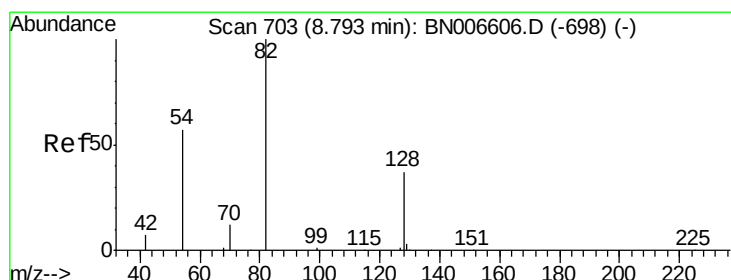
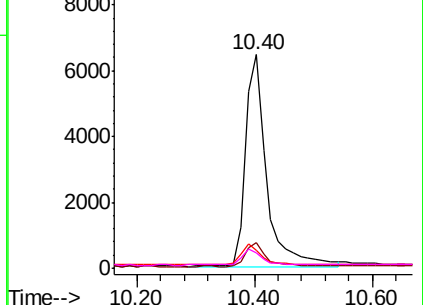


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.034 ng

RT: 8.83 min Scan# 706

Delta R.T. 0.04 min

Lab File: BN006679.D

Acq: 02 Jul 2019 03:26

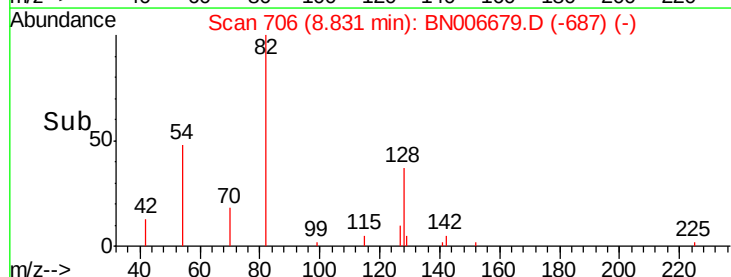
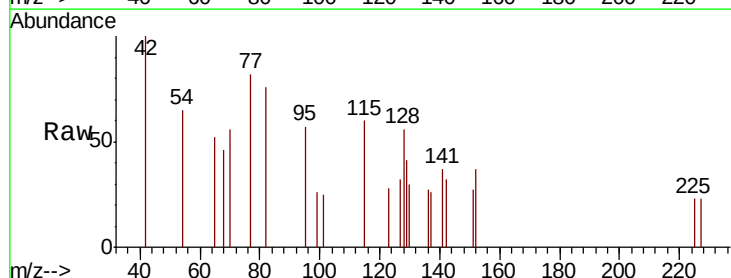
Tgt Ion: 82 Resp: 361

Ion Ratio Lower Upper

82 100

128 73.5 32.6 49.0#

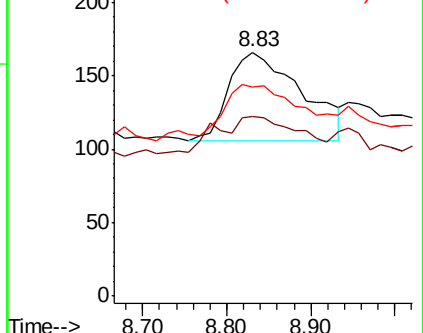
54 85.5 48.2 72.4#

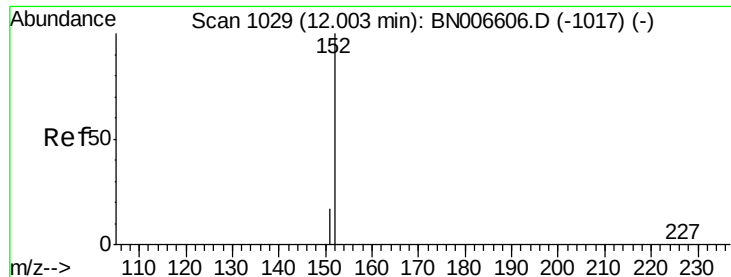


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

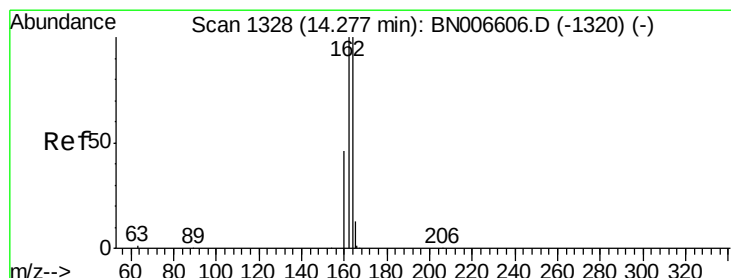
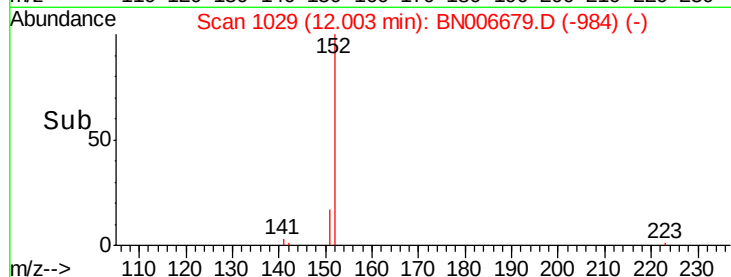
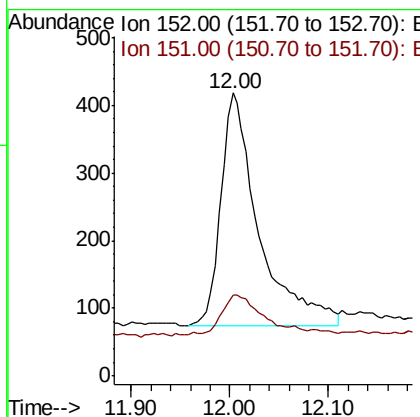
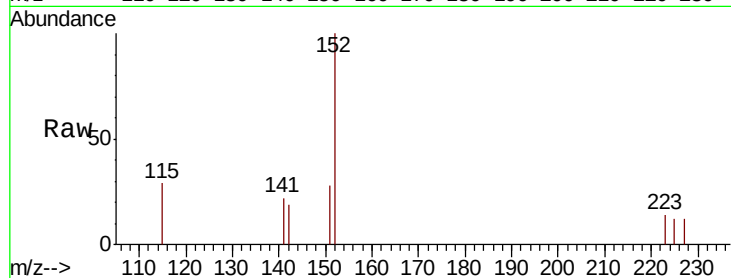




#11
2-Methylnaphthalene-d10
Concen: 0.037 ng
RT: 12.00 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BN006679.D
Acq: 02 Jul 2019 03:26

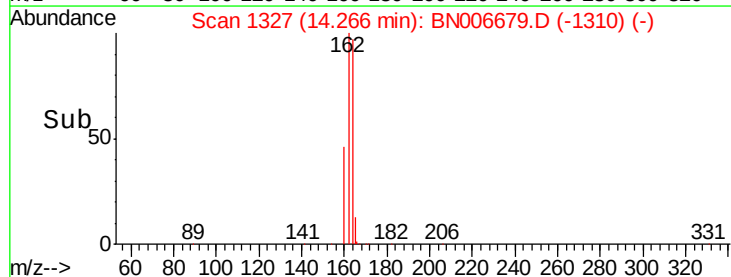
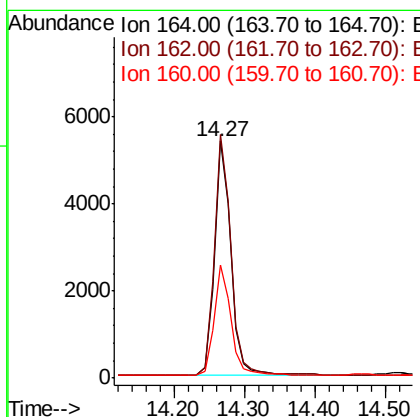
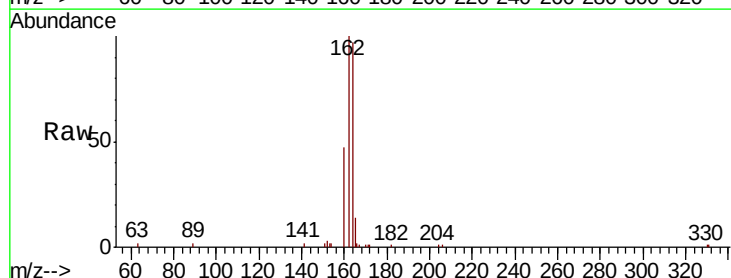
Instrument :
BNA_M
ClientSampleId :
MW-2DL

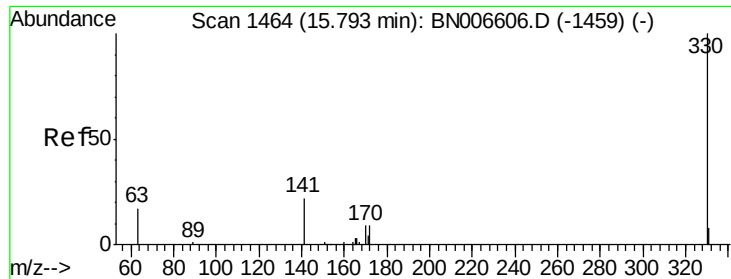
Tgt Ion:152 Resp: 923
Ion Ratio Lower Upper
152 100
151 17.4 15.0 22.4



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.27 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BN006679.D
Acq: 02 Jul 2019 03:26

Tgt Ion:164 Resp: 8881
Ion Ratio Lower Upper
164 100
162 102.8 80.0 120.0
160 47.8 37.0 55.4

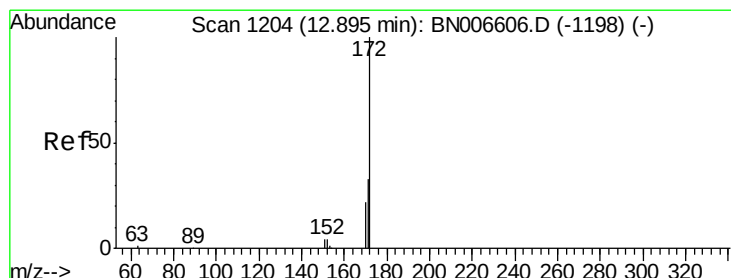
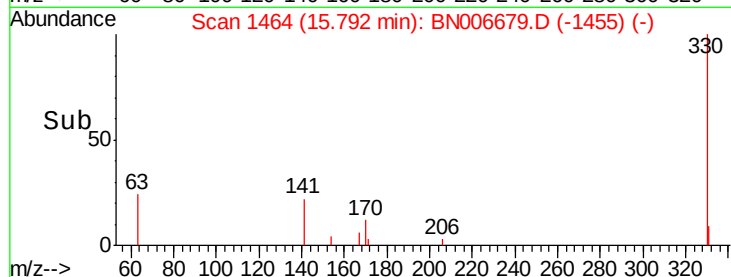
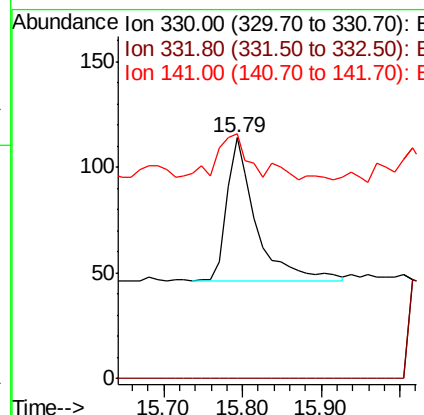
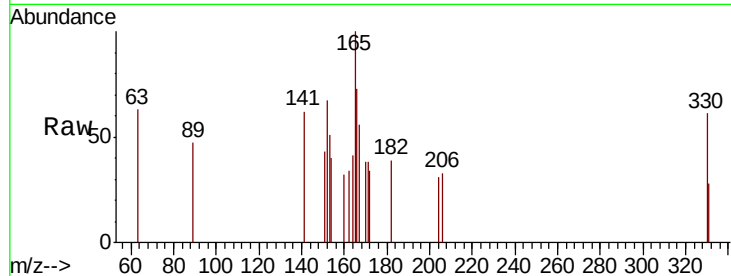




#14
 2,4,6-Tribromophenol
 Concen: 0.043 ng
 RT: 15.79 min Scan# 1464
 Delta R.T. -0.00 min
 Lab File: BN006679.D
 Acq: 02 Jul 2019 03:26

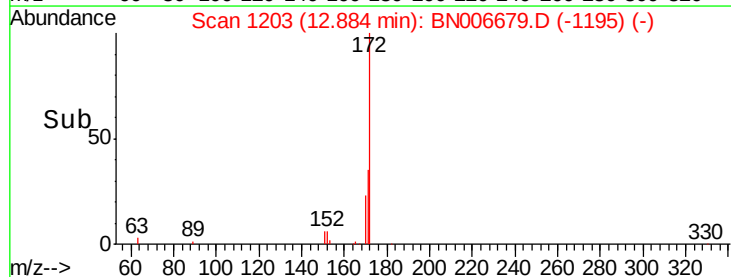
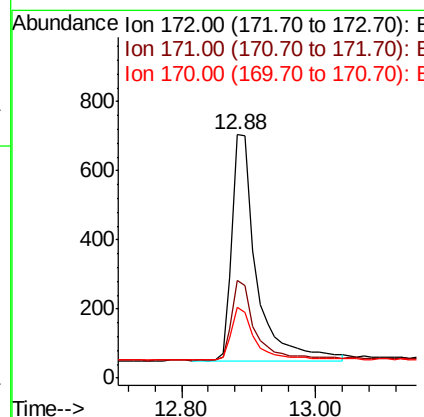
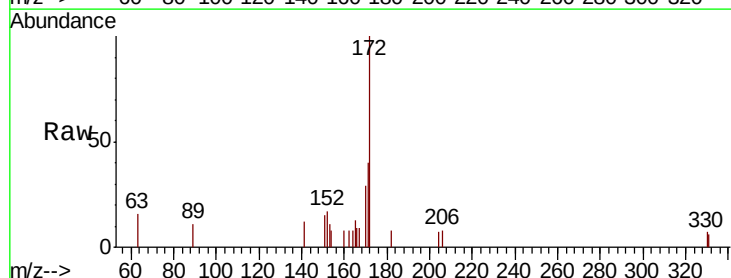
Instrument :
 BNA_M
 ClientSampleId :
 MW-2DL

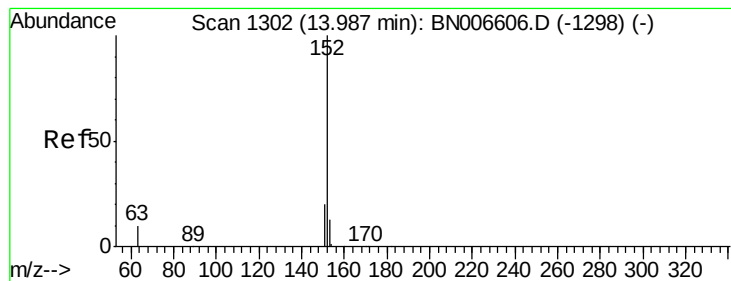
Tgt Ion: 330 Resp: 179
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 31.3 26.5 39.7



#15
 2-Fluorobiphenyl
 Concen: 0.050 ng
 RT: 12.88 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BN006679.D
 Acq: 02 Jul 2019 03:26

Tgt Ion: 172 Resp: 1658
 Ion Ratio Lower Upper
 172 100
 171 40.3 27.0 40.4
 170 29.2 17.7 26.5#





#16

Acenaphthylene

Concen: 0.167 ng

RT: 13.99 min Scan# 1302

Delta R.T. -0.00 min

Lab File: BN006679.D

Acq: 02 Jul 2019 03:26

Instrument :

BNA_M

ClientSampled :

MW-2DL

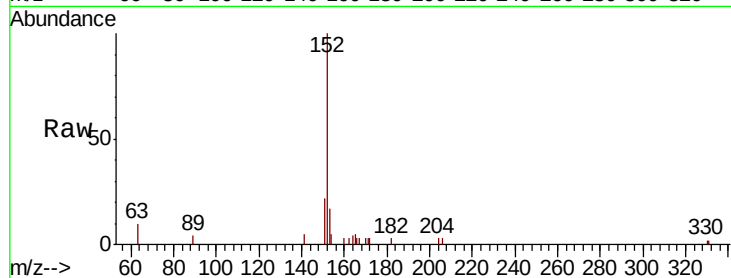
Tgt Ion:152 Resp: 7092

Ion Ratio Lower Upper

152 100

151 19.6 15.6 23.4

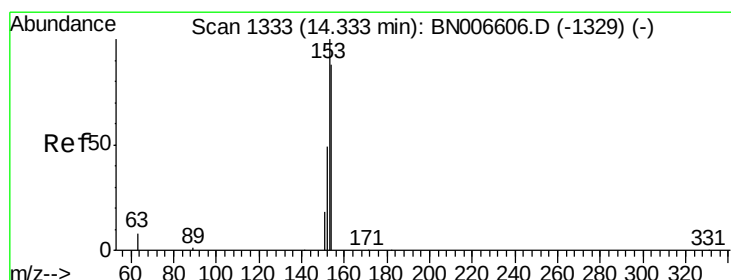
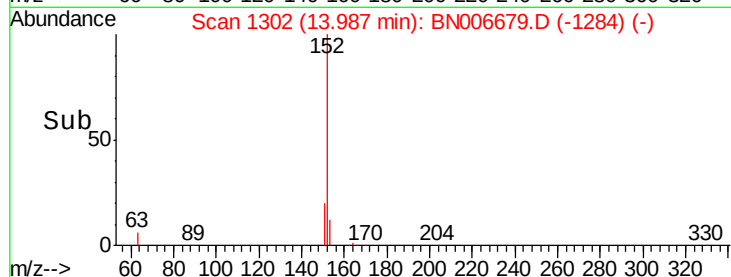
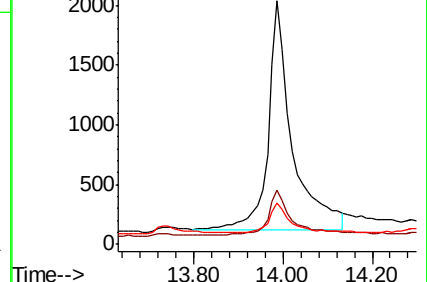
153 11.0 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#17

Acenaphthene

Concen: 0.029 ng

RT: 14.33 min Scan# 1333

Delta R.T. -0.00 min

Lab File: BN006679.D

Acq: 02 Jul 2019 03:26

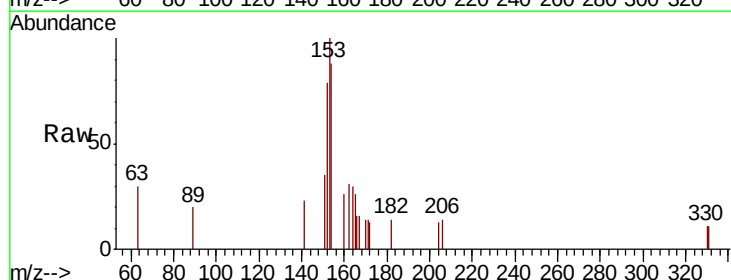
Tgt Ion:154 Resp: 812

Ion Ratio Lower Upper

154 100

153 102.0 90.2 135.4

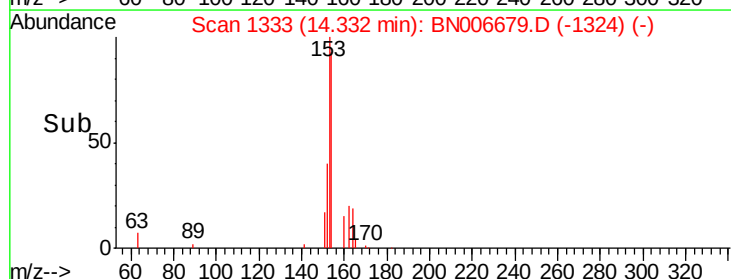
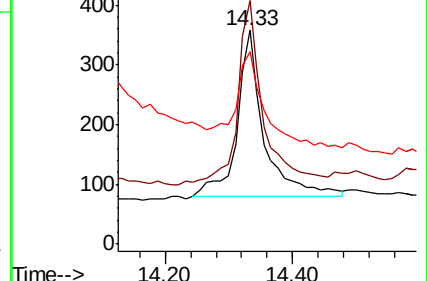
152 62.1 44.2 66.4

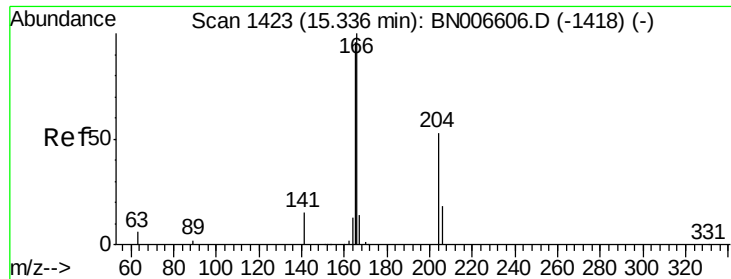


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

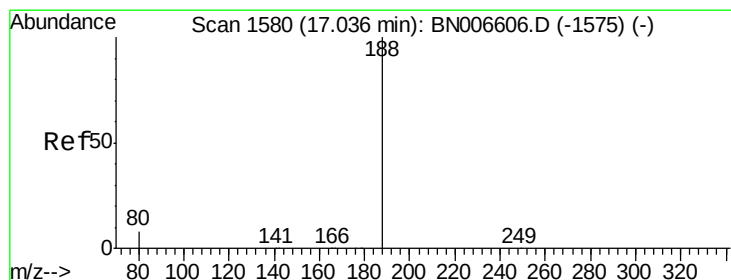
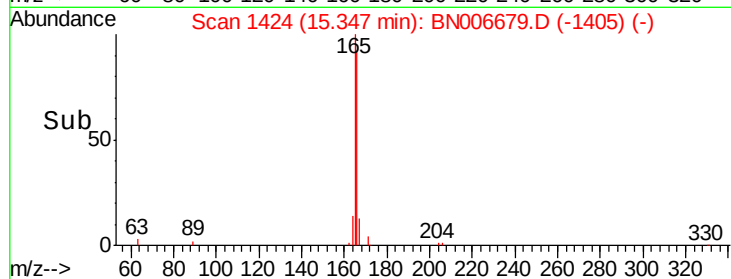
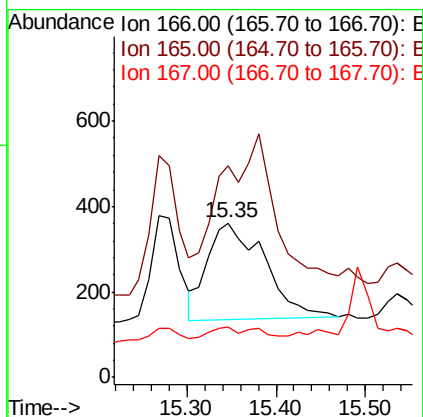
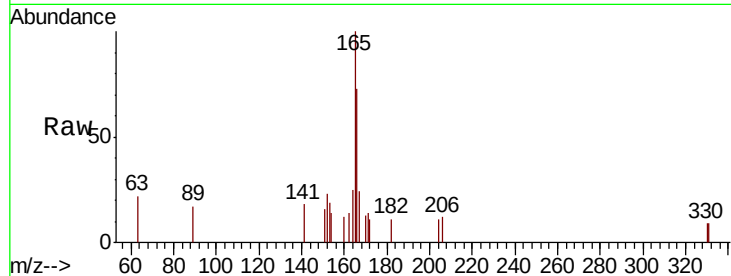




#18
 Fluorene
 Concen: 0.029 ng
 RT: 15.35 min Scan# 1424
 Delta R.T. 0.01 min
 Lab File: BN006679.D
 Acq: 02 Jul 2019 03:26

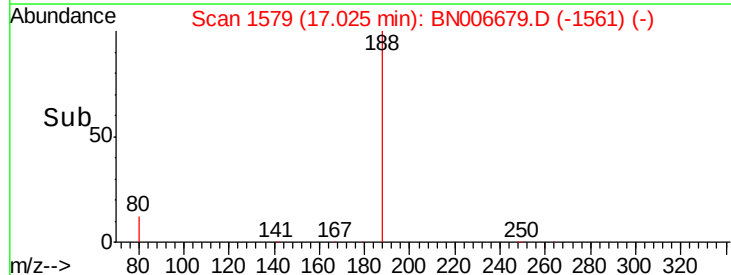
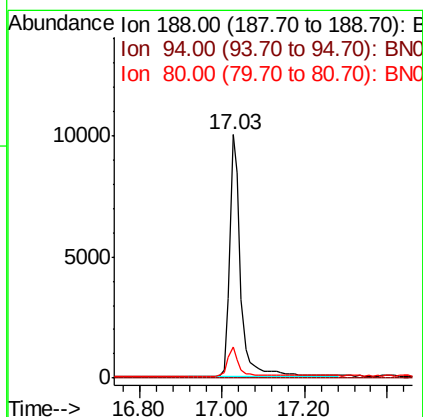
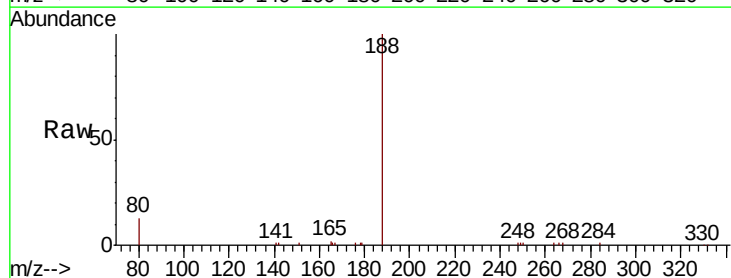
Instrument :
 BNA_M
 ClientSampleId :
 MW-2DL

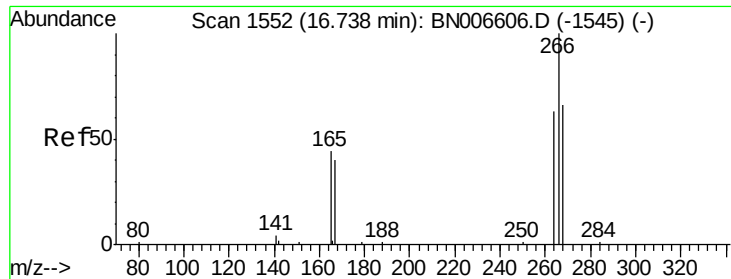
Tgt Ion:166 Resp: 1008
 Ion Ratio Lower Upper
 166 100
 165 0.0 78.4 117.6#
 167 5.6 10.8 16.2#



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.03 min Scan# 1579
 Delta R.T. -0.01 min
 Lab File: BN006679.D
 Acq: 02 Jul 2019 03:26

Tgt Ion:188 Resp: 18901
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 13.0 7.1 10.7#

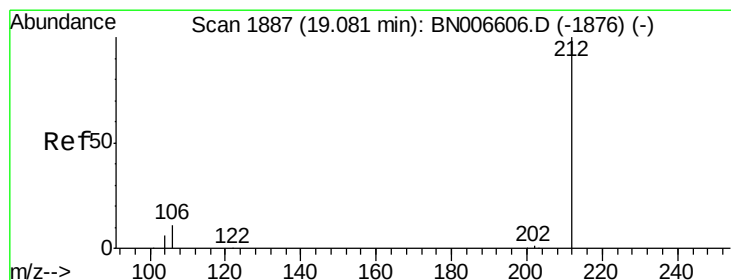
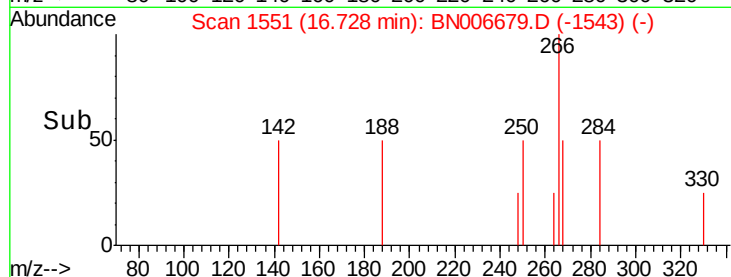
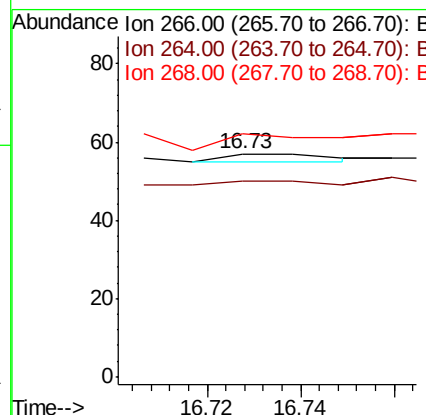
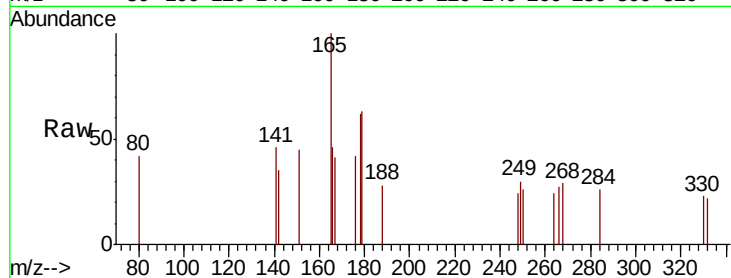




#22
 Pentachlorophenol
 Concen: 0.193 ng
 RT: 16.73 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BN006679.D
 Acq: 02 Jul 2019 03:26

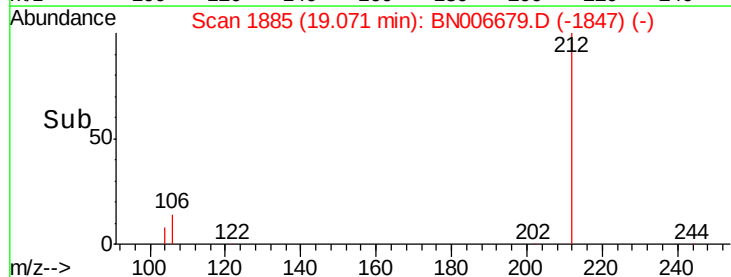
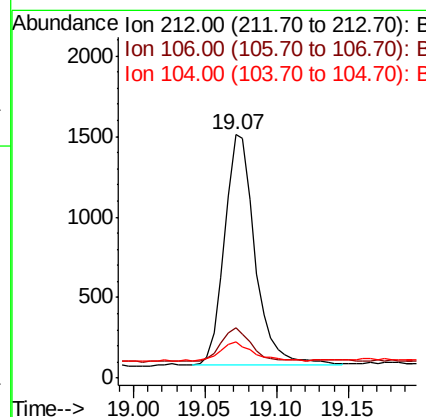
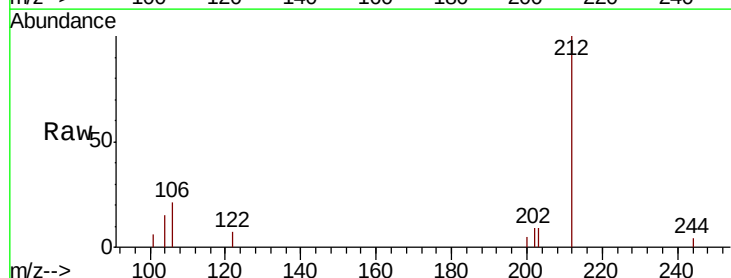
Instrument :
 BNA_M
 ClientSampleId :
 MW-2DL

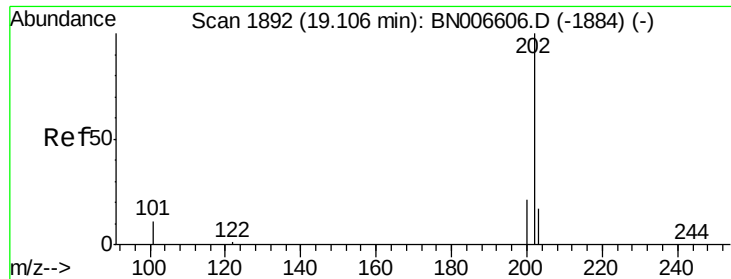
Tgt Ion:266 Resp: 3
 Ion Ratio Lower Upper
 266 100
 264 87.7 56.2 84.4#
 268 108.8 63.0 94.4#



#25
 Fluoranthene-d10
 Concen: 0.038 ng
 RT: 19.07 min Scan# 1885
 Delta R.T. -0.01 min
 Lab File: BN006679.D
 Acq: 02 Jul 2019 03:26

Tgt Ion:212 Resp: 2110
 Ion Ratio Lower Upper
 212 100
 106 13.9 10.6 15.8
 104 9.0 5.8 8.6#

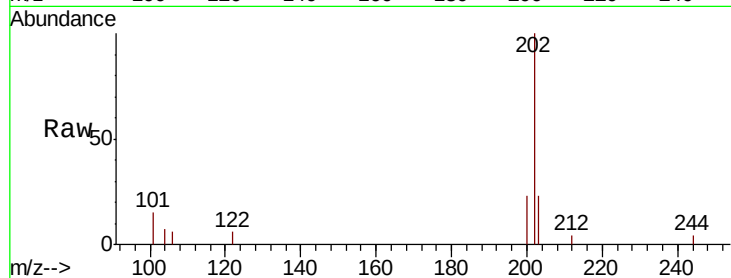




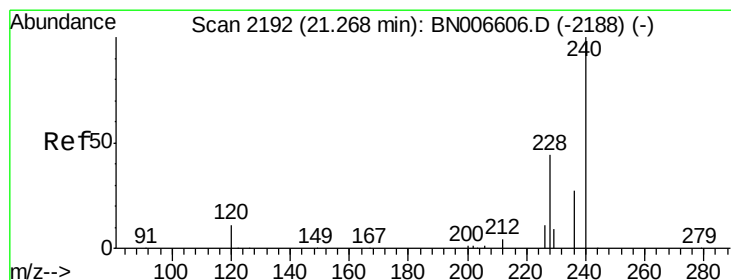
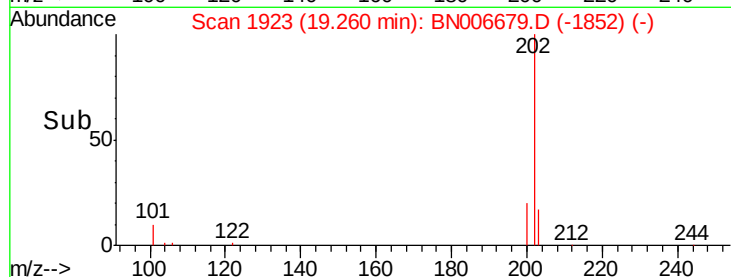
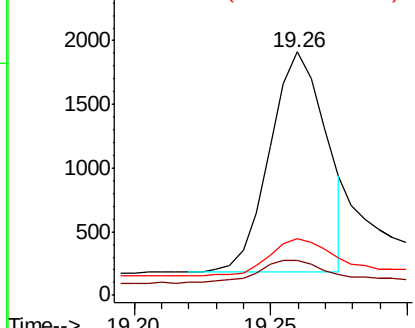
#26
Fluoranthene
Concen: 0.038 ng
RT: 19.26 min Scan# 1923
Delta R.T. 0.15 min
Lab File: BN006679.D
Acq: 02 Jul 2019 03:26

Instrument :
BNA_M
ClientSampled :
MW-2DL

Tgt Ion:202 Resp: 2481
Ion Ratio Lower Upper
202 100
101 12.3 8.9 13.3
203 17.4 13.6 20.4

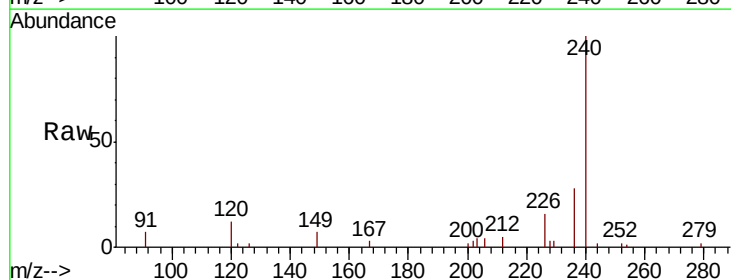


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

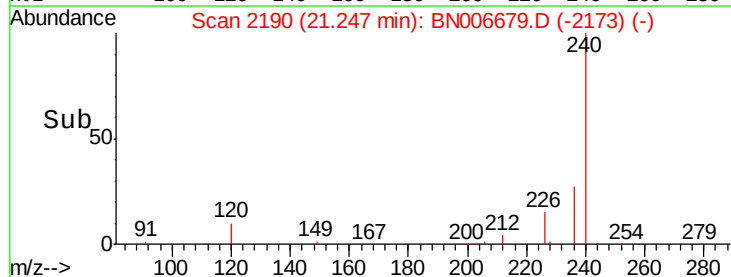
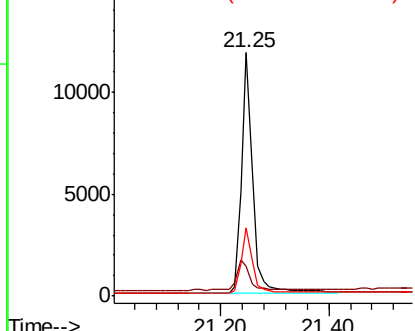


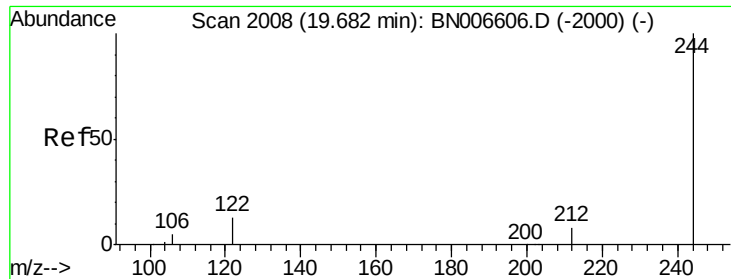
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 2190
Delta R.T. -0.02 min
Lab File: BN006679.D
Acq: 02 Jul 2019 03:26

Tgt Ion:240 Resp: 17113
Ion Ratio Lower Upper
240 100
120 12.1 9.9 14.9
236 28.3 22.2 33.4



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





#29

Terphenyl-d14

Concen: 0.054 ng

RT: 19.68 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BN006679.D

Acq: 02 Jul 2019 03:26

Instrument :

BNA_M

ClientSampleId :

MW-2DL

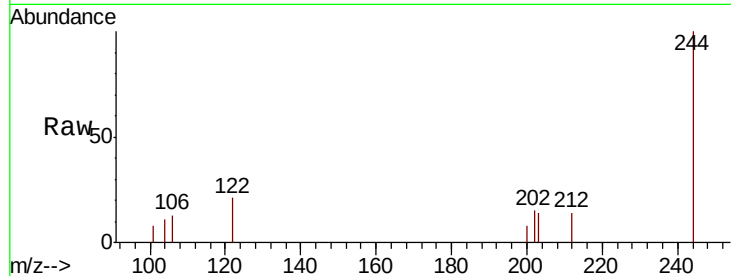
Tgt Ion:244 Resp: 1945

Ion Ratio Lower Upper

244 100

212 14.0 6.7 10.1#

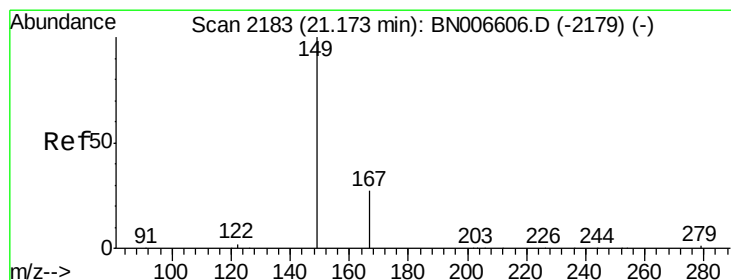
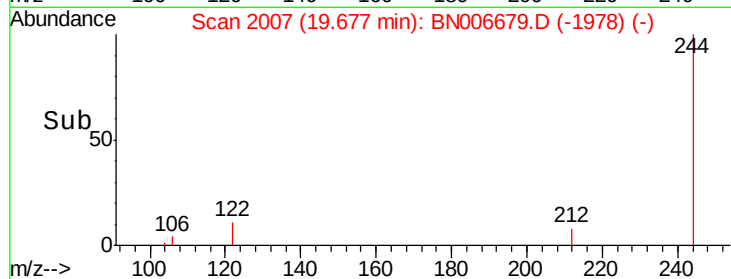
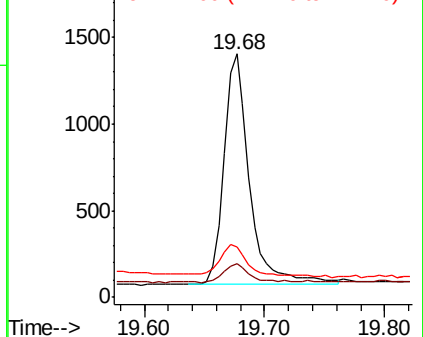
122 20.6 11.0 16.6#



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.034 ng

RT: 21.15 min Scan# 2181

Delta R.T. -0.02 min

Lab File: BN006679.D

Acq: 02 Jul 2019 03:26

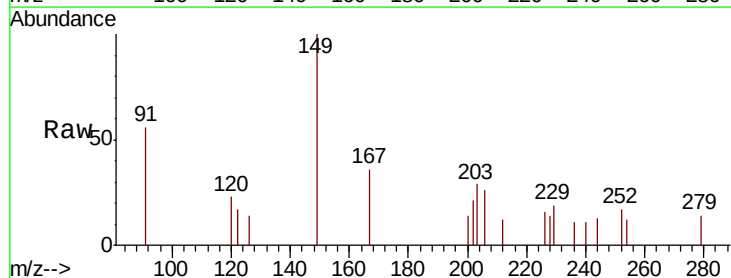
Tgt Ion:149 Resp: 948

Ion Ratio Lower Upper

149 100

167 32.8 22.9 34.3

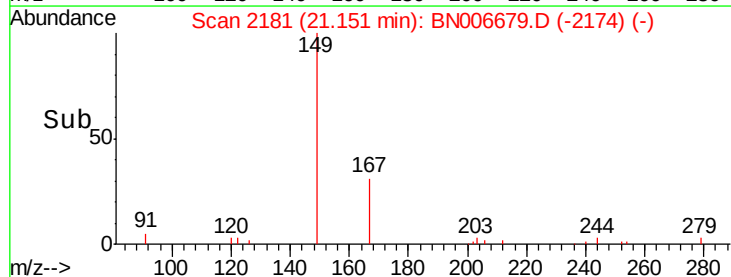
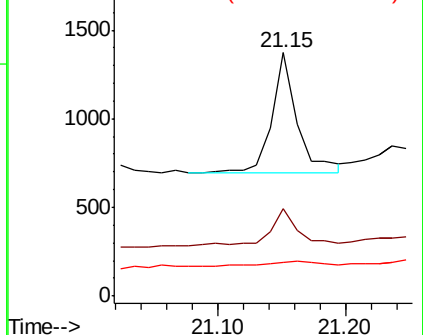
279 9.3 3.3 4.9#

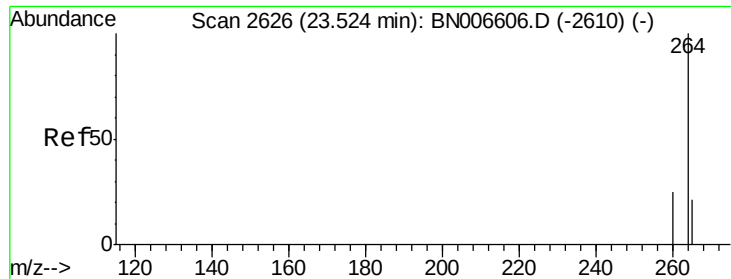


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Perylene-d12

Concen: 0.400 ng

RT: 23.48 min Scan# 2612

Delta R.T. -0.05 min

Lab File: BN006679.D

Acq: 02 Jul 2019 03:26

Instrument :

BNA_M

ClientSampleId :

MW-2DL

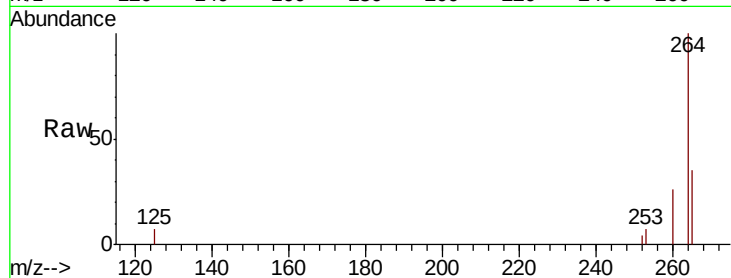
Tgt Ion: 264 Resp: 19369

Ion Ratio Lower Upper

264 100

260 26.0 20.2 30.2

265 35.3 23.3 34.9#



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

