

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070519\
 Data File : BN006739.D
 Acq On : 06 Jul 2019 05:17
 Operator : HP/JU
 Sample : K3638-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MWHR2-6-070119

Quant Time: Jul 06 06:29:37 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

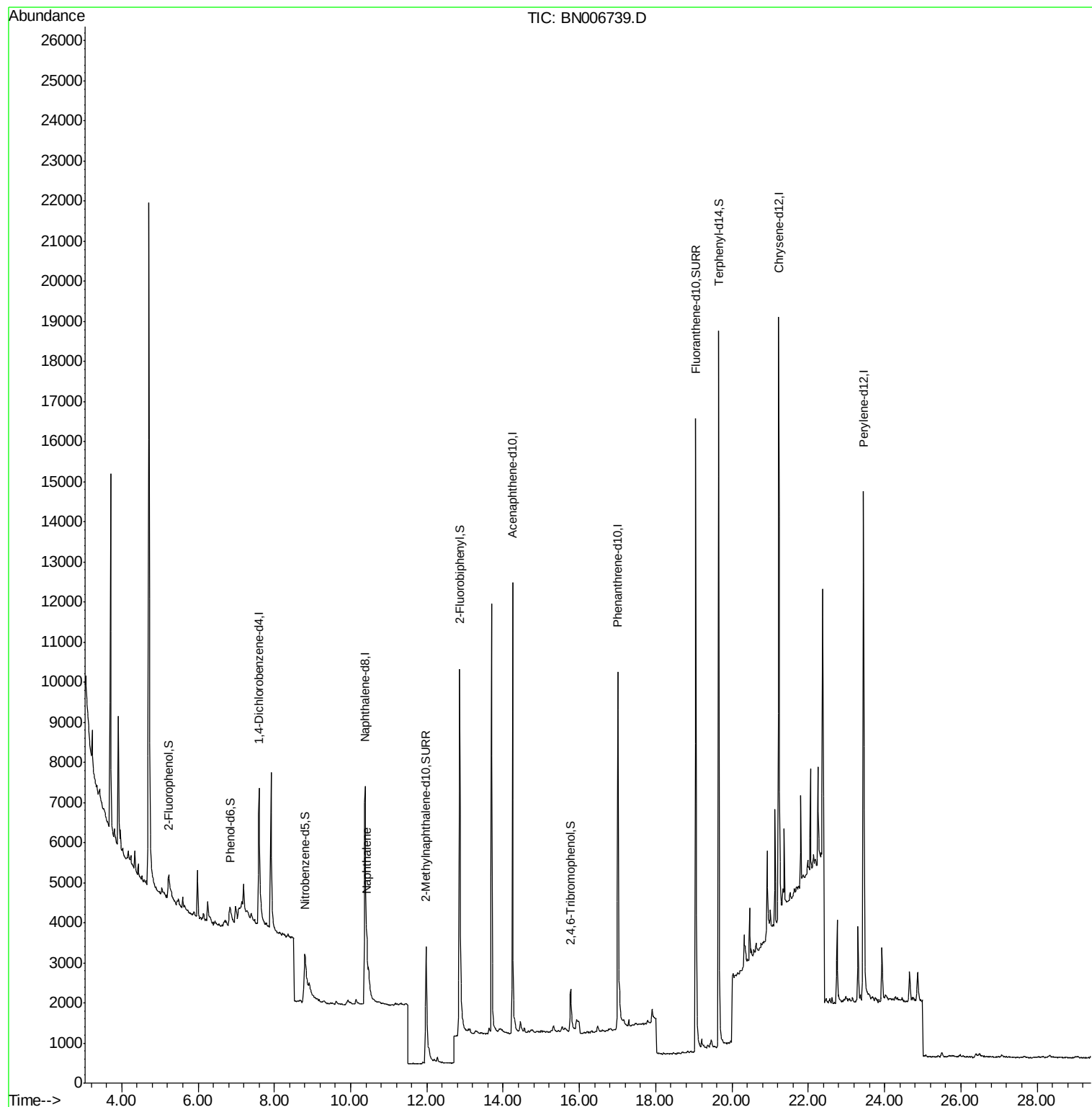
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	2974	0.40	ng	-0.02
7) Naphthalene-d8	10.38	136	11648	0.40	ng	-0.01
13) Acenaphthene-d10	14.24	164	7070	0.40	ng	-0.02
19) Phenanthrene-d10	17.00	188	16407	0.40	ng	-0.02
27) Chrysene-d12	21.23	240	16373	0.40	ng	-0.03
34) Perylene-d12	23.45	264	18756	0.40	ng	-0.06
System Monitoring Compounds						
4) 2-Fluorophenol	5.23	112	1390	0.17	ng	0.00
5) Phenol-d6	6.83	99	1076	0.11	ng	0.00
8) Nitrobenzene-d5	8.79	82	2993	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	11.98	152	7017	0.40	ng	-0.02
14) 2,4,6-Tribromophenol	15.77	330	1284	0.37	ng	-0.02
15) 2-Fluorobiphenyl	12.86	172	11358	0.41	ng	-0.02
25) Fluoranthene-d10	19.05	212	20249	0.43	ng	-0.02
29) Terphenyl-d14	19.65	244	18947	0.50	ng	-0.02
Target Compounds						
9) Naphthalene	10.43	128	2029	0.064	ng	Qvalue # 83

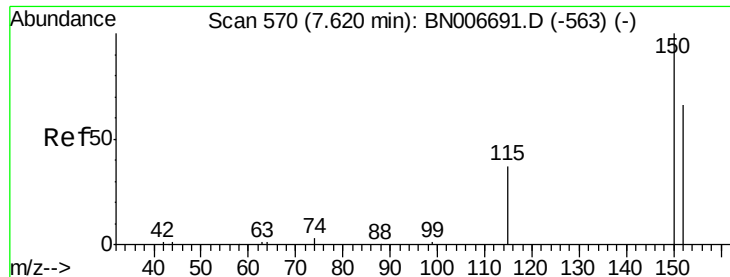
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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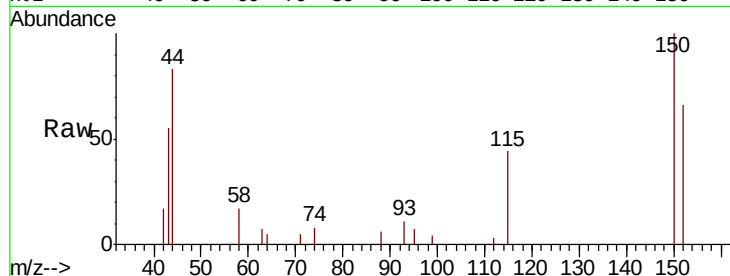


#1

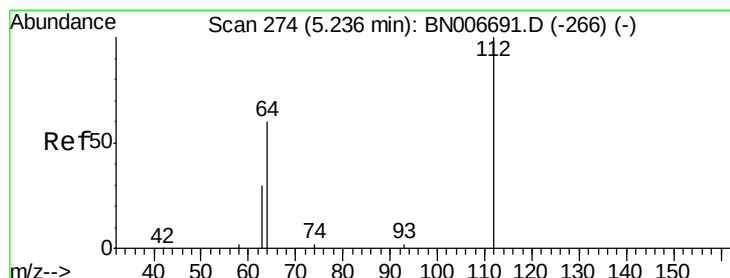
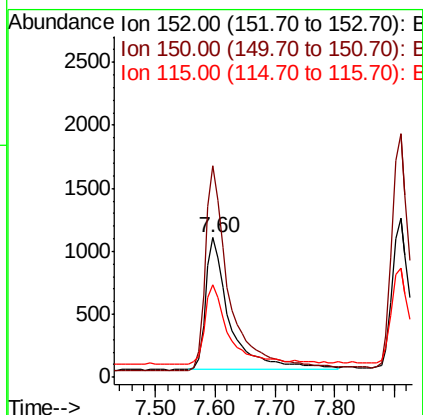
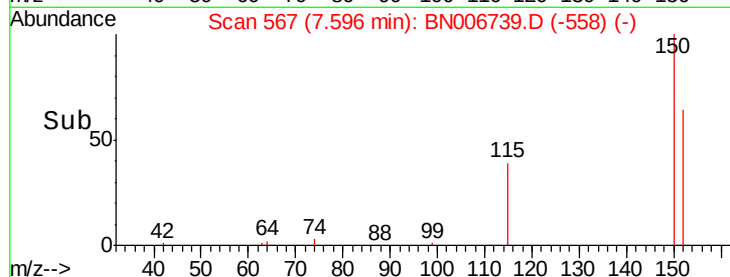
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.60 min Scan# 567
Delta R.T. -0.02 min
Lab File: BN006739.D
Acq: 06 Jul 2019 05:17

Instrument :
BNA_N
ClientSampleId :
MWHR2-6-070119

Tot Ion:152 Resp: 2974
Ion Ratio Lower Upper
152 100
150 151.9 120.6 181.0
115 66.8 51.0 76.6



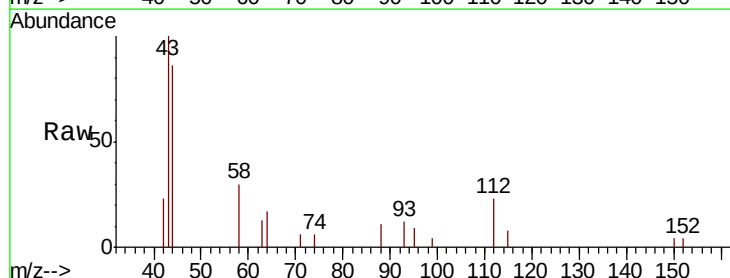
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



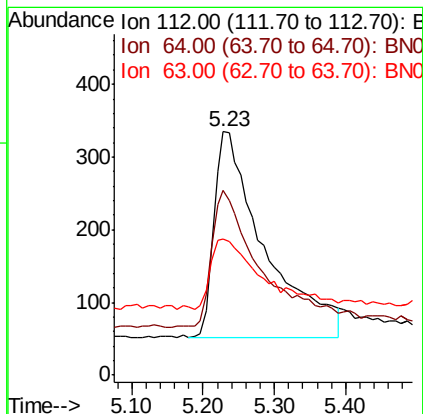
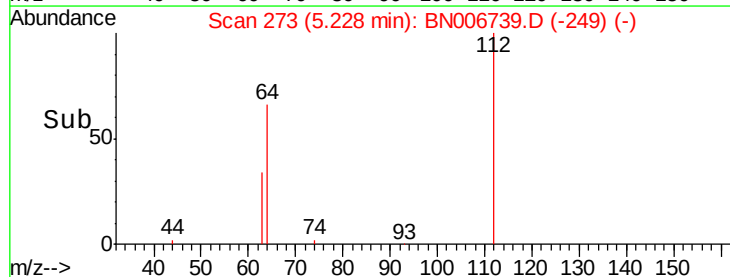
#4

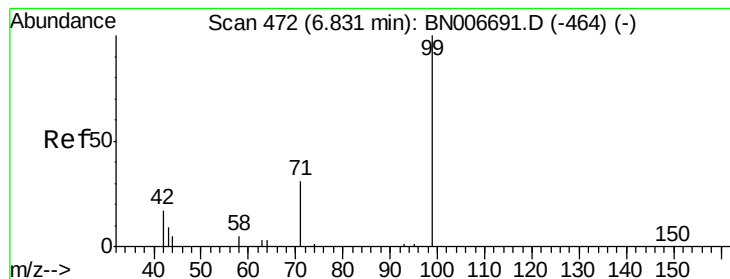
2-Fluorophenol
Concen: 0.172 ng
RT: 5.23 min Scan# 273
Delta R.T. -0.01 min
Lab File: BN006739.D
Acq: 06 Jul 2019 05:17

Tgt Ion:112 Resp: 1390
Ion Ratio Lower Upper
112 100
64 64.0 49.8 74.6
63 35.8 25.8 38.6



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





#5

Phenol-d6

Concen: 0.105 ng

RT: 6.83 min Scan# 472

Delta R.T. 0.00 min

Lab File: BN006739.D

Acq: 06 Jul 2019 05:17

Instrument :

BNA_N

ClientSampleId :

MWHR2-6-070119

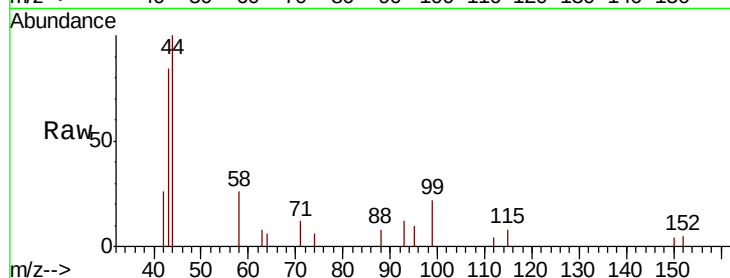
Tot Ion: 99 Resp: 1076

Ion Ratio Lower Upper

99 100

42 32.2 16.6 25.0#

71 33.7 26.0 39.0



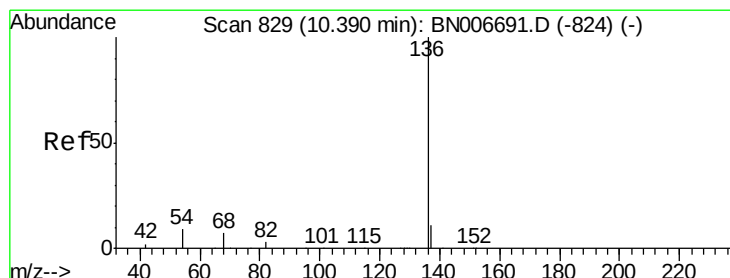
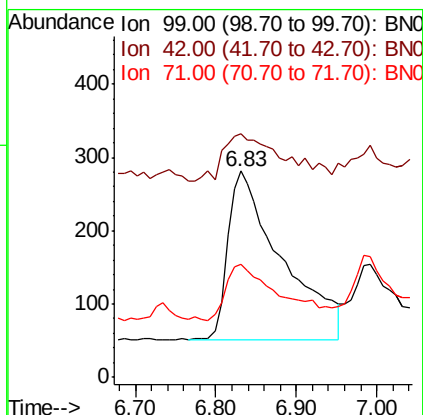
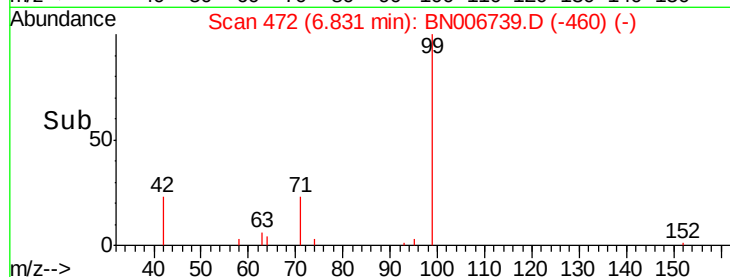
Abundance Ion 99.00 (98.70 to 99.70): BN006739.D (-460) (-)

Ion 42.00 (41.70 to 42.70): BN006739.D (-460) (-)

Ion 71.00 (70.70 to 71.70): BN006739.D (-460) (-)

6.83

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.38 min Scan# 828

Delta R.T. -0.01 min

Lab File: BN006739.D

Acq: 06 Jul 2019 05:17

Tgt Ion: 136 Resp: 11648

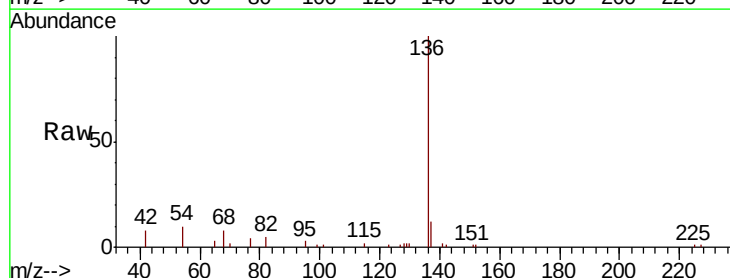
Ion Ratio Lower Upper

136 100

137 11.8 9.3 13.9

54 10.2 8.4 12.6

68 8.2 6.8 10.2



Abundance Ion 136.00 (135.70 to 136.70): BN006739.D (-813) (-)

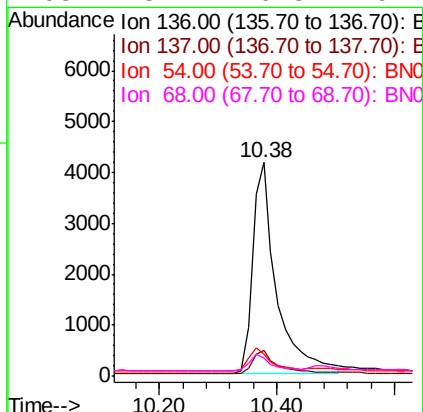
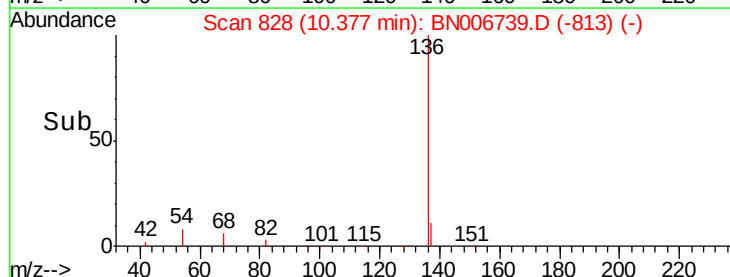
Ion 137.00 (136.70 to 137.70): BN006739.D (-813) (-)

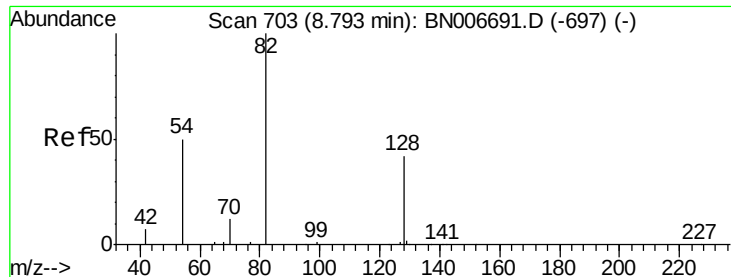
Ion 54.00 (53.70 to 54.70): BN006739.D (-813) (-)

Ion 68.00 (67.70 to 68.70): BN006739.D (-813) (-)

10.38

Time-->





#8

Nitrobenzene-d5

Concen: 0.335 ng

RT: 8.79 min Scan# 703

Delta R.T. 0.00 min

Lab File: BN006739.D

Acq: 06 Jul 2019 05:17

Instrument :

BNA_N

ClientSampleId :

MWHR2-6-070119

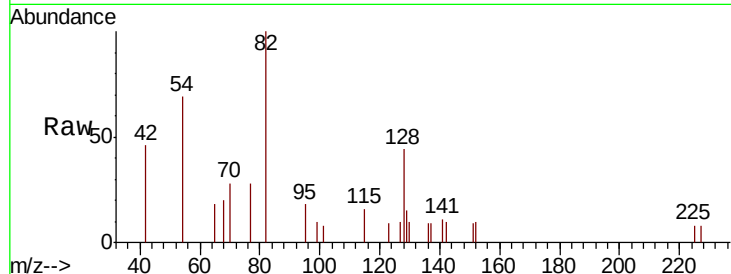
Tot Ion: 82 Resp: 2993

Ion Ratio Lower Upper

82 100

128 44.4 36.1 54.1

54 68.8 44.5 66.7#



Abundance Ion 82.00 (81.70 to 82.70): BN006739.D (-687) (-)

Ion 128.00 (127.70 to 128.70): BN006739.D (-687) (-)

Ion 54.00 (53.70 to 54.70): BN006739.D (-687) (-)

8.79

600

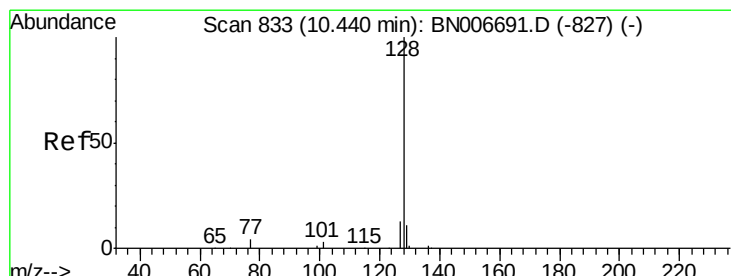
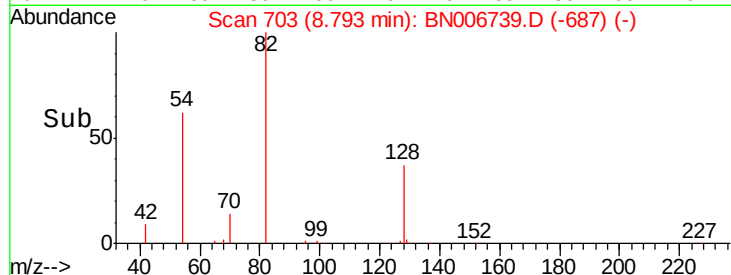
400

200

0

8.60 8.70 8.80 8.90 9.00

Time-->



#9

Naphthalene

Concen: 0.064 ng

RT: 10.43 min Scan# 832

Delta R.T. -0.01 min

Lab File: BN006739.D

Acq: 06 Jul 2019 05:17

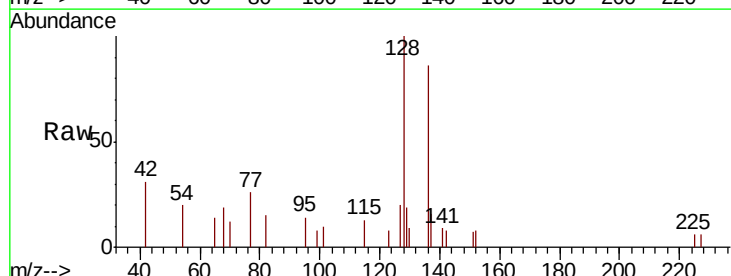
Tgt Ion: 128 Resp: 2029

Ion Ratio Lower Upper

128 100

129 19.5 9.6 14.4#

127 19.7 11.0 16.4#



Abundance Ion 128.00 (127.70 to 128.70): BN006739.D (-825) (-)

Ion 129.00 (128.70 to 129.70): BN006739.D (-825) (-)

Ion 127.00 (126.70 to 127.70): BN006739.D (-825) (-)

10.43

1000

800

600

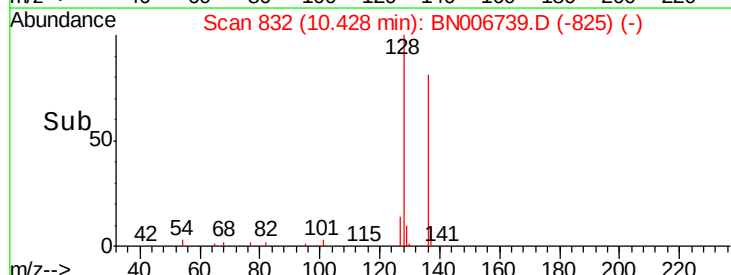
400

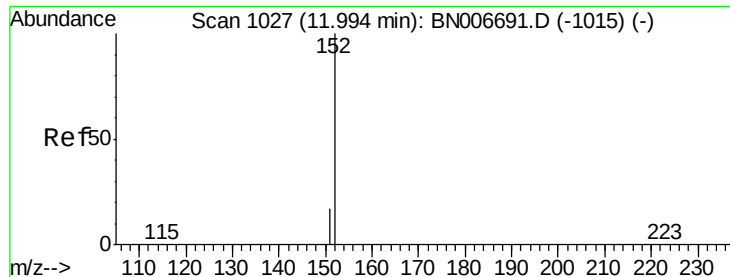
200

0

10.40 10.60

Time-->

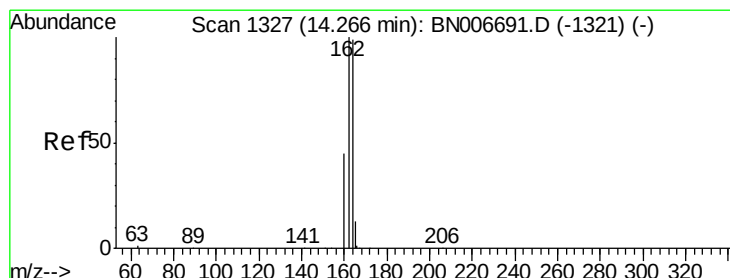
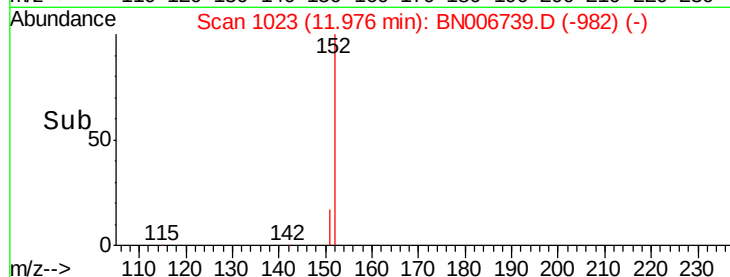
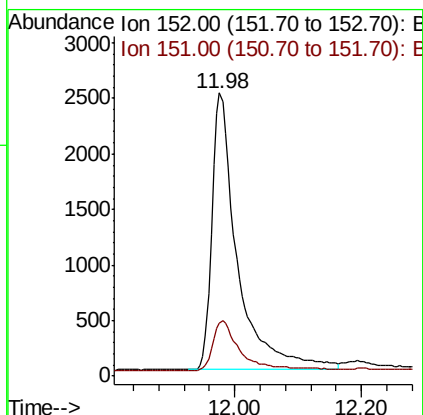
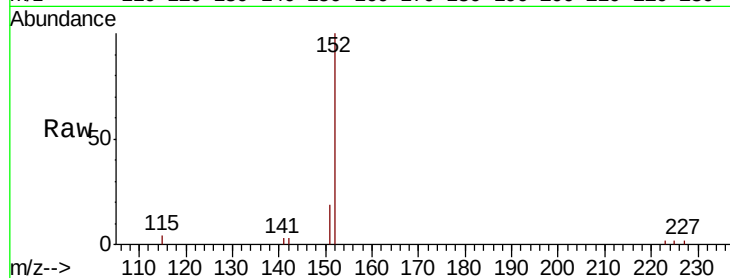




#11
2-Methylnaphthalene-d10
Concen: 0.401 ng
RT: 11.98 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BN006739.D
Acq: 06 Jul 2019 05:17

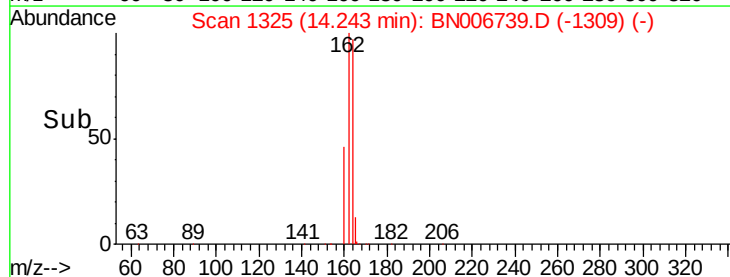
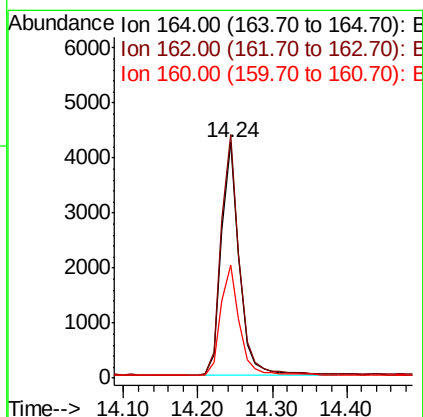
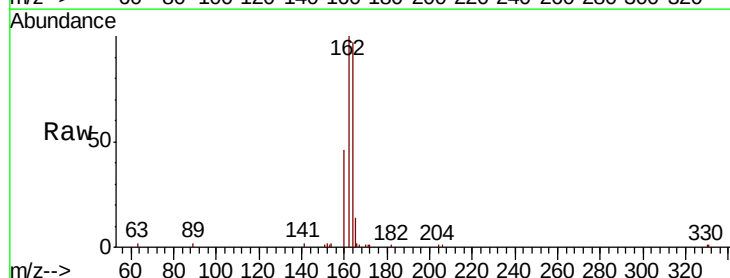
Instrument :
BNA_N
ClientSampleId :
MWHR2-6-070119

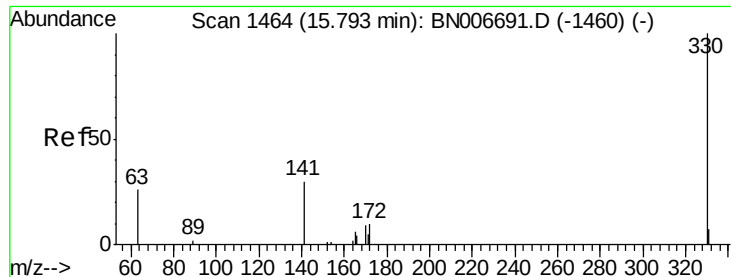
Tot Ion:152 Resp: 7017
Ion Ratio Lower Upper
152 100
151 19.2 14.9 22.3



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.24 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BN006739.D
Acq: 06 Jul 2019 05:17

Tgt Ion:164 Resp: 7070
Ion Ratio Lower Upper
164 100
162 103.3 80.8 121.2
160 47.8 37.0 55.6

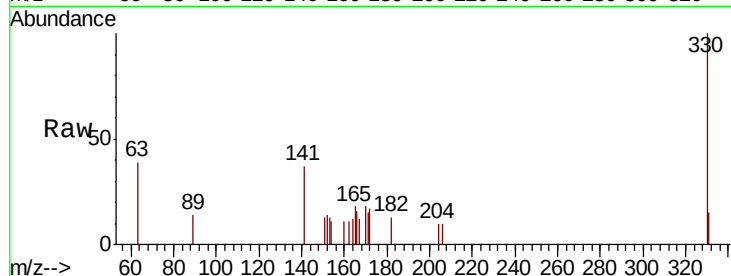




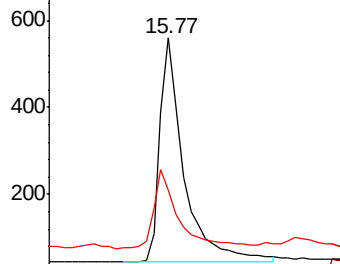
#14
 2,4,6-Tribromophenol
 Concen: 0.369 ng
 RT: 15.77 min Scan# 1462
 Delta R.T. -0.02 min
 Lab File: BN006739.D
 Acq: 06 Jul 2019 05:17

Instrument :
 BNA_N
 ClientSampleId :
 MWHR2-6-070119

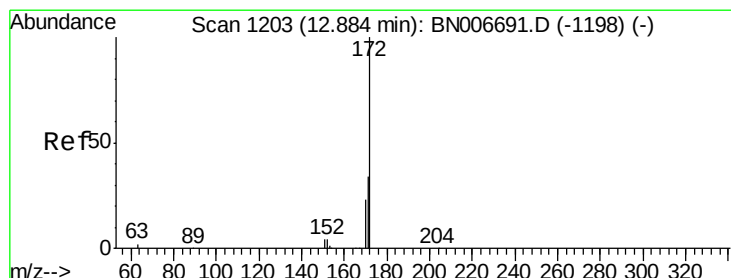
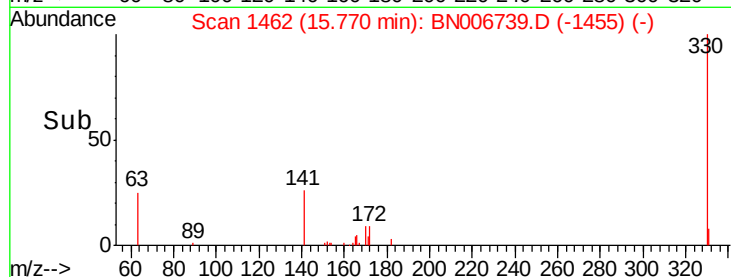
Tot Ion:330 Resp: 1284
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 37.2 24.8 37.2#



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

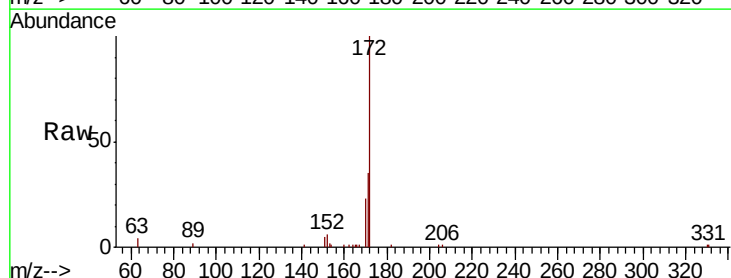


Time--> 15.60 15.80

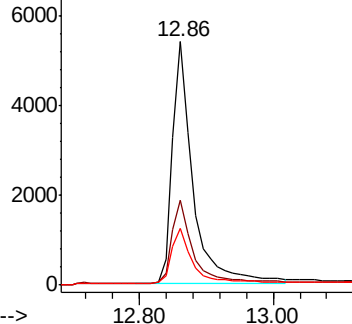


#15
 2-Fluorobiphenyl
 Concen: 0.411 ng
 RT: 12.86 min Scan# 1201
 Delta R.T. -0.02 min
 Lab File: BN006739.D
 Acq: 06 Jul 2019 05:17

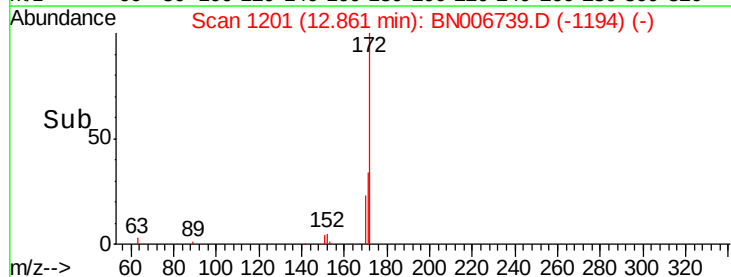
Tgt Ion:172 Resp: 11358
 Ion Ratio Lower Upper
 172 100
 171 34.6 27.8 41.6
 170 23.3 18.9 28.3

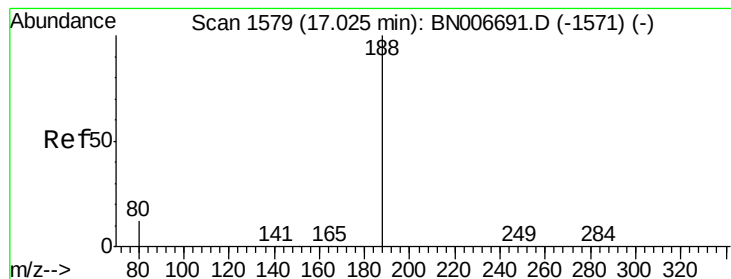


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



Time--> 12.80 13.00





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.00 min Scan# 1577

Delta R.T. -0.02 min

Lab File: BN006739.D

Acq: 06 Jul 2019 05:17

Instrument :

BNA_N

ClientSampleId :

MWHR2-6-070119

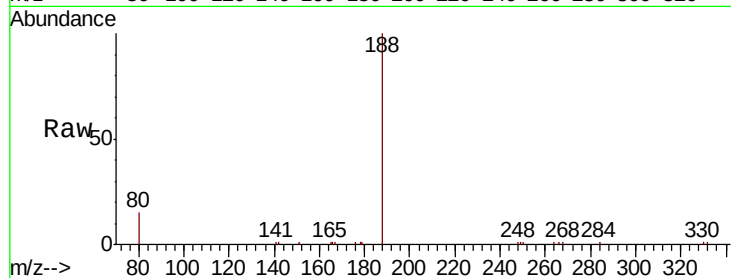
Tot Ion:188 Resp: 16407

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

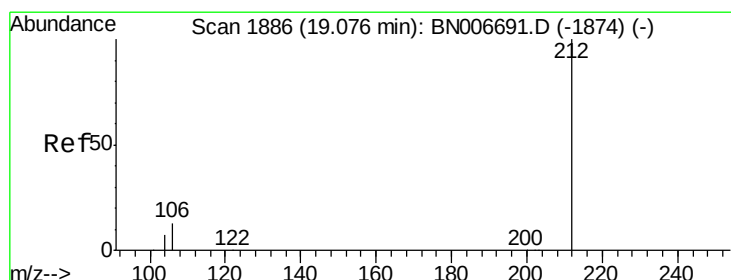
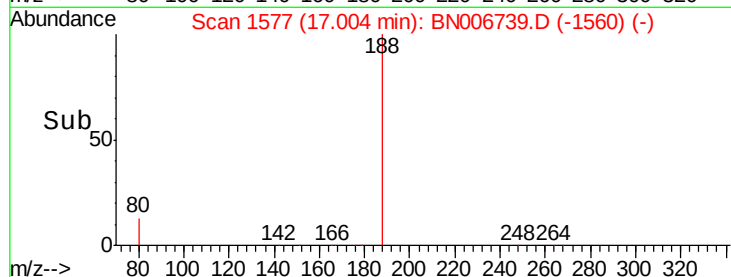
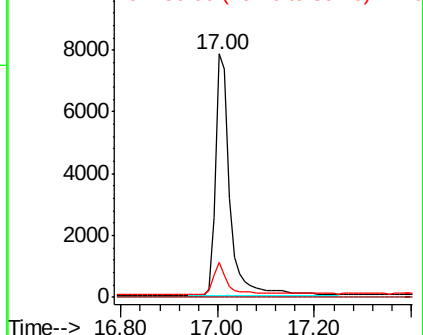
80 14.6 10.3 15.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#25

Fluoranthene-d10

Concen: 0.431 ng

RT: 19.05 min Scan# 1881

Delta R.T. -0.02 min

Lab File: BN006739.D

Acq: 06 Jul 2019 05:17

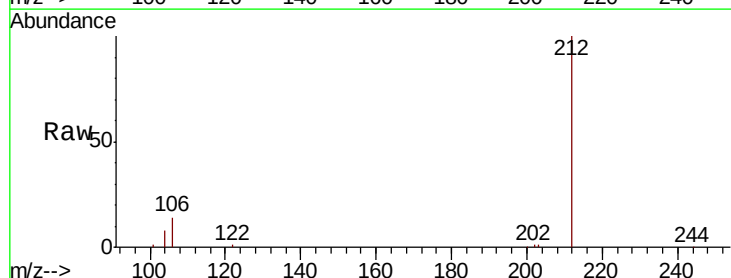
Tgt Ion:212 Resp: 20249

Ion Ratio Lower Upper

212 100

106 13.1 11.0 16.6

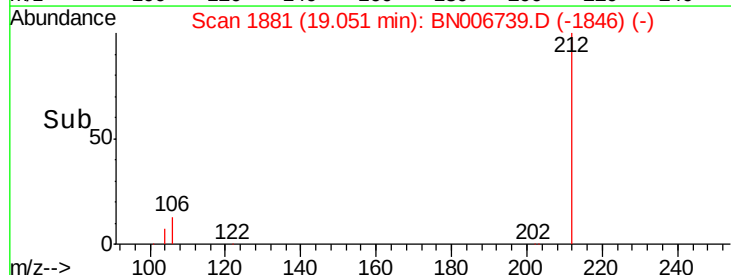
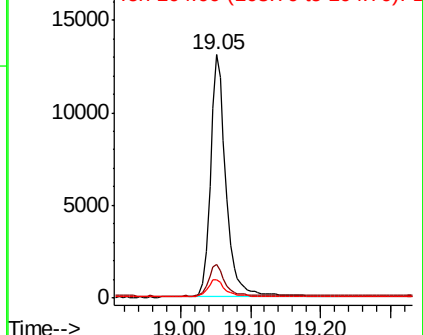
104 7.5 6.1 9.1

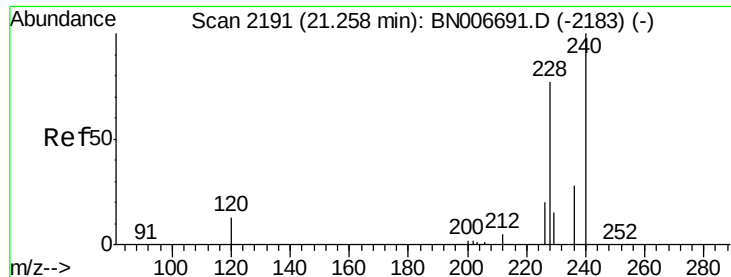


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

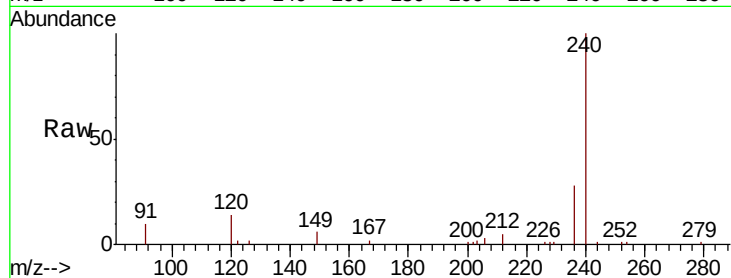




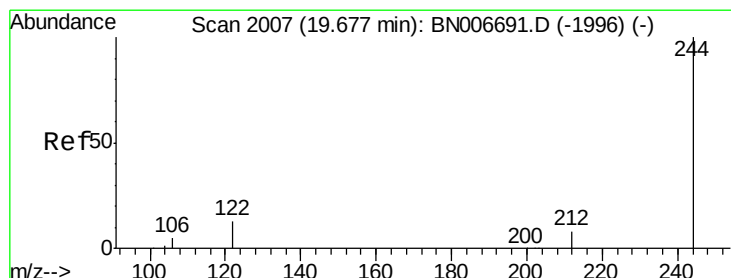
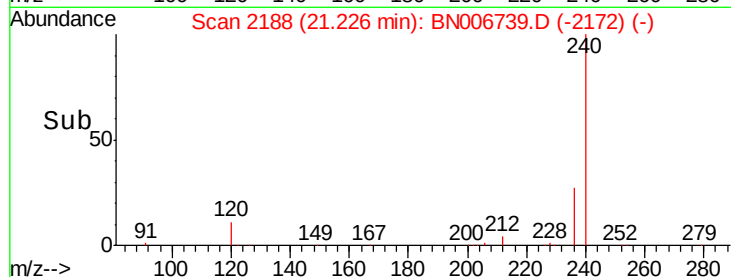
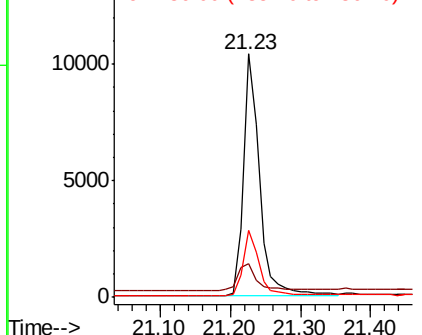
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.23 min Scan# 2188
 Delta R.T. -0.03 min
 Lab File: BN006739.D
 Acq: 06 Jul 2019 05:17

Instrument :
 BNA_N
 ClientSampleId :
 MWHR2-6-070119

Tot Ion:240 Resp: 16373
 Ion Ratio Lower Upper
 240 100
 120 13.8 12.9 19.3
 236 27.7 23.2 34.8

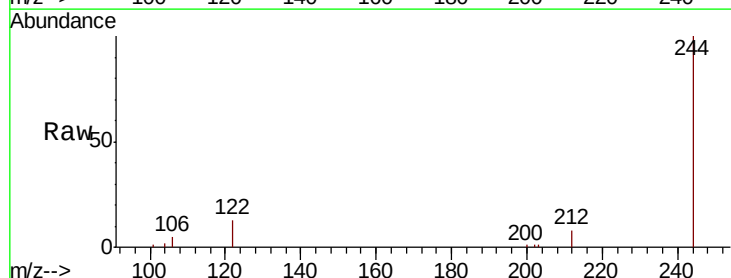


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

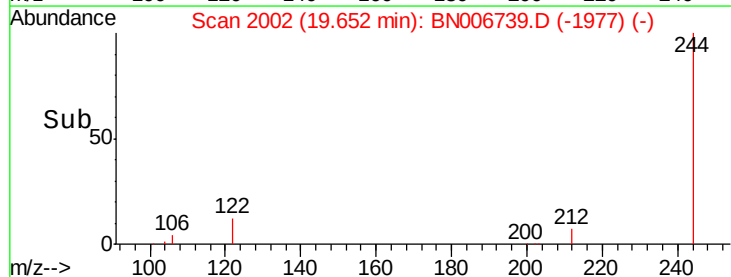
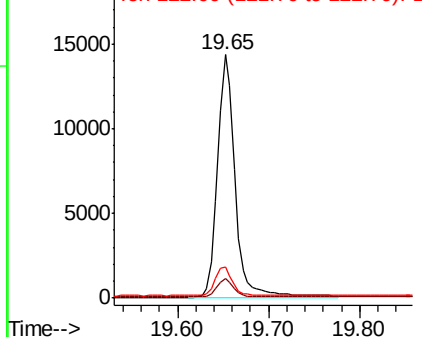


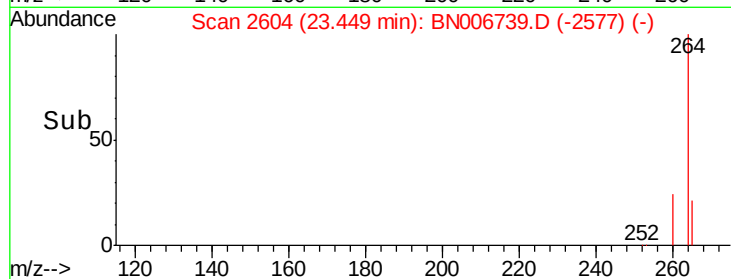
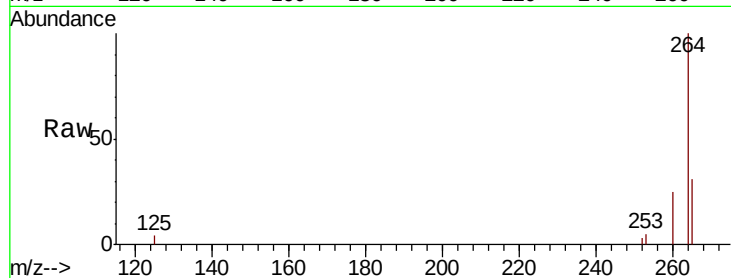
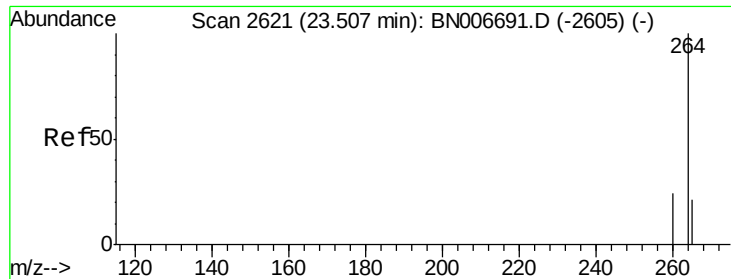
#29
 Terphenyl-d14
 Concen: 0.503 ng
 RT: 19.65 min Scan# 2002
 Delta R.T. -0.02 min
 Lab File: BN006739.D
 Acq: 06 Jul 2019 05:17

Tgt Ion:244 Resp: 18947
 Ion Ratio Lower Upper
 244 100
 212 7.9 7.0 10.4
 122 12.7 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
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.45 min Scan# 2604
 Delta R.T. -0.06 min
 Lab File: BN006739.D
 Acq: 06 Jul 2019 05:17

Instrument :
 BNA_N
 ClientSampleId :
 MWHR2-6-070119

Tot Ion: 264 Resp: 18756
 Ion Ratio Lower Upper
 264 100
 260 25.0 20.2 30.2
 265 31.0 33.7 50.5#

