

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070519\
 Data File : BN006744.D
 Acq On : 06 Jul 2019 08:11
 Operator : HP/JU
 Sample : K3666-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MWHR3-8-070219

Quant Time: Jul 08 00:25:05 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

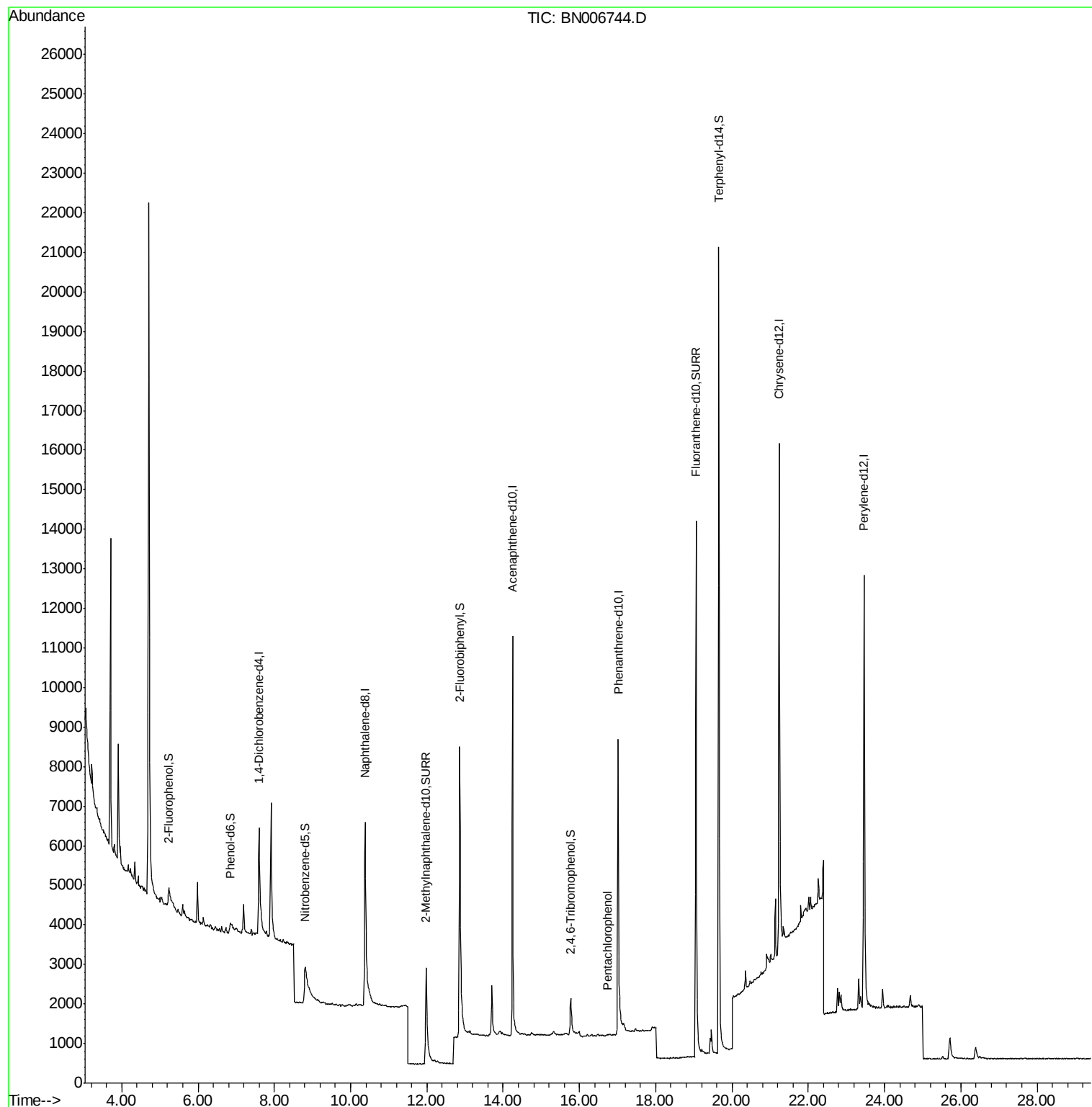
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	2754	0.40	ng	-0.02
7) Naphthalene-d8	10.38	136	10482	0.40	ng	-0.01
13) Acenaphthene-d10	14.24	164	6580	0.40	ng	-0.02
19) Phenanthrene-d10	17.01	188	15302	0.40	ng	-0.01
27) Chrysene-d12	21.24	240	14449	0.40	ng	-0.02
34) Perylene-d12	23.46	264	16625	0.40	ng	-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	1176	0.16	ng	0.00
5) Phenol-d6	6.86	99	820	0.09	ng	0.02
8) Nitrobenzene-d5	8.81	82	2522	0.31	ng	0.01
11) 2-Methylnaphthalene-d10	11.98	152	6468	0.41	ng	-0.01
14) 2,4,6-Tribromophenol	15.77	330	1236	0.38	ng	-0.02
15) 2-Fluorobiphenyl	12.86	172	10081	0.39	ng	-0.02
25) Fluoranthene-d10	19.06	212	18532	0.42	ng	-0.02
29) Terphenyl-d14	19.66	244	24312	0.73	ng	-0.02
Target Compounds						
12) 2-Methylnaphthalene	12.06	142	45	Below Cal	#	29
22) Pentachlorophenol	16.74	266	15	0.121 ng	#	76

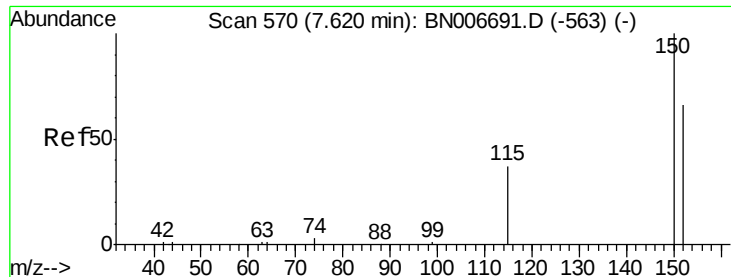
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BN006744.D

Acq: 06 Jul 2019 08:11

Instrument :

BNA_N

ClientSampleId :

MWHR3-8-070219

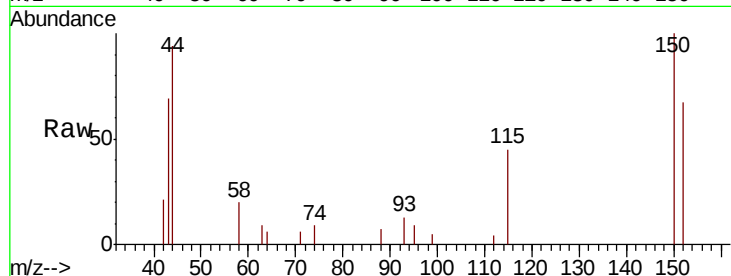
Tgt Ion:152 Resp: 2754

Ion Ratio Lower Upper

152 100

150 149.8 120.6 181.0

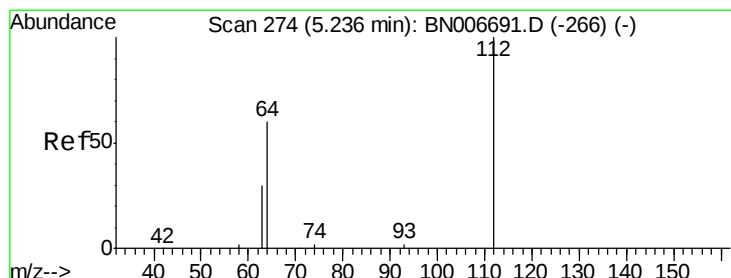
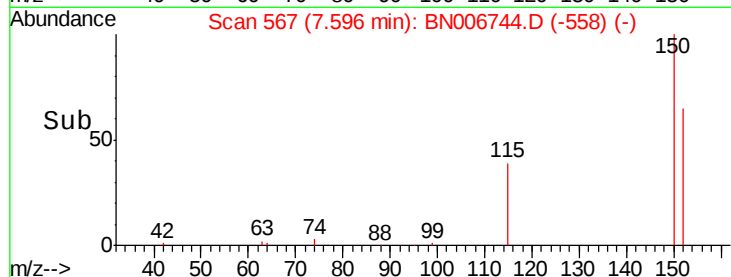
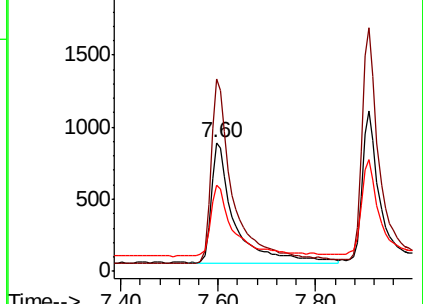
115 67.3 51.0 76.6



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: 0.157 ng

RT: 5.24 min Scan# 274

Delta R.T. 0.00 min

Lab File: BN006744.D

Acq: 06 Jul 2019 08:11

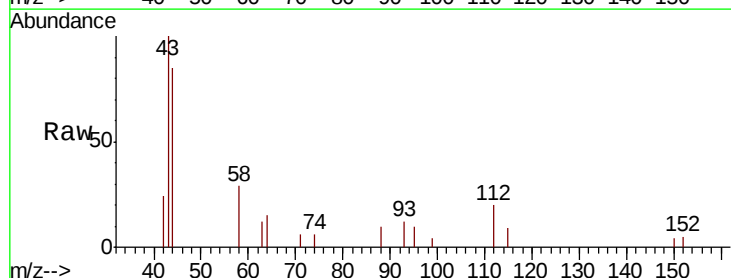
Tgt Ion:112 Resp: 1176

Ion Ratio Lower Upper

112 100

64 67.9 49.8 74.6

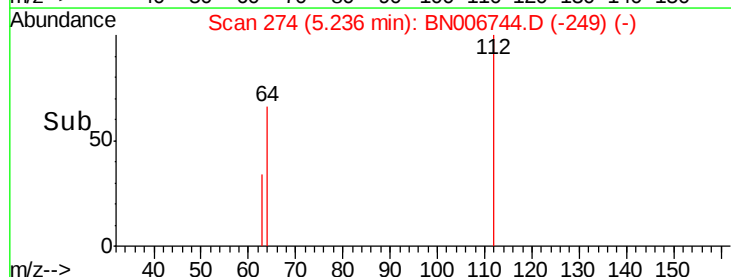
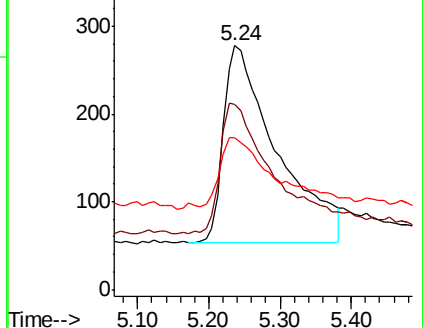
63 35.3 25.8 38.6

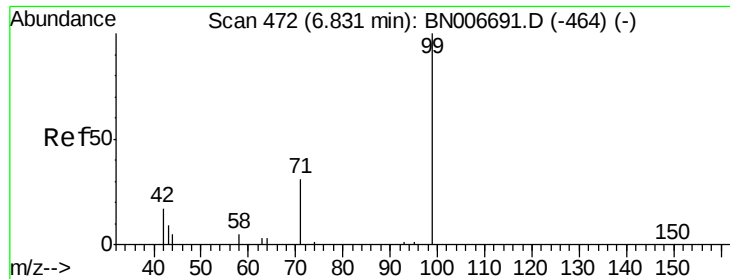


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.087 ng

RT: 6.86 min Scan# 475

Delta R.T. 0.02 min

Lab File: BN006744.D

Acq: 06 Jul 2019 08:11

Instrument :

BNA_N

ClientSampleId :

MWHR3-8-070219

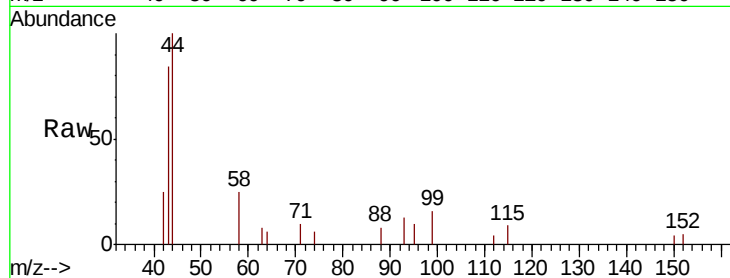
Tgt Ion: 99 Resp: 820

Ion Ratio Lower Upper

99 100

42 16.3 16.6 25.0#

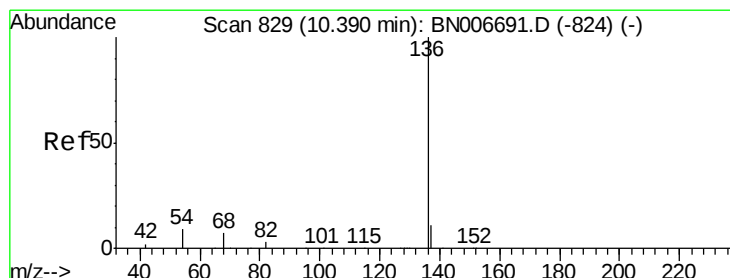
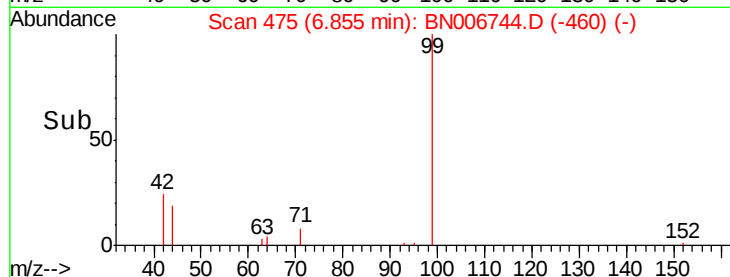
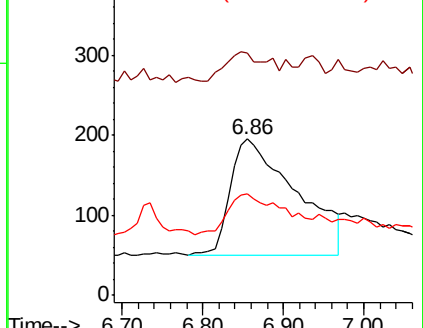
71 30.6 26.0 39.0



Abundance Ion 99.00 (98.70 to 99.70): BN006691.D (-464) (-)

Ion 42.00 (41.70 to 42.70): BN006691.D (-464) (-)

Ion 71.00 (70.70 to 71.70): BN006691.D (-464) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.38 min Scan# 828

Delta R.T. -0.01 min

Lab File: BN006744.D

Acq: 06 Jul 2019 08:11

Tgt Ion: 136 Resp: 10482

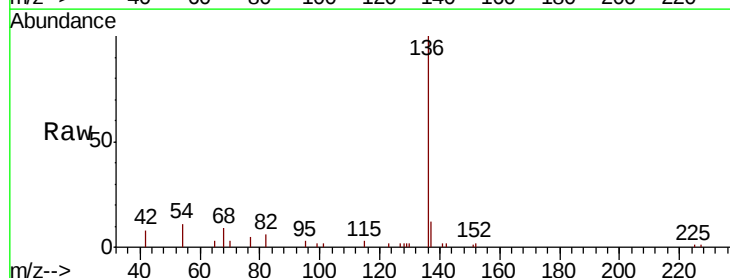
Ion Ratio Lower Upper

136 100

137 11.9 9.3 13.9

54 11.4 8.4 12.6

68 9.2 6.8 10.2

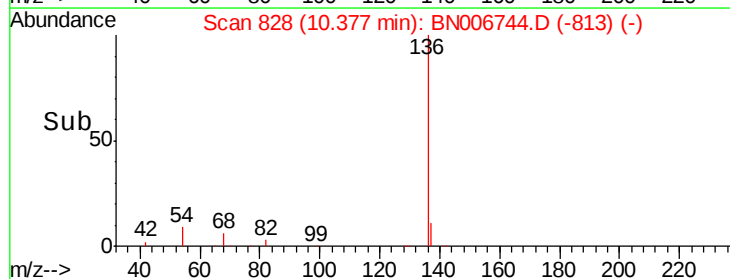
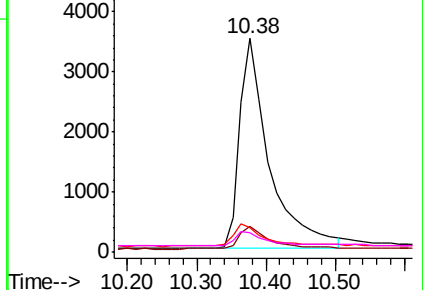


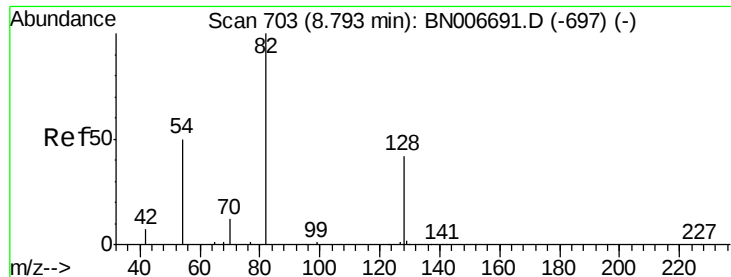
Abundance Ion 136.00 (135.70 to 136.70): BN006691.D (-824) (-)

Ion 137.00 (136.70 to 137.70): BN006691.D (-824) (-)

Ion 54.00 (53.70 to 54.70): BN006691.D (-824) (-)

Ion 68.00 (67.70 to 68.70): BN006691.D (-824) (-)





#8

Nitrobenzene-d5

Concen: 0.314 ng

RT: 8.81 min Scan# 704

Delta R.T. 0.01 min

Lab File: BN006744.D

Acq: 06 Jul 2019 08:11

Instrument :

BNA_N

ClientSampleId :

MWHR3-8-070219

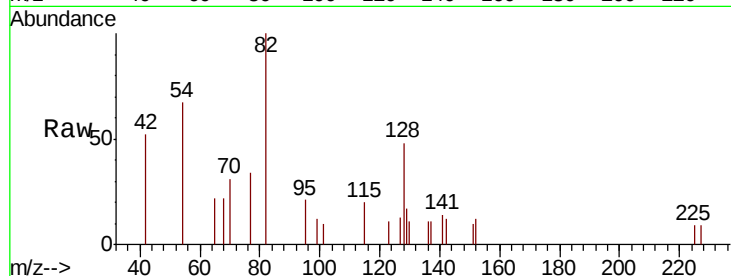
Tgt Ion: 82 Resp: 2522

Ion Ratio Lower Upper

82 100

128 47.9 36.1 54.1

54 66.9 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) (-)

8.81

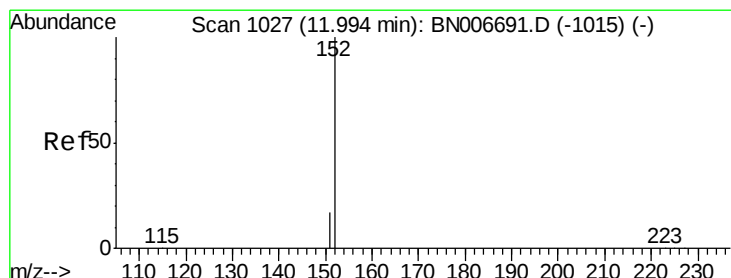
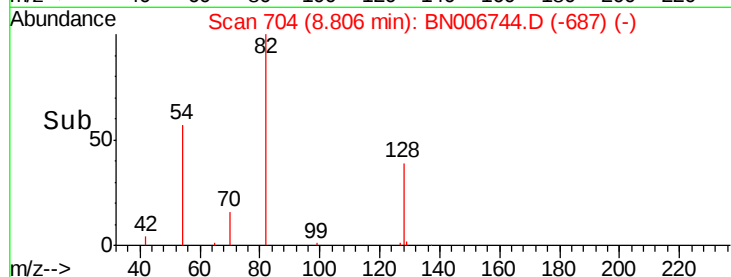
400

200

0

8.70 8.80 8.90 9.00

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.410 ng

RT: 11.98 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BN006744.D

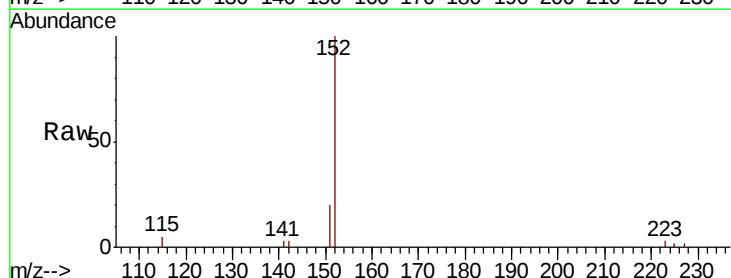
Acq: 06 Jul 2019 08:11

Tgt Ion: 152 Resp: 6468

Ion Ratio Lower Upper

152 100

151 18.0 14.9 22.3



Abundance Ion 152.00 (151.70 to 152.70): BN006691.D (-1015) (-)

Ion 151.00 (150.70 to 151.70): BN006691.D (-1015) (-)

11.98

2500

2000

1500

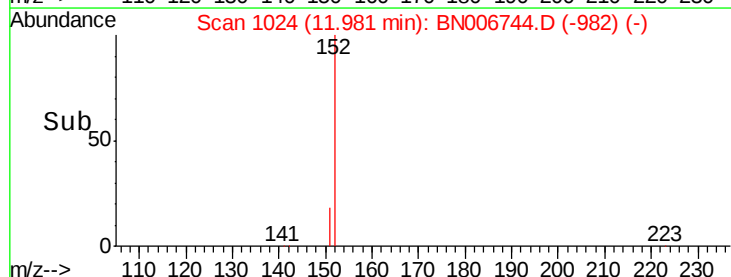
1000

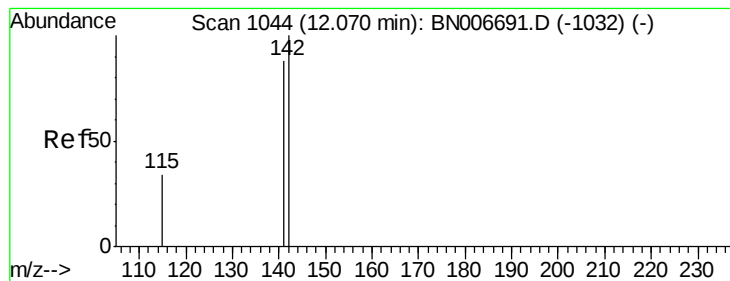
500

0

11.80 12.00 12.20

Time-->





#12

2-Methylnaphthalene

Concen: Below Cal

RT: 12.06 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BN006744.D

Acq: 06 Jul 2019 08:11

Instrument :

BNA_N

ClientSampleId :

MWHR3-8-070219

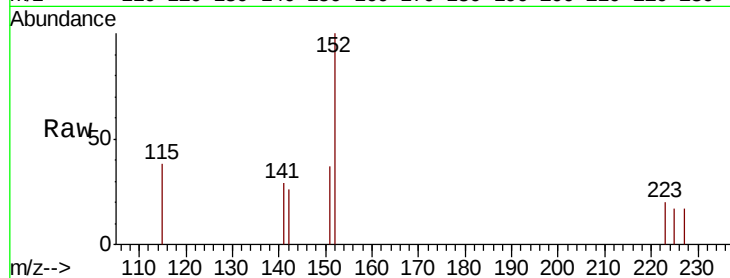
Tgt Ion:142 Resp: 45

Ion Ratio Lower Upper

142 100

141 111.0 70.3 105.5#

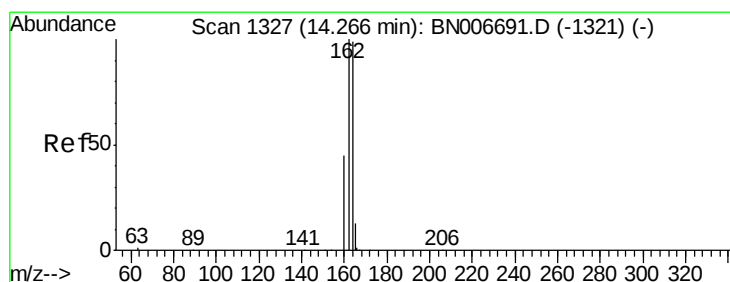
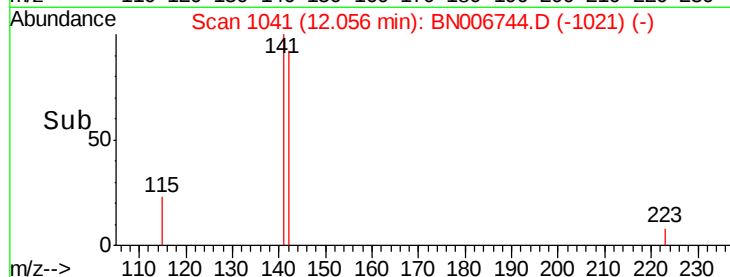
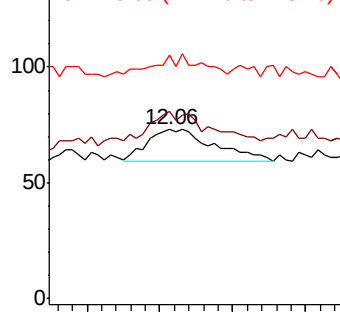
115 143.8 28.9 43.3#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.24 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BN006744.D

Acq: 06 Jul 2019 08:11

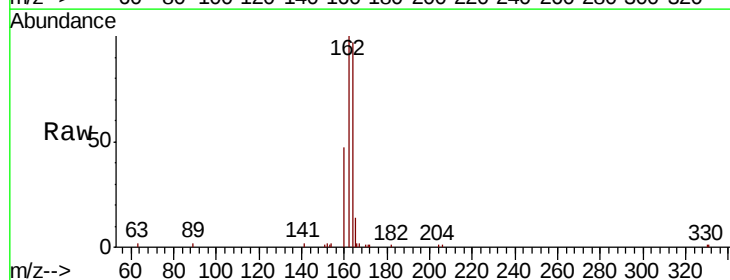
Tgt Ion:164 Resp: 6580

Ion Ratio Lower Upper

164 100

162 102.8 80.8 121.2

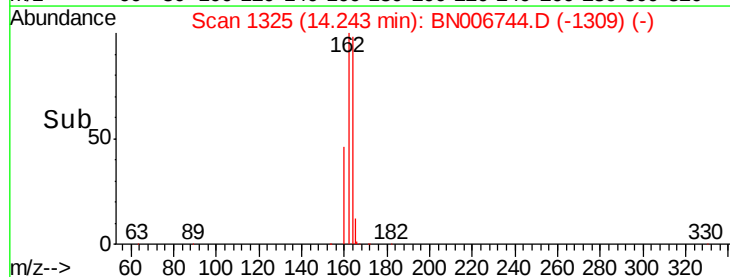
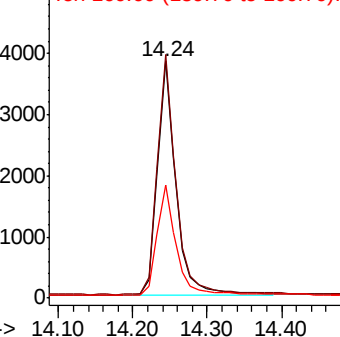
160 47.9 37.0 55.6

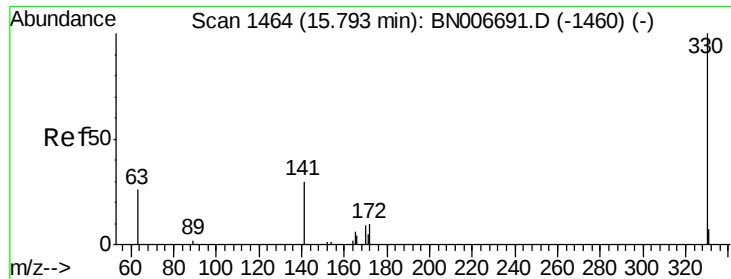


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

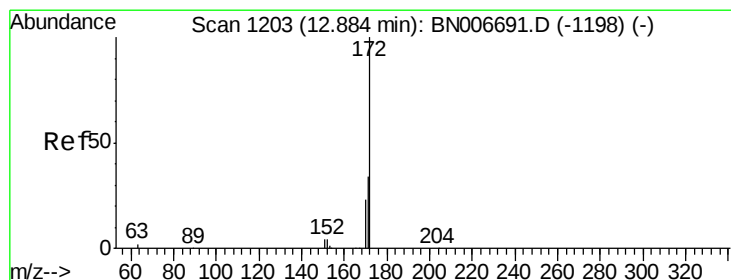
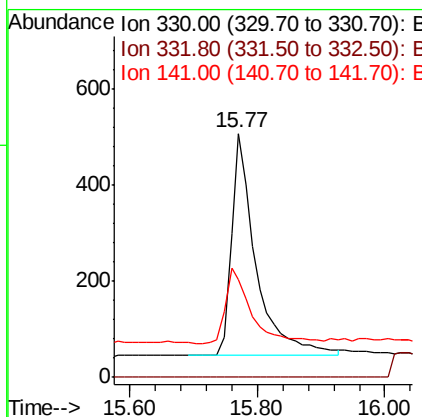
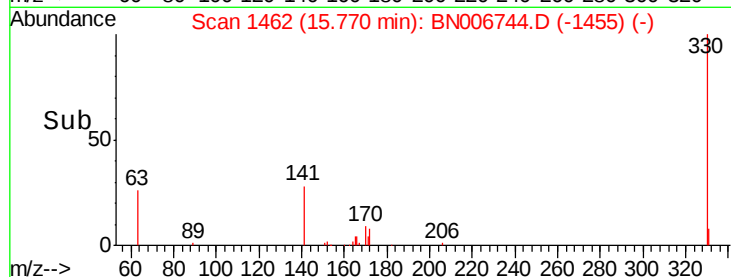
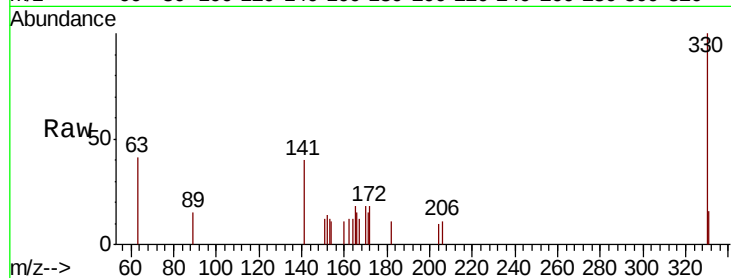




#14
 2,4,6-Tribromophenol
 Concen: 0.382 ng
 RT: 15.77 min Scan# 1462
 Delta R.T. -0.02 min
 Lab File: BN006744.D
 Acq: 06 Jul 2019 08:11

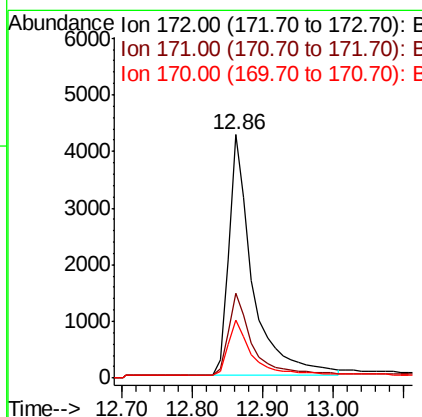
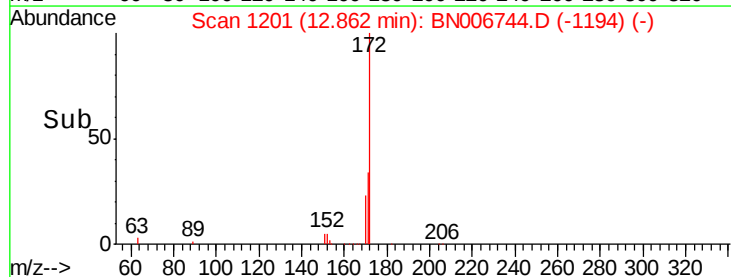
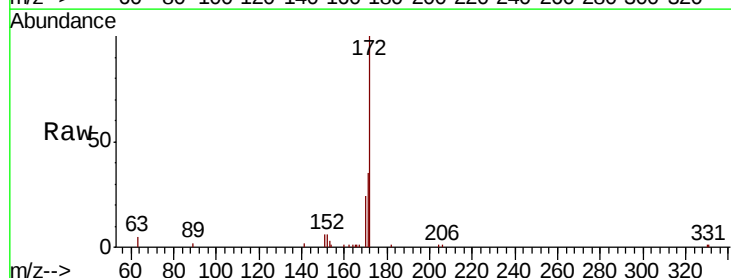
Instrument :
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 MWHR3-8-070219

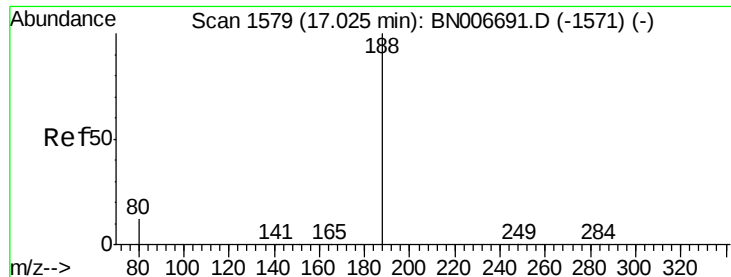
Tgt Ion: 330 Resp: 1236
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 36.2 24.8 37.2



#15
 2-Fluorobiphenyl
 Concen: 0.392 ng
 RT: 12.86 min Scan# 1201
 Delta R.T. -0.02 min
 Lab File: BN006744.D
 Acq: 06 Jul 2019 08:11

Tgt Ion: 172 Resp: 10081
 Ion Ratio Lower Upper
 172 100
 171 35.1 27.8 41.6
 170 23.9 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: BN006744.D

Acq: 06 Jul 2019 08:11

Instrument :

BNA_N

ClientSampleId :

MWHR3-8-070219

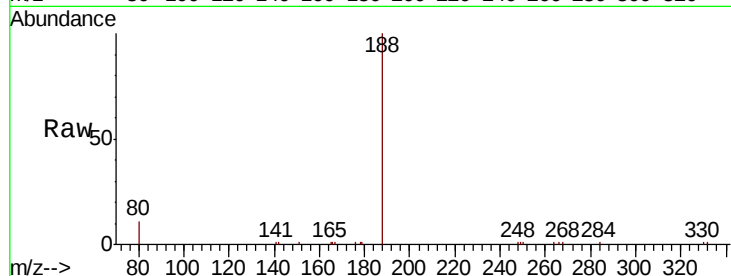
Tgt Ion:188 Resp: 15302

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

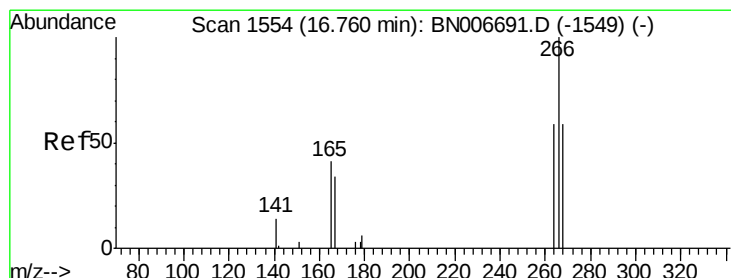
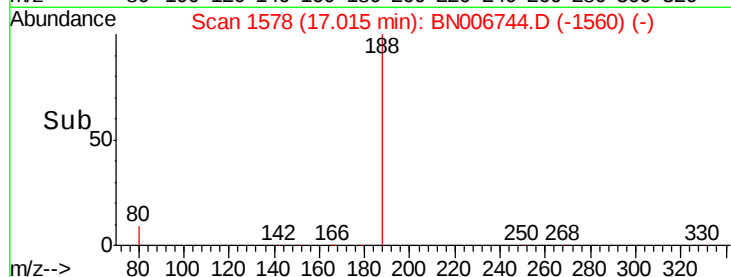
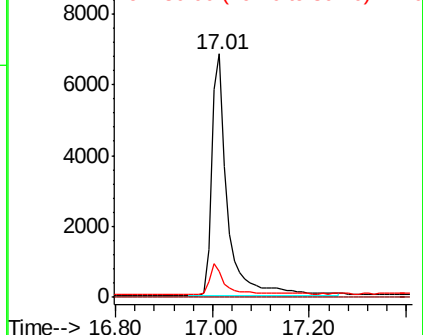
80 10.5 10.3 15.5



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



#22

Pentachlorophenol

Concen: 0.121 ng

RT: 16.74 min Scan# 1552

Delta R.T. -0.02 min

Lab File: BN006744.D

Acq: 06 Jul 2019 08:11

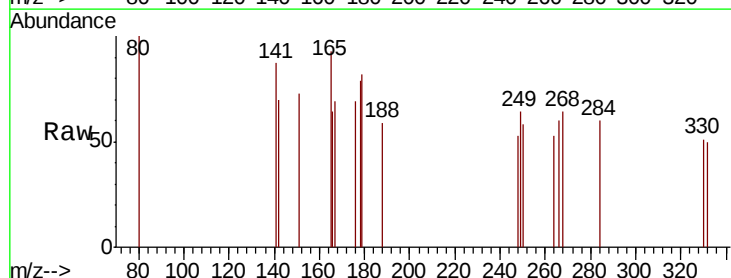
Tgt Ion:266 Resp: 15

Ion Ratio Lower Upper

266 100

264 88.9 57.6 86.4#

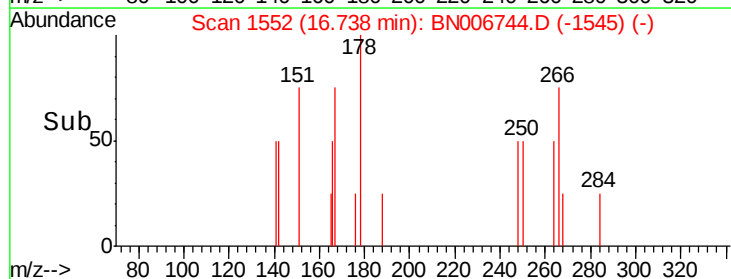
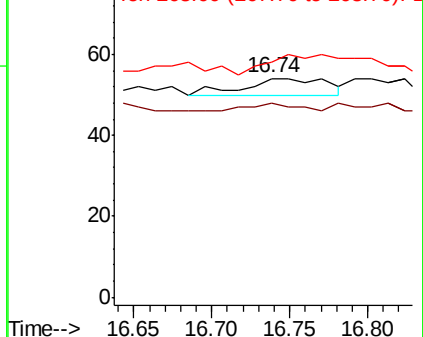
268 107.4 66.6 99.8#

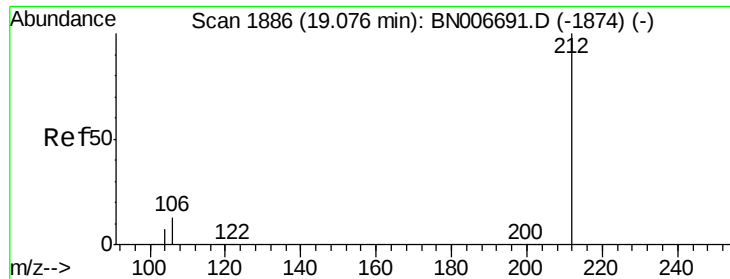


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

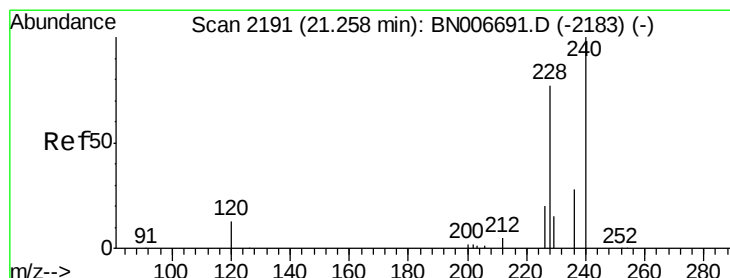
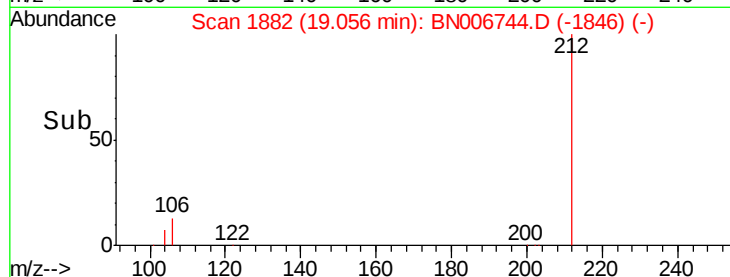
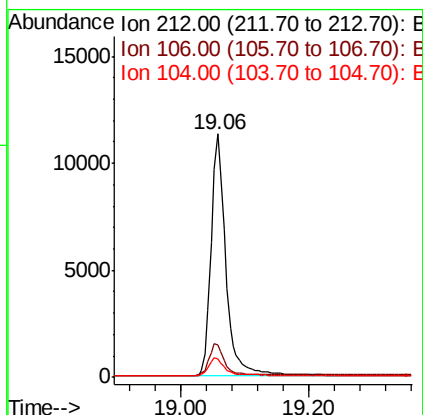
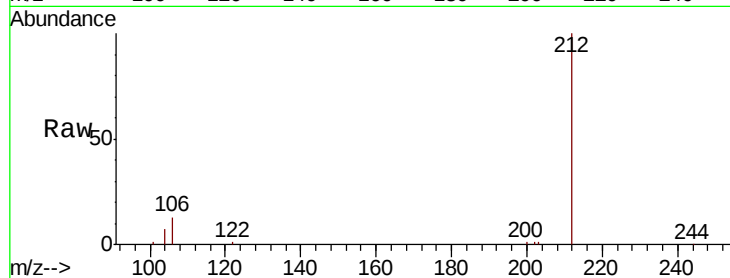




#25
 Fluoranthene-d10
 Concen: 0.423 ng
 RT: 19.06 min Scan# 1882
 Delta R.T. -0.02 min
 Lab File: BN006744.D
 Acq: 06 Jul 2019 08:11

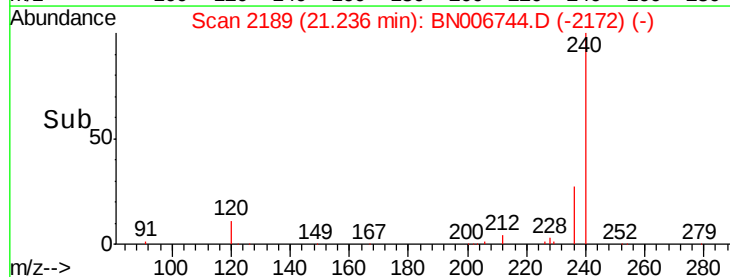
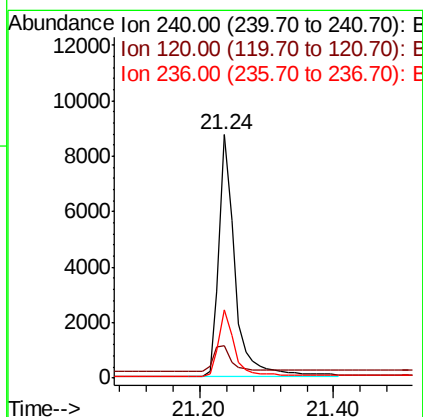
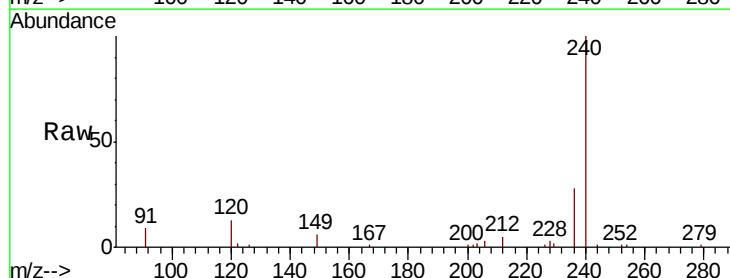
Instrument :
 BNA_N
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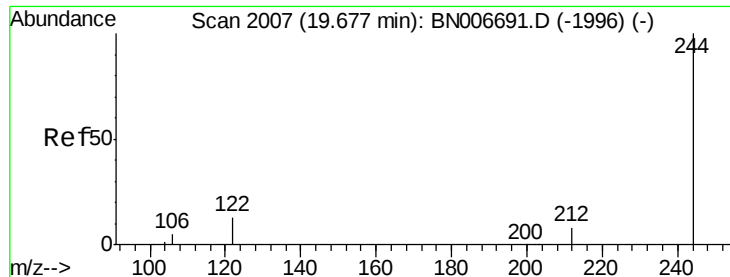
Tgt Ion: 212 Resp: 18532
 Ion Ratio Lower Upper
 212 100
 106 13.0 11.0 16.6
 104 7.4 6.1 9.1



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.24 min Scan# 2189
 Delta R.T. -0.02 min
 Lab File: BN006744.D
 Acq: 06 Jul 2019 08:11

Tgt Ion: 240 Resp: 14449
 Ion Ratio Lower Upper
 240 100
 120 13.2 12.9 19.3
 236 27.9 23.2 34.8





#29

Terphenyl-d14

Concen: 0.731 ng

RT: 19.66 min Scan# 2003

Delta R.T. -0.02 min

Lab File: BN006744.D

Acq: 06 Jul 2019 08:11

Instrument :

BNA_N

ClientSampleId :

MWHR3-8-070219

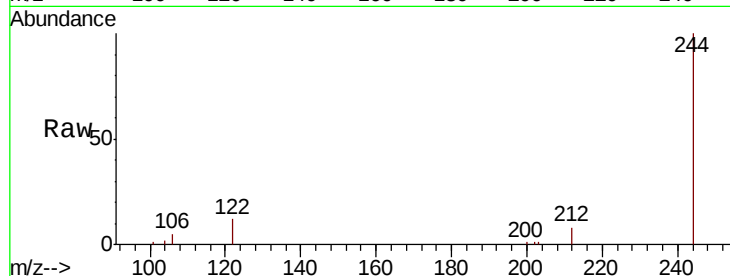
Tgt Ion:244 Resp: 24312

Ion Ratio Lower Upper

244 100

212 7.5 7.0 10.4

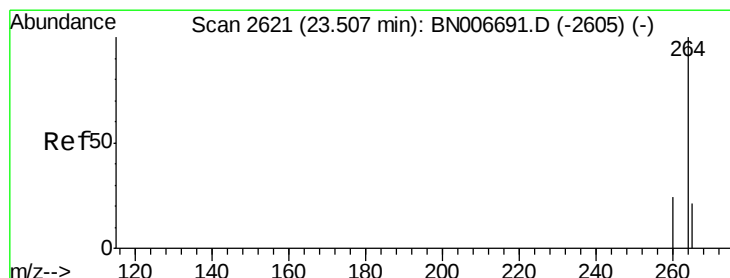
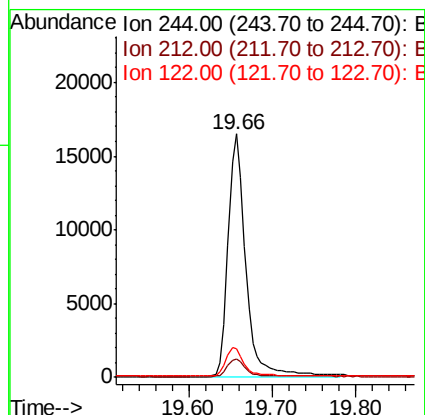
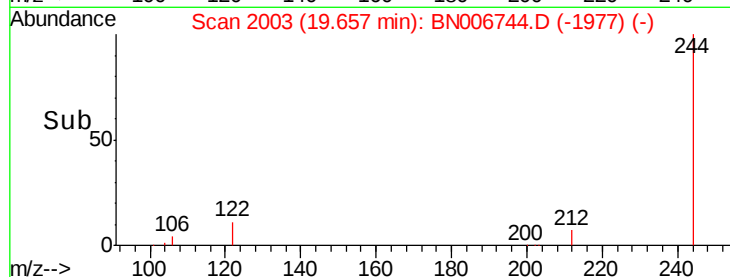
122 11.9 11.5 17.3



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: BN006744.D

Acq: 06 Jul 2019 08:11

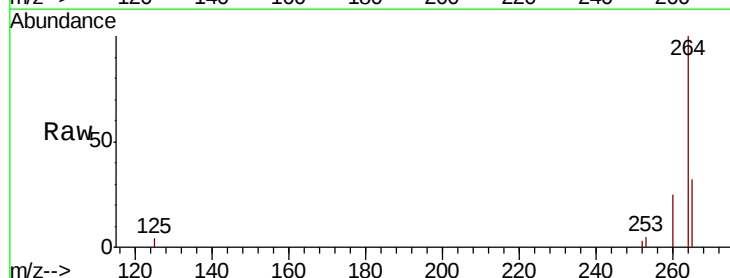
Tgt Ion:264 Resp: 16625

Ion Ratio Lower Upper

264 100

260 25.1 20.2 30.2

265 32.4 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

