

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070119\
 Data File : BN006681.D
 Acq On : 02 Jul 2019 04:35
 Operator : HP/JU
 Sample : K3473-01DL 100X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-1DL

Quant Time: Jul 02 07:19:32 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

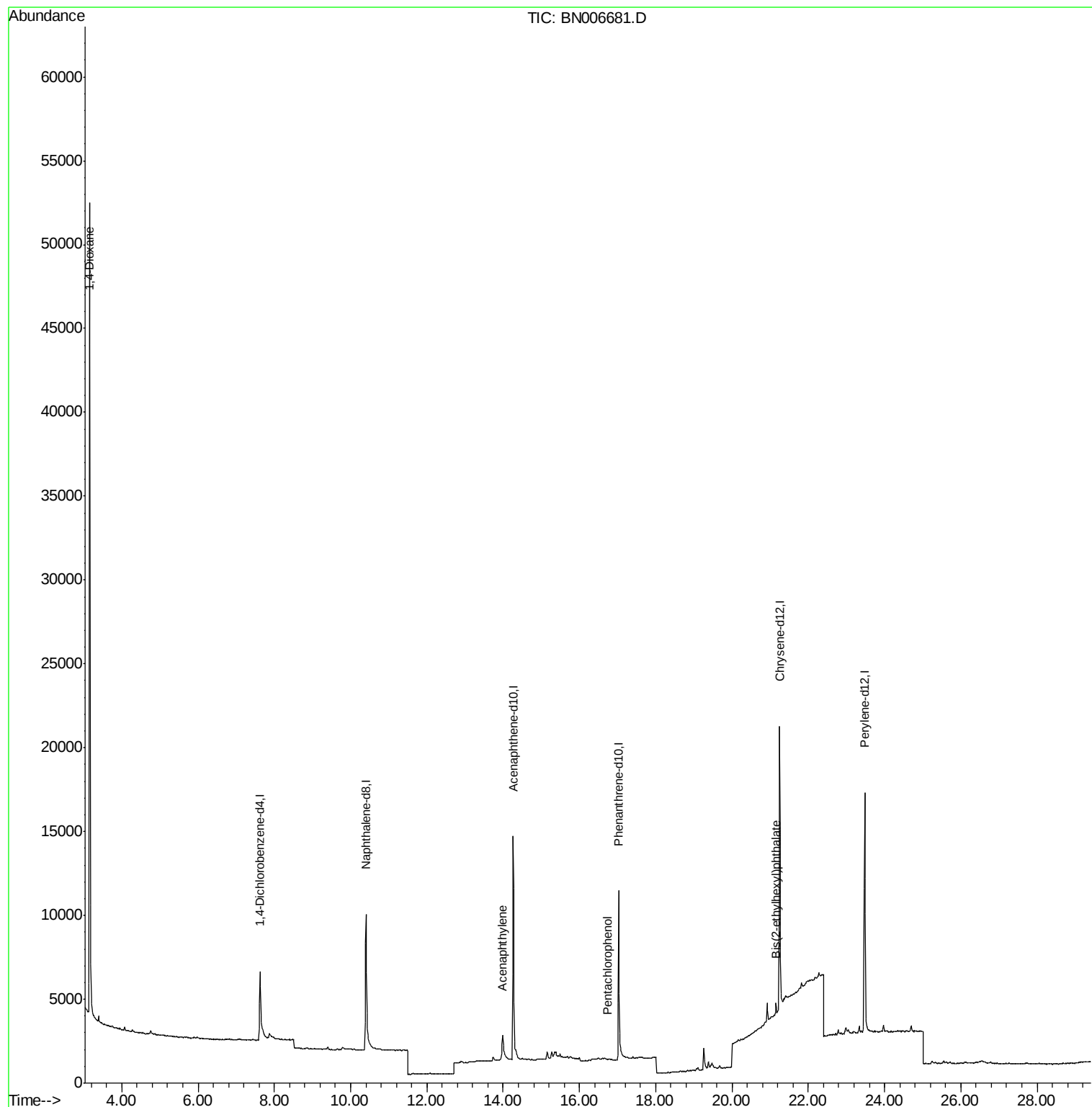
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	3780	0.40	ng	0.00
7) Naphthalene-d8	10.40	136	15862	0.40	ng	0.00
13) Acenaphthene-d10	14.27	164	8864	0.40	ng	-0.01
19) Phenanthrene-d10	17.03	188	18715	0.40	ng	-0.01
27) Chrysene-d12	21.25	240	16732	0.40	ng	-0.02
34) Perylene-d12	23.48	264	19498	0.40	ng	-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.28	112	19	0.00	ng	0.04
5) Phenol-d6	6.83	99	2	0.00	ng	0.00
8) Nitrobenzene-d5	8.84	82	18	0.00	ng	0.05
11) 2-Methylnaphthalene-d10	12.01	152	76	0.00	ng	0.00
14) 2,4,6-Tribromophenol	15.80	330	23	0.01	ng	0.01
15) 2-Fluorobiphenyl	12.89	172	165	0.01	ng	0.00
25) Fluoranthene-d10	19.08	212	214	0.00	ng	0.00
29) Terphenyl-d14	19.68	244	218	0.01	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.16	88	30071	5.749	ng	98
16) Acenaphthylene	13.99	152	4333	0.103	ng	97
22) Pentachlorophenol	16.74	266	2	0.192	ng	# 76
32) Bis(2-ethylhexyl)phthalate	21.15	149	844	0.031	ng	# 92

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

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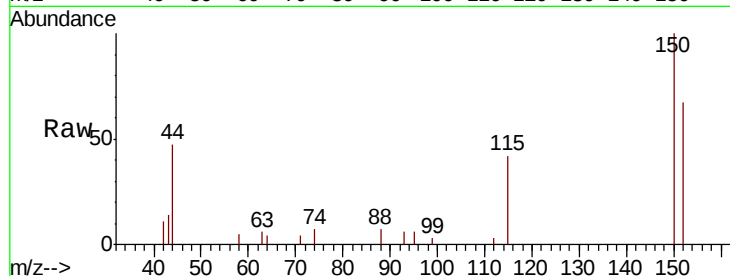


#1

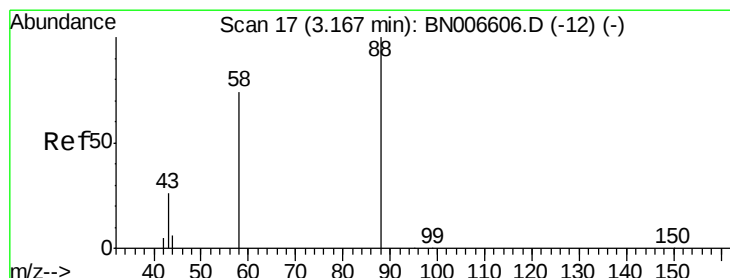
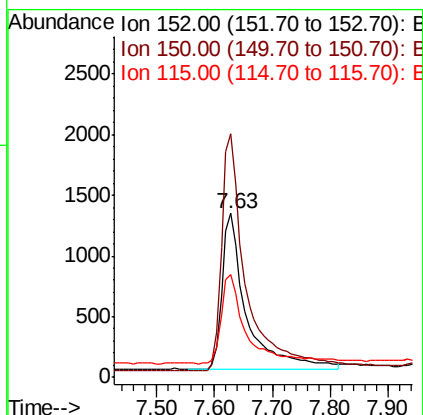
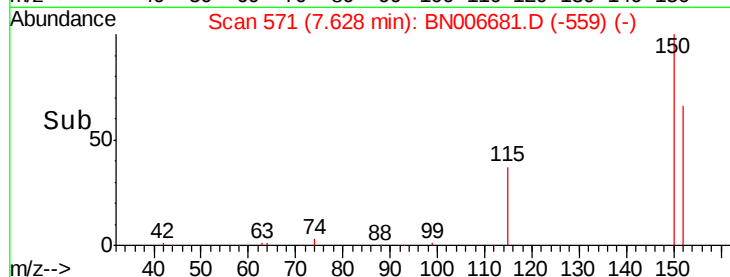
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 571
Delta R.T. -0.00 min
Lab File: BN006681.D
Acq: 02 Jul 2019 04:35

Instrument :
BNA_N
ClientSampleId :
MW-1DL

Tgt Ion:152 Resp: 3780
Ion Ratio Lower Upper
152 100
150 148.5 122.2 183.2
115 62.4 50.0 75.0



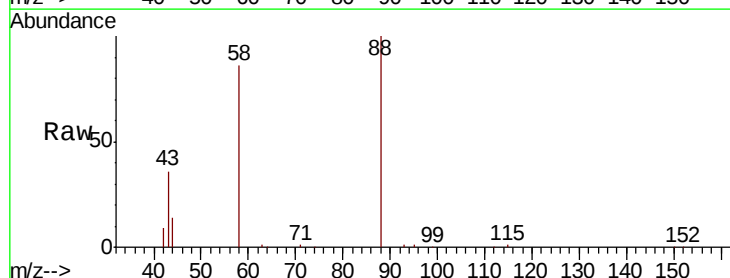
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



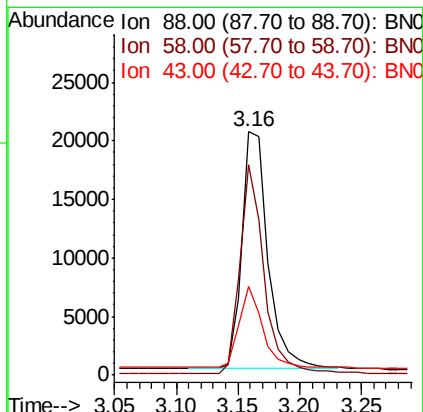
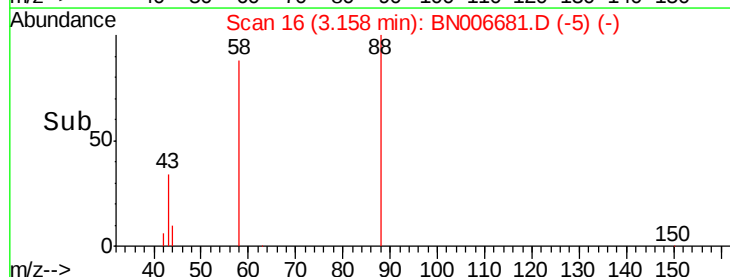
#2

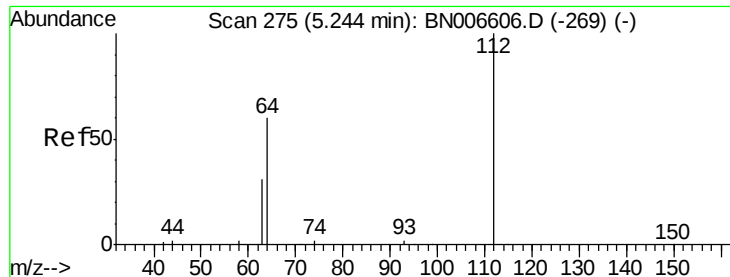
1,4-Dioxane
Concen: 5.749 ng
RT: 3.16 min Scan# 16
Delta R.T. -0.01 min
Lab File: BN006681.D
Acq: 02 Jul 2019 04:35

Tgt Ion: 88 Resp: 30071
Ion Ratio Lower Upper
88 100
58 79.5 62.5 93.7
43 30.0 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: 0.002 ng

RT: 5.28 min Scan# 280

Delta R.T. 0.04 min

Lab File: BN006681.D

Acq: 02 Jul 2019 04:35

Instrument :

BNA_N

ClientSampled :

MW-1DL

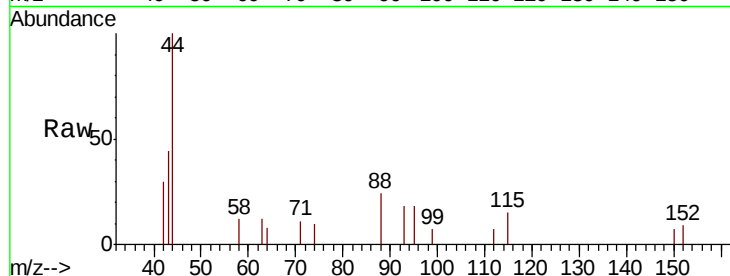
Tgt Ion: 112 Resp: 19

Ion Ratio Lower Upper

112 100

64 0.0 48.9 73.3#

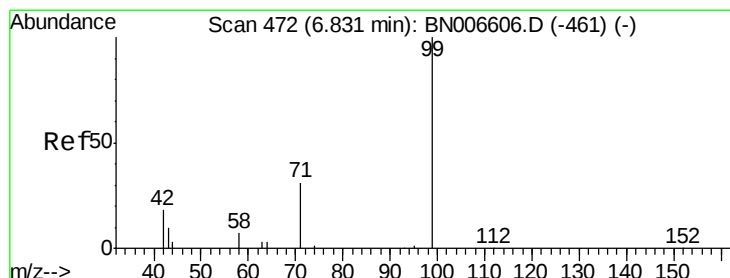
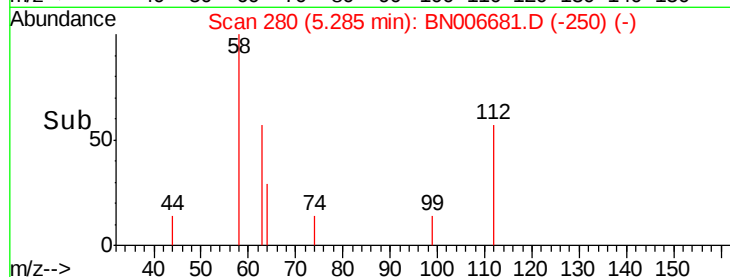
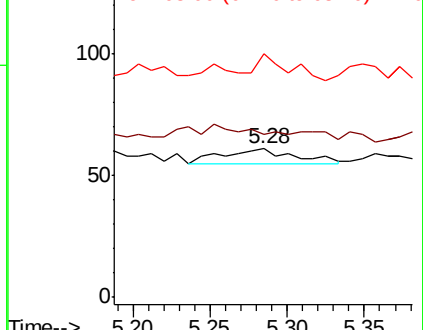
63 73.7 24.3 36.5#



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: 0.000 ng

RT: 6.83 min Scan# 472

Delta R.T. -0.00 min

Lab File: BN006681.D

Acq: 02 Jul 2019 04:35

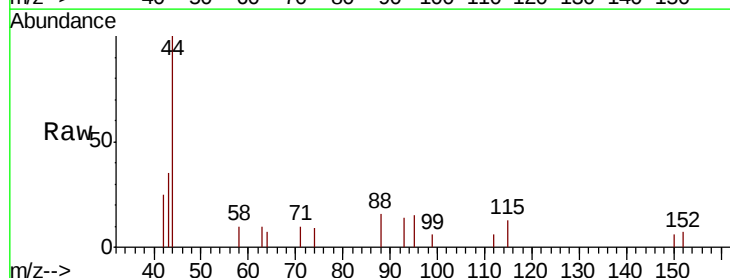
Tgt Ion: 99 Resp: 2

Ion Ratio Lower Upper

99 100

42 600.0 16.4 24.6#

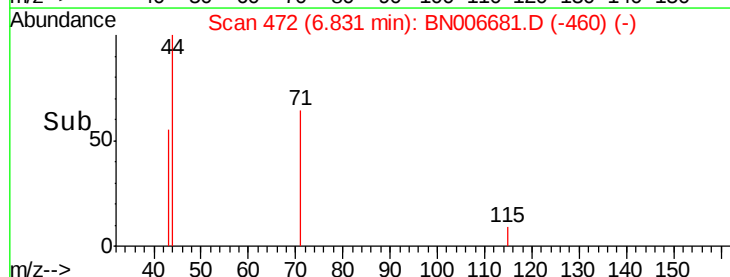
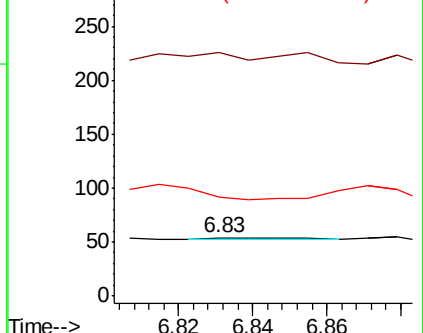
71 2150.0 26.6 40.0#

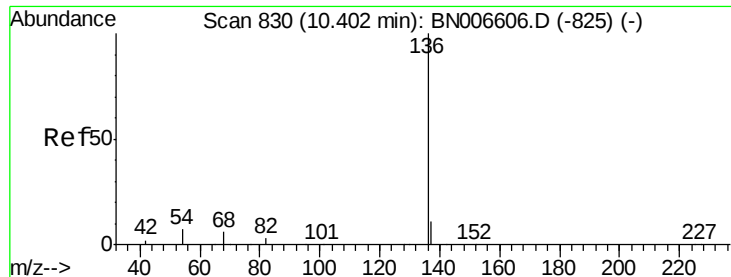


Abundance Ion 99.00 (98.70 to 99.70): BNO

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: 10.40 min Scan# 830

Delta R.T. -0.00 min

Lab File: BN006681.D

Acq: 02 Jul 2019 04:35

Instrument :

BNA_N

ClientSampleId :

MW-1DL

Tgt Ion:136 Resp: 15862

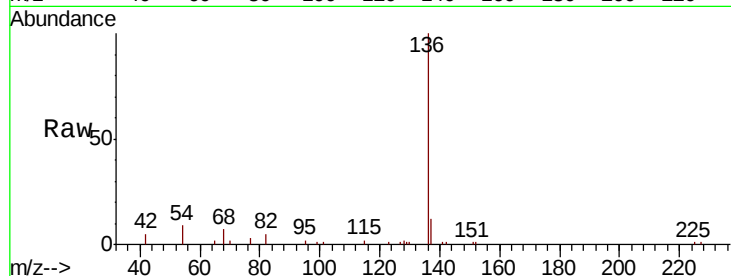
Ion Ratio Lower Upper

136 100

137 11.6 9.3 13.9

54 8.8 6.7 10.1

68 7.1 5.3 7.9

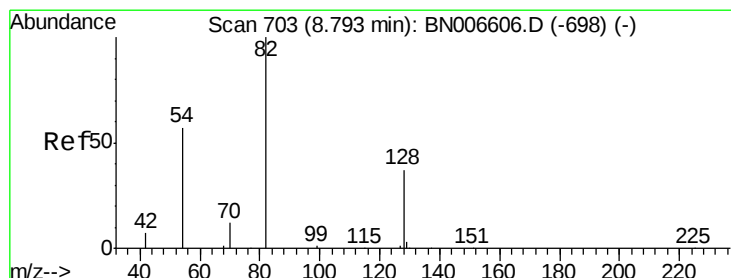
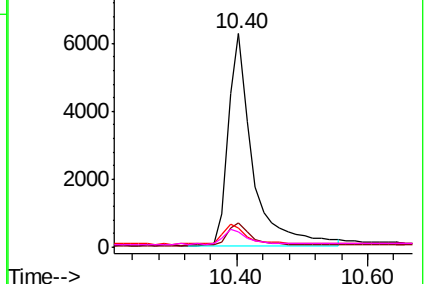
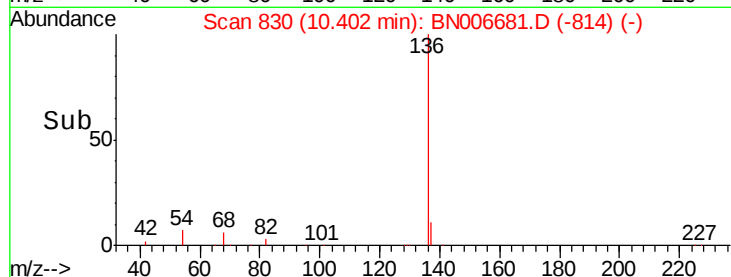


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.002 ng

RT: 8.84 min Scan# 707

Delta R.T. 0.05 min

Lab File: BN006681.D

Acq: 02 Jul 2019 04:35

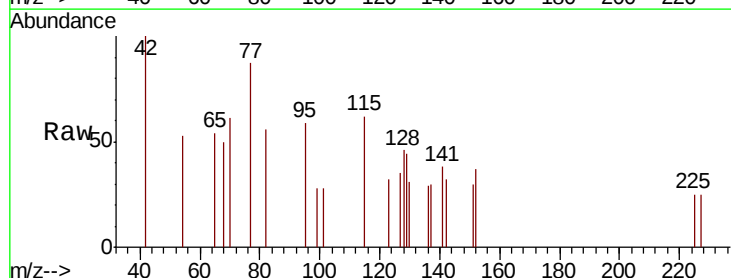
Tgt Ion: 82 Resp: 18

Ion Ratio Lower Upper

82 100

128 82.6 32.6 49.0#

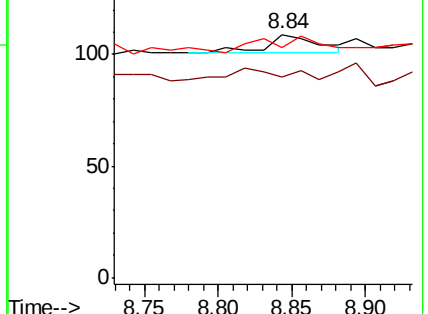
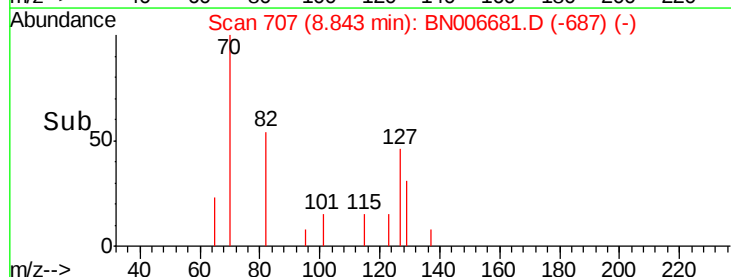
54 94.5 48.2 72.4#

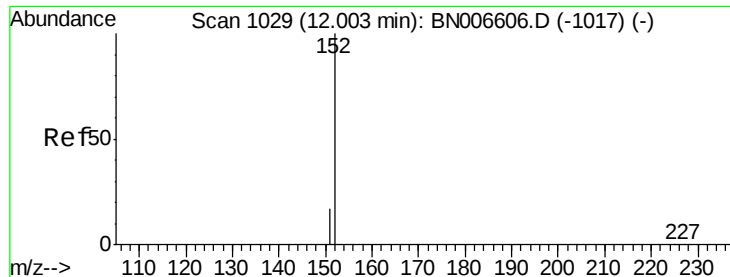


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

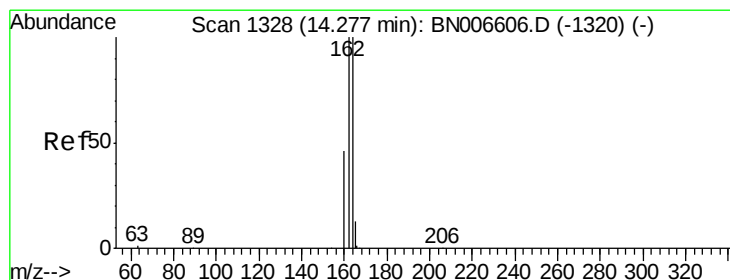
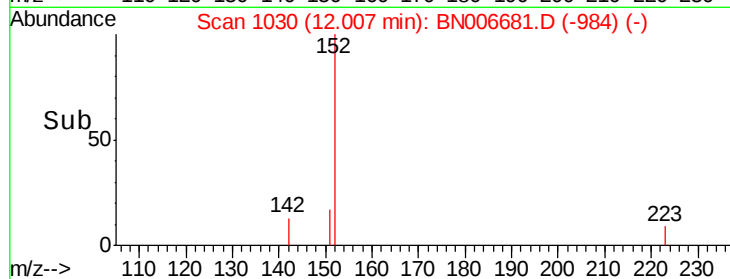
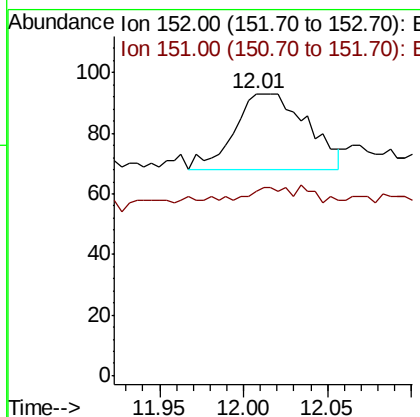
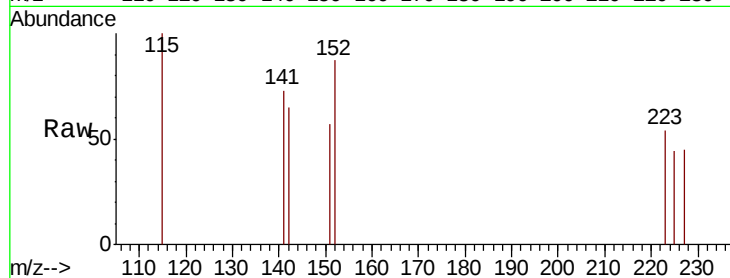




#11
 2-Methylnaphthalene-d10
 Concen: 0.003 ng
 RT: 12.01 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BN006681.D
 Acq: 02 Jul 2019 04:35

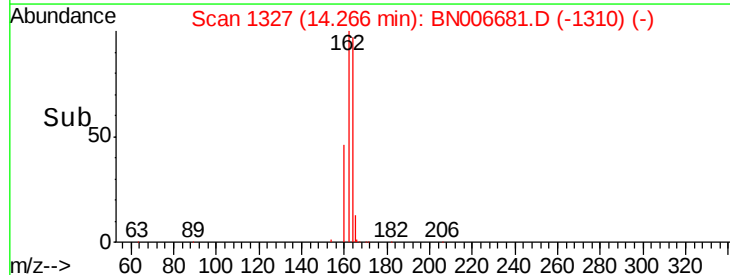
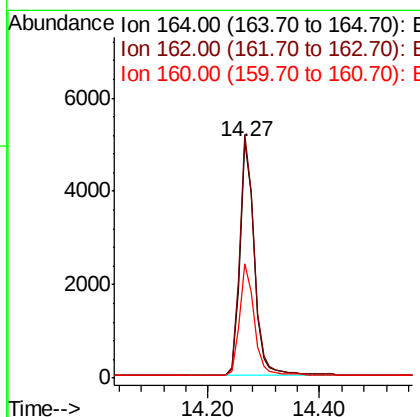
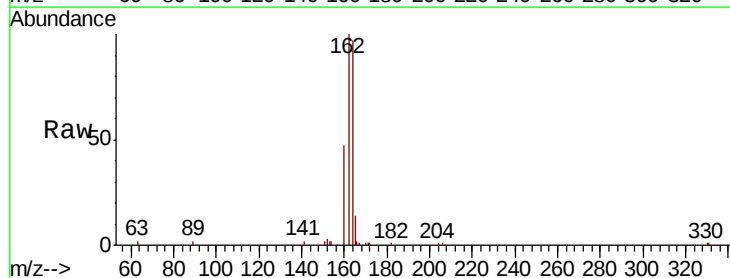
Instrument :
 BNA_N
 ClientSampled :
 MW-1DL

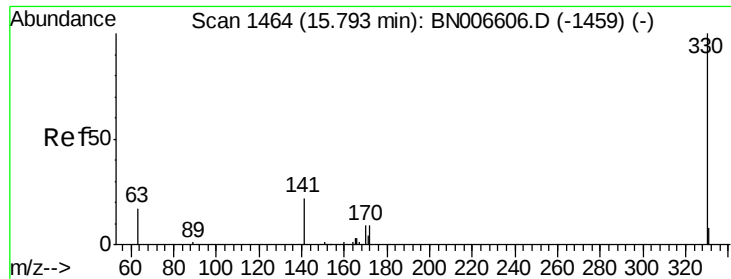
Tgt Ion:152 Resp: 76
 Ion Ratio Lower Upper
 152 100
 151 7.9 15.0 22.4#



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.27 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BN006681.D
 Acq: 02 Jul 2019 04:35

Tgt Ion:164 Resp: 8864
 Ion Ratio Lower Upper
 164 100
 162 102.9 80.0 120.0
 160 48.3 37.0 55.4

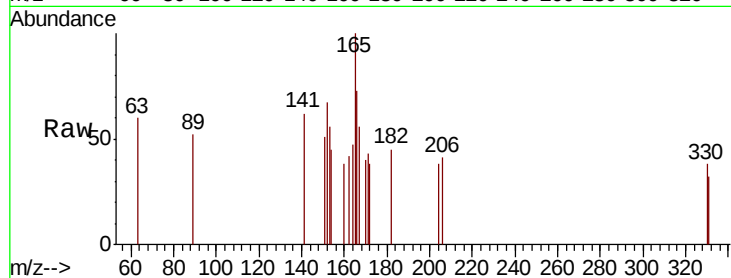




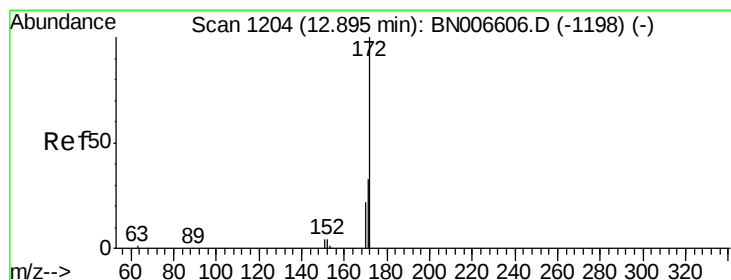
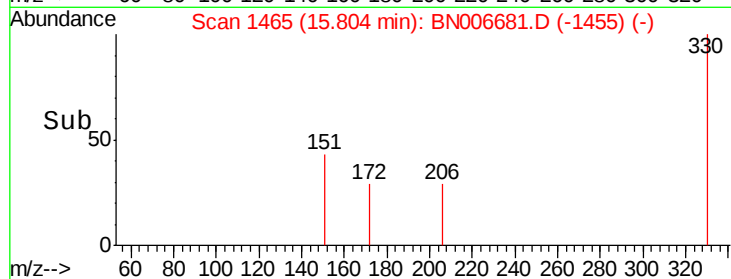
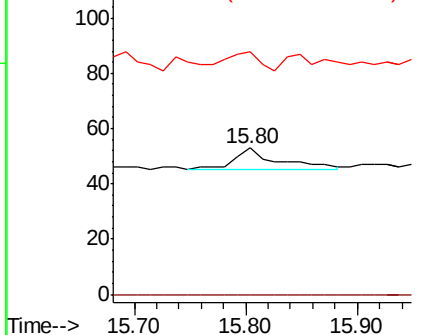
#14
 2,4,6-Tribromophenol
 Concen: 0.006 ng
 RT: 15.80 min Scan# 1465
 Delta R.T. 0.01 min
 Lab File: BN006681.D
 Acq: 02 Jul 2019 04:35

Instrument :
 BNA_N
 ClientSampled :
 MW-1DL

Tgt Ion: 330 Resp: 23
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 56.5 26.5 39.7#

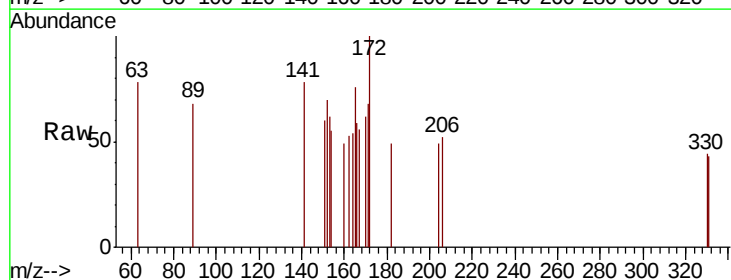


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

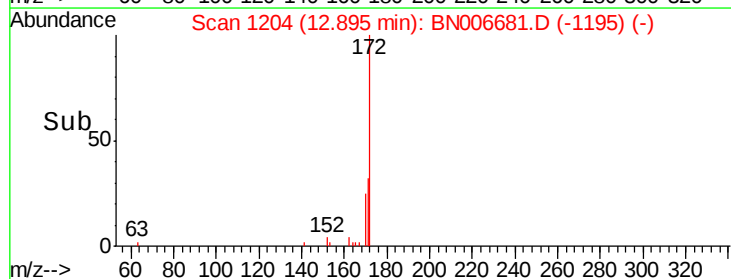
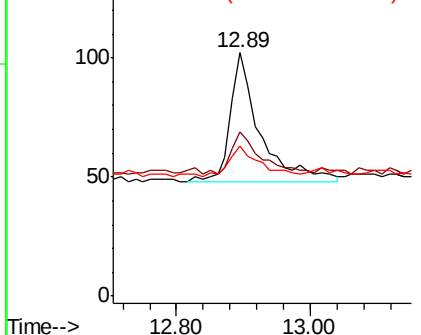


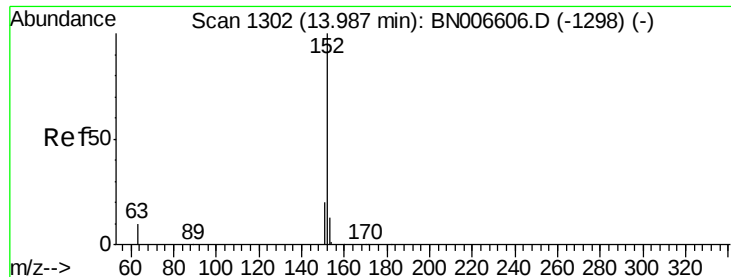
#15
 2-Fluorobiphenyl
 Concen: 0.005 ng
 RT: 12.89 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BN006681.D
 Acq: 02 Jul 2019 04:35

Tgt Ion: 172 Resp: 165
 Ion Ratio Lower Upper
 172 100
 171 67.6 27.0 40.4#
 170 61.8 17.7 26.5#



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





#16

Acenaphthylene

Concen: 0.103 ng

RT: 13.99 min Scan# 1302

Delta R.T. -0.00 min

Lab File: BN006681.D

Acq: 02 Jul 2019 04:35

Instrument :

BNA_N

ClientSampleId :

MW-1DL

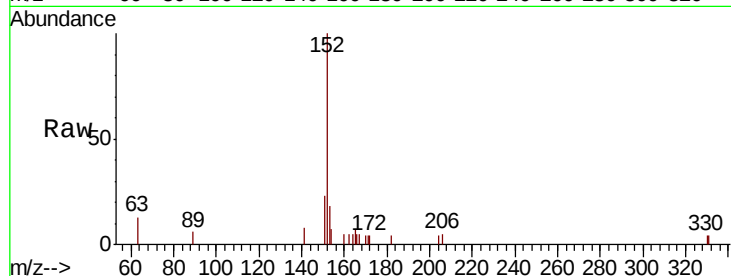
Tgt Ion:152 Resp: 4333

Ion Ratio Lower Upper

152 100

151 18.8 15.6 23.4

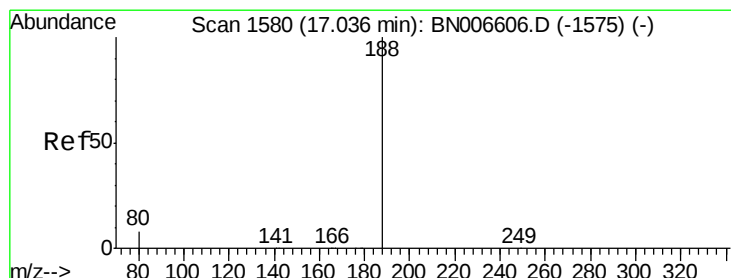
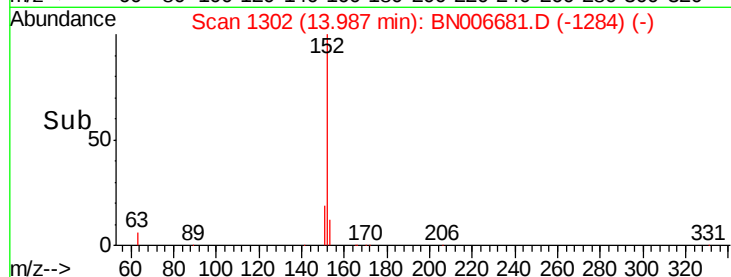
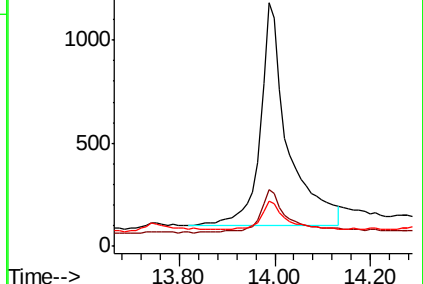
153 11.4 10.5 15.7



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



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.03 min Scan# 1579

Delta R.T. -0.01 min

Lab File: BN006681.D

Acq: 02 Jul 2019 04:35

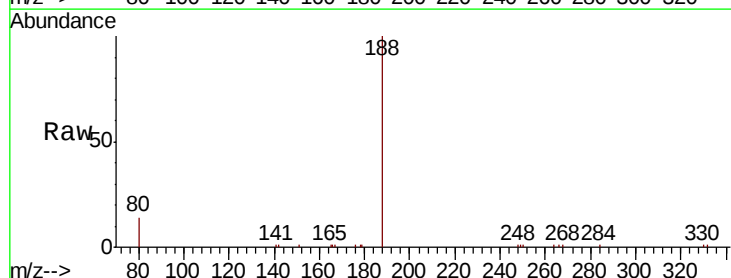
Tgt Ion:188 Resp: 18715

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

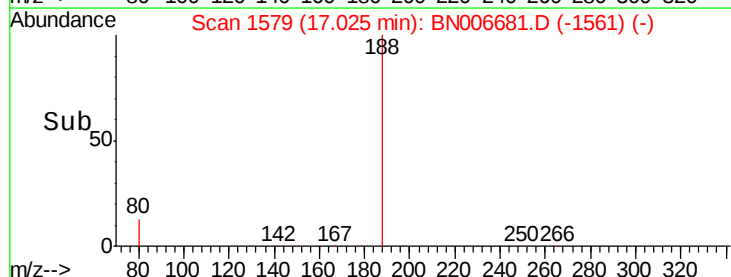
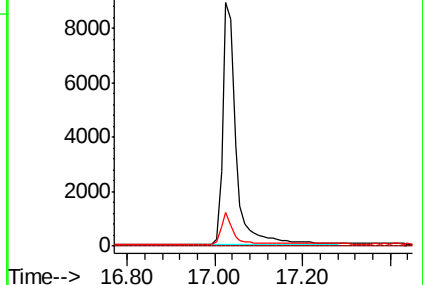
80 13.8 7.1 10.7#

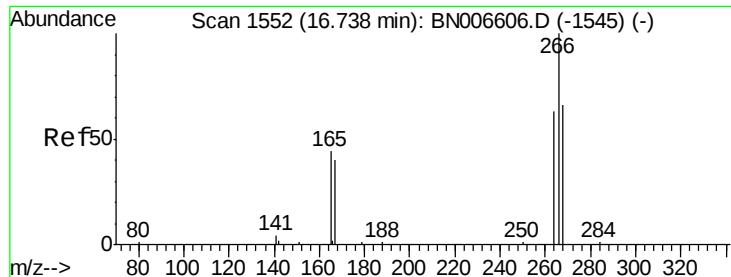


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#22

Pentachlorophenol

Concen: 0.192 ng

RT: 16.74 min Scan# 1552

Delta R.T. 0.00 min

Lab File: BN006681.D

Acq: 02 Jul 2019 04:35

Instrument :

BNA_N

ClientSampleId :

MW-1DL

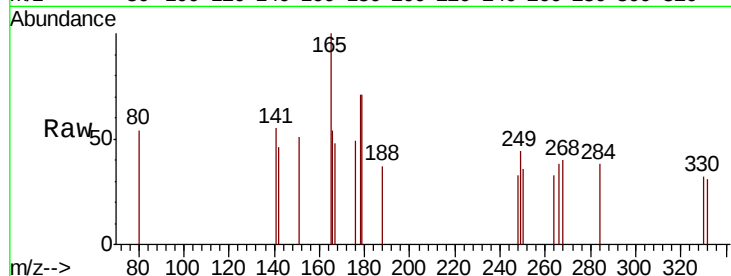
Tgt Ion: 266 Resp: 2

Ion Ratio Lower Upper

266 100

264 85.7 56.2 84.4#

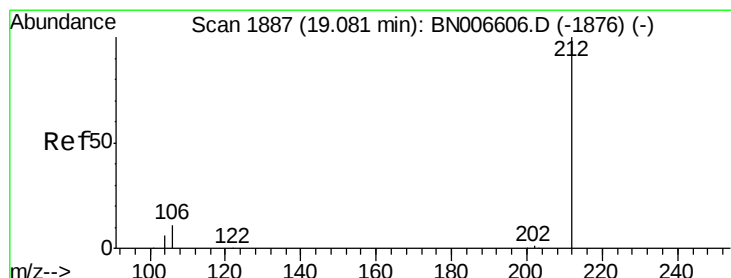
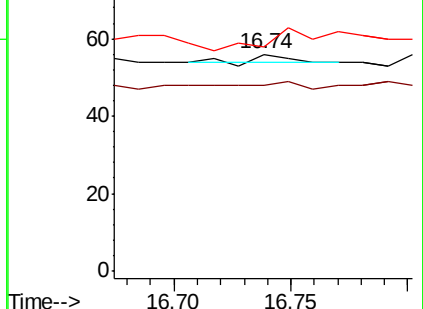
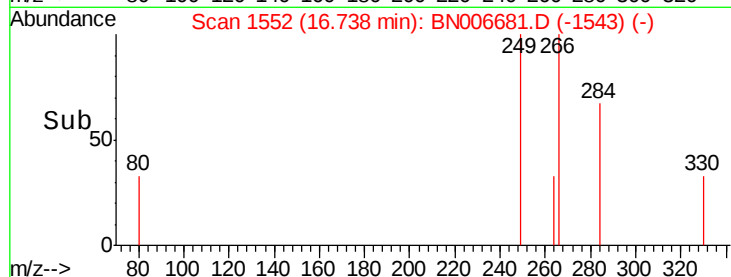
268 103.6 63.0 94.4#



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: 0.004 ng

RT: 19.08 min Scan# 1886

Delta R.T. -0.01 min

Lab File: BN006681.D

Acq: 02 Jul 2019 04:35

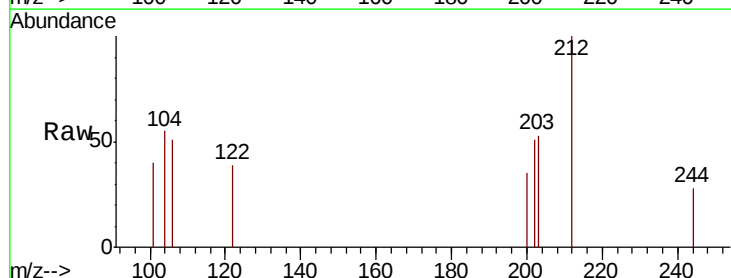
Tgt Ion: 212 Resp: 214

Ion Ratio Lower Upper

212 100

106 15.4 10.6 15.8

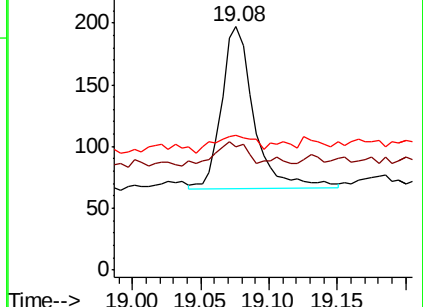
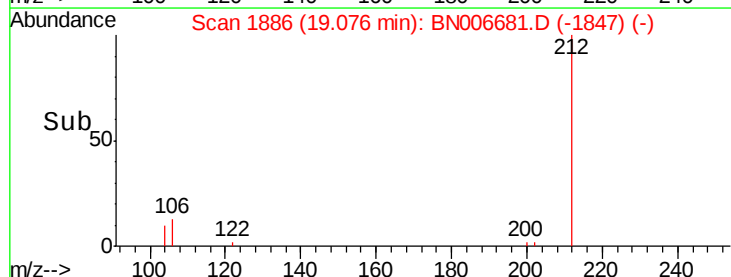
104 13.6 5.8 8.6#

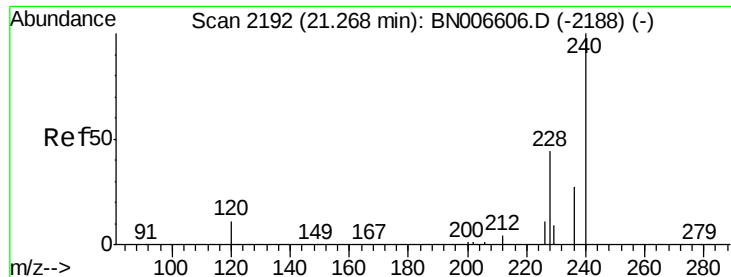


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

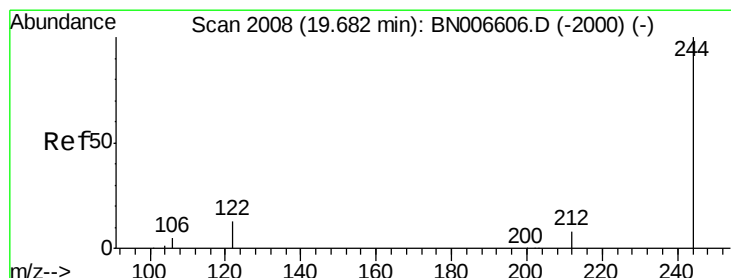
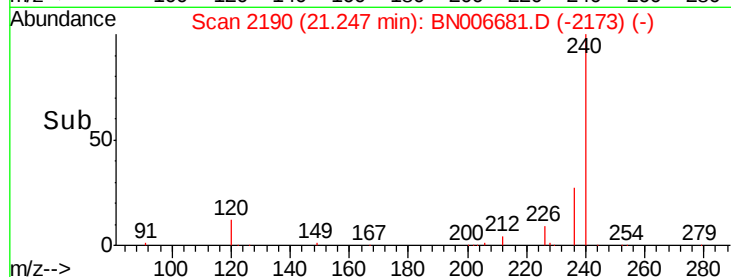
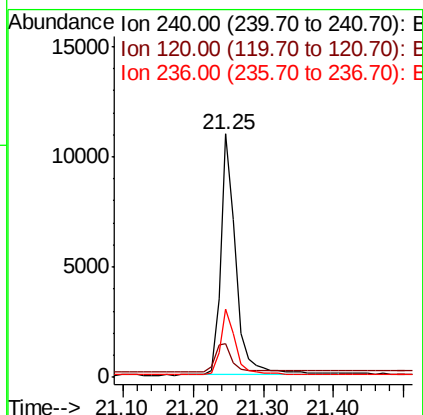
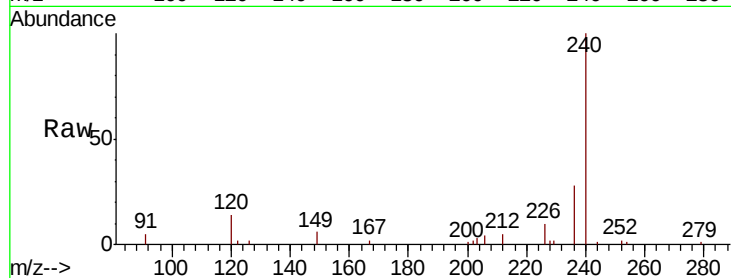




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 2190
Delta R.T. -0.02 min
Lab File: BN006681.D
Acq: 02 Jul 2019 04:35

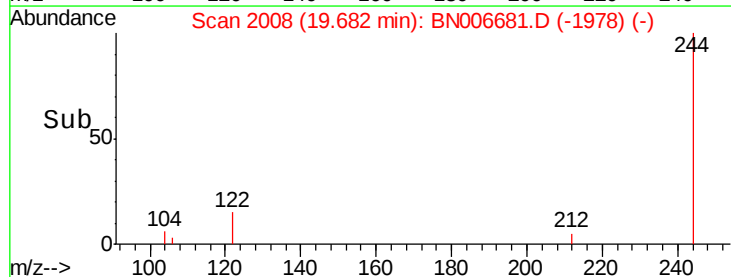
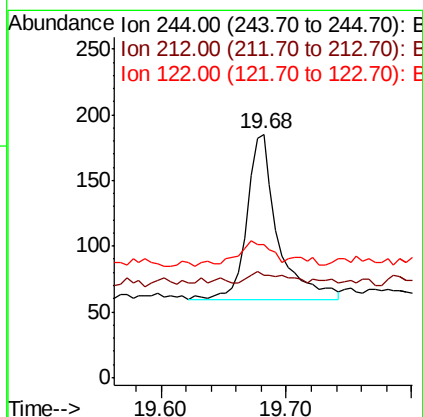
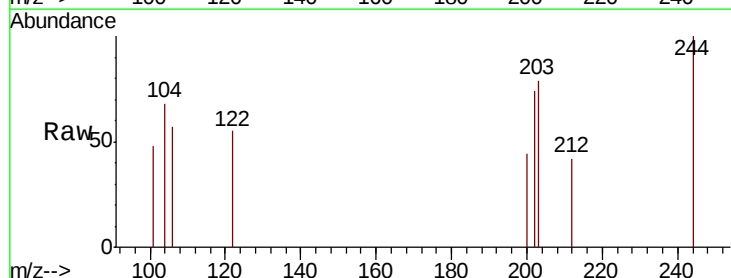
Instrument :
BNA_N
ClientSampleId :
MW-1DL

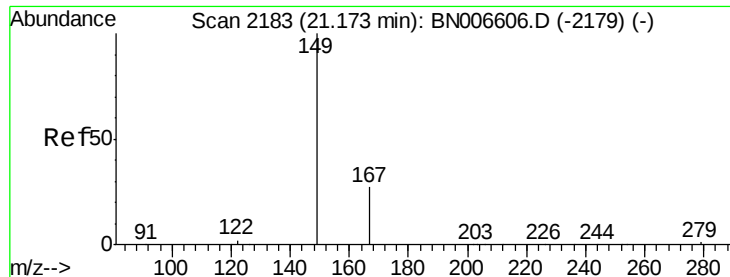
Tgt Ion:240 Resp: 16732
Ion Ratio Lower Upper
240 100
120 13.8 9.9 14.9
236 28.2 22.2 33.4



#29
Terphenyl-d14
Concen: 0.006 ng
RT: 19.68 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BN006681.D
Acq: 02 Jul 2019 04:35

Tgt Ion:244 Resp: 218
Ion Ratio Lower Upper
244 100
212 42.2 6.7 10.1#
122 54.6 11.0 16.6#





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.031 ng

RT: 21.15 min Scan# 2181

Delta R.T. -0.02 min

Lab File: BN006681.D

Acq: 02 Jul 2019 04:35

Instrument :

BNA_N

ClientSampleId :

MW-1DL

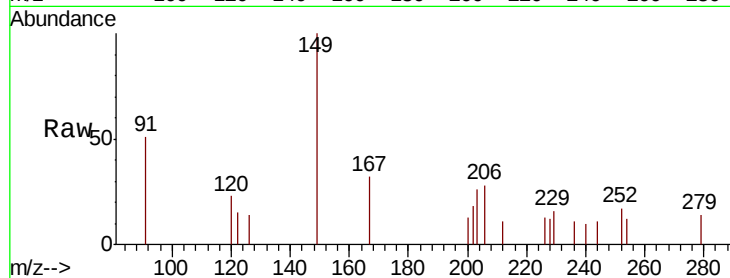
Tgt Ion:149 Resp: 844

Ion Ratio Lower Upper

149 100

167 24.9 22.9 34.3

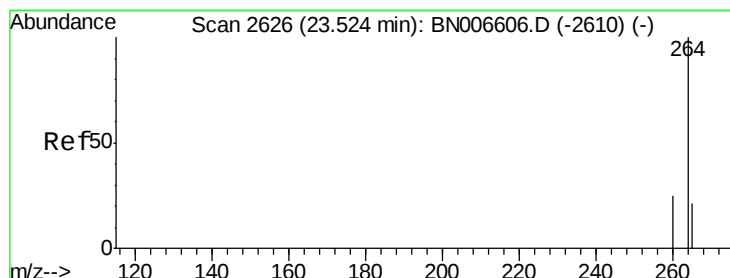
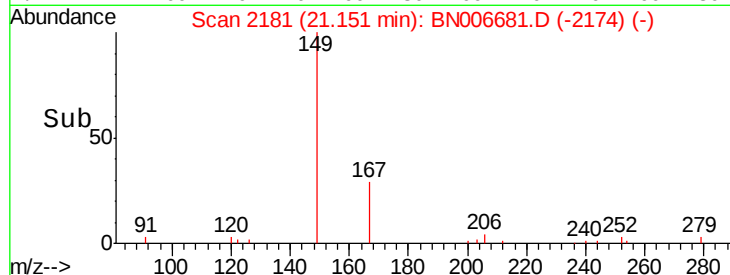
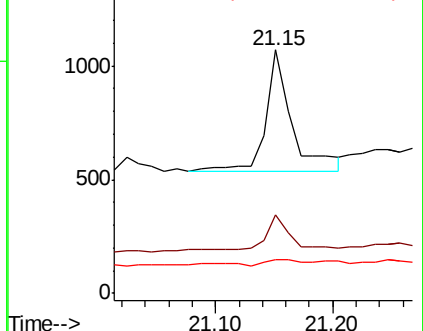
279 7.9 3.3 4.9#



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# 2613

Delta R.T. -0.04 min

Lab File: BN006681.D

Acq: 02 Jul 2019 04:35

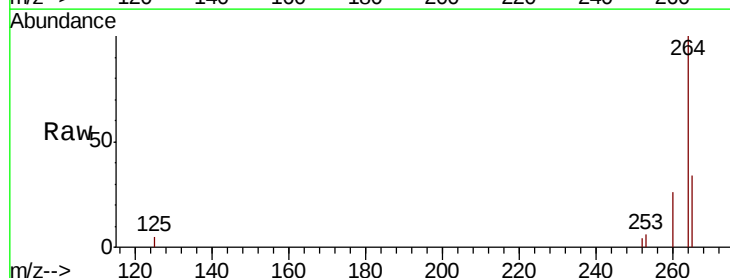
Tgt Ion:264 Resp: 19498

Ion Ratio Lower Upper

264 100

260 25.6 20.2 30.2

265 34.1 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

