

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012420\
 Data File : BN009431.D
 Acq On : 23 Jan 2020 19:40
 Operator : CG/JU
 Sample : L1218-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-8

Quant Time: Jan 24 12:24:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN011420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 14 09:33:55 2020
 Response via : Initial Calibration

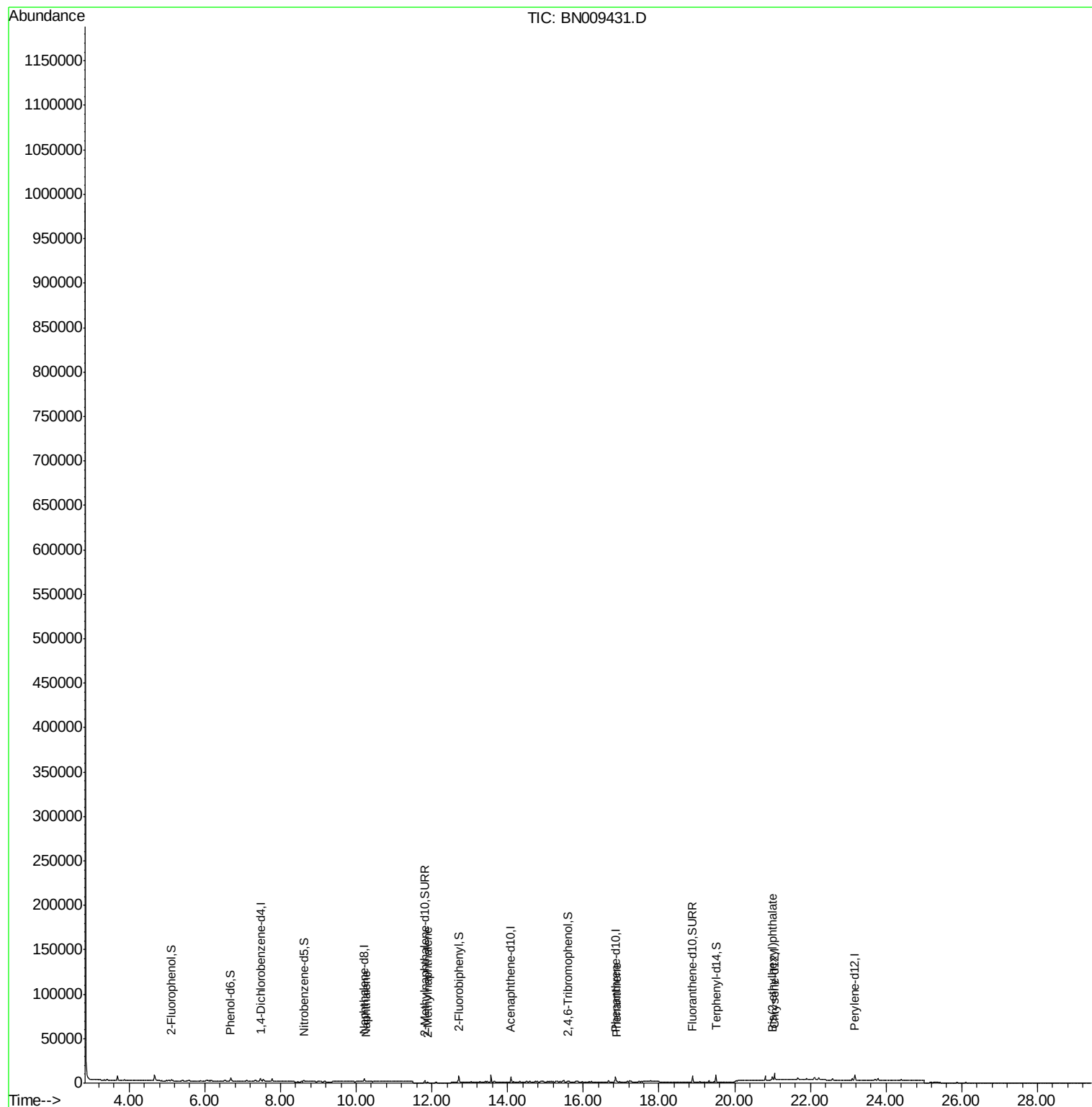
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	1421	0.40	ng	0.00
7) Naphthalene-d8	10.22	136	5247	0.40	ng	-0.01
13) Acenaphthene-d10	14.09	164	3450	0.40	ng	-0.02
19) Phenanthrene-d10	16.85	188	7422	0.40	ng	-0.02
27) Chrysene-d12	21.06	240	7156	0.40	ng	-0.01
34) Perylene-d12	23.17	264	7897	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.12	112	941	0.29	ng	0.00
5) Phenol-d6	6.66	99	866	0.23	ng	-0.02
8) Nitrobenzene-d5	8.62	82	1660	0.40	ng	-0.01
11) 2-Methylnaphthalene-d10	11.81	152	3447	0.34	ng	-0.02
14) 2,4,6-Tribromophenol	15.60	330	767	0.59	ng	-0.03
15) 2-Fluorobiphenyl	12.71	172	6053	0.47	ng	-0.02
25) Fluoranthene-d10	18.89	212	9279	0.36	ng	-0.01
29) Terphenyl-d14	19.50	244	8755	0.52	ng	-0.02
Target Compounds						
9) Naphthalene	10.27	128	518	0.036	ng	# 64
12) 2-Methylnaphthalene	11.89	142	589	0.060	ng	# 93
23) Phenanthrene	16.89	178	755	0.034	ng	# 89
32) Bis(2-ethylhexyl)phthalate	20.99	149	3169	0.305	ng	99

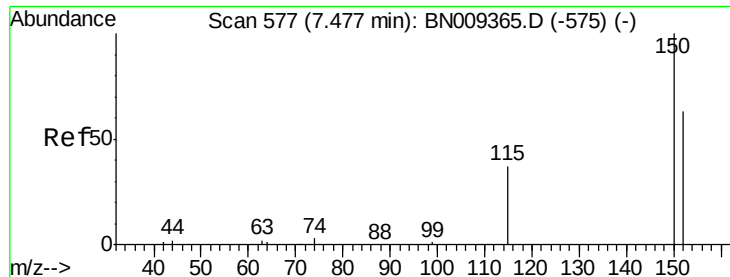
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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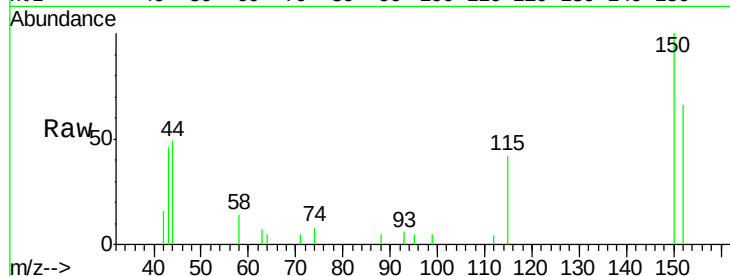


#1

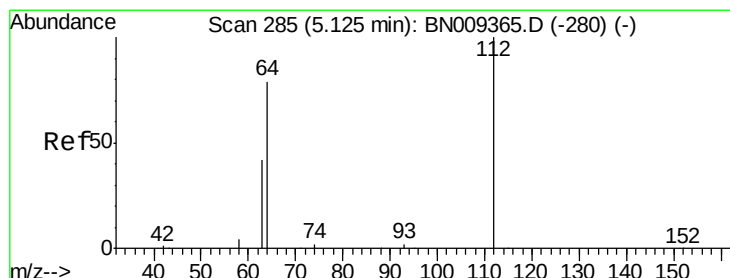
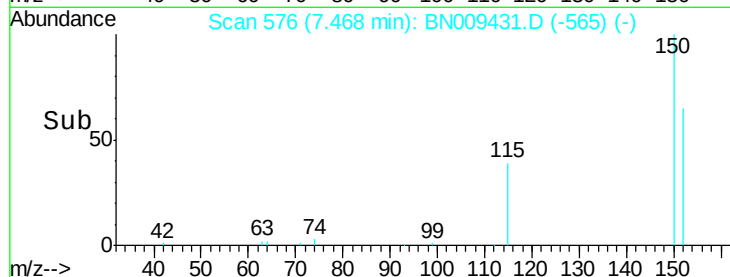
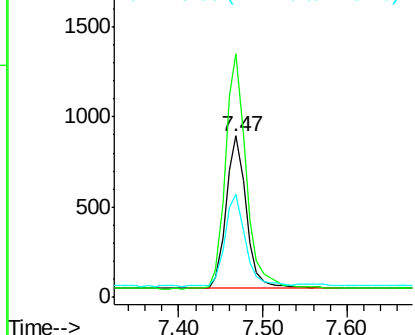
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BN009431.D
Acq: 23 Jan 2020 19:40

Instrument :
BNA_N
ClientSampleId :
MW-8

Tot Ion:152 Resp: 1421
Ion Ratio Lower Upper
152 100
150 151.2 125.7 188.5
115 63.8 53.3 79.9



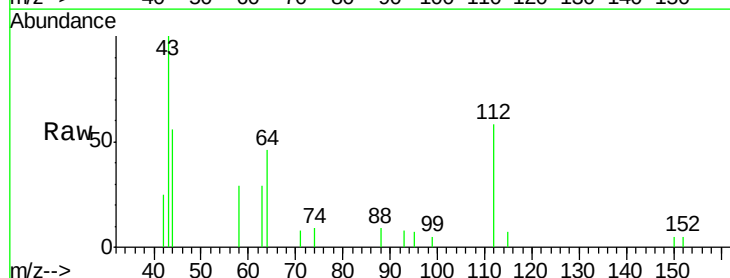
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



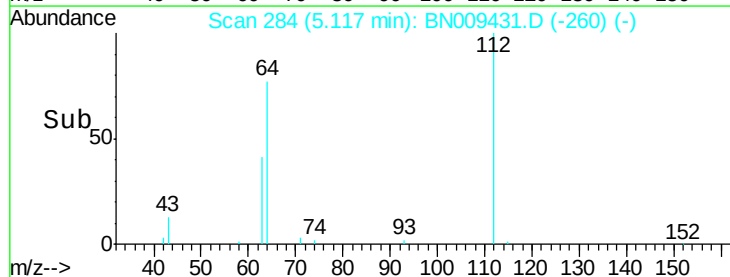
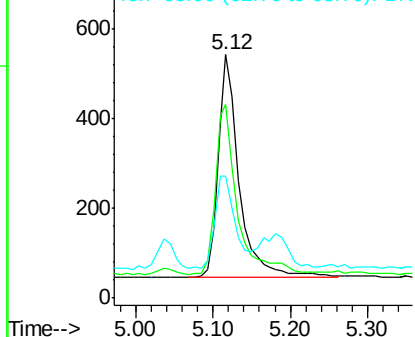
#4

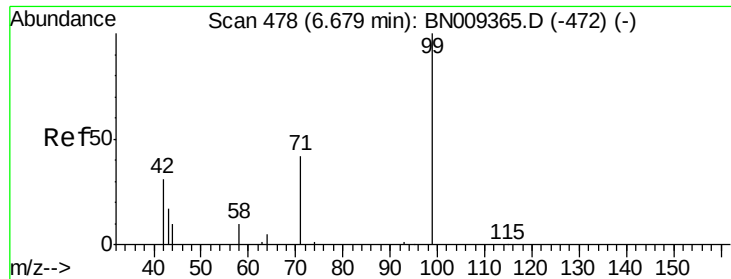
2-Fluorophenol
Concen: 0.288 ng
RT: 5.12 min Scan# 284
Delta R.T. -0.01 min
Lab File: BN009431.D
Acq: 23 Jan 2020 19:40

Tgt Ion:112 Resp: 941
Ion Ratio Lower Upper
112 100
64 80.7 61.5 92.3
63 41.1 35.0 52.4



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: 0.229 ng

RT: 6.66 min Scan# 476

Delta R.T. -0.02 min

Lab File: BN009431.D

Acq: 23 Jan 2020 19:40

Instrument :

BNA_N

ClientSampleId :

MW-8

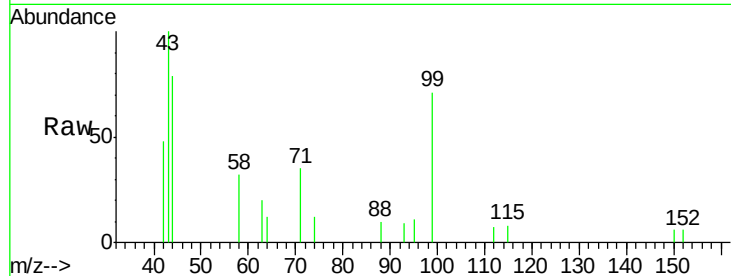
Tot Ion: 99 Resp: 866

Ion Ratio Lower Upper

99 100

42 88.7 27.6 41.4#

71 48.8 33.0 49.6



Abundance Ion 99.00 (98.70 to 99.70): BN009431.D (-472) (-)

Ion 42.00 (41.70 to 42.70): BN009431.D (-472) (-)

Ion 71.00 (70.70 to 71.70): BN009431.D (-472) (-)

6.66

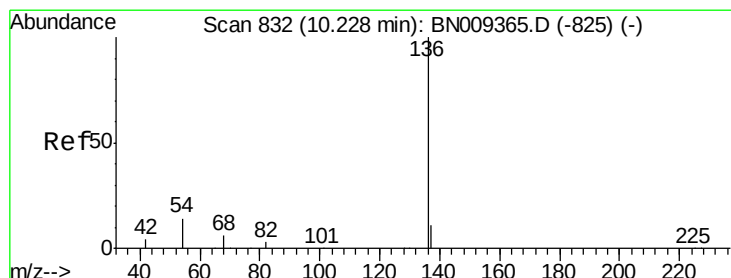
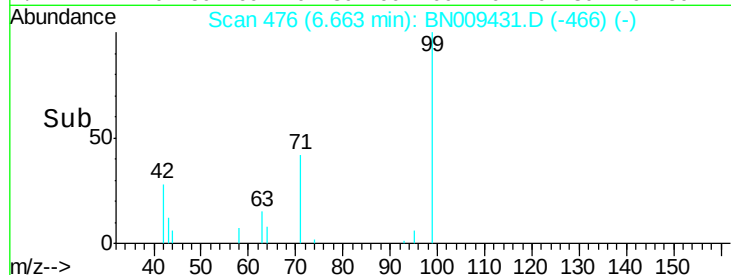
400

200

0

6.60 6.70 6.80

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.22 min Scan# 831

Delta R.T. -0.01 min

Lab File: BN009431.D

Acq: 23 Jan 2020 19:40

Tgt Ion: 136 Resp: 5247

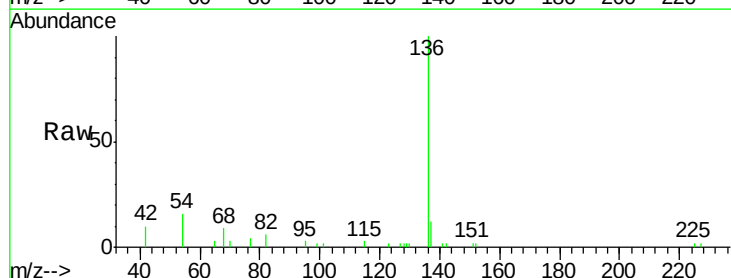
Ion Ratio Lower Upper

136 100

137 12.4 10.3 15.5

54 16.1 12.6 19.0

68 8.6 6.5 9.7



Abundance Ion 136.00 (135.70 to 136.70): BN009431.D (-816) (-)

Ion 137.00 (136.70 to 137.70): BN009431.D (-816) (-)

Ion 54.00 (53.70 to 54.70): BN009431.D (-816) (-)

Ion 68.00 (67.70 to 68.70): BN009431.D (-816) (-)

10.22

4000

3000

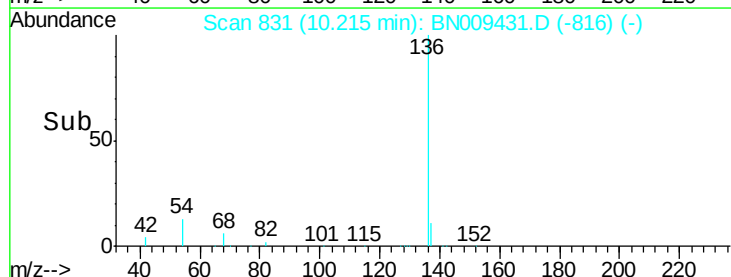
2000

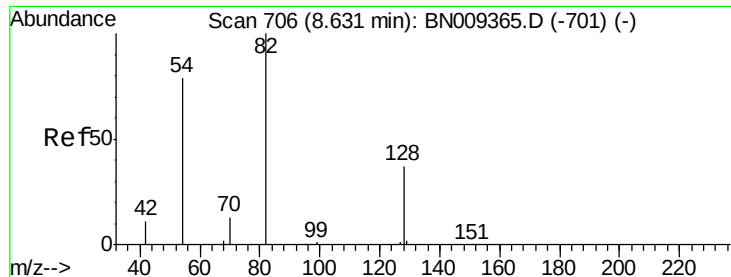
1000

0

10.20 10.40

Time-->





#8

Nitrobenzene-d5

Concen: 0.397 ng

RT: 8.62 min Scan# 705

Delta R.T. -0.01 min

Lab File: BN009431.D

Acq: 23 Jan 2020 19:40

Instrument :

BNA_N

ClientSampleId :

MW-8

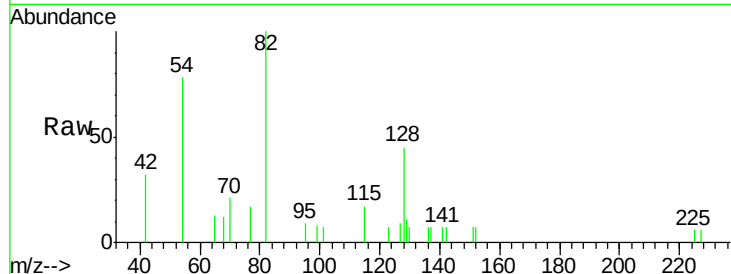
Tot Ion: 82 Resp: 1660

Ion Ratio Lower Upper

82 100

128 44.6 34.8 52.2

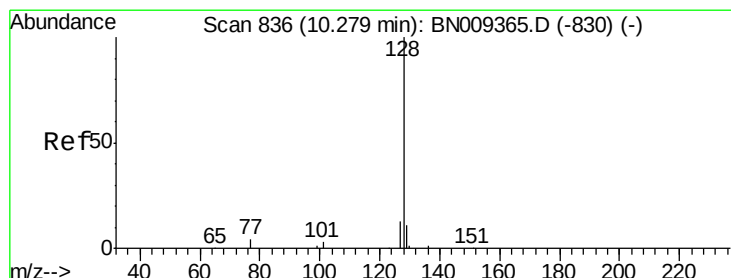
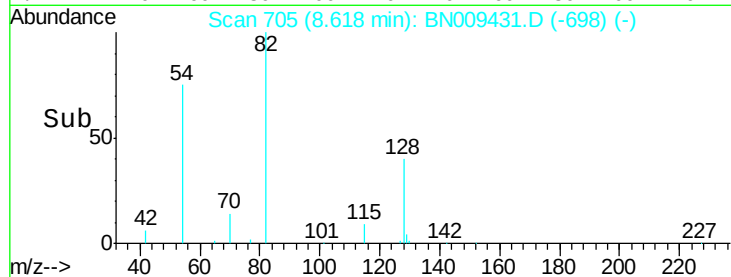
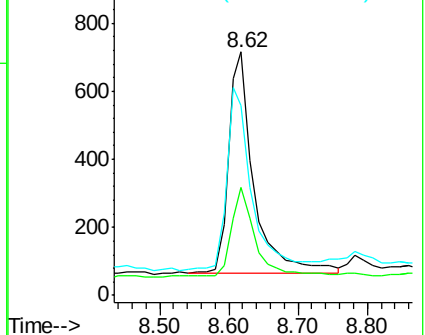
54 77.9 65.8 98.6



Abundance Ion 82.00 (81.70 to 82.70): BN009431.D (-698) (-)

Ion 128.00 (127.70 to 128.70): BN009431.D (-698) (-)

Ion 54.00 (53.70 to 54.70): BN009431.D (-698) (-)



#9

Naphthalene

Concen: 0.036 ng

RT: 10.27 min Scan# 835

Delta R.T. -0.01 min

Lab File: BN009431.D

Acq: 23 Jan 2020 19:40

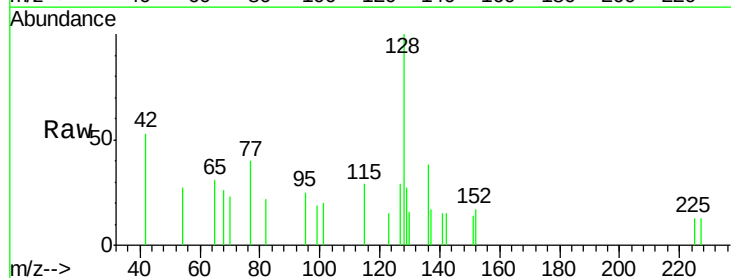
Tgt Ion: 128 Resp: 518

Ion Ratio Lower Upper

128 100

129 27.3 10.4 15.6#

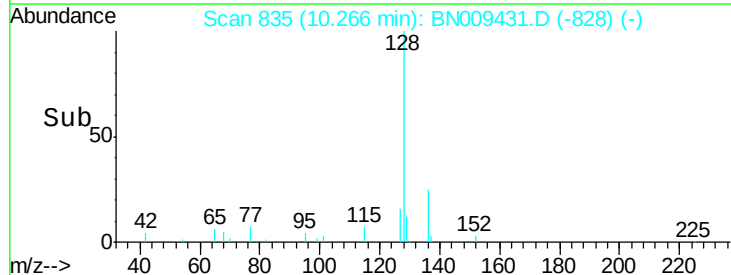
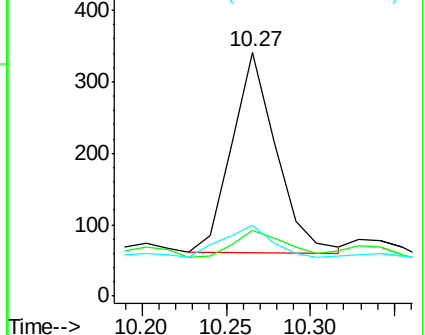
127 29.0 11.4 17.2#

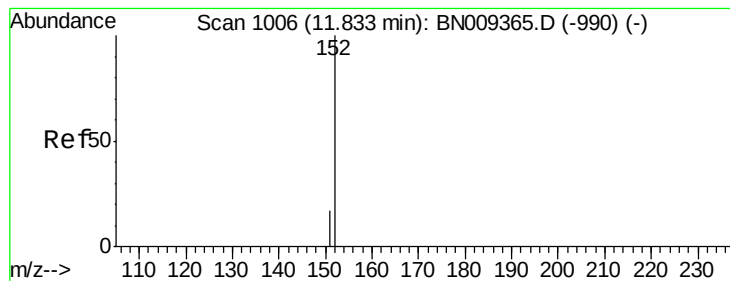


Abundance Ion 128.00 (127.70 to 128.70): BN009431.D (-828) (-)

Ion 129.00 (128.70 to 129.70): BN009431.D (-828) (-)

Ion 127.00 (126.70 to 127.70): BN009431.D (-828) (-)





#11

2-Methylnaphthalene-d10

Concen: 0.340 ng

RT: 11.81 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BN009431.D

Acq: 23 Jan 2020 19:40

Instrument :

BNA_N

ClientSampleId :

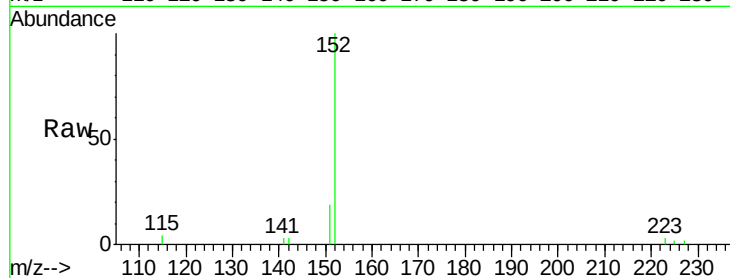
MW-8

Tot Ion:152 Resp: 3447

Ion Ratio Lower Upper

152 100

151 18.6 14.8 22.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

2000

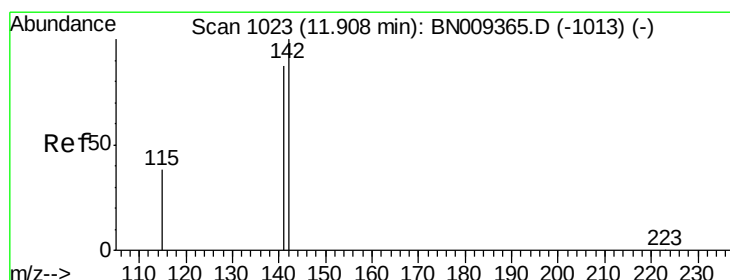
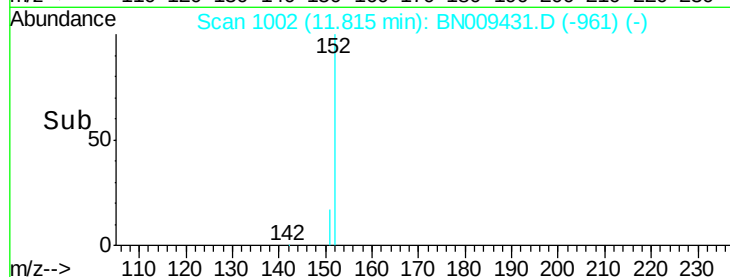
1500

1000

500

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.060 ng

RT: 11.89 min Scan# 1019

Delta R.T. -0.02 min

Lab File: BN009431.D

Acq: 23 Jan 2020 19:40

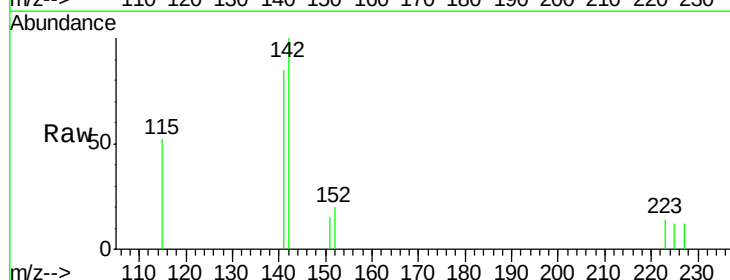
Tgt Ion:142 Resp: 589

Ion Ratio Lower Upper

142 100

141 85.3 69.8 104.6

115 52.4 32.5 48.7#



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

500

400

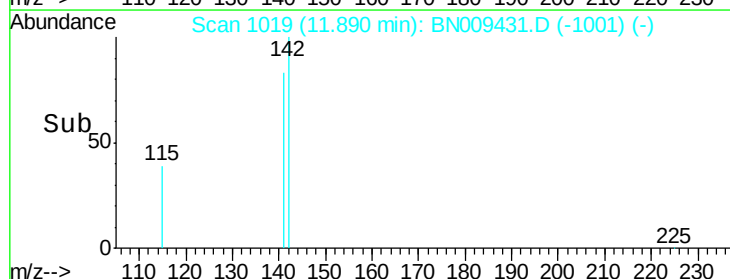
300

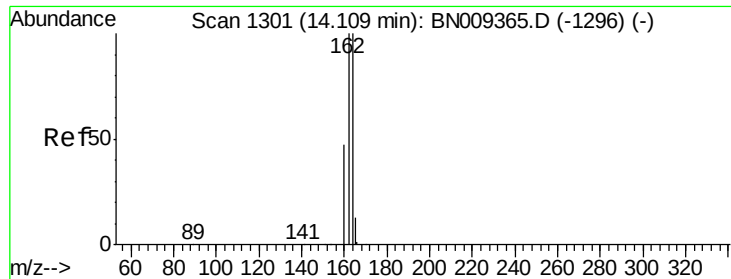
200

100

0

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.09 min Scan# 1300

Delta R.T. -0.02 min

Lab File: BN009431.D

Acq: 23 Jan 2020 19:40

Instrument :

BNA_N

ClientSampleId :

MW-8

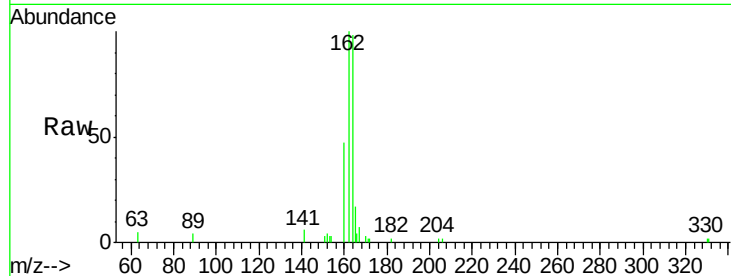
Tot Ion:164 Resp: 3450

Ion Ratio Lower Upper

164 100

162 101.9 79.8 119.6

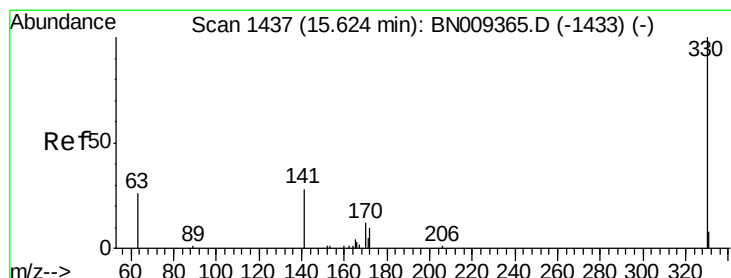
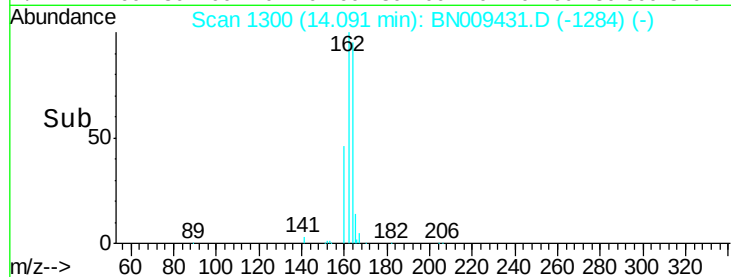
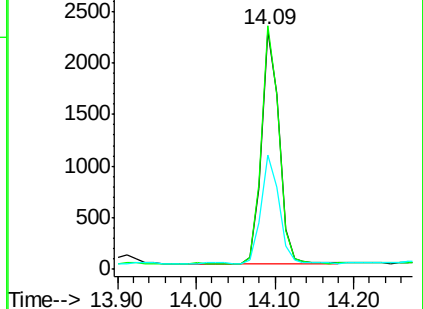
160 47.9 38.4 57.6



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: 0.588 ng

RT: 15.60 min Scan# 1435

Delta R.T. -0.03 min

Lab File: BN009431.D

Acq: 23 Jan 2020 19:40

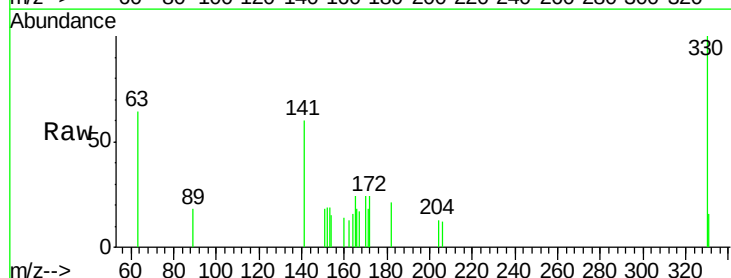
Tgt Ion:330 Resp: 767

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

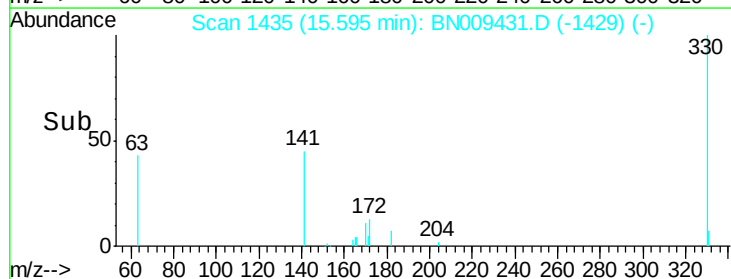
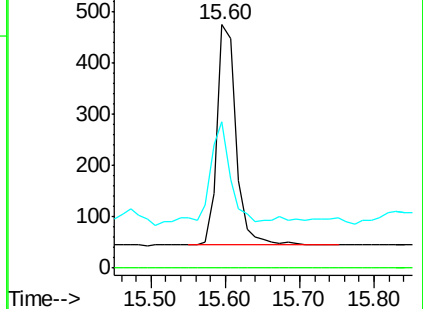
141 44.7 33.1 49.7

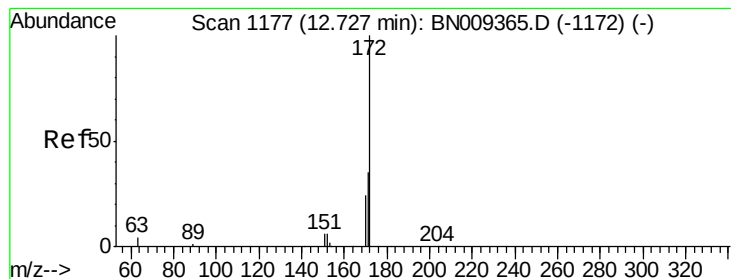


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.469 ng

RT: 12.71 min Scan# 1176

Delta R.T. -0.02 min

Lab File: BN009431.D

Acq: 23 Jan 2020 19:40

Instrument :

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MW-8

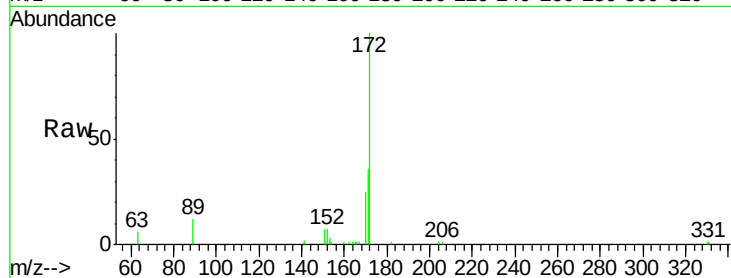
Tot Ion:172 Resp: 6053

Ion Ratio Lower Upper

172 100

171 35.9 29.5 44.3

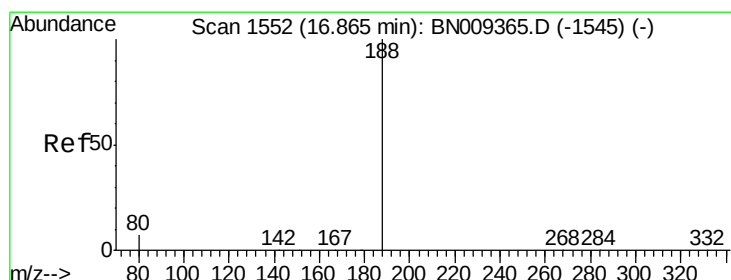
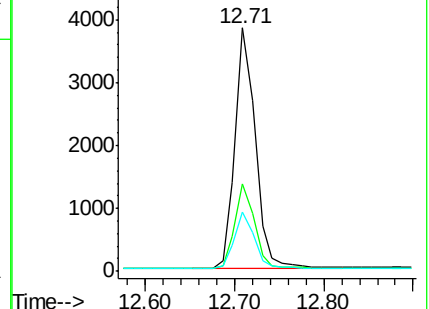
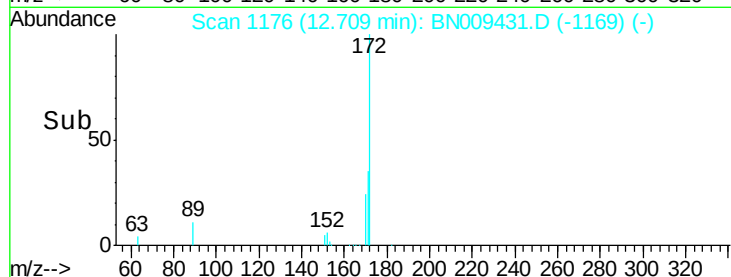
170 24.6 20.7 31.1



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



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.85 min Scan# 1551

Delta R.T. -0.02 min

Lab File: BN009431.D

Acq: 23 Jan 2020 19:40

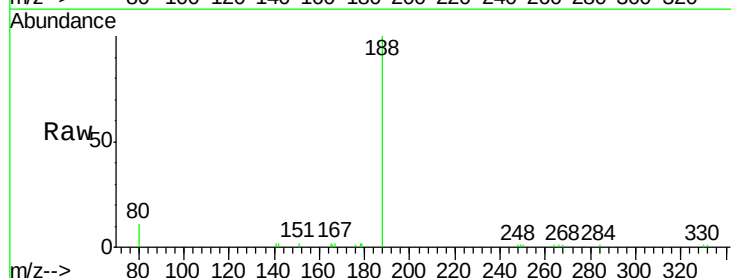
Tgt Ion:188 Resp: 7422

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

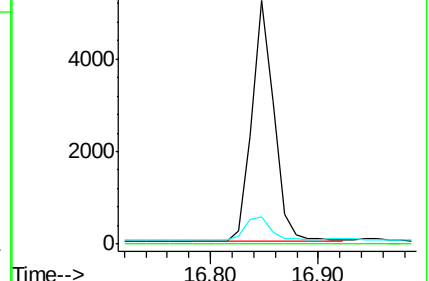
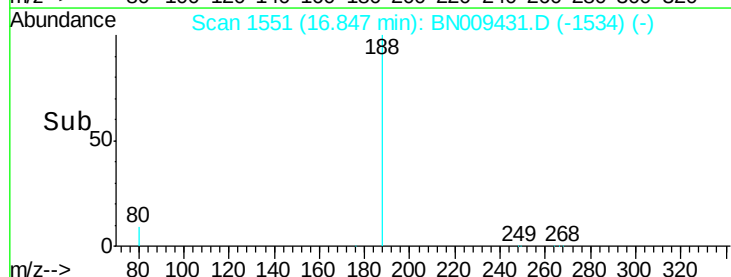
80 11.0 6.6 10.0#

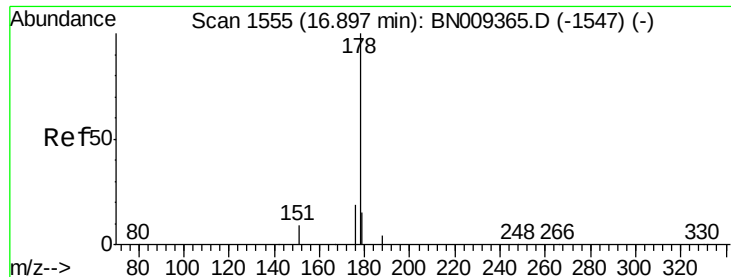


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#23

Phenanthrene

Concen: 0.034 ng

RT: 16.89 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BN009431.D

Acq: 23 Jan 2020 19:40

Instrument :

BNA_N

ClientSampleId :

MW-8

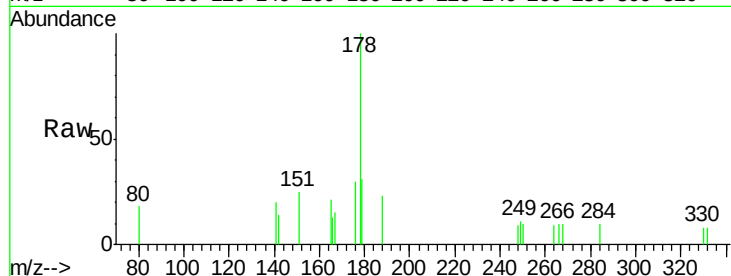
Tot Ion:178 Resp: 755

Ion Ratio Lower Upper

178 100

176 19.5 15.0 22.4

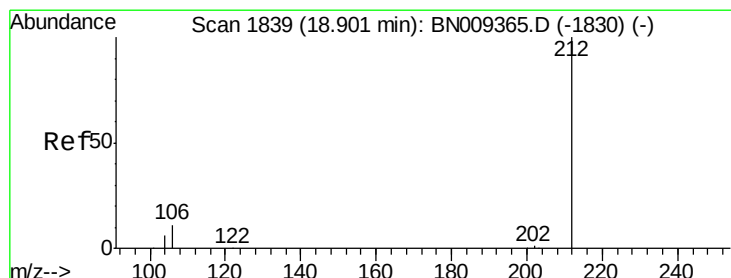
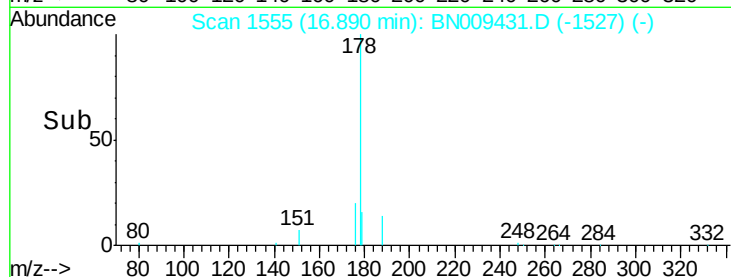
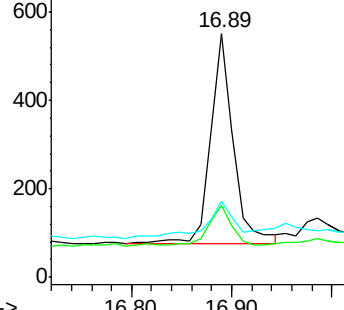
179 25.2 12.3 18.5#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#25

Fluoranthene-d10

Concen: 0.365 ng

RT: 18.89 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BN009431.D

Acq: 23 Jan 2020 19:40

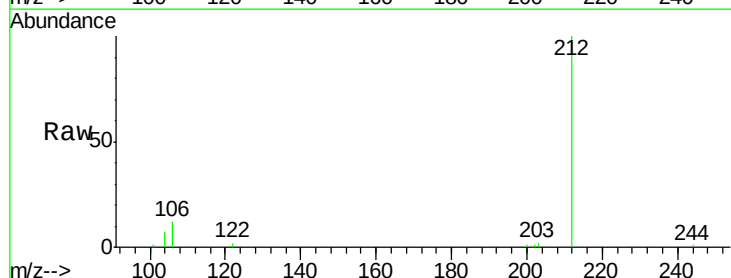
Tgt Ion:212 Resp: 9279

Ion Ratio Lower Upper

212 100

106 11.9 9.2 13.8

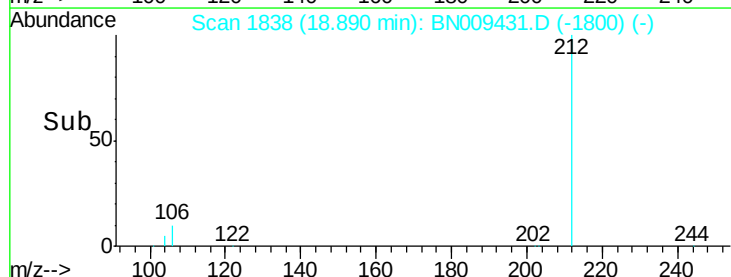
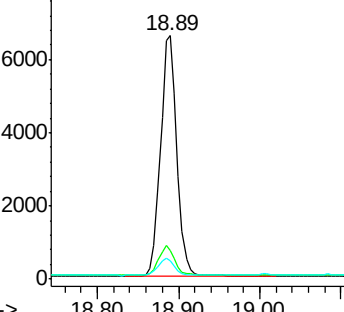
104 7.1 5.4 8.0

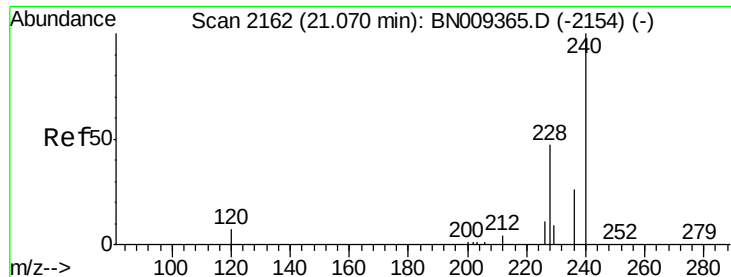


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

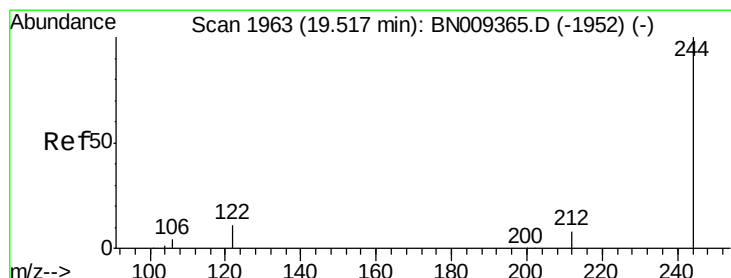
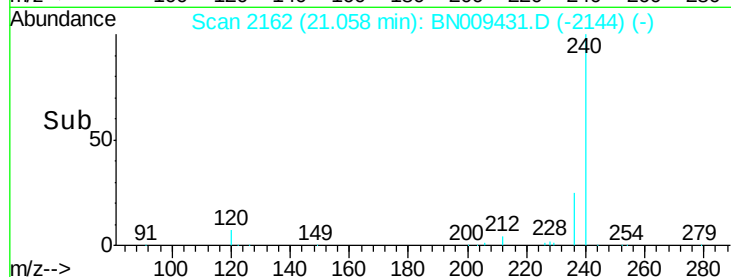
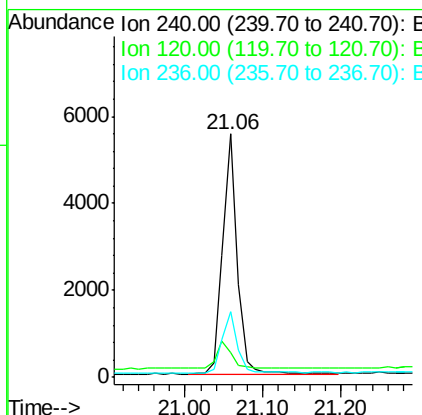
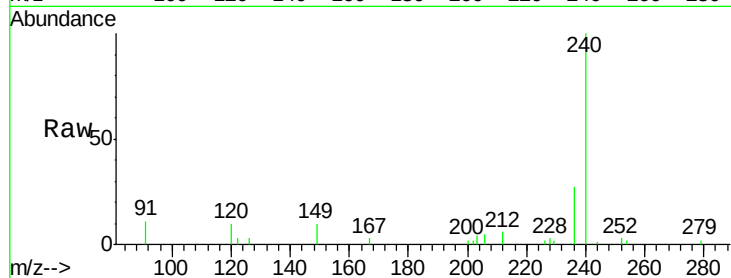




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.06 min Scan# 2162
 Delta R.T. -0.01 min
 Lab File: BN009431.D
 Acq: 23 Jan 2020 19:40

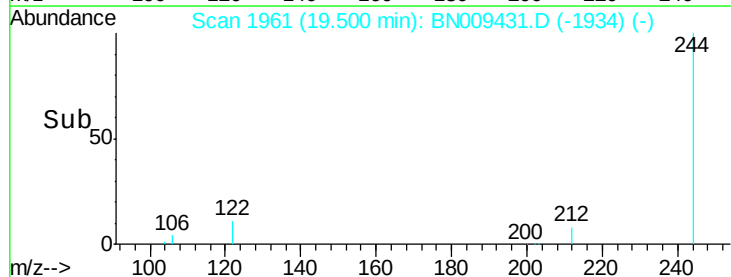
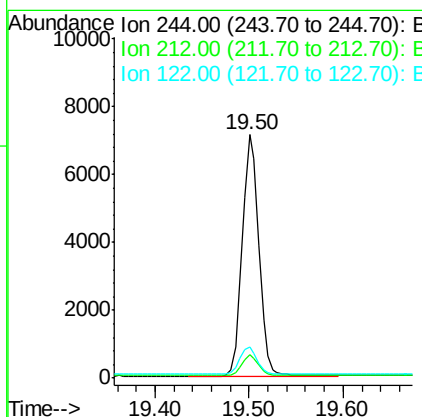
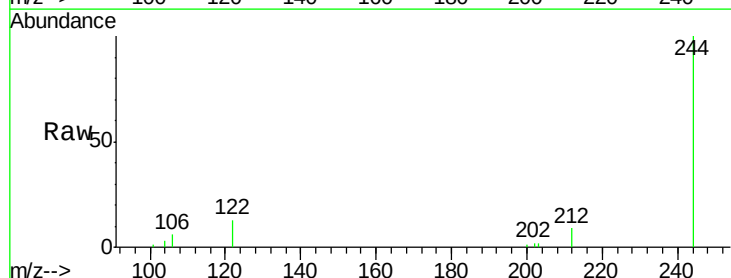
Instrument :
 BNA_N
 ClientSampleId :
 MW-8

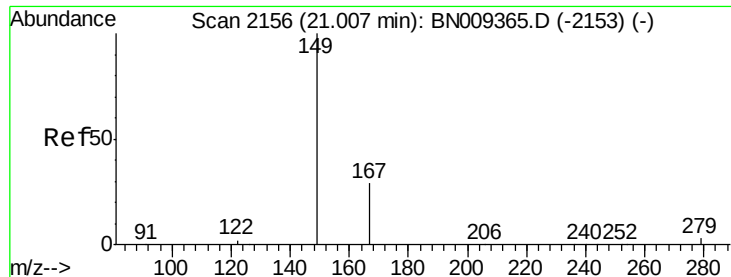
Tot Ion:240 Resp: 7156
 Ion Ratio Lower Upper
 240 100
 120 10.4 8.1 12.1
 236 27.0 22.2 33.4



#29
 Terphenyl-d14
 Concen: 0.516 ng
 RT: 19.50 min Scan# 1961
 Delta R.T. -0.02 min
 Lab File: BN009431.D
 Acq: 23 Jan 2020 19:40

Tgt Ion:244 Resp: 8755
 Ion Ratio Lower Upper
 244 100
 212 9.4 7.5 11.3
 122 13.0 9.8 14.6

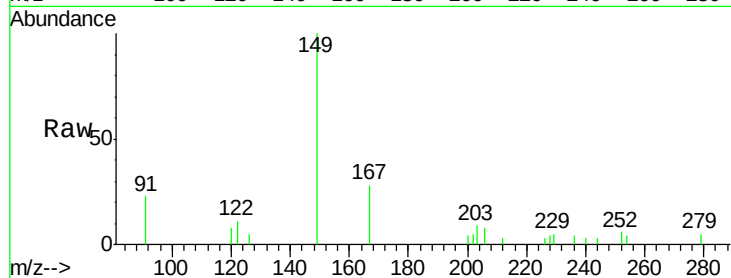




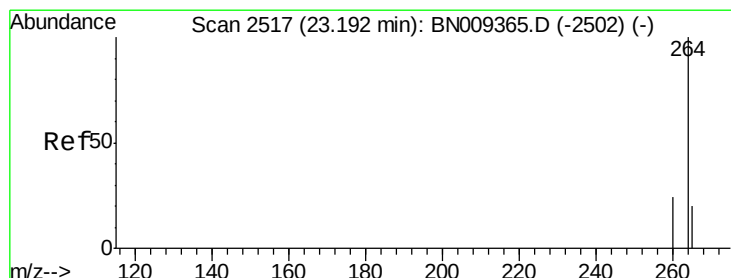
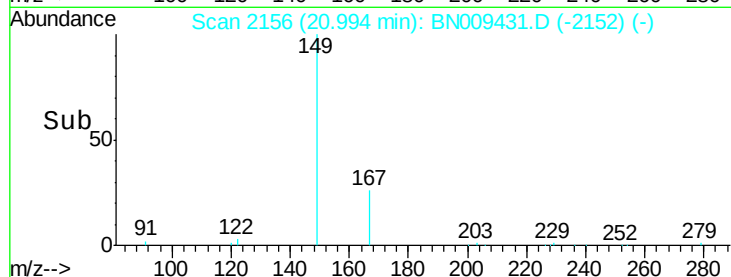
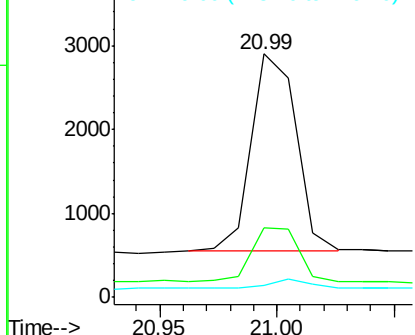
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.305 ng
 RT: 20.99 min Scan# 2156
 Delta R.T. -0.01 min
 Lab File: BN009431.D
 Acq: 23 Jan 2020 19:40

Instrument :
 BNA_N
 ClientSampleId :
 MW-8

Tot Ion:149 Resp: 3169
 Ion Ratio Lower Upper
 149 100
 167 28.9 22.9 34.3
 279 4.0 3.4 5.0

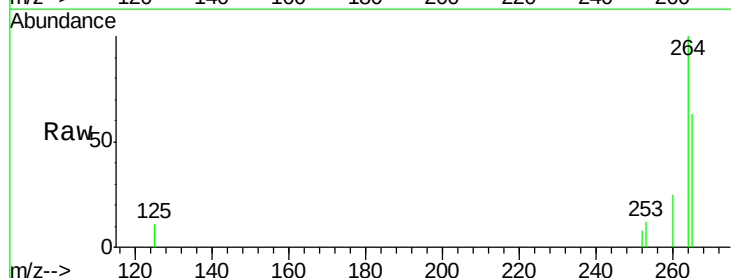


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.17 min Scan# 2513
 Delta R.T. -0.02 min
 Lab File: BN009431.D
 Acq: 23 Jan 2020 19:40

Tgt Ion:264 Resp: 7897
 Ion Ratio Lower Upper
 264 100
 260 25.0 20.1 30.1
 265 62.9 68.2 102.4#



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

