

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062220\
 Data File : BN011014.D
 Acq On : 22 Jun 2020 18:04
 Operator : CG/JU
 Sample : L3033-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LF001MW001-200615

Quant Time: Jun 22 18:38:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 22 12:02:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	2701	0.40	ng	0.00
7) Naphthalene-d8	10.28	136	8777	0.40	ng	0.00
13) Acenaphthene-d10	14.16	164	28907	0.40	ng	0.01
19) Phenanthrene-d10	16.90	188	13090	0.40	ng	-0.01
27) Chrysene-d12	21.11	240	11782	0.40	ng	-0.01
34) Perylene-d12	23.26	264	13227	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.18	112	1525	0.29	ng	0.00
5) Phenol-d6	6.73	99	3292	0.54	ng	0.00
8) Nitrobenzene-d5	8.66	82	5282	0.81	ng	-0.01
11) 2-Methylnaphthalene-d10	11.87	152	4848	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.65	330	1356	0.13	ng	-0.01
15) 2-Fluorobiphenyl	12.78	172	10226	0.09	ng	0.00
25) Fluoranthene-d10	18.94	212	12718	0.35	ng	0.00
29) Terphenyl-d14	19.55	244	12124	0.44	ng	0.00

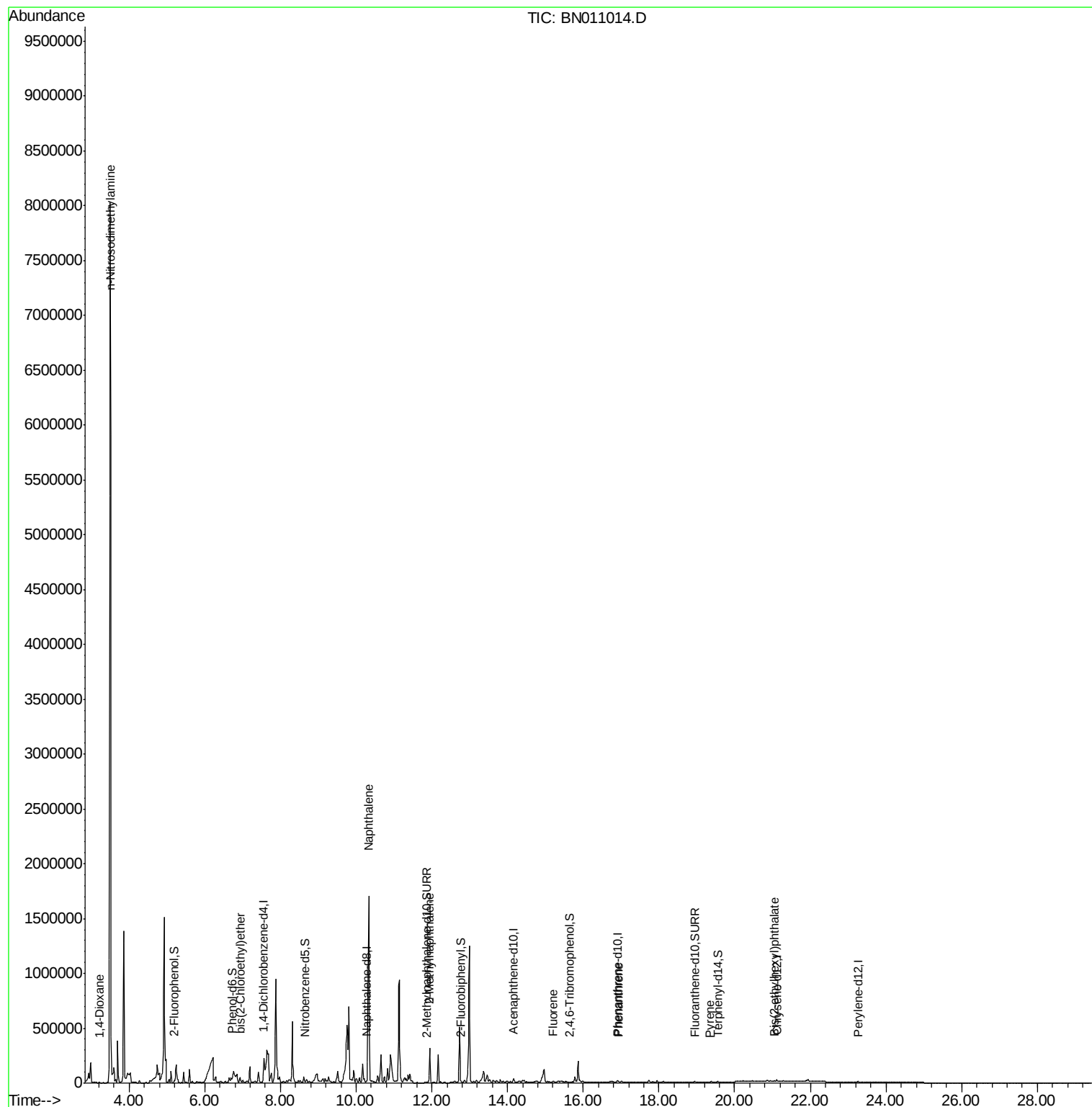
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.21	88	1122	0.424	ng	# 1
3) n-Nitrosodimethylamine	3.51	42	788021	512.370	ng	# 1
6) bis(2-Chloroethyl)ether	6.93	93	2044	0.341	ng	# 1
9) Naphthalene	10.33	128	2082298	94.404	ng	97
12) 2-Methylnaphthalene	11.94	142	218885	14.828	ng	98
18) Fluorene	15.21	166	4581	0.044	ng	92
23) Phenanthrene	16.94	178	3274	0.092	ng	# 72
28) Pyrene	19.33	202	831	0.021	ng	# 23
32) Bis(2-ethylhexyl)phthalate	21.06	149	1876	0.162	ng	# 88

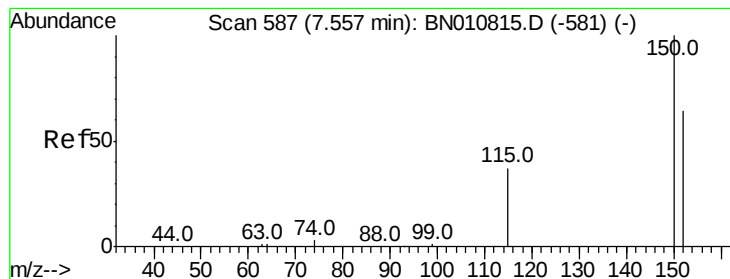
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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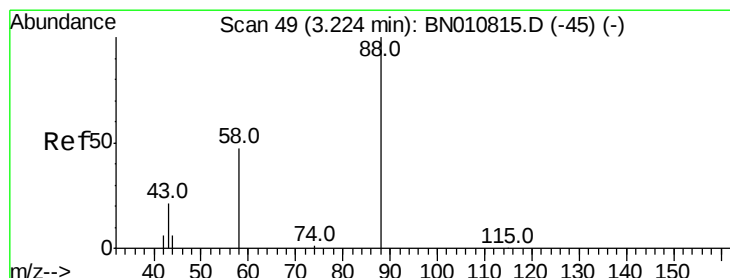
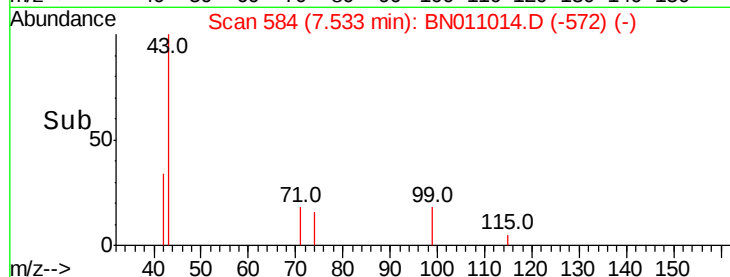
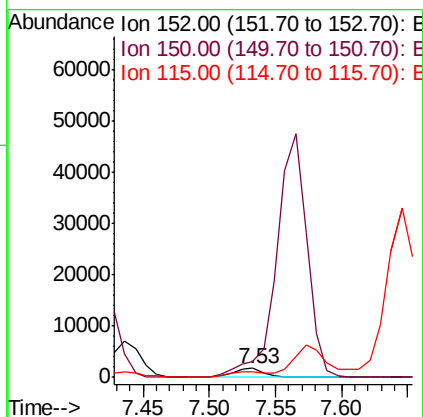
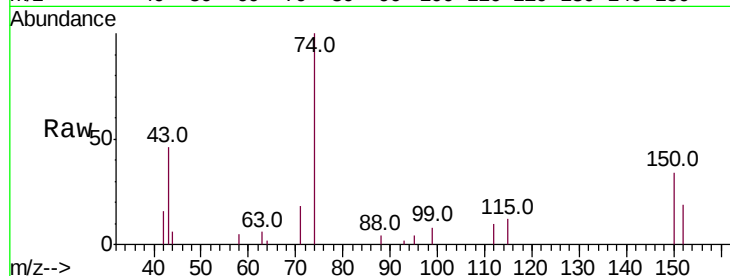


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.53 min Scan# 584
Delta R.T. -0.00 min
Lab File: BN011014.D
Acq: 22 Jun 2020 18:04

Instrument :
BNA_N
ClientSampleId :
LF001MW001-200615

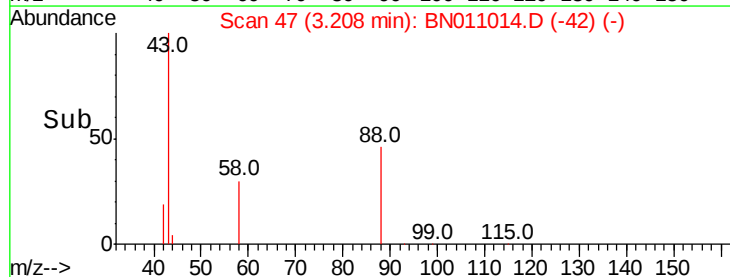
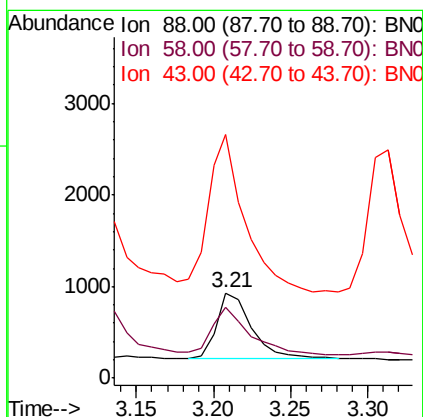
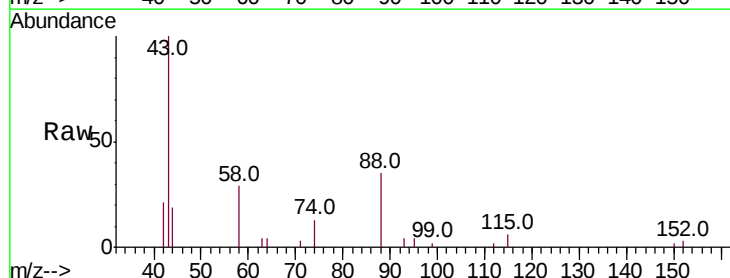
Tot Ion:152 Resp: 2701
Ion Ratio Lower Upper
152 100
150 176.0 123.8 185.6
115 64.8 49.2 73.8



#2

1,4-Dioxane
Concen: 0.424 ng
RT: 3.21 min Scan# 47
Delta R.T. -0.01 min
Lab File: BN011014.D
Acq: 22 Jun 2020 18:04

Tgt Ion: 88 Resp: 1122
Ion Ratio Lower Upper
88 100
58 78.2 38.2 57.4#
43 247.9 15.1 22.7#





#3

n-Nitrosodimethylamine

Concen: 512.370 ng

RT: 3.51 min Scan# 84

Delta R.T. -0.05 min

Lab File: BN011014.D

Acq: 22 Jun 2020 18:04

Instrument :

BNA_N

ClientSampleId :

LF001MW001-200615

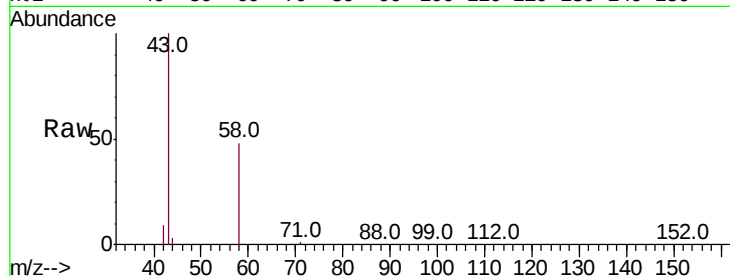
Tot Ion: 42 Resp: 788021

Ion Ratio Lower Upper

42 100

74 0.9 140.7 211.1#

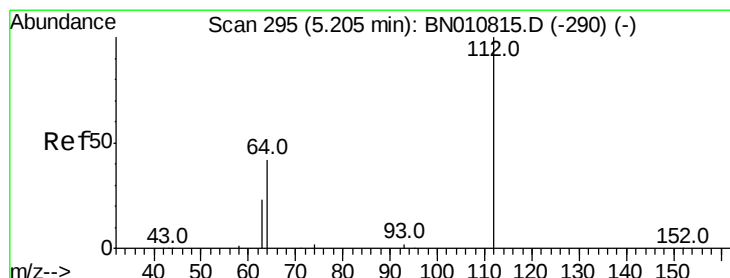
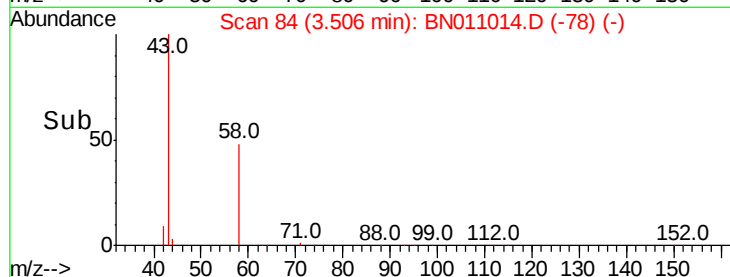
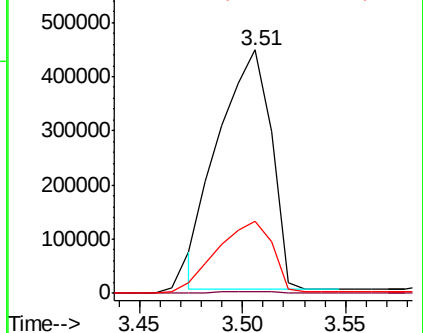
44 29.7 1.4 2.2#



Abundance Ion 42.00 (41.70 to 42.70): BN011014.D (-87) (-)

Ion 74.00 (73.70 to 74.70): BN011014.D (-87) (-)

Ion 44.00 (43.70 to 44.70): BN011014.D (-87) (-)



#4

2-Fluorophenol

Concen: 0.292 ng

RT: 5.18 min Scan# 292

Delta R.T. -0.00 min

Lab File: BN011014.D

Acq: 22 Jun 2020 18:04

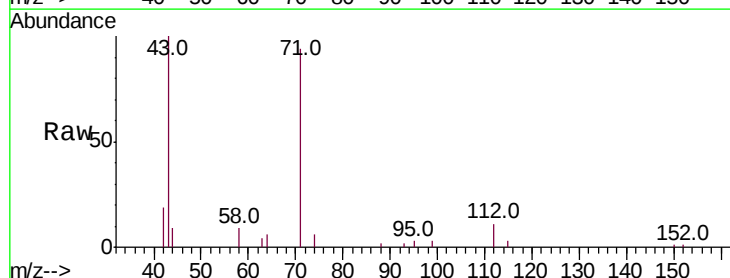
Tgt Ion: 112 Resp: 1525

Ion Ratio Lower Upper

112 100

64 0.0 37.4 56.0#

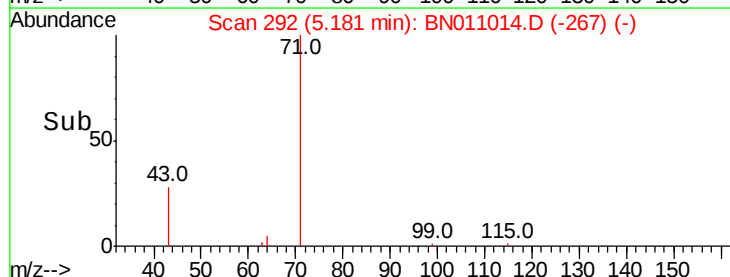
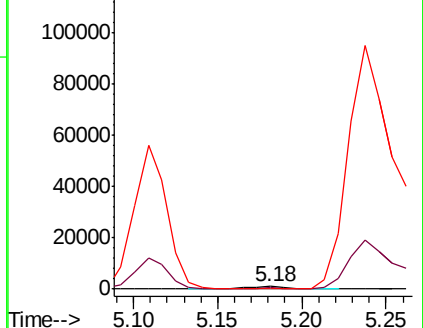
63 0.0 22.2 33.4#

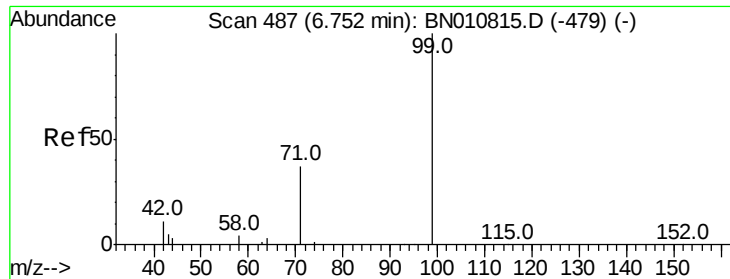


Abundance Ion 112.00 (111.70 to 112.70): BN011014.D (-267) (-)

Ion 64.00 (63.70 to 64.70): BN011014.D (-267) (-)

Ion 63.00 (62.70 to 63.70): BN011014.D (-267) (-)





#5

Phenol-d6

Concen: 0.536 ng

RT: 6.73 min Scan# 484

Delta R.T. -0.00 min

Lab File: BN011014.D

Acq: 22 Jun 2020 18:04

Instrument :

BNA_N

ClientSampleId :

LF001MW001-200615

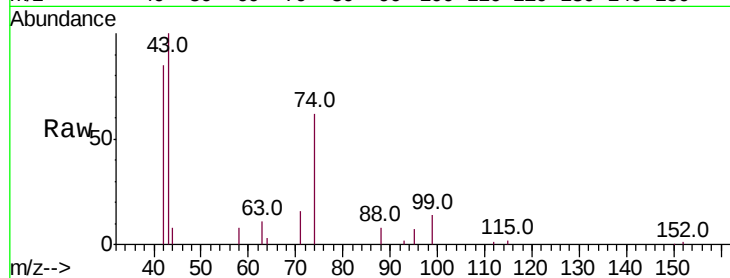
Tot Ion: 99 Resp: 3292

Ion Ratio Lower Upper

99 100

42 0.0 11.1 16.7#

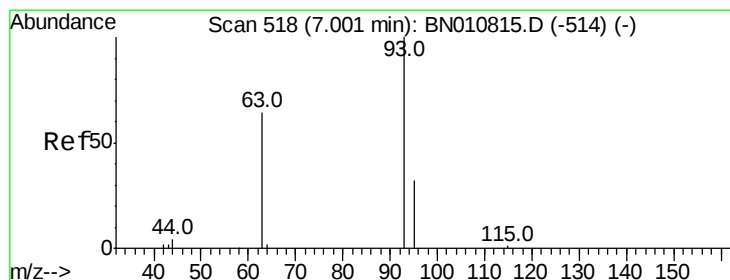
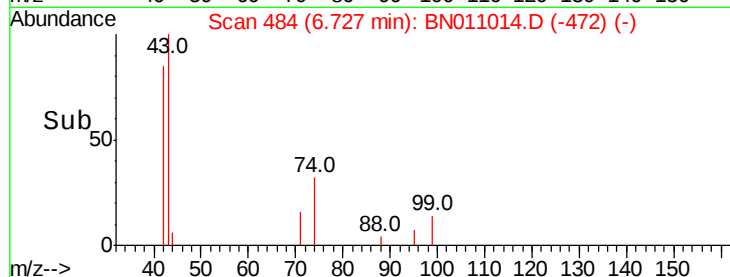
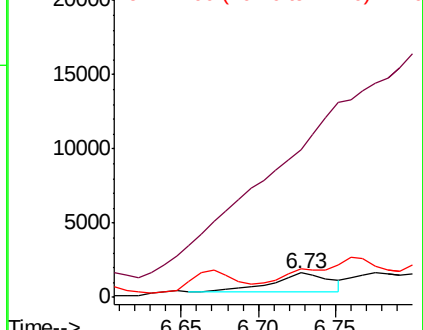
71 0.0 31.4 47.2#



Abundance Ion 99.00 (98.70 to 99.70): BN011014.D (-479) (-)

Ion 42.00 (41.70 to 42.70): BN011014.D (-479) (-)

Ion 71.00 (70.70 to 71.70): BN011014.D (-479) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.341 ng

RT: 6.93 min Scan# 509

Delta R.T. -0.05 min

Lab File: BN011014.D

Acq: 22 Jun 2020 18:04

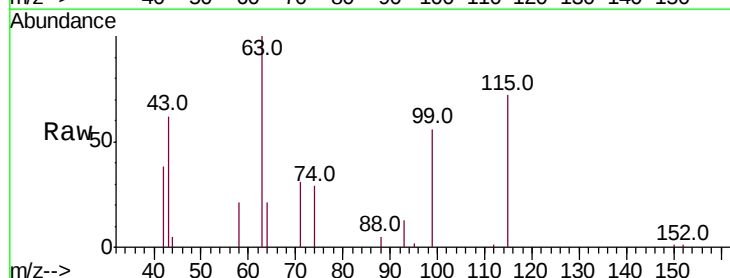
Tgt Ion: 93 Resp: 2044

Ion Ratio Lower Upper

93 100

63 761.7 49.4 74.2#

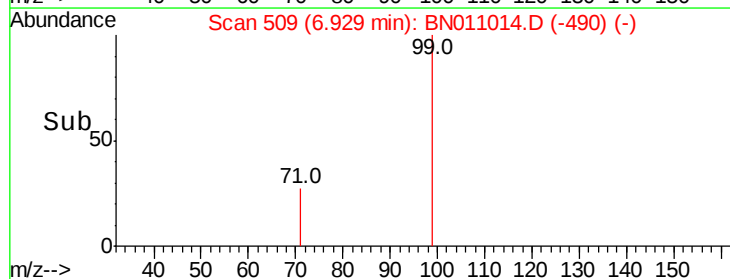
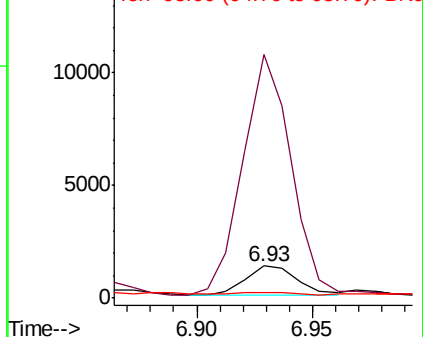
95 0.0 26.7 40.1#

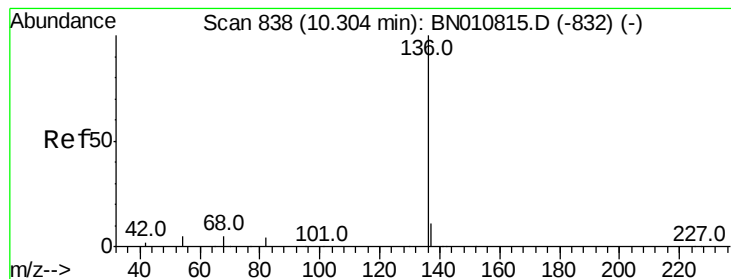


Abundance Ion 93.00 (92.70 to 93.70): BN011014.D (-514) (-)

Ion 63.00 (62.70 to 63.70): BN011014.D (-514) (-)

Ion 95.00 (94.70 to 95.70): BN011014.D (-514) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.28 min Scan# 836

Delta R.T. -0.00 min

Lab File: BN011014.D

Acq: 22 Jun 2020 18:04

Instrument :

BNA_N

ClientSampleId :

LF001MW001-200615

Tot Ion:136 Resp: 8777

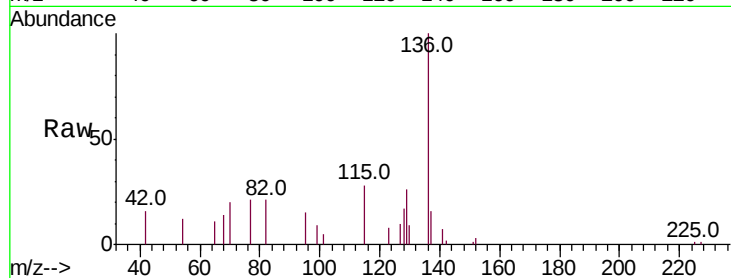
Ion Ratio Lower Upper

136 100

137 16.1 9.7 14.5#

54 11.7 4.9 7.3#

68 14.2 4.7 7.1#

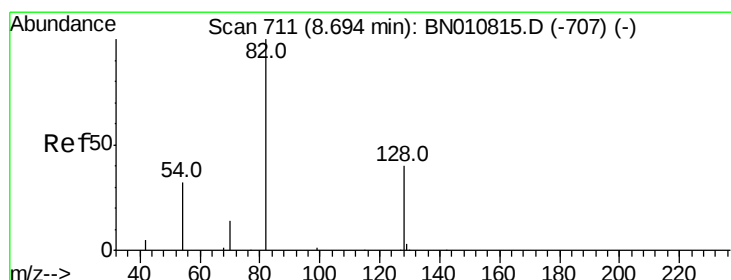
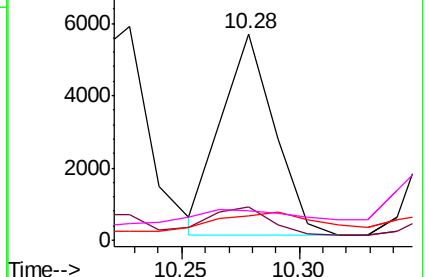
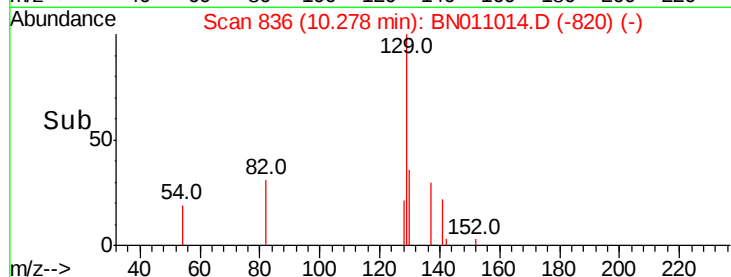


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.813 ng

RT: 8.66 min Scan# 708

Delta R.T. -0.01 min

Lab File: BN011014.D

Acq: 22 Jun 2020 18:04

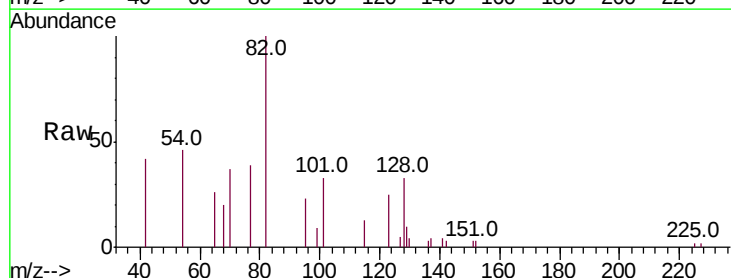
Tgt Ion: 82 Resp: 5282

Ion Ratio Lower Upper

82 100

128 32.7 35.4 53.0#

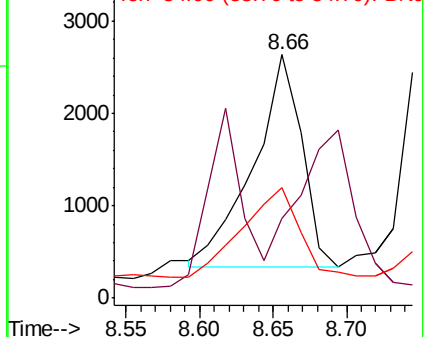
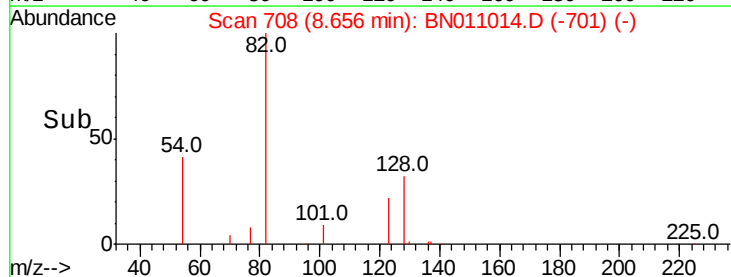
54 45.6 28.2 42.4#



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





#9

Naphthalene

Concen: 94.404 ng

RT: 10.33 min Scan# 840

Delta R.T. -0.00 min

Lab File: BN011014.D

Acq: 22 Jun 2020 18:04

Instrument :

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ClientSampleId :

LF001MW001-200615

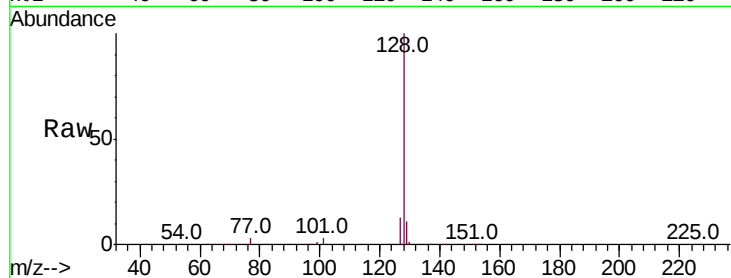
Tot Ion:128 Resp: 2082298

Ion Ratio Lower Upper

128 100

129 11.3 9.6 14.4

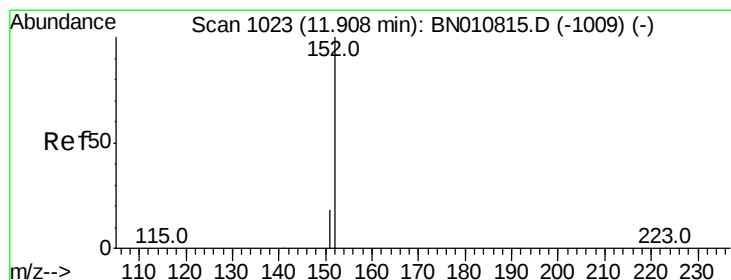
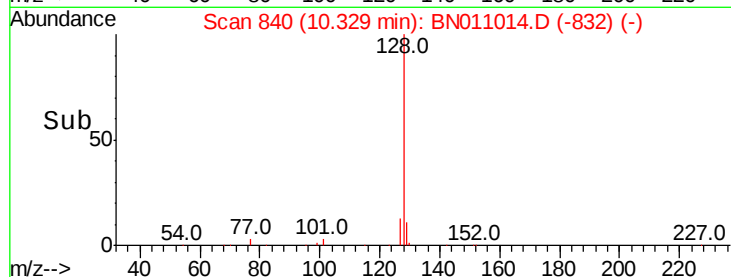
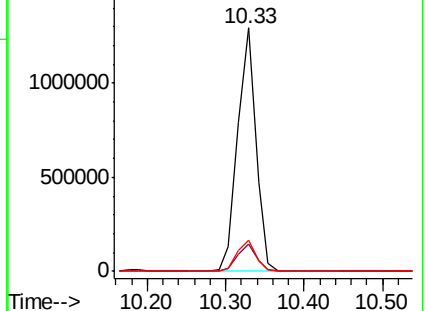
127 12.9 11.4 17.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#11

2-Methylnaphthalene-d10

Concen: 0.356 ng

RT: 11.87 min Scan# 1015

Delta R.T. -0.00 min

Lab File: BN011014.D

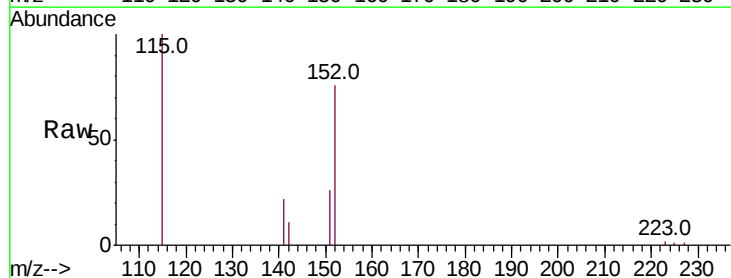
Acq: 22 Jun 2020 18:04

Tgt Ion:152 Resp: 4848

Ion Ratio Lower Upper

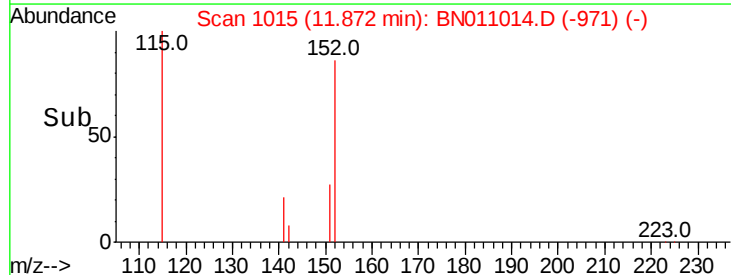
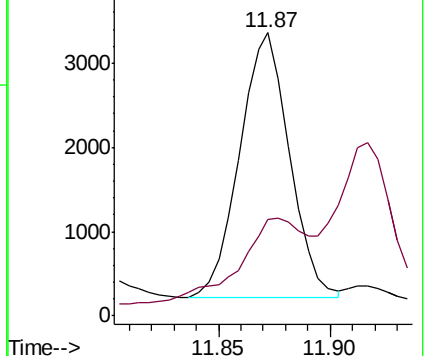
152 100

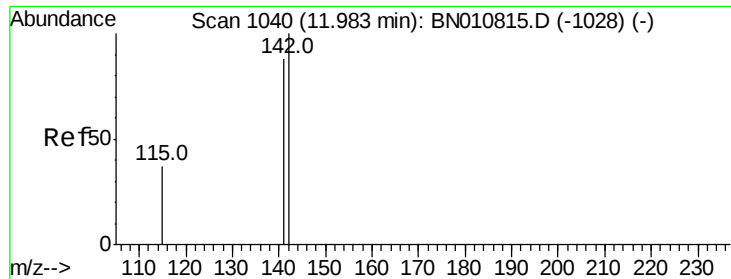
151 44.3 15.3 22.9#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

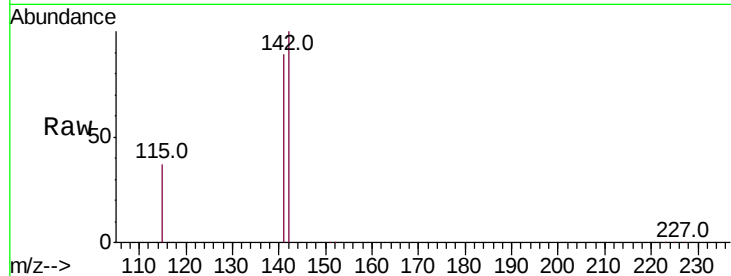




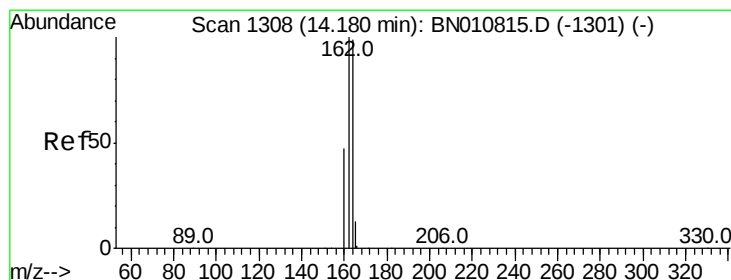
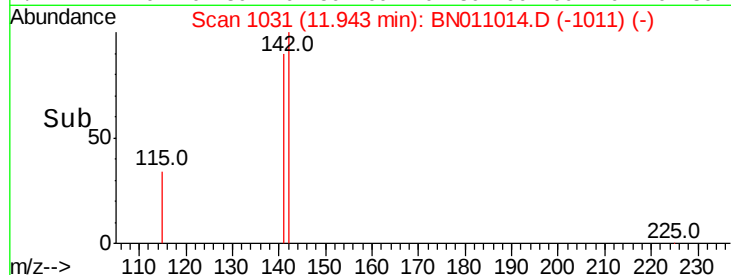
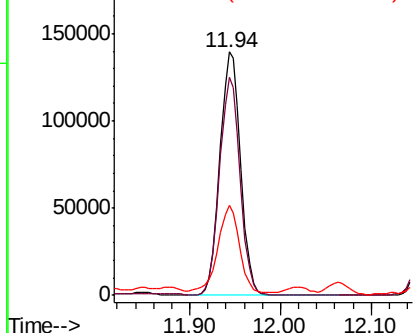
#12
2-Methylnaphthalene
Concen: 14.828 ng
RT: 11.94 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BN011014.D
Acq: 22 Jun 2020 18:04

Instrument :
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LF001MW001-200615

Tot Ion:142 Resp: 218885
Ion Ratio Lower Upper
142 100
141 89.5 70.8 106.2
115 36.7 31.5 47.3

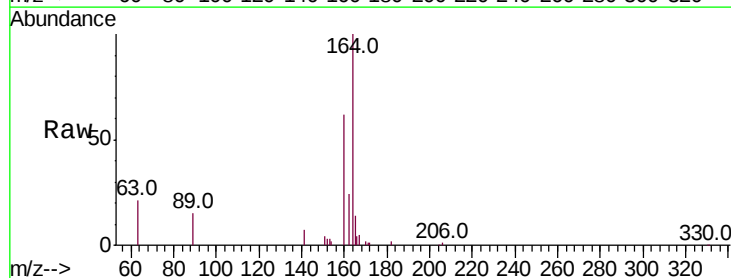


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

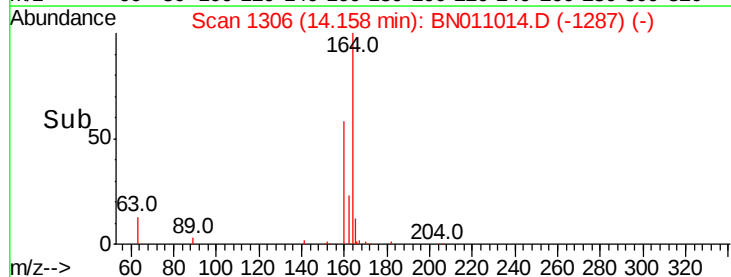
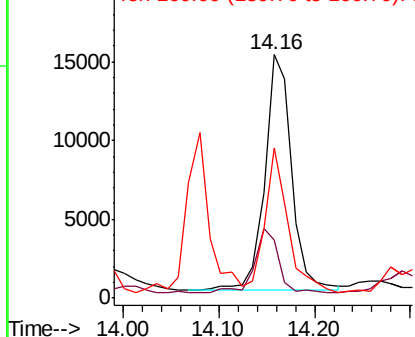


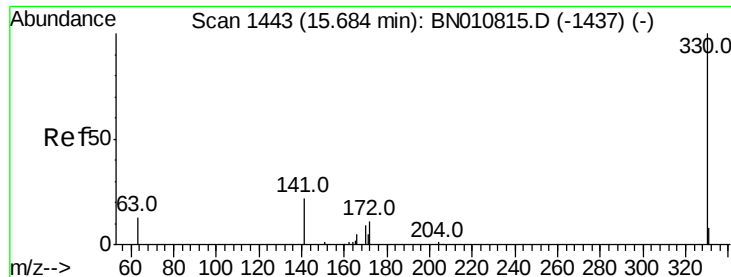
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.16 min Scan# 1306
Delta R.T. 0.01 min
Lab File: BN011014.D
Acq: 22 Jun 2020 18:04

Tgt Ion:164 Resp: 28907
Ion Ratio Lower Upper
164 100
162 23.9 81.0 121.6#
160 61.6 38.9 58.3#



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

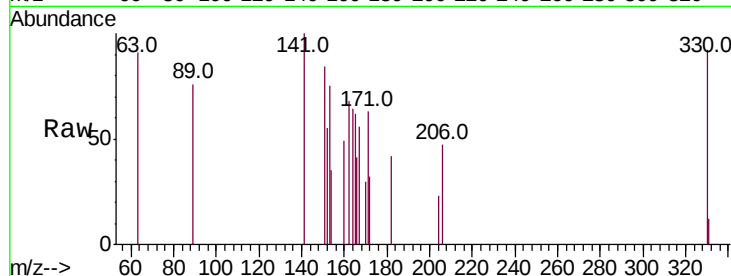




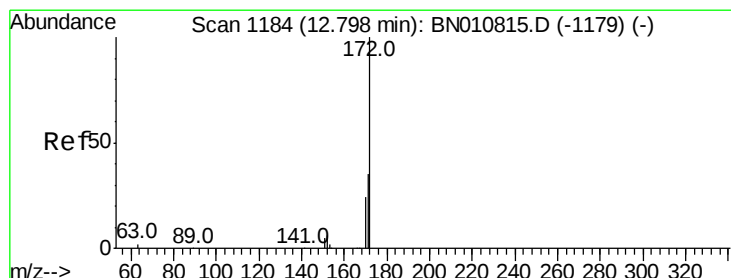
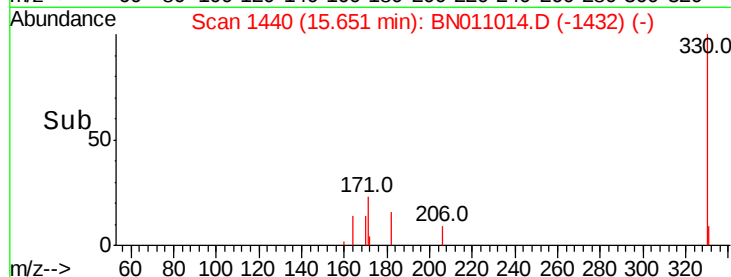
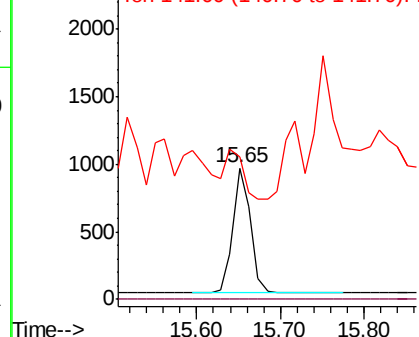
#14
2,4,6-Tribromophenol
Concen: 0.131 ng
RT: 15.65 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BN011014.D
Acq: 22 Jun 2020 18:04

Instrument :
BNA_N
ClientSampleId :
LF001MW001-200615

Tot Ion:330 Resp: 1356
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 37.1 33.2 49.8

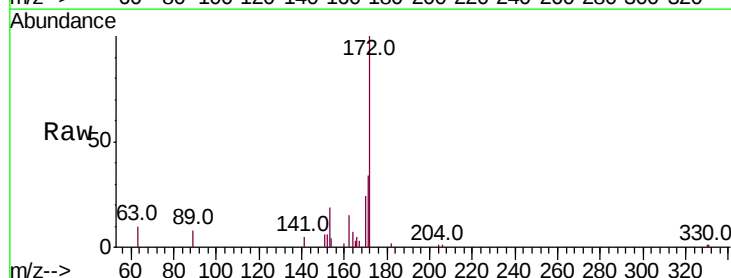


Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

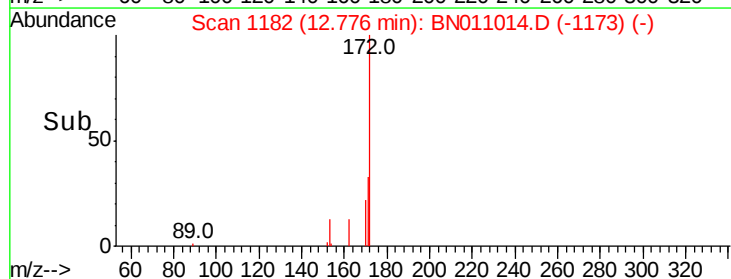
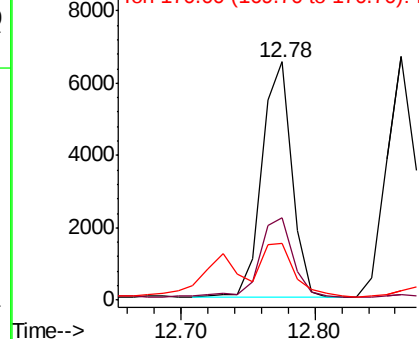


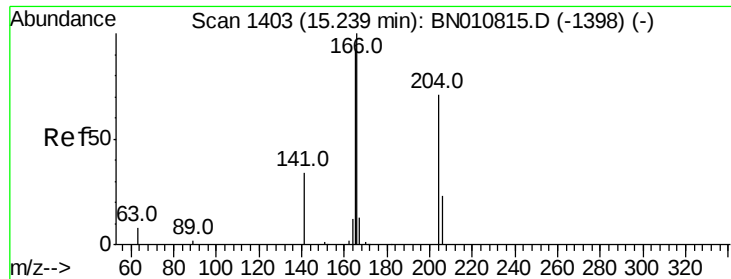
#15
2-Fluorobiphenyl
Concen: 0.090 ng
RT: 12.78 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BN011014.D
Acq: 22 Jun 2020 18:04

Tgt Ion:172 Resp: 10226
Ion Ratio Lower Upper
172 100
171 34.4 28.5 42.7
170 23.6 19.7 29.5



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





#18

Fluorene

Concen: 0.044 ng

RT: 15.21 min Scan# 1400

Delta R.T. -0.00 min

Lab File: BN011014.D

Acq: 22 Jun 2020 18:04

Instrument :

BNA_N

ClientSampleId :

LF001MW001-200615

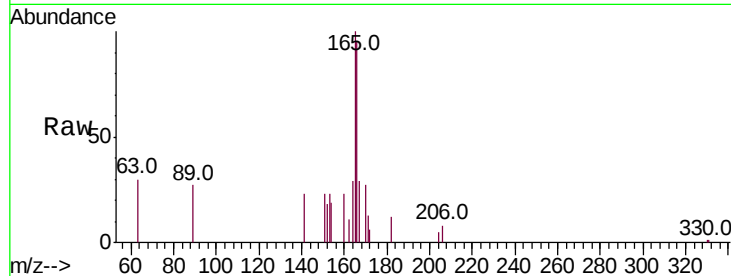
Tot Ion:166 Resp: 4581

Ion Ratio Lower Upper

166 100

165 104.7 77.2 115.8

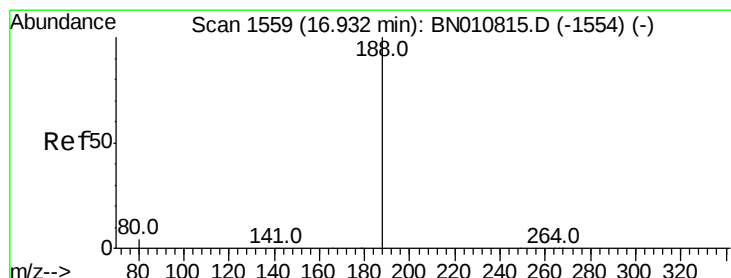
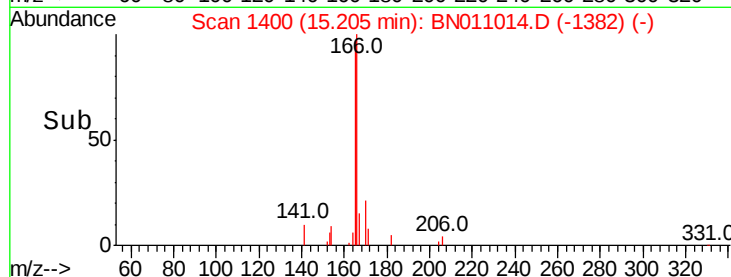
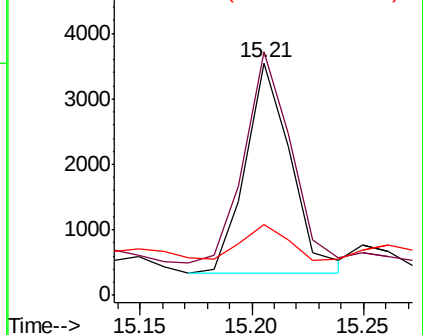
167 15.2 10.7 16.1



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.90 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BN011014.D

Acq: 22 Jun 2020 18:04

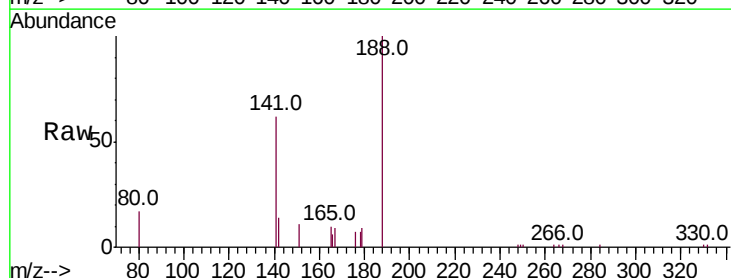
Tgt Ion:188 Resp: 13090

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

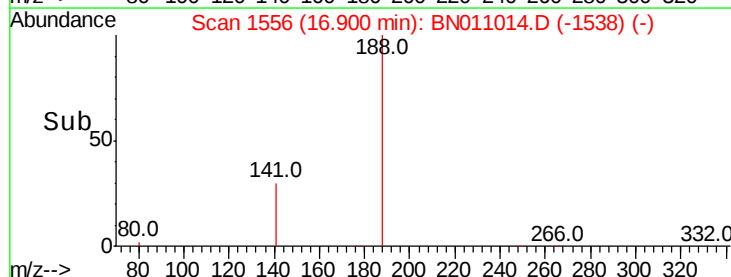
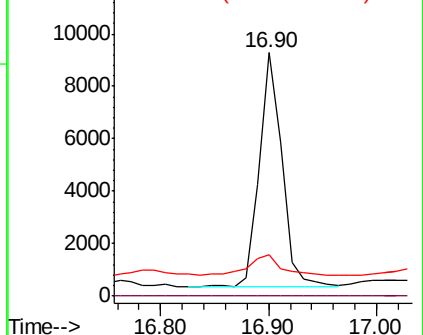
80 16.8 4.5 6.7#

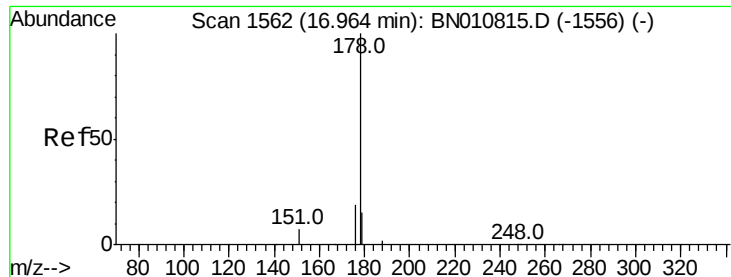


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#23

Phenanthrene

Concen: 0.092 ng

RT: 16.94 min Scan# 1560

Delta R.T. -0.00 min

Lab File: BN011014.D

Acq: 22 Jun 2020 18:04

Instrument :

BNA_N

ClientSampleId :

LF001MW001-200615

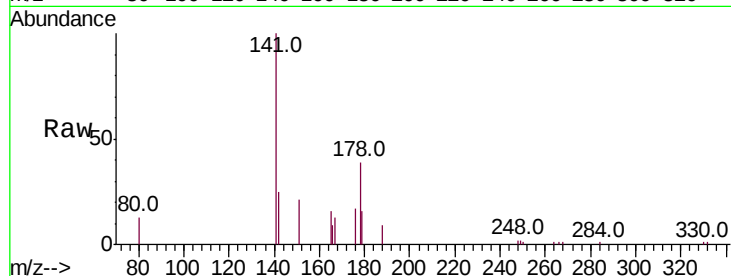
Tot Ion:178 Resp: 3274

Ion Ratio Lower Upper

178 100

176 40.1 15.3 22.9#

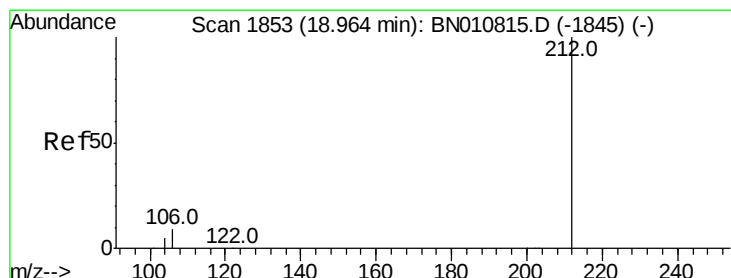
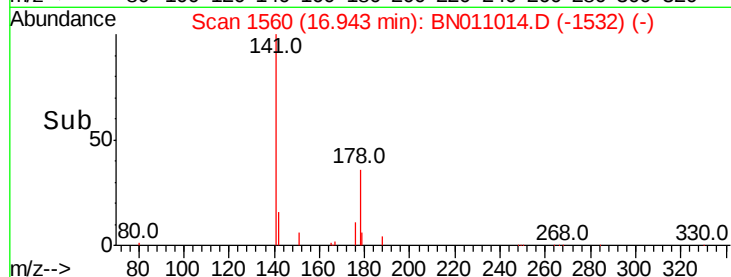
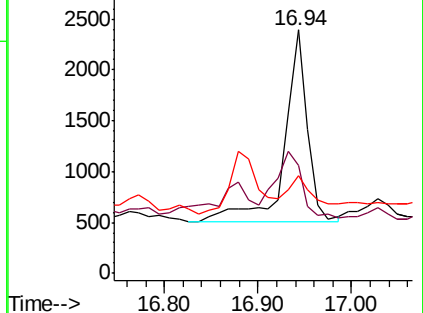
179 13.2 12.6 19.0



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: 0.352 ng

RT: 18.94 min Scan# 1849

Delta R.T. -0.00 min

Lab File: BN011014.D

Acq: 22 Jun 2020 18:04

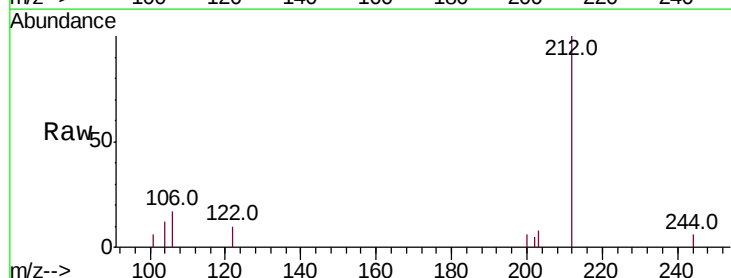
Tgt Ion:212 Resp: 12718

Ion Ratio Lower Upper

212 100

106 10.4 6.6 10.0#

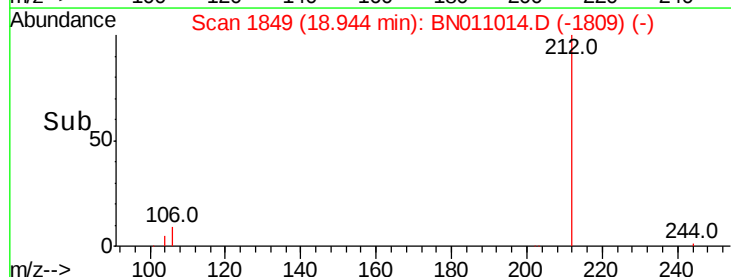
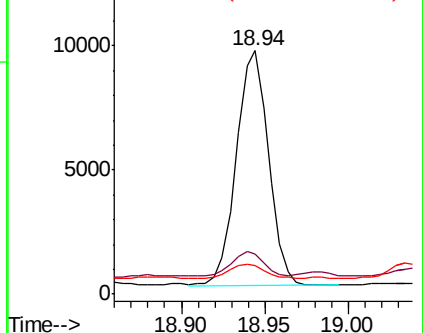
104 6.9 4.0 6.0#

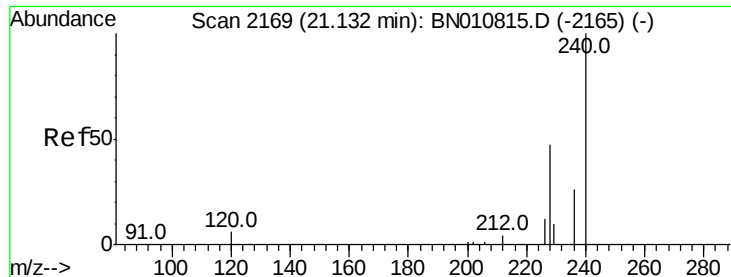


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

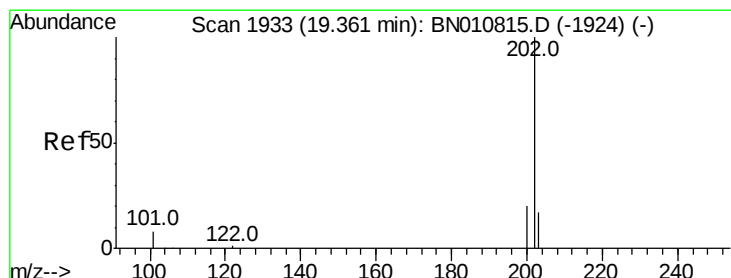
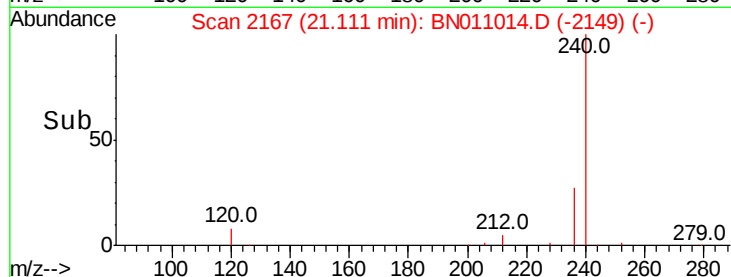
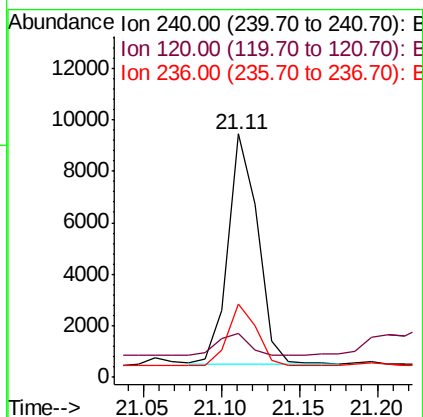
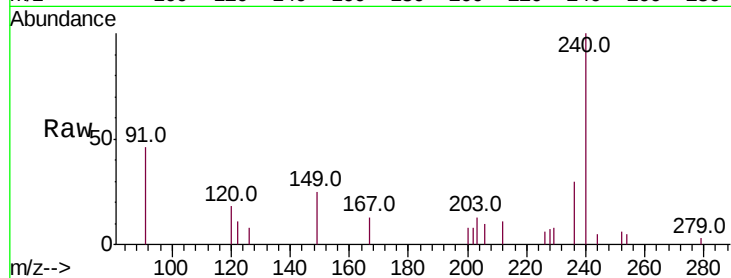




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.11 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BN011014.D
Acq: 22 Jun 2020 18:04

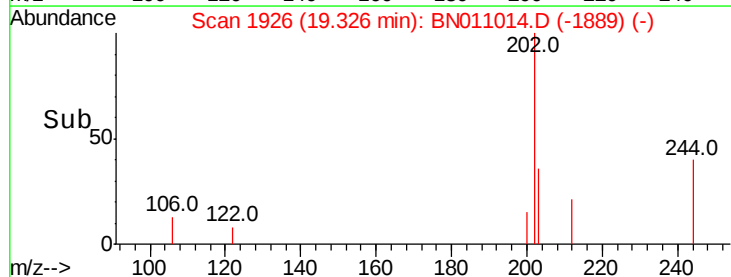
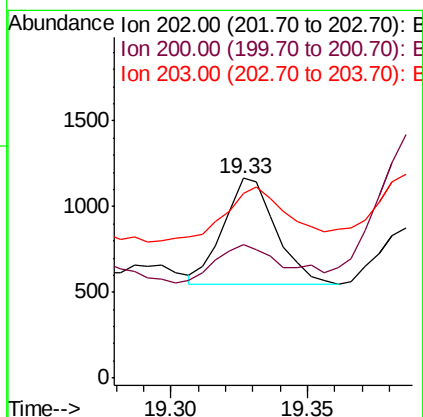
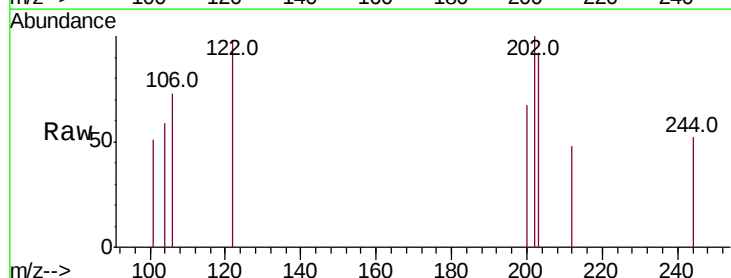
Instrument :
BNA_N
ClientSampleId :
LF001MW001-200615

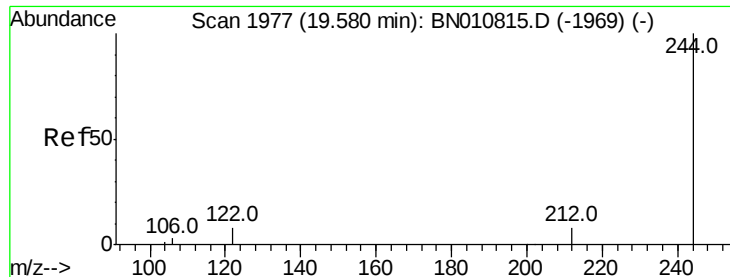
Tot Ion:240 Resp: 11782
Ion Ratio Lower Upper
240 100
120 17.8 7.5 11.3#
236 30.4 22.3 33.5



#28
Pyrene
Concen: 0.021 ng
RT: 19.33 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BN011014.D
Acq: 22 Jun 2020 18:04

Tgt Ion:202 Resp: 831
Ion Ratio Lower Upper
202 100
200 45.7 16.4 24.6#
203 62.8 14.2 21.4#





#29

Terphenyl-d14

Concen: 0.440 ng

RT: 19.55 min Scan# 1972

Delta R.T. -0.01 min

Lab File: BN011014.D

Acq: 22 Jun 2020 18:04

Instrument :

BNA_N

ClientSampleId :

LF001MW001-200615

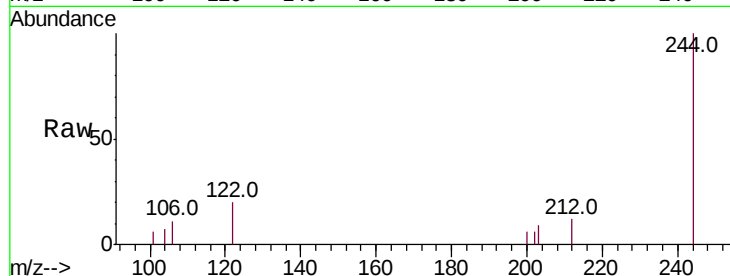
Tot Ion:244 Resp: 12124

Ion Ratio Lower Upper

244 100

212 11.6 7.4 11.2#

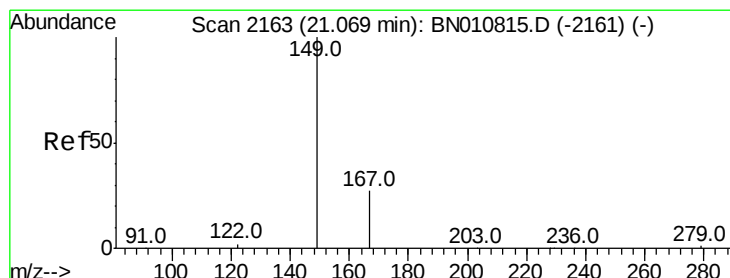
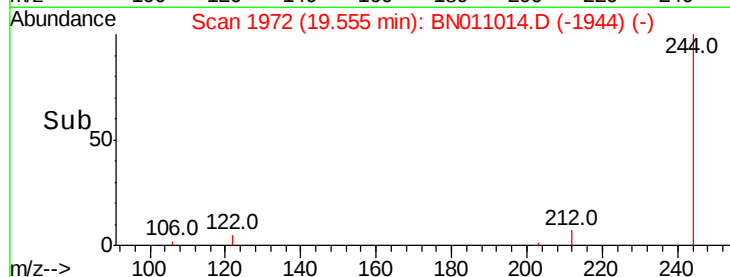
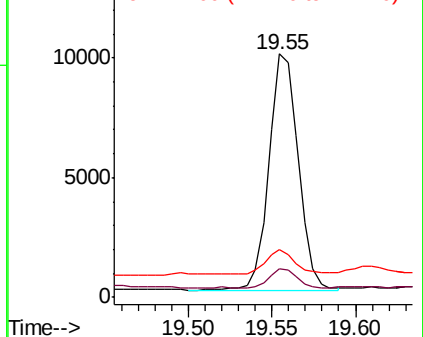
122 19.5 7.5 11.3#



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.162 ng

RT: 21.06 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BN011014.D

Acq: 22 Jun 2020 18:04

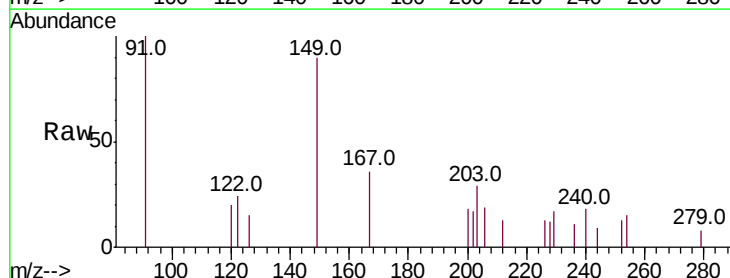
Tgt Ion:149 Resp: 1876

Ion Ratio Lower Upper

149 100

167 22.2 24.1 36.1#

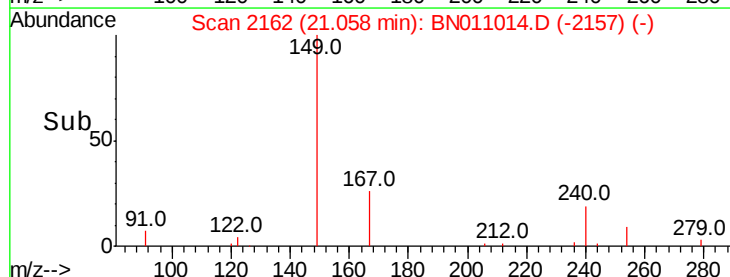
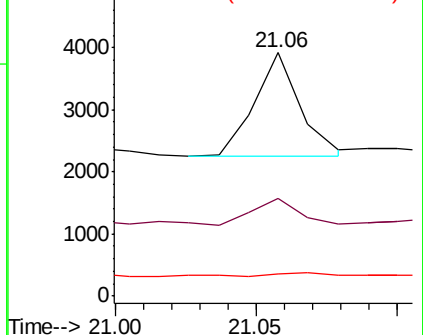
279 5.3 4.6 7.0

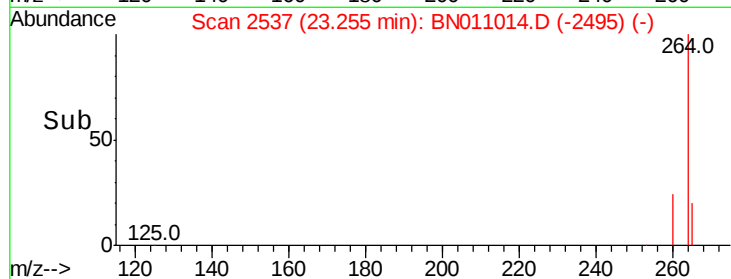
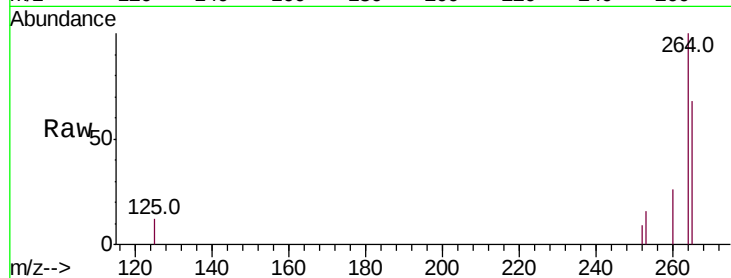
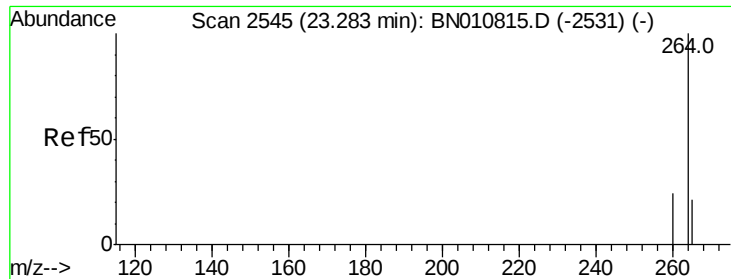


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.26 min Scan# 2537

Delta R.T. -0.01 min

Lab File: BN011014.D

Acq: 22 Jun 2020 18:04

Instrument :

BNA_N

ClientSampleId :

LF001MW001-200615

Tot Ion: 264 Resp: 13227

Ion Ratio Lower Upper

264 100

260 25.7 20.4 30.6

265 68.0 75.0 112.4#

