

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062420\
 Data File : BN011044.D
 Acq On : 24 Jun 2020 12:38
 Operator : CG/JU
 Sample : L3033-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LF017MW005-200616

Quant Time: Jun 24 13:09:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN062320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 23 18:53:50 2020
 Response via : Initial Calibration

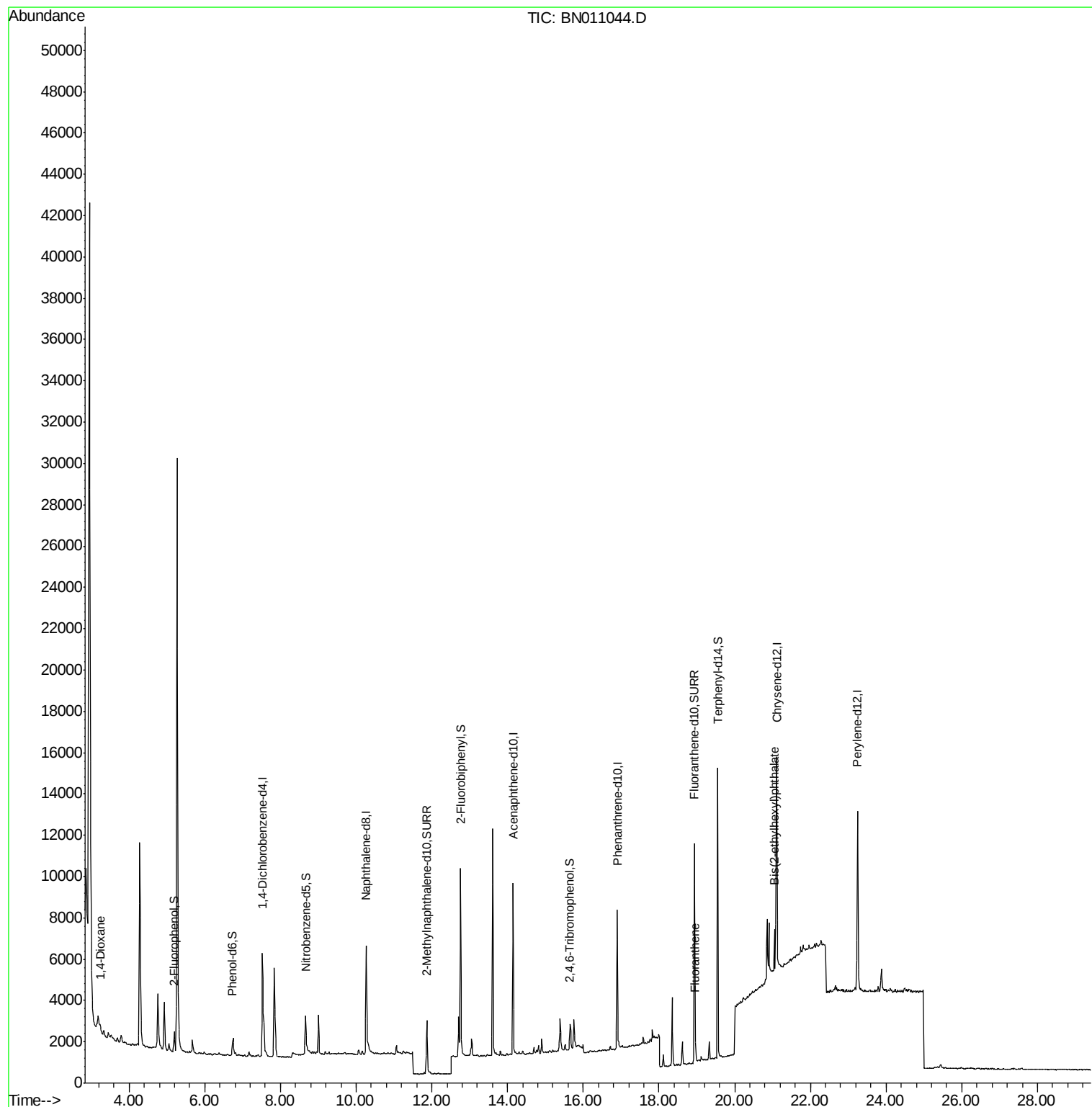
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	2593	0.40	ng	0.00
7) Naphthalene-d8	10.27	136	8716	0.40	ng	0.00
13) Acenaphthene-d10	14.14	164	4842	0.40	ng	0.00
19) Phenanthrene-d10	16.90	188	10233	0.40	ng	0.00
29) Chrysene-d12	21.11	240	11243	0.40	ng	0.00
36) Perylene-d12	23.25	264	10953	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.19	112	1027	0.14	ng	0.00
5) Phenol-d6	6.73	99	816	0.09	ng	0.02
8) Nitrobenzene-d5	8.67	82	2462	0.31	ng	0.03
11) 2-Methylnaphthalene-d10	11.87	152	4259	0.28	ng	0.00
14) 2,4,6-Tribromophenol	15.64	330	798	0.38	ng	0.00
15) 2-Fluorobiphenyl	12.76	172	8657	0.38	ng	0.00
27) Fluoranthene-d10	18.94	212	12123	0.37	ng	0.00
31) Terphenyl-d14	19.55	244	14312	0.47	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.24	88	243	0.070	ng	# 1
28) Fluoranthene	18.97	202	802	0.020	ng	# 86
34) Bis(2-ethylhexyl)phthalate	21.05	149	1695	0.108	ng	99

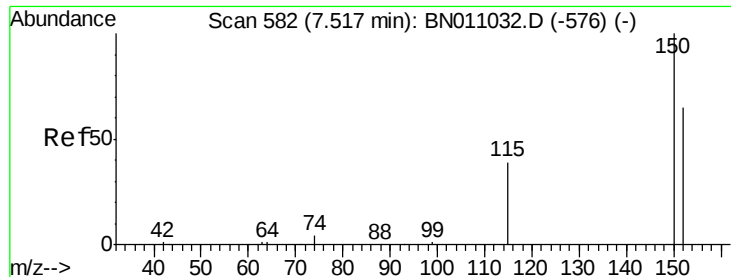
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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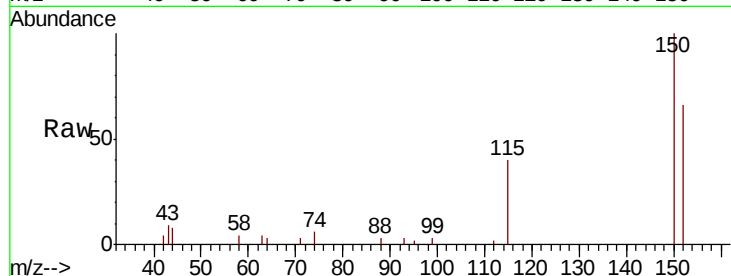


#1

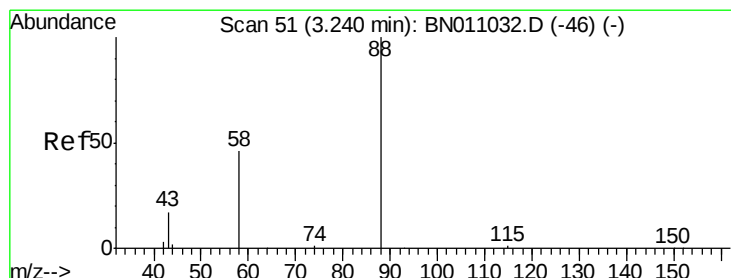
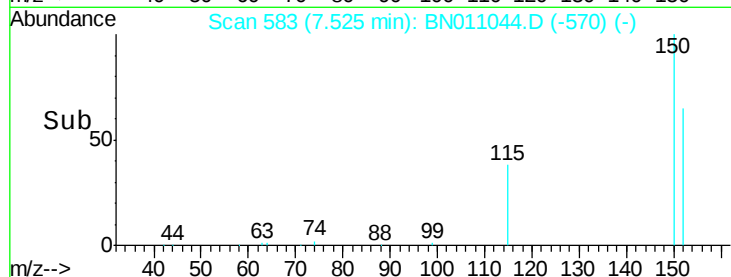
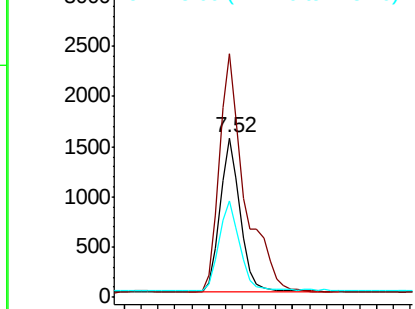
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BN011044.D
Acq: 24 Jun 2020 12:38

Instrument :
BNA_N
ClientSampleId :
LF017MW005-200616

Tot Ion:152 Resp: 2593
Ion Ratio Lower Upper
152 100
150 152.6 121.8 182.8
115 60.8 50.2 75.2



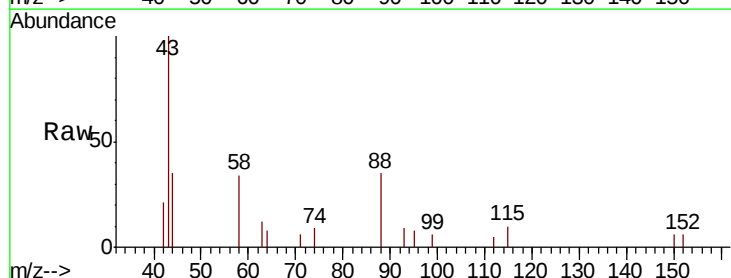
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



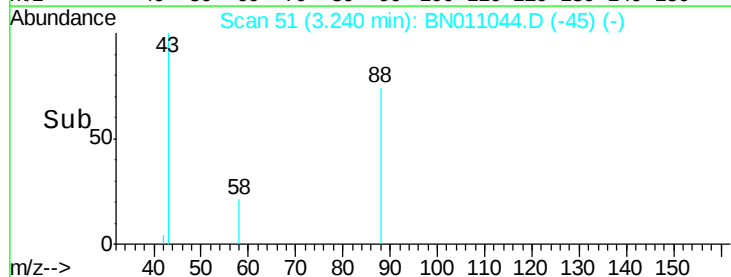
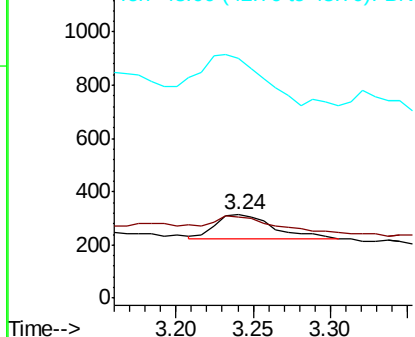
#2

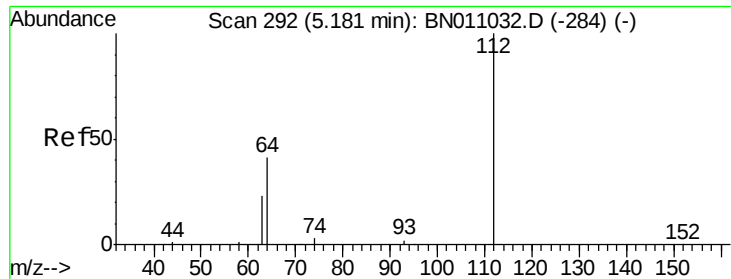
1,4-Dioxane
Concen: 0.070 ng
RT: 3.24 min Scan# 51
Delta R.T. 0.00 min
Lab File: BN011044.D
Acq: 24 Jun 2020 12:38

Tgt Ion: 88 Resp: 243
Ion Ratio Lower Upper
88 100
58 74.1 38.4 57.6#
43 208.2 14.2 21.4#



Abundance Ion 88.00 (87.70 to 88.70): BN0
Ion 58.00 (57.70 to 58.70): BN0
Ion 43.00 (42.70 to 43.70): BN0





#4

2-Fluorophenol

Concen: 0.141 ng

RT: 5.19 min Scan# 293

Delta R.T. 0.01 min

Lab File: BN011044.D

Acq: 24 Jun 2020 12:38

Instrument :

BNA_N

ClientSampleId :

LF017MW005-200616

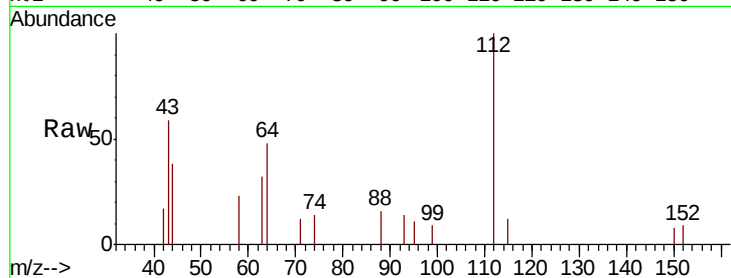
Tot Ion:112 Resp: 1027

Ion Ratio Lower Upper

112 100

64 44.8 37.3 55.9

63 24.7 20.4 30.6

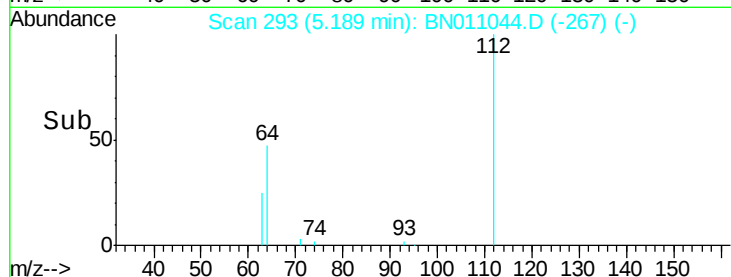


Abundance Ion 112.00 (111.70 to 112.70): B

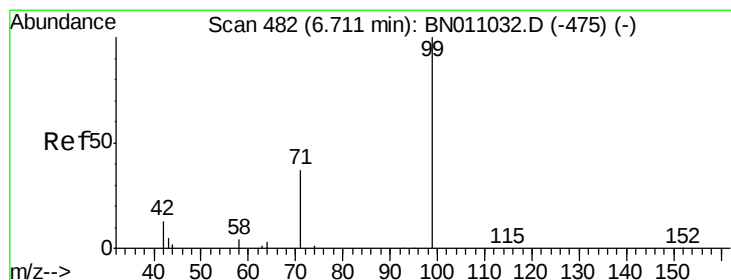
Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B

Time-->



Time-->



#5

Phenol-d6

Concen: 0.094 ng

RT: 6.73 min Scan# 484

Delta R.T. 0.02 min

Lab File: BN011044.D

Acq: 24 Jun 2020 12:38

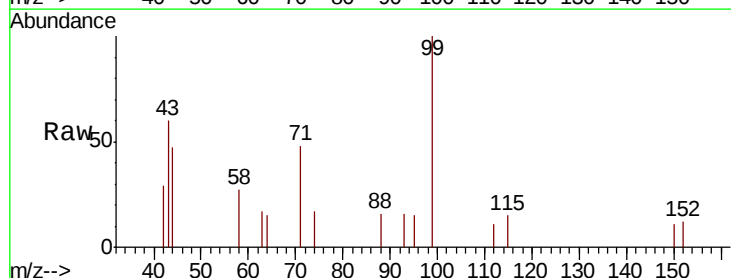
Tgt Ion: 99 Resp: 816

Ion Ratio Lower Upper

99 100

42 18.3 10.6 16.0#

71 51.6 28.7 43.1#

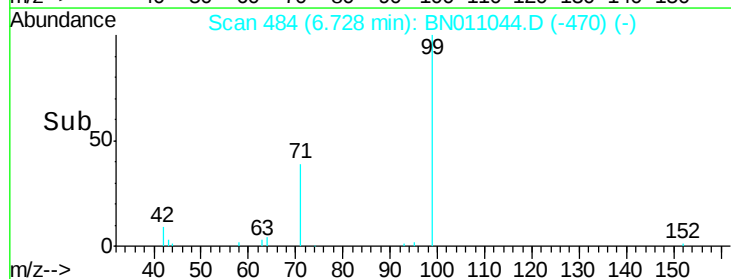


Abundance Ion 99.00 (98.70 to 99.70): B

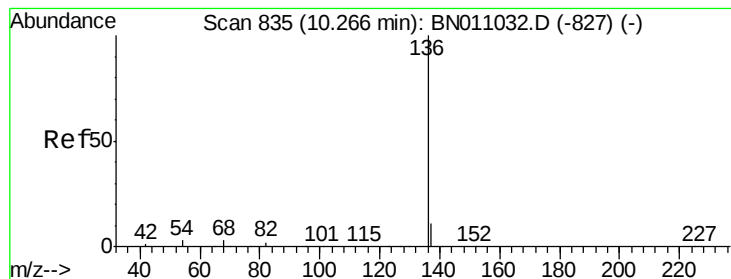
Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B

Time-->



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.27 min Scan# 835

Delta R.T. 0.00 min

Lab File: BN011044.D

Acq: 24 Jun 2020 12:38

Instrument :

BNA_N

ClientSampleId :

LF017MW005-200616

Tot Ion:136 Resp: 8716

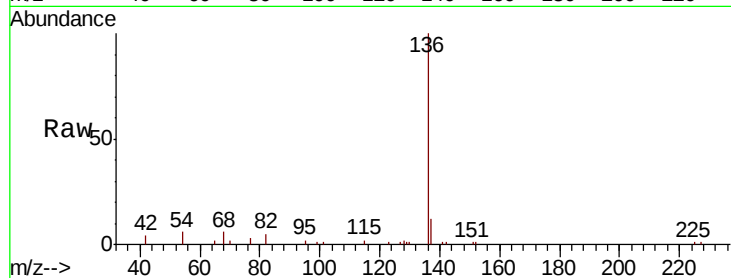
Ion Ratio Lower Upper

136 100

137 12.0 9.6 14.4

54 5.9 3.0 4.4#

68 6.3 3.4 5.2#

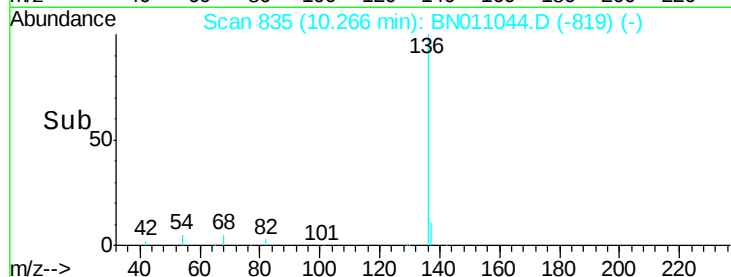


Abundance Ion 136.00 (135.70 to 136.70): E

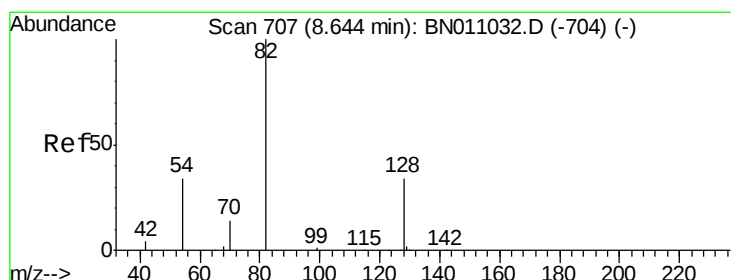
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



Time-->



#8

Nitrobenzene-d5

Concen: 0.310 ng

RT: 8.67 min Scan# 709

Delta R.T. 0.03 min

Lab File: BN011044.D

Acq: 24 Jun 2020 12:38

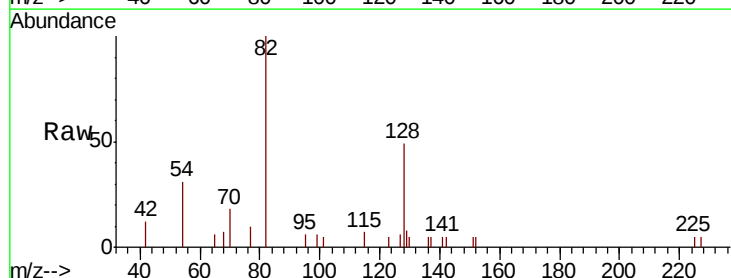
Tgt Ion: 82 Resp: 2462

Ion Ratio Lower Upper

82 100

128 48.6 29.4 44.2#

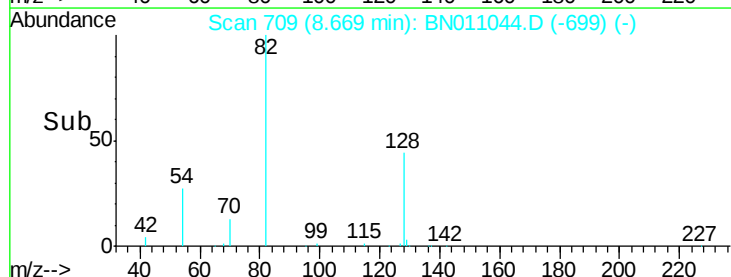
54 31.2 28.8 43.2



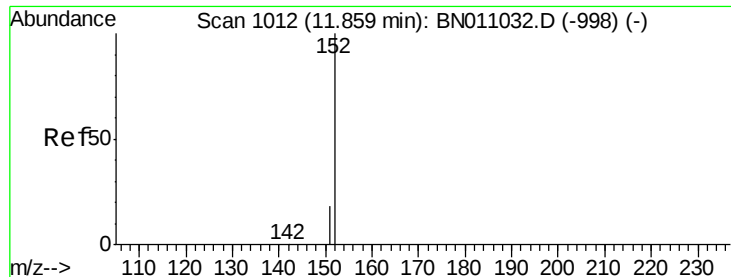
Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC



Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.277 ng

RT: 11.87 min Scan# 1014

Delta R.T. 0.01 min

Lab File: BN011044.D

Acq: 24 Jun 2020 12:38

Instrument :

BNA_N

ClientSampleId :

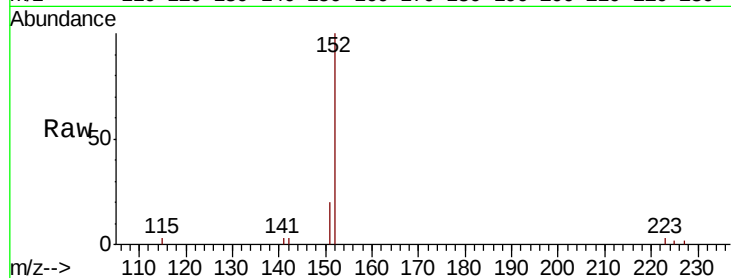
LF017MW005-200616

Tot Ion:152 Resp: 4259

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.87

2500

2000

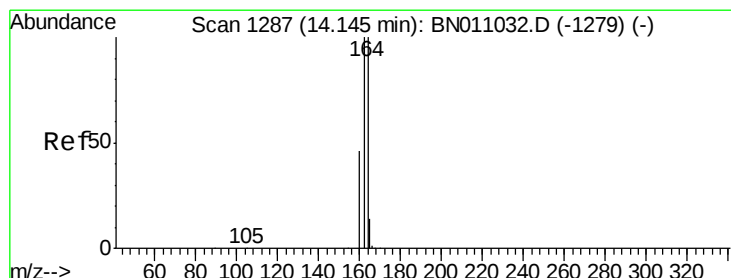
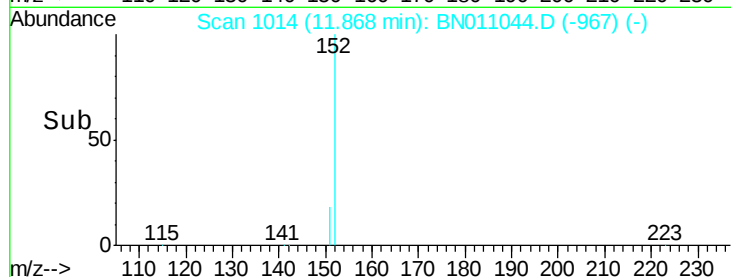
1500

1000

500

0

Time--> 11.80 11.90 12.00



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.14 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BN011044.D

Acq: 24 Jun 2020 12:38

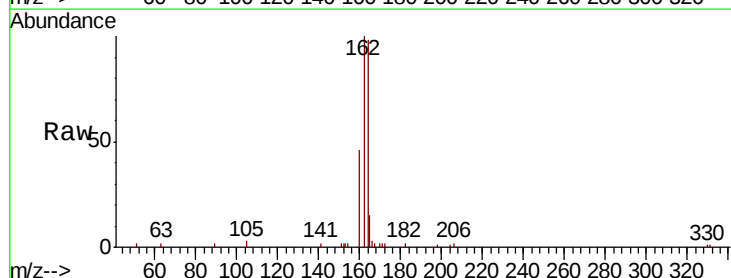
Tgt Ion:164 Resp: 4842

Ion Ratio Lower Upper

164 100

162 101.7 80.2 120.4

160 46.9 37.7 56.5



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

14.14

4000

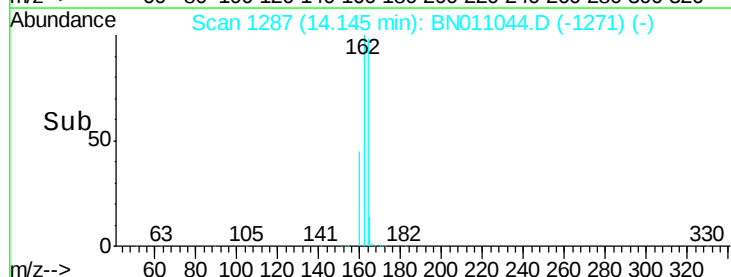
3000

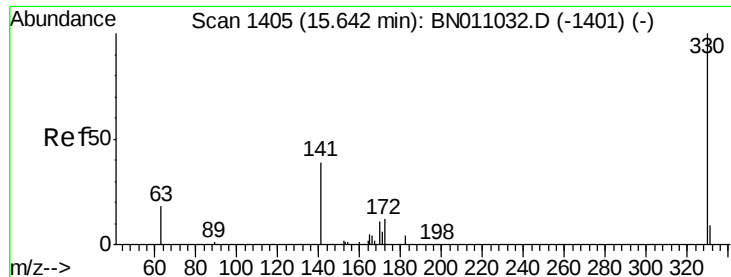
2000

1000

0

Time--> 14.00 14.20

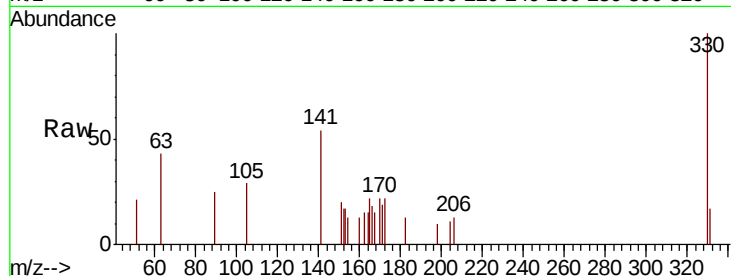




#14
2,4,6-Tribromophenol
Concen: 0.375 ng
RT: 15.64 min Scan# 1405
Delta R.T. 0.00 min
Lab File: BN011044.D
Acq: 24 Jun 2020 12:38

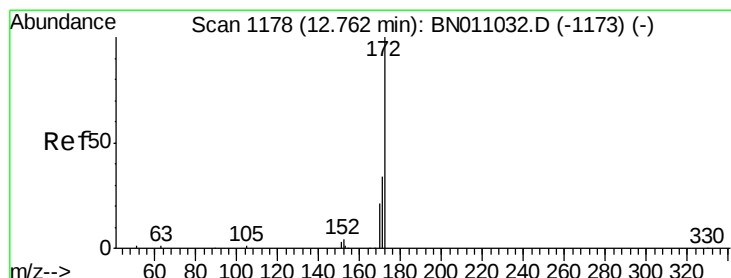
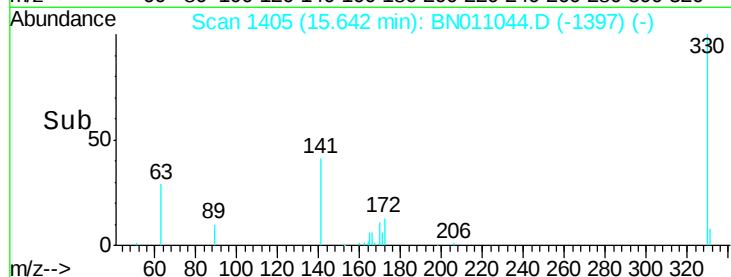
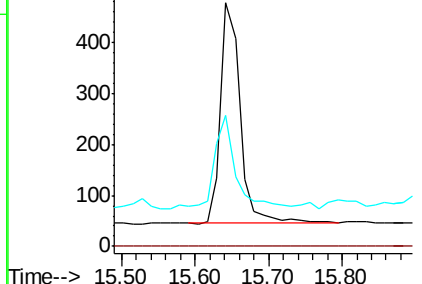
Instrument :
BNA_N
ClientSampleId :
LF017MW005-200616

Tot Ion:330 Resp: 798
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 46.5 34.5 51.7



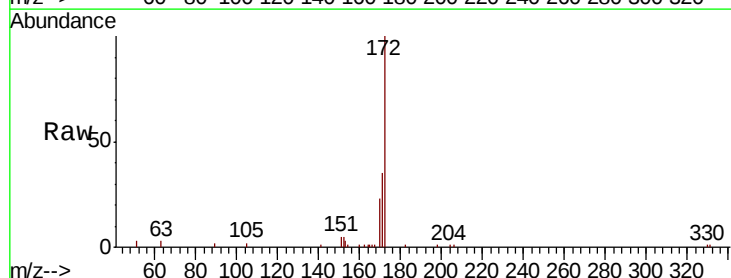
Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

15.64



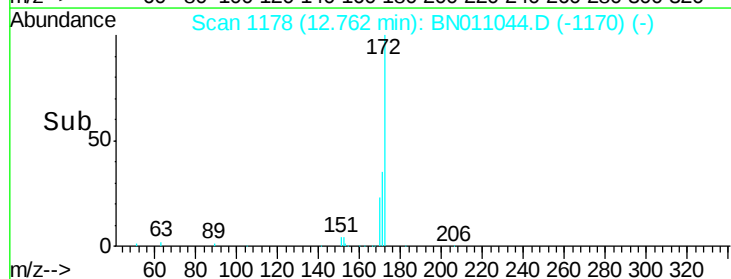
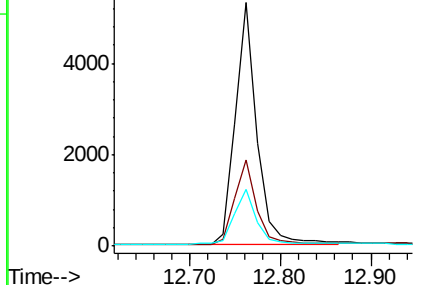
#15
2-Fluorobiphenyl
Concen: 0.383 ng
RT: 12.76 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BN011044.D
Acq: 24 Jun 2020 12:38

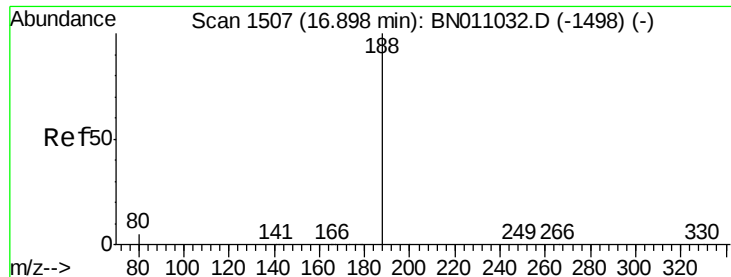
Tgt Ion:172 Resp: 8657
Ion Ratio Lower Upper
172 100
171 35.2 27.4 41.2
170 23.3 17.5 26.3



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

12.76





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.90 min Scan# 1507

Delta R.T. 0.00 min

Lab File: BN011044.D

Acq: 24 Jun 2020 12:38

Instrument :

BNA_N

ClientSampleId :

LF017MW005-200616

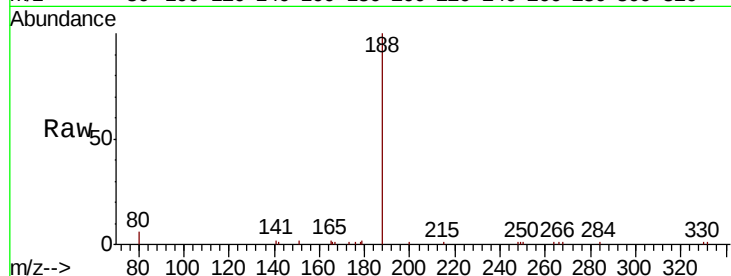
Tot Ion:188 Resp: 10233

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 6.5 4.6 7.0



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

16.90

8000

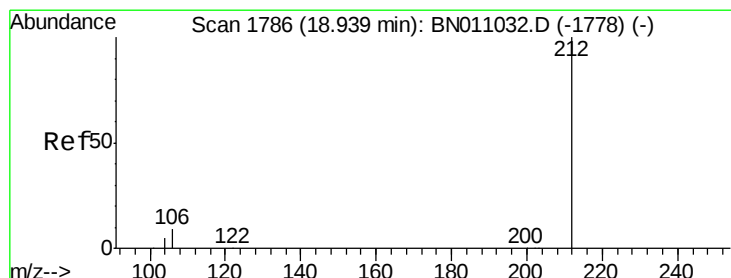
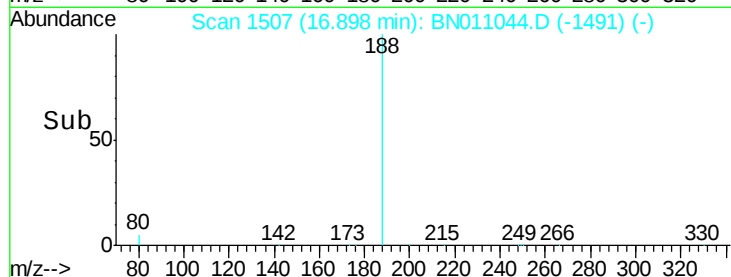
6000

4000

2000

0

Time--> 16.70 16.80 16.90 17.00



#27

Fluoranthene-d10

Concen: 0.375 ng

RT: 18.94 min Scan# 1784

Delta R.T. -0.00 min

Lab File: BN011044.D

Acq: 24 Jun 2020 12:38

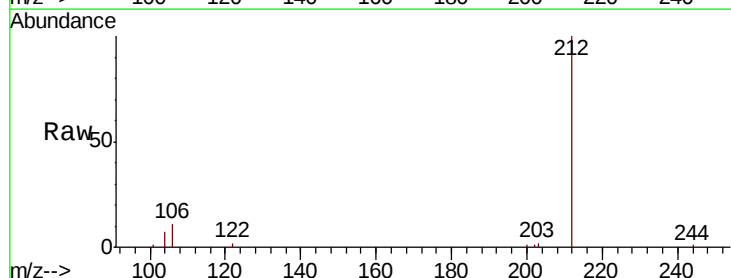
Tgt Ion:212 Resp: 12123

Ion Ratio Lower Upper

212 100

106 10.4 7.7 11.5

104 5.7 4.6 6.8



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

18.94

12000

10000

8000

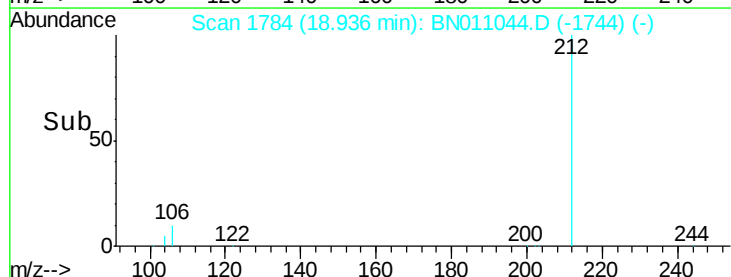
6000

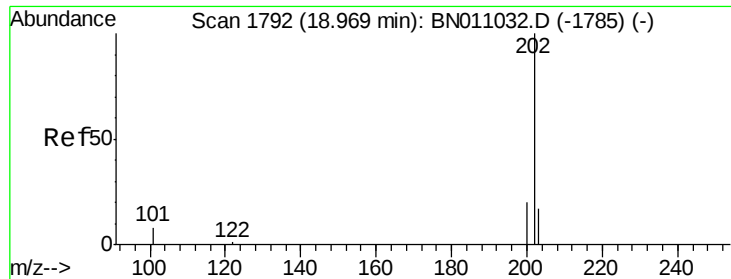
4000

2000

0

Time--> 18.80 18.90 19.00 19.10

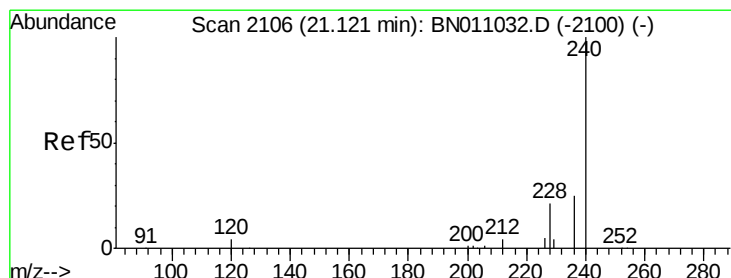
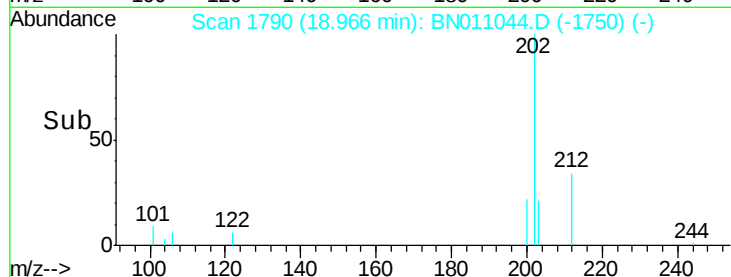
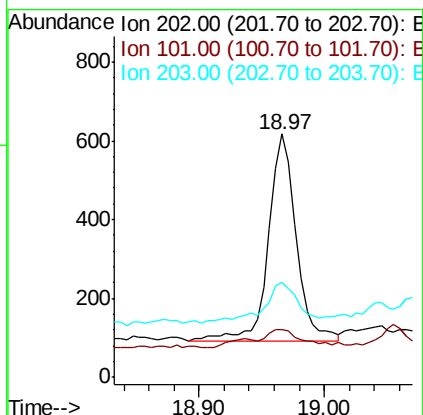
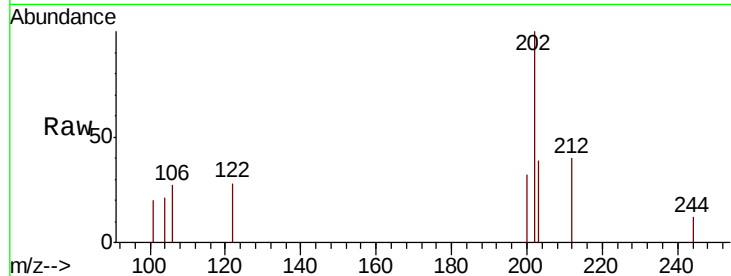




#28
 Fluoranthene
 Concen: 0.020 ng
 RT: 18.97 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: BN011044.D
 Acq: 24 Jun 2020 12:38

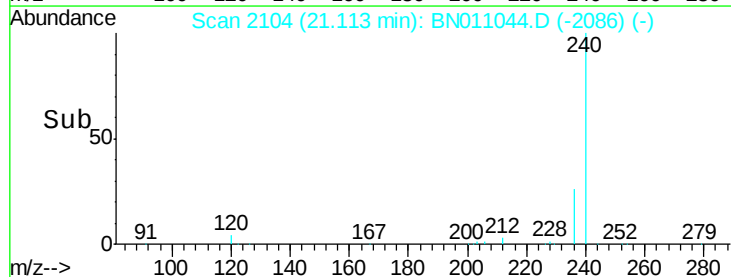
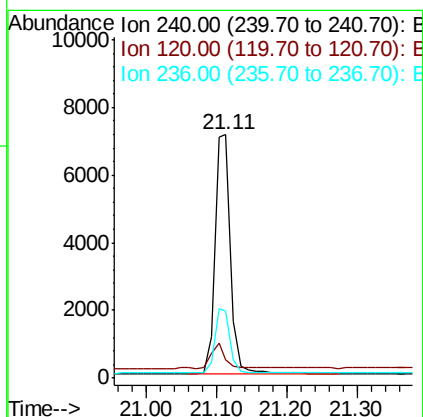
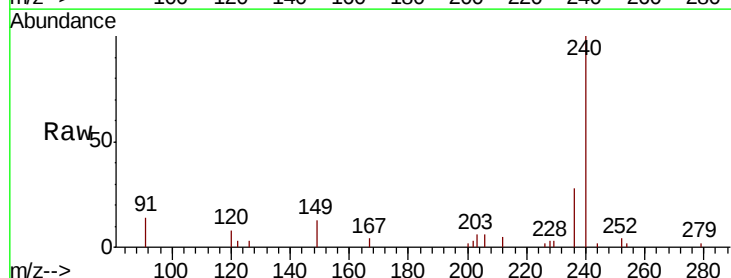
Instrument :
 BNA_N
 ClientSampleId :
 LF017MW005-200616

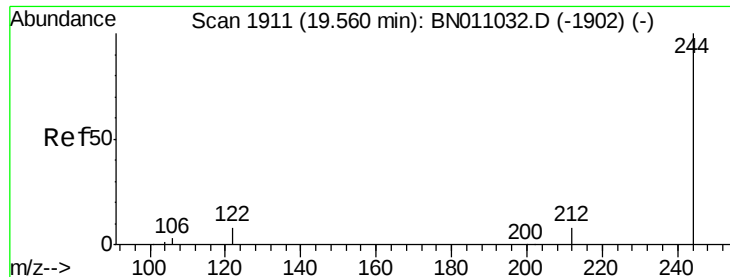
Tot Ion:202 Resp: 802
 Ion Ratio Lower Upper
 202 100
 101 9.4 6.6 10.0
 203 25.7 13.8 20.6#



#29
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.11 min Scan# 2104
 Delta R.T. -0.01 min
 Lab File: BN011044.D
 Acq: 24 Jun 2020 12:38

Tgt Ion:240 Resp: 11243
 Ion Ratio Lower Upper
 240 100
 120 7.6 5.4 8.0
 236 27.5 21.4 32.2





#31

Terphenyl-d14

Concen: 0.474 ng

RT: 19.55 min Scan# 1908

Delta R.T. -0.01 min

Lab File: BN011044.D

Acq: 24 Jun 2020 12:38

Instrument :

BNA_N

ClientSampleId :

LF017MW005-200616

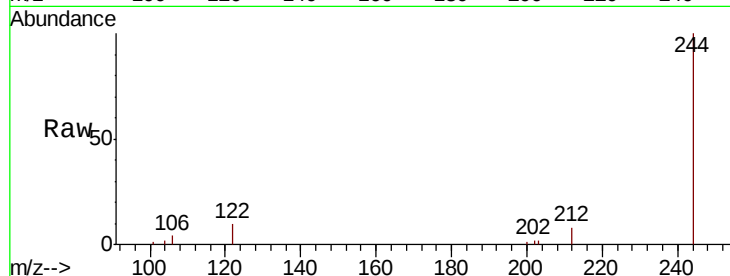
Tot Ion:244 Resp: 14312

Ion Ratio Lower Upper

244 100

212 8.3 6.9 10.3

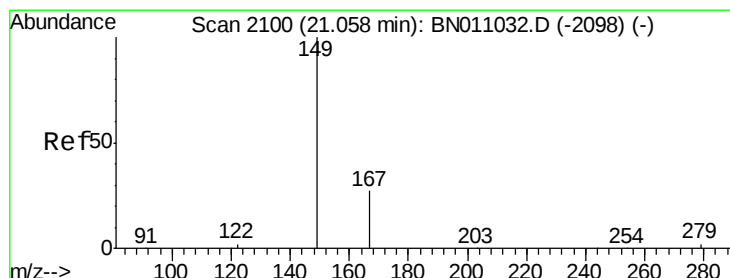
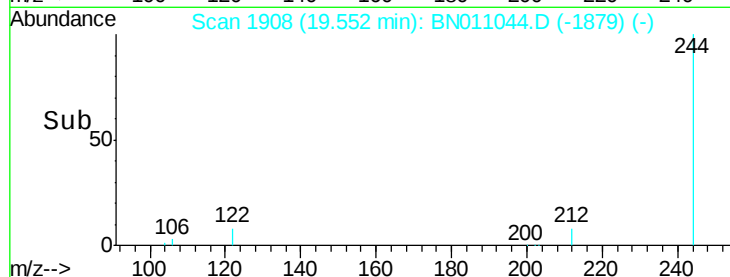
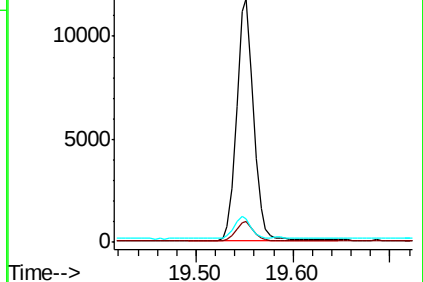
122 9.7 7.4 11.0



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

Bis(2-ethylhexyl)phthalate

Concen: 0.108 ng

RT: 21.05 min Scan# 2098

Delta R.T. -0.01 min

Lab File: BN011044.D

Acq: 24 Jun 2020 12:38

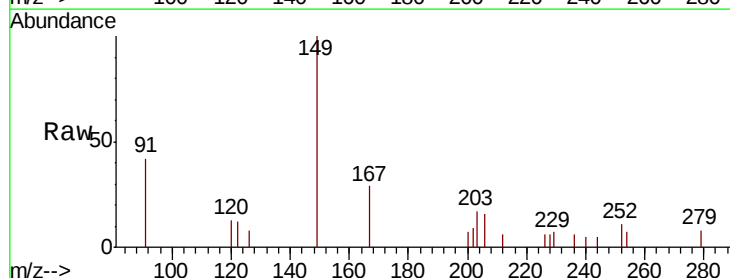
Tgt Ion:149 Resp: 1695

Ion Ratio Lower Upper

149 100

167 27.4 22.2 33.2

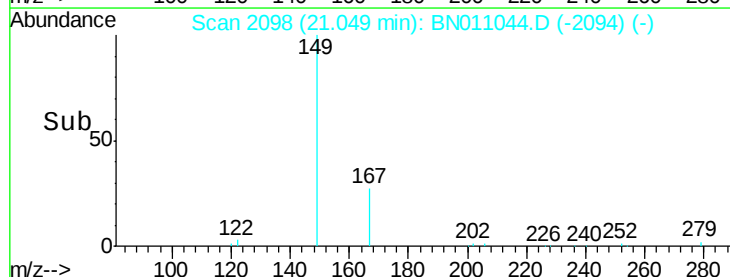
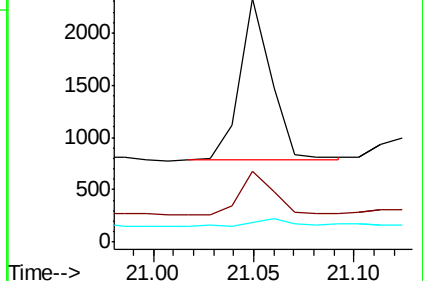
279 5.1 3.9 5.9

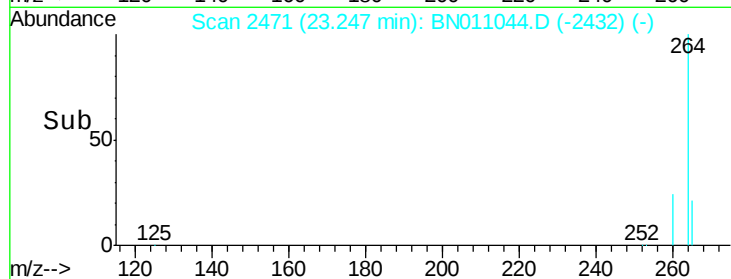
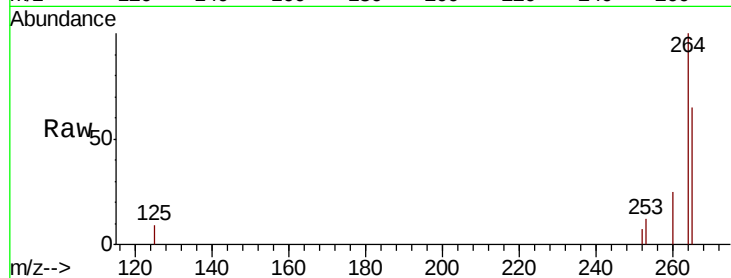
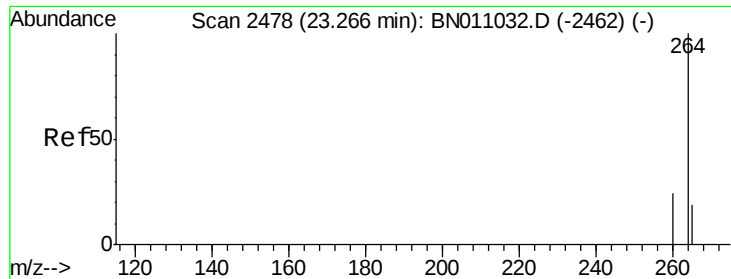


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#36

Pervlene-d12

Concen: 0.400 ng

RT: 23.25 min Scan# 2471

Delta R.T. -0.02 min

Lab File: BN011044.D

Acq: 24 Jun 2020 12:38

Instrument :

BNA_N

ClientSampleId :

LF017MW005-200616

Tot Ion: 264 Resp: 10953

Ion Ratio Lower Upper

264 100

260 24.9 20.0 30.0

265 64.7 64.9 97.3#

