

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061920\
 Data File : BN010984.D
 Acq On : 20 Jun 2020 01:58
 Operator : CG/JU
 Sample : L3043-04DL 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE103D1-20200616DL

Quant Time: Jun 20 06:18:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 19 12:43:49 2020
 Response via : Initial Calibration

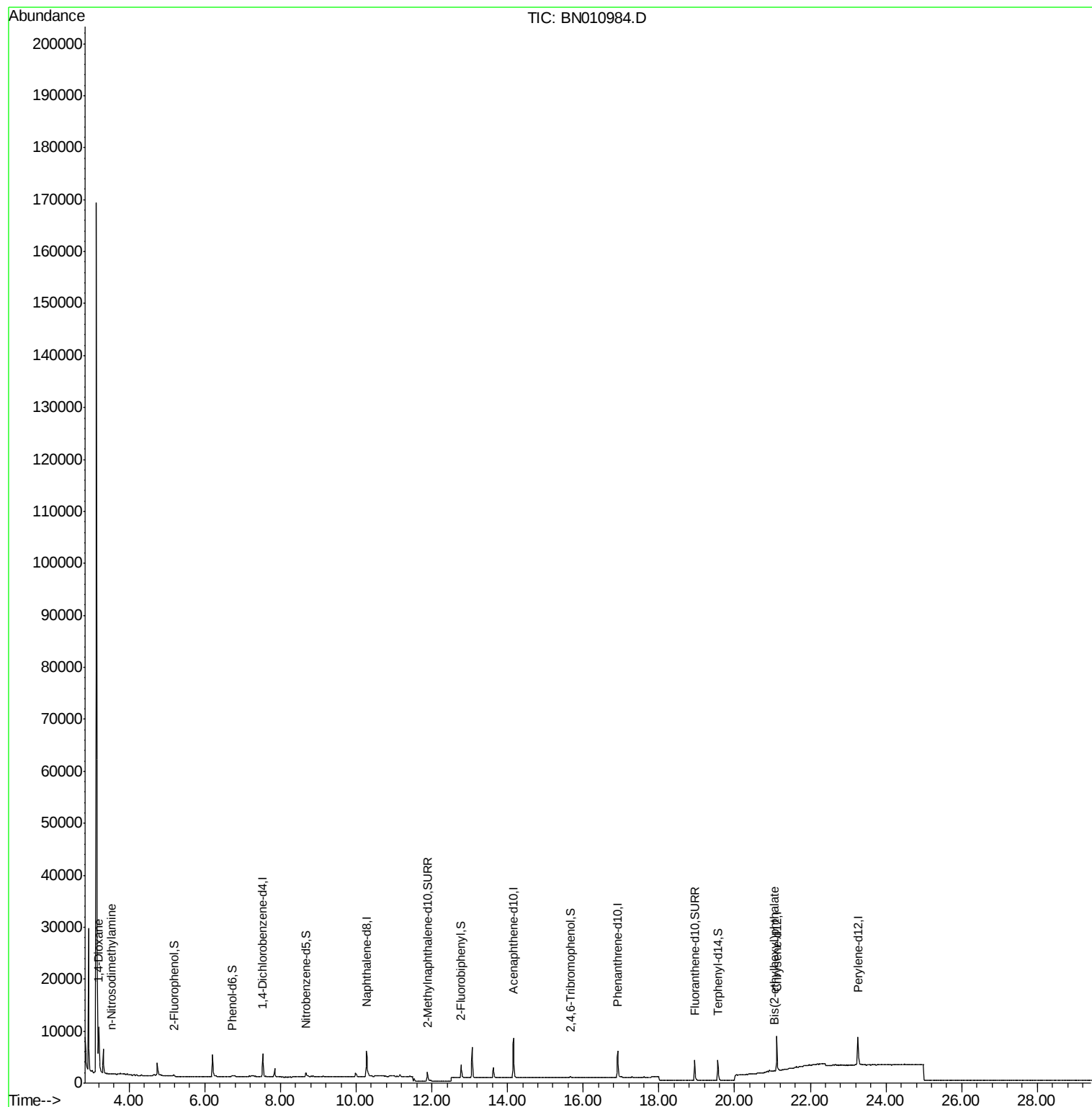
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	2360	0.40	ng	0.00
7) Naphthalene-d8	10.28	136	7971	0.40	ng	0.00
13) Acenaphthene-d10	14.16	164	5008	0.40	ng	0.00
19) Phenanthrene-d10	16.91	188	9308	0.40	ng	0.01
27) Chrysene-d12	21.11	240	7883	0.40	ng	-0.01
34) Perylene-d12	23.26	264	7943	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	284	0.06	ng	0.00
5) Phenol-d6	6.74	99	210	0.04	ng	0.00
8) Nitrobenzene-d5	8.68	82	961	0.16	ng	0.01
11) 2-Methylnaphthalene-d10	11.89	152	2196	0.18	ng	0.00
14) 2,4,6-Tribromophenol	15.66	330	243	0.14	ng	0.01
15) 2-Fluorobiphenyl	12.78	172	2707	0.14	ng	0.00
25) Fluoranthene-d10	18.95	212	5732	0.22	ng	0.00
29) Terphenyl-d14	19.56	244	4526	0.25	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.21	88	6279	2.716	ng	Qvalue 98
3) n-Nitrosodimethylamine	3.53	42	27	0.020	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.06	149	279	0.036	ng	99

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

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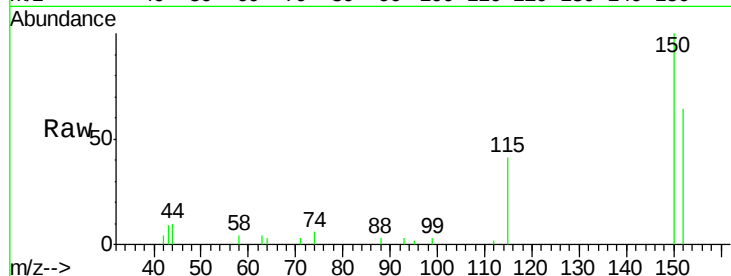


#1

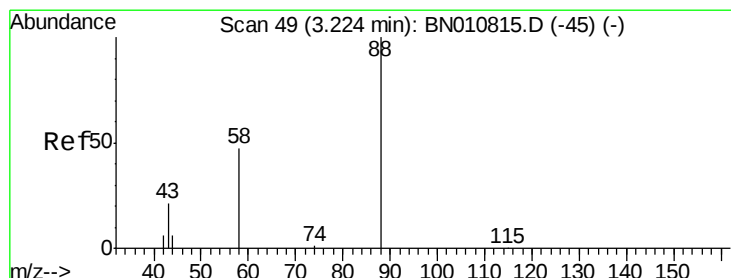
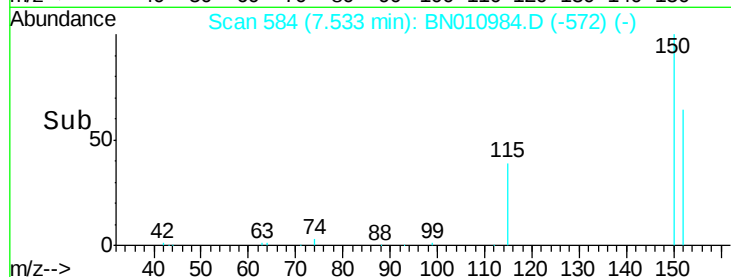
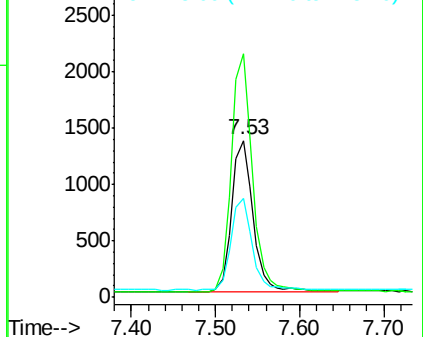
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.53 min Scan# 584
Delta R.T. -0.00 min
Lab File: BN010984.D
Acq: 20 Jun 2020 01:58

Instrument :
BNA_N
ClientSampleId :
RE103D1-20200616DL

Tot Ion:152 Resp: 2360
Ion Ratio Lower Upper
152 100
150 155.1 123.8 185.6
115 63.3 49.2 73.8



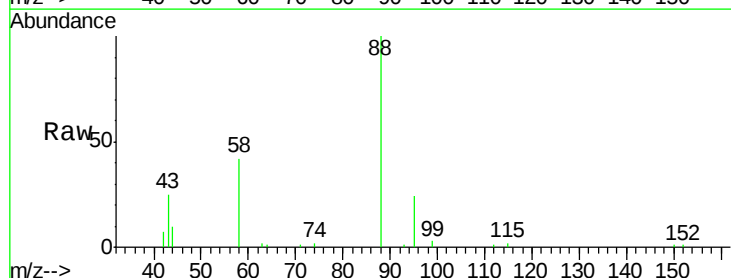
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



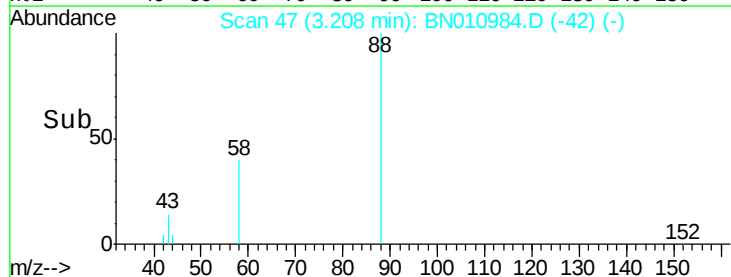
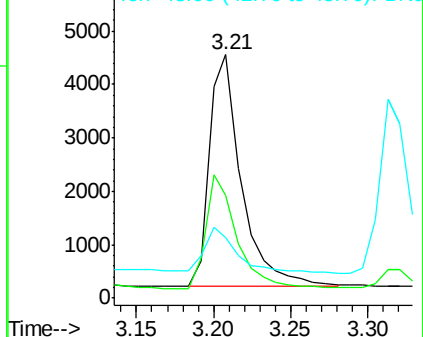
#2

1,4-Dioxane
Concen: 2.716 ng
RT: 3.21 min Scan# 47
Delta R.T. -0.01 min
Lab File: BN010984.D
Acq: 20 Jun 2020 01:58

Tgt Ion: 88 Resp: 6279
Ion Ratio Lower Upper
88 100
58 46.7 38.2 57.4
43 20.2 15.1 22.7



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





#3

n-Nitrosodimethylamine

Concen: 0.020 ng

RT: 3.53 min Scan# 87

Delta R.T. 0.01 min

Lab File: BN010984.D

Acq: 20 Jun 2020 01:58

Instrument :

BNA_N

ClientSampleId :

RE103D1-20200616DL

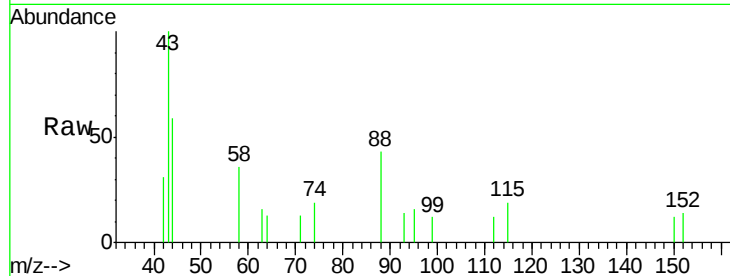
Tot Ion: 42 Resp: 27

Ion Ratio Lower Upper

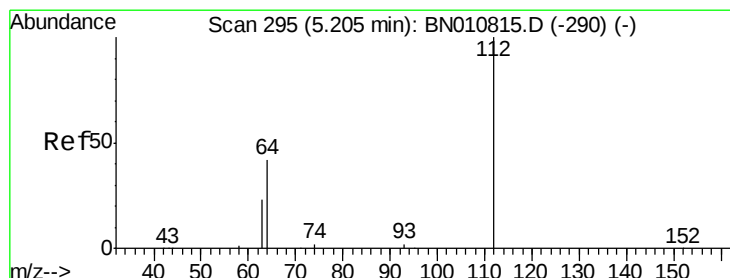
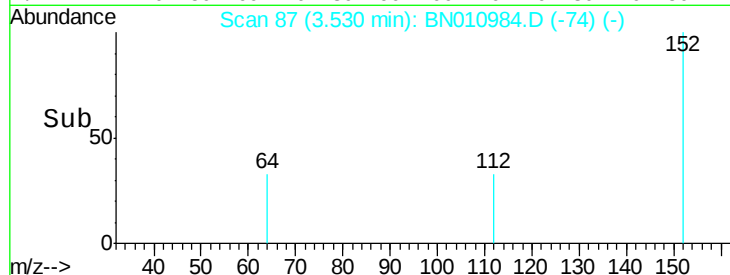
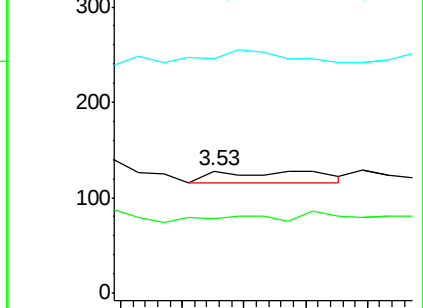
42 100

74 0.0 140.7 211.1#

44 66.7 1.4 2.2#



Abundance Ion 42.00 (41.70 to 42.70): BNC
Ion 74.00 (73.70 to 74.70): BNC
Ion 44.00 (43.70 to 44.70): BNC



#4

2-Fluorophenol

Concen: 0.062 ng

RT: 5.18 min Scan# 292

Delta R.T. -0.00 min

Lab File: BN010984.D

Acq: 20 Jun 2020 01:58

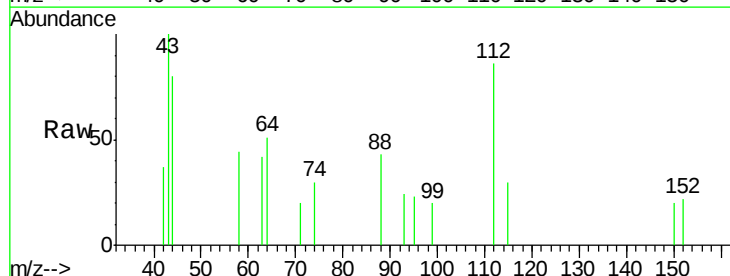
Tgt Ion: 112 Resp: 284

Ion Ratio Lower Upper

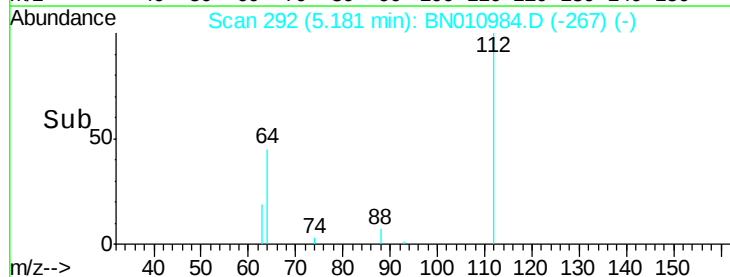
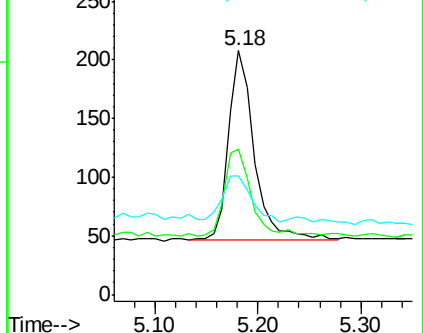
112 100

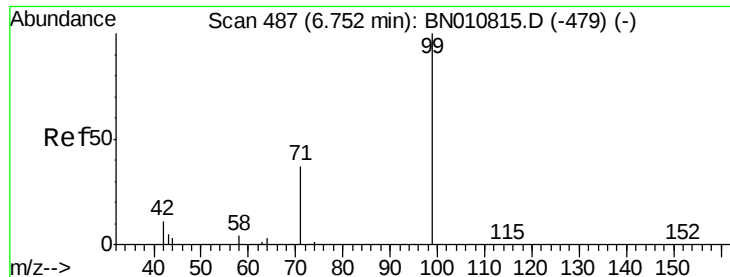
64 50.4 37.4 56.0

63 26.4 22.2 33.4



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: 0.039 ng

RT: 6.74 min Scan# 485

Delta R.T. 0.01 min

Lab File: BN010984.D

Acq: 20 Jun 2020 01:58

Instrument :

BNA_N

ClientSampleId :

RE103D1-20200616DL

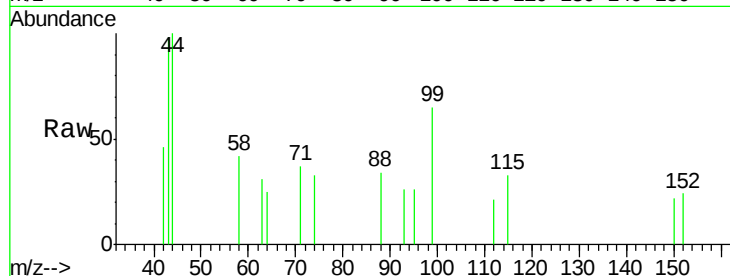
Tot Ion: 99 Resp: 210

Ion Ratio Lower Upper

99 100

42 39.0 11.1 16.7#

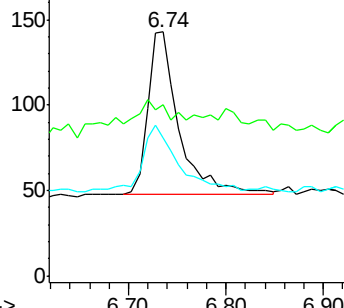
71 50.0 31.4 47.2#



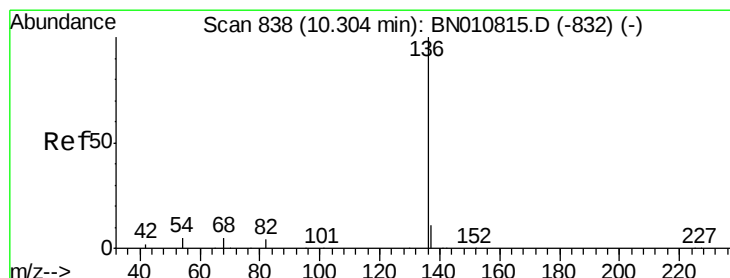
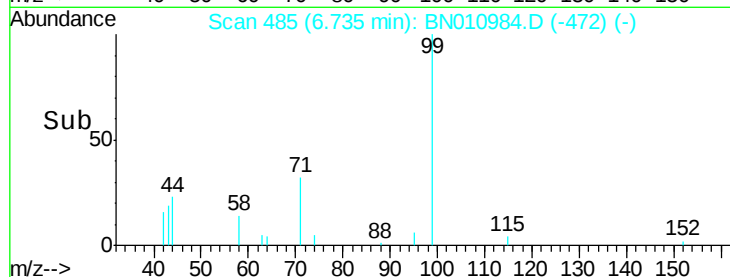
Abundance Ion 99.00 (98.70 to 99.70): BN010815.D (-479) (-)

Ion 42.00 (41.70 to 42.70): BN010815.D (-479) (-)

Ion 71.00 (70.70 to 71.70): BN010815.D (-479) (-)



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.28 min Scan# 836

Delta R.T. -0.00 min

Lab File: BN010984.D

Acq: 20 Jun 2020 01:58

Tgt Ion: 136 Resp: 7971

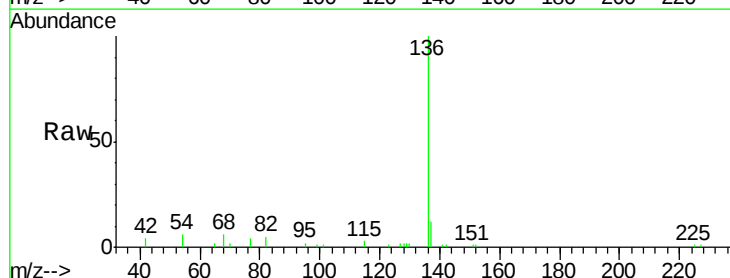
Ion Ratio Lower Upper

136 100

137 12.2 9.7 14.5

54 5.6 4.9 7.3

68 6.1 4.7 7.1

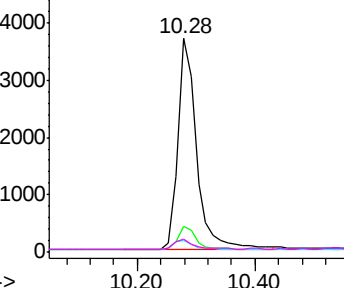


Abundance Ion 136.00 (135.70 to 136.70): BN010815.D (-832) (-)

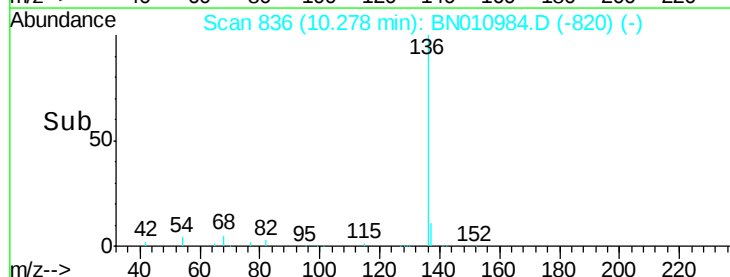
Ion 137.00 (136.70 to 137.70): BN010815.D (-832) (-)

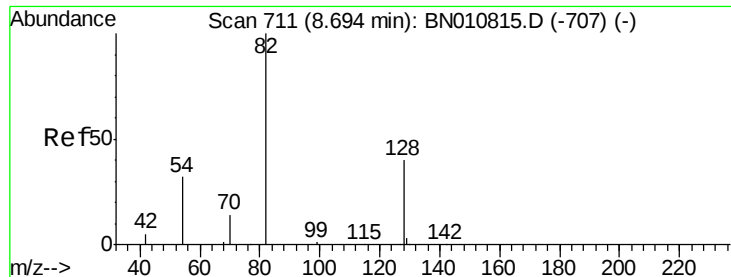
Ion 54.00 (53.70 to 54.70): BN010815.D (-832) (-)

Ion 68.00 (67.70 to 68.70): BN010815.D (-832) (-)



Time-->





#8

Nitrobenzene-d5

Concen: 0.163 ng

RT: 8.68 min Scan# 710

Delta R.T. 0.01 min

Lab File: BN010984.D

Acq: 20 Jun 2020 01:58

Instrument :

BNA_N

ClientSampleId :

RE103D1-20200616DL

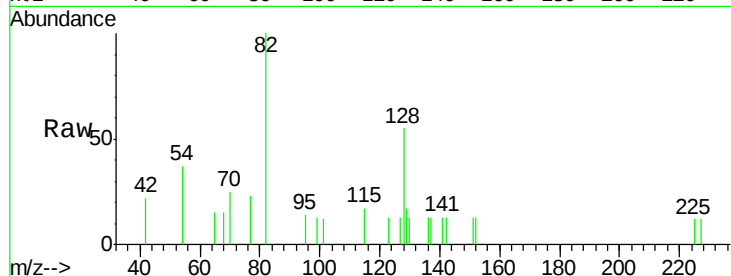
Tot Ion: 82 Resp: 961

Ion Ratio Lower Upper

82 100

128 54.6 35.4 53.0#

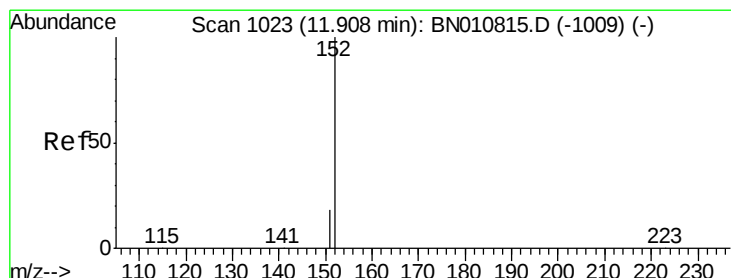
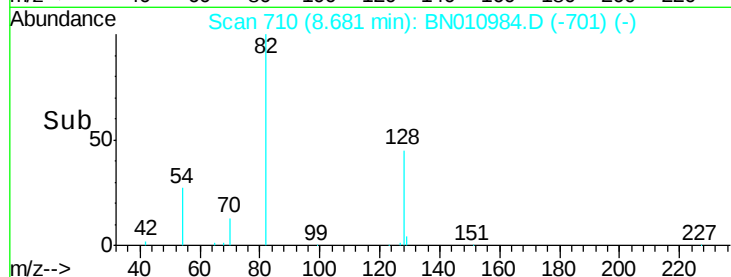
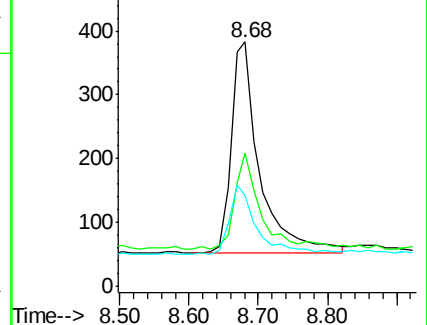
54 36.8 28.2 42.4



Abundance Ion 82.00 (81.70 to 82.70): BN010815.D (-707) (-)

Ion 128.00 (127.70 to 128.70): BN010815.D (-707) (-)

Ion 54.00 (53.70 to 54.70): BN010815.D (-707) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.178 ng

RT: 11.89 min Scan# 1018

Delta R.T. 0.01 min

Lab File: BN010984.D

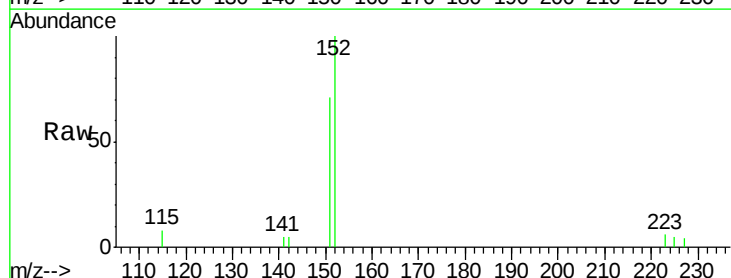
Acq: 20 Jun 2020 01:58

Tgt Ion: 152 Resp: 2196

Ion Ratio Lower Upper

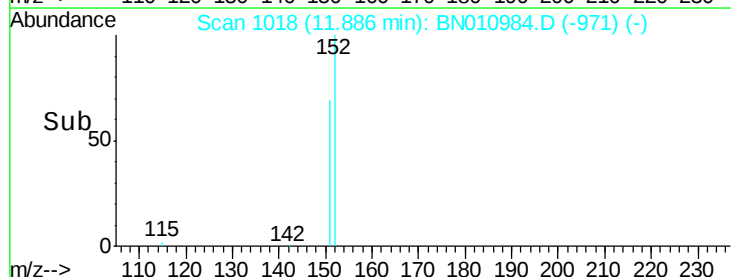
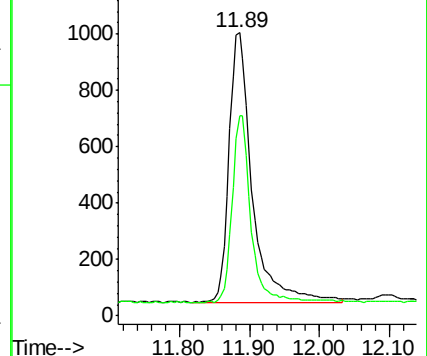
152 100

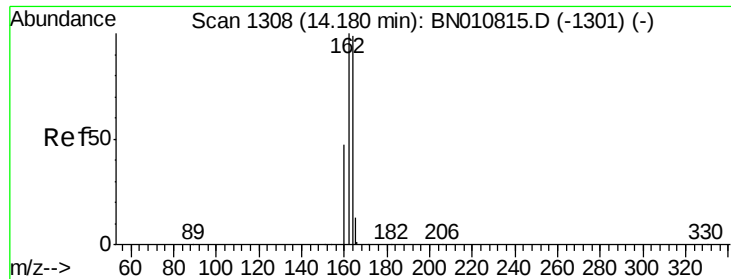
151 55.2 15.3 22.9#



Abundance Ion 152.00 (151.70 to 152.70): BN010815.D (-1009) (-)

Ion 151.00 (150.70 to 151.70): BN010815.D (-1009) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.16 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BN010984.D

Acq: 20 Jun 2020 01:58

Instrument :

BNA_N

ClientSampleId :

RE103D1-20200616DL

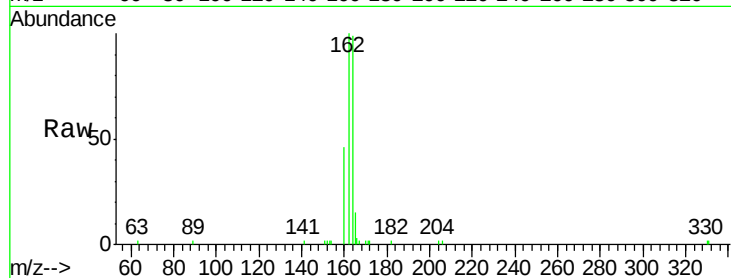
Tot Ion:164 Resp: 5008

Ion Ratio Lower Upper

164 100

162 101.4 81.0 121.6

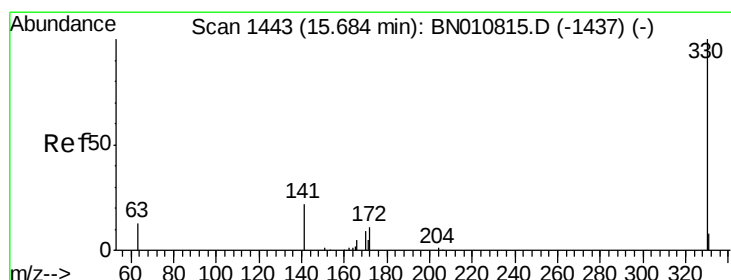
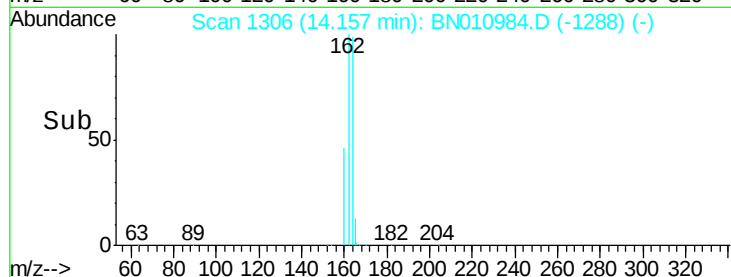
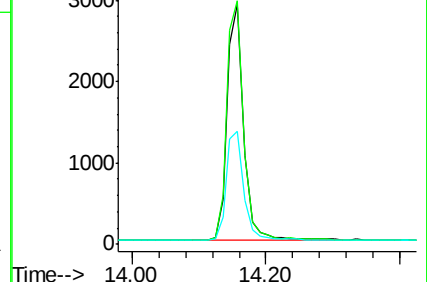
160 47.1 38.9 58.3



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: 0.136 ng

RT: 15.66 min Scan# 1441

Delta R.T. 0.01 min

Lab File: BN010984.D

Acq: 20 Jun 2020 01:58

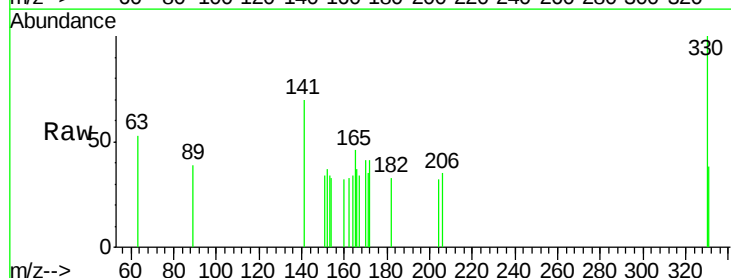
Tgt Ion:330 Resp: 243

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

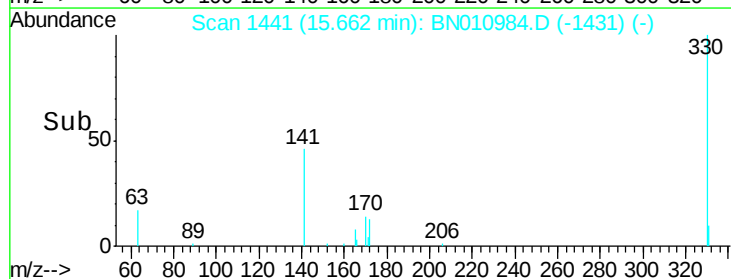
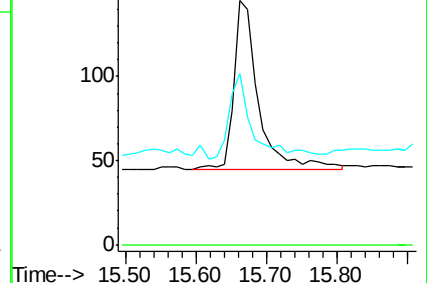
141 50.2 33.2 49.8#

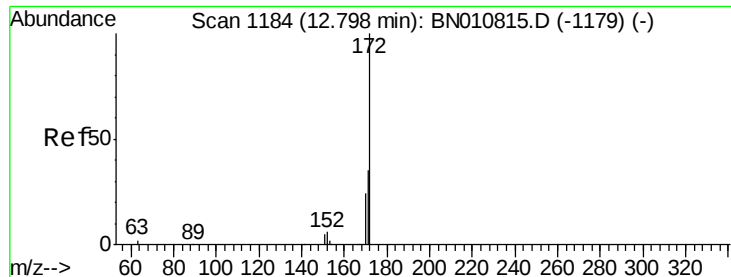


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

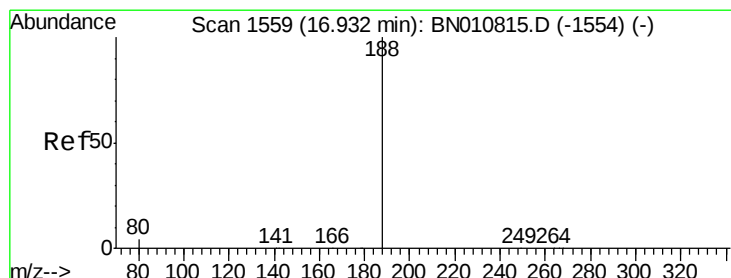
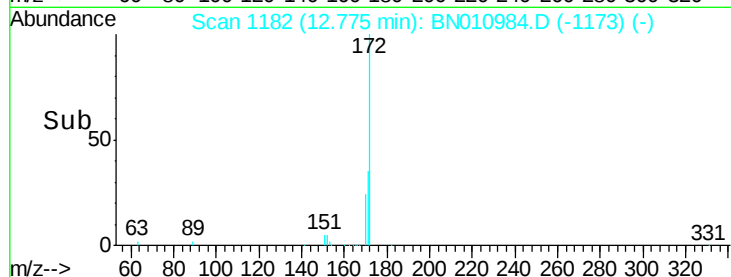
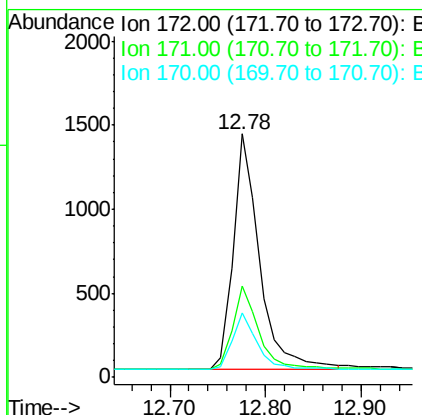
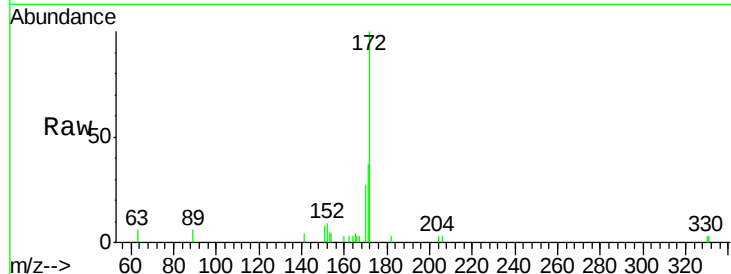




#15
2-Fluorobiphenyl
Concen: 0.137 ng
RT: 12.78 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BN010984.D
Acq: 20 Jun 2020 01:58

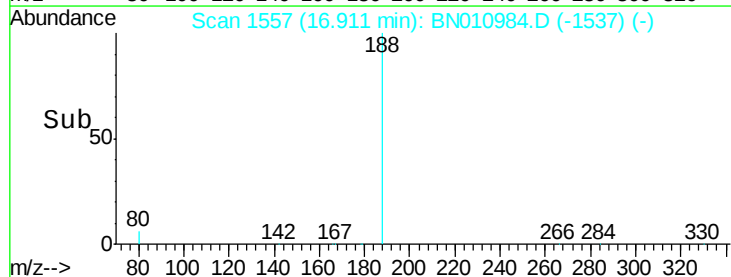
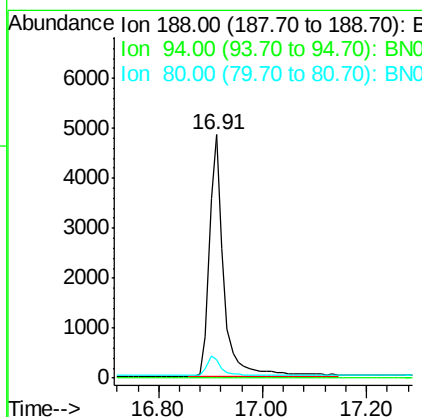
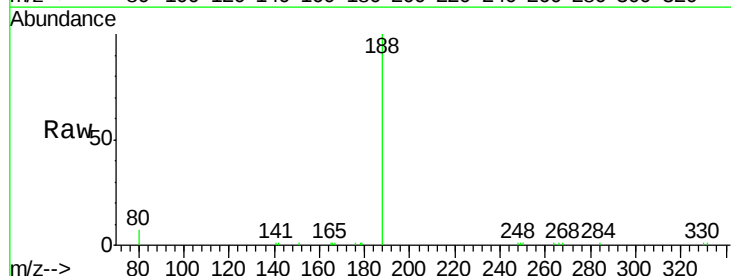
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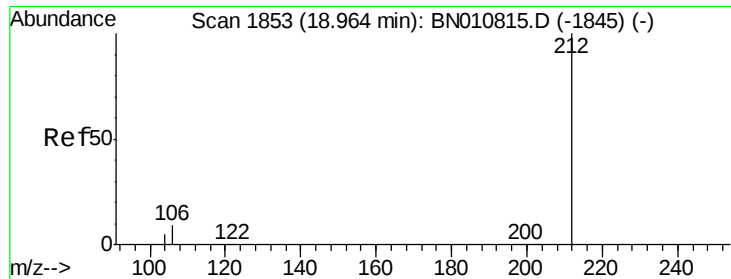
Tot Ion:172 Resp: 2707
Ion Ratio Lower Upper
172 100
171 37.4 28.5 42.7
170 26.5 19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.91 min Scan# 1557
Delta R.T. 0.01 min
Lab File: BN010984.D
Acq: 20 Jun 2020 01:58

Tgt Ion:188 Resp: 9308
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.5 4.5 6.7#





#25

Fluoranthene-d10

Concen: 0.223 ng

RT: 18.95 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BN010984.D

Acq: 20 Jun 2020 01:58

Instrument :

BNA_N

ClientSampleId :

RE103D1-20200616DL

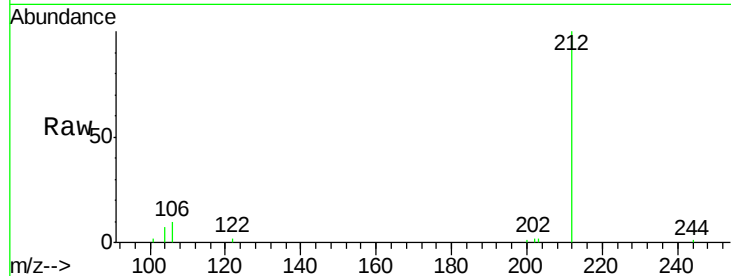
Tot Ion:212 Resp: 5732

Ion Ratio Lower Upper

212 100

106 9.0 6.6 10.0

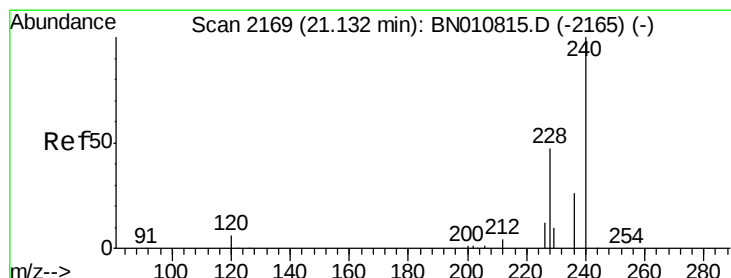
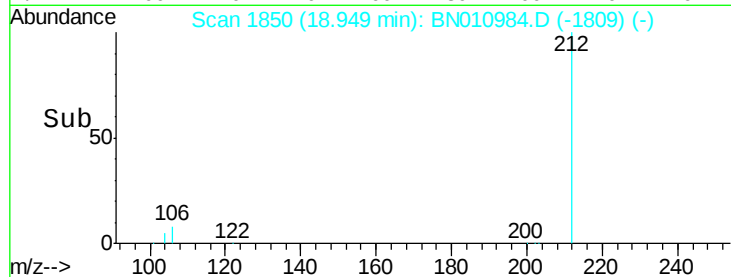
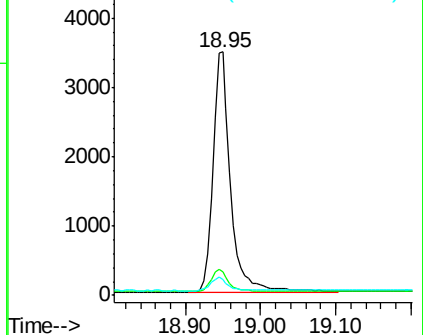
104 5.3 4.0 6.0



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: BN010984.D

Acq: 20 Jun 2020 01:58

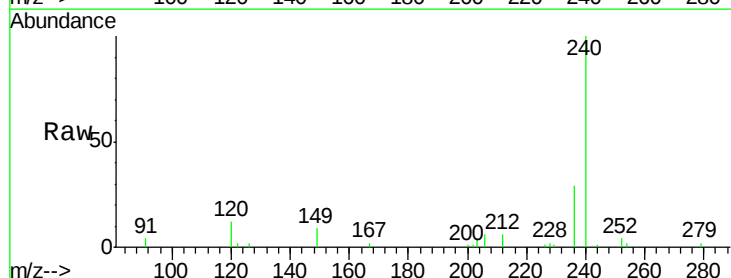
Tgt Ion:240 Resp: 7883

Ion Ratio Lower Upper

240 100

120 11.5 7.5 11.3#

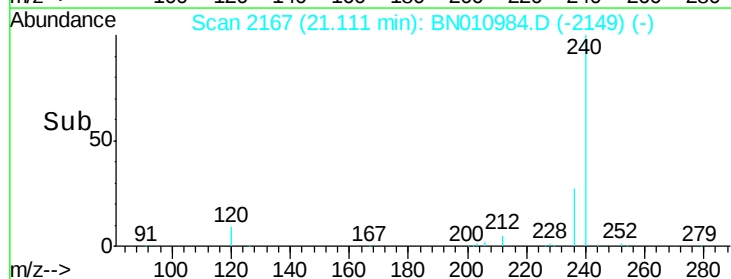
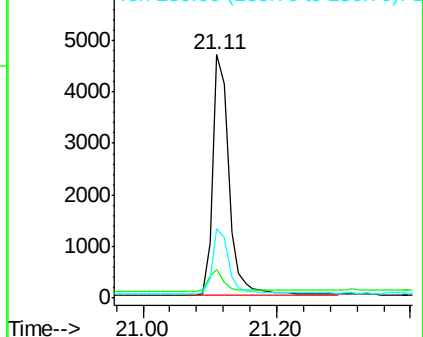
236 28.8 22.3 33.5

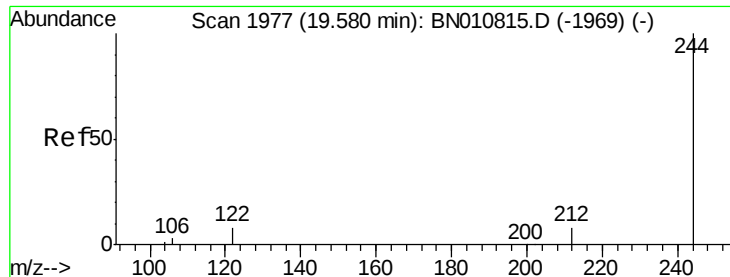


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.245 ng

RT: 19.56 min Scan# 1973

Delta R.T. -0.00 min

Lab File: BN010984.D

Acq: 20 Jun 2020 01:58

Instrument :

BNA_N

ClientSampleId :

RE103D1-20200616DL

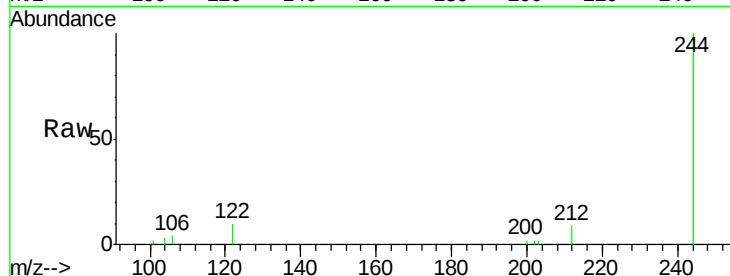
Tot Ion:244 Resp: 4526

Ion Ratio Lower Upper

244 100

212 9.5 7.4 11.2

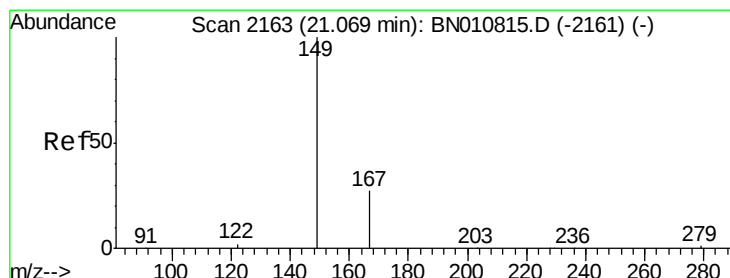
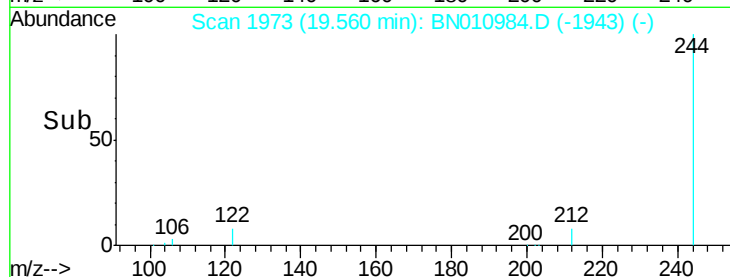
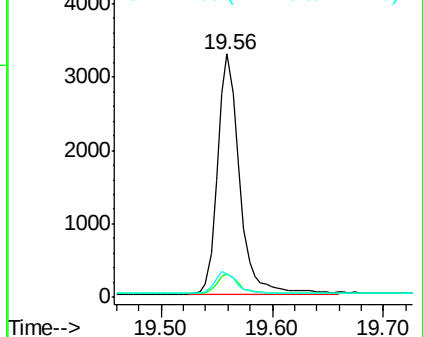
122 9.7 7.5 11.3



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: 0.036 ng

RT: 21.06 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BN010984.D

Acq: 20 Jun 2020 01:58

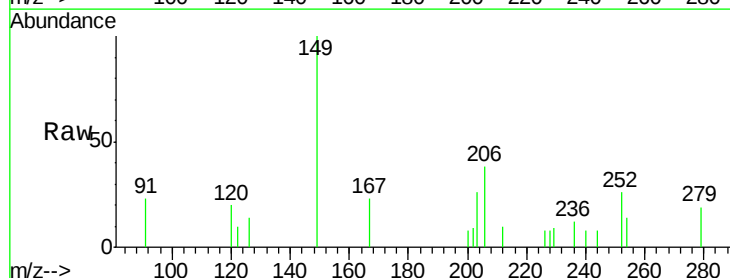
Tgt Ion:149 Resp: 279

Ion Ratio Lower Upper

149 100

167 30.8 24.1 36.1

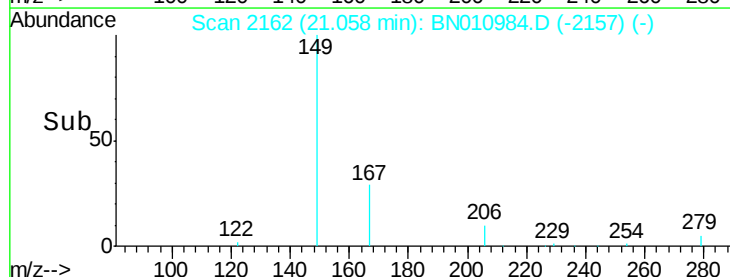
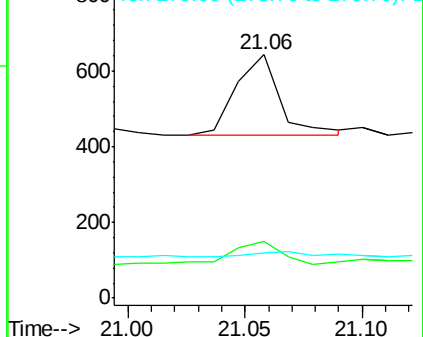
279 6.5 4.6 7.0

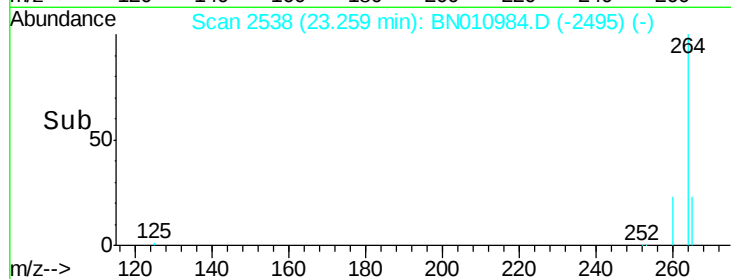
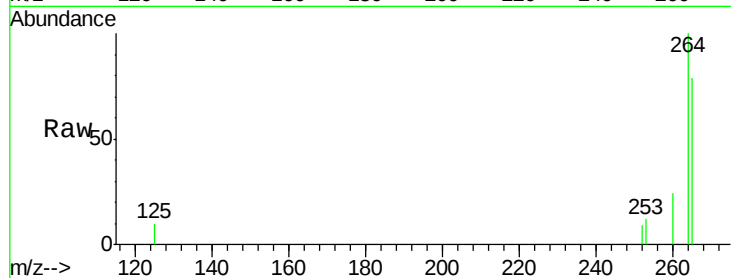


Abundance Ion 149.00 (148.70 to 149.70): E

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# 2538

Delta R.T. -0.00 min

Lab File: BN010984.D

Acq: 20 Jun 2020 01:58

Instrument :

BNA_N

ClientSampleId :

RE103D1-20200616DL

Tot Ion: 264 Resp: 7943

Ion Ratio Lower Upper

264 100

260 24.3 20.4 30.6

265 79.2 75.0 112.4

