

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061520\
 Data File : BN010870.D
 Acq On : 15 Jun 2020 12:15
 Operator : CG/JU
 Sample : L2988-06DL 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D5-20200608DL

Quant Time: Jun 15 12:47:12 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 15 11:09:46 2020
 Response via : Initial Calibration

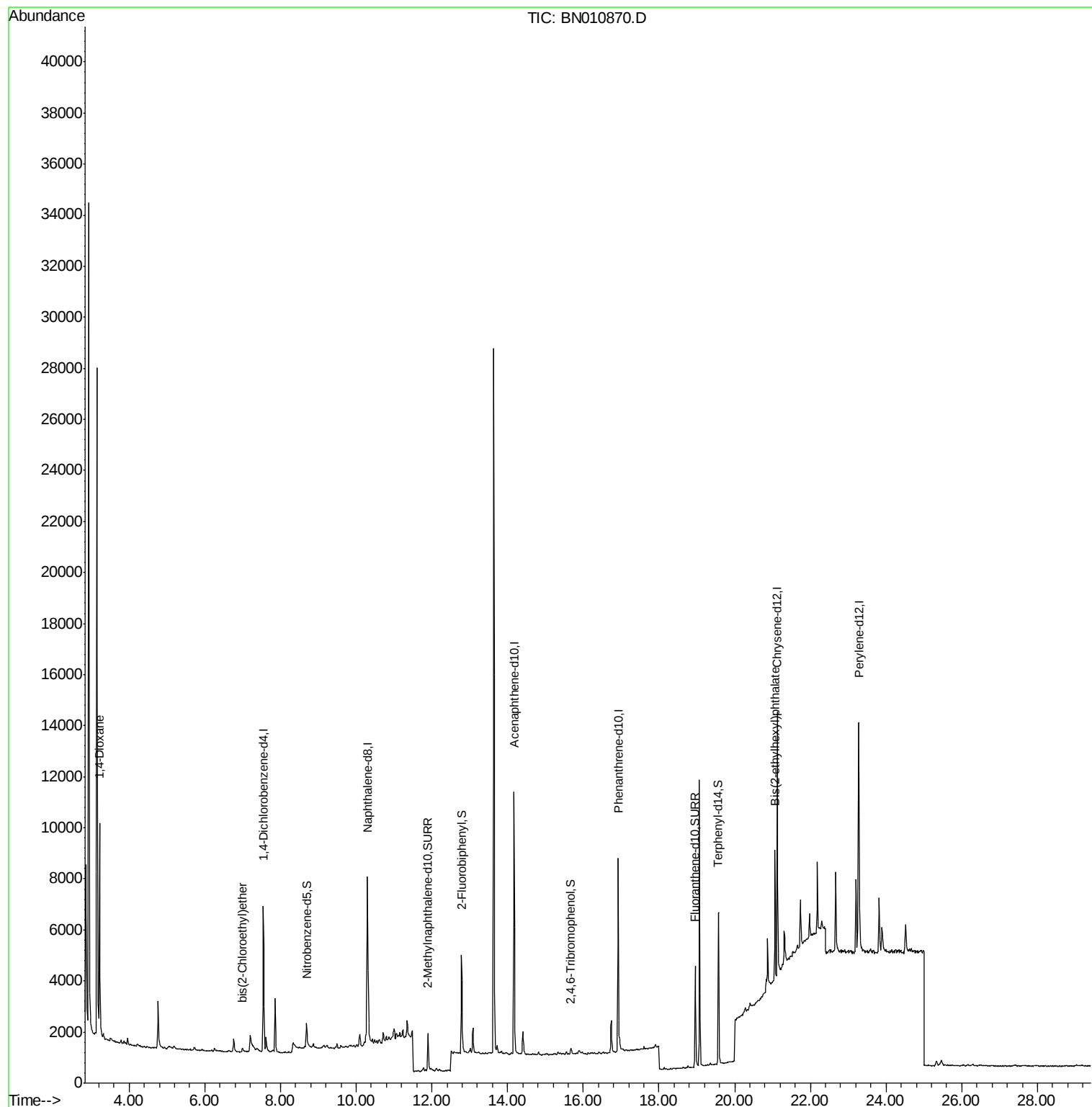
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	2800	0.40	ng	0.00
7) Naphthalene-d8	10.30	136	10026	0.40	ng	0.00
13) Acenaphthene-d10	14.17	164	5687	0.40	ng	0.00
19) Phenanthrene-d10	16.92	188	11618	0.40	ng	0.00
27) Chrysene-d12	21.13	240	11391	0.40	ng	0.00
34) Perylene-d12	23.28	264	12550	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	67	0.01	ng	0.00
5) Phenol-d6	6.75	99	64	0.01	ng	0.00
8) Nitrobenzene-d5	8.69	82	1203	0.16	ng	0.01
11) 2-Methylnaphthalene-d10	11.89	152	2328	0.15	ng	0.00
14) 2,4,6-Tribromophenol	15.67	330	219	0.11	ng	0.00
15) 2-Fluorobiphenyl	12.79	172	3688	0.16	ng	0.00
25) Fluoranthene-d10	18.96	212	5201	0.16	ng	0.00
29) Terphenyl-d14	19.57	244	6721	0.25	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.22	88	6597	2.405	ng	Qvalue 98
6) bis(2-Chloroethyl)ether	6.99	93	181	0.029	ng	# 91
32) Bis(2-ethylhexyl)phthalate	21.07	149	4139	0.371	ng	95

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

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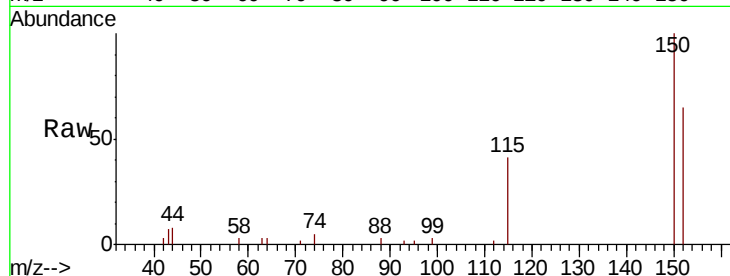


#1

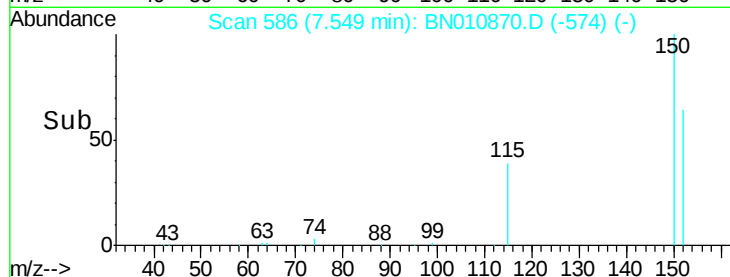
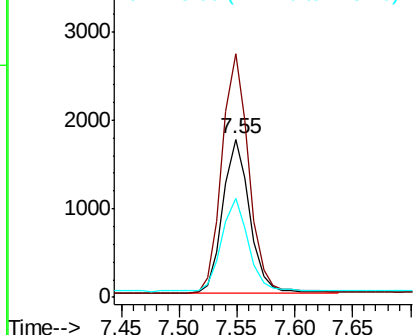
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.55 min Scan# 586
Delta R.T. -0.00 min
Lab File: BN010870.D
Acq: 15 Jun 2020 12:15

Instrument :
BNA_N
ClientSampleId :
RE132D5-20200608DL

Tot Ion:152 Resp: 2800
Ion Ratio Lower Upper
152 100
150 154.1 123.8 185.6
115 62.6 49.2 73.8



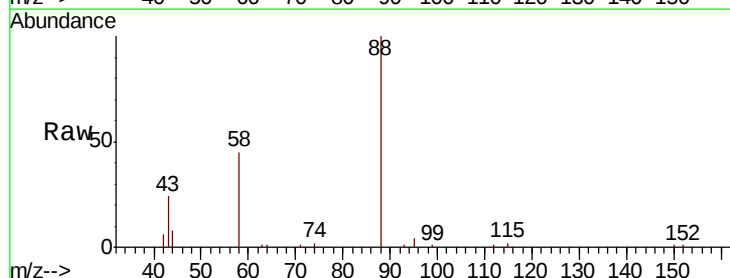
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



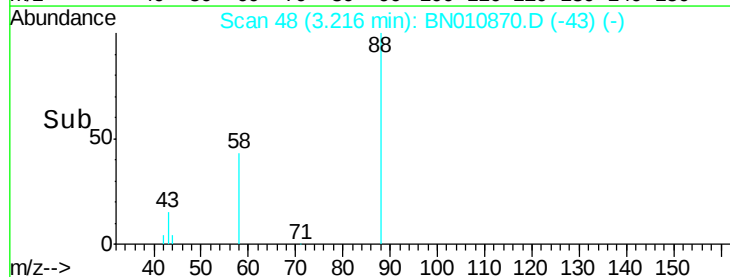
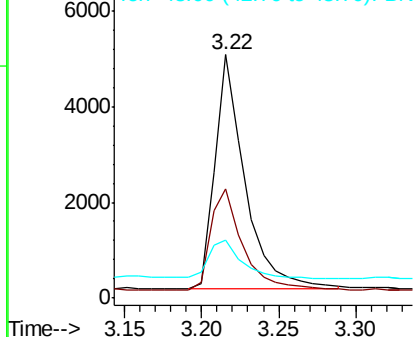
#2

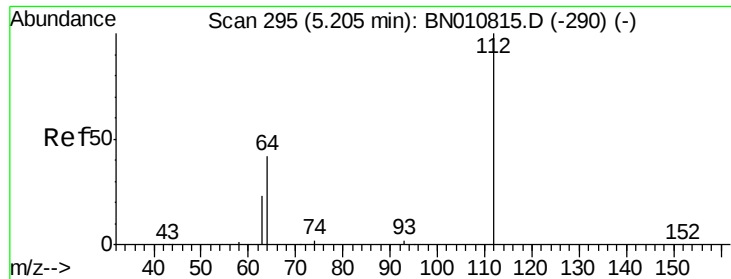
1,4-Dioxane
Concen: 2.405 ng
RT: 3.22 min Scan# 48
Delta R.T. -0.01 min
Lab File: BN010870.D
Acq: 15 Jun 2020 12:15

Tgt Ion: 88 Resp: 6597
Ion Ratio Lower Upper
88 100
58 46.4 38.2 57.4
43 18.1 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





#4

2-Fluorophenol

Concen: 0.012 ng

RT: 5.20 min Scan# 294

Delta R.T. -0.00 min

Lab File: BN010870.D

Acq: 15 Jun 2020 12:15

Instrument :

BNA_N

ClientSampleId :

RE132D5-20200608DL

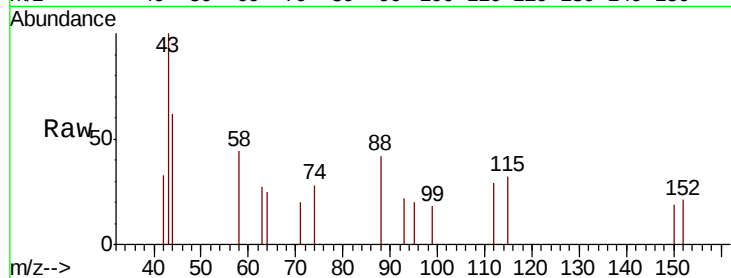
Tot Ion:112 Resp: 67

Ion Ratio Lower Upper

112 100

64 50.7 37.4 56.0

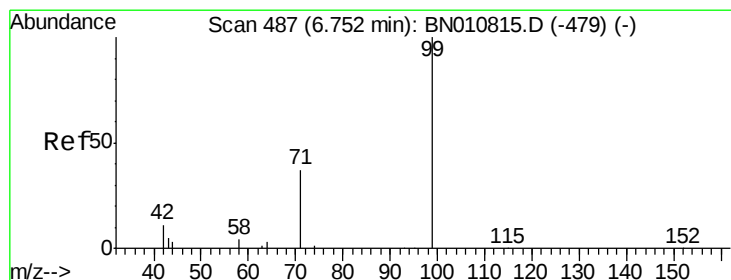
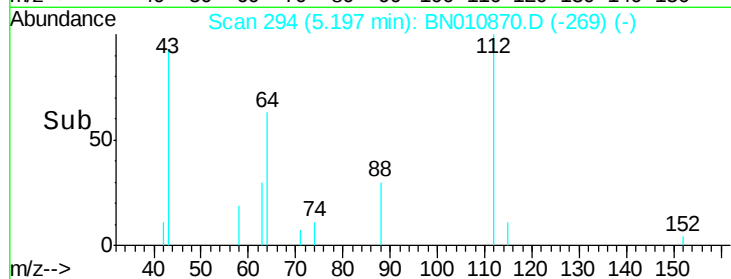
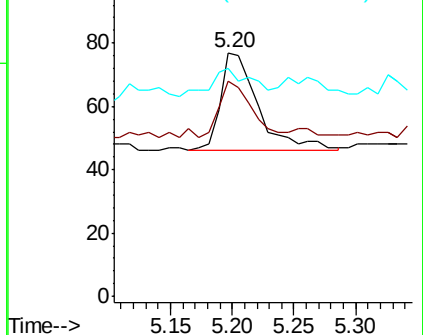
63 32.8 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BN0

Ion 63.00 (62.70 to 63.70): BN0



#5

Phenol-d6

Concen: 0.010 ng

RT: 6.75 min Scan# 487

Delta R.T. 0.01 min

Lab File: BN010870.D

Acq: 15 Jun 2020 12:15

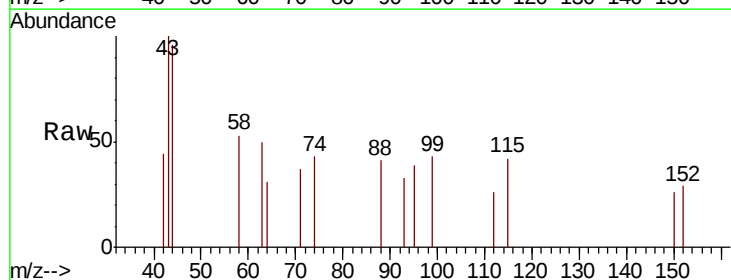
Tgt Ion: 99 Resp: 64

Ion Ratio Lower Upper

99 100

42 0.0 11.1 16.7#

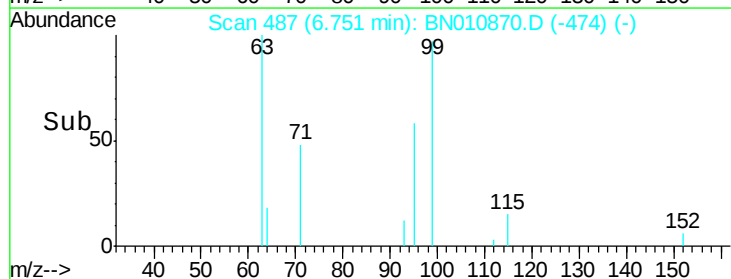
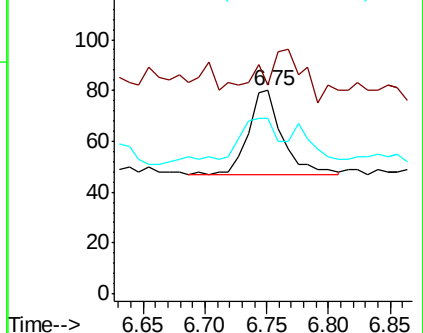
71 53.1 31.4 47.2#

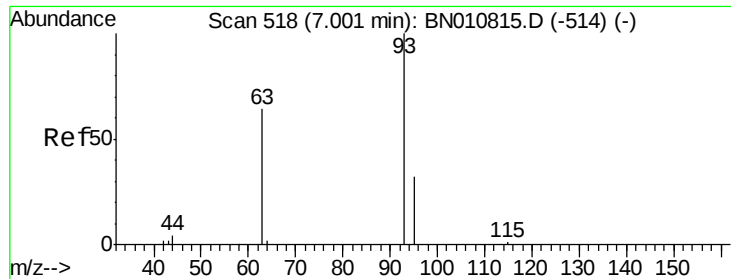


Abundance Ion 99.00 (98.70 to 99.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 71.00 (70.70 to 71.70): BN0





#6

bis(2-Chloroethyl)ether

Concen: 0.029 ng

RT: 6.99 min Scan# 517

Delta R.T. -0.00 min

Lab File: BN010870.D

Acq: 15 Jun 2020 12:15

Instrument :

BNA_N

ClientSampleId :

RE132D5-20200608DL

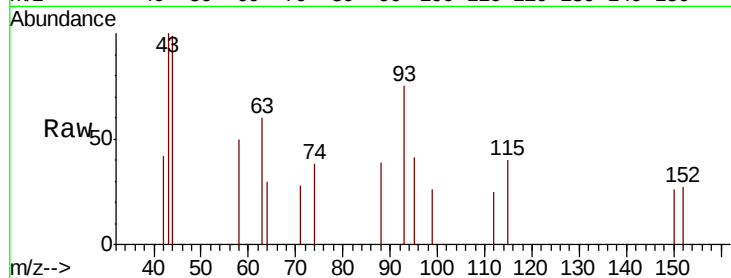
Tot Ion: 93 Resp: 181

Ion Ratio Lower Upper

93 100

63 56.9 49.4 74.2

95 26.0 26.7 40.1#



Abundance Ion 93.00 (92.70 to 93.70): BN010870.D (-492) (-)

Ion 63.00 (62.70 to 63.70): BN010870.D (-492) (-)

Ion 95.00 (94.70 to 95.70): BN010870.D (-492) (-)

6.99

150

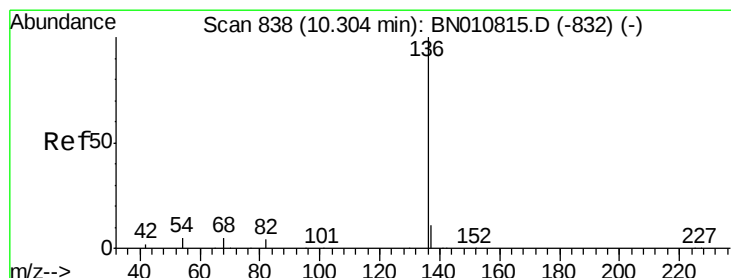
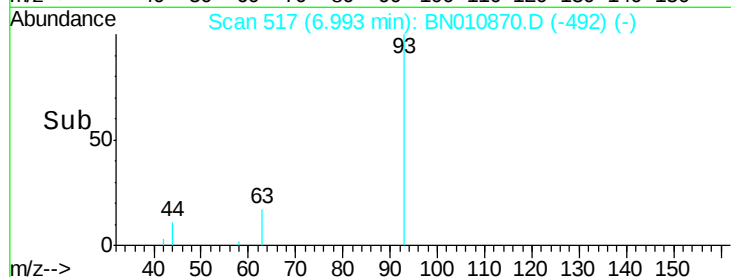
100

50

0

6.90 7.00 7.10

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.30 min Scan# 838

Delta R.T. -0.00 min

Lab File: BN010870.D

Acq: 15 Jun 2020 12:15

Tgt Ion: 136 Resp: 10026

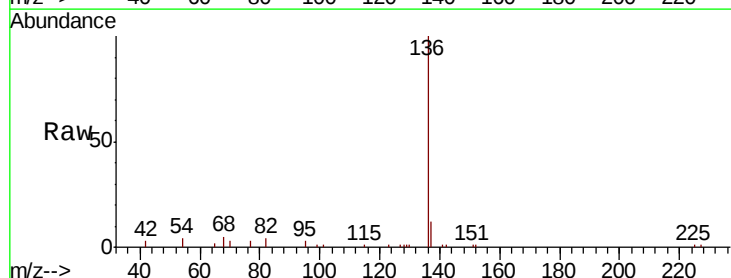
Ion Ratio Lower Upper

136 100

137 12.1 9.7 14.5

54 4.2 4.9 7.3#

68 5.0 4.7 7.1



Abundance Ion 136.00 (135.70 to 136.70): BN010870.D (-822) (-)

Ion 137.00 (136.70 to 137.70): BN010870.D (-822) (-)

Ion 54.00 (53.70 to 54.70): BN010870.D (-822) (-)

Ion 68.00 (67.70 to 68.70): BN010870.D (-822) (-)

10.30

8000

6000

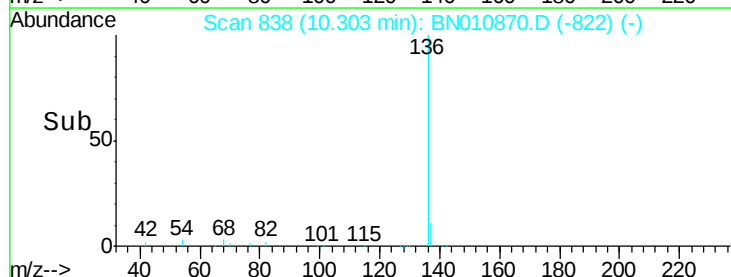
4000

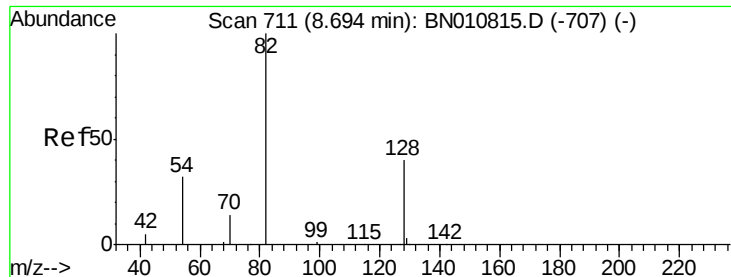
2000

0

10.20 10.40

Time-->





#8

Nitrobenzene-d5

Concen: 0.162 ng

RT: 8.69 min Scan# 711

Delta R.T. 0.01 min

Lab File: BN010870.D

Acq: 15 Jun 2020 12:15

Instrument :

BNA_N

ClientSampleId :

RE132D5-20200608DL

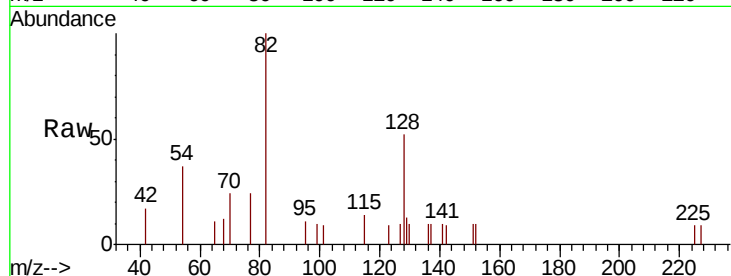
Tot Ion: 82 Resp: 1203

Ion Ratio Lower Upper

82 100

128 51.7 35.4 53.0

54 37.1 28.2 42.4

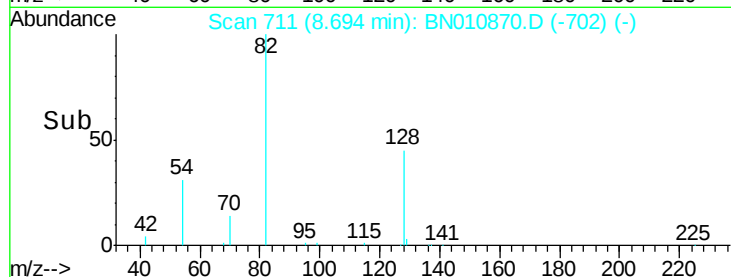


Abundance Ion 82.00 (81.70 to 82.70): BN010815.D (-707) (-)

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

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

Time-->

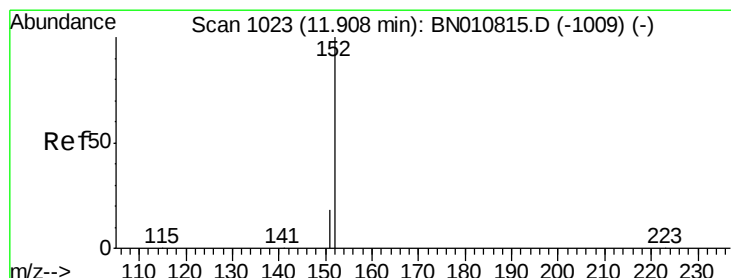


Abundance Ion 82.00 (81.70 to 82.70): BN010870.D (-702) (-)

Ion 128.00 (127.70 to 128.70): BN010870.D (-702) (-)

Ion 54.00 (53.70 to 54.70): BN010870.D (-702) (-)

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.150 ng

RT: 11.89 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BN010870.D

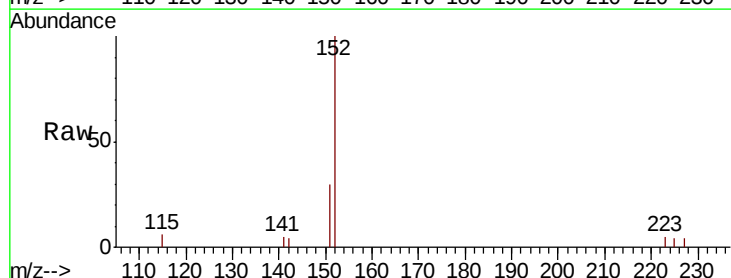
Acq: 15 Jun 2020 12:15

Tgt Ion: 152 Resp: 2328

Ion Ratio Lower Upper

152 100

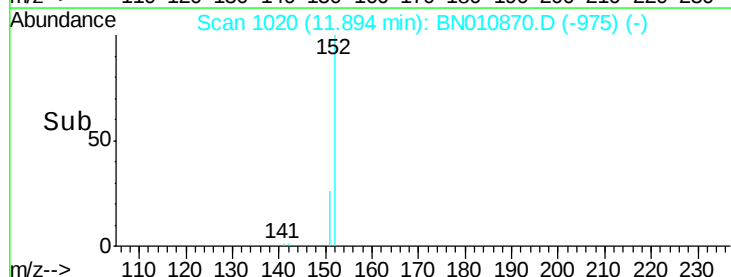
151 26.7 15.3 22.9#



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

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

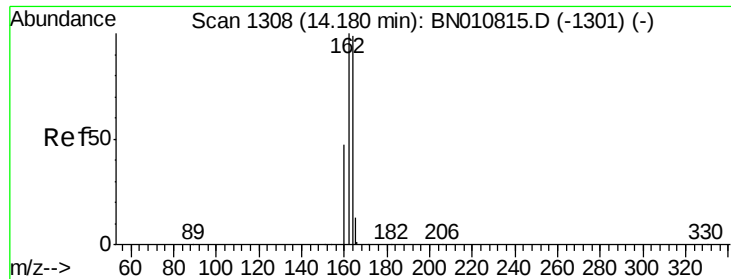
Time-->



Abundance Ion 152.00 (151.70 to 152.70): BN010870.D (-975) (-)

Ion 151.00 (150.70 to 151.70): BN010870.D (-975) (-)

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.17 min Scan# 1307

Delta R.T. -0.00 min

Lab File: BN010870.D

Acq: 15 Jun 2020 12:15

Instrument :

BNA_N

ClientSampleId :

RE132D5-20200608DL

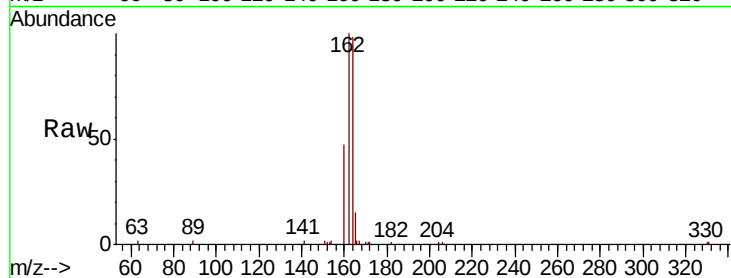
Tot Ion:164 Resp: 5687

Ion Ratio Lower Upper

164 100

162 101.9 81.0 121.6

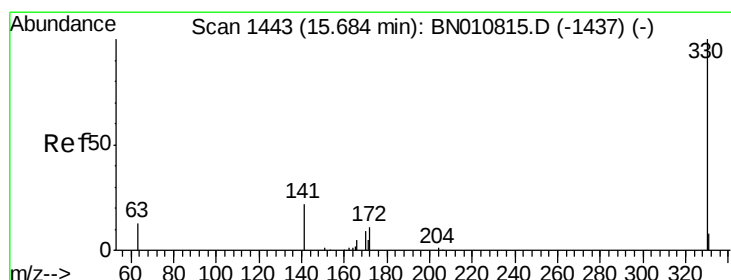
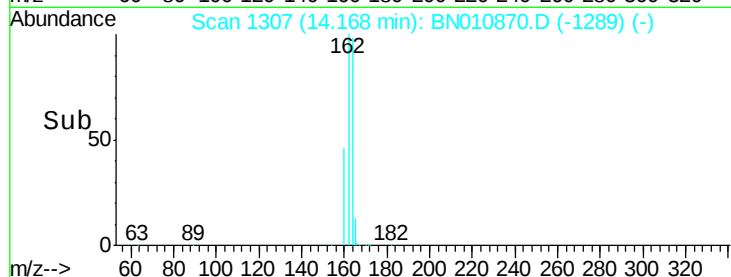
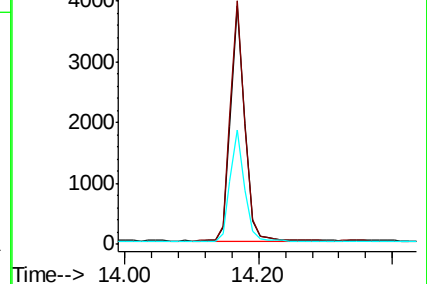
160 47.9 38.9 58.3



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: 0.108 ng

RT: 15.67 min Scan# 1442

Delta R.T. -0.00 min

Lab File: BN010870.D

Acq: 15 Jun 2020 12:15

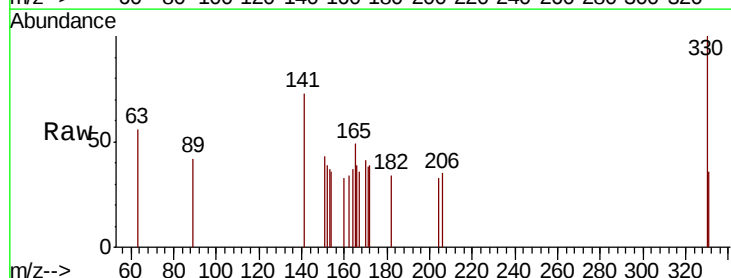
Tgt Ion:330 Resp: 219

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

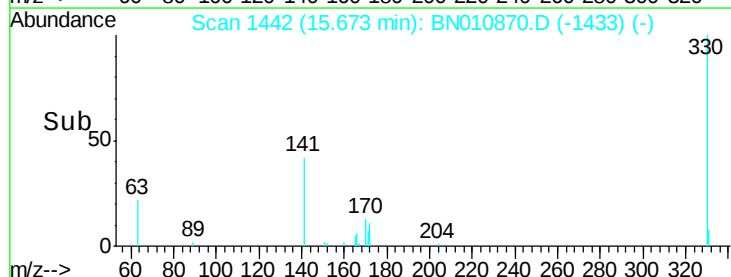
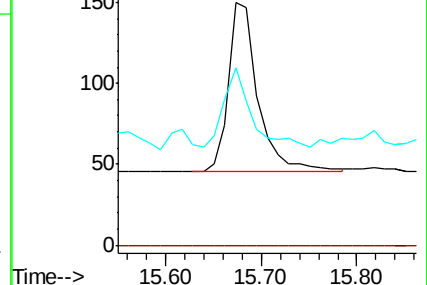
141 44.3 33.2 49.8

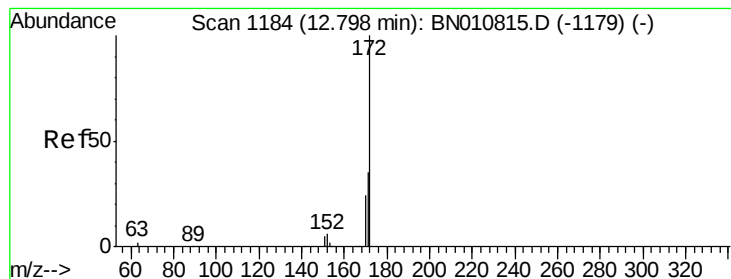


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.164 ng

RT: 12.79 min Scan# 1183

Delta R.T. -0.00 min

Lab File: BN010870.D

Acq: 15 Jun 2020 12:15

Instrument :

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RE132D5-20200608DL

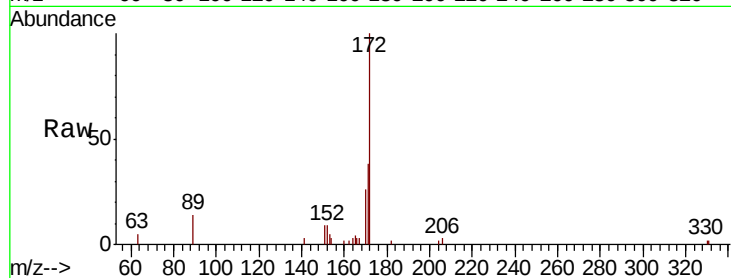
Tot Ion:172 Resp: 3688

Ion Ratio Lower Upper

172 100

171 37.9 28.5 42.7

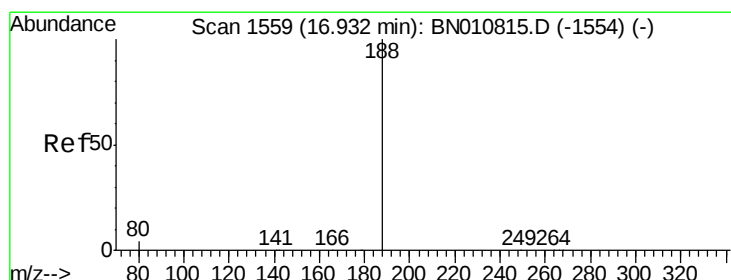
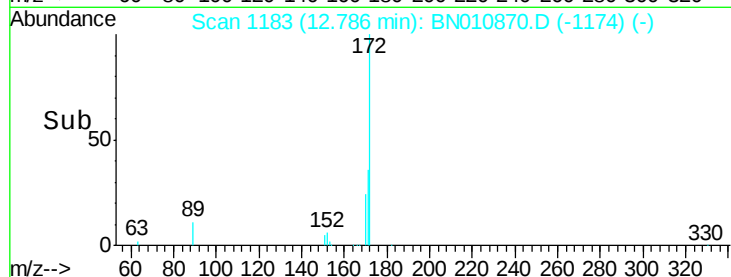
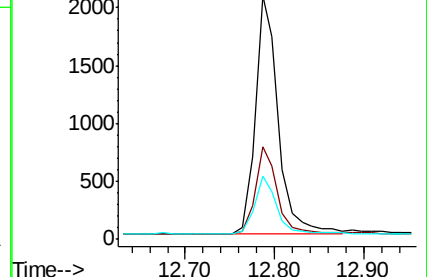
170 25.9 19.7 29.5



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



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.92 min Scan# 1558

Delta R.T. -0.00 min

Lab File: BN010870.D

Acq: 15 Jun 2020 12:15

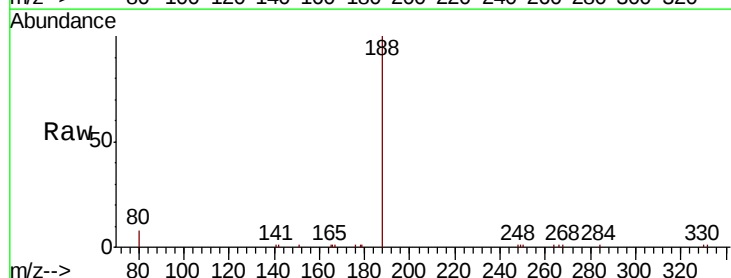
Tgt Ion:188 Resp: 11618

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

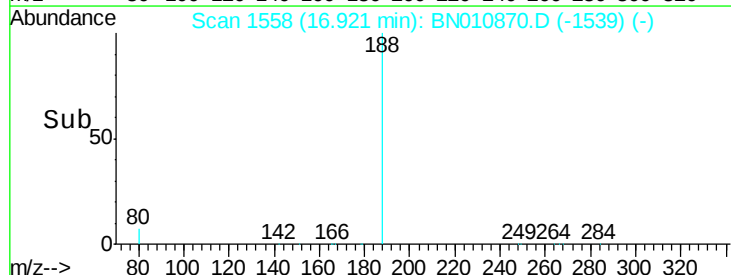
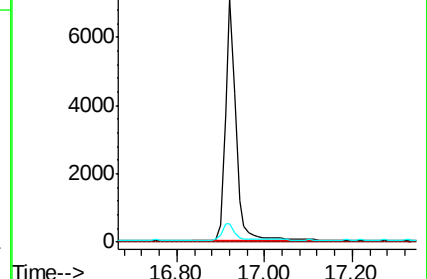
80 7.8 4.5 6.7#

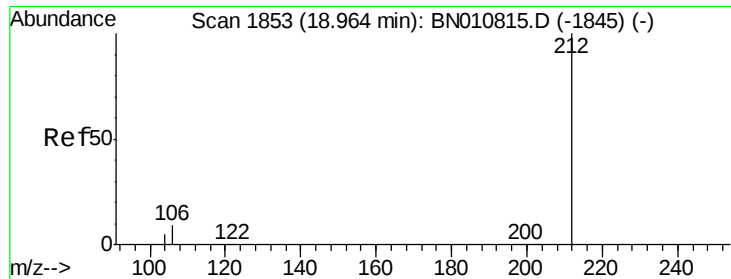


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#25

Fluoranthene-d10

Concen: 0.162 ng

RT: 18.96 min Scan# 1852

Delta R.T. -0.00 min

Lab File: BN010870.D

Acq: 15 Jun 2020 12:15

Instrument :

BNA_N

ClientSampleId :

RE132D5-20200608DL

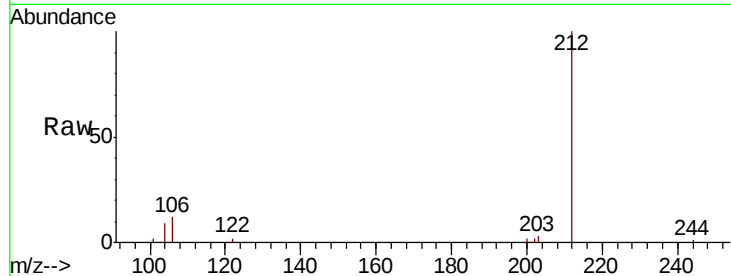
Tot Ion:212 Resp: 5201

Ion Ratio Lower Upper

212 100

106 9.9 6.6 10.0

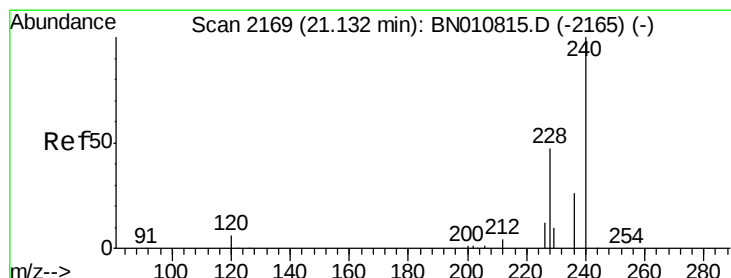
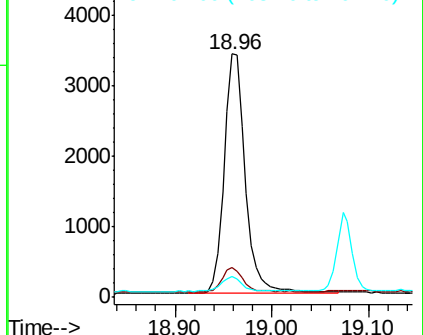
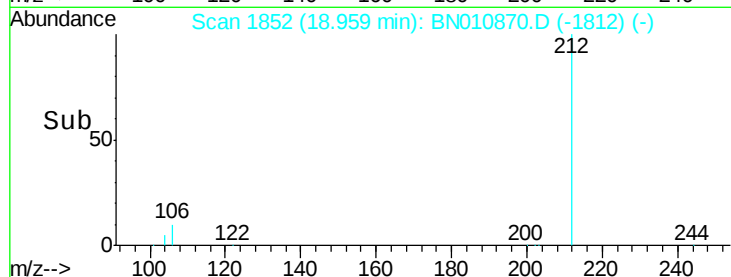
104 5.6 4.0 6.0



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: 21.13 min Scan# 2169

Delta R.T. -0.00 min

Lab File: BN010870.D

Acq: 15 Jun 2020 12:15

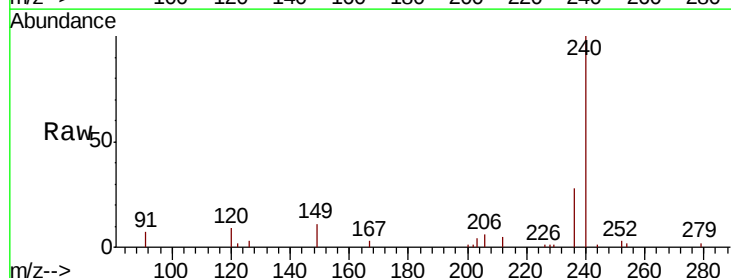
Tgt Ion:240 Resp: 11391

Ion Ratio Lower Upper

240 100

120 8.6 7.5 11.3

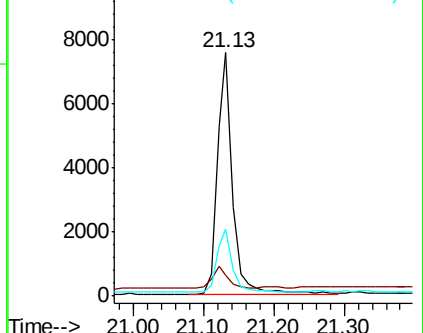
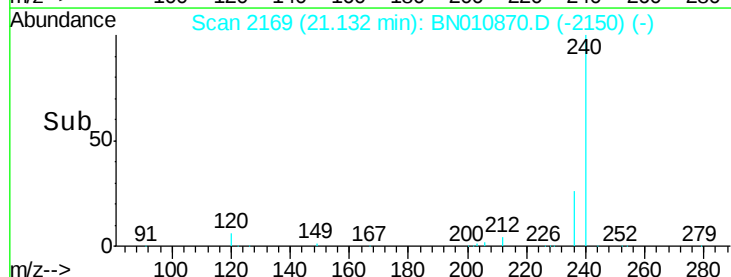
236 27.6 22.3 33.5

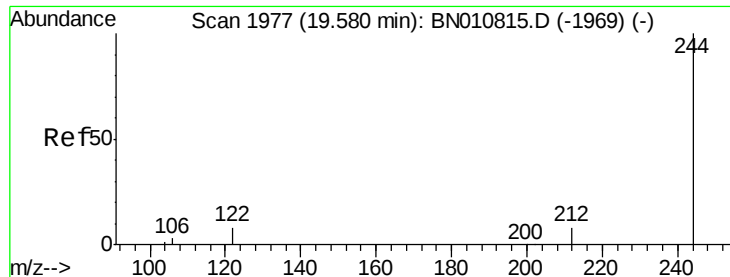


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.252 ng

RT: 19.57 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BN010870.D

Acq: 15 Jun 2020 12:15

Instrument :

BNA_N

ClientSampleId :

RE132D5-20200608DL

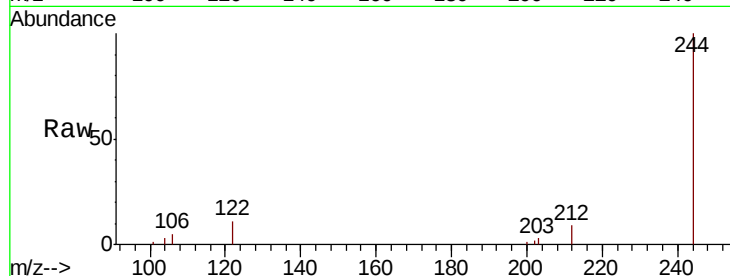
Tot Ion:244 Resp: 6721

Ion Ratio Lower Upper

244 100

212 8.8 7.4 11.2

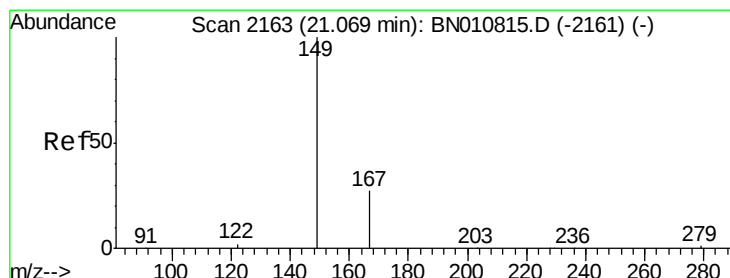
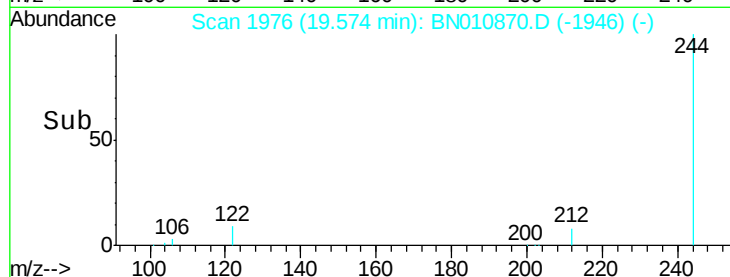
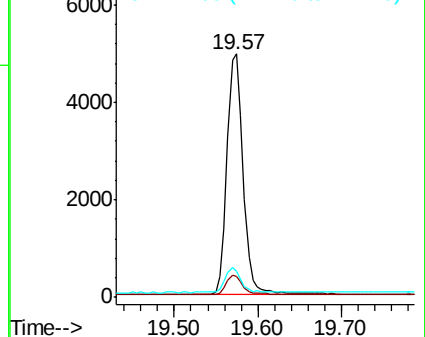
122 10.6 7.5 11.3



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: 0.371 ng

RT: 21.07 min Scan# 2163

Delta R.T. -0.00 min

Lab File: BN010870.D

Acq: 15 Jun 2020 12:15

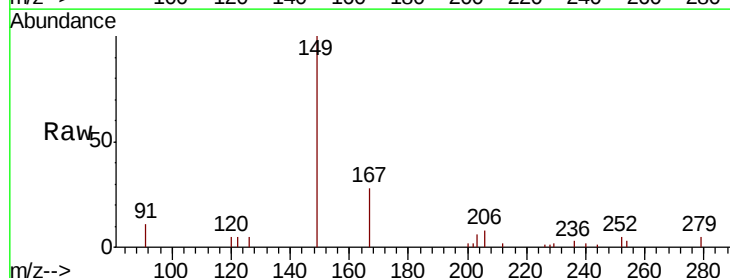
Tgt Ion:149 Resp: 4139

Ion Ratio Lower Upper

149 100

167 27.4 24.1 36.1

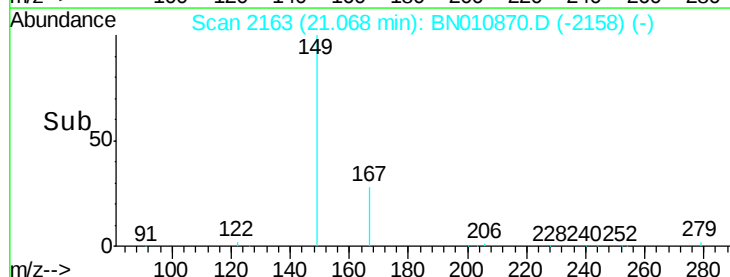
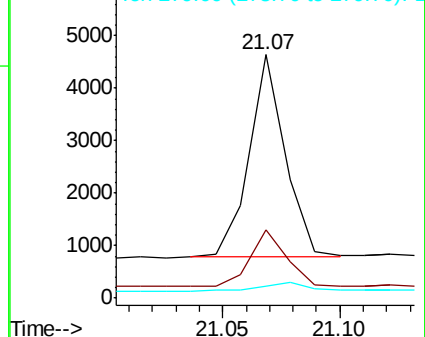
279 4.9 4.6 7.0

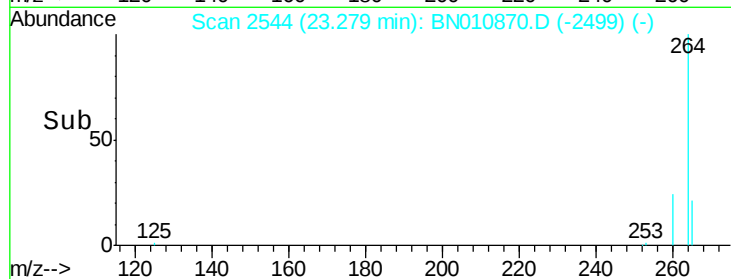
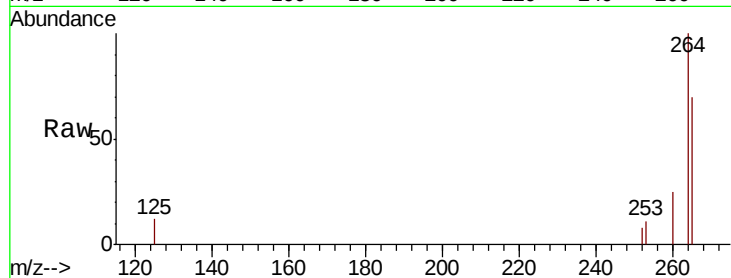


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.28 min Scan# 2544

Delta R.T. 0.00 min

Lab File: BN010870.D

Acq: 15 Jun 2020 12:15

Instrument :

BNA_N

ClientSampleId :

RE132D5-20200608DL

Tot Ion: 264 Resp: 12550

Ion Ratio Lower Upper

264 100

260 24.6 20.4 30.6

265 70.1 75.0 112.4#

