

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061520\
 Data File : BN010872.D
 Acq On : 15 Jun 2020 13:27
 Operator : CG/JU
 Sample : L2988-20DL 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE131D1-20200609DL

Quant Time: Jun 15 13:59:44 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

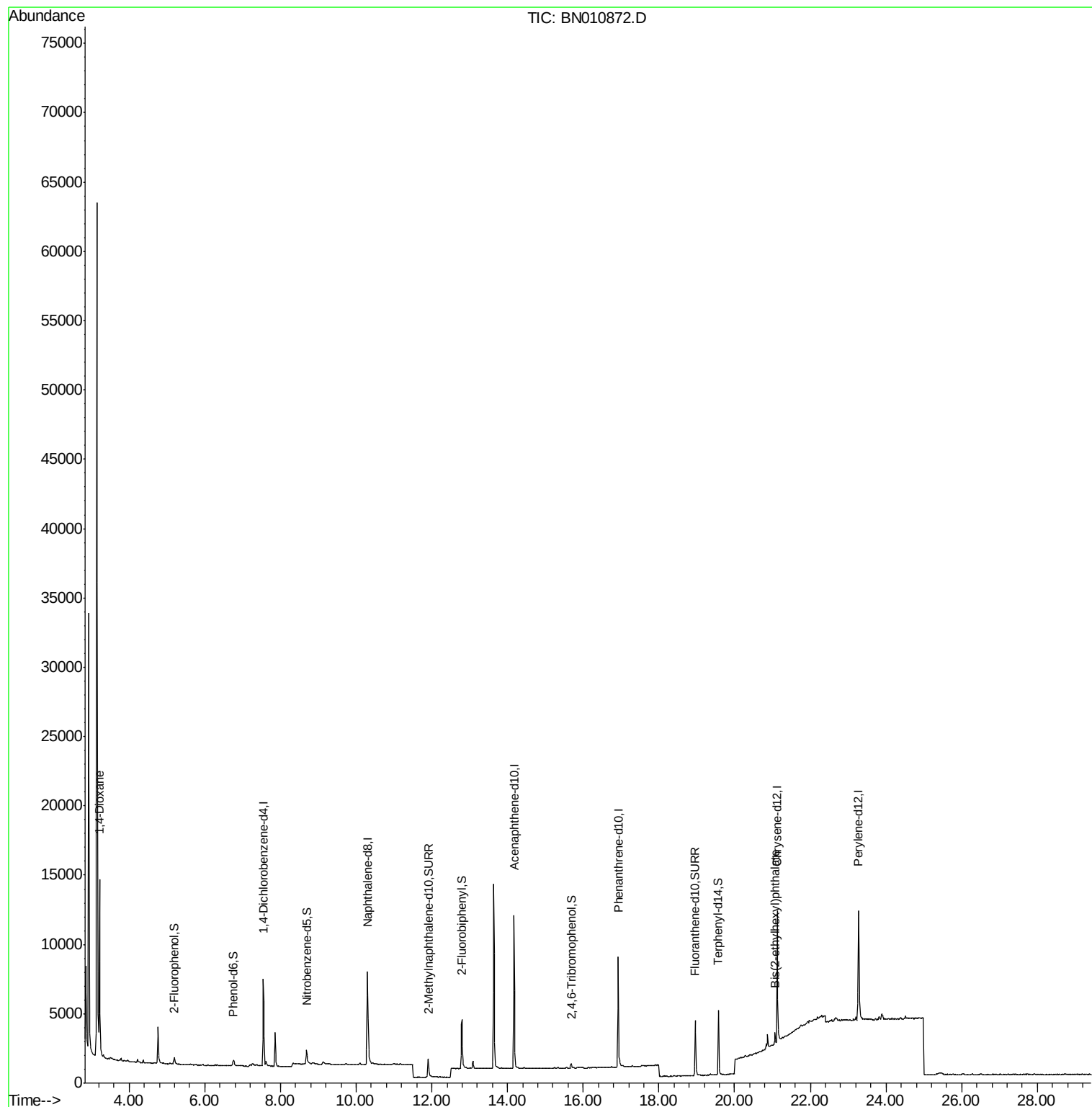
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	3260	0.40	ng	0.00
7) Naphthalene-d8	10.30	136	11305	0.40	ng	0.00
13) Acenaphthene-d10	14.17	164	6298	0.40	ng	0.00
19) Phenanthrene-d10	16.92	188	12658	0.40	ng	0.00
27) Chrysene-d12	21.13	240	10923	0.40	ng	0.00
34) Perylene-d12	23.28	264	11210	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	474	0.08	ng	0.00
5) Phenol-d6	6.75	99	314	0.04	ng	0.00
8) Nitrobenzene-d5	8.69	82	1390	0.17	ng	0.01
11) 2-Methylnaphthalene-d10	11.90	152	2492	0.14	ng	0.00
14) 2,4,6-Tribromophenol	15.68	330	310	0.14	ng	0.01
15) 2-Fluorobiphenyl	12.80	172	4170	0.17	ng	0.01
25) Fluoranthene-d10	18.96	212	5609	0.16	ng	0.00
29) Terphenyl-d14	19.57	244	5332	0.21	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.22	88	10480	3.282	ng	97
32) Bis(2-ethylhexyl)phthalate	21.07	149	718	0.067	ng	# 93

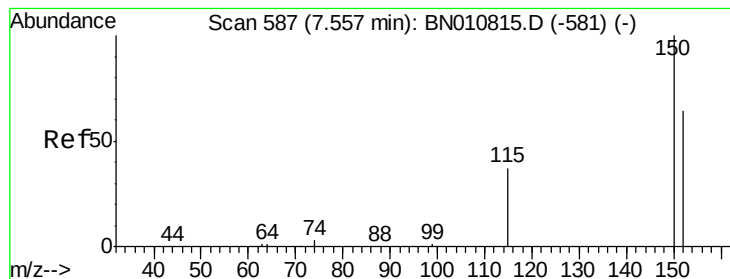
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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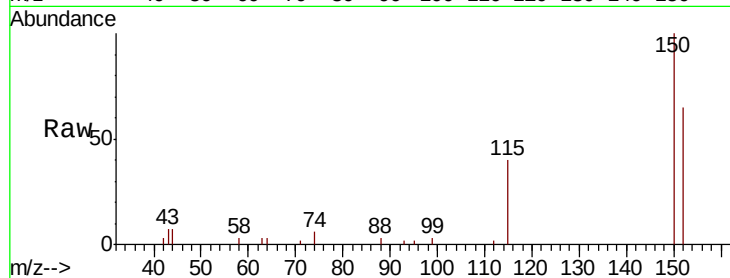


#1

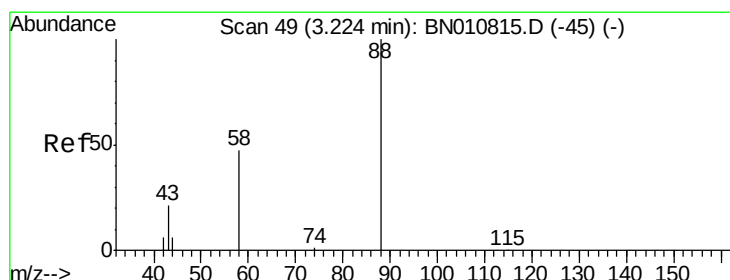
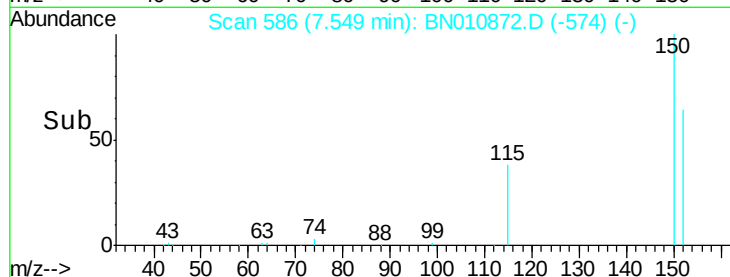
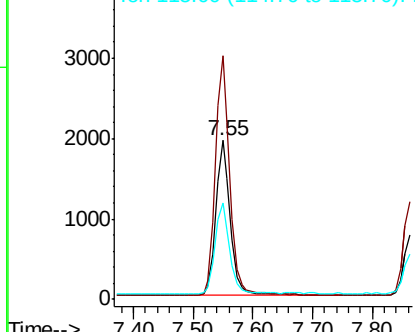
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.55 min Scan# 586
Delta R.T. -0.00 min
Lab File: BN010872.D
Acq: 15 Jun 2020 13:27

Instrument :
BNA_N
ClientSampleId :
RE131D1-20200609DL

Tot Ion:152 Resp: 3260
Ion Ratio Lower Upper
152 100
150 153.4 123.8 185.6
115 60.8 49.2 73.8



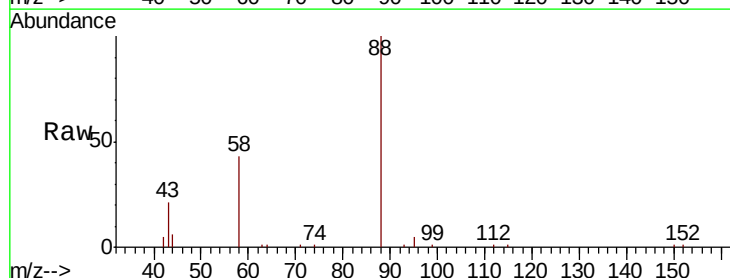
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



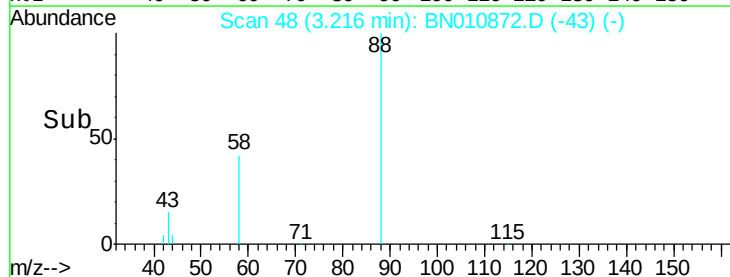
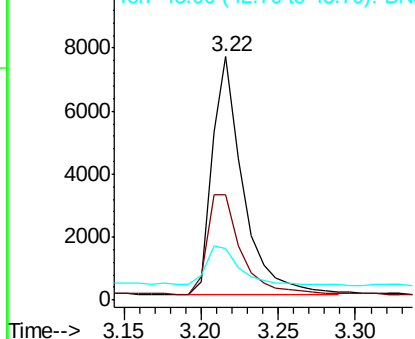
#2

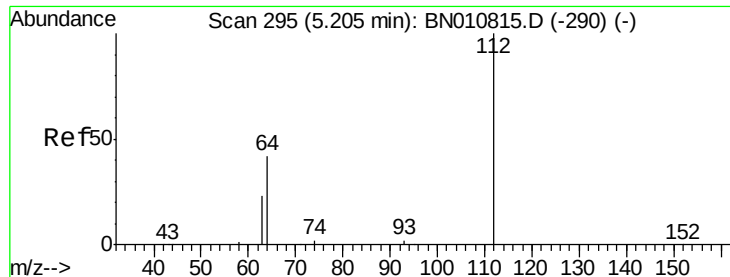
1,4-Dioxane
Concen: 3.282 ng
RT: 3.22 min Scan# 48
Delta R.T. -0.01 min
Lab File: BN010872.D
Acq: 15 Jun 2020 13:27

Tgt Ion: 88 Resp: 10480
Ion Ratio Lower Upper
88 100
58 46.1 38.2 57.4
43 17.5 15.1 22.7



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: 0.075 ng

RT: 5.20 min Scan# 294

Delta R.T. -0.00 min

Lab File: BN010872.D

Acq: 15 Jun 2020 13:27

Instrument :

BNA_N

ClientSampleId :

RE131D1-20200609DL

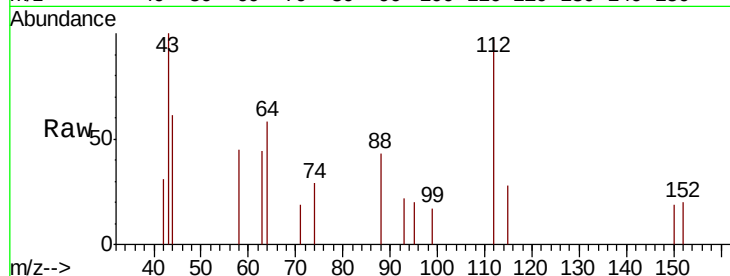
Tot Ion: 112 Resp: 474

Ion Ratio Lower Upper

112 100

64 44.1 37.4 56.0

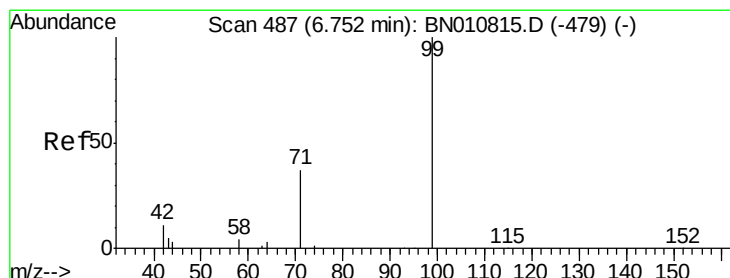
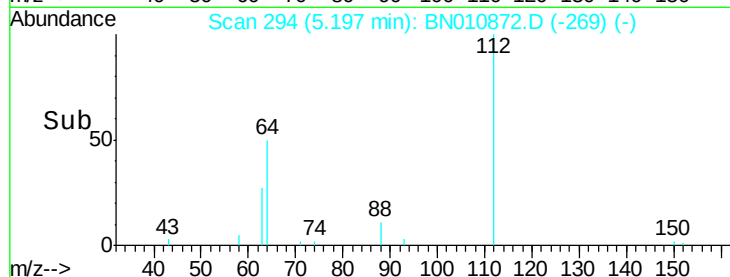
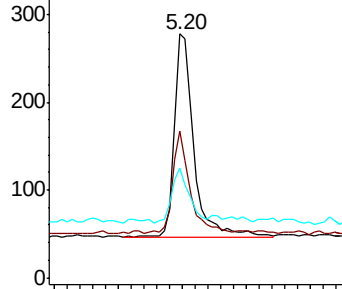
63 24.5 22.2 33.4



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



#5

Phenol-d6

Concen: 0.042 ng

RT: 6.75 min Scan# 487

Delta R.T. 0.01 min

Lab File: BN010872.D

Acq: 15 Jun 2020 13:27

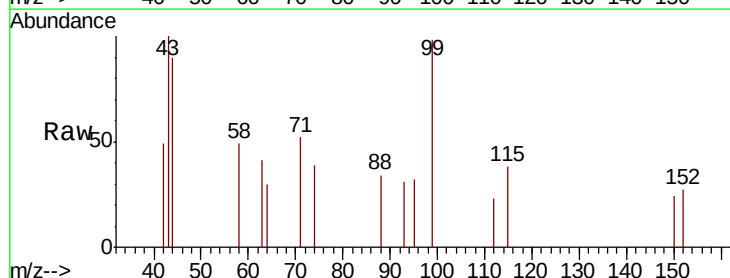
Tgt Ion: 99 Resp: 314

Ion Ratio Lower Upper

99 100

42 22.9 11.1 16.7#

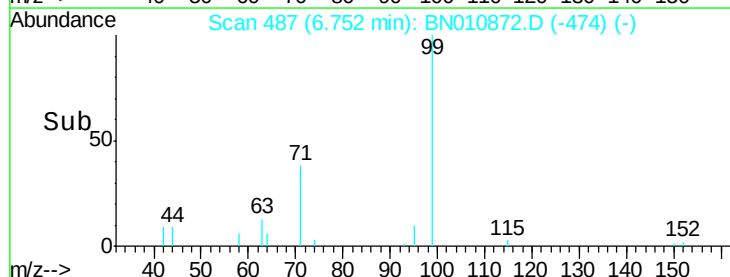
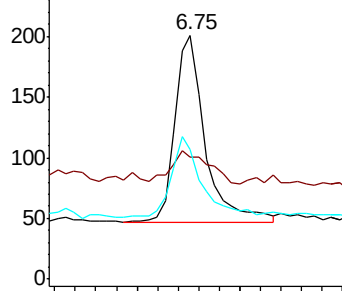
71 43.9 31.4 47.2

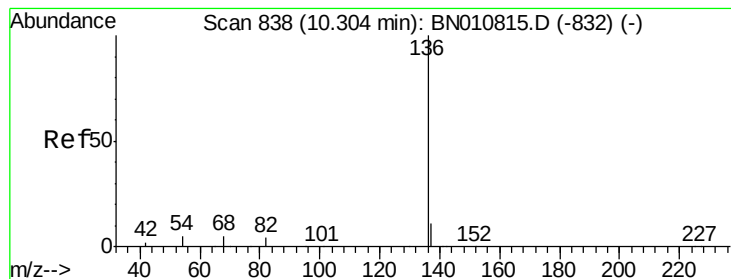


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.30 min Scan# 838

Delta R.T. -0.00 min

Lab File: BN010872.D

Acq: 15 Jun 2020 13:27

Instrument :

BNA_N

ClientSampleId :

RE131D1-20200609DL

Tot Ion:136 Resp: 11305

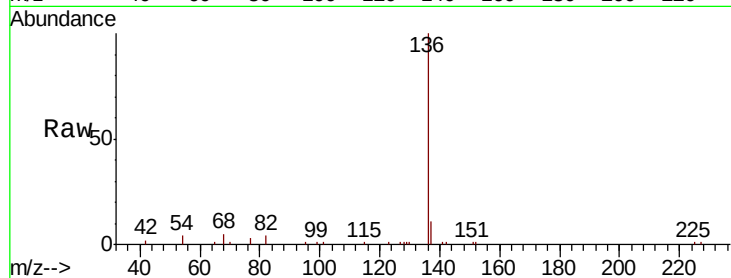
Ion Ratio Lower Upper

136 100

137 11.5 9.7 14.5

54 4.1 4.9 7.3#

68 4.5 4.7 7.1#

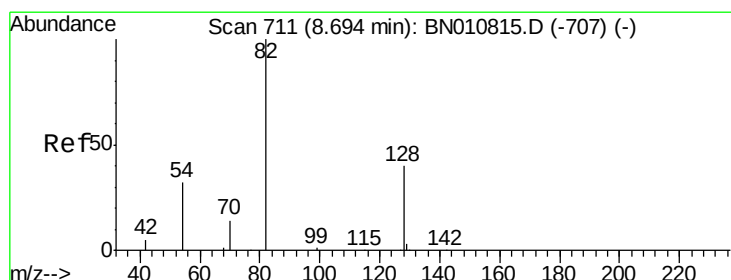
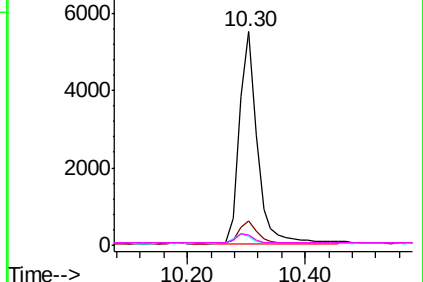
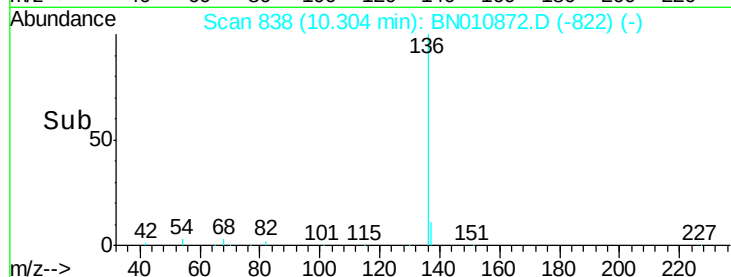


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.166 ng

RT: 8.69 min Scan# 711

Delta R.T. 0.01 min

Lab File: BN010872.D

Acq: 15 Jun 2020 13:27

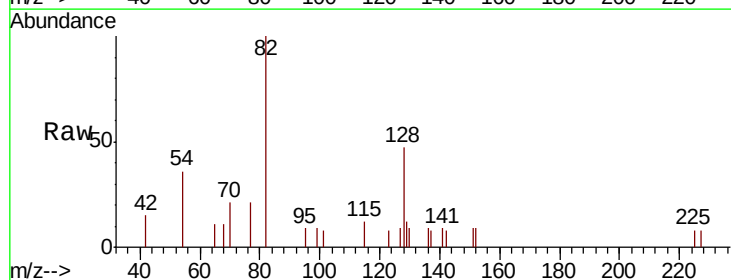
Tgt Ion: 82 Resp: 1390

Ion Ratio Lower Upper

82 100

128 46.6 35.4 53.0

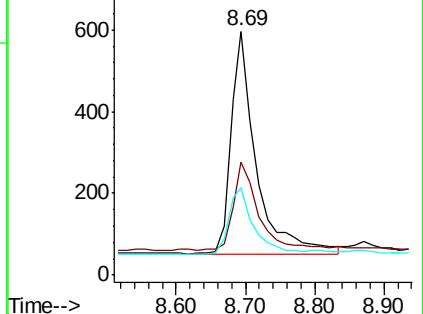
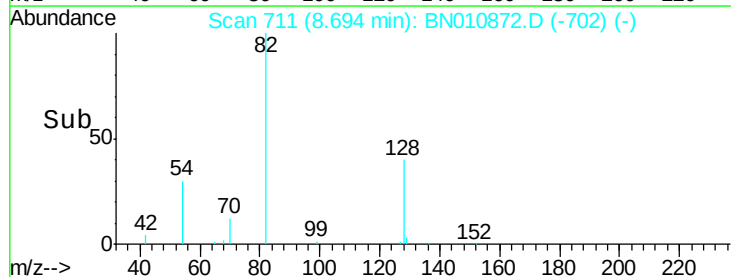
54 35.9 28.2 42.4

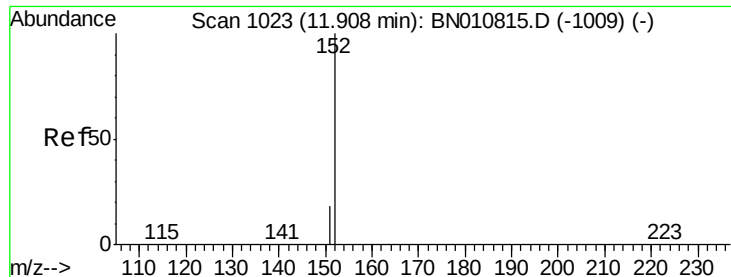


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

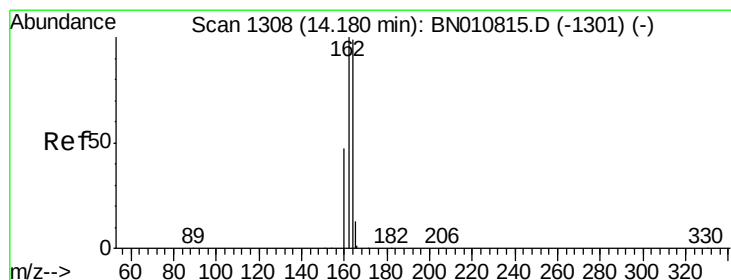
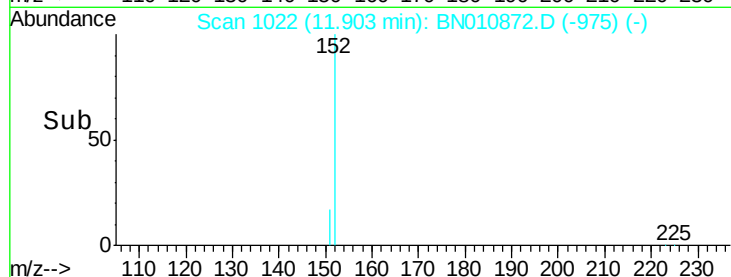
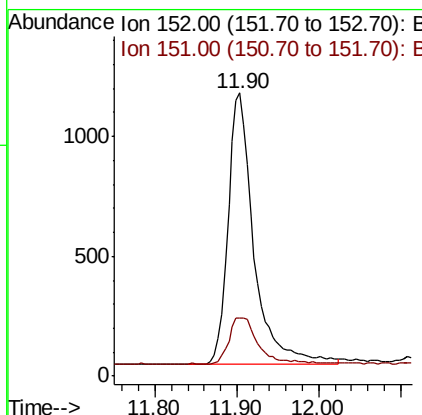
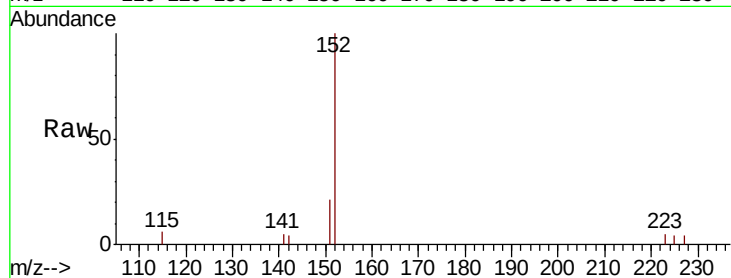




#11
2-Methylnaphthalene-d10
Concen: 0.142 ng
RT: 11.90 min Scan# 1022
Delta R.T. 0.01 min
Lab File: BN010872.D
Acq: 15 Jun 2020 13:27

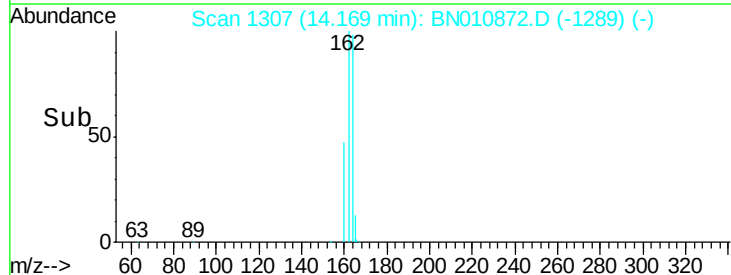
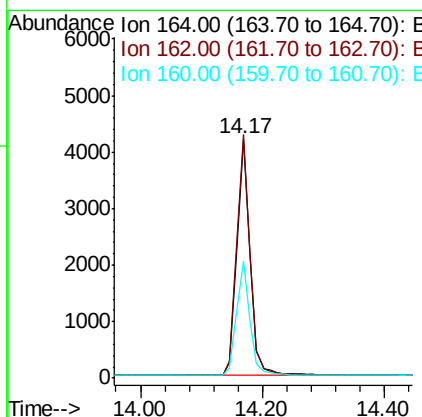
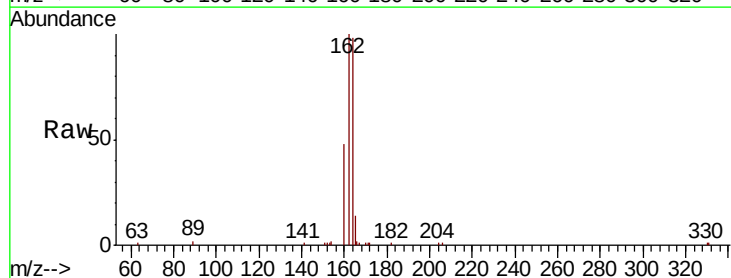
Instrument :
BNA_N
ClientSampleId :
RE131D1-20200609DL

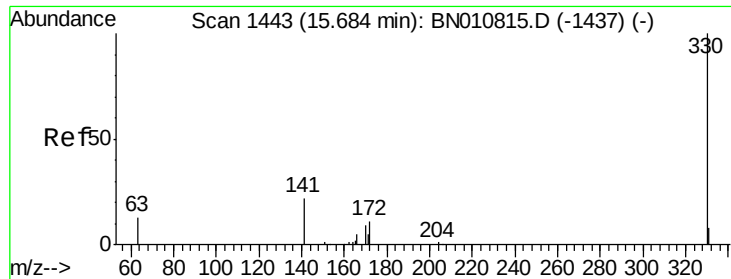
Tot Ion:152 Resp: 2492
Ion Ratio Lower Upper
152 100
151 18.1 15.3 22.9



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.17 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BN010872.D
Acq: 15 Jun 2020 13:27

Tgt Ion:164 Resp: 6298
Ion Ratio Lower Upper
164 100
162 101.9 81.0 121.6
160 48.8 38.9 58.3





#14

2,4,6-Tribromophenol

Concen: 0.138 ng

RT: 15.68 min Scan# 1443

Delta R.T. 0.01 min

Lab File: BN010872.D

Acq: 15 Jun 2020 13:27

Instrument :

BNA_N

ClientSampleId :

RE131D1-20200609DL

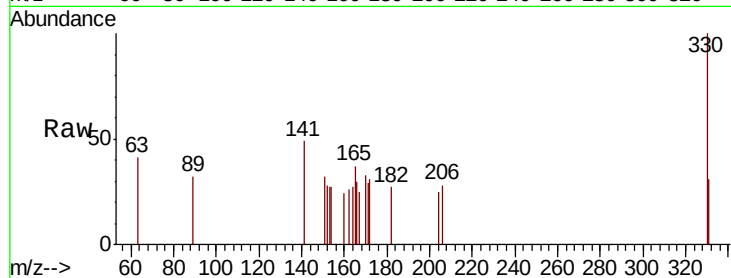
Tot Ion:330 Resp: 310

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

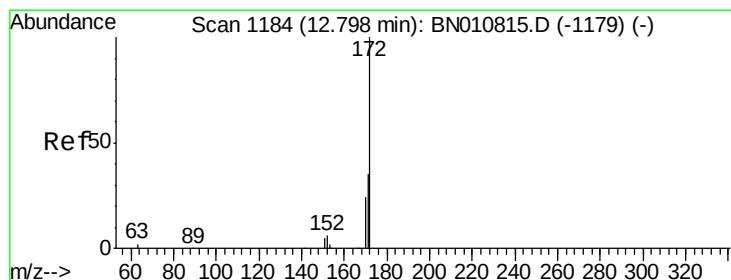
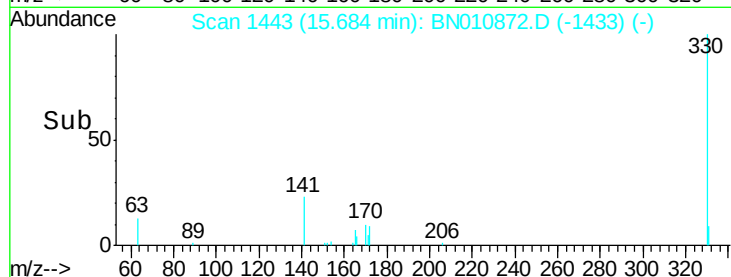
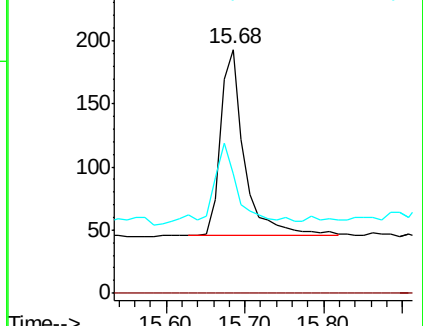
141 44.5 33.2 49.8



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: 0.168 ng

RT: 12.80 min Scan# 1184

Delta R.T. 0.01 min

Lab File: BN010872.D

Acq: 15 Jun 2020 13:27

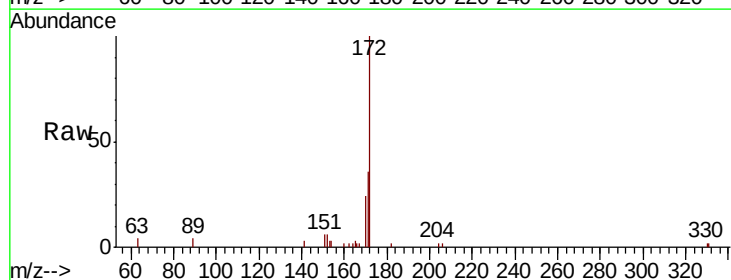
Tgt Ion:172 Resp: 4170

Ion Ratio Lower Upper

172 100

171 36.0 28.5 42.7

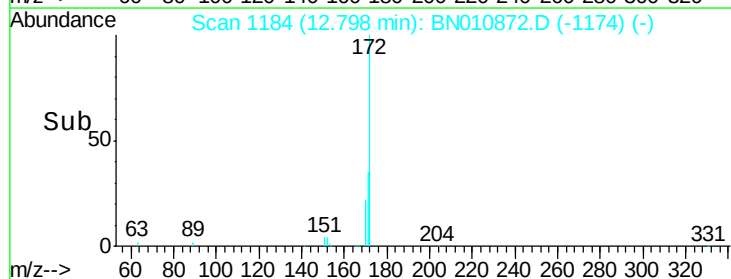
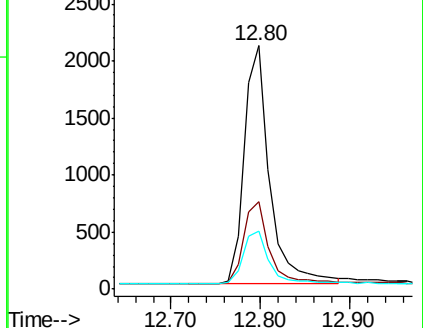
170 23.6 19.7 29.5

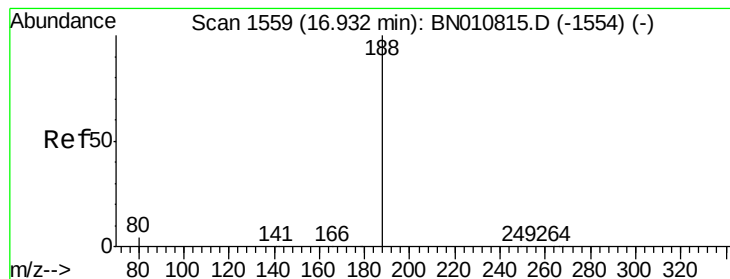


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.92 min Scan# 1558

Delta R.T. -0.00 min

Lab File: BN010872.D

Acq: 15 Jun 2020 13:27

Instrument :

BNA_N

ClientSampleId :

RE131D1-20200609DL

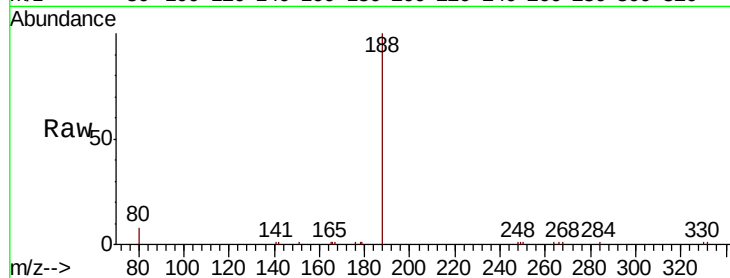
Tot Ion:188 Resp: 12658

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

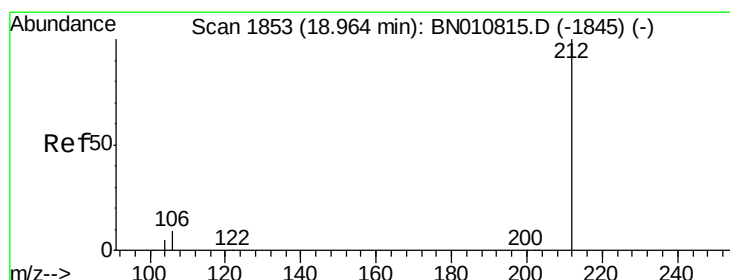
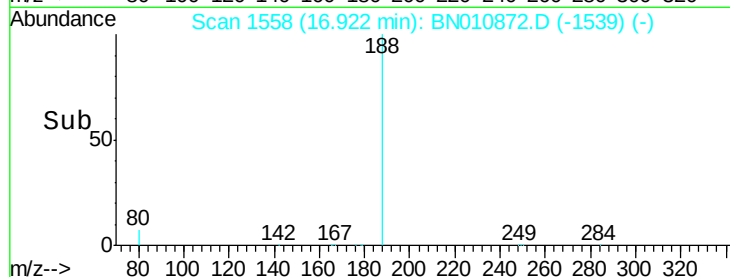
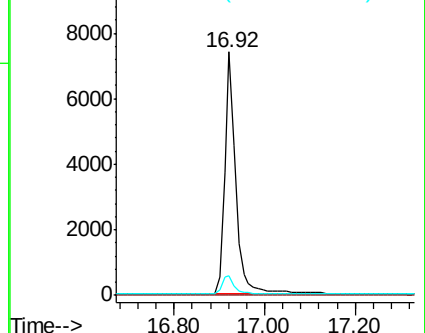
80 8.2 4.5 6.7#



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: 0.161 ng

RT: 18.96 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BN010872.D

Acq: 15 Jun 2020 13:27

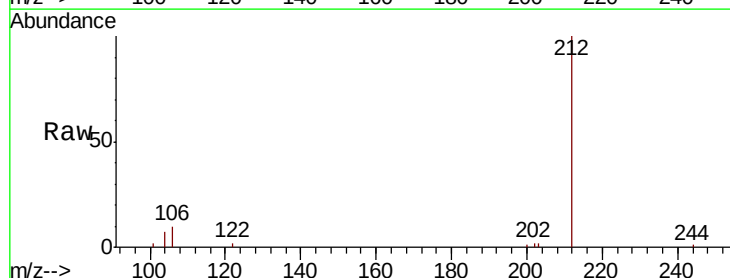
Tgt Ion:212 Resp: 5609

Ion Ratio Lower Upper

212 100

106 9.6 6.6 10.0

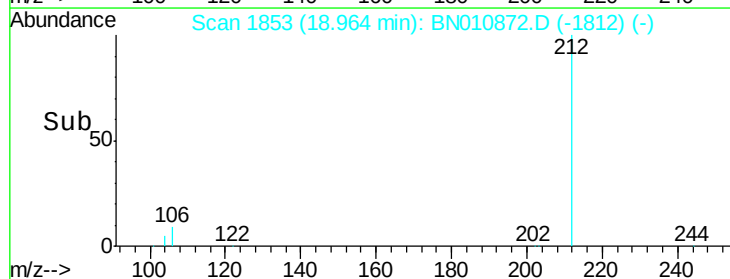
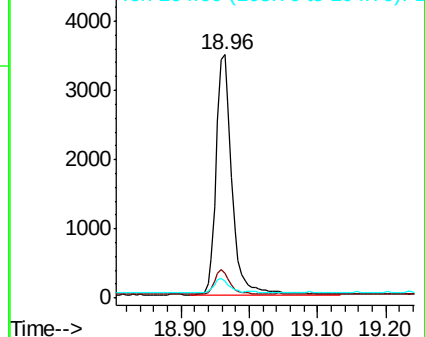
104 5.6 4.0 6.0

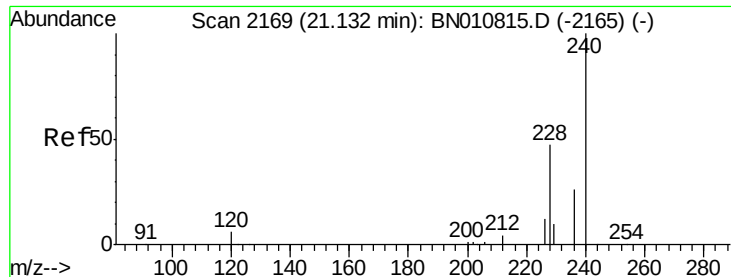


Abundance Ion 212.00 (211.70 to 212.70): E

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: BN010872.D

Acq: 15 Jun 2020 13:27

Instrument :

BNA_N

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RE131D1-20200609DL

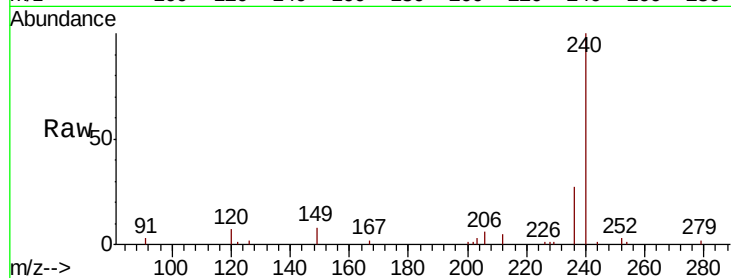
Tot Ion:240 Resp: 10923

Ion Ratio Lower Upper

240 100

120 7.2 7.5 11.3#

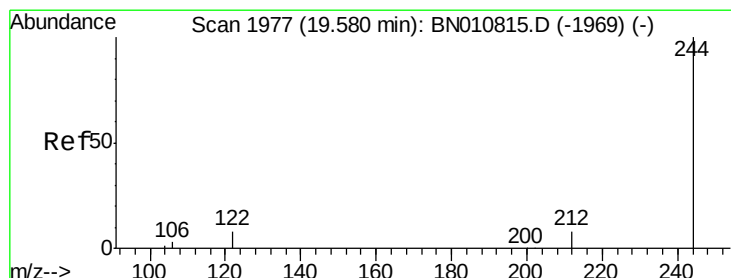
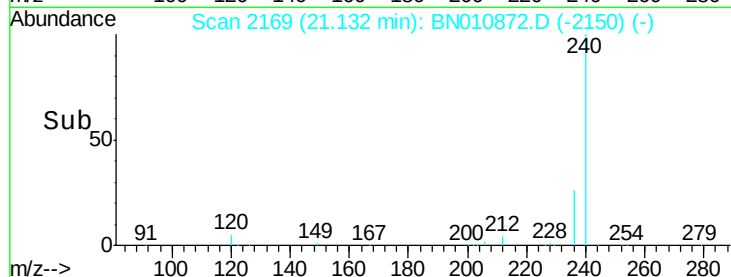
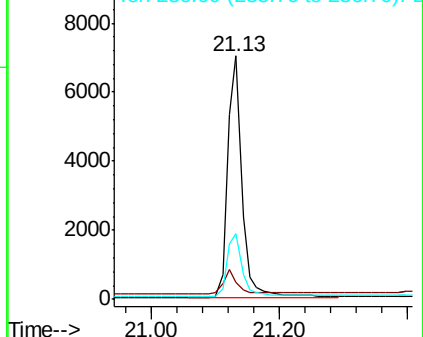
236 27.2 22.3 33.5



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: 0.209 ng

RT: 19.57 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BN010872.D

Acq: 15 Jun 2020 13:27

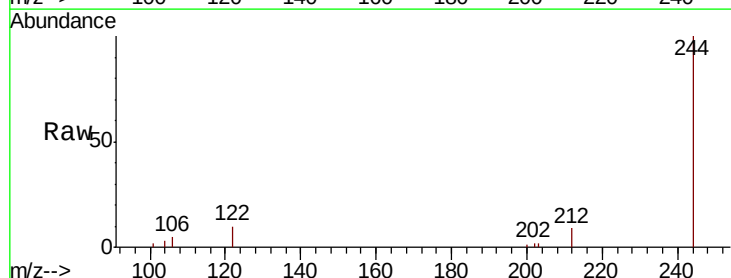
Tgt Ion:244 Resp: 5332

Ion Ratio Lower Upper

244 100

212 8.8 7.4 11.2

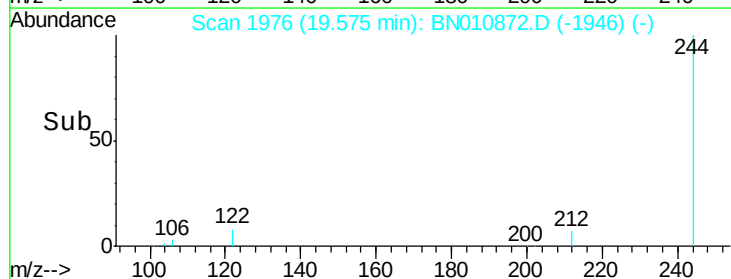
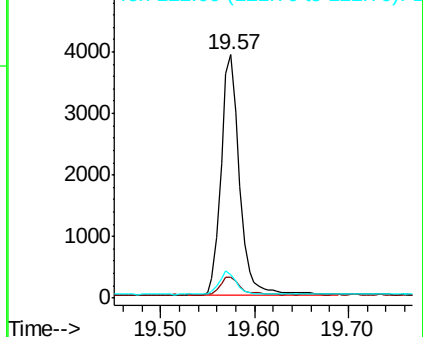
122 9.7 7.5 11.3

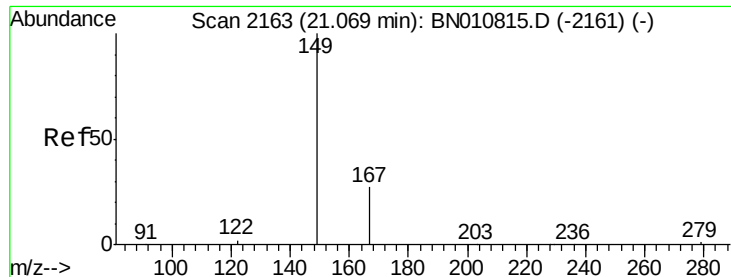


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

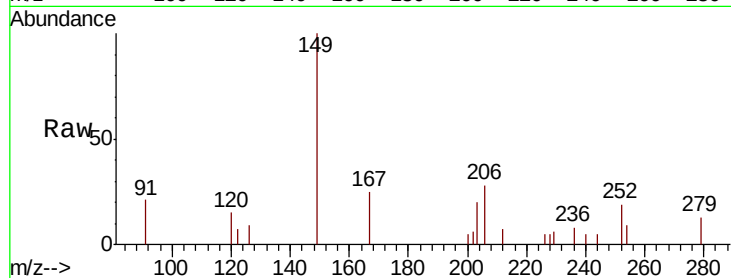




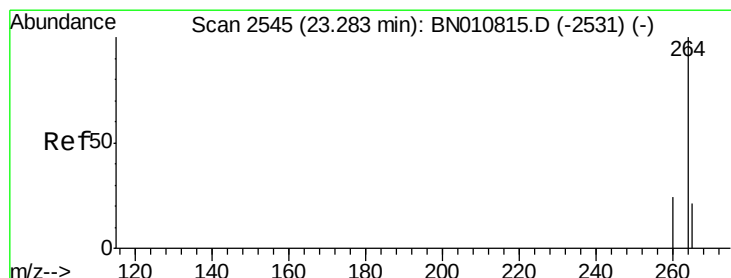
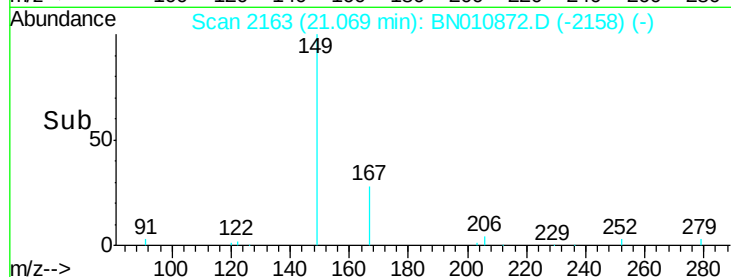
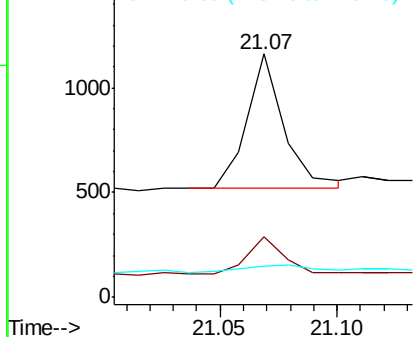
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.067 ng
 RT: 21.07 min Scan# 2163
 Delta R.T. -0.00 min
 Lab File: BN010872.D
 Acq: 15 Jun 2020 13:27

Instrument :
 BNA_N
 ClientSampleId :
 RE131D1-20200609DL

Tot Ion:149 Resp: 718
 Ion Ratio Lower Upper
 149 100
 167 26.7 24.1 36.1
 279 9.5 4.6 7.0#

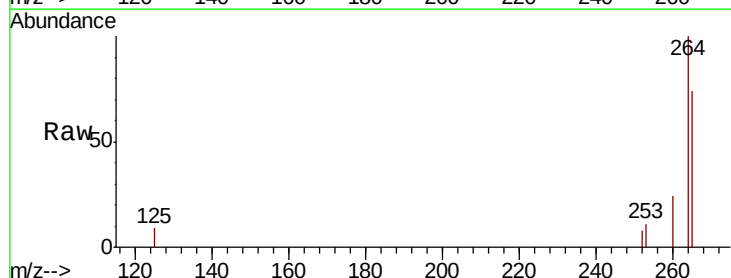


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.28 min Scan# 2543
 Delta R.T. -0.00 min
 Lab File: BN010872.D
 Acq: 15 Jun 2020 13:27

Tgt Ion:264 Resp: 11210
 Ion Ratio Lower Upper
 264 100
 260 24.0 20.4 30.6
 265 74.2 75.0 112.4#



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

