

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061520\
 Data File : BN010871.D
 Acq On : 15 Jun 2020 12:51
 Operator : CG/JU
 Sample : L2988-21DL 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE131D2-20200609DL

Quant Time: Jun 15 13:22:44 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

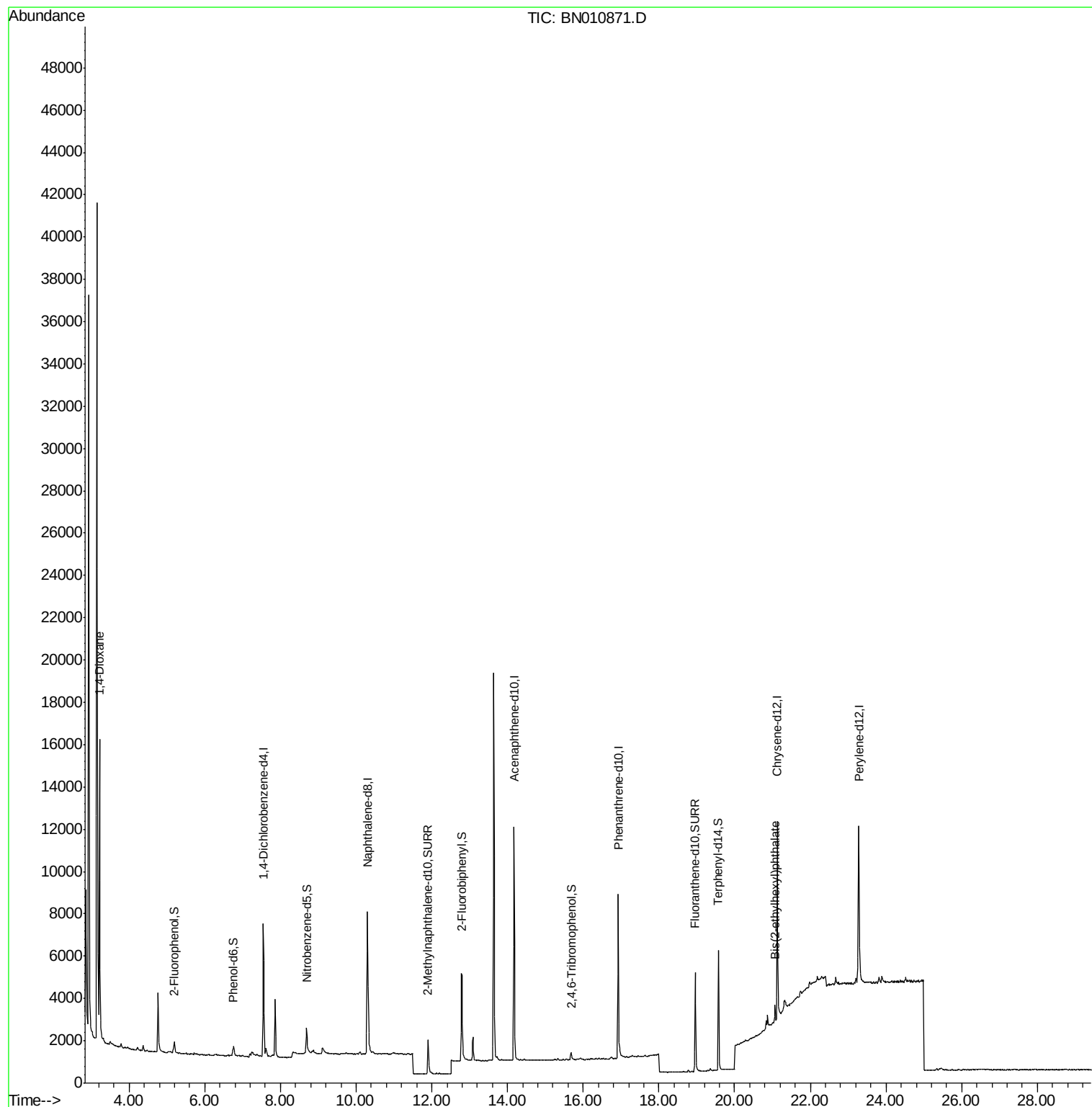
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	3140	0.40	ng	0.00
7) Naphthalene-d8	10.30	136	11050	0.40	ng	0.00
13) Acenaphthene-d10	14.17	164	6222	0.40	ng	0.00
19) Phenanthrene-d10	16.92	188	12430	0.40	ng	0.00
27) Chrysene-d12	21.13	240	10503	0.40	ng	0.00
34) Perylene-d12	23.28	264	10788	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	529	0.09	ng	0.00
5) Phenol-d6	6.75	99	356	0.05	ng	0.00
8) Nitrobenzene-d5	8.69	82	1521	0.19	ng	0.01
11) 2-Methylnaphthalene-d10	11.90	152	2841	0.17	ng	0.00
14) 2,4,6-Tribromophenol	15.68	330	357	0.16	ng	0.01
15) 2-Fluorobiphenyl	12.80	172	4869	0.20	ng	0.01
25) Fluoranthene-d10	18.96	212	6326	0.18	ng	0.00
29) Terphenyl-d14	19.57	244	6298	0.26	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.22	88	11739	3.817	ng	97
32) Bis(2-ethylhexyl)phthalate	21.07	149	691	0.067	ng	# 91

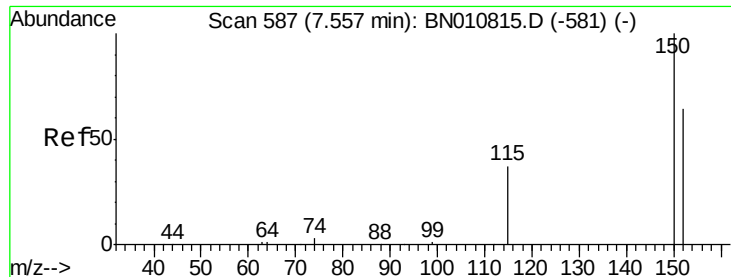
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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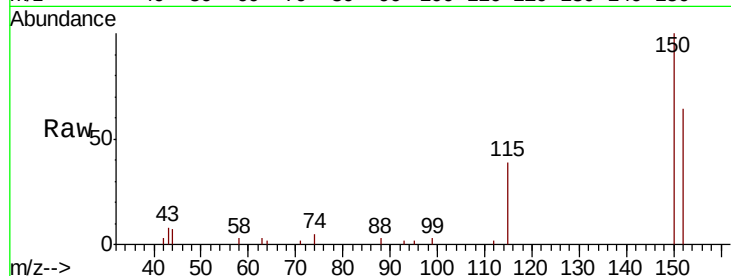


#1

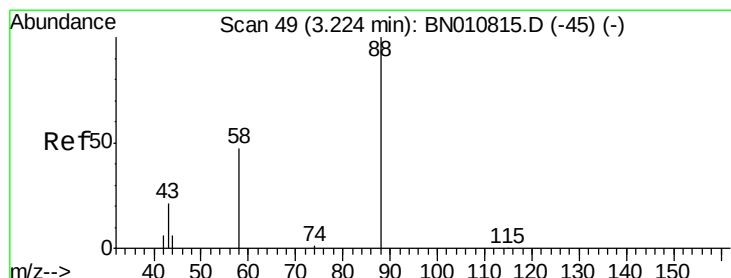
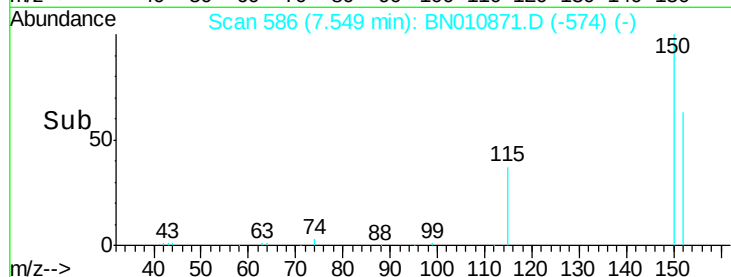
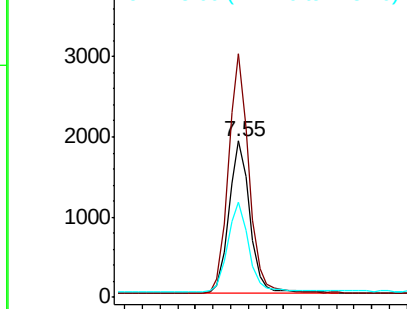
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.55 min Scan# 586
Delta R.T. 0.00 min
Lab File: BN010871.D
Acq: 15 Jun 2020 12:51

Instrument :
BNA_N
ClientSampleId :
RE131D2-20200609DL

Tot Ion:152 Resp: 3140
Ion Ratio Lower Upper
152 100
150 155.8 123.8 185.6
115 61.2 49.2 73.8



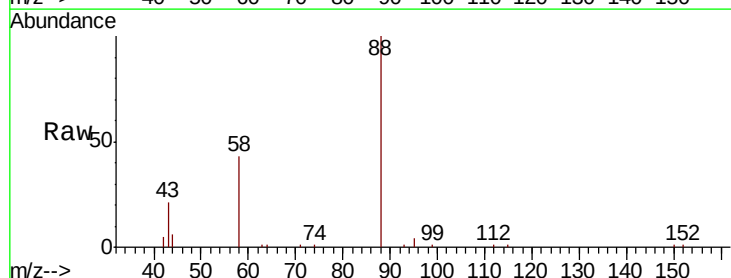
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



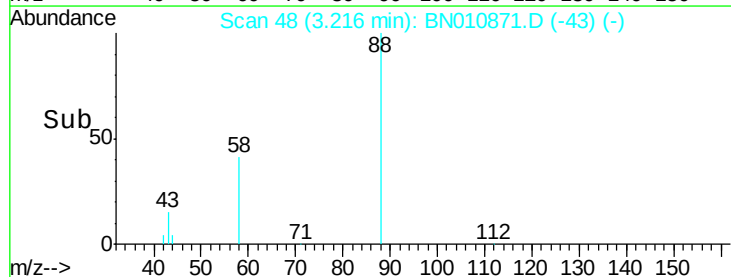
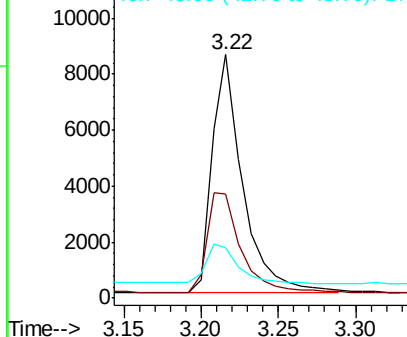
#2

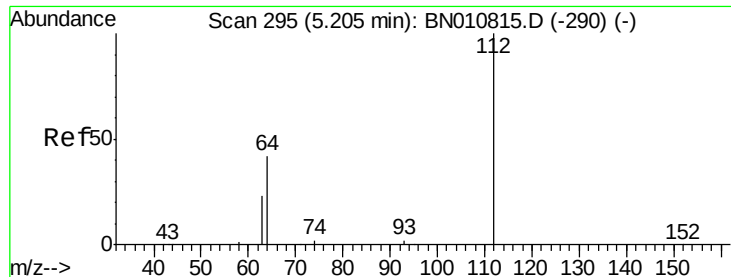
1,4-Dioxane
Concen: 3.817 ng
RT: 3.22 min Scan# 48
Delta R.T. -0.01 min
Lab File: BN010871.D
Acq: 15 Jun 2020 12:51

Tgt Ion: 88 Resp: 11739
Ion Ratio Lower Upper
88 100
58 46.2 38.2 57.4
43 17.4 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: 0.087 ng

RT: 5.20 min Scan# 294

Delta R.T. 0.00 min

Lab File: BN010871.D

Acq: 15 Jun 2020 12:51

Instrument :

BNA_N

ClientSampleId :

RE131D2-20200609DL

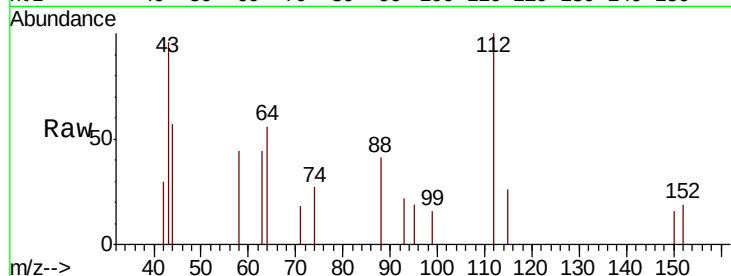
Tot Ion: 112 Resp: 529

Ion Ratio Lower Upper

112 100

64 49.3 37.4 56.0

63 27.0 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

5.20

400

300

200

100

0

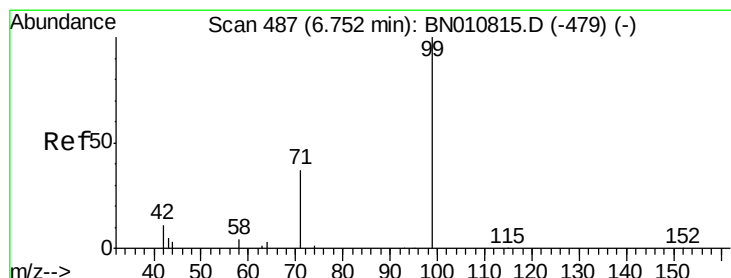
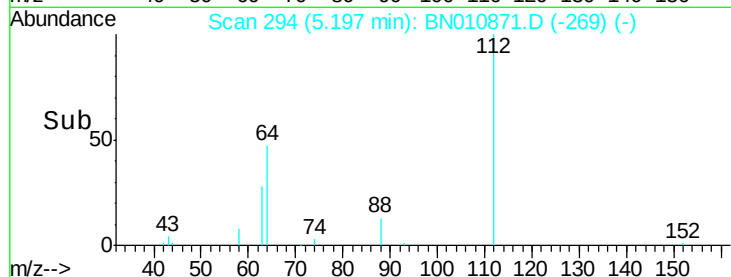
5.10

5.20

5.30

5.40

Time-->



#5

Phenol-d6

Concen: 0.050 ng

RT: 6.75 min Scan# 487

Delta R.T. 0.01 min

Lab File: BN010871.D

Acq: 15 Jun 2020 12:51

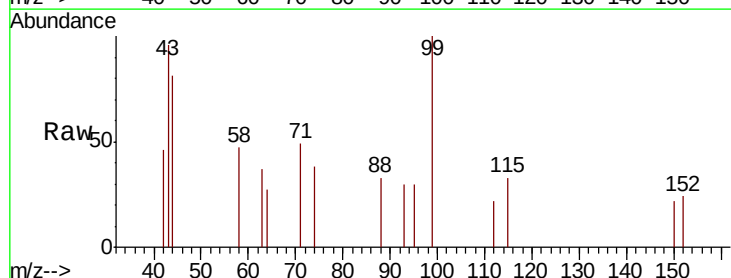
Tgt Ion: 99 Resp: 356

Ion Ratio Lower Upper

99 100

42 25.6 11.1 16.7#

71 44.4 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

6.75

300

250

200

150

100

50

0

6.65

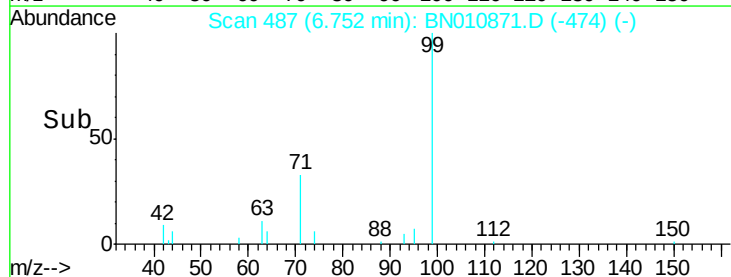
6.70

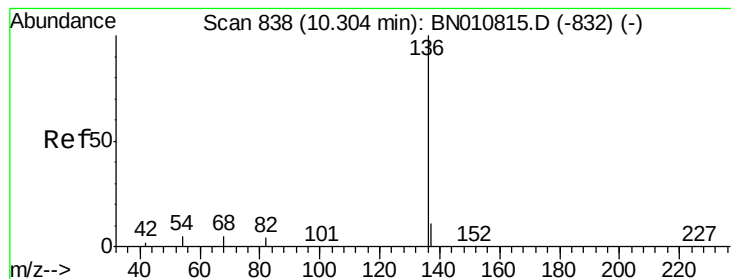
6.75

6.80

6.85

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.30 min Scan# 838

Delta R.T. 0.00 min

Lab File: BN010871.D

Acq: 15 Jun 2020 12:51

Instrument :

BNA_N

ClientSampleId :

RE131D2-20200609DL

Tot Ion:136 Resp: 11050

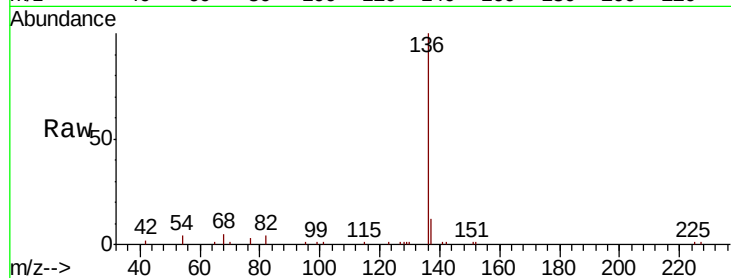
Ion Ratio Lower Upper

136 100

137 11.8 9.7 14.5

54 3.9 4.9 7.3#

68 4.5 4.7 7.1#

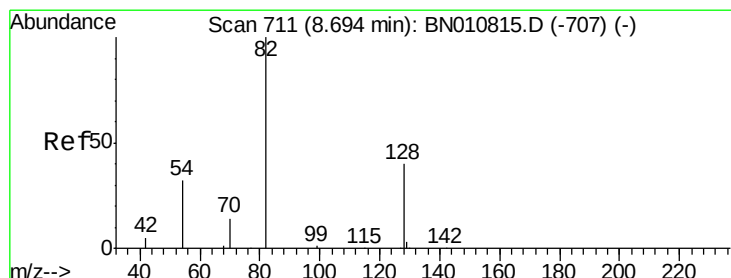
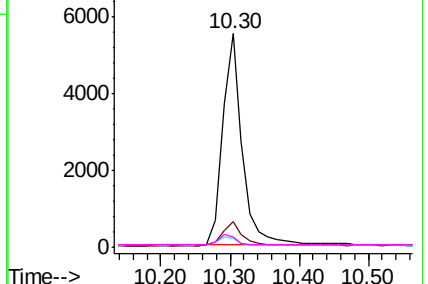
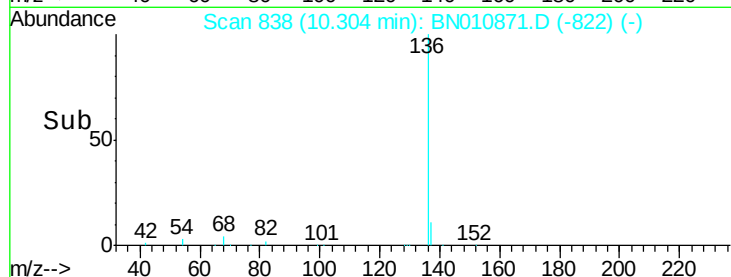


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.186 ng

RT: 8.69 min Scan# 711

Delta R.T. 0.01 min

Lab File: BN010871.D

Acq: 15 Jun 2020 12:51

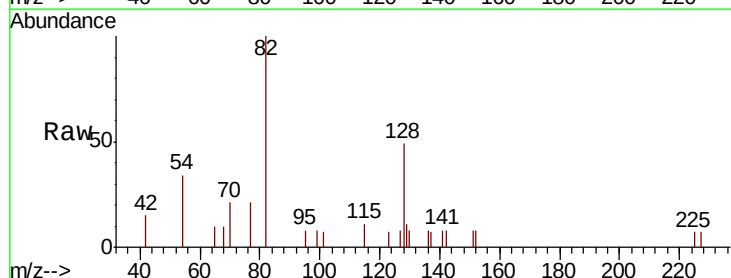
Tgt Ion: 82 Resp: 1521

Ion Ratio Lower Upper

82 100

128 48.8 35.4 53.0

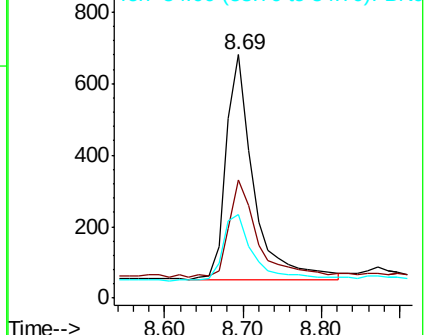
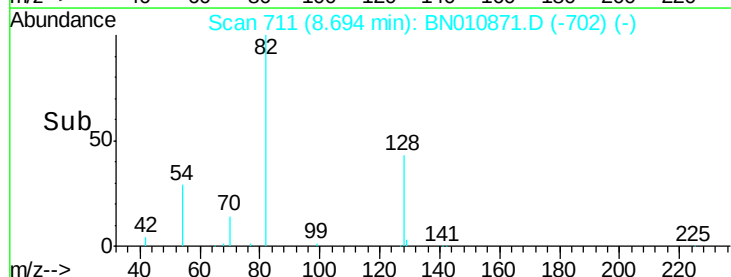
54 34.4 28.2 42.4

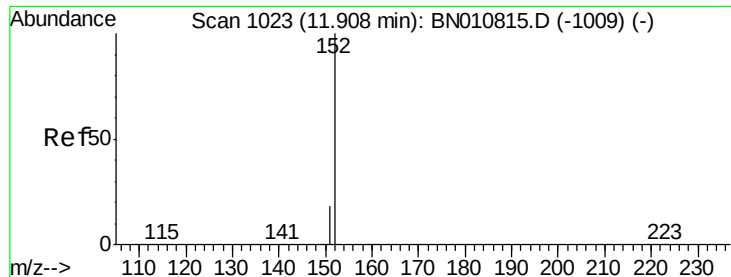


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

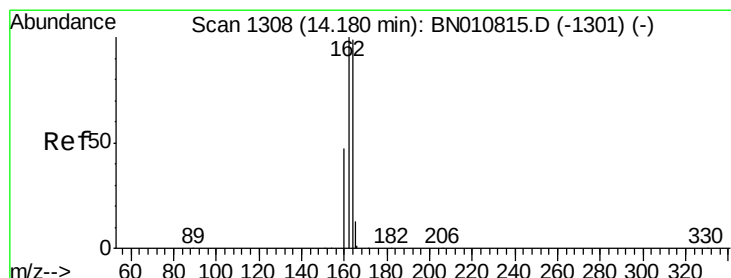
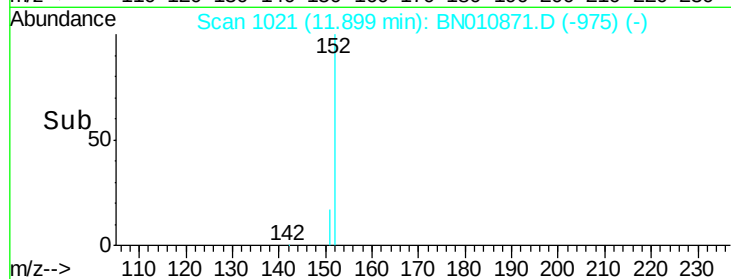
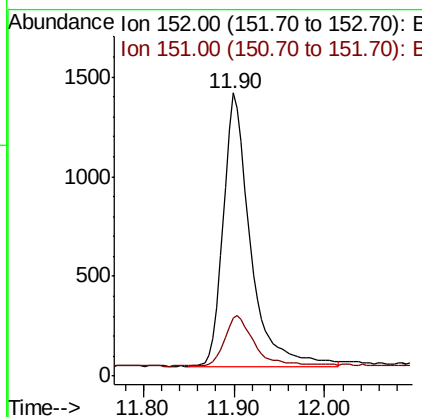
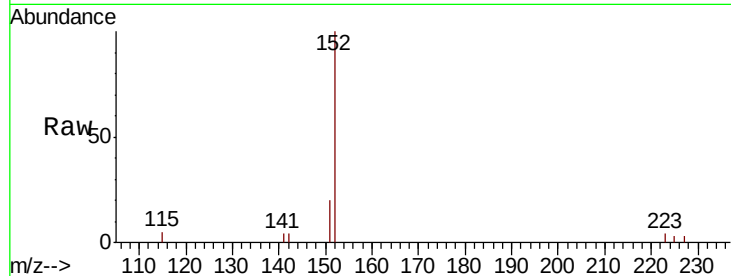




#11
2-Methylnaphthalene-d10
Concen: 0.166 ng
RT: 11.90 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BN010871.D
Acq: 15 Jun 2020 12:51

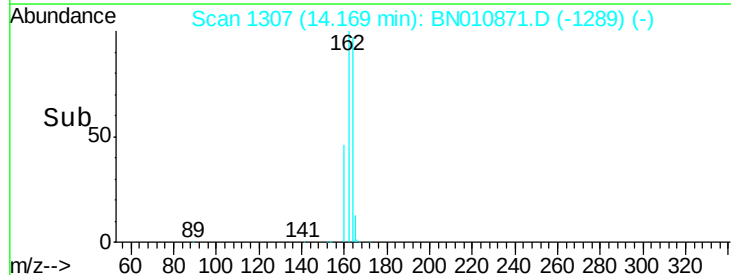
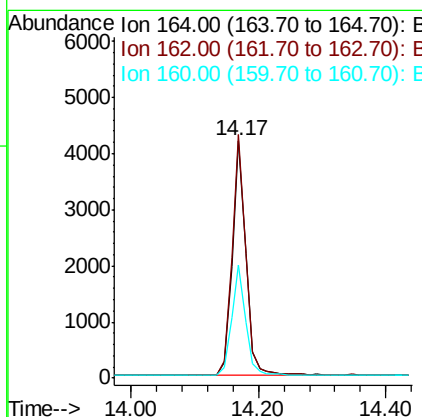
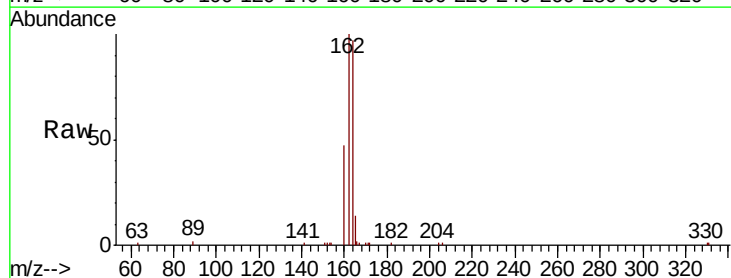
Instrument :
BNA_N
ClientSampleId :
RE131D2-20200609DL

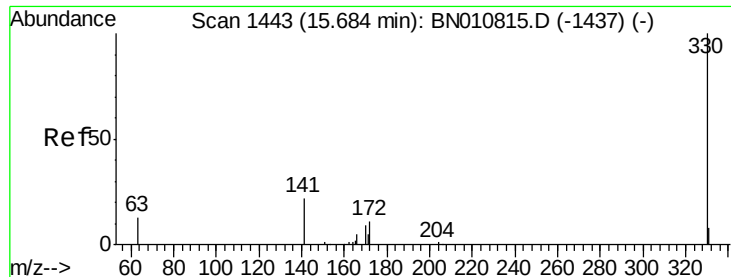
Tot Ion:152 Resp: 2841
Ion Ratio Lower Upper
152 100
151 20.0 15.3 22.9



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.17 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BN010871.D
Acq: 15 Jun 2020 12:51

Tgt Ion:164 Resp: 6222
Ion Ratio Lower Upper
164 100
162 102.6 81.0 121.6
160 47.8 38.9 58.3

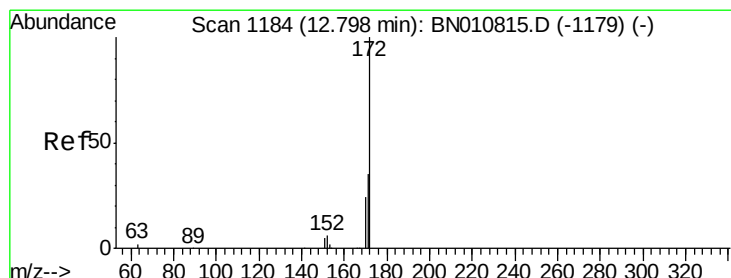
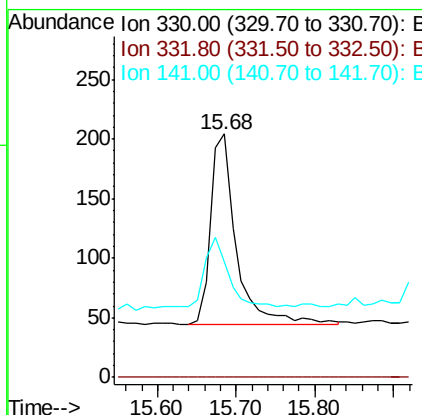
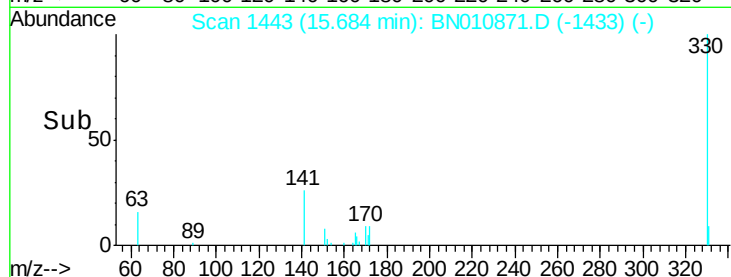
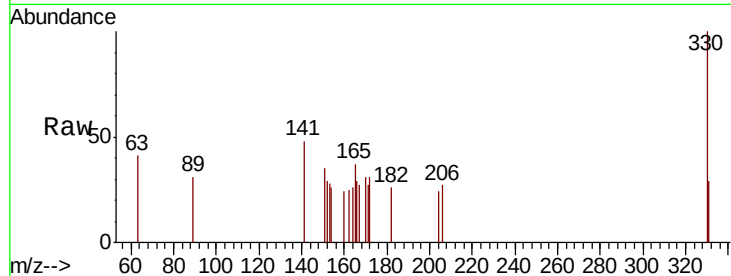




#14
 2,4,6-Tribromophenol
 Concen: 0.160 ng
 RT: 15.68 min Scan# 1443
 Delta R.T. 0.01 min
 Lab File: BN010871.D
 Acq: 15 Jun 2020 12:51

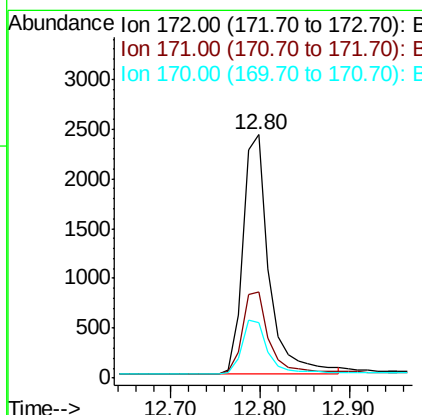
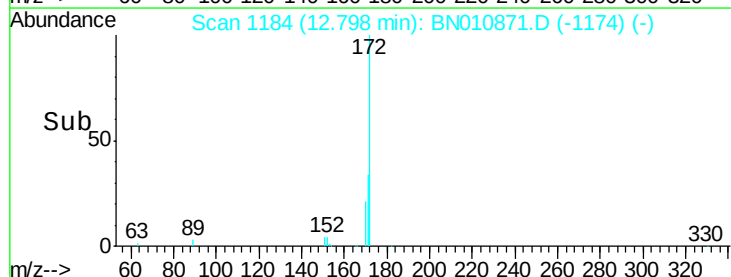
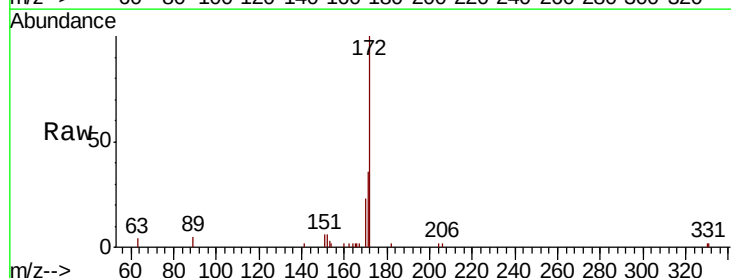
Instrument :
 BNA_N
 ClientSampleId :
 RE131D2-20200609DL

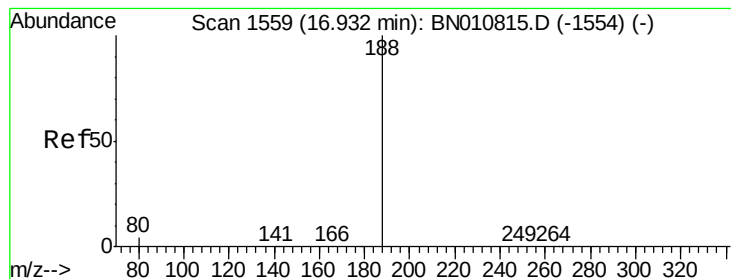
Tot Ion:330 Resp: 357
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 35.9 33.2 49.8



#15
 2-Fluorobiphenyl
 Concen: 0.198 ng
 RT: 12.80 min Scan# 1184
 Delta R.T. 0.01 min
 Lab File: BN010871.D
 Acq: 15 Jun 2020 12:51

Tgt Ion:172 Resp: 4869
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.5 42.7
 170 22.7 19.7 29.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.92 min Scan# 1558

Delta R.T. 0.00 min

Lab File: BN010871.D

Acq: 15 Jun 2020 12:51

Instrument :

BNA_N

ClientSampleId :

RE131D2-20200609DL

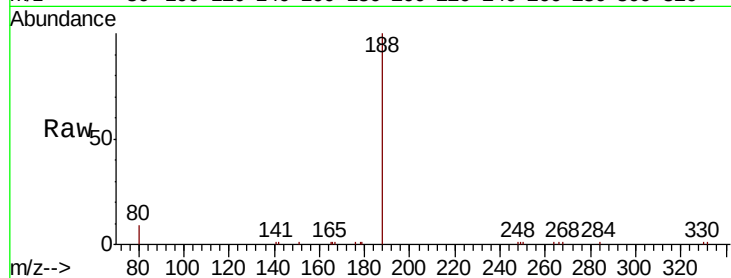
Tot Ion:188 Resp: 12430

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

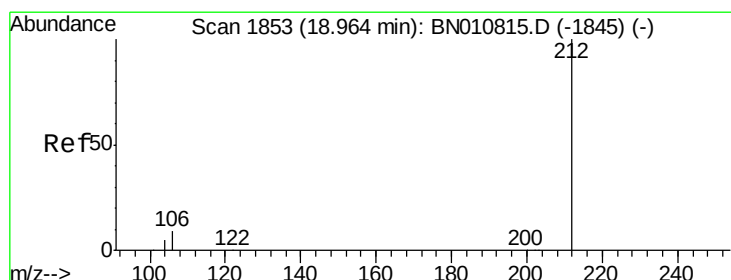
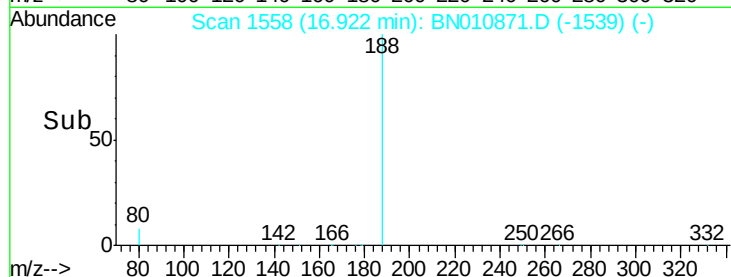
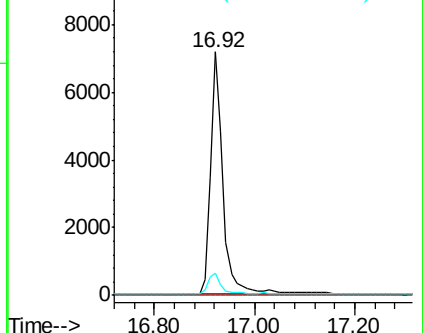
80 9.0 4.5 6.7#



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: 0.184 ng

RT: 18.96 min Scan# 1852

Delta R.T. 0.00 min

Lab File: BN010871.D

Acq: 15 Jun 2020 12:51

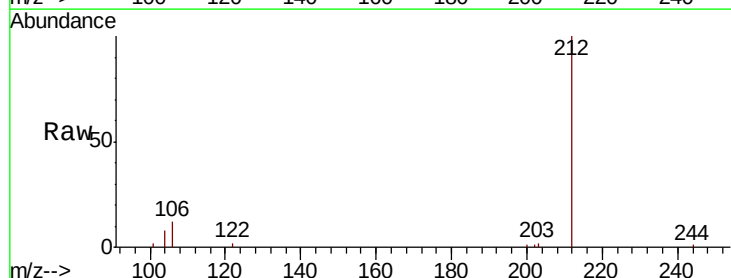
Tgt Ion:212 Resp: 6326

Ion Ratio Lower Upper

212 100

106 10.0 6.6 10.0#

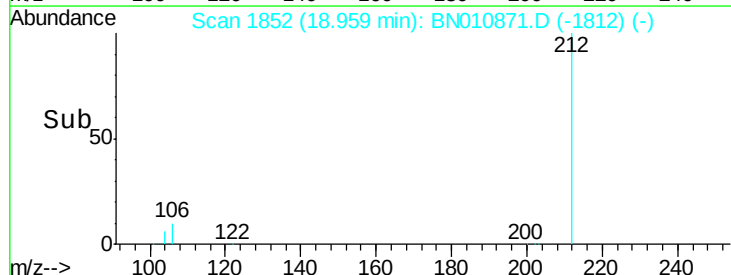
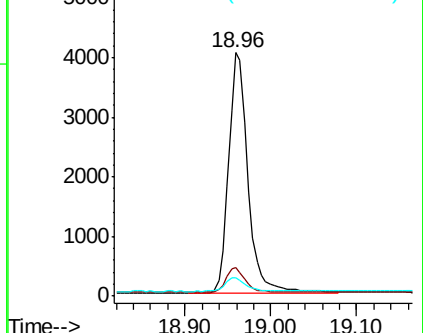
104 6.4 4.0 6.0#

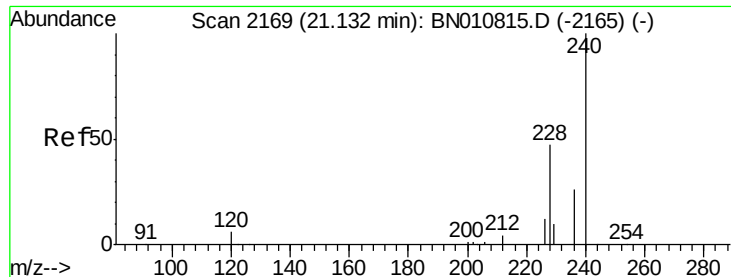


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

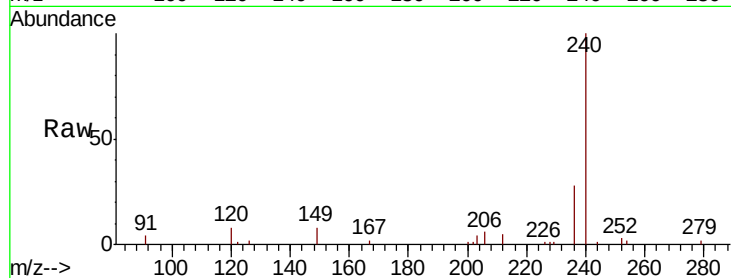




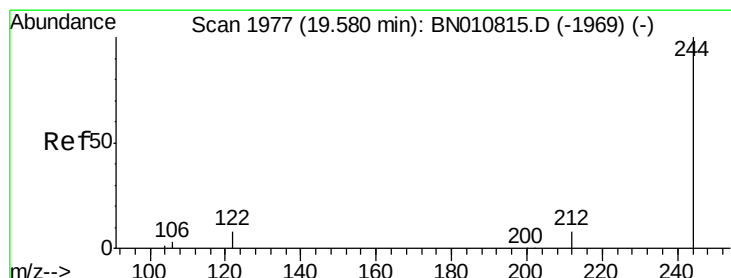
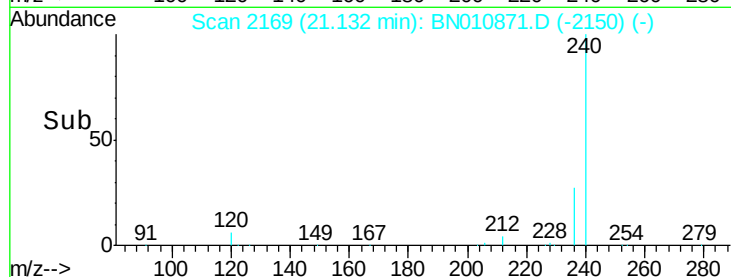
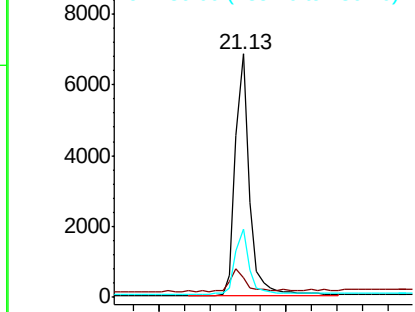
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.13 min Scan# 2169
 Delta R.T. 0.00 min
 Lab File: BN010871.D
 Acq: 15 Jun 2020 12:51

Instrument :
 BNA_N
 ClientSampleId :
 RE131D2-20200609DL

Tot Ion:240 Resp: 10503
 Ion Ratio Lower Upper
 240 100
 120 8.2 7.5 11.3
 236 27.8 22.3 33.5

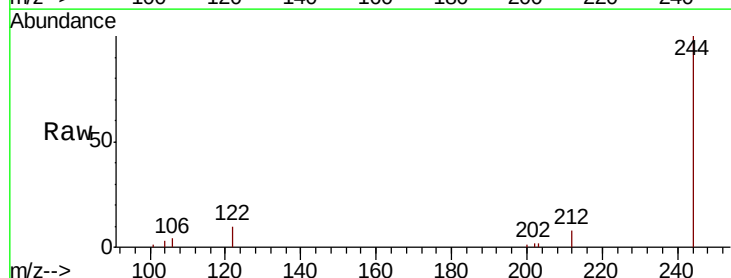


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

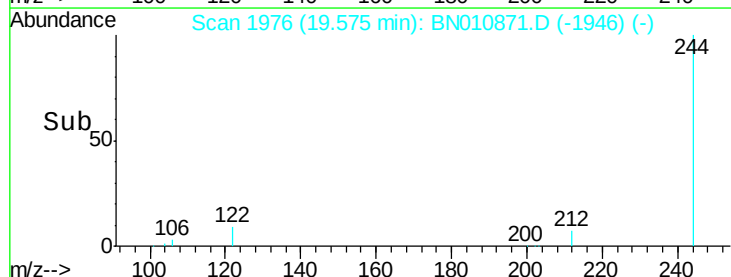
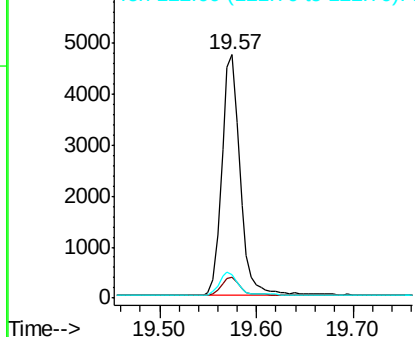


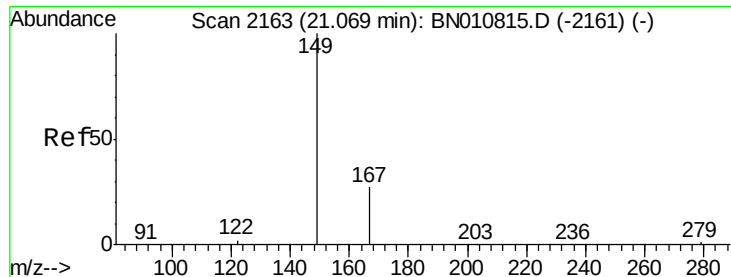
#29
 Terphenyl-d14
 Concen: 0.256 ng
 RT: 19.57 min Scan# 1976
 Delta R.T. 0.00 min
 Lab File: BN010871.D
 Acq: 15 Jun 2020 12:51

Tgt Ion:244 Resp: 6298
 Ion Ratio Lower Upper
 244 100
 212 8.5 7.4 11.2
 122 9.8 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: BN010871.D

Acq: 15 Jun 2020 12:51

Instrument :

BNA_N

ClientSampleId :

RE131D2-20200609DL

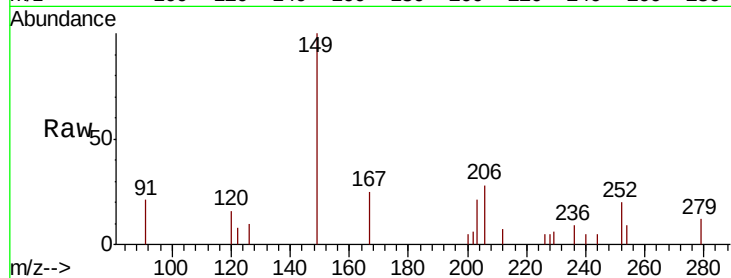
Tot Ion:149 Resp: 691

Ion Ratio Lower Upper

149 100

167 25.0 24.1 36.1

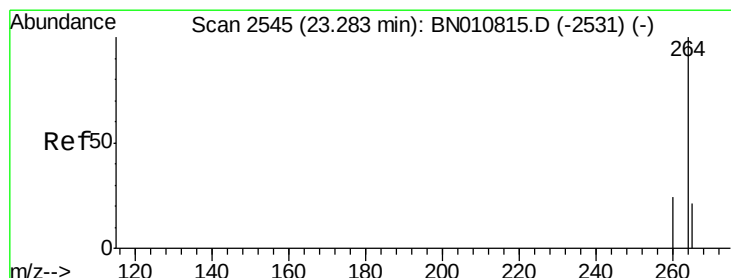
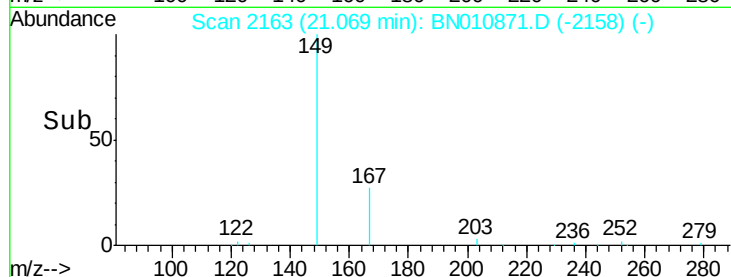
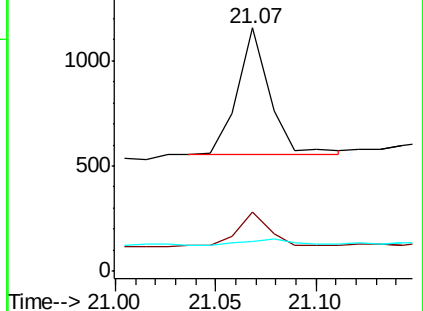
279 7.4 4.6 7.0#



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: BN010871.D

Acq: 15 Jun 2020 12:51

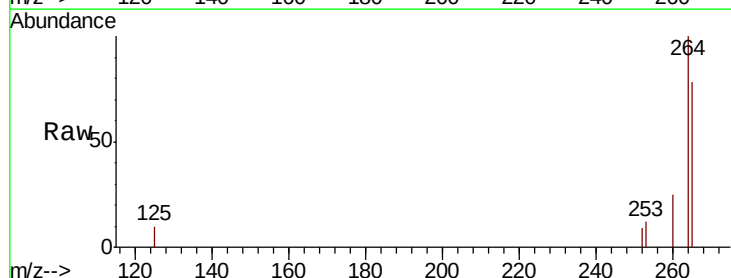
Tgt Ion:264 Resp: 10788

Ion Ratio Lower Upper

264 100

260 25.1 20.4 30.6

265 78.3 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

