

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061220\
 Data File : BN010841.D
 Acq On : 12 Jun 2020 09:51
 Operator : CG/JU
 Sample : PB129499BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB129499BL

Quant Time: Jun 23 19:57:20 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 22 12:02:11 2020
 Response via : Initial Calibration

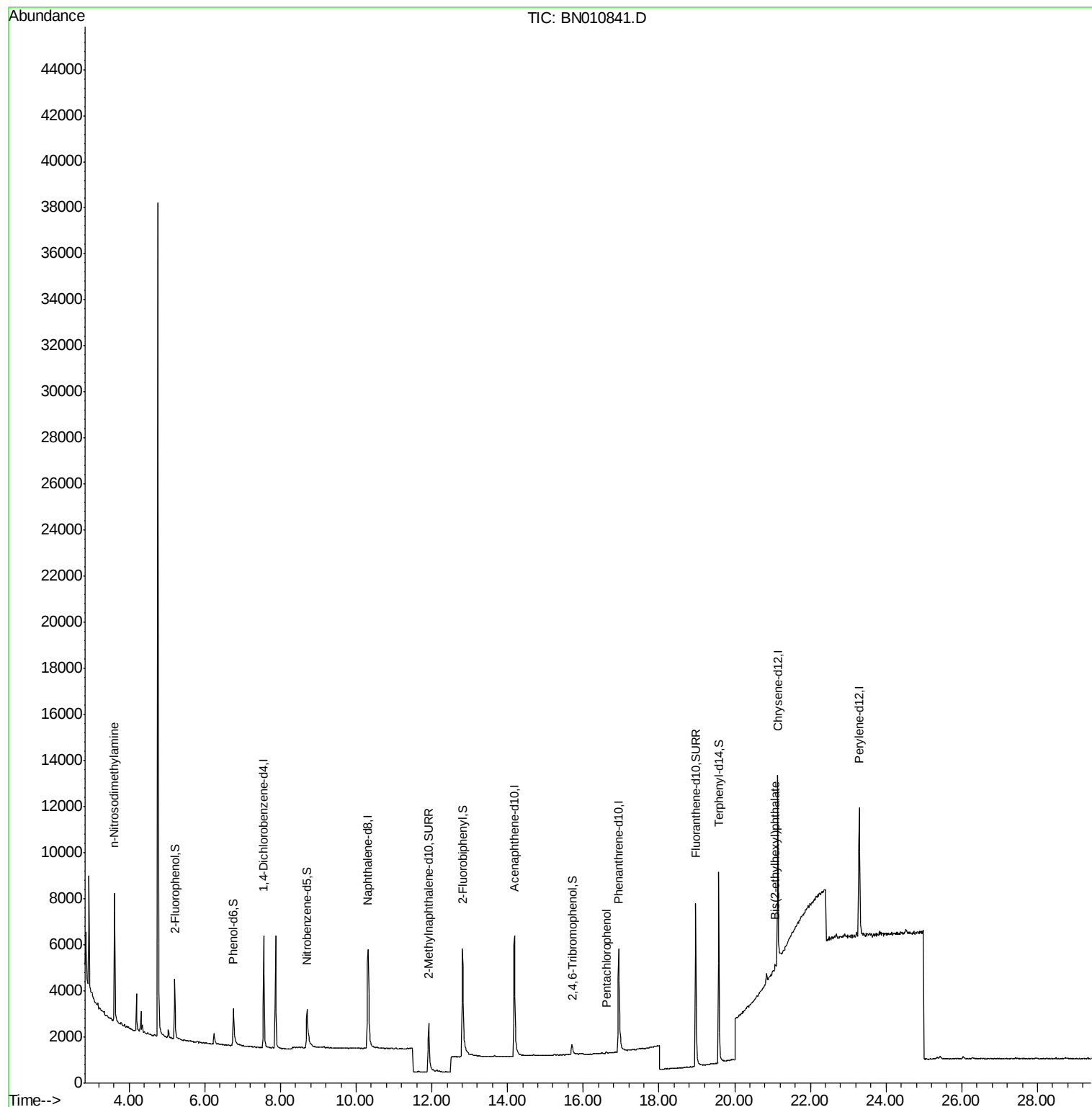
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2602	0.40	ng	0.02
7) Naphthalene-d8	10.32	136	8882	0.40	ng	0.04
13) Acenaphthene-d10	14.19	164	4505	0.40	ng	0.04
19) Phenanthrene-d10	16.94	188	9944	0.40	ng	0.03
27) Chrysene-d12	21.13	240	9955	0.40	ng	0.01
34) Perylene-d12	23.29	264	7997	0.40	ng	0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	2521	0.50	ng	0.02
5) Phenol-d6	6.76	99	2486	0.42	ng	0.03
8) Nitrobenzene-d5	8.71	82	2679	0.41	ng	0.04
11) 2-Methylnaphthalene-d10	11.91	152	4889	0.35	ng	0.04
14) 2,4,6-Tribromophenol	15.70	330	633	0.39	ng	0.04
15) 2-Fluorobiphenyl	12.80	172	7280	0.41	ng	0.03
25) Fluoranthene-d10	18.97	212	10759	0.39	ng	0.03
29) Terphenyl-d14	19.58	244	10120	0.43	ng	0.02
Target Compounds						
3) n-Nitrosodimethylamine	3.61	42	292	0.197	ng	# 1
22) Pentachlorophenol	16.61	266	55	0.026	ng	# 74
32) Bis(2-ethylhexyl)phthalate	21.08	149	422	0.043	ng	# 90

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

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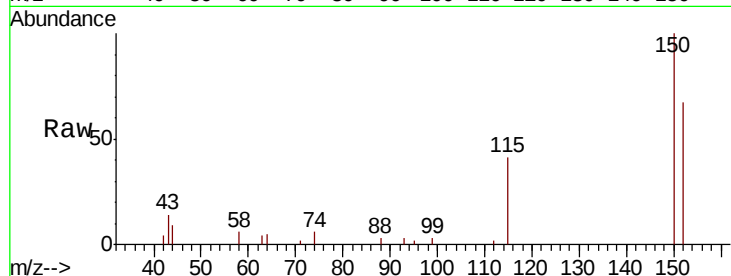


#1

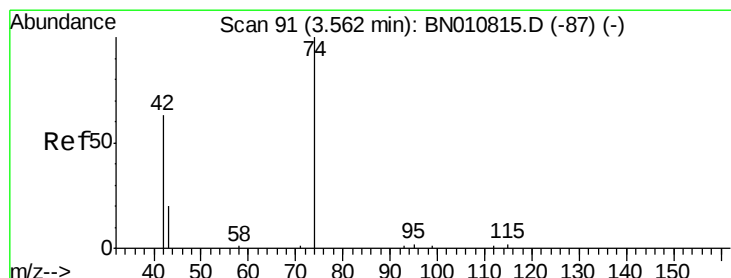
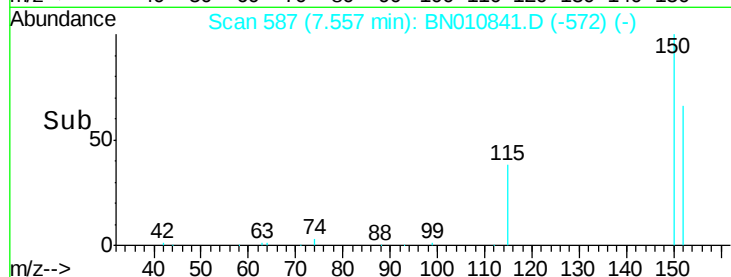
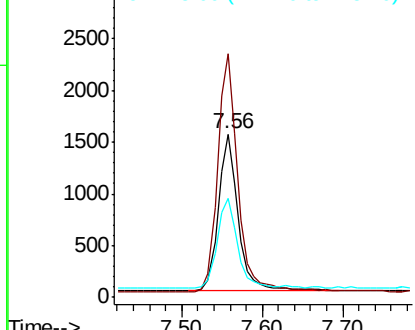
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.56 min Scan# 587
Delta R.T. 0.02 min
Lab File: BN010841.D
Acq: 12 Jun 2020 09:51

Instrument :
BNA_N
ClientSampleId :
PB129499BL

Tot Ion:152 Resp: 2602
Ion Ratio Lower Upper
152 100
150 149.4 123.8 185.6
115 60.9 49.2 73.8



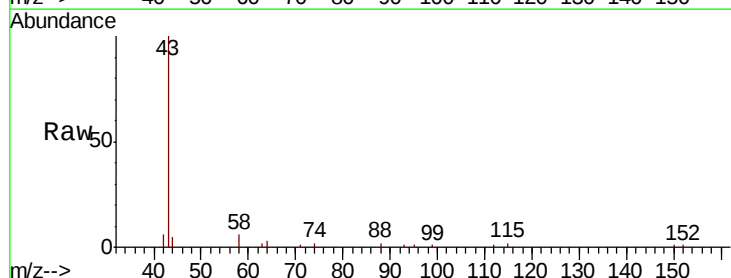
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



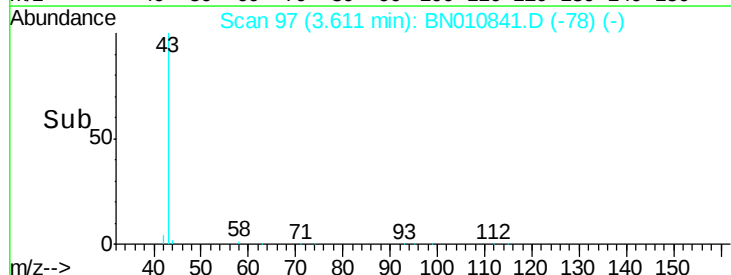
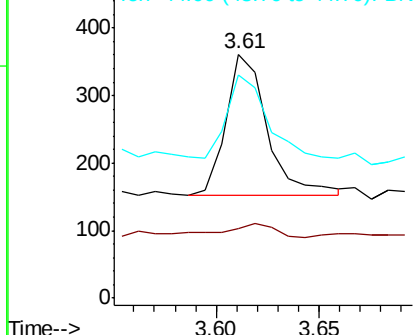
#3

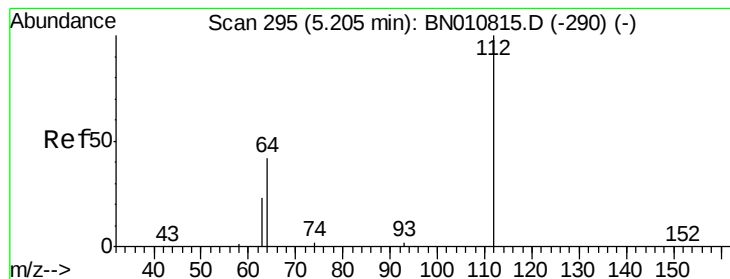
n-Nitrosodimethylamine
Concen: 0.197 ng
RT: 3.61 min Scan# 97
Delta R.T. 0.06 min
Lab File: BN010841.D
Acq: 12 Jun 2020 09:51

Tgt Ion: 42 Resp: 292
Ion Ratio Lower Upper
42 100
74 12.0 140.7 211.1#
44 55.5 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: 0.502 ng

RT: 5.21 min Scan# 295

Delta R.T. 0.02 min

Lab File: BN010841.D

Acq: 12 Jun 2020 09:51

Instrument :

BNA_N

ClientSampleId :

PB129499BL

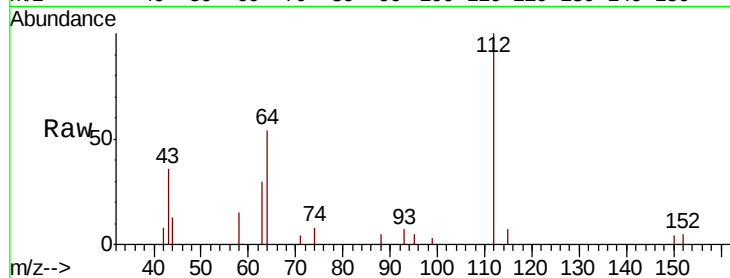
Tot Ion: 112 Resp: 2521

Ion Ratio Lower Upper

112 100

64 46.8 37.4 56.0

63 24.0 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

2000

1500

1000

500

0

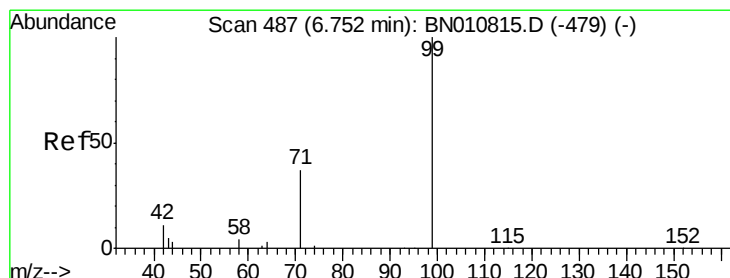
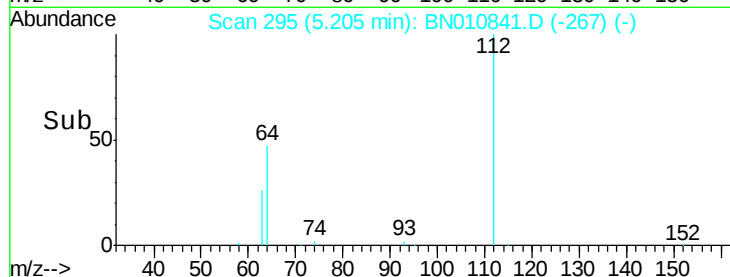
5.10

5.20

5.30

5.40

Time-->



#5

Phenol-d6

Concen: 0.420 ng

RT: 6.76 min Scan# 488

Delta R.T. 0.03 min

Lab File: BN010841.D

Acq: 12 Jun 2020 09:51

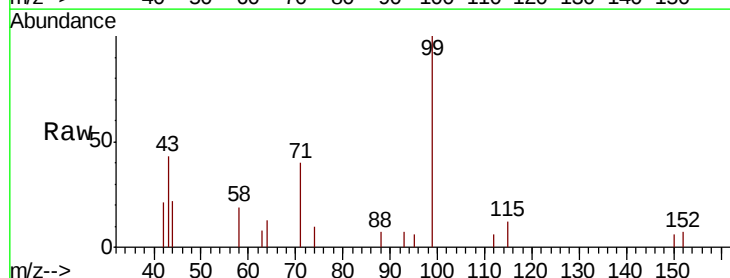
Tgt Ion: 99 Resp: 2486

Ion Ratio Lower Upper

99 100

42 11.9 11.1 16.7

71 35.8 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

1000

500

0

6.60

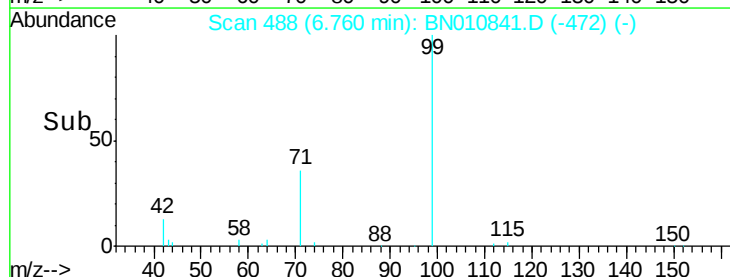
6.70

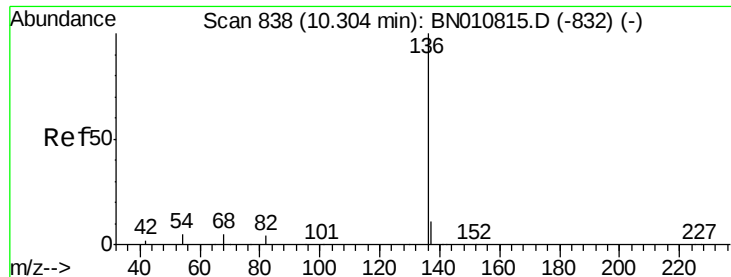
6.80

6.90

7.00

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.32 min Scan# 839

Delta R.T. 0.04 min

Lab File: BN010841.D

Acq: 12 Jun 2020 09:51

Instrument :

BNA_N

ClientSampleId :

PB129499BL

Tot Ion:136 Resp: 8882

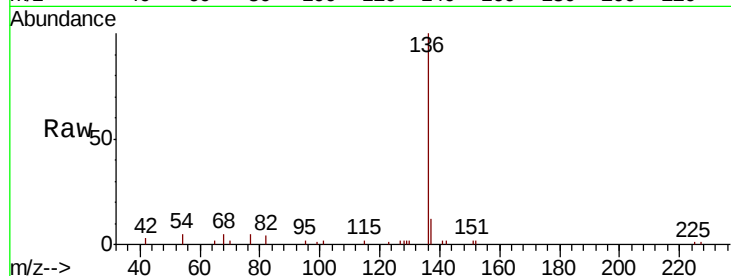
Ion Ratio Lower Upper

136 100

137 12.5 9.7 14.5

54 4.7 4.9 7.3#

68 5.3 4.7 7.1

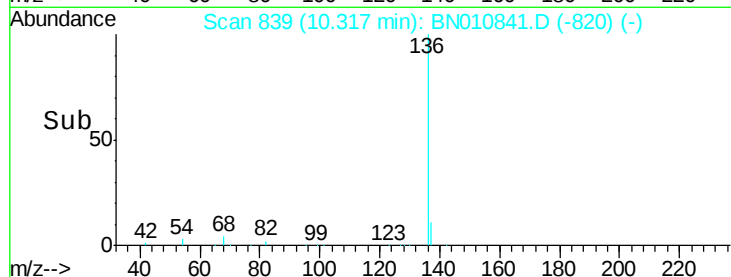


Abundance Ion 136.00 (135.70 to 136.70): E

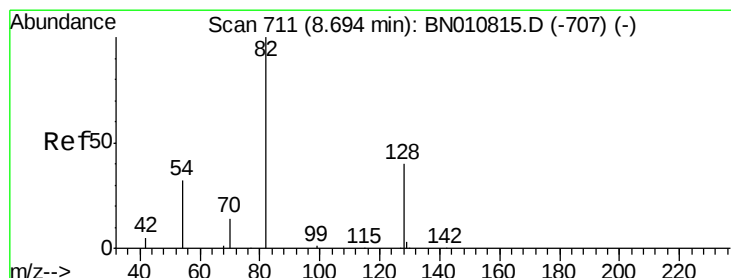
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



Time-->



#8

Nitrobenzene-d5

Concen: 0.408 ng

RT: 8.71 min Scan# 712

Delta R.T. 0.04 min

Lab File: BN010841.D

Acq: 12 Jun 2020 09:51

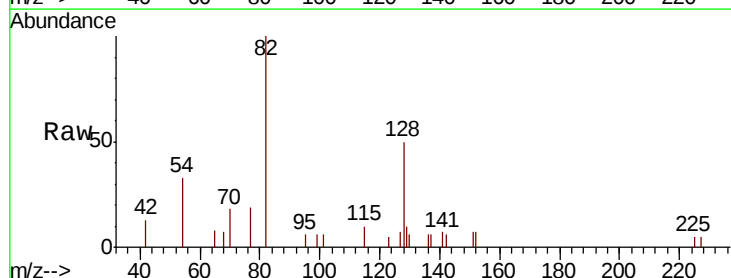
Tgt Ion: 82 Resp: 2679

Ion Ratio Lower Upper

82 100

128 50.1 35.4 53.0

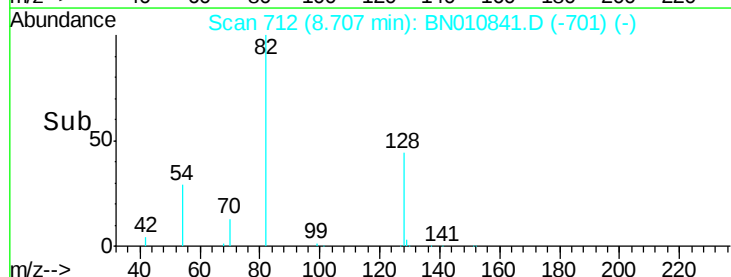
54 33.3 28.2 42.4



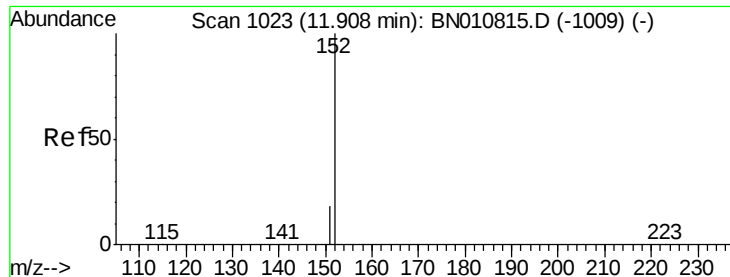
Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC



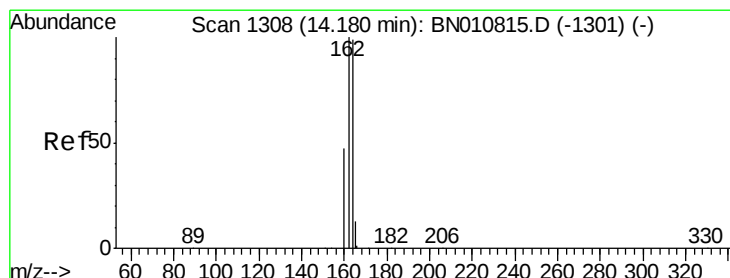
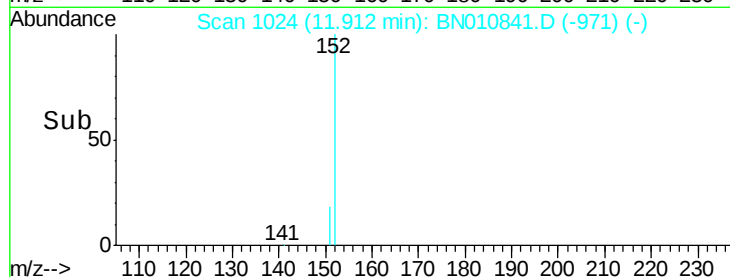
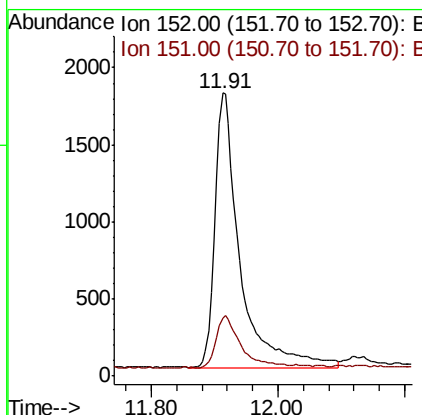
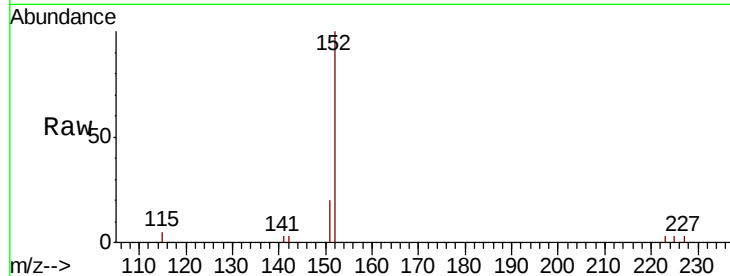
Time-->



#11
2-Methylnaphthalene-d10
Concen: 0.355 ng
RT: 11.91 min Scan# 1024
Delta R.T. 0.04 min
Lab File: BN010841.D
Acq: 12 Jun 2020 09:51

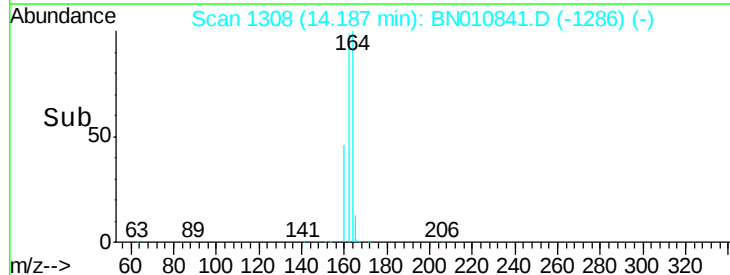
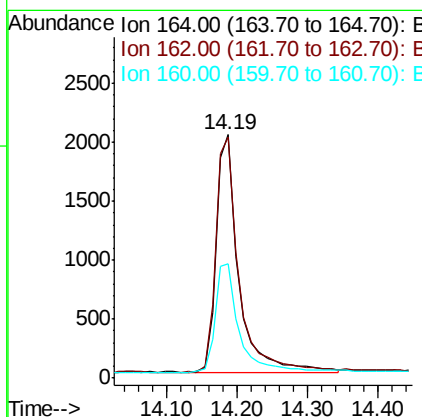
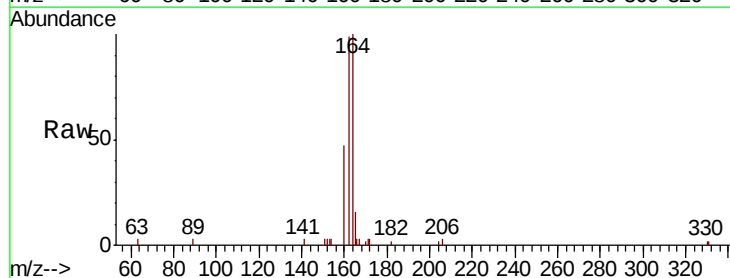
Instrument :
BNA_N
ClientSampleId :
PB129499BL

Tot Ion:152 Resp: 4889
Ion Ratio Lower Upper
152 100
151 18.7 15.3 22.9



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.19 min Scan# 1308
Delta R.T. 0.04 min
Lab File: BN010841.D
Acq: 12 Jun 2020 09:51

Tgt Ion:164 Resp: 4505
Ion Ratio Lower Upper
164 100
162 99.2 81.0 121.6
160 46.9 38.9 58.3

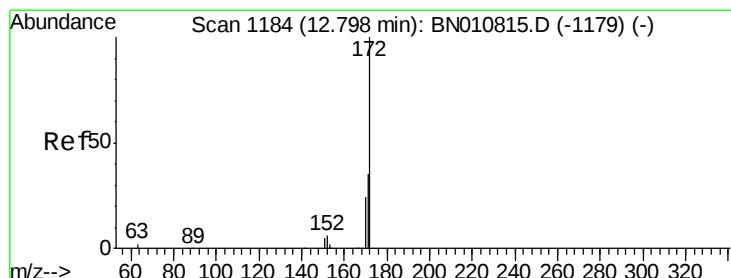
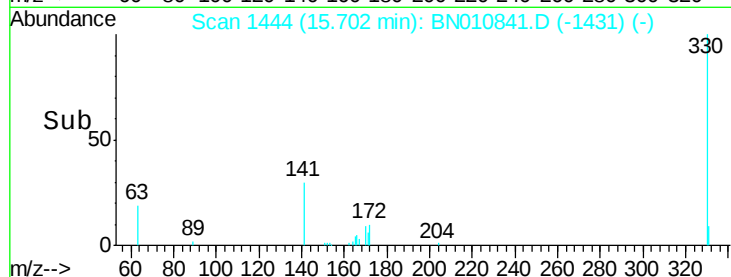
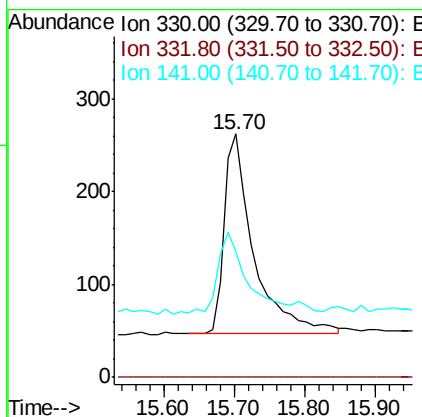
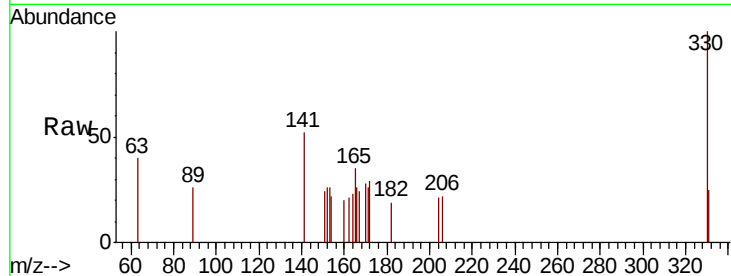




#14
 2,4,6-Tribromophenol
 Concen: 0.393 ng
 RT: 15.70 min Scan# 1444
 Delta R.T. 0.04 min
 Lab File: BN010841.D
 Acq: 12 Jun 2020 09:51

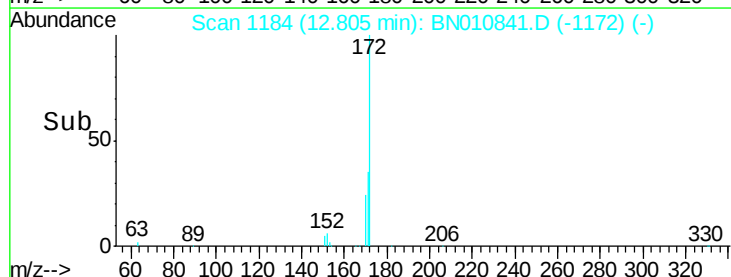
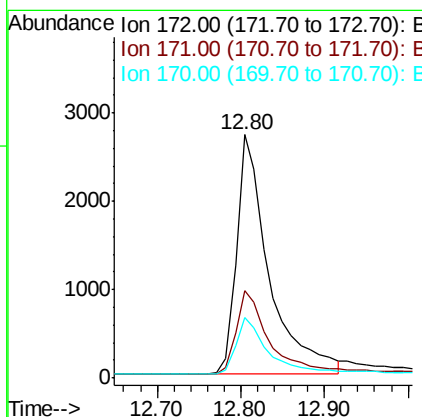
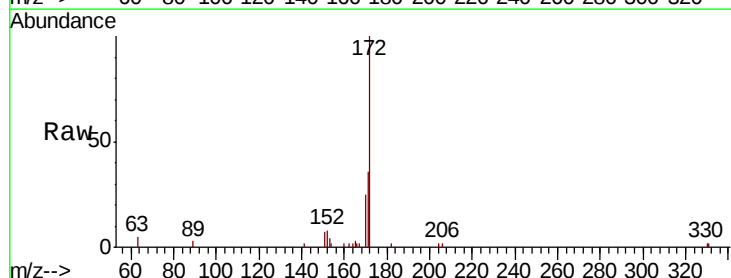
Instrument :
 BNA_N
 ClientSampleId :
 PB129499BL

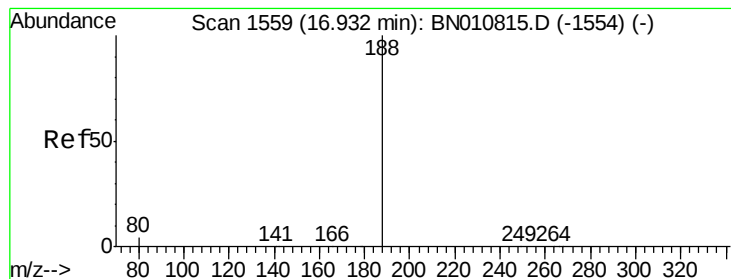
Tot Ion:330 Resp: 633
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 42.2 33.2 49.8



#15
 2-Fluorobiphenyl
 Concen: 0.410 ng
 RT: 12.80 min Scan# 1184
 Delta R.T. 0.03 min
 Lab File: BN010841.D
 Acq: 12 Jun 2020 09:51

Tgt Ion:172 Resp: 7280
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.5 42.7
 170 24.9 19.7 29.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.94 min Scan# 1559

Delta R.T. 0.03 min

Lab File: BN010841.D

Acq: 12 Jun 2020 09:51

Instrument :

BNA_N

ClientSampleId :

PB129499BL

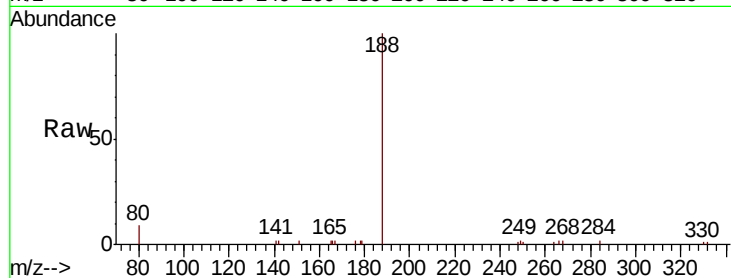
Tot Ion:188 Resp: 9944

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

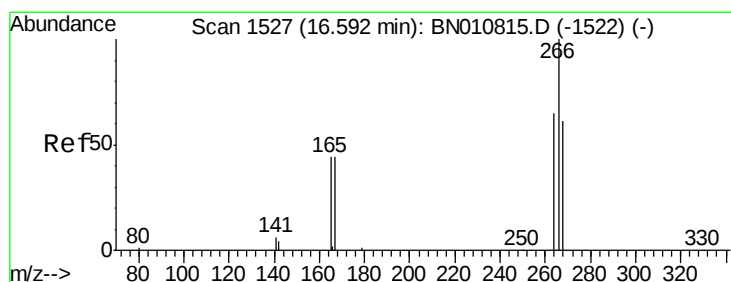
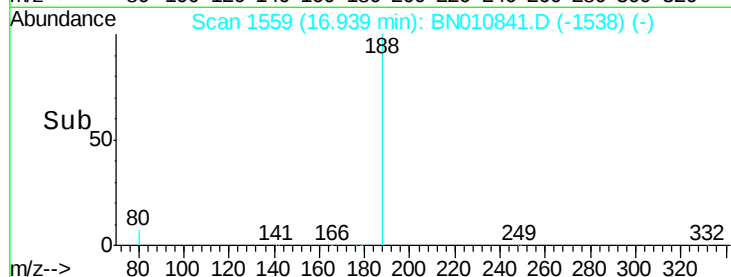
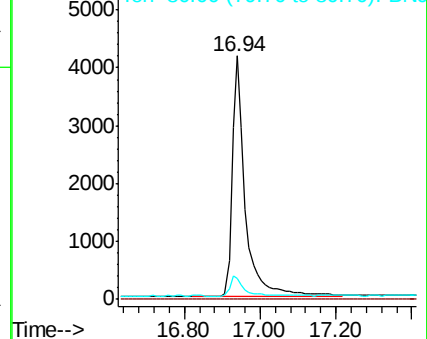
80 8.7 4.5 6.7#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNO

Ion 80.00 (79.70 to 80.70): BNO



#22

Pentachlorophenol

Concen: 0.026 ng

RT: 16.61 min Scan# 1528

Delta R.T. 0.04 min

Lab File: BN010841.D

Acq: 12 Jun 2020 09:51

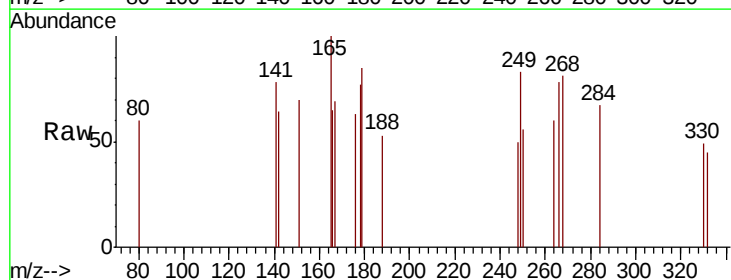
Tgt Ion:266 Resp: 55

Ion Ratio Lower Upper

266 100

264 76.9 54.8 82.2

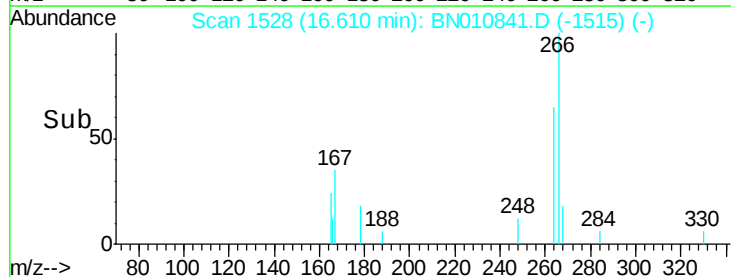
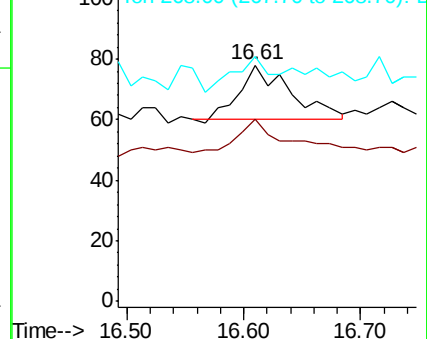
268 103.8 55.9 83.9#

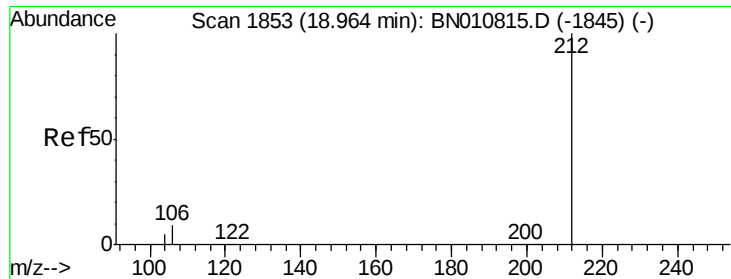


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.392 ng

RT: 18.97 min Scan# 1853

Delta R.T. 0.03 min

Lab File: BN010841.D

Acq: 12 Jun 2020 09:51

Instrument :

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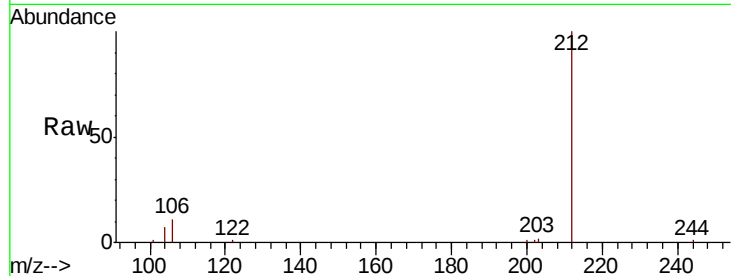
Tot Ion:212 Resp: 10759

Ion Ratio Lower Upper

212 100

106 10.2 6.6 10.0#

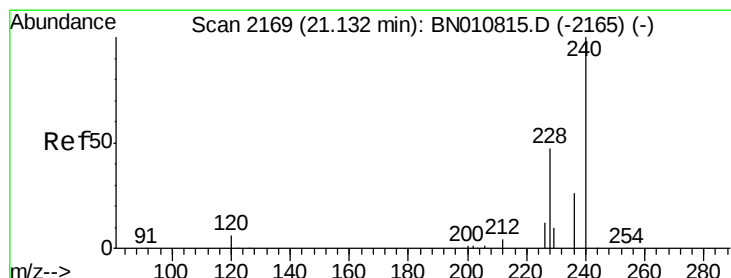
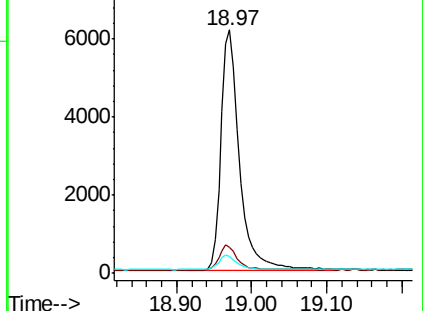
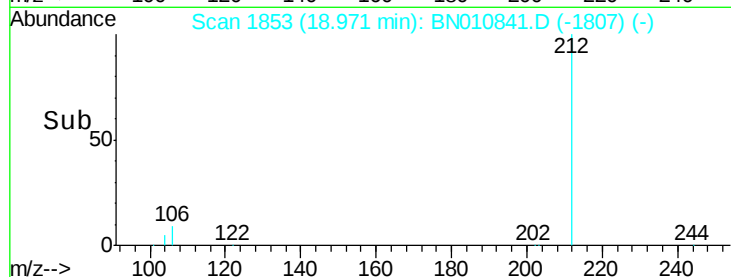
104 6.0 4.0 6.0#



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# 2168

Delta R.T. 0.01 min

Lab File: BN010841.D

Acq: 12 Jun 2020 09:51

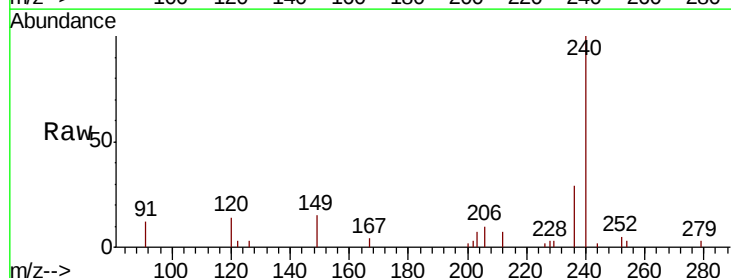
Tgt Ion:240 Resp: 9955

Ion Ratio Lower Upper

240 100

120 14.4 7.5 11.3#

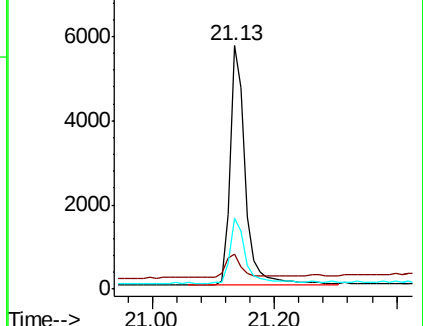
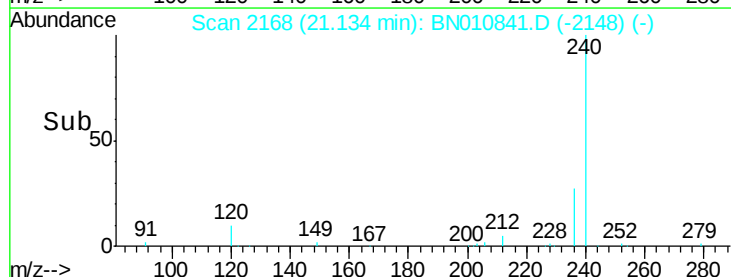
236 29.2 22.3 33.5

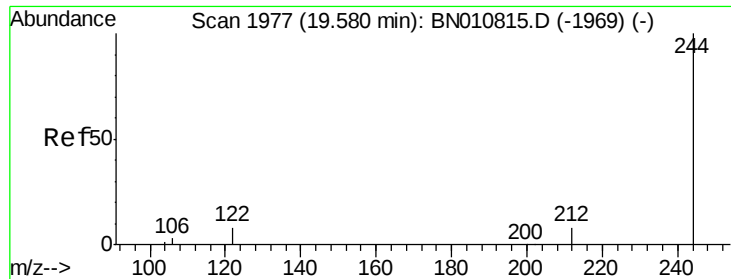


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.434 ng

RT: 19.58 min Scan# 1976

Delta R.T. 0.02 min

Lab File: BN010841.D

Acq: 12 Jun 2020 09:51

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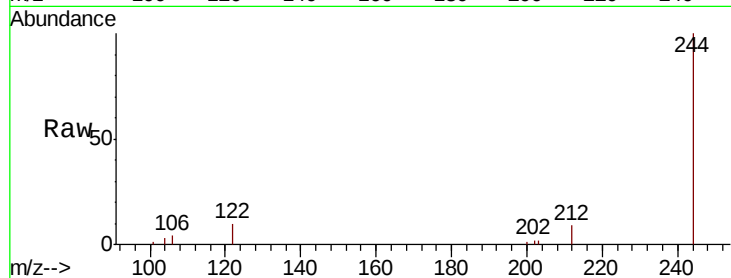
Tot Ion:244 Resp: 10120

Ion Ratio Lower Upper

244 100

212 8.8 7.4 11.2

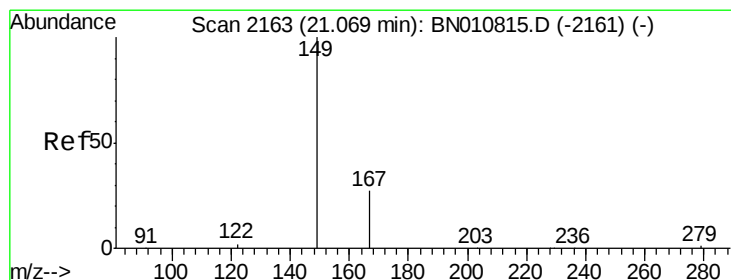
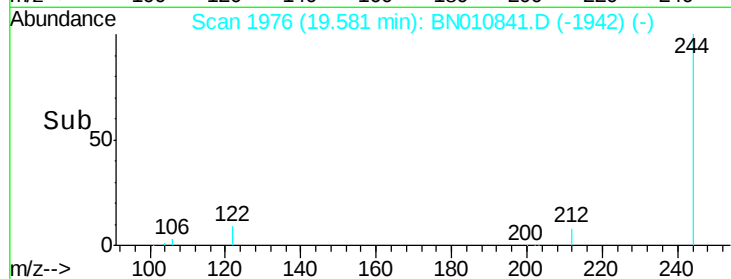
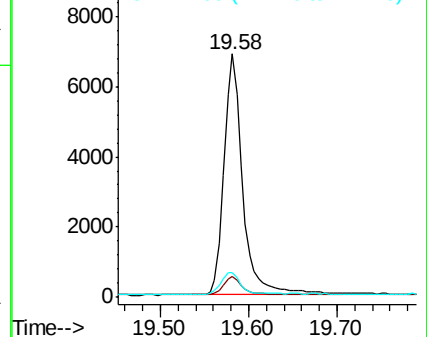
122 10.1 7.5 11.3



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: 0.043 ng

RT: 21.08 min Scan# 2163

Delta R.T. 0.02 min

Lab File: BN010841.D

Acq: 12 Jun 2020 09:51

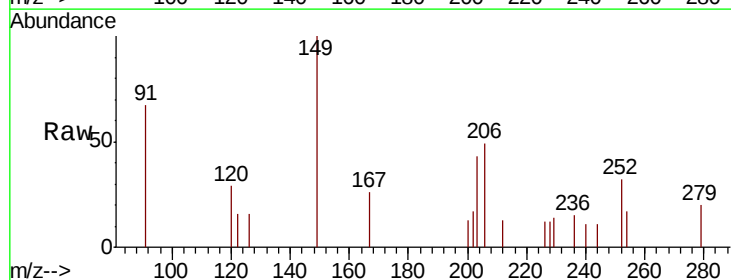
Tgt Ion:149 Resp: 422

Ion Ratio Lower Upper

149 100

167 25.4 24.1 36.1

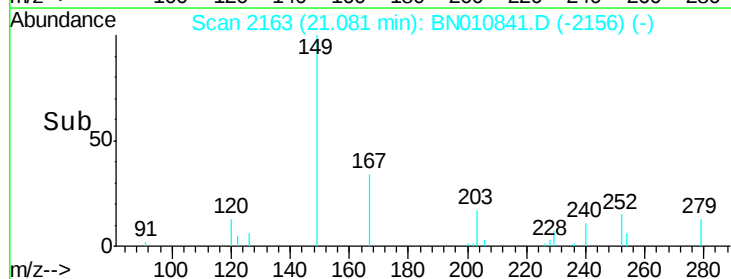
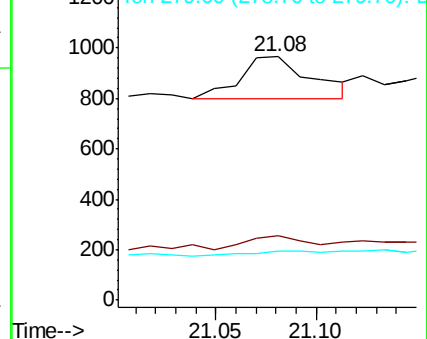
279 12.3 4.6 7.0#

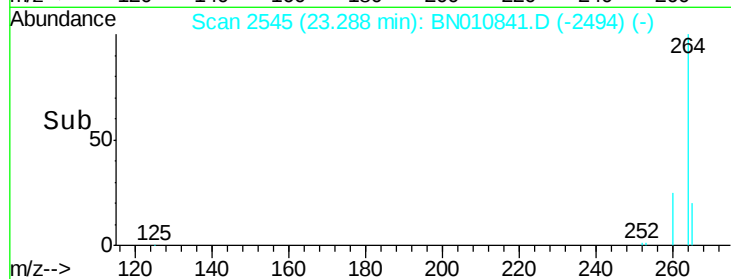
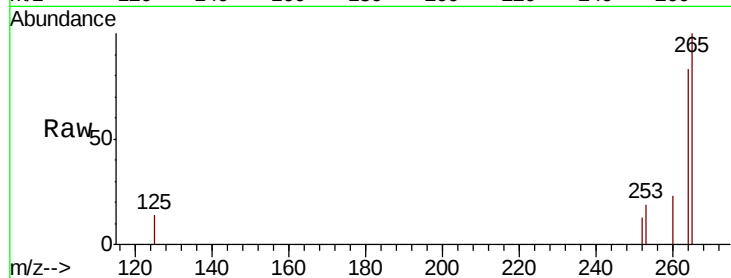


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.29 min Scan# 2545

Delta R.T. 0.03 min

Lab File: BN010841.D

Acq: 12 Jun 2020 09:51

Instrument :

BNA_N

ClientSampleId :

PB129499BL

Tot Ion:264 Resp: 7997

Ion Ratio Lower Upper

264 100

260 27.3 20.4 30.6

265 120.2 75.0 112.4#

