

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061220\
 Data File : BN010862.D
 Acq On : 13 Jun 2020 03:19
 Operator : CG/JU
 Sample : L2988-21
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE131D2-20200609

Quant Time: Jun 23 20:01:25 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

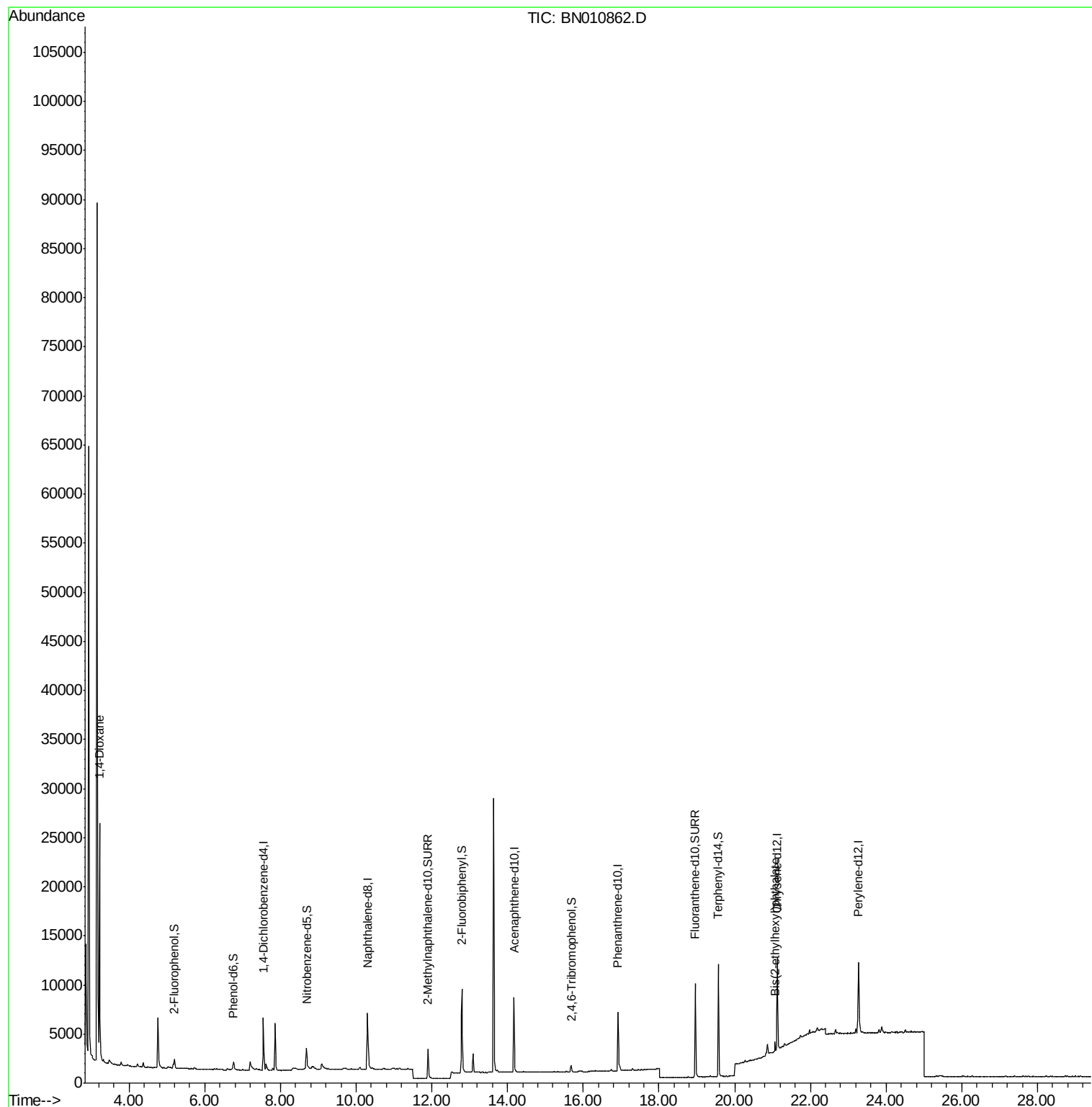
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	2518	0.40	ng	0.02
7) Naphthalene-d8	10.30	136	8908	0.40	ng	0.03
13) Acenaphthene-d10	14.18	164	4981	0.40	ng	0.03
19) Phenanthrene-d10	16.92	188	9950	0.40	ng	0.00
27) Chrysene-d12	21.12	240	9758	0.40	ng	0.00
34) Perylene-d12	23.27	264	10640	0.40	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	888	0.18	ng	0.02
5) Phenol-d6	6.75	99	641	0.11	ng	0.02
8) Nitrobenzene-d5	8.69	82	2653	0.40	ng	0.03
11) 2-Methylnaphthalene-d10	11.90	152	4819	0.35	ng	0.02
14) 2,4,6-Tribromophenol	15.68	330	612	0.34	ng	0.02
15) 2-Fluorobiphenyl	12.79	172	8289	0.42	ng	0.02
25) Fluoranthene-d10	18.96	212	11878	0.43	ng	0.02
29) Terphenyl-d14	19.57	244	11688	0.51	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.22	88	20111	8.154	ng	97
32) Bis(2-ethylhexyl)phthalate	21.07	149	1064	0.111	ng	96

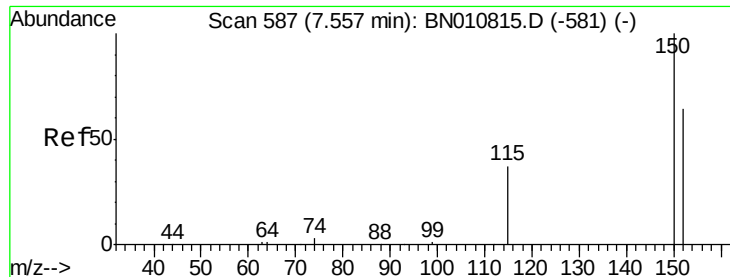
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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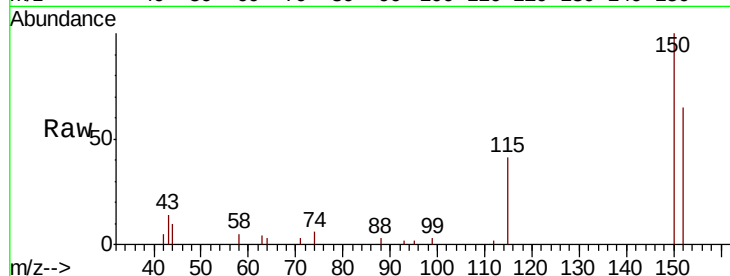


#1

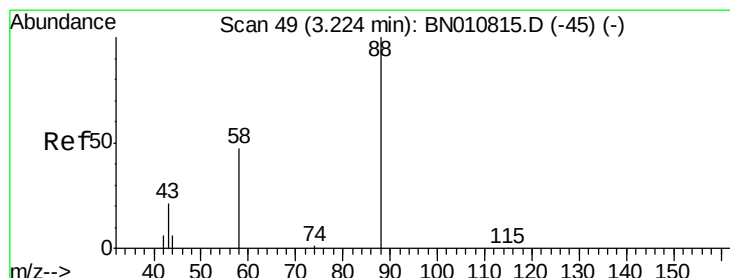
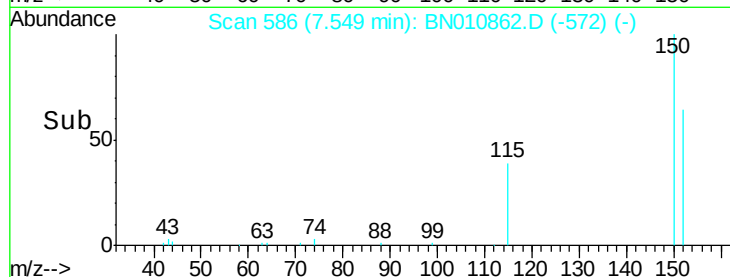
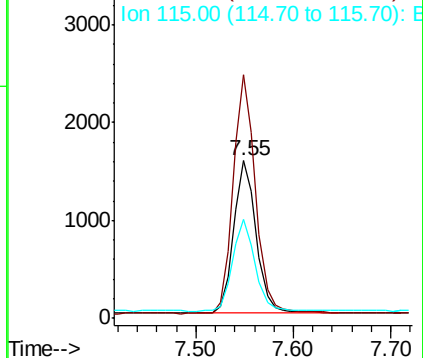
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.55 min Scan# 586
Delta R.T. 0.02 min
Lab File: BN010862.D
Acq: 13 Jun 2020 03:19

Instrument :
BNA_N
ClientSampleId :
RE131D2-20200609

Tot Ion:152 Resp: 2518
Ion Ratio Lower Upper
152 100
150 154.4 123.8 185.6
115 62.9 49.2 73.8



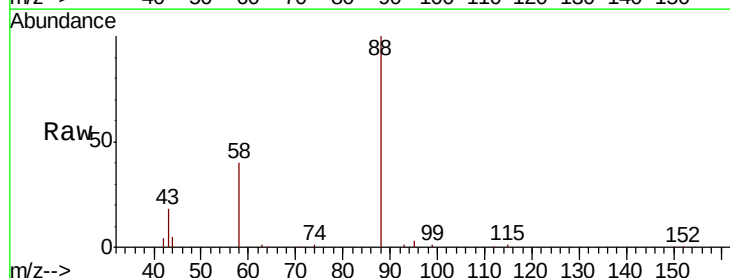
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



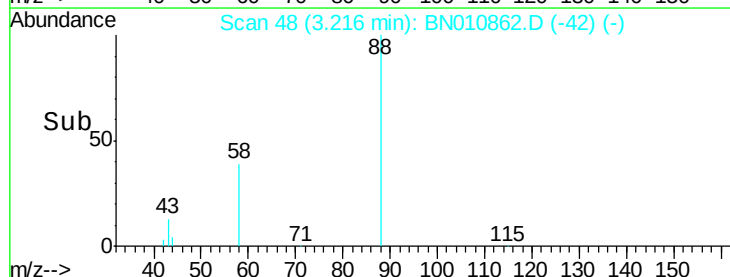
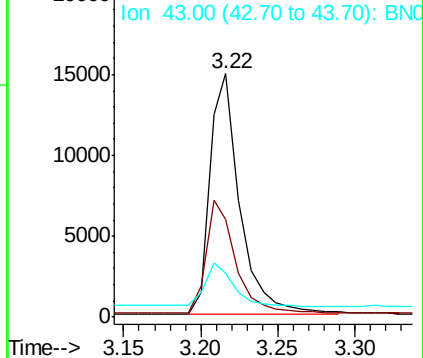
#2

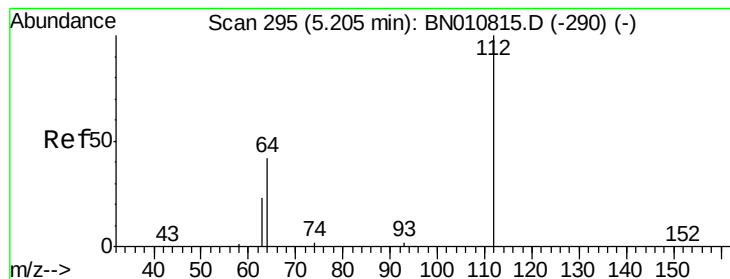
1,4-Dioxane
Concen: 8.154 ng
RT: 3.22 min Scan# 48
Delta R.T. 0.00 min
Lab File: BN010862.D
Acq: 13 Jun 2020 03:19

Tgt Ion: 88 Resp: 20111
Ion Ratio Lower Upper
88 100
58 45.6 38.2 57.4
43 17.2 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





#4

2-Fluorophenol

Concen: 0.183 ng

RT: 5.21 min Scan# 295

Delta R.T. 0.02 min

Lab File: BN010862.D

Acq: 13 Jun 2020 03:19

Instrument :

BNA_N

ClientSampleId :

RE131D2-20200609

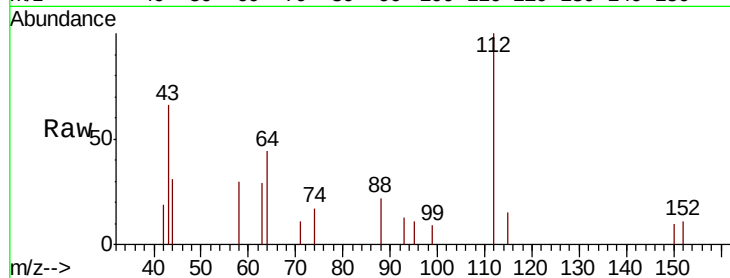
Tot Ion:112 Resp: 888

Ion Ratio Lower Upper

112 100

64 46.4 37.4 56.0

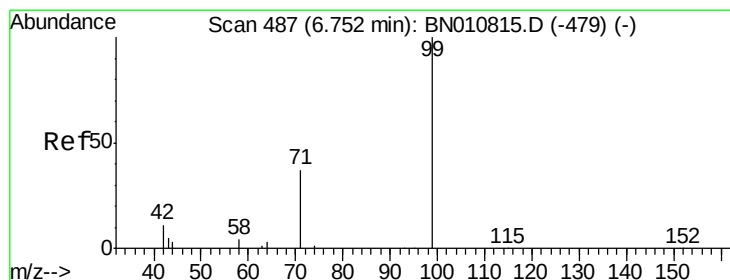
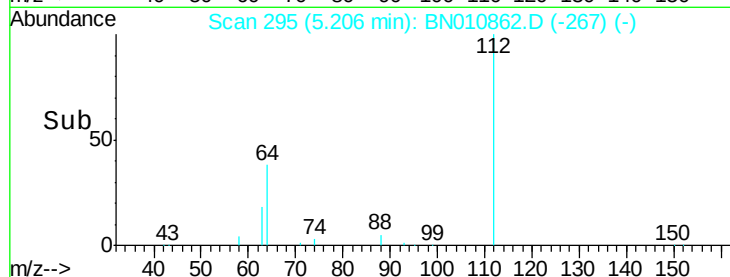
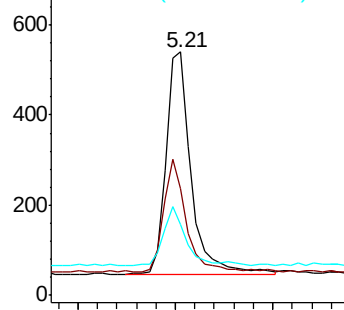
63 24.2 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNO

Ion 63.00 (62.70 to 63.70): BNO



#5

Phenol-d6

Concen: 0.112 ng

RT: 6.75 min Scan# 487

Delta R.T. 0.02 min

Lab File: BN010862.D

Acq: 13 Jun 2020 03:19

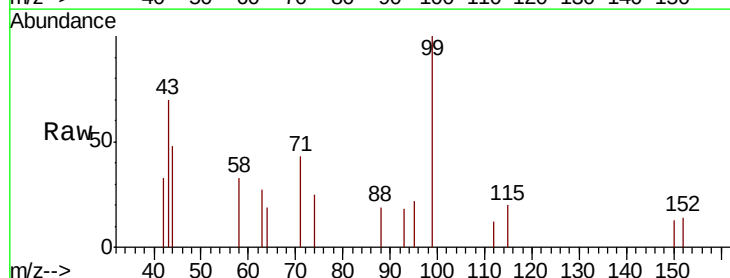
Tgt Ion: 99 Resp: 641

Ion Ratio Lower Upper

99 100

42 25.3 11.1 16.7#

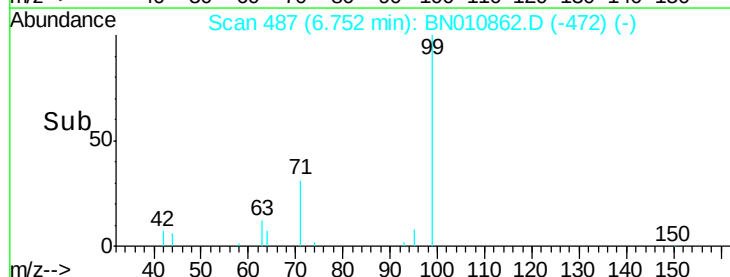
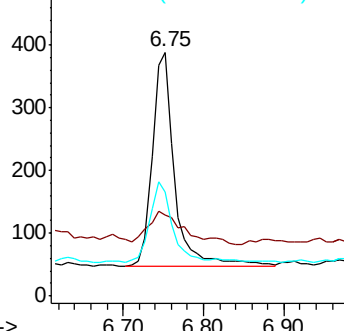
71 37.9 31.4 47.2

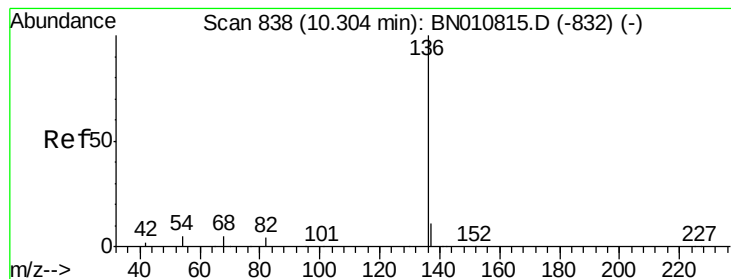


Abundance Ion 99.00 (98.70 to 99.70): BNO

Ion 42.00 (41.70 to 42.70): BNO

Ion 71.00 (70.70 to 71.70): BNO





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.30 min Scan# 838

Delta R.T. 0.03 min

Lab File: BN010862.D

Acq: 13 Jun 2020 03:19

Instrument :

BNA_N

ClientSampleId :

RE131D2-20200609

Tot Ion:136 Resp: 8908

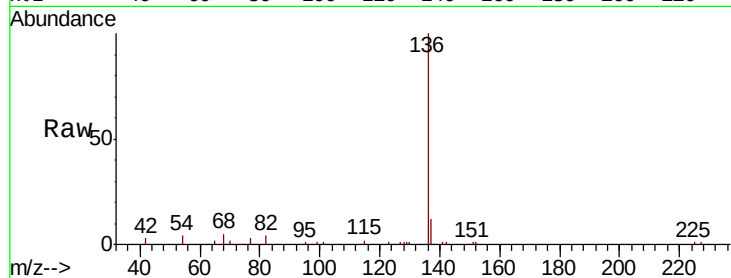
Ion Ratio Lower Upper

136 100

137 11.7 9.7 14.5

54 4.4 4.9 7.3#

68 4.7 4.7 7.1#

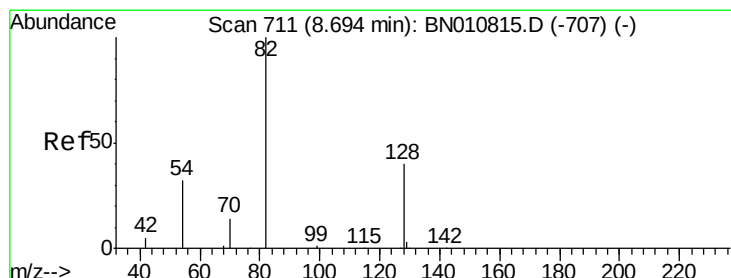
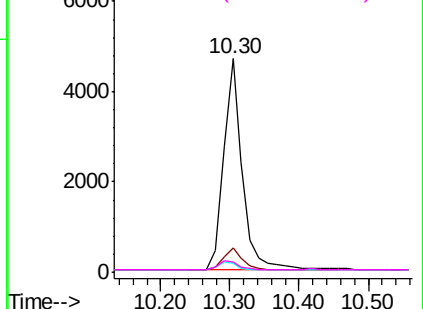
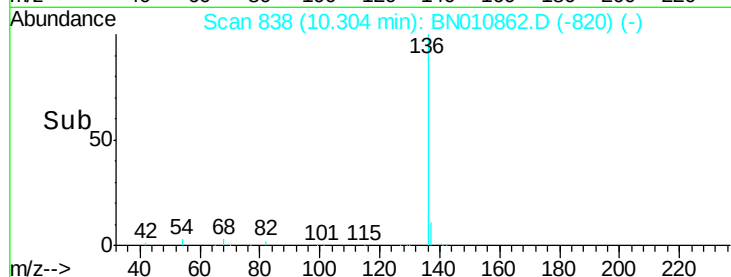


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.402 ng

RT: 8.69 min Scan# 711

Delta R.T. 0.03 min

Lab File: BN010862.D

Acq: 13 Jun 2020 03:19

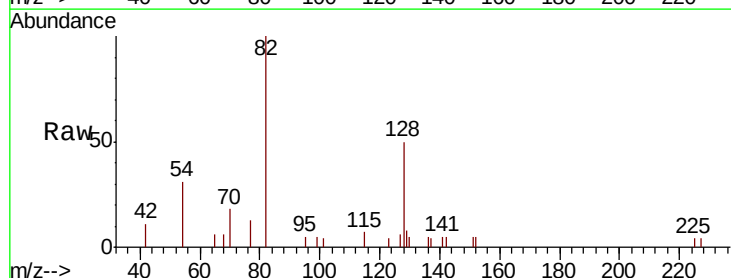
Tgt Ion: 82 Resp: 2653

Ion Ratio Lower Upper

82 100

128 49.8 35.4 53.0

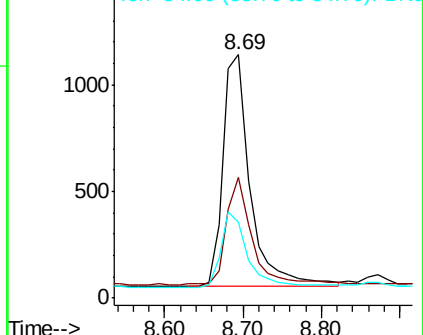
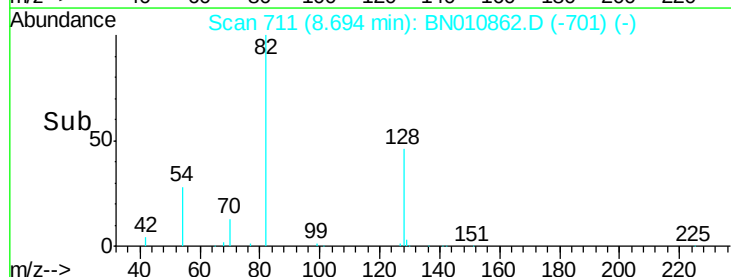
54 31.1 28.2 42.4

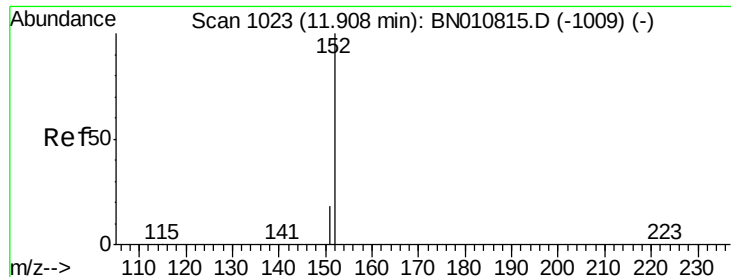


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

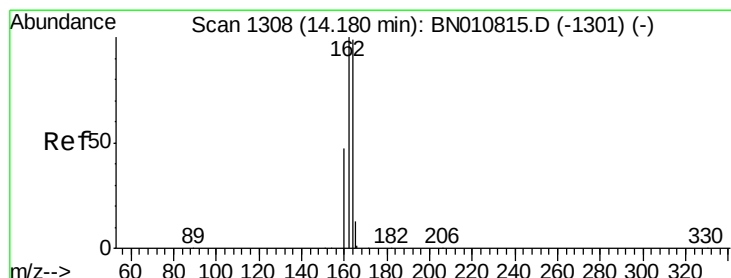
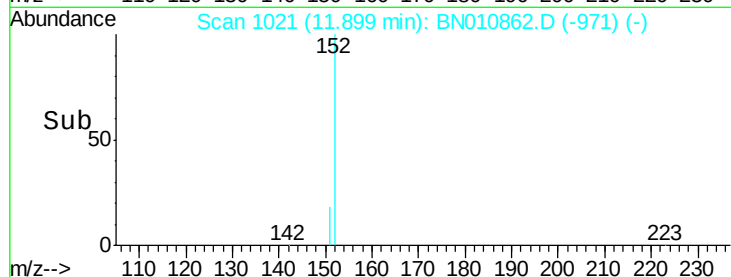
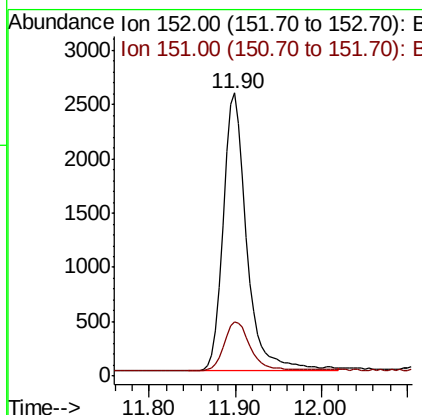
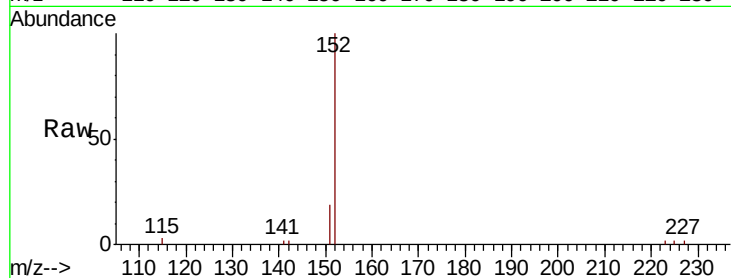




#11
2-Methylnaphthalene-d10
Concen: 0.349 ng
RT: 11.90 min Scan# 1021
Delta R.T. 0.02 min
Lab File: BN010862.D
Acq: 13 Jun 2020 03:19

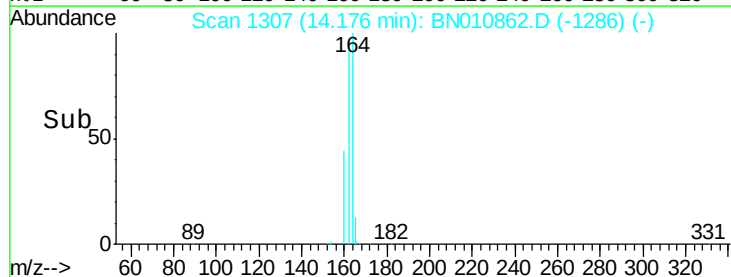
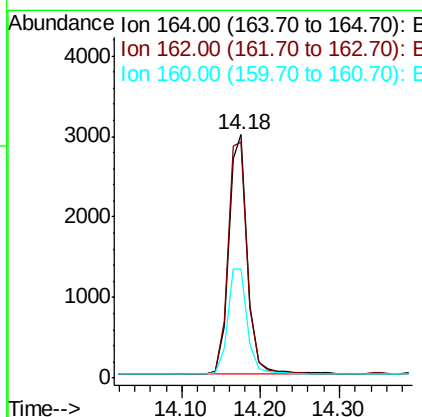
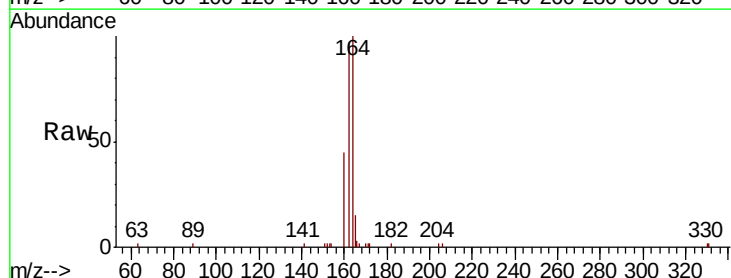
Instrument :
BNA_N
ClientSampleId :
RE131D2-20200609

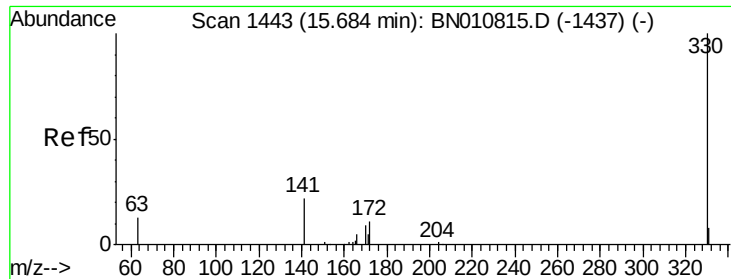
Tot Ion:152 Resp: 4819
Ion Ratio Lower Upper
152 100
151 19.8 15.3 22.9



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.18 min Scan# 1307
Delta R.T. 0.03 min
Lab File: BN010862.D
Acq: 13 Jun 2020 03:19

Tgt Ion:164 Resp: 4981
Ion Ratio Lower Upper
164 100
162 97.0 81.0 121.6
160 44.9 38.9 58.3

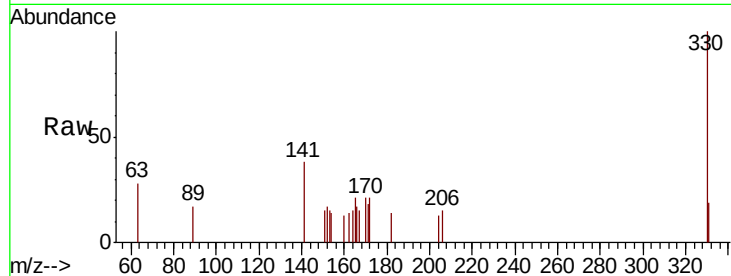




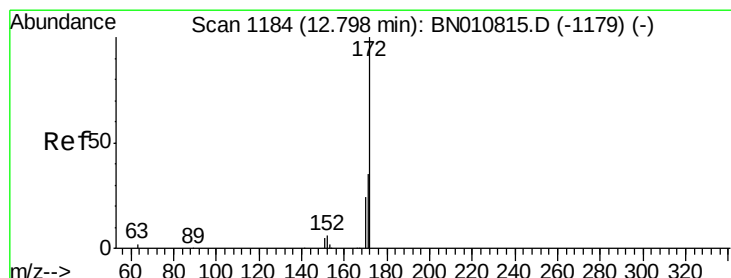
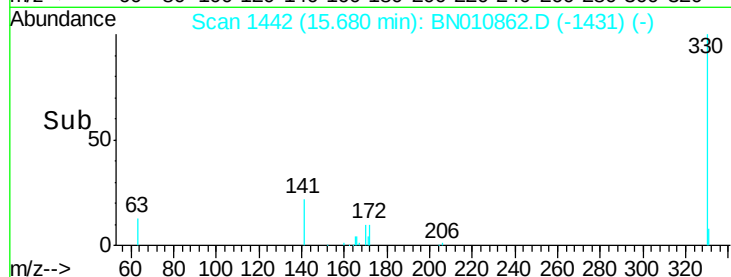
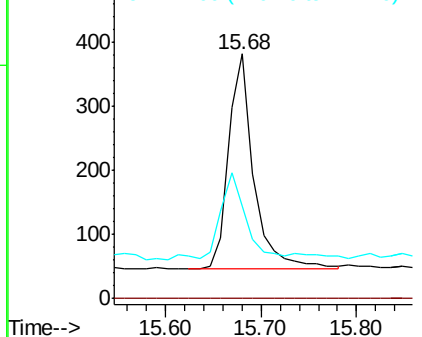
#14
 2,4,6-Tribromophenol
 Concen: 0.344 ng
 RT: 15.68 min Scan# 1442
 Delta R.T. 0.02 min
 Lab File: BN010862.D
 Acq: 13 Jun 2020 03:19

Instrument :
 BNA_N
 ClientSampleId :
 RE131D2-20200609

Tot Ion:330 Resp: 612
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 35.1 33.2 49.8

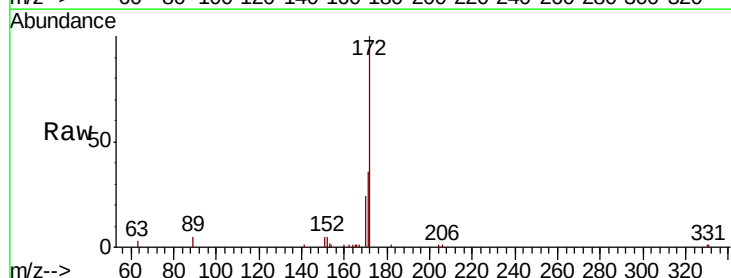


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

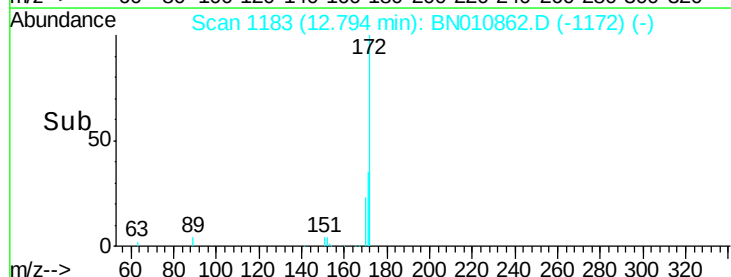
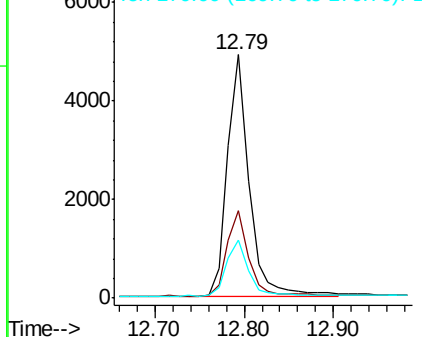


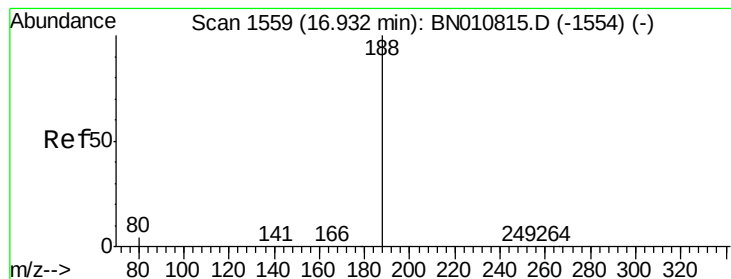
#15
 2-Fluorobiphenyl
 Concen: 0.422 ng
 RT: 12.79 min Scan# 1183
 Delta R.T. 0.02 min
 Lab File: BN010862.D
 Acq: 13 Jun 2020 03:19

Tgt Ion:172 Resp: 8289
 Ion Ratio Lower Upper
 172 100
 171 35.8 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# 1557

Delta R.T. 0.01 min

Lab File: BN010862.D

Acq: 13 Jun 2020 03:19

Instrument :

BNA_N

ClientSampleId :

RE131D2-20200609

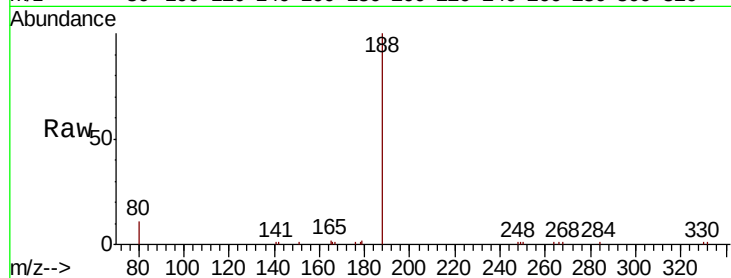
Tot Ion:188 Resp: 9950

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

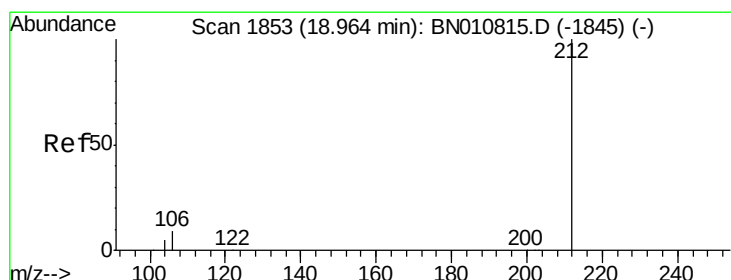
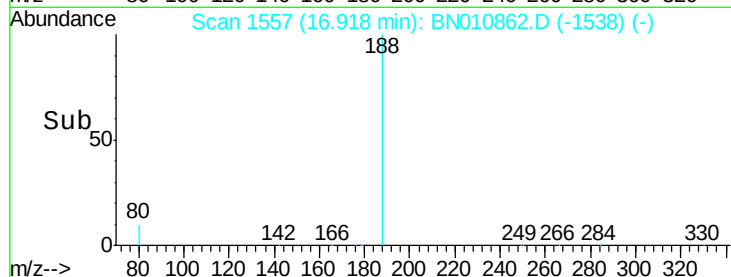
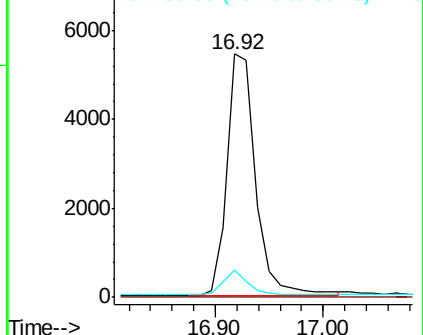
80 11.1 4.5 6.7#



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



#25

Fluoranthene-d10

Concen: 0.433 ng

RT: 18.96 min Scan# 1851

Delta R.T. 0.02 min

Lab File: BN010862.D

Acq: 13 Jun 2020 03:19

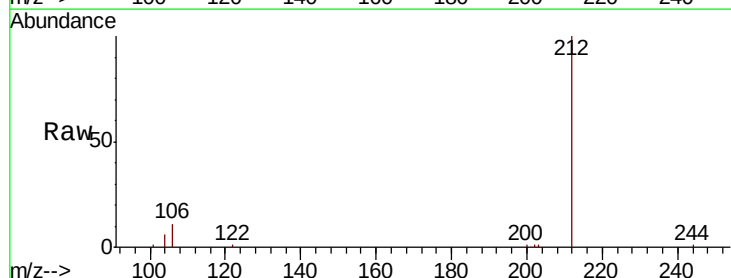
Tgt Ion:212 Resp: 11878

Ion Ratio Lower Upper

212 100

106 10.1 6.6 10.0#

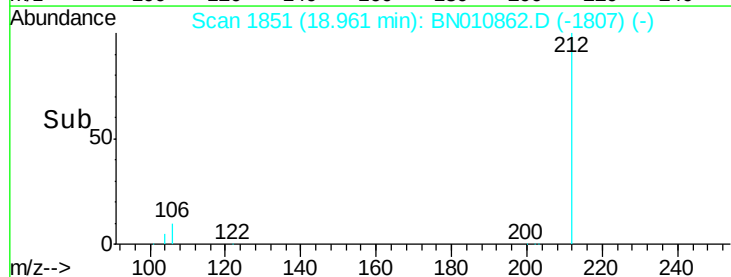
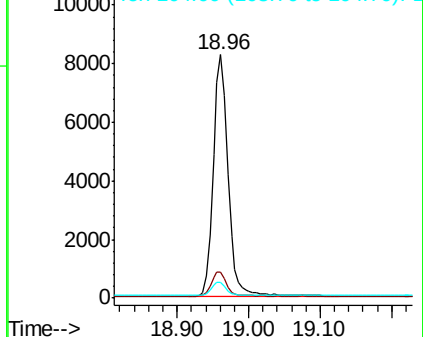
104 5.9 4.0 6.0

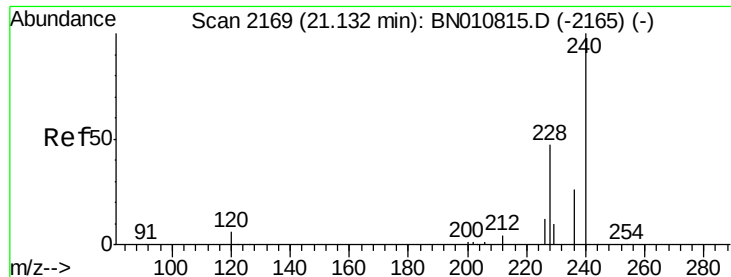


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.12 min Scan# 2167

Delta R.T. 0.00 min

Lab File: BN010862.D

Acq: 13 Jun 2020 03:19

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RE131D2-20200609

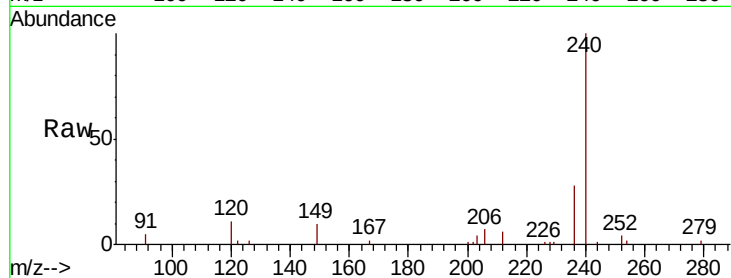
Tot Ion:240 Resp: 9758

Ion Ratio Lower Upper

240 100

120 11.4 7.5 11.3#

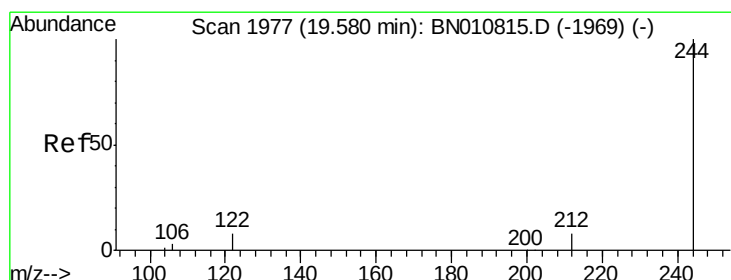
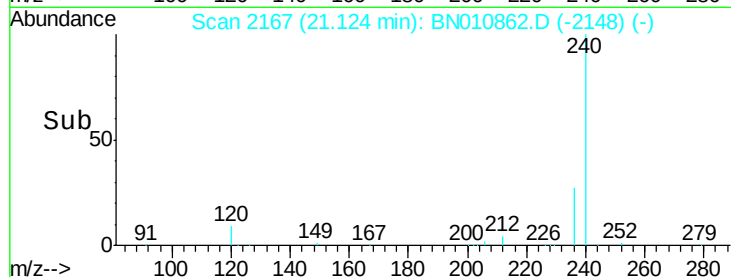
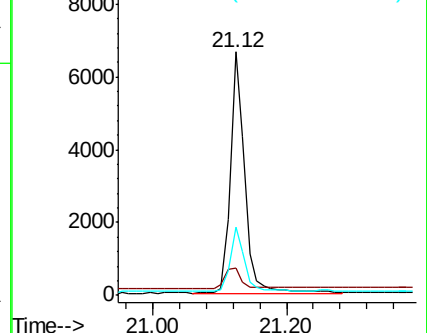
236 28.1 22.3 33.5



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: 0.512 ng

RT: 19.57 min Scan# 1974

Delta R.T. 0.01 min

Lab File: BN010862.D

Acq: 13 Jun 2020 03:19

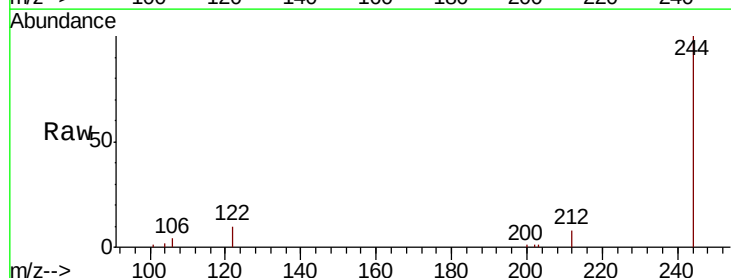
Tgt Ion:244 Resp: 11688

Ion Ratio Lower Upper

244 100

212 8.3 7.4 11.2

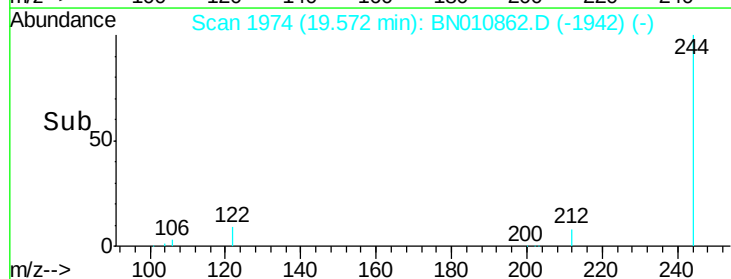
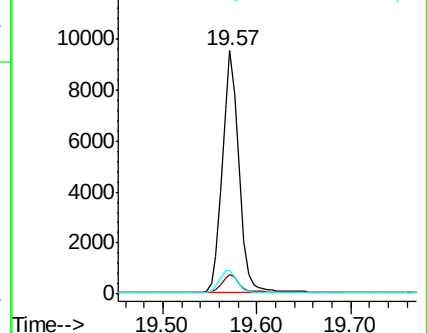
122 9.8 7.5 11.3

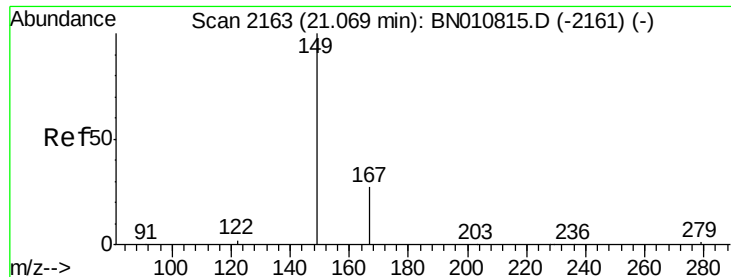


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.111 ng

RT: 21.07 min Scan# 2162

Delta R.T. 0.01 min

Lab File: BN010862.D

Acq: 13 Jun 2020 03:19

Instrument :

BNA_N

ClientSampleId :

RE131D2-20200609

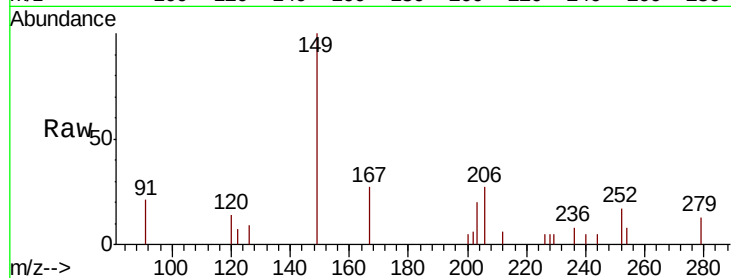
Tot Ion:149 Resp: 1064

Ion Ratio Lower Upper

149 100

167 27.8 24.1 36.1

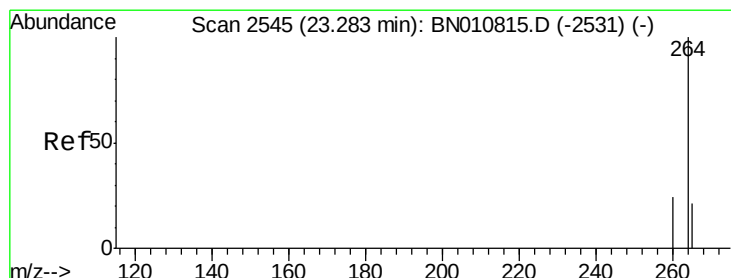
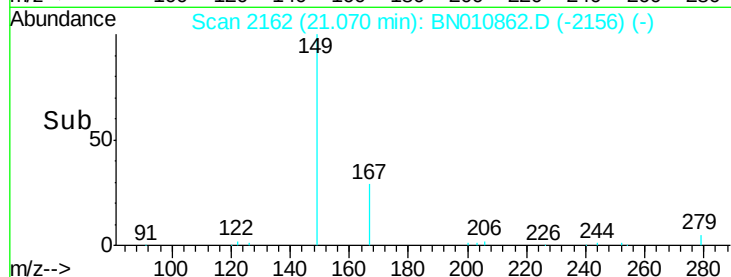
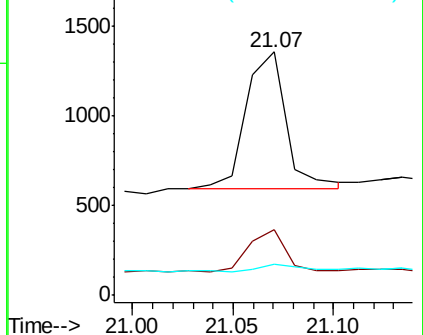
279 4.9 4.6 7.0



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

Perylene-d12

Concen: 0.400 ng

RT: 23.27 min Scan# 2541

Delta R.T. 0.01 min

Lab File: BN010862.D

Acq: 13 Jun 2020 03:19

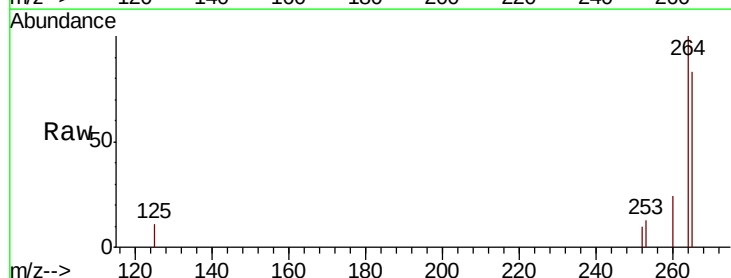
Tgt Ion:264 Resp: 10640

Ion Ratio Lower Upper

264 100

260 24.3 20.4 30.6

265 83.4 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

