

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061220\
 Data File : BN010843.D
 Acq On : 12 Jun 2020 12:08
 Operator : CG/JU
 Sample : L2988-10
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE108D2-20200608

Quant Time: Jun 12 12:48:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 12 11:11:17 2020
 Response via : Initial Calibration

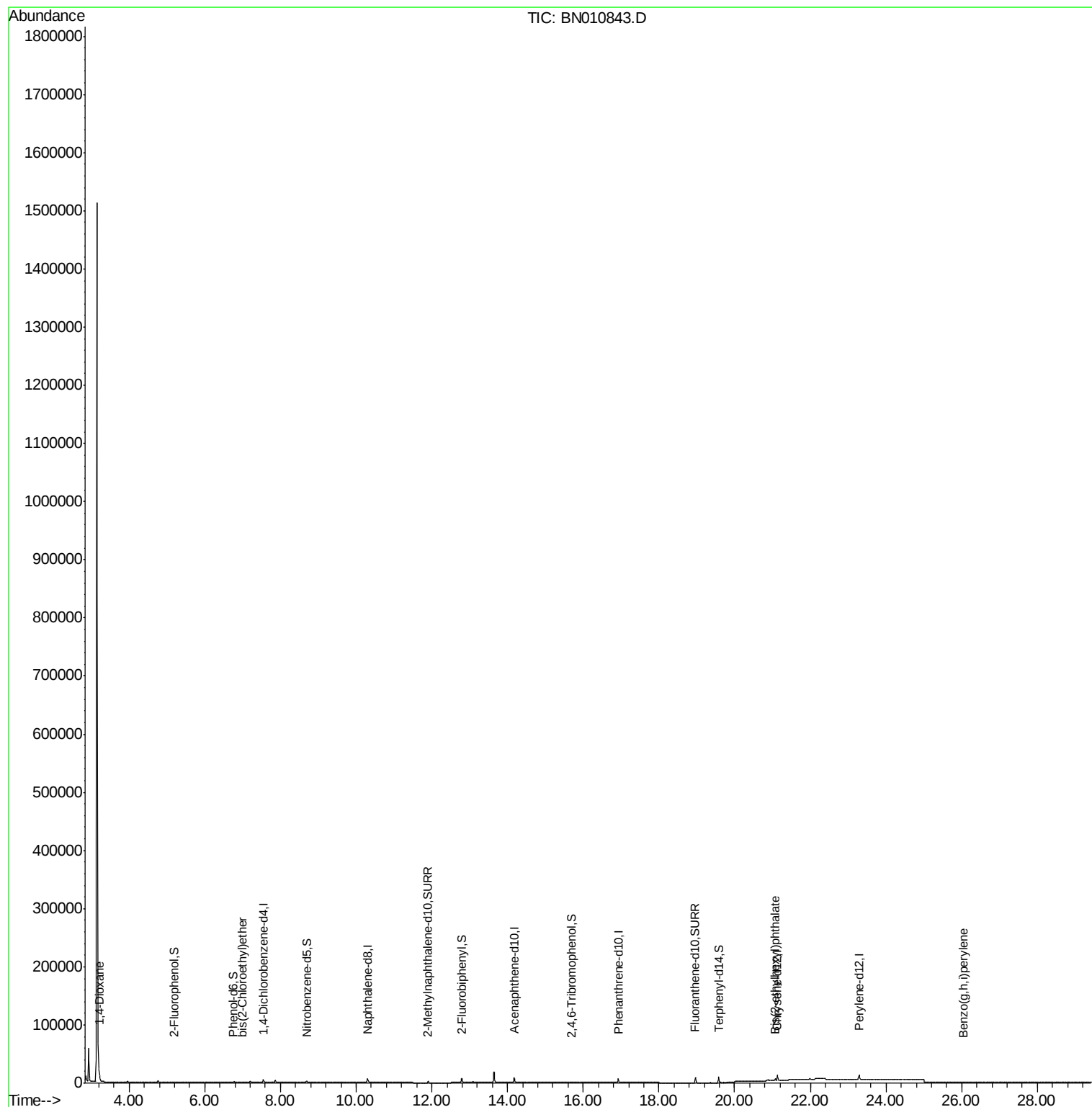
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	2531	0.40	ng	0.00
7) Naphthalene-d8	10.30	136	9183	0.40	ng	0.00
13) Acenaphthene-d10	14.17	164	5136	0.40	ng	-0.01
19) Phenanthrene-d10	16.92	188	10389	0.40	ng	0.00
27) Chrysene-d12	21.13	240	10312	0.40	ng	0.00
34) Perylene-d12	23.29	264	11203	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	755	0.15	ng	0.00
5) Phenol-d6	6.75	99	492	0.09	ng	0.00
8) Nitrobenzene-d5	8.69	82	2350	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	11.90	152	4291	0.30	ng	0.00
14) 2,4,6-Tribromophenol	15.68	330	640	0.35	ng	0.00
15) 2-Fluorobiphenyl	12.80	172	6806	0.34	ng	0.00
25) Fluoranthene-d10	18.96	212	11393	0.40	ng	0.00
29) Terphenyl-d14	19.58	244	10462	0.43	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.22	88	7476	3.016	ng	97
6) bis(2-Chloroethyl)ether	6.99	93	589	0.105	ng	92
32) Bis(2-ethylhexyl)phthalate	21.08	149	2392	0.237	ng	99
39) Benzo(g,h,i)perylene	26.05	276	1062	0.027	ng	# 43

(#) = 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. -0.01 min

Lab File: BN010843.D

Acq: 12 Jun 2020 12:08

Instrument :

BNA_N

ClientSampleId :

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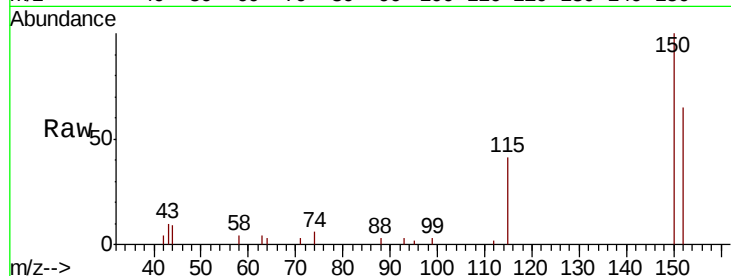
Tot Ion:152 Resp: 2531

Ion Ratio Lower Upper

152 100

150 153.1 123.8 185.6

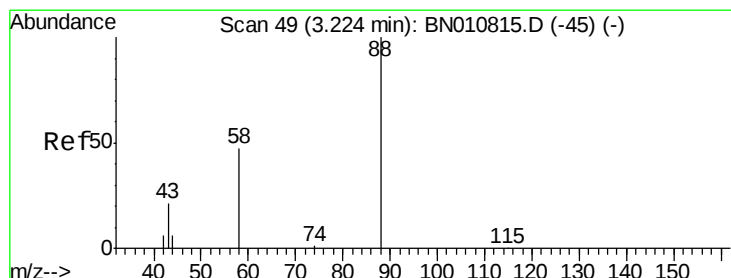
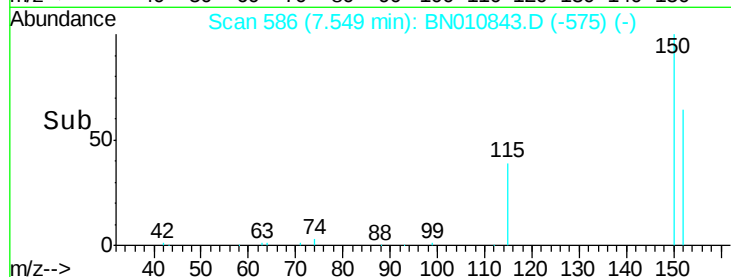
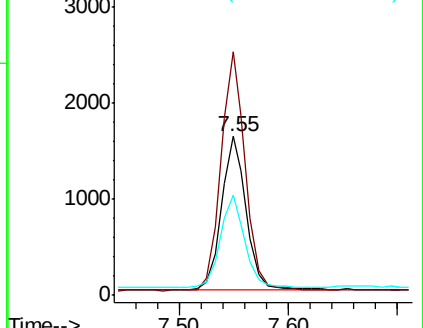
115 63.0 49.2 73.8



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: 3.016 ng

RT: 3.22 min Scan# 48

Delta R.T. -0.01 min

Lab File: BN010843.D

Acq: 12 Jun 2020 12:08

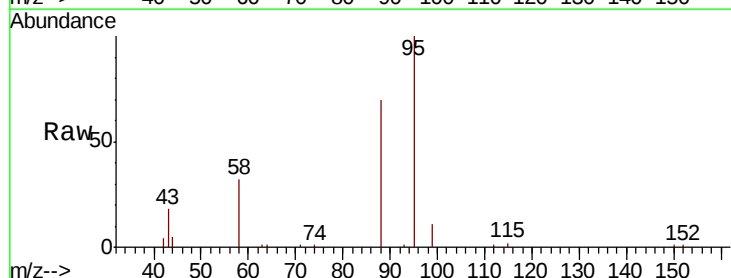
Tgt Ion: 88 Resp: 7476

Ion Ratio Lower Upper

88 100

58 44.8 38.2 57.4

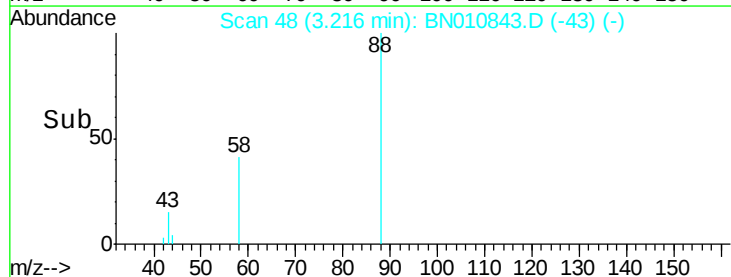
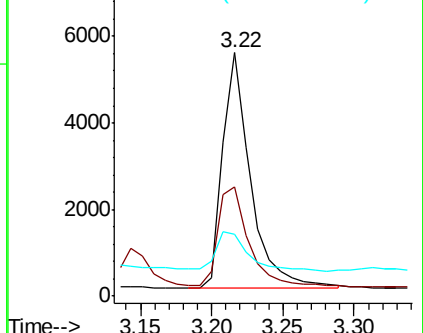
43 18.6 15.1 22.7



Abundance Ion 88.00 (87.70 to 88.70): BNO

Ion 58.00 (57.70 to 58.70): BNO

Ion 43.00 (42.70 to 43.70): BNO





#4

2-Fluorophenol

Concen: 0.155 ng

RT: 5.21 min Scan# 295

Delta R.T. -0.00 min

Lab File: BN010843.D

Acq: 12 Jun 2020 12:08

Instrument :

BNA_N

ClientSampleId :

RE108D2-20200608

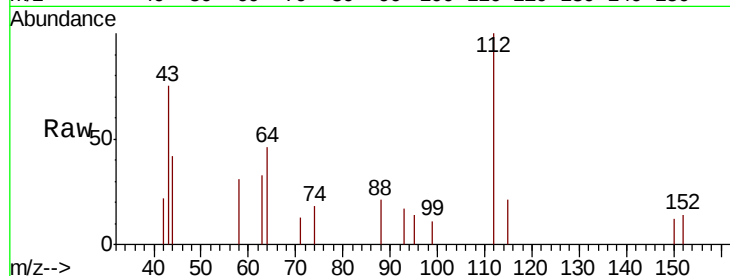
Tot Ion: 112 Resp: 755

Ion Ratio Lower Upper

112 100

64 42.8 37.4 56.0

63 23.3 22.2 33.4

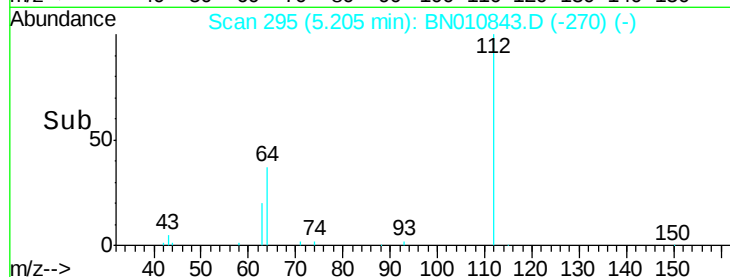


Abundance Ion 112.00 (111.70 to 112.70): B

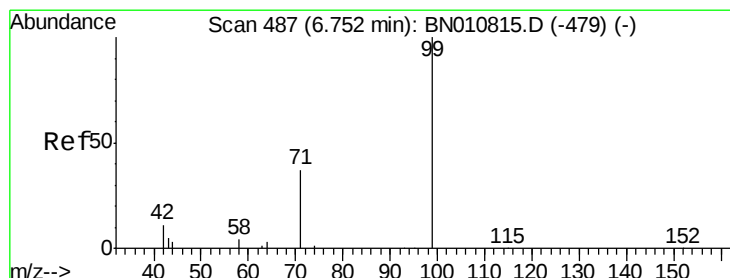
Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B

5.21



Time-->



#5

Phenol-d6

Concen: 0.085 ng

RT: 6.75 min Scan# 487

Delta R.T. -0.00 min

Lab File: BN010843.D

Acq: 12 Jun 2020 12:08

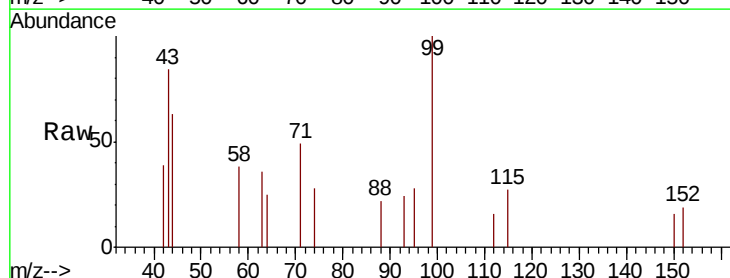
Tgt Ion: 99 Resp: 492

Ion Ratio Lower Upper

99 100

42 0.0 11.1 16.7#

71 46.3 31.4 47.2

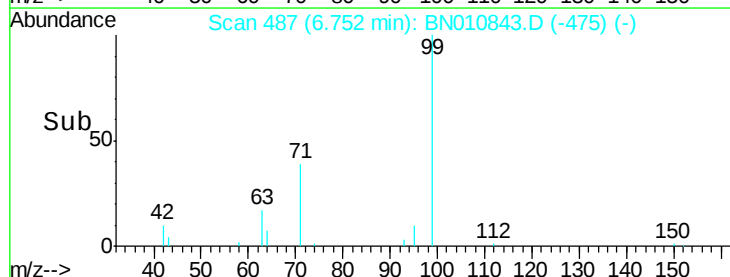


Abundance Ion 99.00 (98.70 to 99.70): B

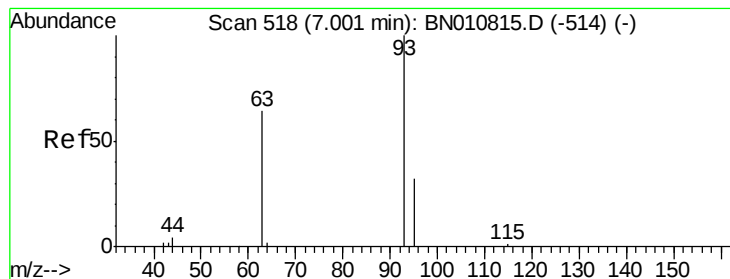
Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B

6.75



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.105 ng

RT: 6.99 min Scan# 517

Delta R.T. -0.01 min

Lab File: BN010843.D

Acq: 12 Jun 2020 12:08

Instrument :

BNA_N

ClientSampleId :

RE108D2-20200608

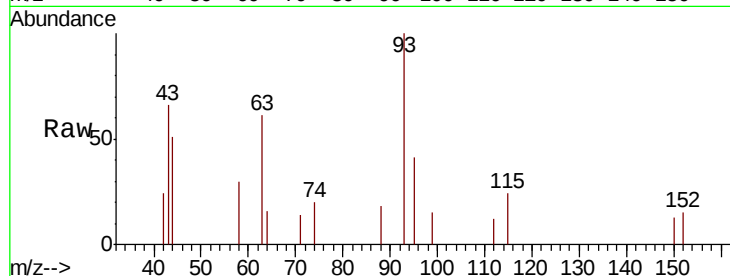
Tot Ion: 93 Resp: 589

Ion Ratio Lower Upper

93 100

63 53.7 49.4 74.2

95 31.7 26.7 40.1

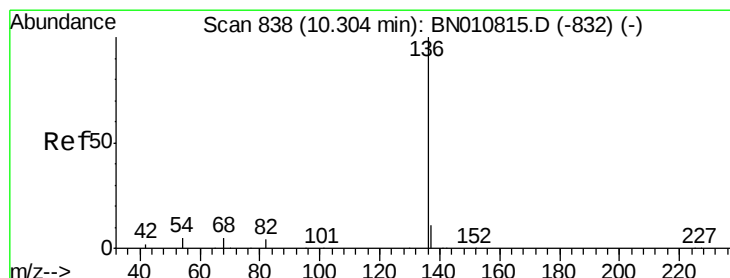
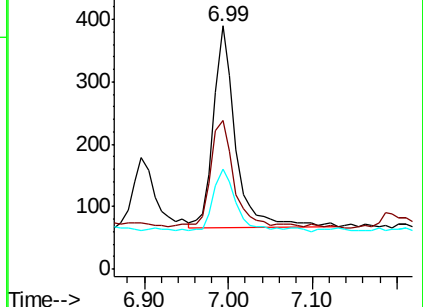
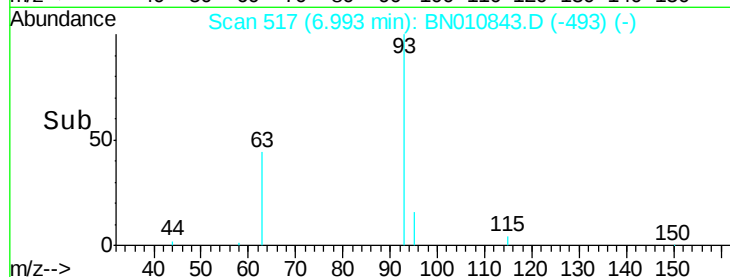


Abundance Ion 93.00 (92.70 to 93.70): BN010815.D (-514) (-)

Ion 63.00 (62.70 to 63.70): BN010815.D (-514) (-)

Ion 95.00 (94.70 to 95.70): BN010815.D (-514) (-)

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.30 min Scan# 838

Delta R.T. -0.00 min

Lab File: BN010843.D

Acq: 12 Jun 2020 12:08

Tgt Ion: 136 Resp: 9183

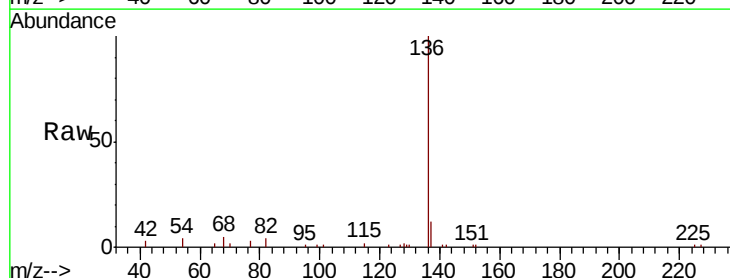
Ion Ratio Lower Upper

136 100

137 12.0 9.7 14.5

54 4.4 4.9 7.3#

68 5.4 4.7 7.1



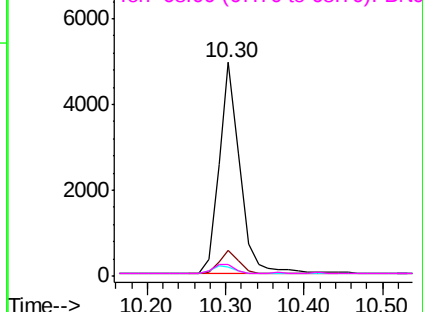
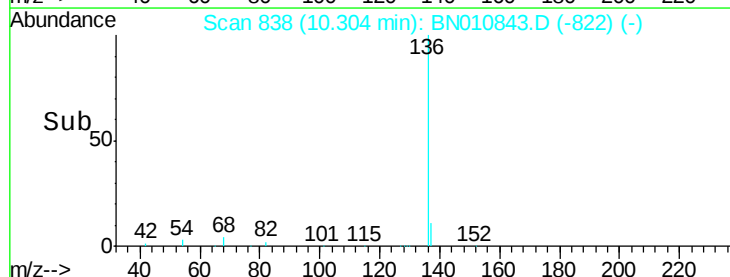
Abundance Ion 136.00 (135.70 to 136.70): BN010815.D (-832) (-)

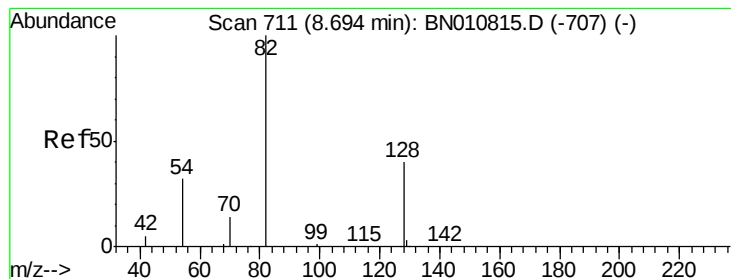
Ion 137.00 (136.70 to 137.70): BN010815.D (-832) (-)

Ion 54.00 (53.70 to 54.70): BN010815.D (-832) (-)

Ion 68.00 (67.70 to 68.70): BN010815.D (-832) (-)

Time-->





#8

Nitrobenzene-d5

Concen: 0.346 ng

RT: 8.69 min Scan# 711

Delta R.T. -0.00 min

Lab File: BN010843.D

Acq: 12 Jun 2020 12:08

Instrument :

BNA_N

ClientSampleId :

RE108D2-20200608

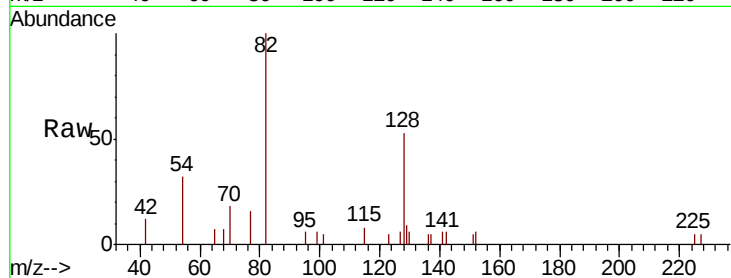
Tot Ion: 82 Resp: 2350

Ion Ratio Lower Upper

82 100

128 53.4 35.4 53.0#

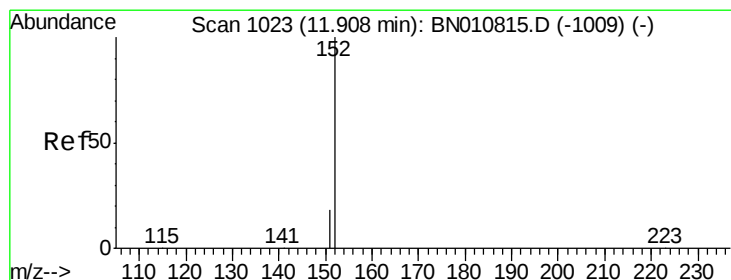
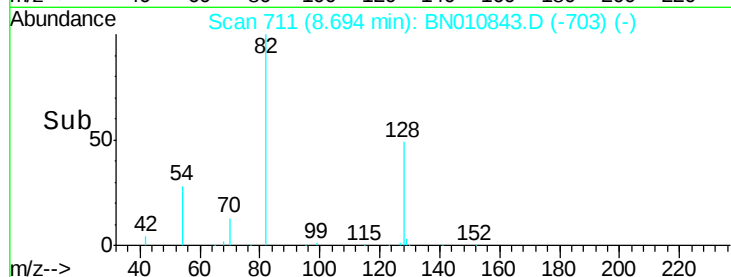
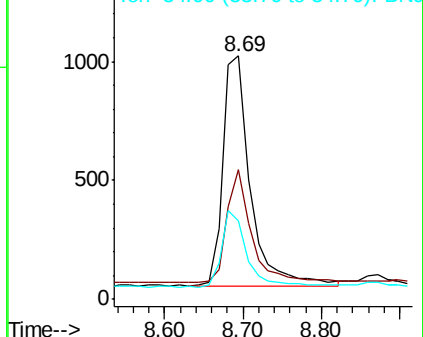
54 32.0 28.2 42.4



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) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.301 ng

RT: 11.90 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BN010843.D

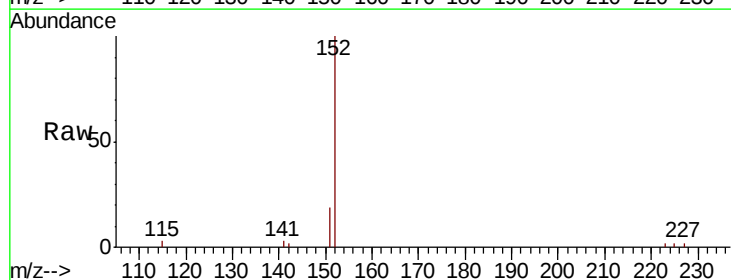
Acq: 12 Jun 2020 12:08

Tgt Ion: 152 Resp: 4291

Ion Ratio Lower Upper

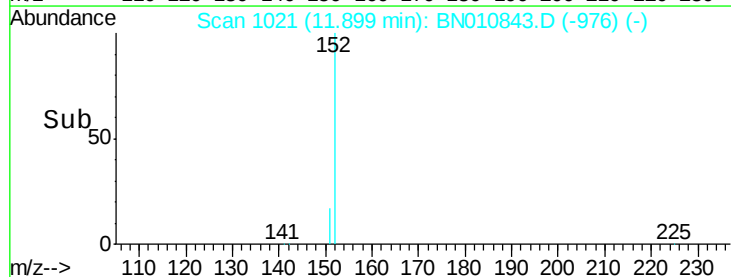
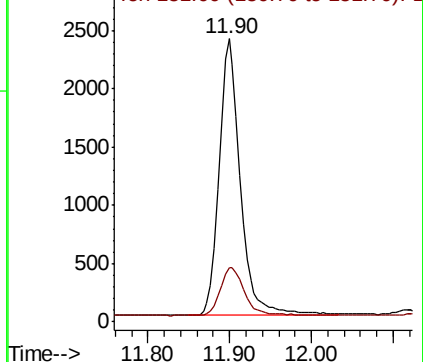
152 100

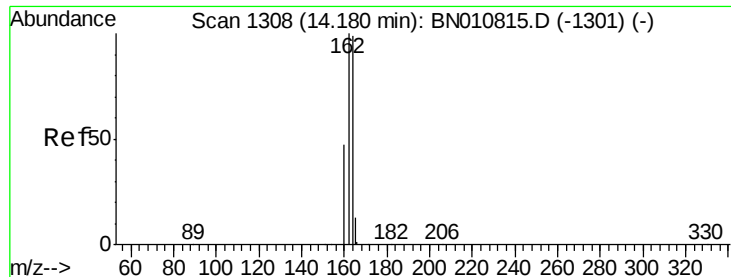
151 20.0 15.3 22.9



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

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





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.17 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BN010843.D

Acq: 12 Jun 2020 12:08

Instrument :

BNA_N

ClientSampleId :

RE108D2-20200608

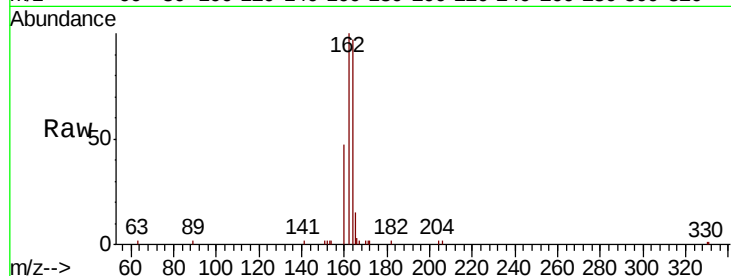
Tot Ion:164 Resp: 5136

Ion Ratio Lower Upper

164 100

162 103.1 81.0 121.6

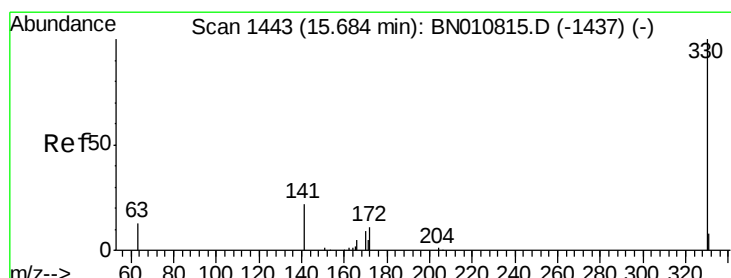
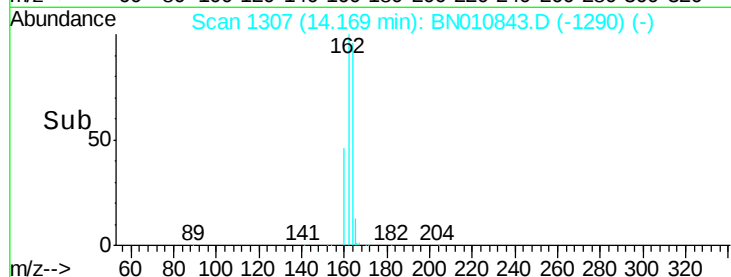
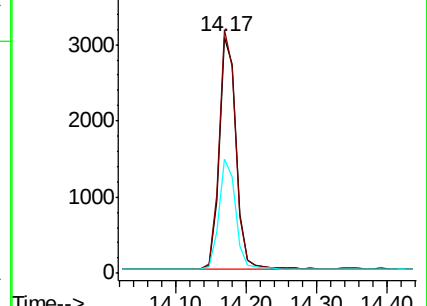
160 48.6 38.9 58.3



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: 0.348 ng

RT: 15.68 min Scan# 1443

Delta R.T. -0.00 min

Lab File: BN010843.D

Acq: 12 Jun 2020 12:08

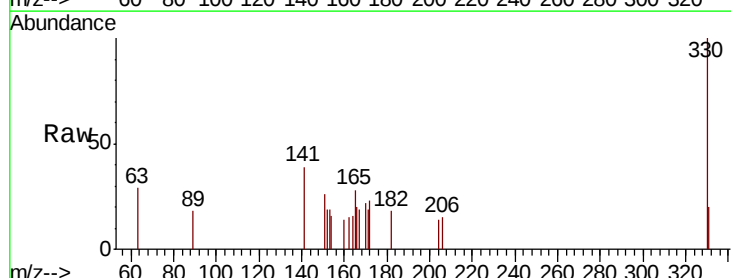
Tgt Ion:330 Resp: 640

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

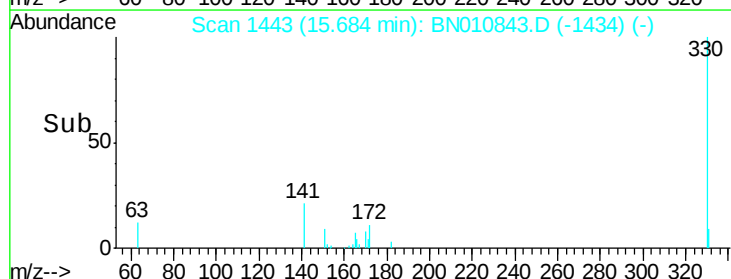
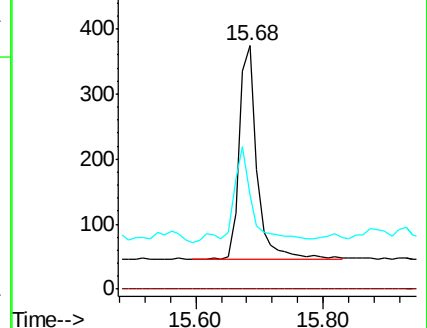
141 48.9 33.2 49.8

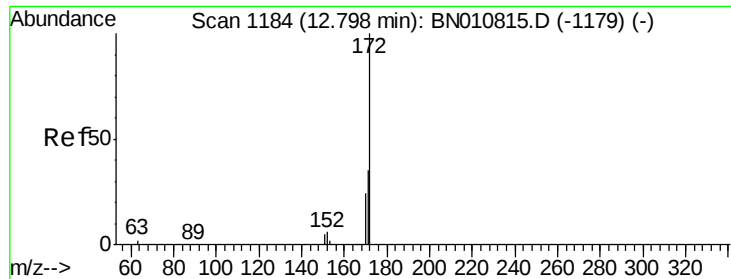


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

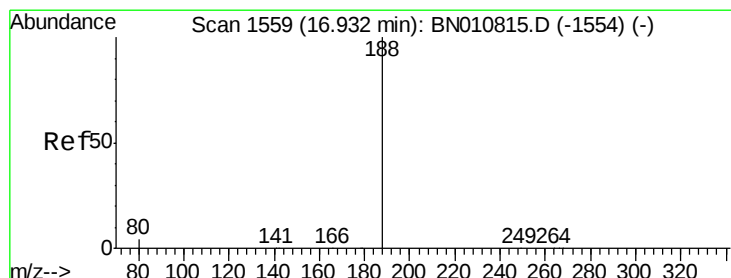
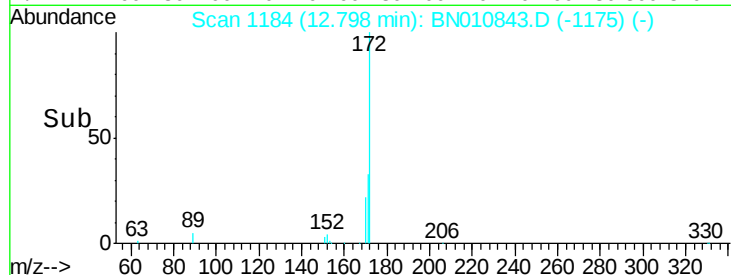
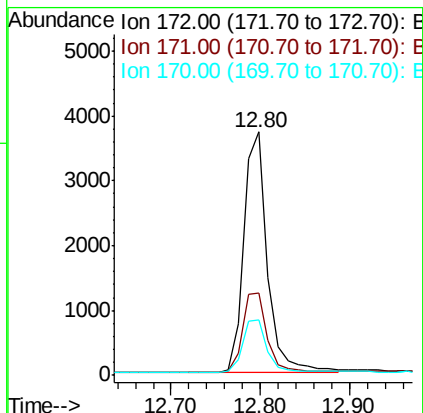
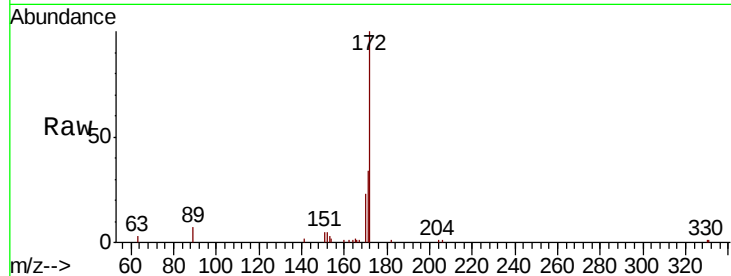




#15
2-Fluorobiphenyl
Concen: 0.336 ng
RT: 12.80 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BN010843.D
Acq: 12 Jun 2020 12:08

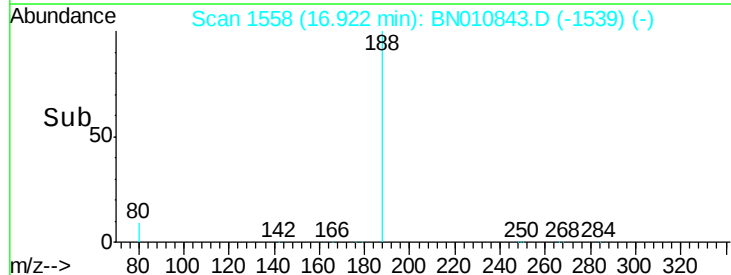
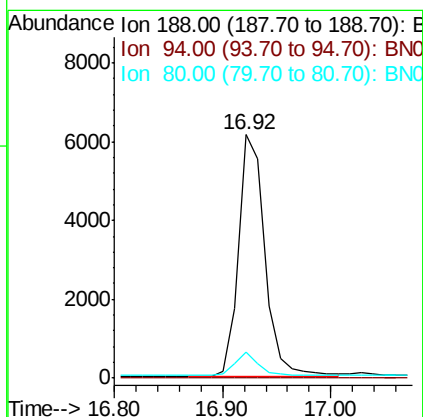
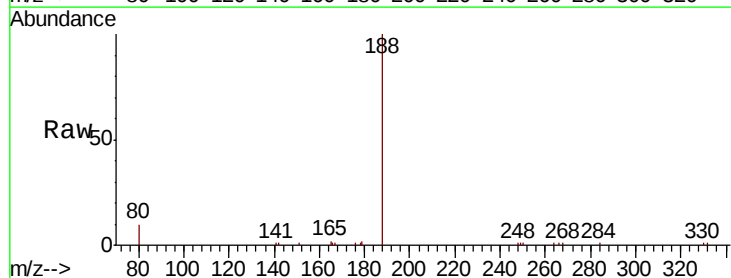
Instrument :
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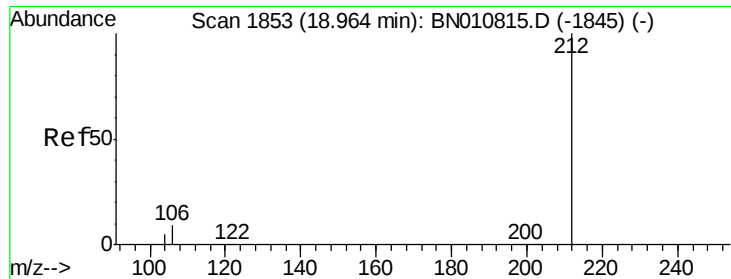
Tot Ion:172 Resp: 6806
Ion Ratio Lower Upper
172 100
171 34.0 28.5 42.7
170 22.6 19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.92 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BN010843.D
Acq: 12 Jun 2020 12:08

Tgt Ion:188 Resp: 10389
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.5 4.5 6.7#

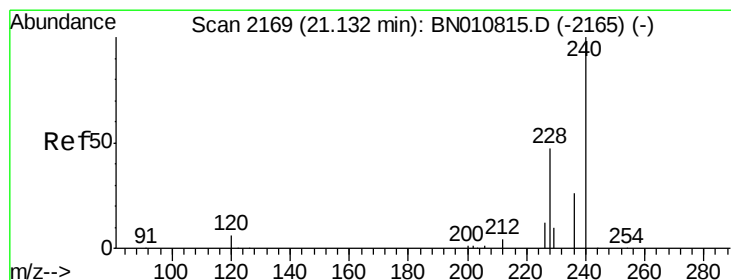
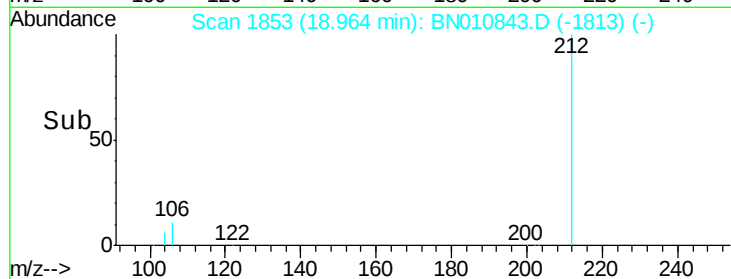
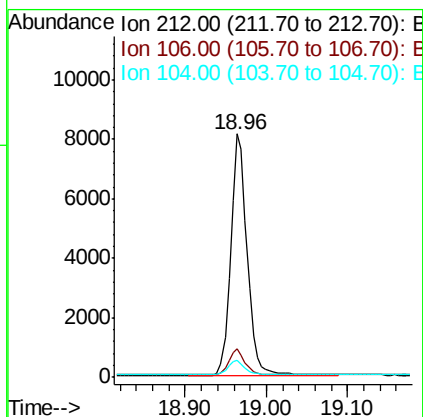
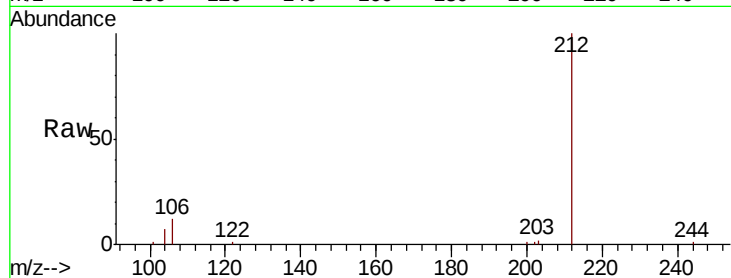




#25
 Fluoranthene-d10
 Concen: 0.397 ng
 RT: 18.96 min Scan# 1853
 Delta R.T. -0.00 min
 Lab File: BN010843.D
 Acq: 12 Jun 2020 12:08

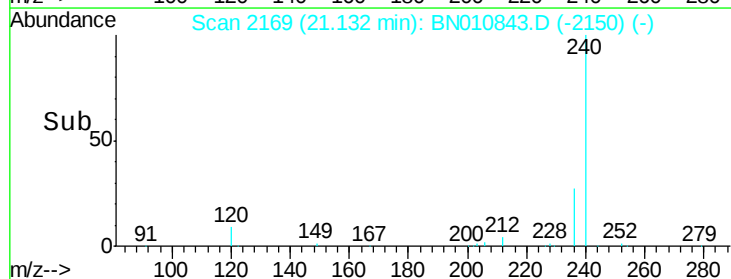
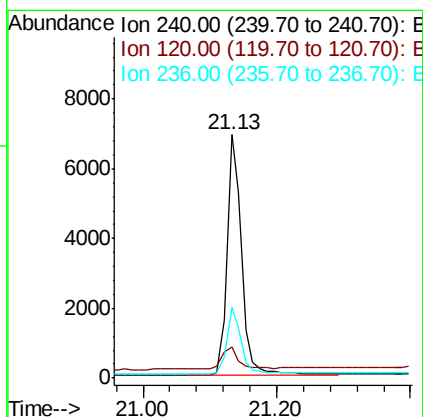
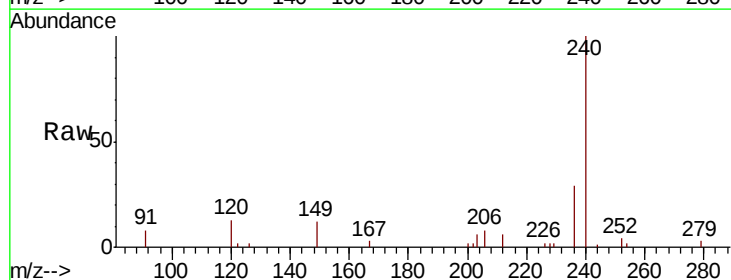
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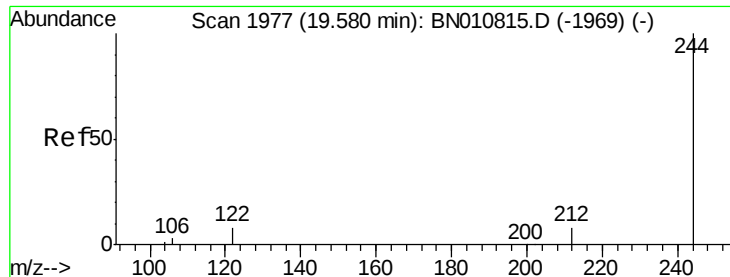
Tot Ion:212 Resp: 11393
 Ion Ratio Lower Upper
 212 100
 106 10.0 6.6 10.0#
 104 5.9 4.0 6.0



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.13 min Scan# 2169
 Delta R.T. -0.00 min
 Lab File: BN010843.D
 Acq: 12 Jun 2020 12:08

Tgt Ion:240 Resp: 10312
 Ion Ratio Lower Upper
 240 100
 120 12.7 7.5 11.3#
 236 28.9 22.3 33.5





#29

Terphenyl-d14

Concen: 0.433 ng

RT: 19.58 min Scan# 1977

Delta R.T. -0.00 min

Lab File: BN010843.D

Acq: 12 Jun 2020 12:08

Instrument :

BNA_N

ClientSampleId :

RE108D2-20200608

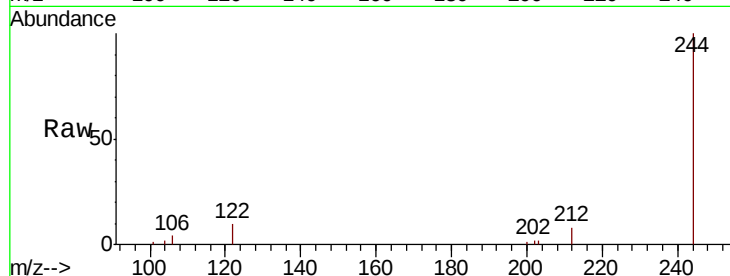
Tot Ion:244 Resp: 10462

Ion Ratio Lower Upper

244 100

212 8.4 7.4 11.2

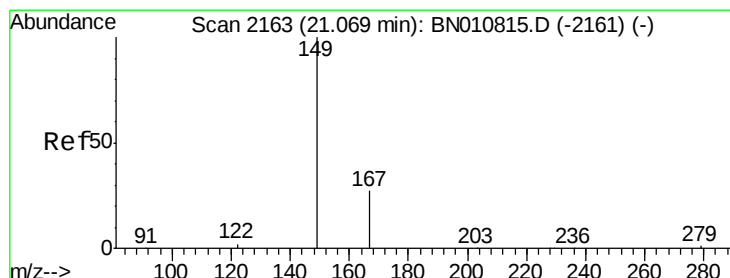
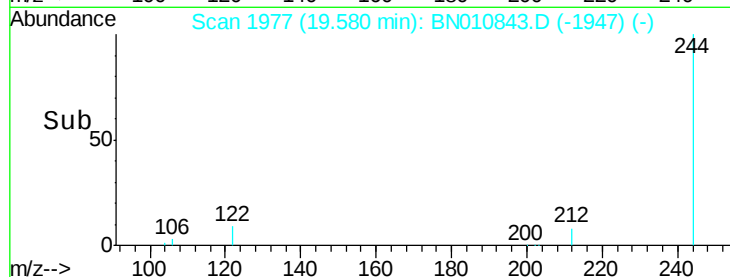
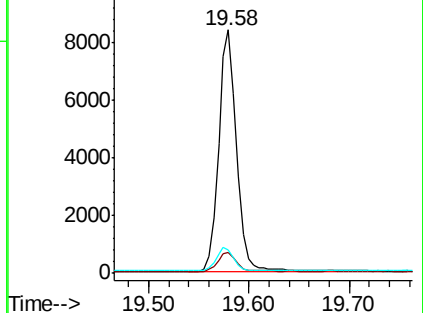
122 9.6 7.5 11.3



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: 0.237 ng

RT: 21.08 min Scan# 2164

Delta R.T. 0.01 min

Lab File: BN010843.D

Acq: 12 Jun 2020 12:08

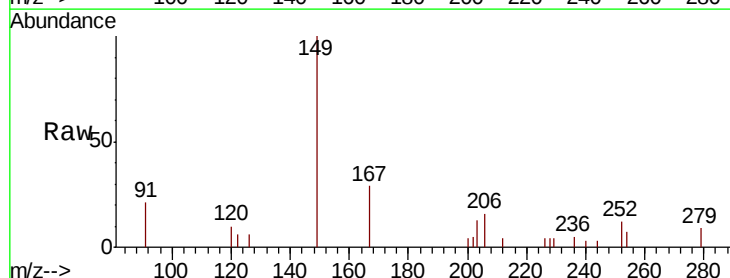
Tgt Ion:149 Resp: 2392

Ion Ratio Lower Upper

149 100

167 29.8 24.1 36.1

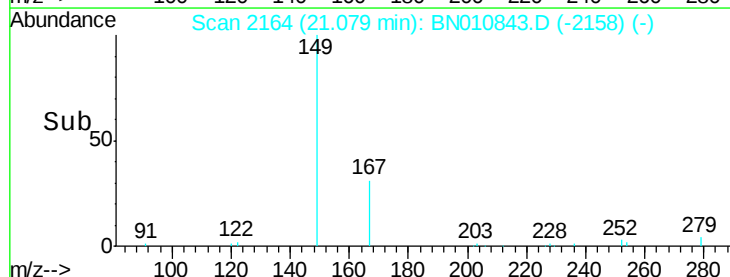
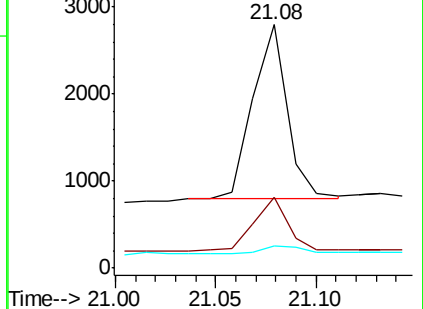
279 5.5 4.6 7.0

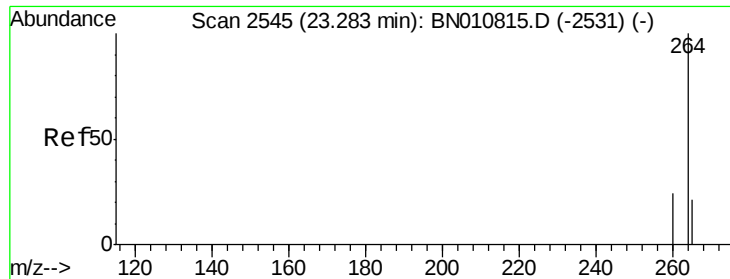


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

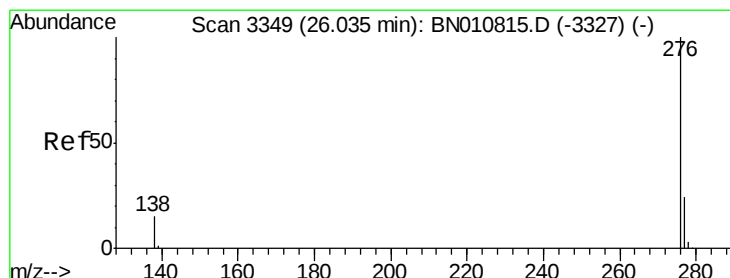
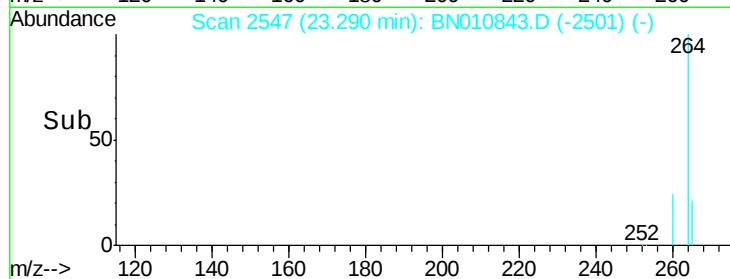
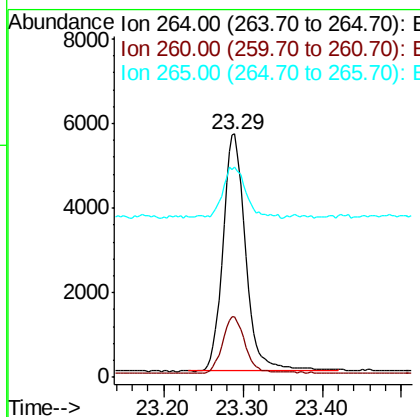
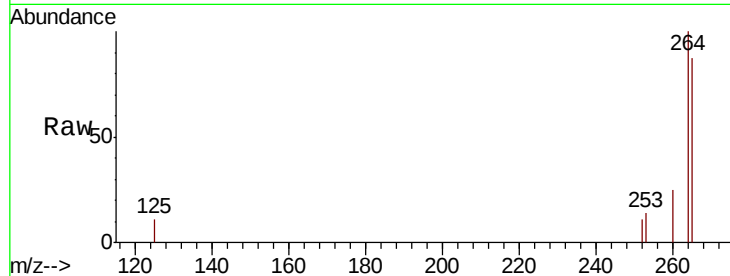




#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.29 min Scan# 2547
Delta R.T. 0.01 min
Lab File: BN010843.D
Acq: 12 Jun 2020 12:08

Instrument :
BNA_N
ClientSampleId :
RE108D2-20200608

Tot Ion:264 Resp: 11203
Ion Ratio Lower Upper
264 100
260 25.0 20.4 30.6
265 86.6 75.0 112.4



#39
Benzo(g,h,i)perylene
Concen: 0.027 ng
RT: 26.05 min Scan# 3353
Delta R.T. 0.01 min
Lab File: BN010843.D
Acq: 12 Jun 2020 12:08

Tgt Ion:276 Resp: 1062
Ion Ratio Lower Upper
276 100
277 50.6 20.5 30.7#
138 46.8 13.7 20.5#

