

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061620\
 Data File : BN010931.D
 Acq On : 17 Jun 2020 06:53
 Operator : CG/JU
 Sample : L3011-16
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE104D1-20200612

Quant Time: Jun 17 08:11:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 16 08:49:35 2020
 Response via : Initial Calibration

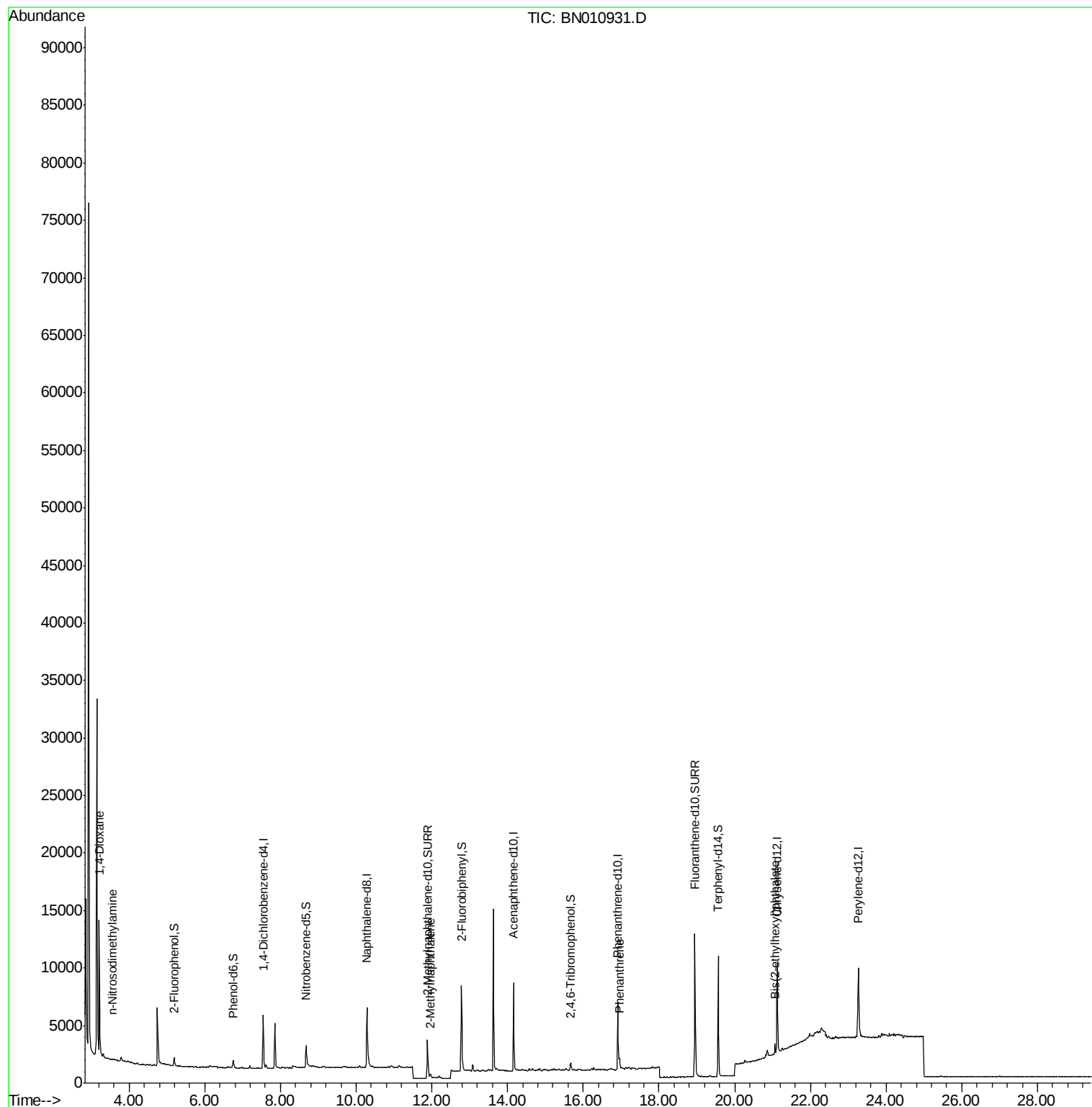
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	2419	0.40	ng	0.00
7) Naphthalene-d8	10.29	136	8226	0.40	ng	-0.01
13) Acenaphthene-d10	14.16	164	4542	0.40	ng	0.00
19) Phenanthrene-d10	16.92	188	9173	0.40	ng	0.00
27) Chrysene-d12	21.12	240	8708	0.40	ng	0.00
34) Perylene-d12	23.27	264	9048	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.19	112	713	0.15	ng	0.00
5) Phenol-d6	6.74	99	506	0.09	ng	0.00
8) Nitrobenzene-d5	8.68	82	2361	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	11.89	152	5517	0.43	ng	0.00
14) 2,4,6-Tribromophenol	15.67	330	561	0.35	ng	0.00
15) 2-Fluorobiphenyl	12.78	172	7127	0.40	ng	0.00
25) Fluoranthene-d10	18.95	212	16243	0.64	ng	0.00
29) Terphenyl-d14	19.57	244	10840	0.53	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.21	88	8835	3.729	ng	99
3) n-Nitrosodimethylamine	3.55	42	38	0.028	ng	# 1
12) 2-Methylnaphthalene	11.96	142	305	0.022	ng	# 88
23) Phenanthrene	16.96	178	1103	0.044	ng	# 93
32) Bis(2-ethylhexyl)phthalate	21.06	149	802	0.094	ng	95

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

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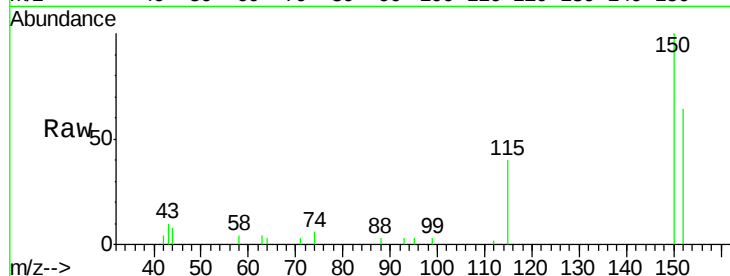


#1

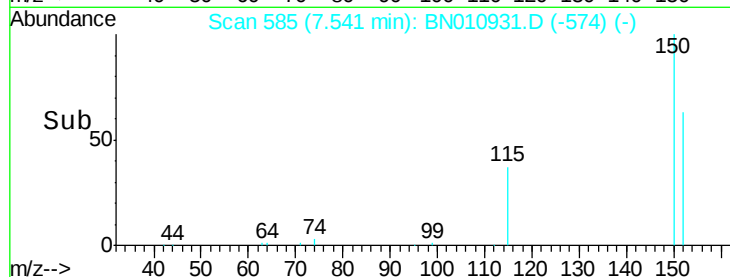
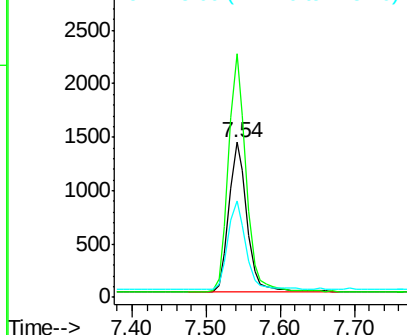
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.54 min Scan# 585
Delta R.T. -0.01 min
Lab File: BN010931.D
Acq: 17 Jun 2020 06:53

Instrument :
BNA_N
ClientSampleId :
RE104D1-20200612

Tot Ion:152 Resp: 2419
Ion Ratio Lower Upper
152 100
150 156.9 123.8 185.6
115 62.3 49.2 73.8



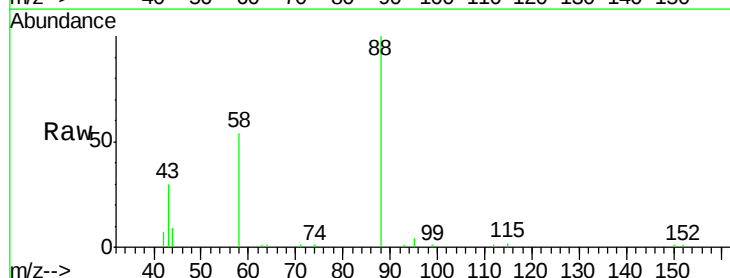
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



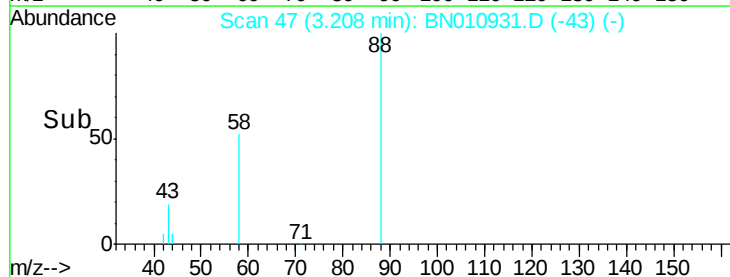
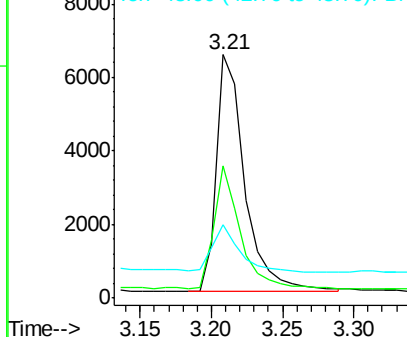
#2

1,4-Dioxane
Concen: 3.729 ng
RT: 3.21 min Scan# 47
Delta R.T. -0.02 min
Lab File: BN010931.D
Acq: 17 Jun 2020 06:53

Tgt Ion: 88 Resp: 8835
Ion Ratio Lower Upper
88 100
58 47.3 38.2 57.4
43 20.1 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



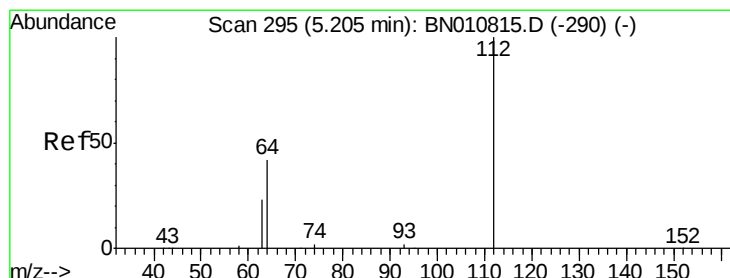
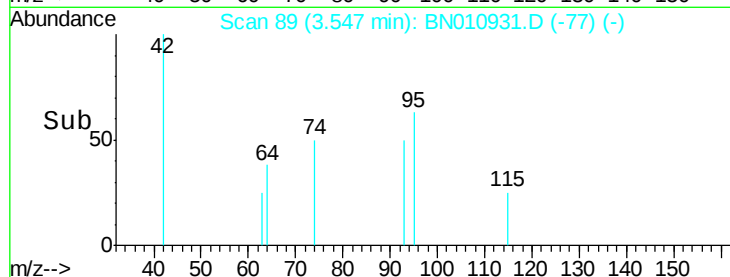
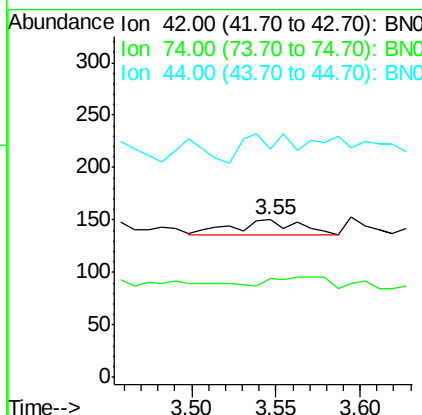
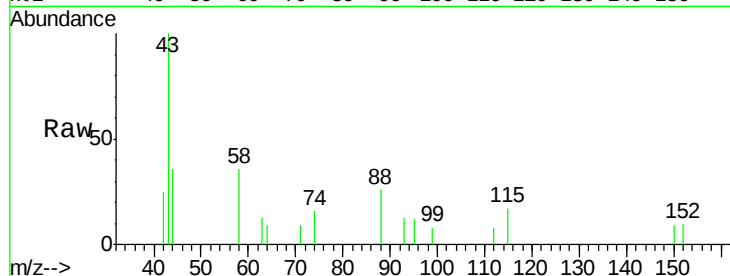


#3

n-Nitrosodimethylamine
 Concen: 0.028 ng
 RT: 3.55 min Scan# 89
 Delta R.T. 0.00 min
 Lab File: BN010931.D
 Acq: 17 Jun 2020 06:53

Instrument :
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 RE104D1-20200612

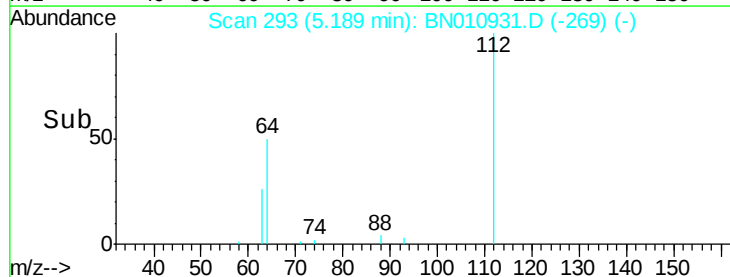
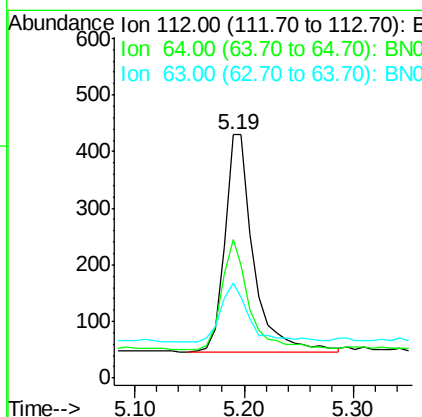
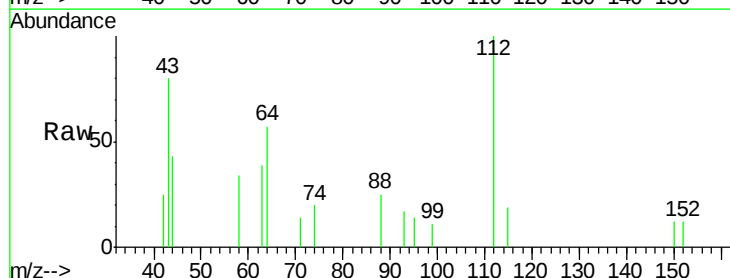
Tot Ion: 42 Resp: 38
 Ion Ratio Lower Upper
 42 100
 74 0.0 140.7 211.1#
 44 84.2 1.4 2.2#

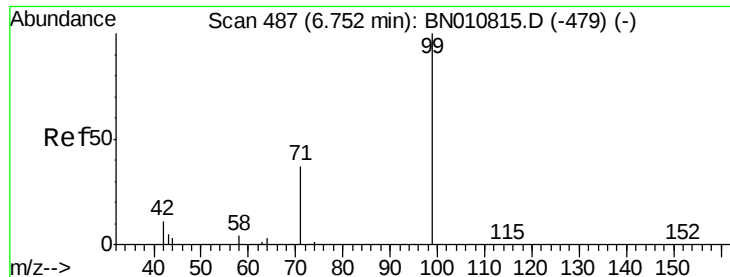


#4

2-Fluorophenol
 Concen: 0.153 ng
 RT: 5.19 min Scan# 293
 Delta R.T. -0.01 min
 Lab File: BN010931.D
 Acq: 17 Jun 2020 06:53

Tgt Ion: 112 Resp: 713
 Ion Ratio Lower Upper
 112 100
 64 47.8 37.4 56.0
 63 26.2 22.2 33.4





#5

Phenol-d6

Concen: 0.092 ng

RT: 6.74 min Scan# 485

Delta R.T. -0.01 min

Lab File: BN010931.D

Acq: 17 Jun 2020 06:53

Instrument :

BNA_N

ClientSampleId :

RE104D1-20200612

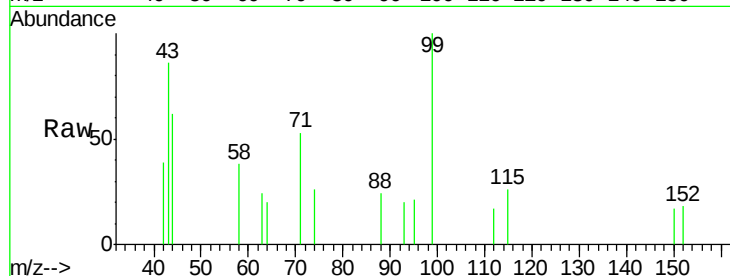
Tot Ion: 99 Resp: 506

Ion Ratio Lower Upper

99 100

42 20.0 11.1 16.7#

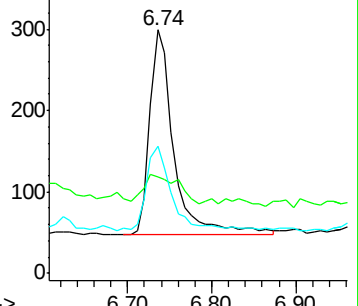
71 44.5 31.4 47.2



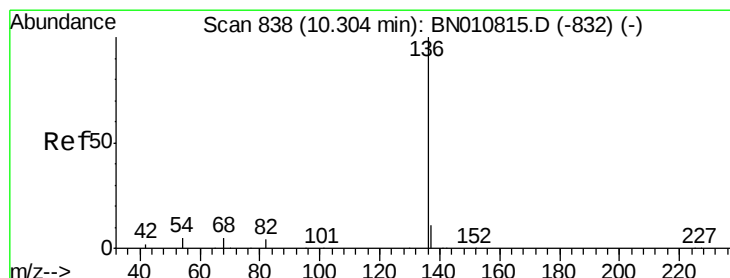
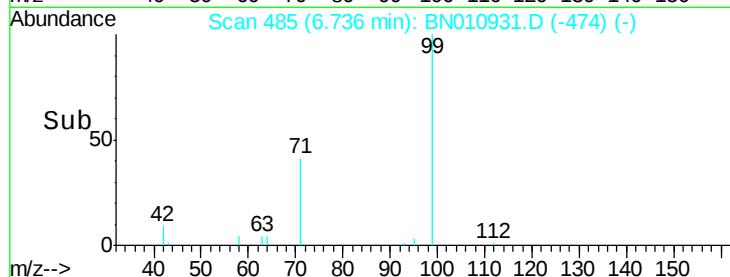
Abundance Ion 99.00 (98.70 to 99.70): BN010815.D (-479) (-)

Ion 42.00 (41.70 to 42.70): BN010815.D (-479) (-)

Ion 71.00 (70.70 to 71.70): BN010815.D (-479) (-)



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.29 min Scan# 837

Delta R.T. -0.01 min

Lab File: BN010931.D

Acq: 17 Jun 2020 06:53

Tgt Ion: 136 Resp: 8226

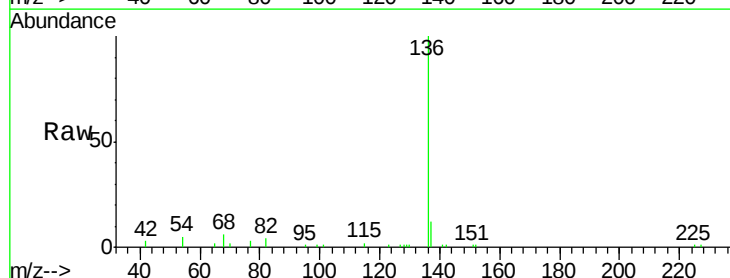
Ion Ratio Lower Upper

136 100

137 11.8 9.7 14.5

54 5.2 4.9 7.3

68 5.7 4.7 7.1

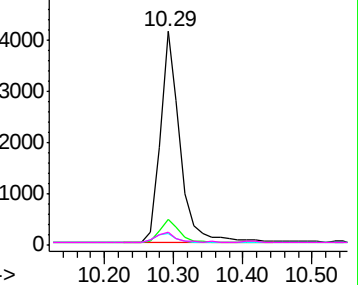


Abundance Ion 136.00 (135.70 to 136.70): BN010815.D (-832) (-)

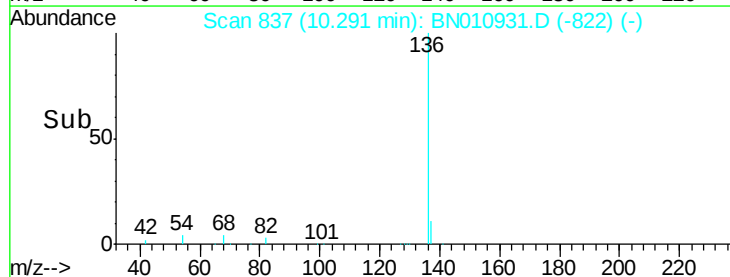
Ion 137.00 (136.70 to 137.70): BN010815.D (-832) (-)

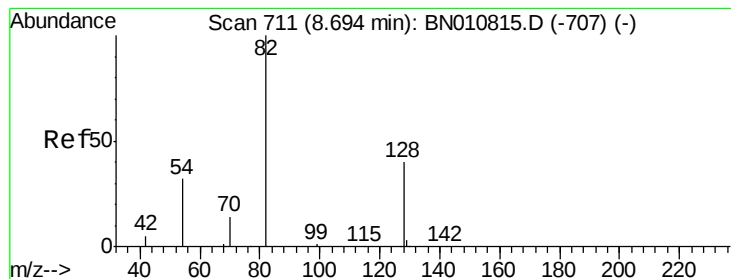
Ion 54.00 (53.70 to 54.70): BN010815.D (-832) (-)

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



Time-->





#8

Nitrobenzene-d5

Concen: 0.388 ng

RT: 8.68 min Scan# 710

Delta R.T. 0.00 min

Lab File: BN010931.D

Acq: 17 Jun 2020 06:53

Instrument :

BNA_N

ClientSampleId :

RE104D1-20200612

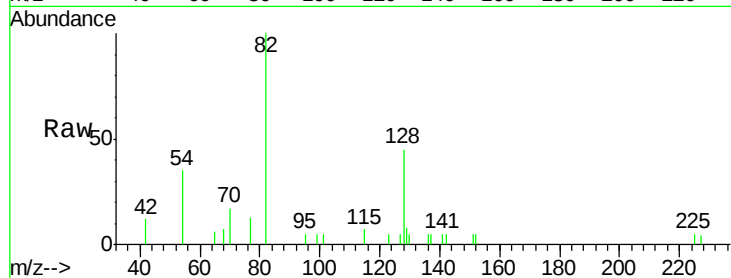
Tot Ion: 82 Resp: 2361

Ion Ratio Lower Upper

82 100

128 45.1 35.4 53.0

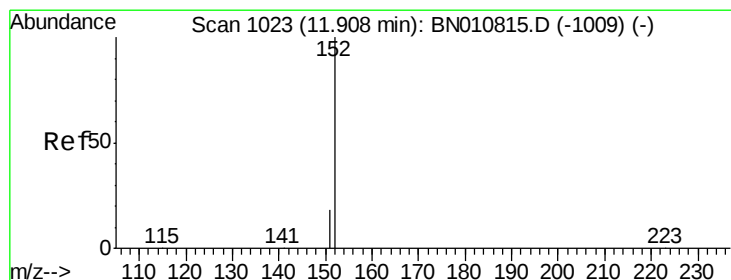
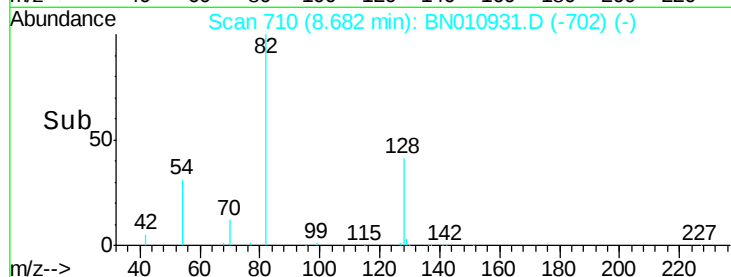
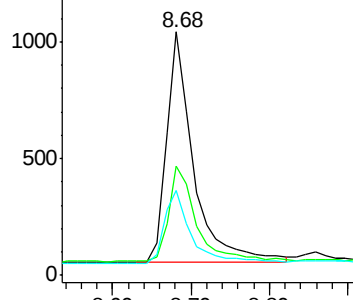
54 34.7 28.2 42.4



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: 0.432 ng

RT: 11.89 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BN010931.D

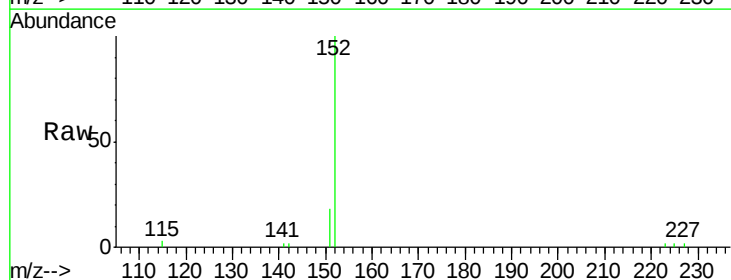
Acq: 17 Jun 2020 06:53

Tgt Ion: 152 Resp: 5517

Ion Ratio Lower Upper

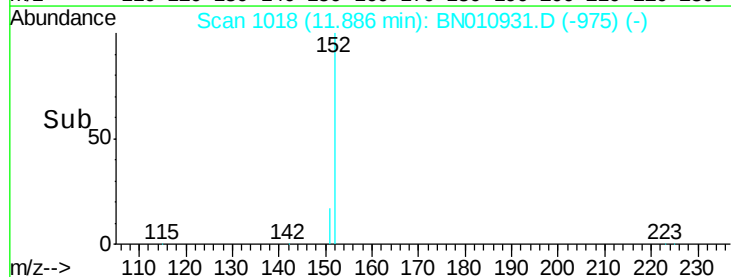
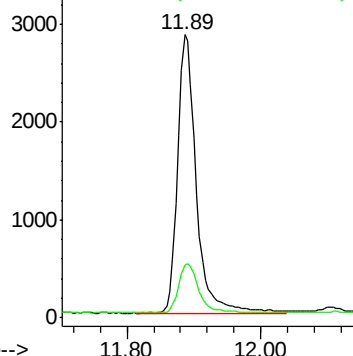
152 100

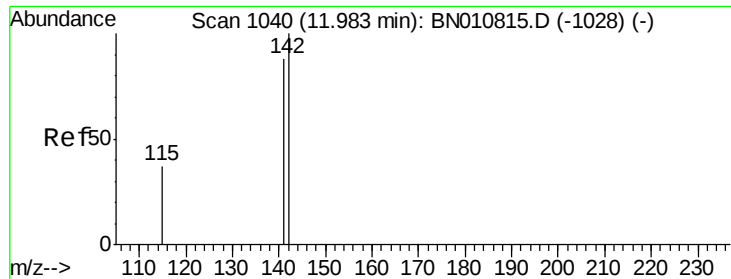
151 19.0 15.3 22.9



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

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

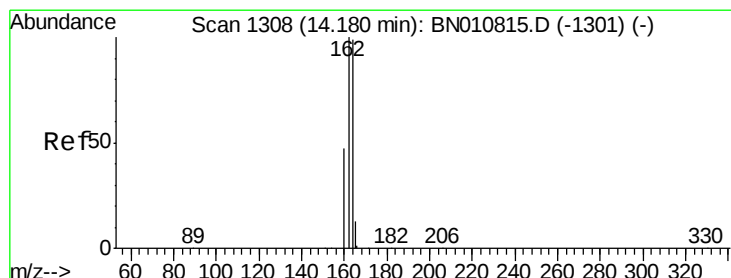
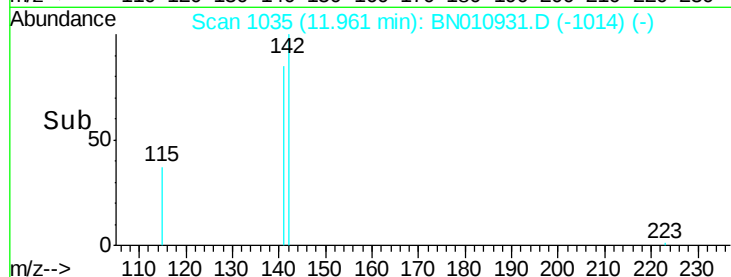
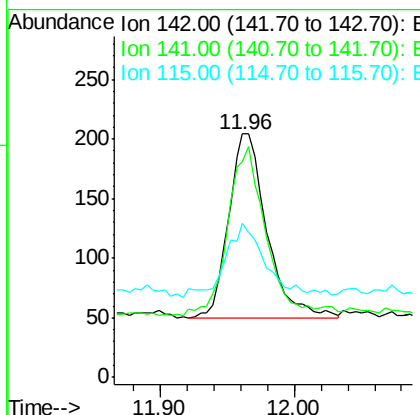
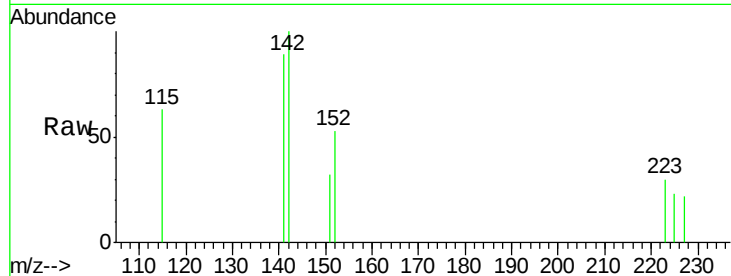




#12
2-Methylnaphthalene
Concen: 0.022 ng
RT: 11.96 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BN010931.D
Acq: 17 Jun 2020 06:53

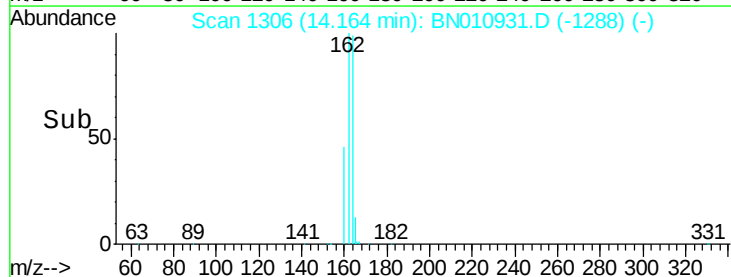
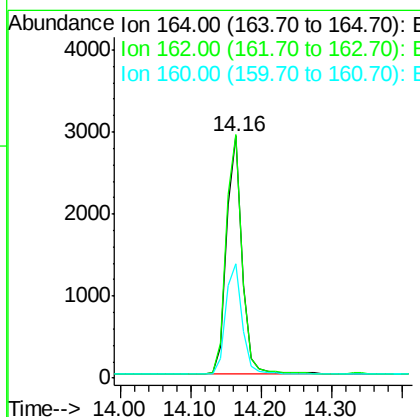
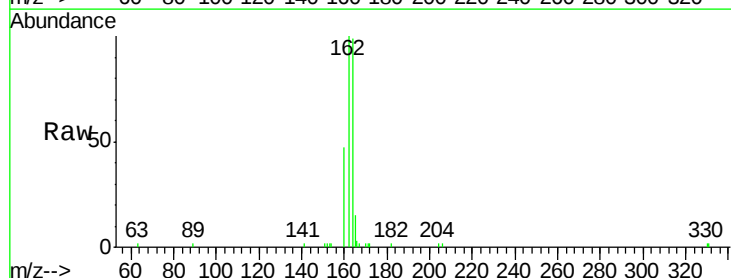
Instrument :
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RE104D1-20200612

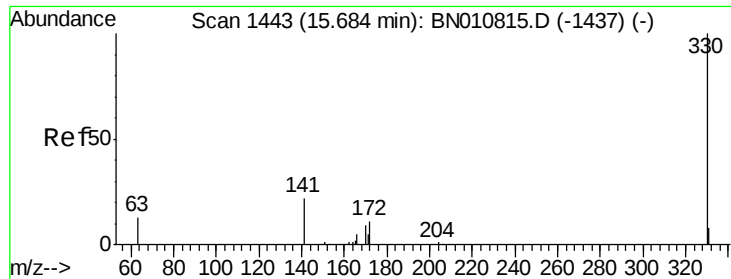
Tot Ion:142 Resp: 305
Ion Ratio Lower Upper
142 100
141 88.7 70.8 106.2
115 63.2 31.5 47.3#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.16 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BN010931.D
Acq: 17 Jun 2020 06:53

Tgt Ion:164 Resp: 4542
Ion Ratio Lower Upper
164 100
162 100.7 81.0 121.6
160 47.5 38.9 58.3

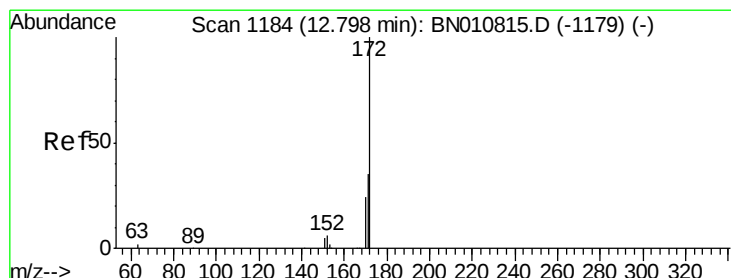
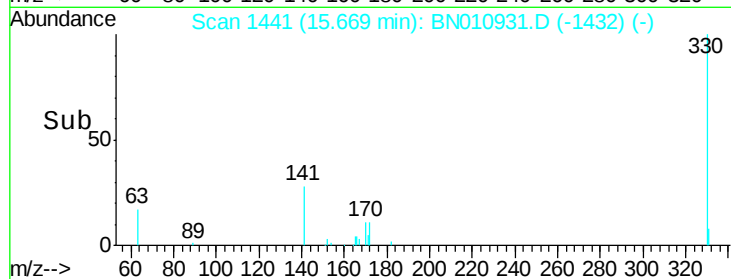
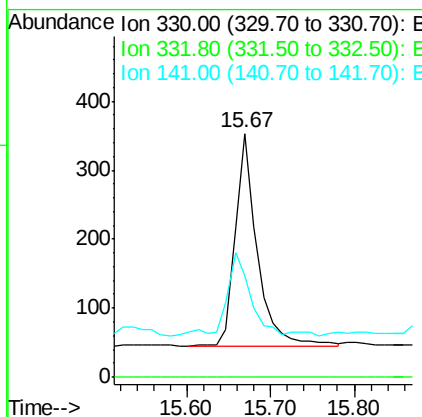
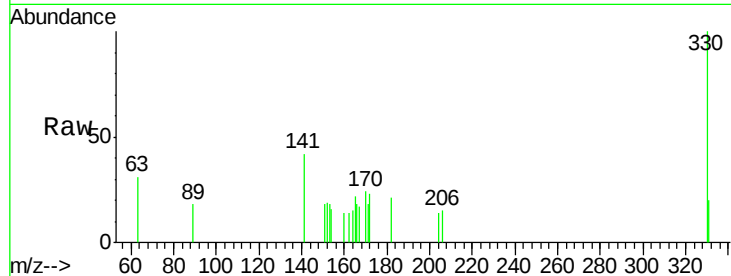




#14
 2,4,6-Tribromophenol
 Concen: 0.345 ng
 RT: 15.67 min Scan# 1441
 Delta R.T. -0.00 min
 Lab File: BN010931.D
 Acq: 17 Jun 2020 06:53

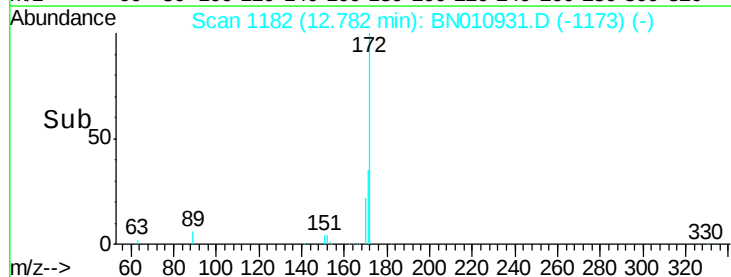
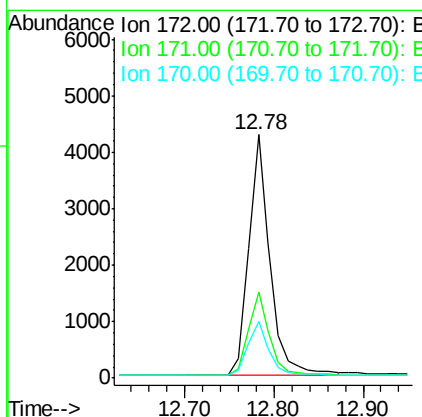
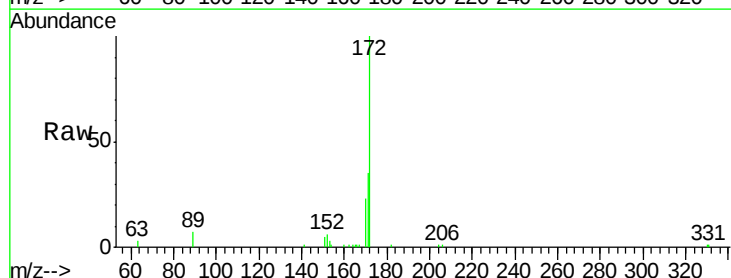
Instrument :
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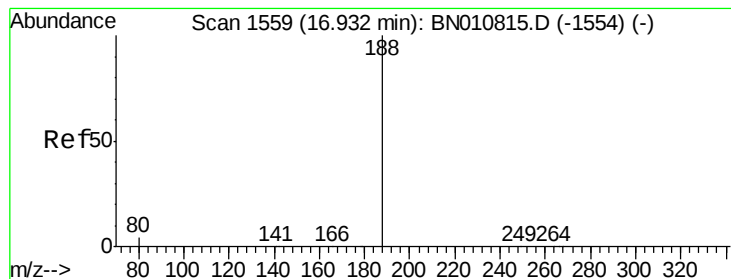
Tot Ion:330 Resp: 561
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 40.6 33.2 49.8



#15
 2-Fluorobiphenyl
 Concen: 0.398 ng
 RT: 12.78 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BN010931.D
 Acq: 17 Jun 2020 06:53

Tgt Ion:172 Resp: 7127
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.5 42.7
 170 23.1 19.7 29.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.92 min Scan# 1557

Delta R.T. -0.00 min

Lab File: BN010931.D

Acq: 17 Jun 2020 06:53

Instrument :

BNA_N

ClientSampleId :

RE104D1-20200612

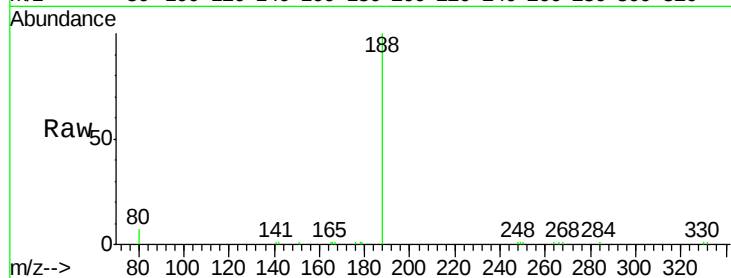
Tot Ion:188 Resp: 9173

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

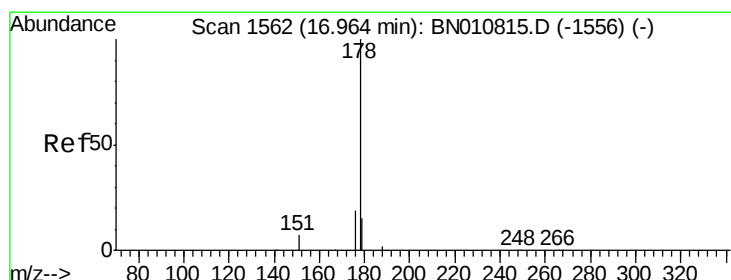
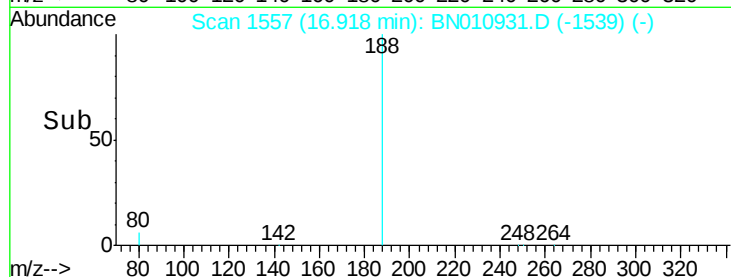
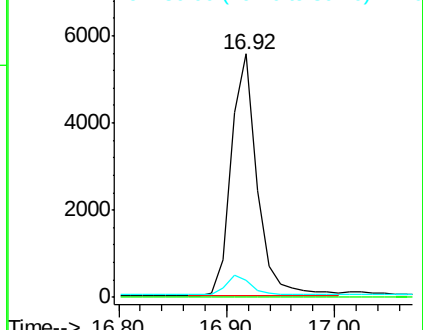
80 6.9 4.5 6.7#



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



#23

Phenanthrene

Concen: 0.044 ng

RT: 16.96 min Scan# 1561

Delta R.T. -0.00 min

Lab File: BN010931.D

Acq: 17 Jun 2020 06:53

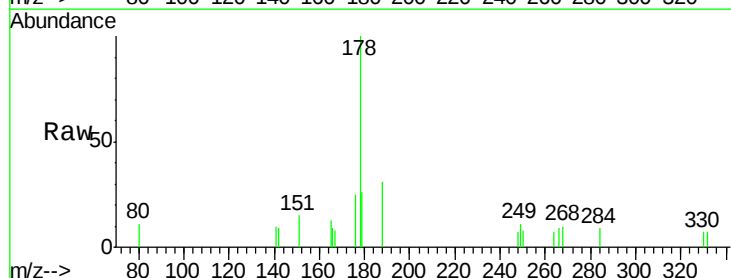
Tgt Ion:178 Resp: 1103

Ion Ratio Lower Upper

178 100

176 20.3 15.3 22.9

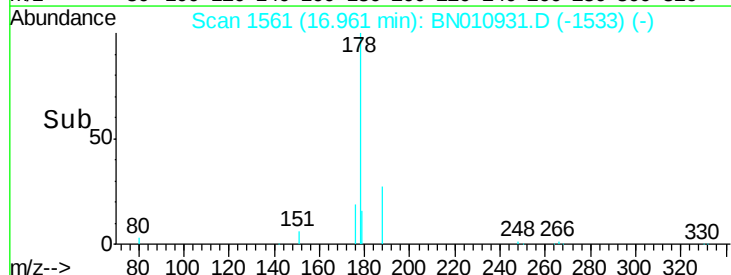
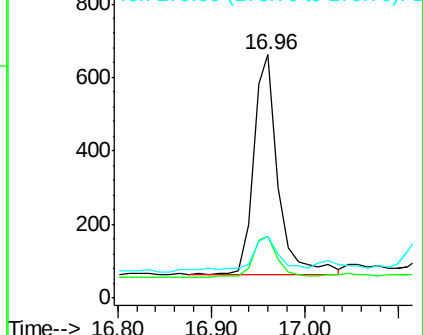
179 20.9 12.6 19.0#

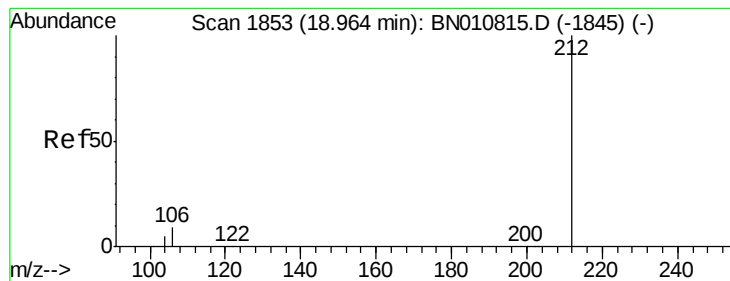


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.642 ng

RT: 18.95 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BN010931.D

Acq: 17 Jun 2020 06:53

Instrument :

BNA_N

ClientSampleId :

RE104D1-20200612

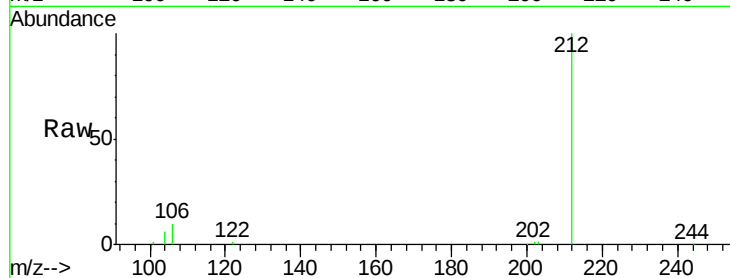
Tot Ion:212 Resp: 16243

Ion Ratio Lower Upper

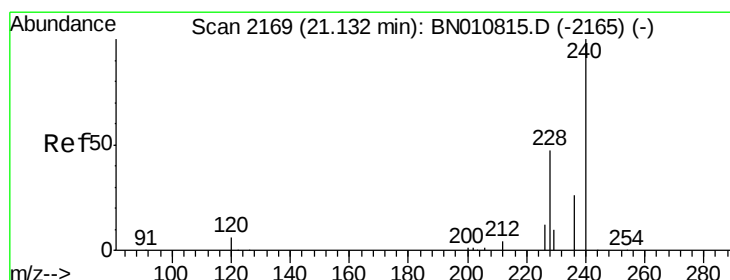
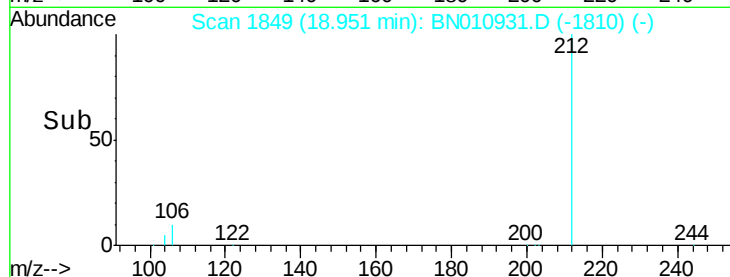
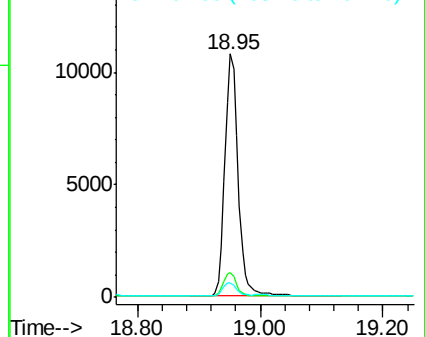
212 100

106 9.7 6.6 10.0

104 5.4 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: 21.12 min Scan# 2167

Delta R.T. -0.01 min

Lab File: BN010931.D

Acq: 17 Jun 2020 06:53

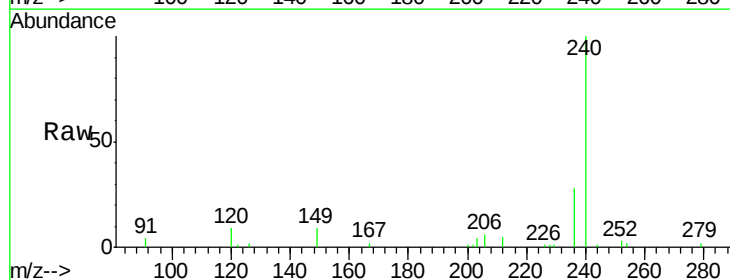
Tgt Ion:240 Resp: 8708

Ion Ratio Lower Upper

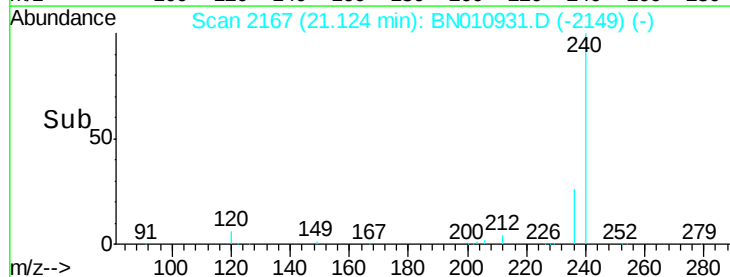
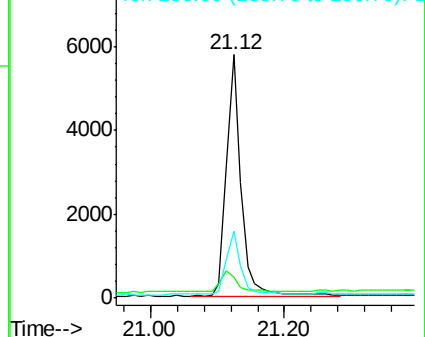
240 100

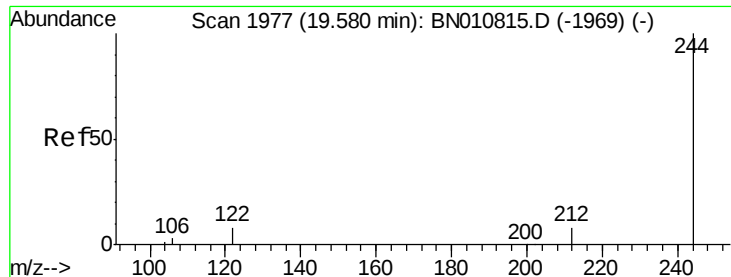
120 8.7 7.5 11.3

236 27.6 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: 0.532 ng

RT: 19.57 min Scan# 1973

Delta R.T. -0.01 min

Lab File: BN010931.D

Acq: 17 Jun 2020 06:53

Instrument :

BNA_N

ClientSampleId :

RE104D1-20200612

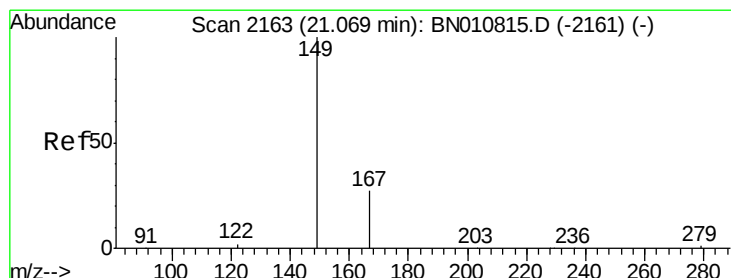
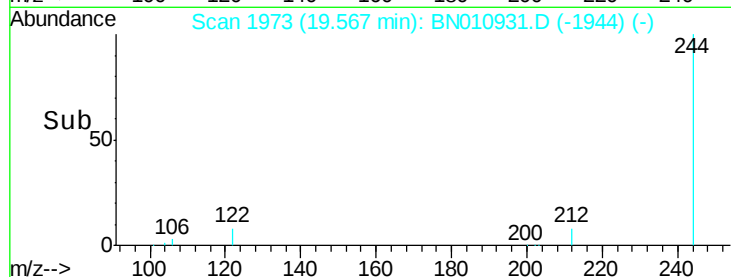
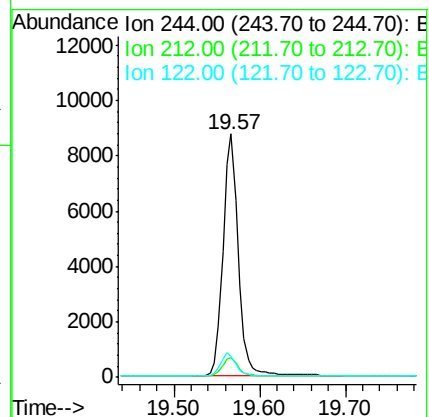
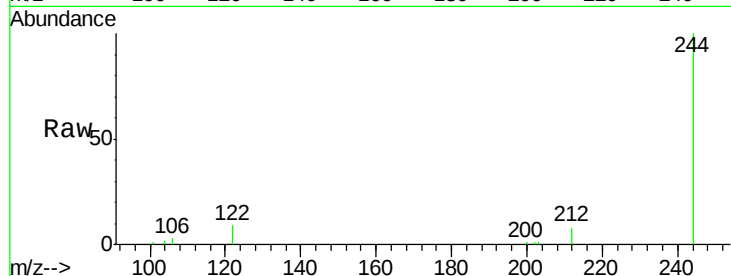
Tot Ion:244 Resp: 10840

Ion Ratio Lower Upper

244 100

212 8.2 7.4 11.2

122 8.7 7.5 11.3



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.094 ng

RT: 21.06 min Scan# 2161

Delta R.T. -0.01 min

Lab File: BN010931.D

Acq: 17 Jun 2020 06:53

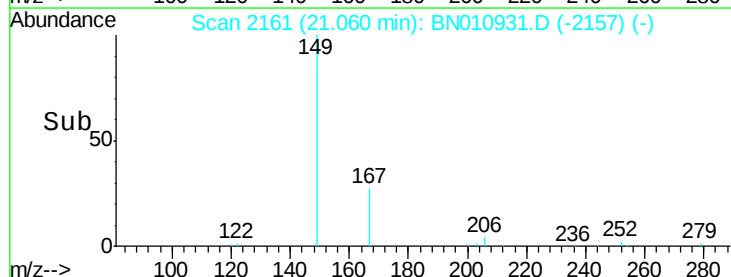
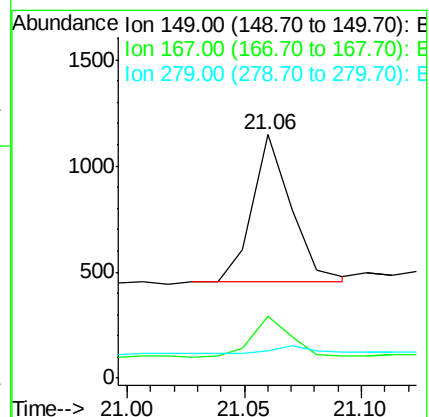
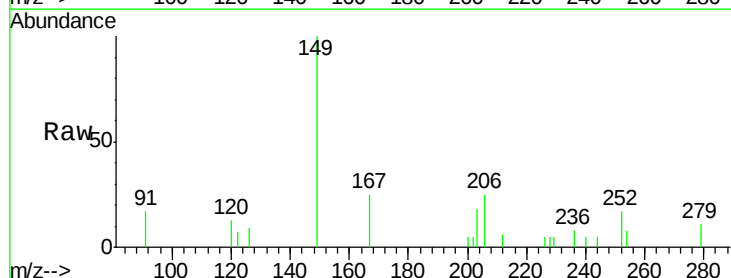
Tgt Ion:149 Resp: 802

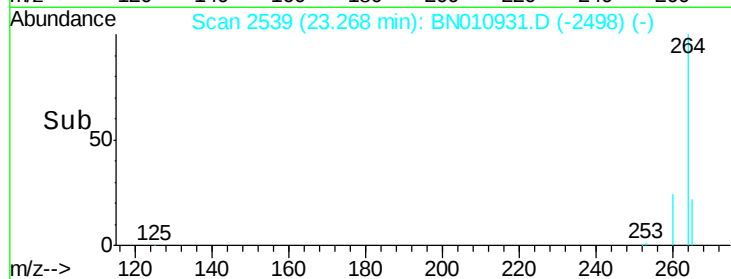
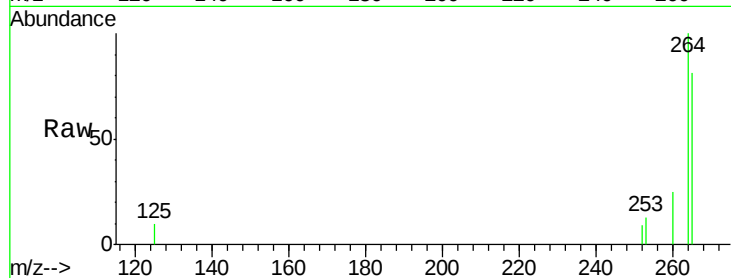
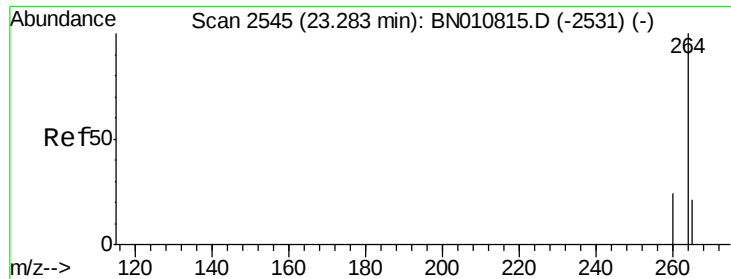
Ion Ratio Lower Upper

149 100

167 27.4 24.1 36.1

279 4.9 4.6 7.0





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.27 min Scan# 2539

Delta R.T. -0.01 min

Lab File: BN010931.D

Acq: 17 Jun 2020 06:53

Instrument :

BNA_N

ClientSampleId :

RE104D1-20200612

Tot Ion:264 Resp: 9048

Ion Ratio Lower Upper

264 100

260 25.1 20.4 30.6

265 81.1 75.0 112.4

