

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061220\
 Data File : BN010854.D
 Acq On : 12 Jun 2020 22:31
 Operator : CG/JU
 Sample : L2988-05DL 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D4-20200608DL

Quant Time: Jun 23 19:59:57 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

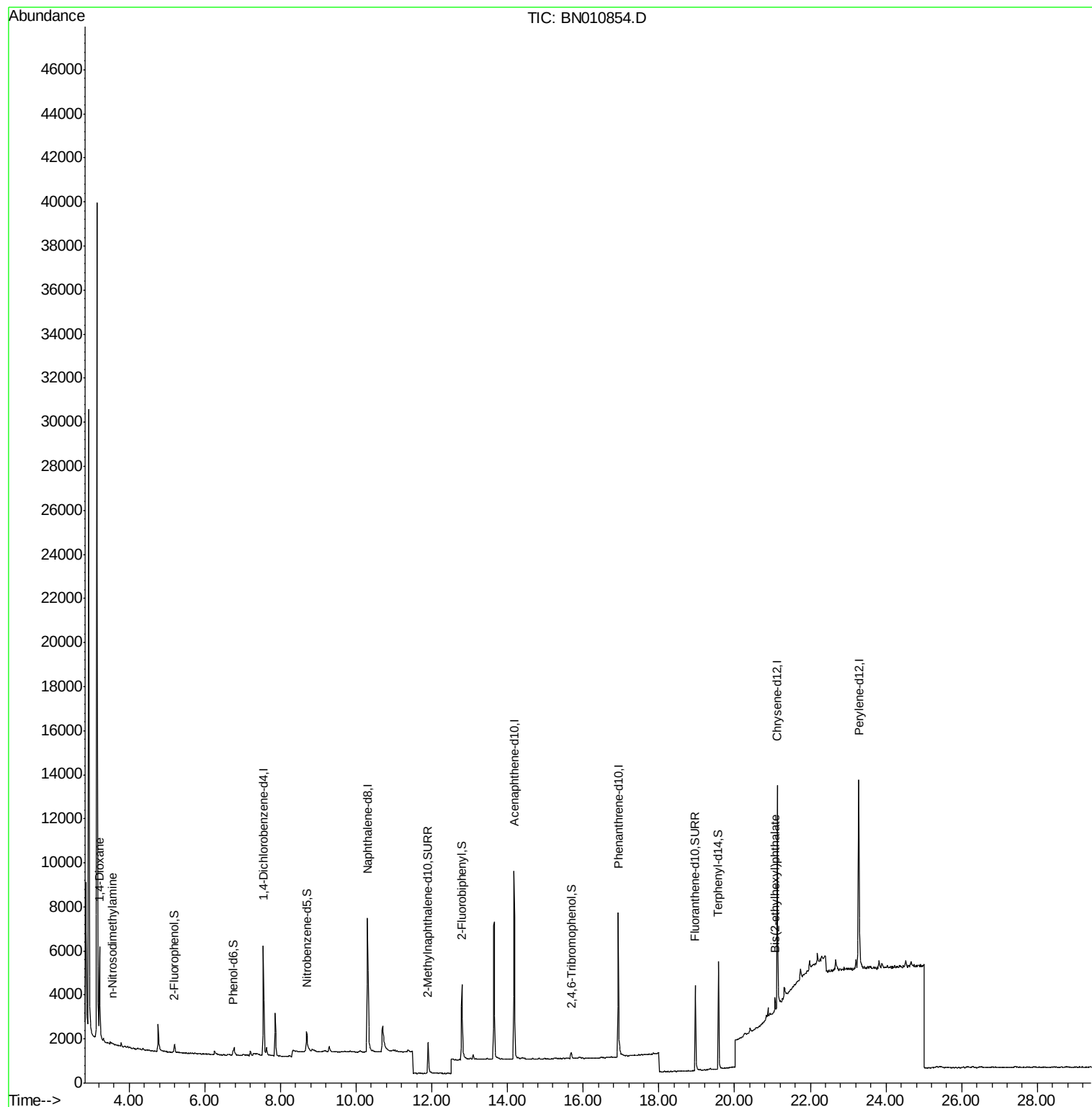
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	2679	0.40	ng	0.02
7) Naphthalene-d8	10.30	136	9528	0.40	ng	0.03
13) Acenaphthene-d10	14.17	164	5232	0.40	ng	0.02
19) Phenanthrene-d10	16.92	188	11180	0.40	ng	0.01
27) Chrysene-d12	21.13	240	10667	0.40	ng	0.01
34) Perylene-d12	23.28	264	11641	0.40	ng	0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	386	0.07	ng	0.02
5) Phenol-d6	6.75	99	250	0.04	ng	0.02
8) Nitrobenzene-d5	8.69	82	1230	0.17	ng	0.03
11) 2-Methylnaphthalene-d10	11.90	152	2307	0.16	ng	0.02
14) 2,4,6-Tribromophenol	15.68	330	303	0.16	ng	0.02
15) 2-Fluorobiphenyl	12.80	172	3718	0.18	ng	0.02
25) Fluoranthene-d10	18.96	212	5109	0.17	ng	0.02
29) Terphenyl-d14	19.57	244	5300	0.21	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.22	88	3299	1.257	ng	97
3) n-Nitrosodimethylamine	3.55	42	41	0.027	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.07	149	520	0.050	ng	# 98

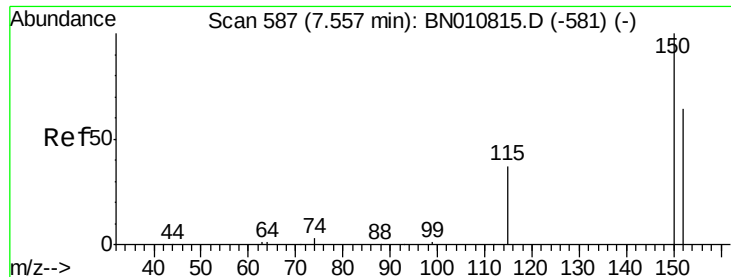
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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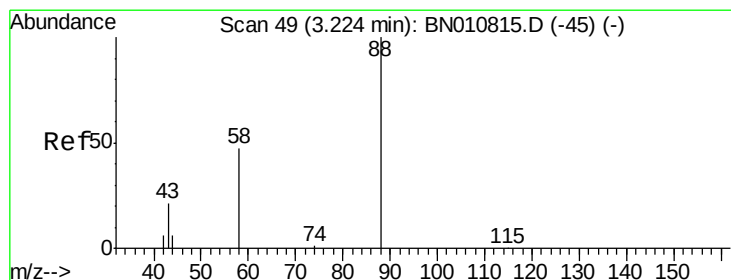
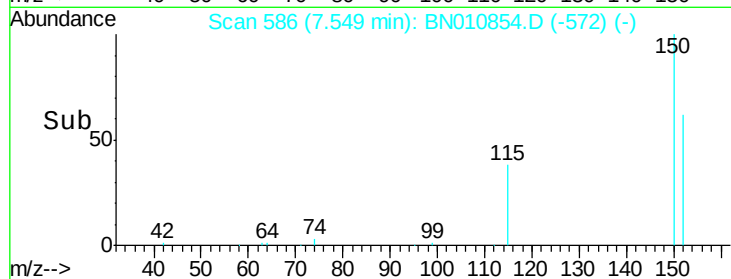
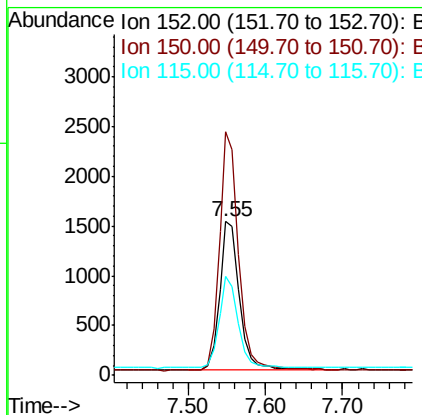
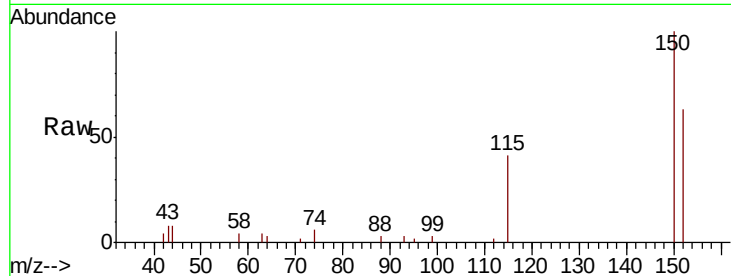


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.55 min Scan# 586
Delta R.T. 0.02 min
Lab File: BN010854.D
Acq: 12 Jun 2020 22:31

Instrument :
BNA_N
ClientSampleId :
RE132D4-20200608DL

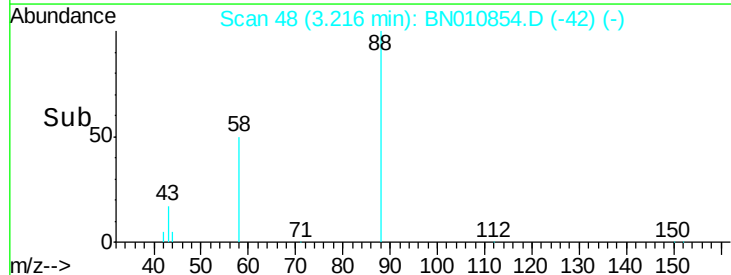
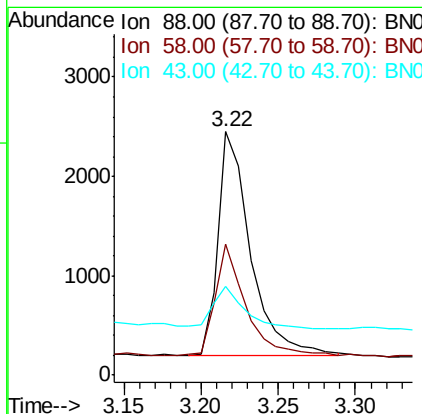
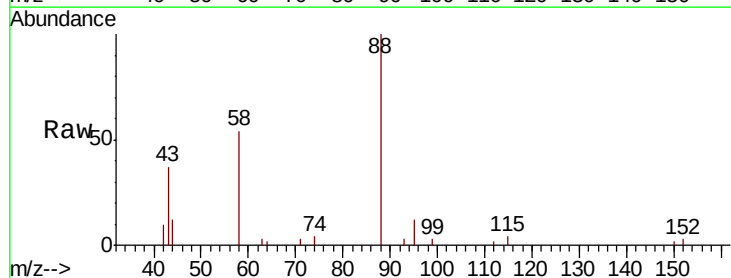
Tot Ion:152 Resp: 2679
Ion Ratio Lower Upper
152 100
150 158.7 123.8 185.6
115 64.5 49.2 73.8

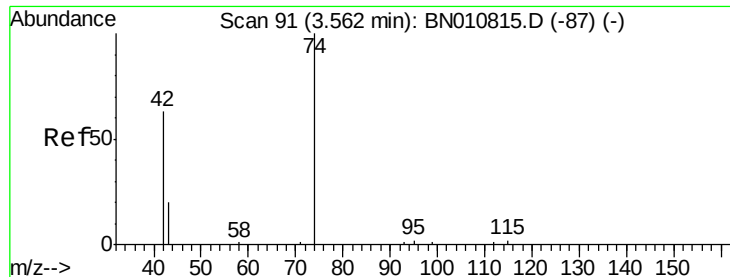


#2

1,4-Dioxane
Concen: 1.257 ng
RT: 3.22 min Scan# 48
Delta R.T. 0.00 min
Lab File: BN010854.D
Acq: 12 Jun 2020 22:31

Tgt Ion: 88 Resp: 3299
Ion Ratio Lower Upper
88 100
58 45.5 38.2 57.4
43 18.4 15.1 22.7





#3

n-Nitrosodimethylamine

Concen: 0.027 ng

RT: 3.55 min Scan# 89

Delta R.T. -0.01 min

Lab File: BN010854.D

Acq: 12 Jun 2020 22:31

Instrument :

BNA_N

ClientSampleId :

RE132D4-20200608DL

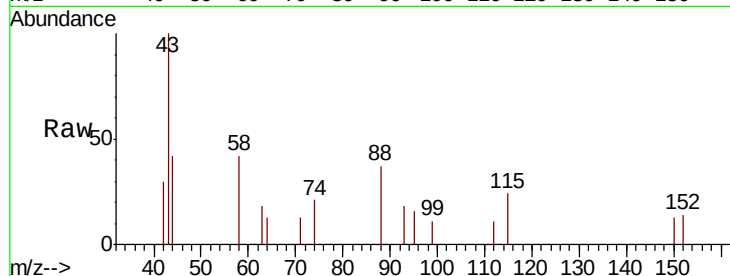
Tot Ion: 42 Resp: 41

Ion Ratio Lower Upper

42 100

74 34.1 140.7 211.1#

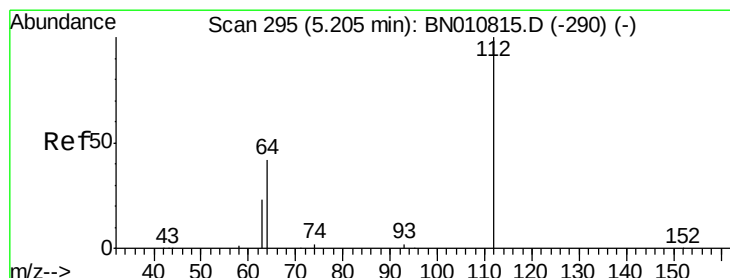
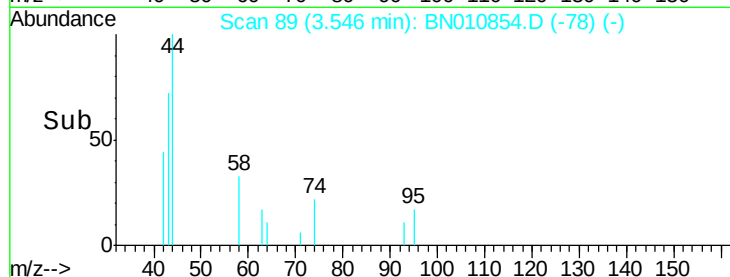
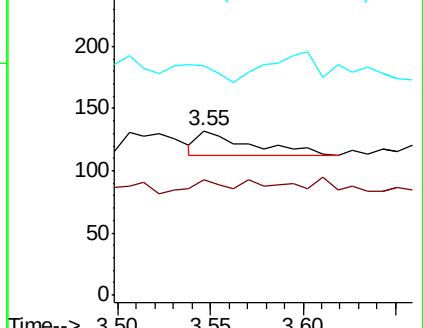
44 65.9 1.4 2.2#



Abundance Ion 42.00 (41.70 to 42.70): BN010815.D (-87) (-)

Ion 74.00 (73.70 to 74.70): BN010815.D (-87) (-)

Ion 44.00 (43.70 to 44.70): BN010815.D (-87) (-)



#4

2-Fluorophenol

Concen: 0.075 ng

RT: 5.21 min Scan# 295

Delta R.T. 0.02 min

Lab File: BN010854.D

Acq: 12 Jun 2020 22:31

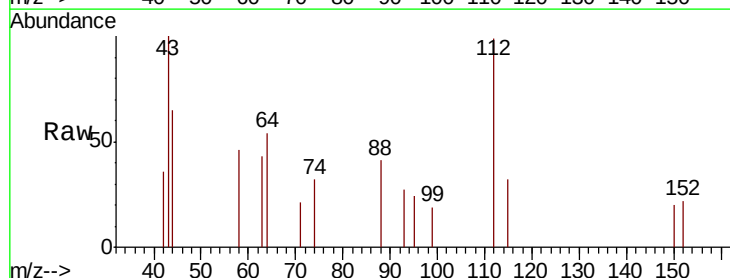
Tgt Ion: 112 Resp: 386

Ion Ratio Lower Upper

112 100

64 46.6 37.4 56.0

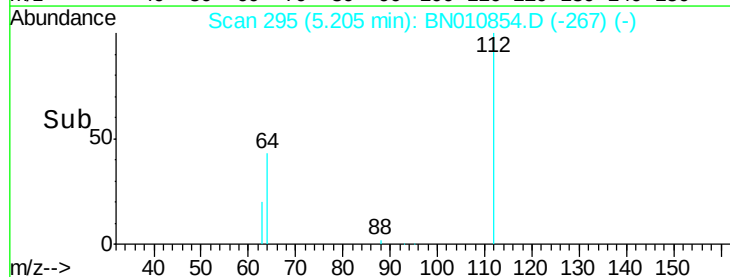
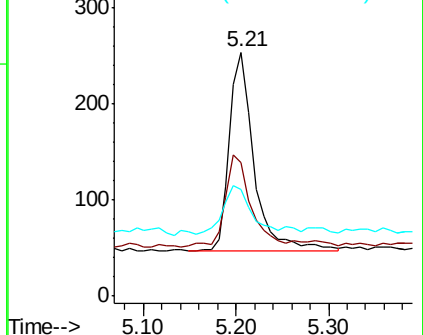
63 26.9 22.2 33.4

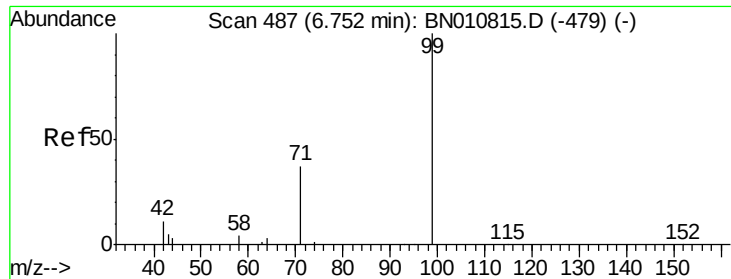


Abundance Ion 112.00 (111.70 to 112.70): BN010815.D (-290) (-)

Ion 64.00 (63.70 to 64.70): BN010815.D (-290) (-)

Ion 63.00 (62.70 to 63.70): BN010815.D (-290) (-)





#5

Phenol-d6

Concen: 0.041 ng

RT: 6.75 min Scan# 487

Delta R.T. 0.02 min

Lab File: BN010854.D

Acq: 12 Jun 2020 22:31

Instrument :

BNA_N

ClientSampleId :

RE132D4-20200608DL

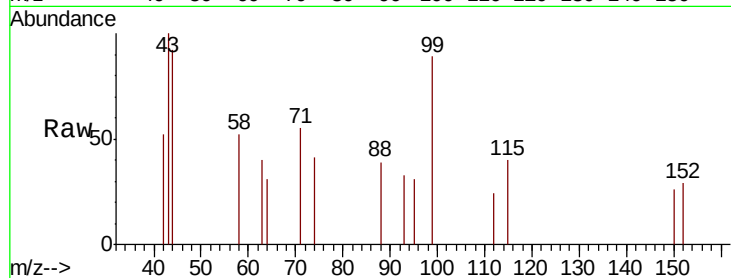
Tot Ion: 99 Resp: 250

Ion Ratio Lower Upper

99 100

42 19.6 11.1 16.7#

71 43.6 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) (-)

6.75

200

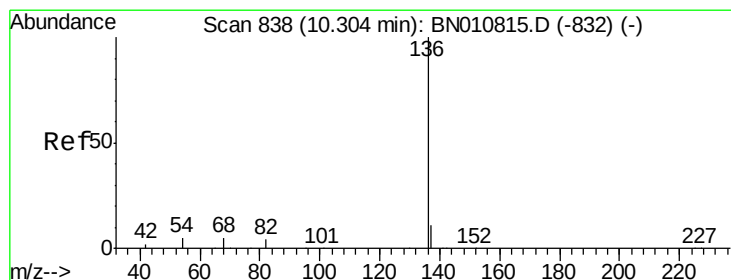
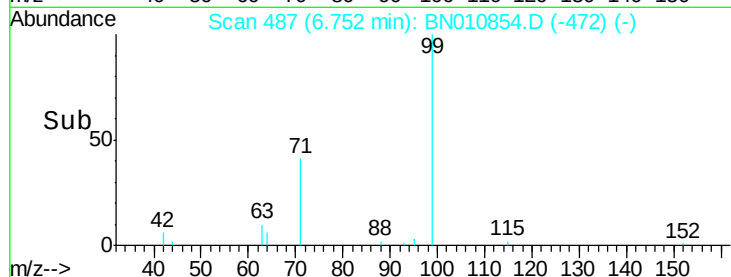
150

100

50

0

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.30 min Scan# 838

Delta R.T. 0.03 min

Lab File: BN010854.D

Acq: 12 Jun 2020 22:31

Tgt Ion: 136 Resp: 9528

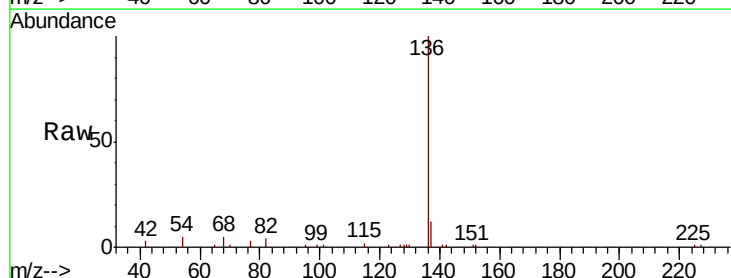
Ion Ratio Lower Upper

136 100

137 12.0 9.7 14.5

54 4.7 4.9 7.3#

68 5.5 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) (-)

10.30

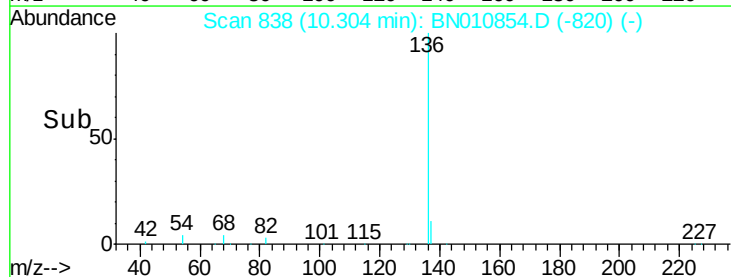
6000

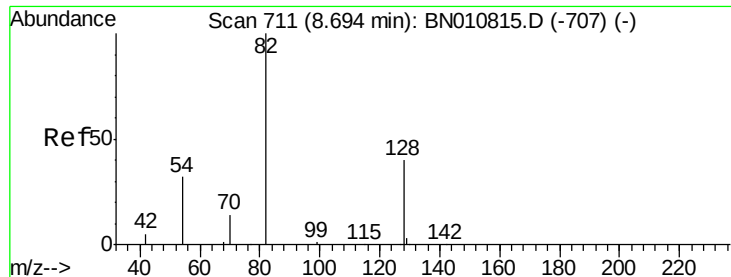
4000

2000

0

Time-->





#8

Nitrobenzene-d5

Concen: 0.174 ng

RT: 8.69 min Scan# 711

Delta R.T. 0.03 min

Lab File: BN010854.D

Acq: 12 Jun 2020 22:31

Instrument :

BNA_N

ClientSampleId :

RE132D4-20200608DL

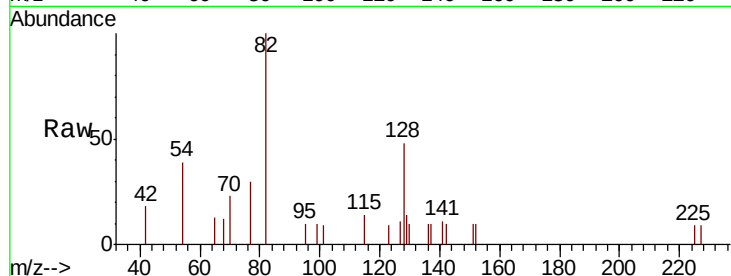
Tot Ion: 82 Resp: 1230

Ion Ratio Lower Upper

82 100

128 48.3 35.4 53.0

54 39.0 28.2 42.4

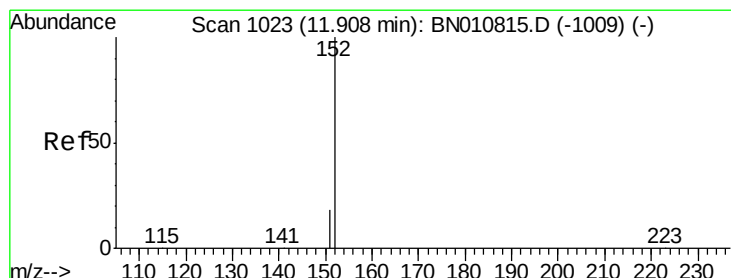
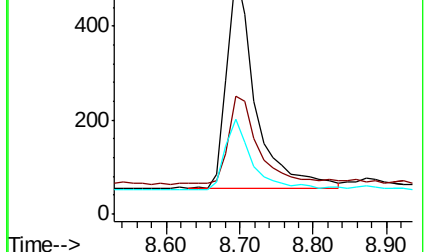
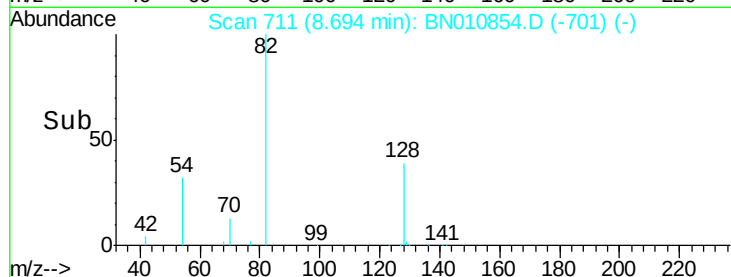


Abundance Ion 82.00 (81.70 to 82.70): BN010815.D (-707) (-)

Ion 128.00 (127.70 to 128.70): BN010815.D (-707) (-)

Ion 54.00 (53.70 to 54.70): BN010815.D (-707) (-)

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.156 ng

RT: 11.90 min Scan# 1021

Delta R.T. 0.02 min

Lab File: BN010854.D

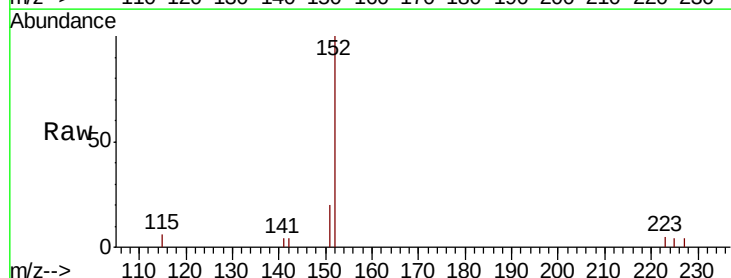
Acq: 12 Jun 2020 22:31

Tgt Ion: 152 Resp: 2307

Ion Ratio Lower Upper

152 100

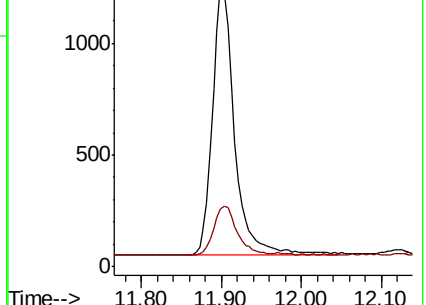
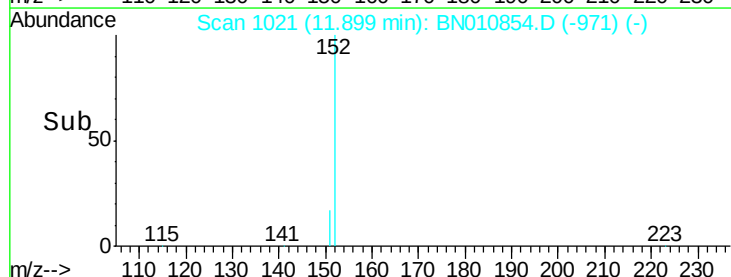
151 19.5 15.3 22.9

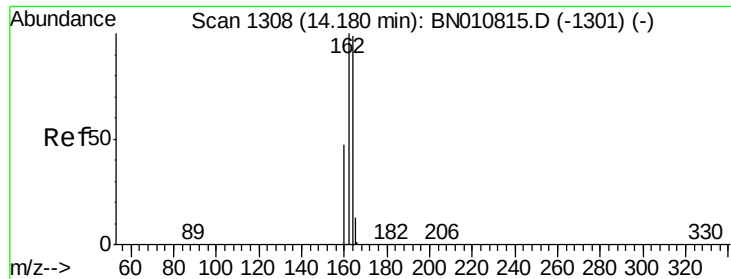


Abundance Ion 152.00 (151.70 to 152.70): BN010815.D (-1009) (-)

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

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.17 min Scan# 1307

Delta R.T. 0.02 min

Lab File: BN010854.D

Acq: 12 Jun 2020 22:31

Instrument :

BNA_N

ClientSampleId :

RE132D4-20200608DL

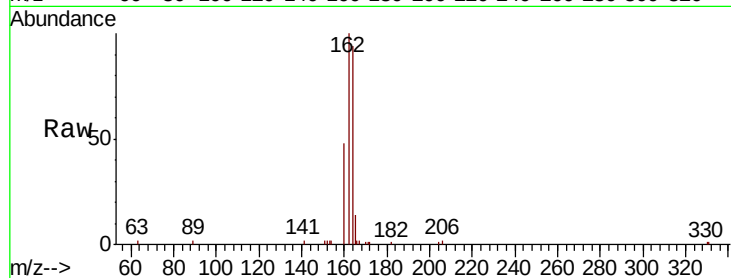
Tot Ion:164 Resp: 5232

Ion Ratio Lower Upper

164 100

162 106.4 81.0 121.6

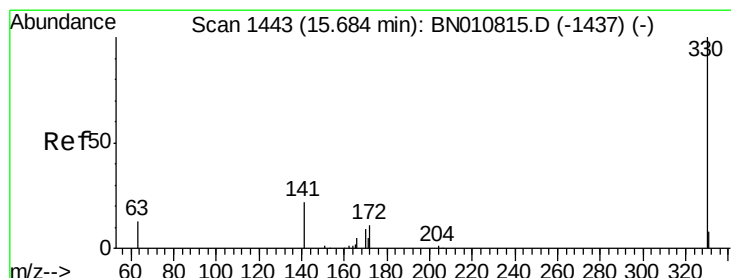
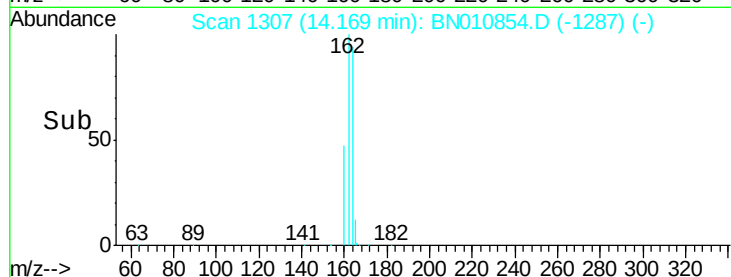
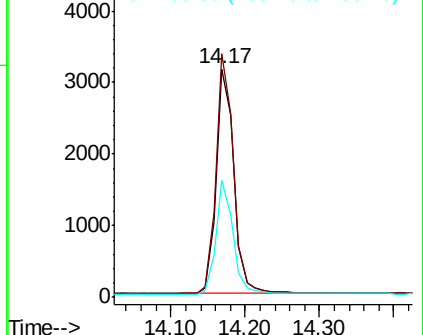
160 51.2 38.9 58.3



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: 0.162 ng

RT: 15.68 min Scan# 1443

Delta R.T. 0.02 min

Lab File: BN010854.D

Acq: 12 Jun 2020 22:31

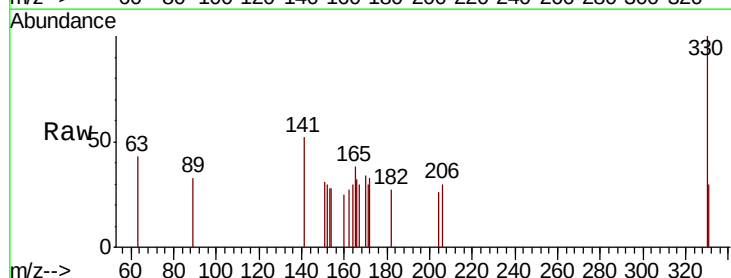
Tgt Ion:330 Resp: 303

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

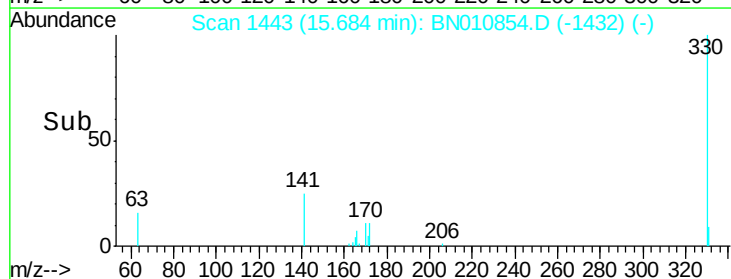
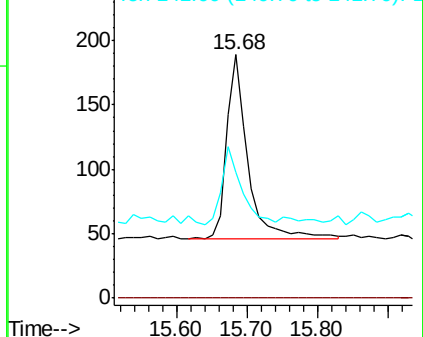
141 40.3 33.2 49.8

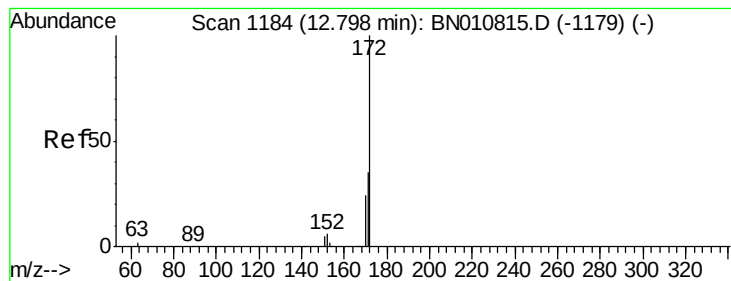


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.180 ng

RT: 12.80 min Scan# 1184

Delta R.T. 0.02 min

Lab File: BN010854.D

Acq: 12 Jun 2020 22:31

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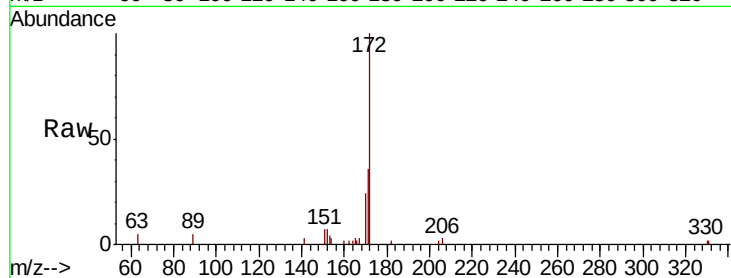
Tot Ion:172 Resp: 3718

Ion Ratio Lower Upper

172 100

171 35.5 28.5 42.7

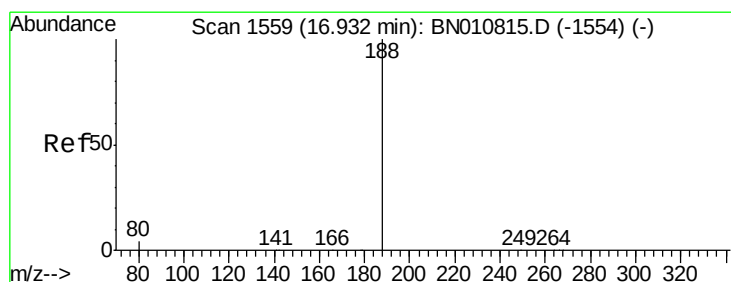
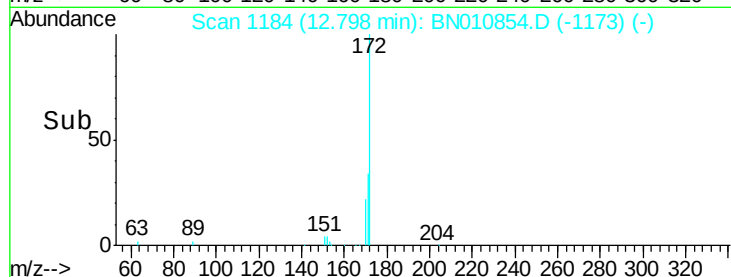
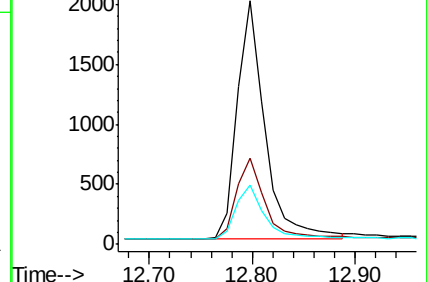
170 24.2 19.7 29.5



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# 1558

Delta R.T. 0.01 min

Lab File: BN010854.D

Acq: 12 Jun 2020 22:31

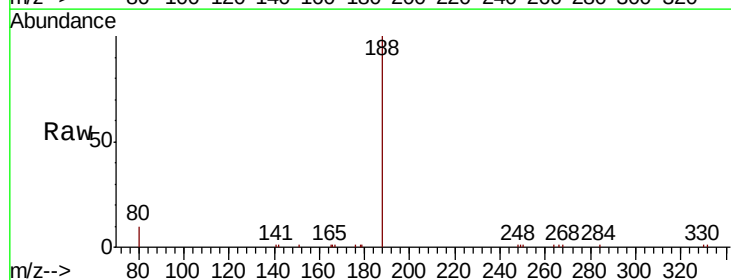
Tgt Ion:188 Resp: 11180

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

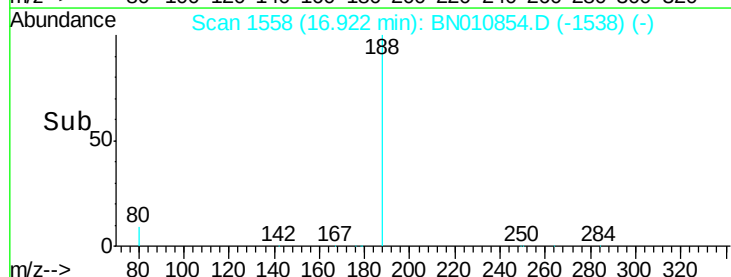
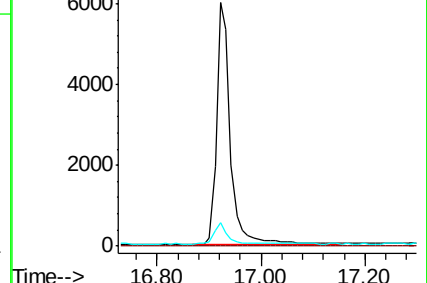
80 9.7 4.5 6.7#

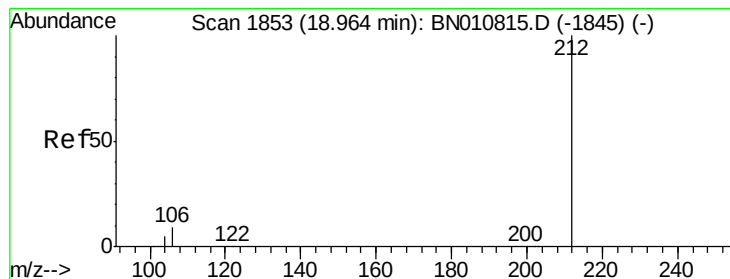


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#25

Fluoranthene-d10

Concen: 0.166 ng

RT: 18.96 min Scan# 1853

Delta R.T. 0.02 min

Lab File: BN010854.D

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Instrument :

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RE132D4-20200608DL

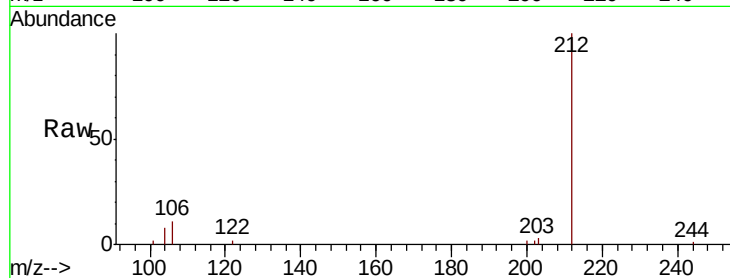
Tot Ion:212 Resp: 5109

Ion Ratio Lower Upper

212 100

106 10.3 6.6 10.0#

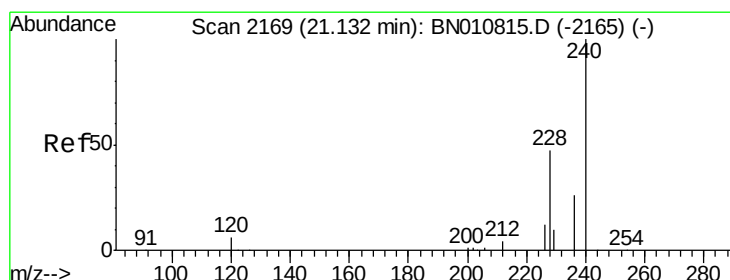
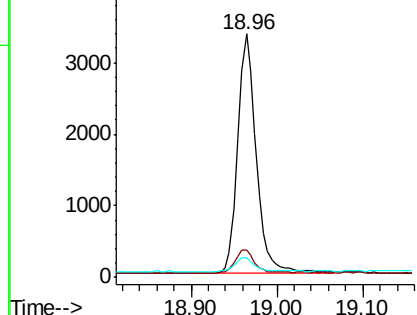
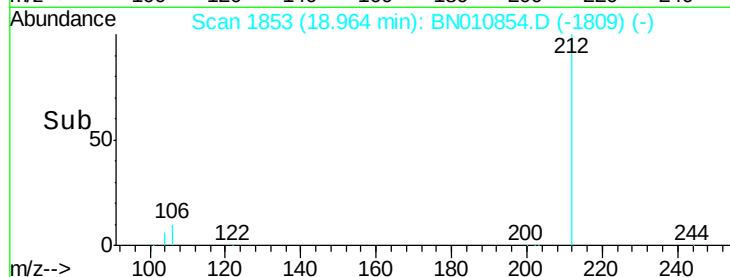
104 6.0 4.0 6.0#



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# 2169

Delta R.T. 0.01 min

Lab File: BN010854.D

Acq: 12 Jun 2020 22:31

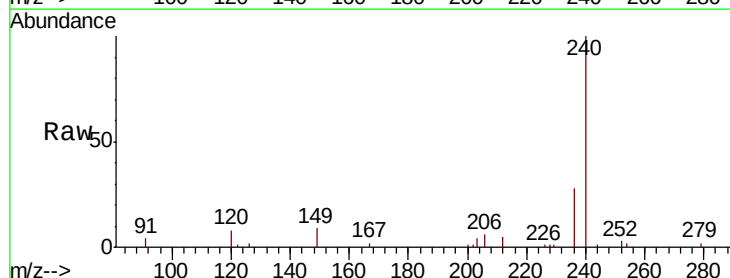
Tgt Ion:240 Resp: 10667

Ion Ratio Lower Upper

240 100

120 8.0 7.5 11.3

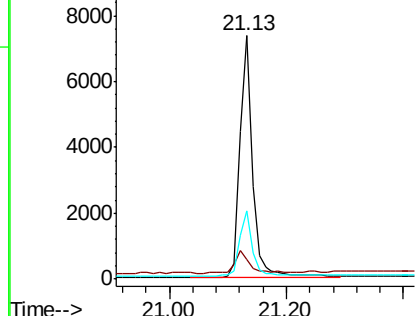
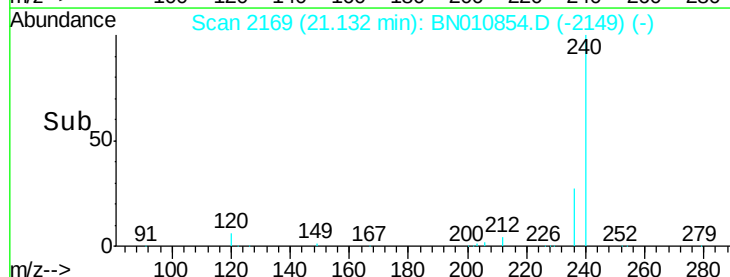
236 28.1 22.3 33.5

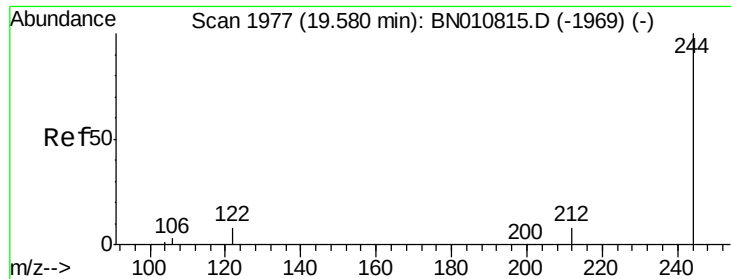


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.212 ng

RT: 19.57 min Scan# 1976

Delta R.T. 0.01 min

Lab File: BN010854.D

Acq: 12 Jun 2020 22:31

Instrument :

BNA_N

ClientSampleId :

RE132D4-20200608DL

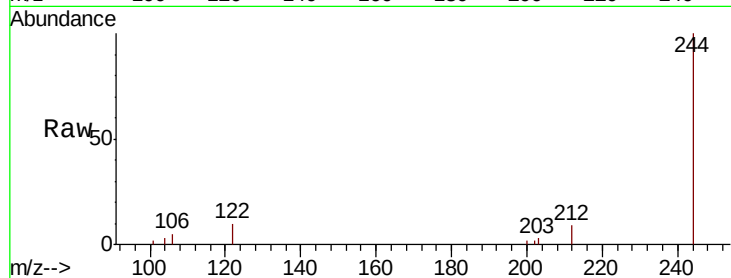
Tot Ion:244 Resp: 5300

Ion Ratio Lower Upper

244 100

212 8.9 7.4 11.2

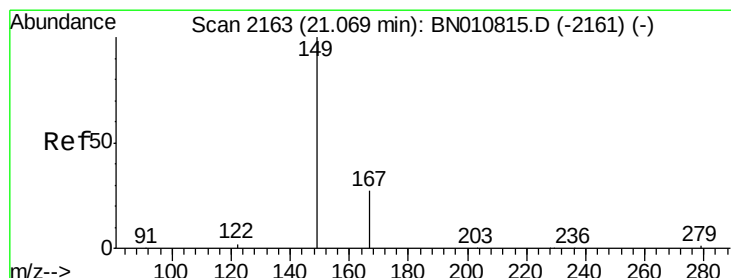
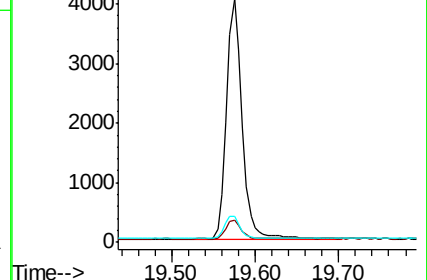
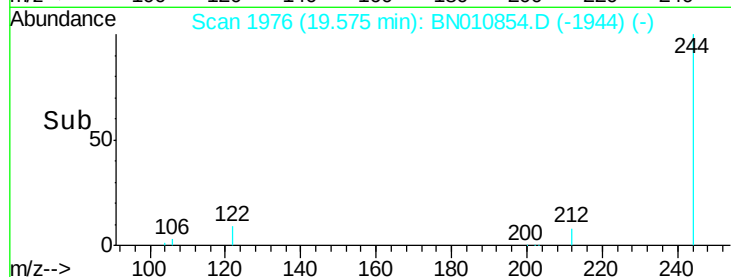
122 10.5 7.5 11.3



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: 0.050 ng

RT: 21.07 min Scan# 2163

Delta R.T. 0.01 min

Lab File: BN010854.D

Acq: 12 Jun 2020 22:31

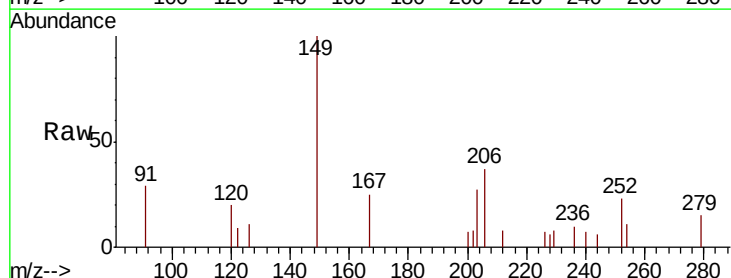
Tgt Ion:149 Resp: 520

Ion Ratio Lower Upper

149 100

167 29.6 24.1 36.1

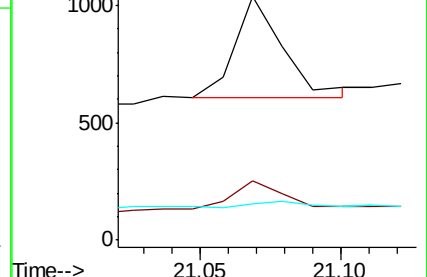
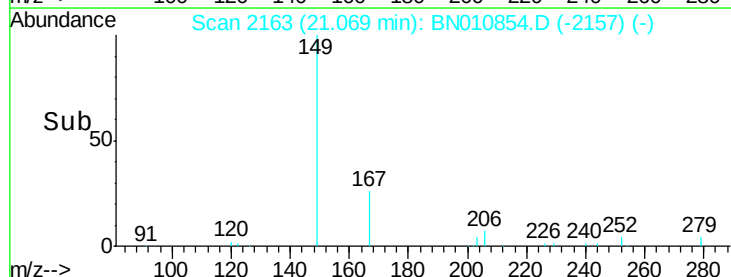
279 7.7 4.6 7.0#

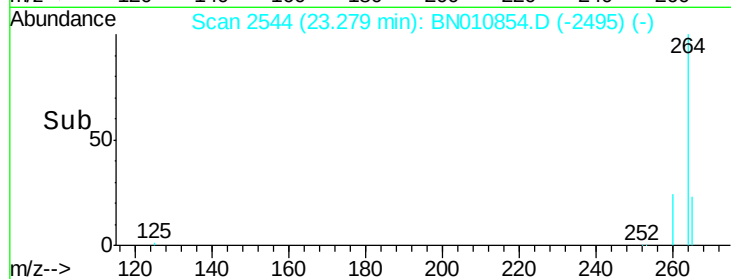
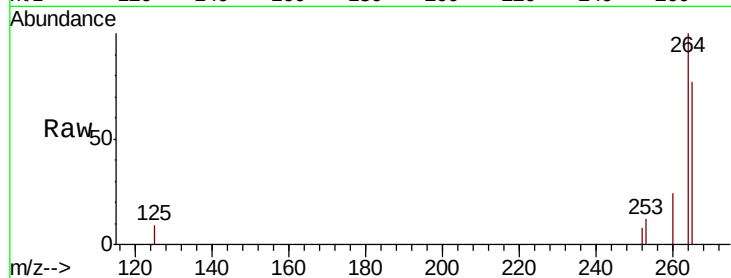
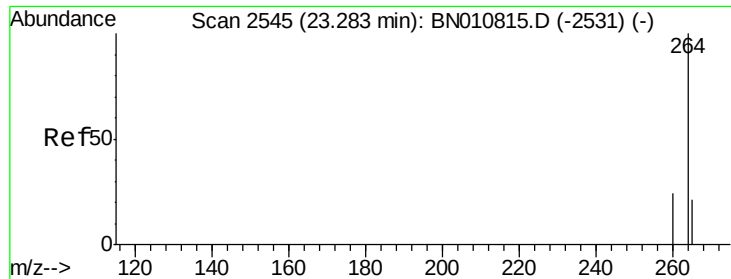


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.28 min Scan# 2544

Delta R.T. 0.02 min

Lab File: BN010854.D

Acq: 12 Jun 2020 22:31

Instrument :

BNA_N

ClientSampleId :

RE132D4-20200608DL

Tot Ion:264 Resp: 11641

Ion Ratio Lower Upper

264 100

260 24.4 20.4 30.6

265 77.3 75.0 112.4

