

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061620\
 Data File : BN010928.D
 Acq On : 17 Jun 2020 05:06
 Operator : CG/JU
 Sample : L3011-13
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE123D1-20200612

Quant Time: Jun 17 07:03:45 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

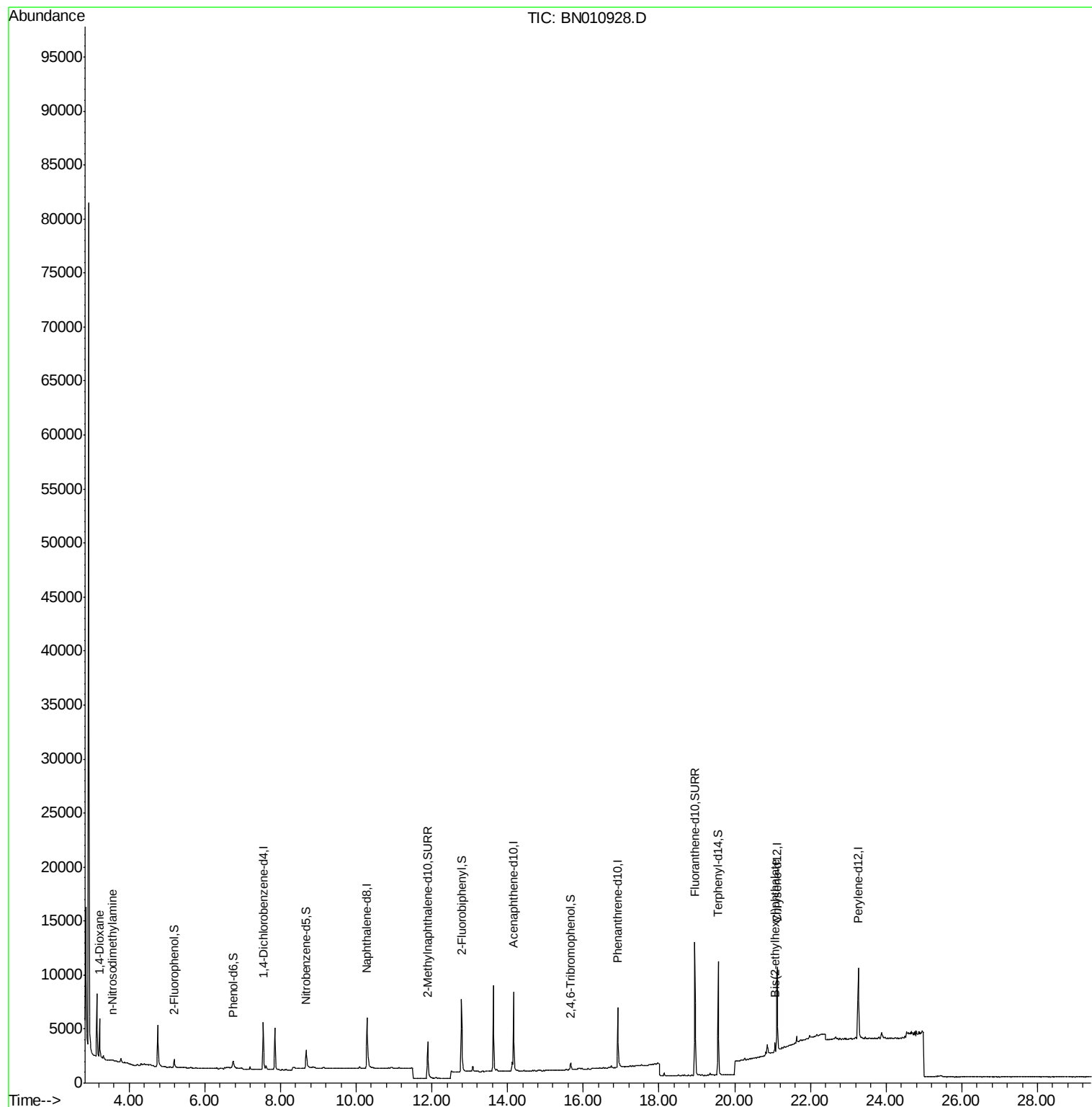
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	2255	0.40	ng	0.00
7) Naphthalene-d8	10.29	136	7674	0.40	ng	-0.01
13) Acenaphthene-d10	14.16	164	4241	0.40	ng	0.00
19) Phenanthrene-d10	16.92	188	9064	0.40	ng	0.00
27) Chrysene-d12	21.12	240	8872	0.40	ng	0.00
34) Perylene-d12	23.26	264	9150	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	783	0.18	ng	0.00
5) Phenol-d6	6.74	99	626	0.12	ng	0.00
8) Nitrobenzene-d5	8.68	82	2215	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	11.89	152	5662	0.48	ng	0.00
14) 2,4,6-Tribromophenol	15.67	330	578	0.38	ng	0.00
15) 2-Fluorobiphenyl	12.78	172	6754	0.40	ng	0.00
25) Fluoranthene-d10	18.95	212	15240	0.61	ng	0.00
29) Terphenyl-d14	19.56	244	11474	0.55	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.22	88	2971	1.345	ng	Qvalue 97
3) n-Nitrosodimethylamine	3.56	42	56	0.044	ng	# 10
32) Bis(2-ethylhexyl)phthalate	21.06	149	804	0.092	ng	96

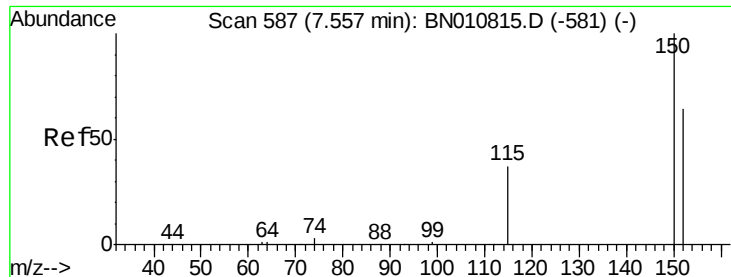
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 16 08:49:35 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.54 min Scan# 585

Delta R.T. -0.01 min

Lab File: BN010928.D

Acq: 17 Jun 2020 05:06

Instrument :

BNA_N

ClientSampleId :

RE123D1-20200612

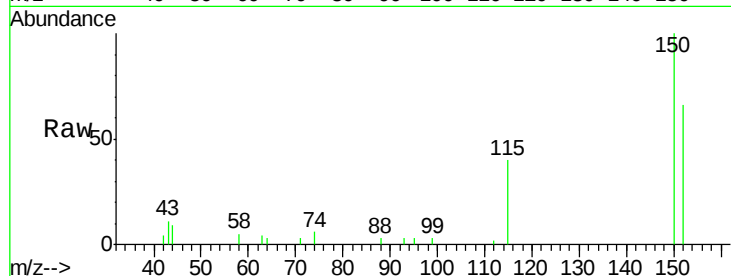
Tot Ion:152 Resp: 2255

Ion Ratio Lower Upper

152 100

150 152.3 123.8 185.6

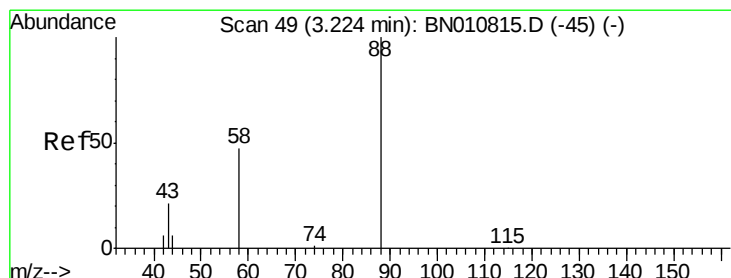
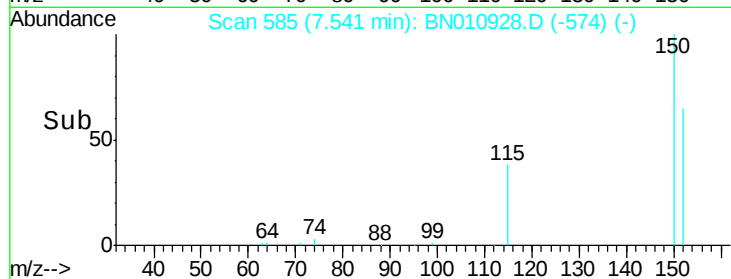
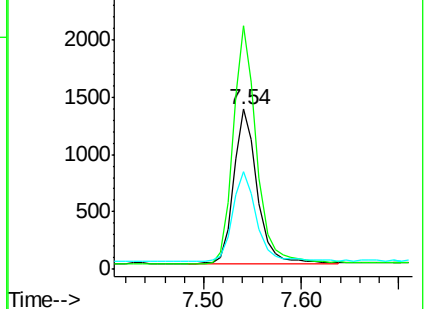
115 61.4 49.2 73.8



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: 1.345 ng

RT: 3.22 min Scan# 48

Delta R.T. -0.01 min

Lab File: BN010928.D

Acq: 17 Jun 2020 05:06

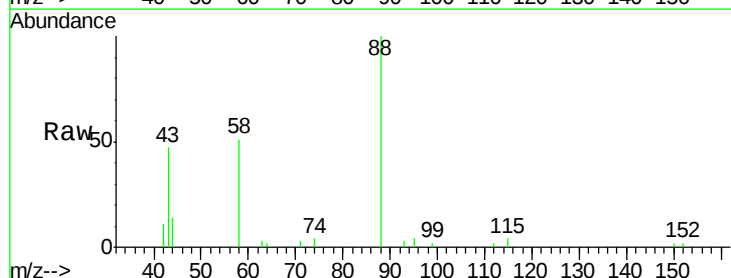
Tgt Ion: 88 Resp: 2971

Ion Ratio Lower Upper

88 100

58 46.5 38.2 57.4

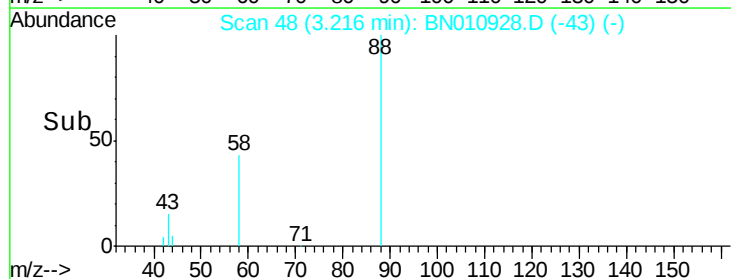
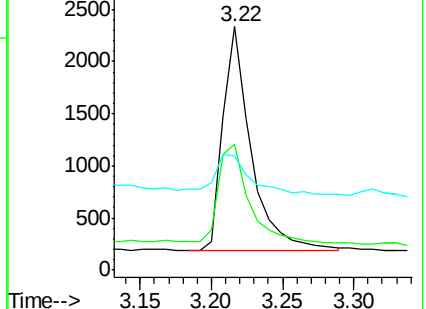
43 21.6 15.1 22.7

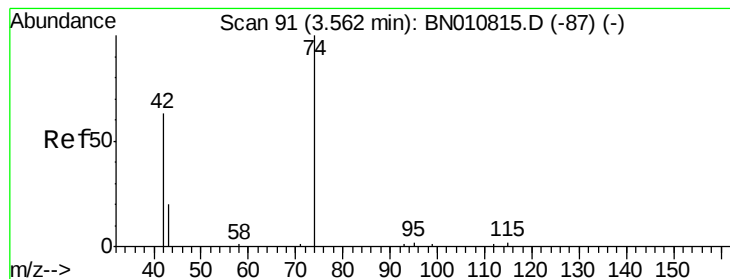


Abundance Ion 88.00 (87.70 to 88.70): BN0

Ion 58.00 (57.70 to 58.70): BN0

Ion 43.00 (42.70 to 43.70): BN0





#3

n-Nitrosodimethylamine

Concen: 0.044 ng

RT: 3.56 min Scan# 91

Delta R.T. 0.02 min

Lab File: BN010928.D

Acq: 17 Jun 2020 05:06

Instrument :

BNA_N

ClientSampleId :

RE123D1-20200612

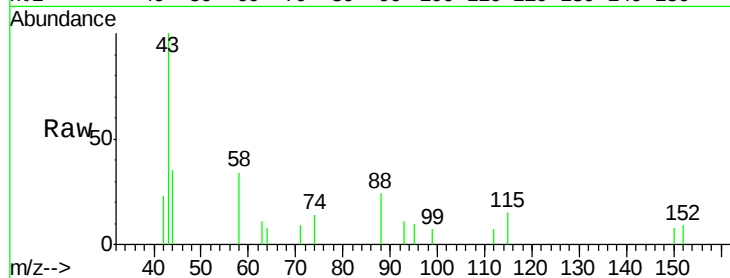
Tot Ion: 42 Resp: 56

Ion Ratio Lower Upper

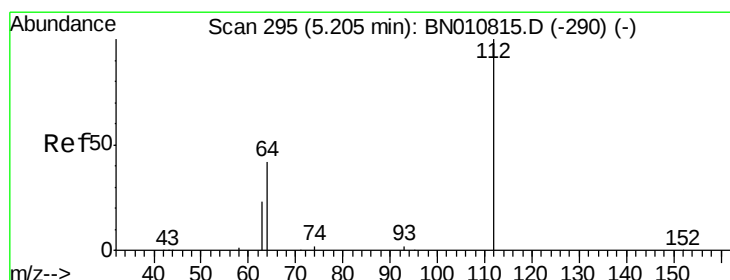
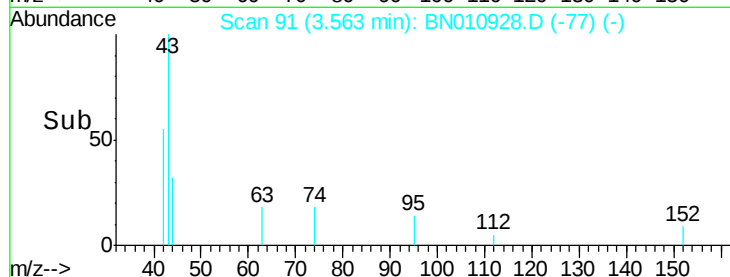
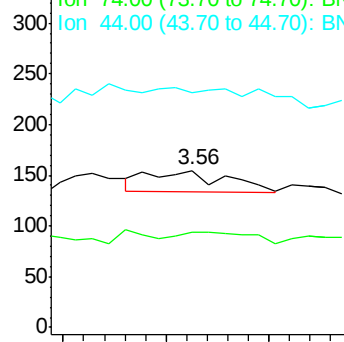
42 100

74 48.2 140.7 211.1#

44 0.0 1.4 2.2#



Abundance Ion 42.00 (41.70 to 42.70): BN0
Ion 74.00 (73.70 to 74.70): BN0
Ion 44.00 (43.70 to 44.70): BN0



#4

2-Fluorophenol

Concen: 0.180 ng

RT: 5.20 min Scan# 294

Delta R.T. 0.00 min

Lab File: BN010928.D

Acq: 17 Jun 2020 05:06

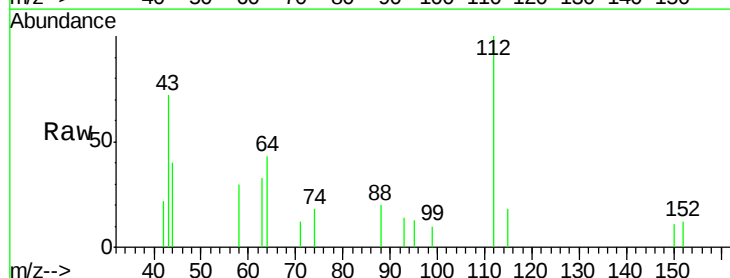
Tgt Ion: 112 Resp: 783

Ion Ratio Lower Upper

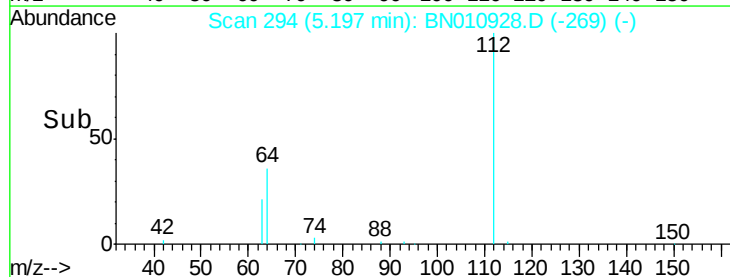
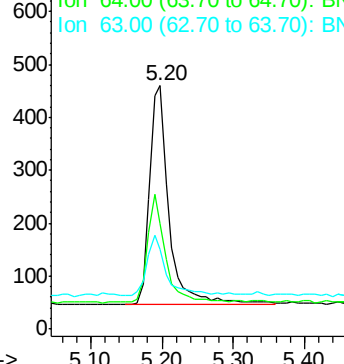
112 100

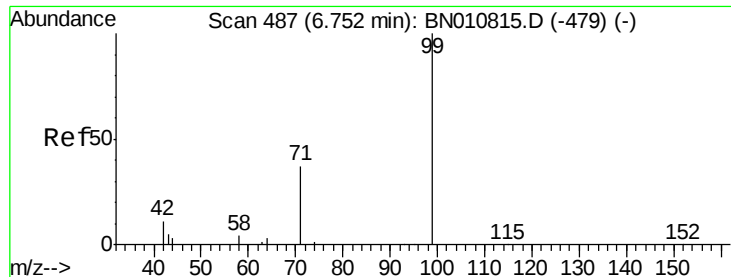
64 44.7 37.4 56.0

63 27.3 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BN0
Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.122 ng

RT: 6.74 min Scan# 485

Delta R.T. -0.01 min

Lab File: BN010928.D

Acq: 17 Jun 2020 05:06

Instrument :

BNA_N

ClientSampleId :

RE123D1-20200612

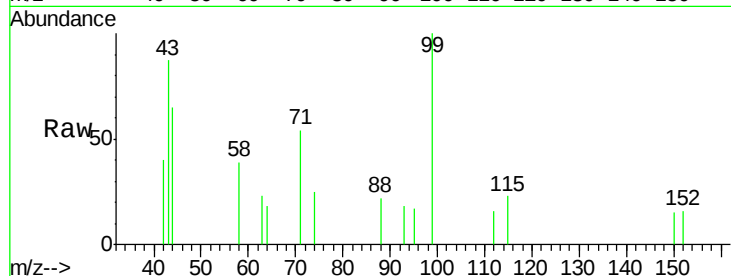
Tot Ion: 99 Resp: 626

Ion Ratio Lower Upper

99 100

42 22.0 11.1 16.7#

71 38.7 31.4 47.2

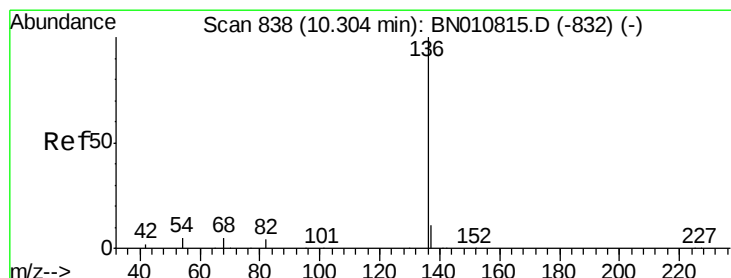
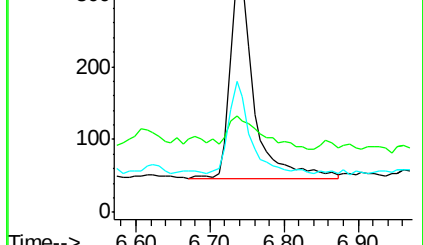
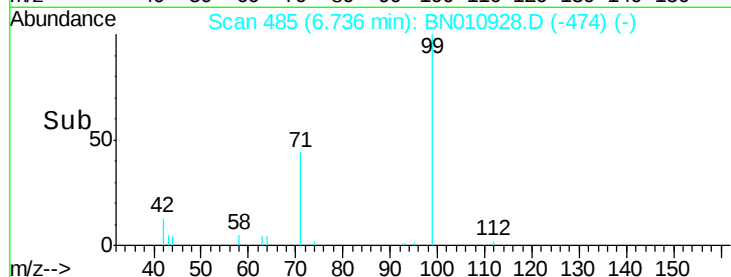


Abundance Ion 99.00 (98.70 to 99.70): BN010928.D (-479) (-)

Ion 42.00 (41.70 to 42.70): BN010928.D (-479) (-)

Ion 71.00 (70.70 to 71.70): BN010928.D (-479) (-)

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.29 min Scan# 837

Delta R.T. -0.01 min

Lab File: BN010928.D

Acq: 17 Jun 2020 05:06

Tgt Ion: 136 Resp: 7674

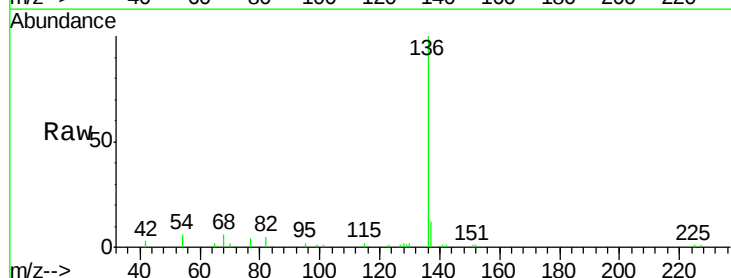
Ion Ratio Lower Upper

136 100

137 12.2 9.7 14.5

54 5.6 4.9 7.3

68 5.7 4.7 7.1



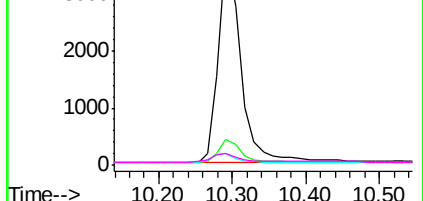
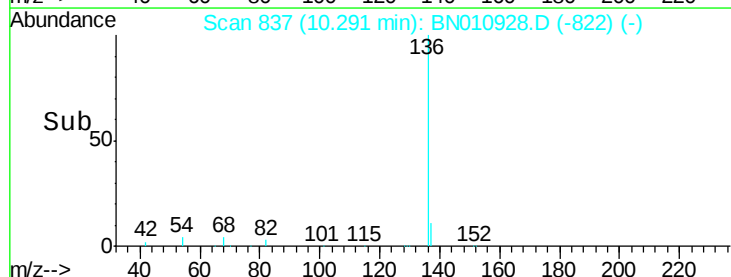
Abundance Ion 136.00 (135.70 to 136.70): BN010928.D (-822) (-)

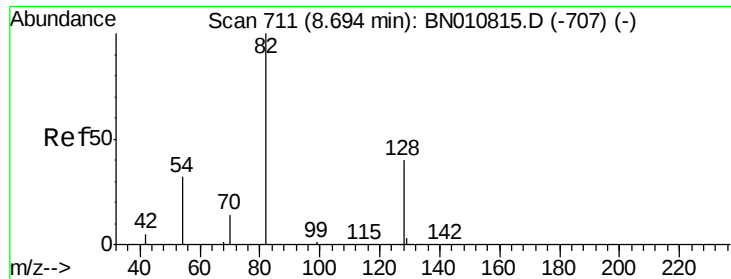
Ion 137.00 (136.70 to 137.70): BN010928.D (-822) (-)

Ion 54.00 (53.70 to 54.70): BN010928.D (-822) (-)

Ion 68.00 (67.70 to 68.70): BN010928.D (-822) (-)

Time-->





#8

Nitrobenzene-d5

Concen: 0.390 ng

RT: 8.68 min Scan# 710

Delta R.T. 0.00 min

Lab File: BN010928.D

Acq: 17 Jun 2020 05:06

Instrument :

BNA_N

ClientSampleId :

RE123D1-20200612

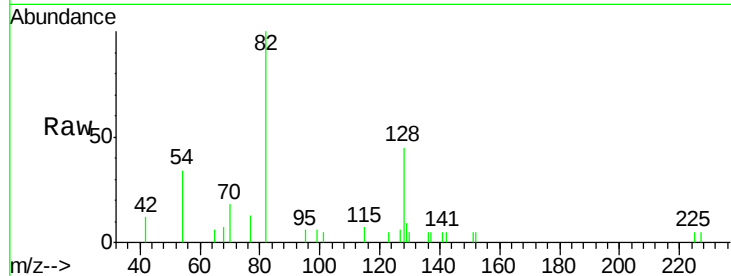
Tot Ion: 82 Resp: 2215

Ion Ratio Lower Upper

82 100

128 44.5 35.4 53.0

54 34.0 28.2 42.4

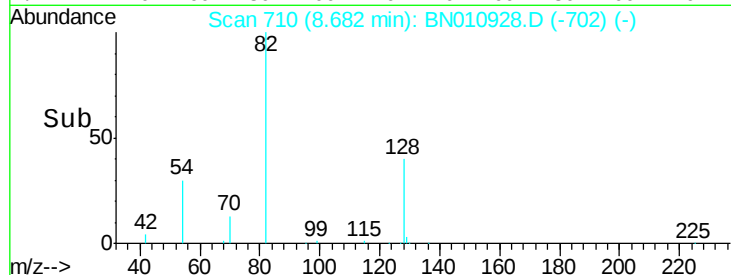


Abundance Ion 82.00 (81.70 to 82.70): BN010815.D (-707) (-)

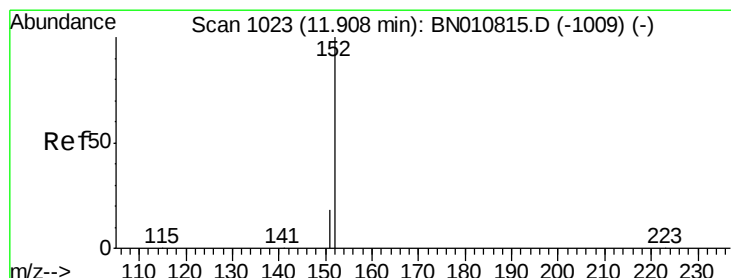
Ion 128.00 (127.70 to 128.70): BN010815.D (-707) (-)

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

Time-->



Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.476 ng

RT: 11.89 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BN010928.D

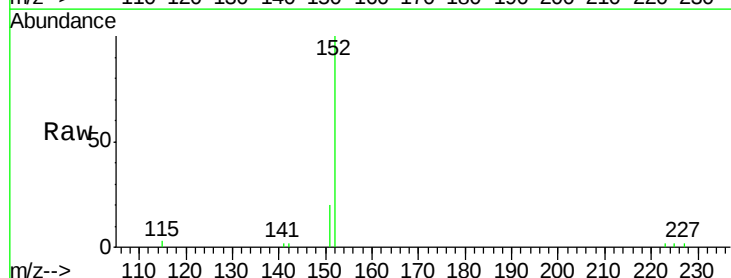
Acq: 17 Jun 2020 05:06

Tgt Ion: 152 Resp: 5662

Ion Ratio Lower Upper

152 100

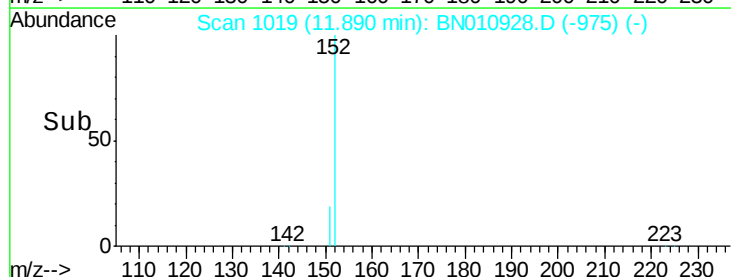
151 19.5 15.3 22.9



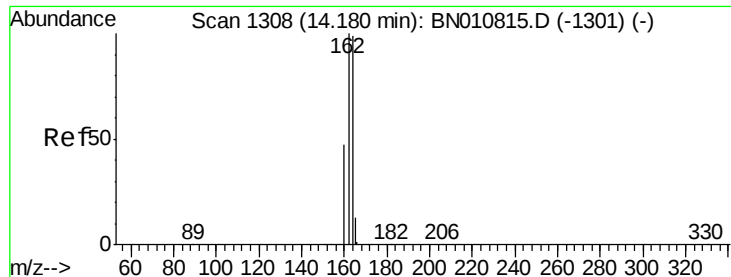
Abundance Ion 152.00 (151.70 to 152.70): BN010815.D (-1009) (-)

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

Time-->



Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.16 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BN010928.D

Acq: 17 Jun 2020 05:06

Instrument :

BNA_N

ClientSampleId :

RE123D1-20200612

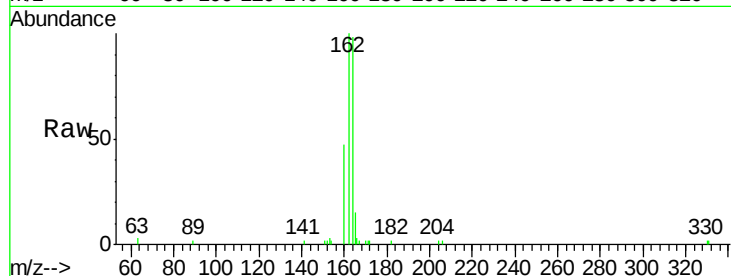
Tot Ion:164 Resp: 4241

Ion Ratio Lower Upper

164 100

162 101.6 81.0 121.6

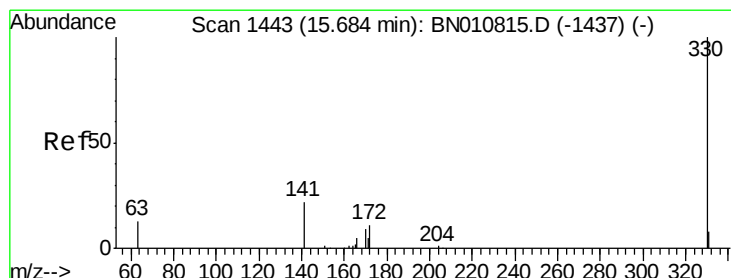
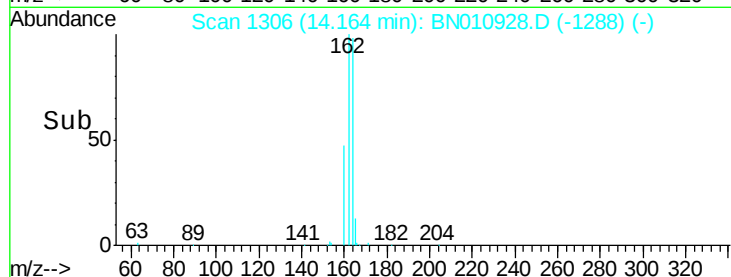
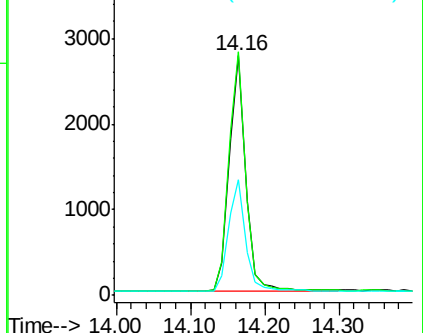
160 48.1 38.9 58.3



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: 0.381 ng

RT: 15.67 min Scan# 1441

Delta R.T. -0.00 min

Lab File: BN010928.D

Acq: 17 Jun 2020 05:06

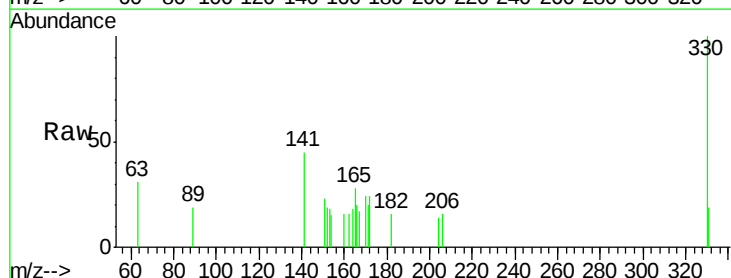
Tgt Ion:330 Resp: 578

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

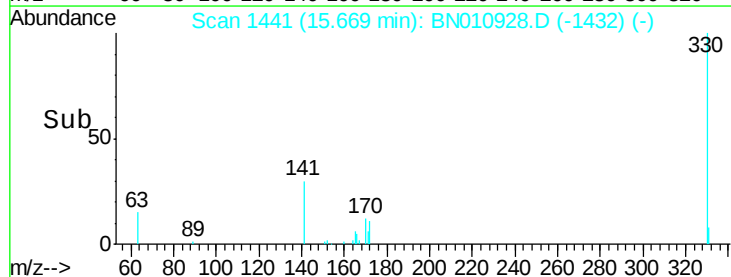
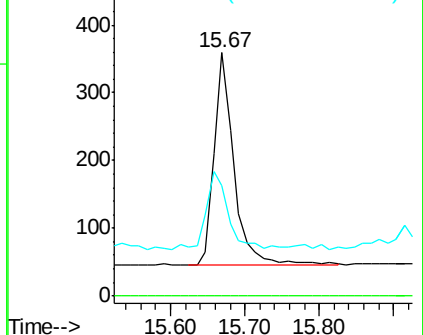
141 41.2 33.2 49.8

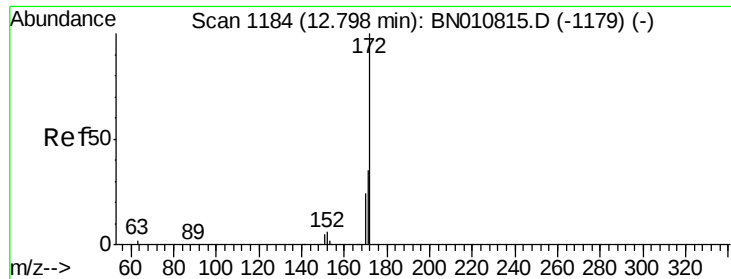


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

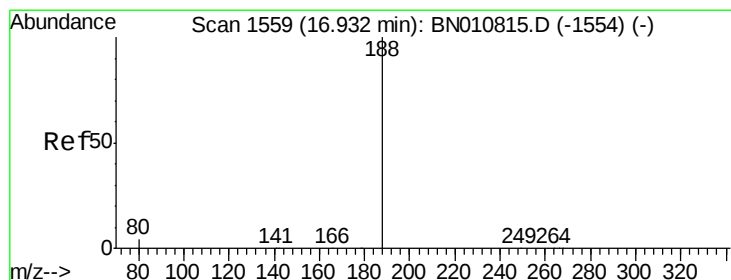
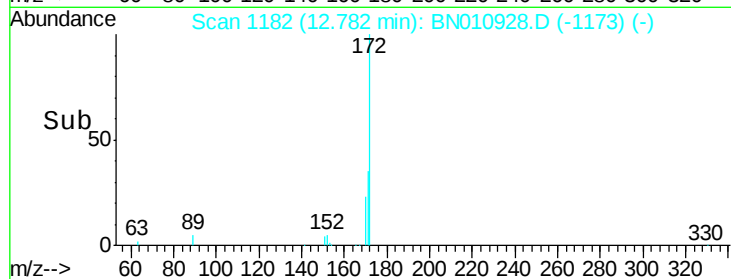
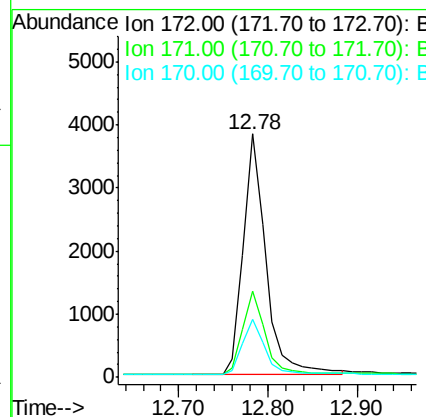
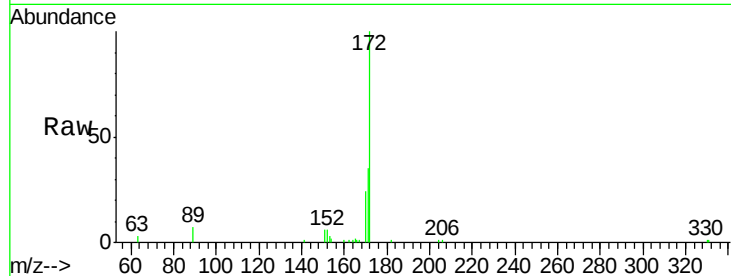




#15
2-Fluorobiphenyl
Concen: 0.404 ng
RT: 12.78 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BN010928.D
Acq: 17 Jun 2020 05:06

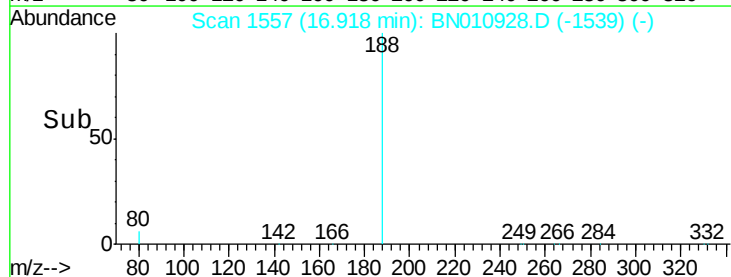
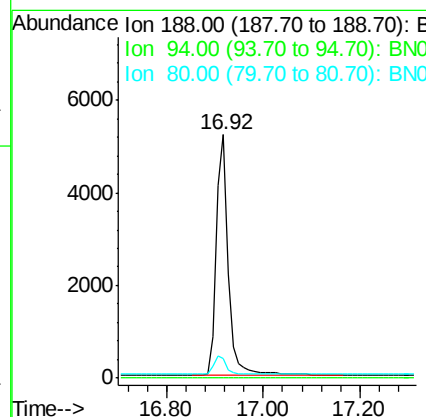
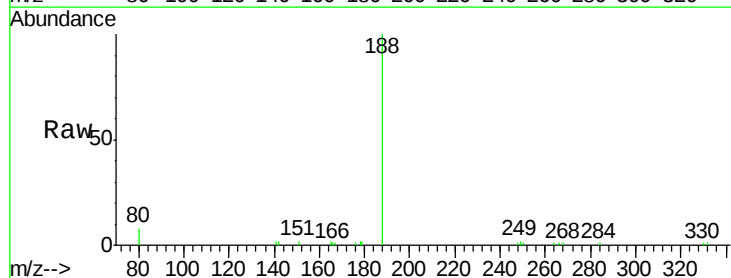
Instrument :
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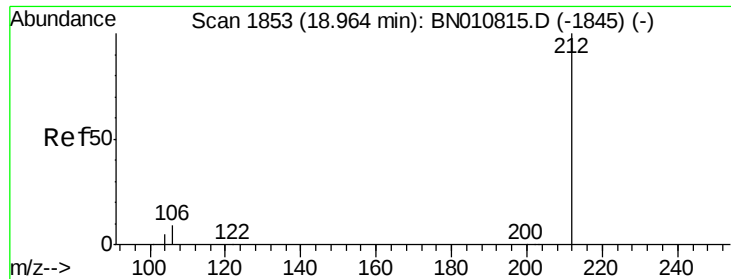
Tot Ion:172 Resp: 6754
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 23.6 19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.92 min Scan# 1557
Delta R.T. -0.00 min
Lab File: BN010928.D
Acq: 17 Jun 2020 05:06

Tgt Ion:188 Resp: 9064
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.8 4.5 6.7#





#25

Fluoranthene-d10

Concen: 0.609 ng

RT: 18.95 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BN010928.D

Acq: 17 Jun 2020 05:06

Instrument :

BNA_N

ClientSampleId :

RE123D1-20200612

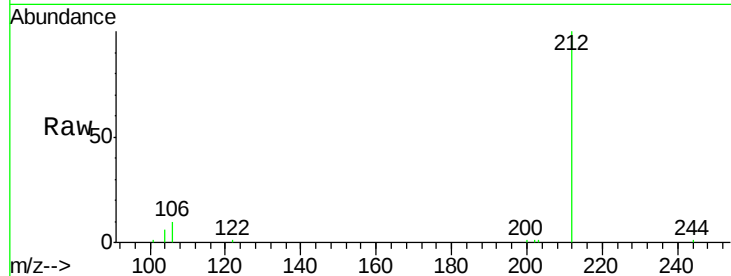
Tot Ion:212 Resp: 15240

Ion Ratio Lower Upper

212 100

106 9.6 6.6 10.0

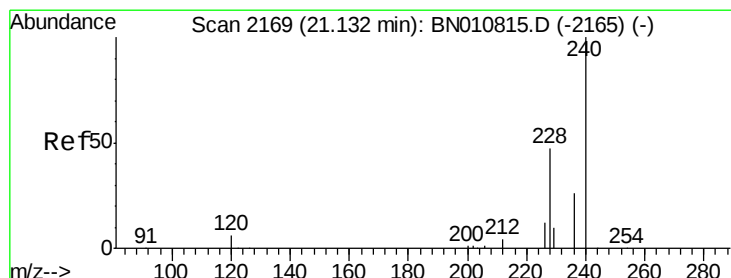
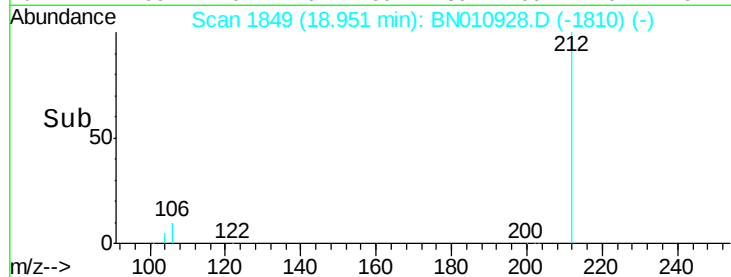
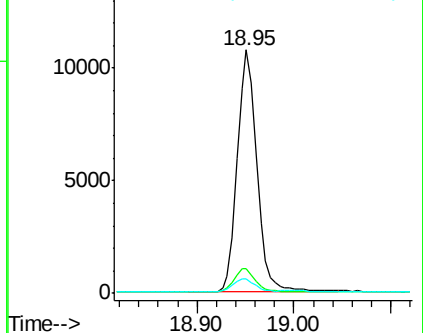
104 5.3 4.0 6.0



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: BN010928.D

Acq: 17 Jun 2020 05:06

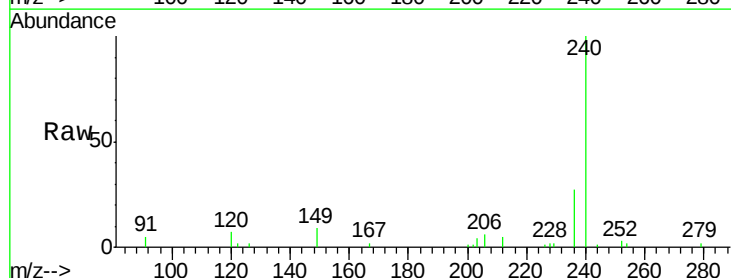
Tgt Ion:240 Resp: 8872

Ion Ratio Lower Upper

240 100

120 7.5 7.5 11.3#

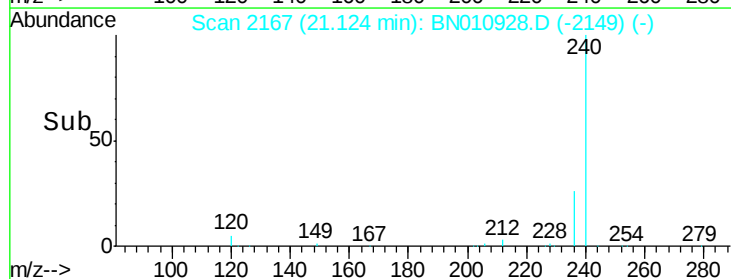
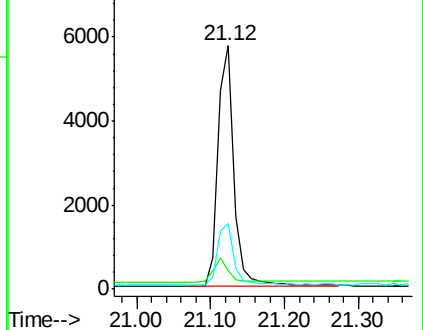
236 27.0 22.3 33.5

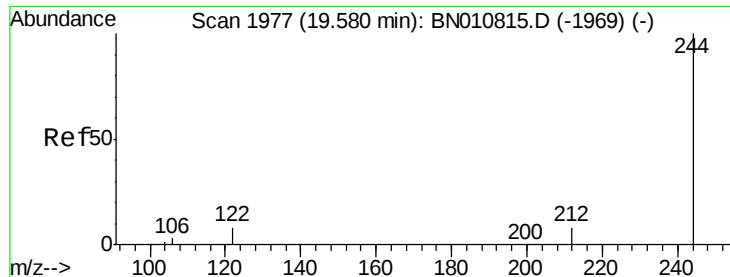


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.553 ng

RT: 19.56 min Scan# 1972

Delta R.T. -0.01 min

Lab File: BN010928.D

Acq: 17 Jun 2020 05:06

Instrument :

BNA_N

ClientSampleId :

RE123D1-20200612

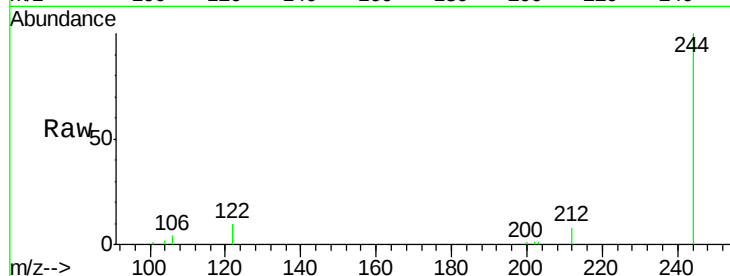
Tot Ion:244 Resp: 11474

Ion Ratio Lower Upper

244 100

212 8.5 7.4 11.2

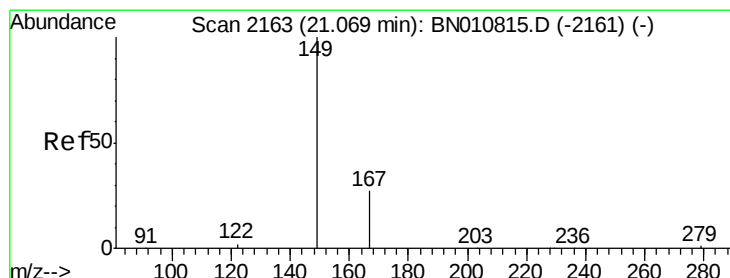
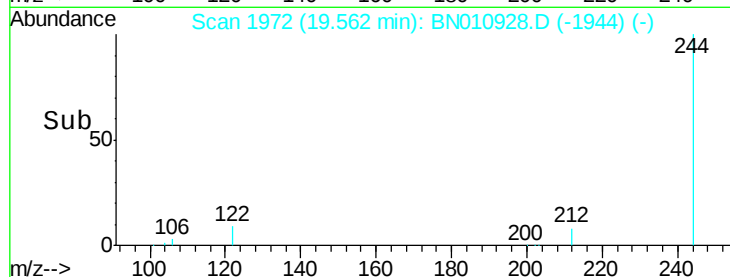
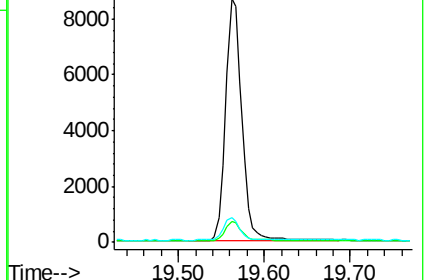
122 10.1 7.5 11.3



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: 0.092 ng

RT: 21.06 min Scan# 2161

Delta R.T. -0.01 min

Lab File: BN010928.D

Acq: 17 Jun 2020 05:06

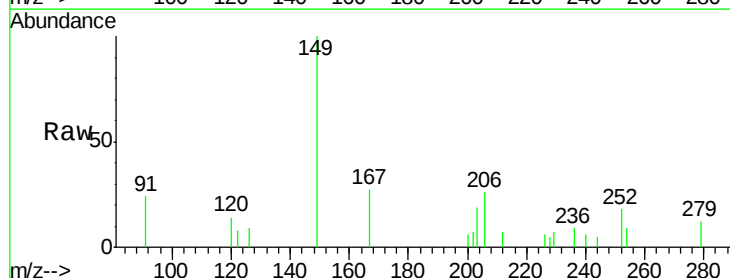
Tgt Ion:149 Resp: 804

Ion Ratio Lower Upper

149 100

167 27.5 24.1 36.1

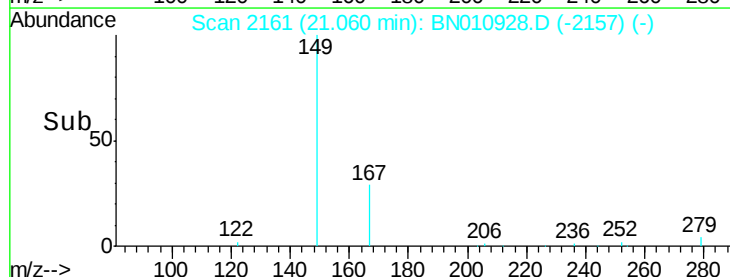
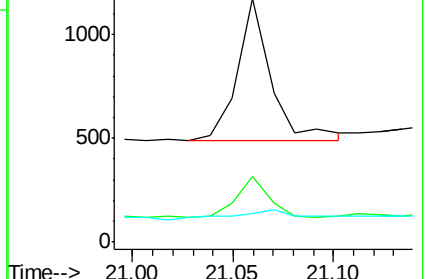
279 5.1 4.6 7.0

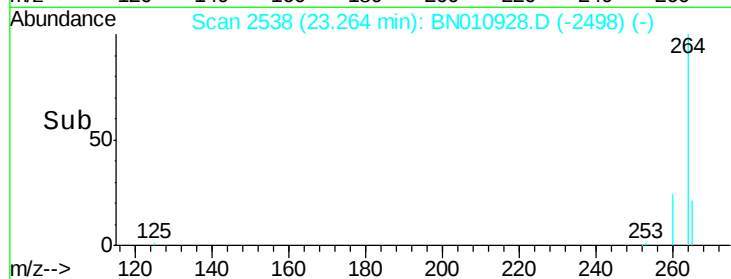
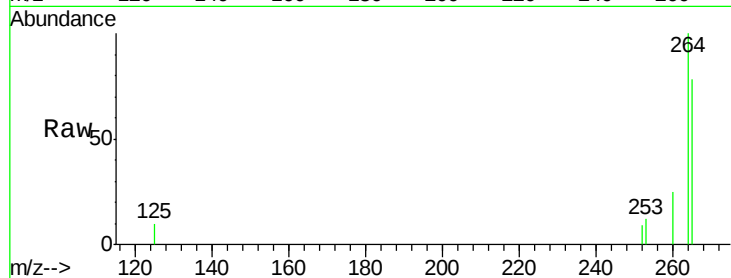
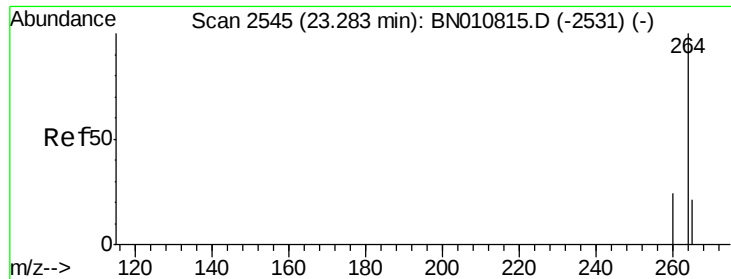


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.26 min Scan# 2538

Delta R.T. -0.01 min

Lab File: BN010928.D

Acq: 17 Jun 2020 05:06

Instrument :

BNA_N

ClientSampleId :

RE123D1-20200612

Tot Ion: 264 Resp: 9150

Ion Ratio Lower Upper

264 100

260 25.2 20.4 30.6

265 77.9 75.0 112.4

