

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062220\
 Data File : BN011025.D
 Acq On : 23 Jun 2020 06:28
 Operator : CG/JU
 Sample : L3043-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT101D1-20200615

Quant Time: Jun 23 07:37:40 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

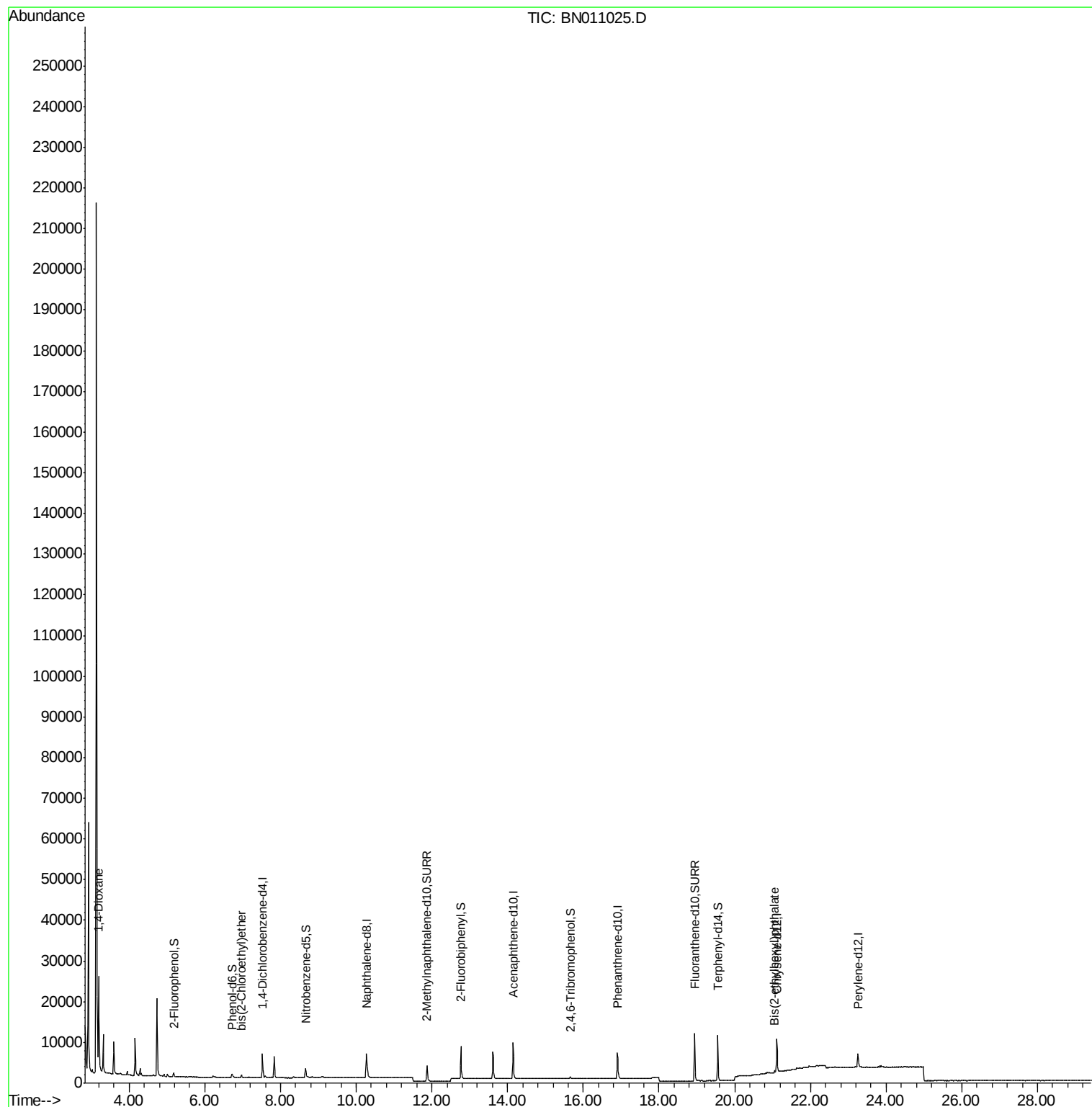
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	2912	0.40	ng	0.00
7) Naphthalene-d8	10.28	136	9691	0.40	ng	0.00
13) Acenaphthene-d10	14.15	164	5225	0.40	ng	0.00
19) Phenanthrene-d10	16.90	188	10529	0.40	ng	-0.01
27) Chrysene-d12	21.11	240	8833	0.40	ng	-0.01
34) Perylene-d12	23.26	264	4877	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	872	0.16	ng	0.00
5) Phenol-d6	6.73	99	569	0.09	ng	0.00
8) Nitrobenzene-d5	8.67	82	2908	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	11.87	152	6497	0.43	ng	0.00
14) 2,4,6-Tribromophenol	15.66	330	576	0.31	ng	0.00
15) 2-Fluorobiphenyl	12.76	172	8354	0.41	ng	-0.01
25) Fluoranthene-d10	18.94	212	14919	0.51	ng	0.00
29) Terphenyl-d14	19.55	244	11765	0.57	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.20	88	17660	6.191	ng	98
6) bis(2-Chloroethyl)ether	6.98	93	454	0.070	ng	# 86
32) Bis(2-ethylhexyl)phthalate	21.06	149	561	0.065	ng	# 97

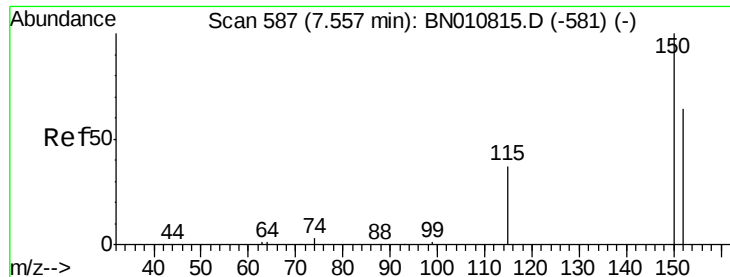
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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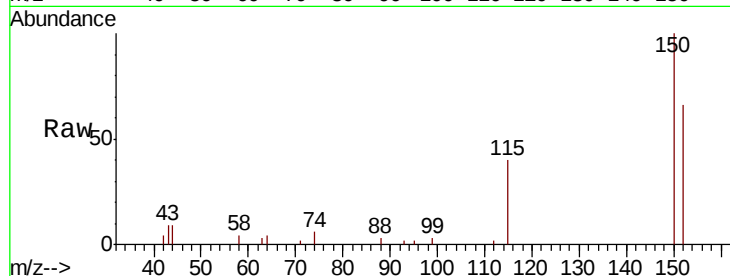


#1

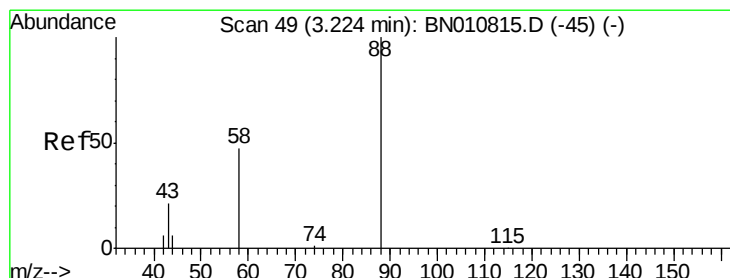
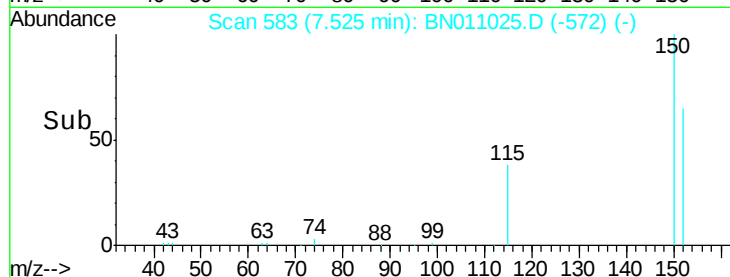
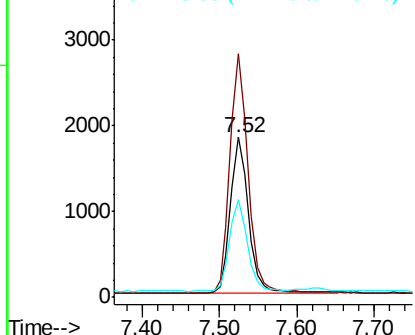
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.52 min Scan# 583
Delta R.T. -0.01 min
Lab File: BN011025.D
Acq: 23 Jun 2020 06:28

Instrument :
BNA_N
ClientSampleId :
TT101D1-20200615

Tot Ion:152 Resp: 2912
Ion Ratio Lower Upper
152 100
150 151.9 123.8 185.6
115 60.9 49.2 73.8



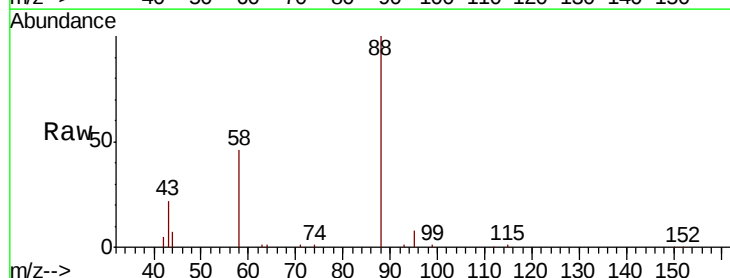
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



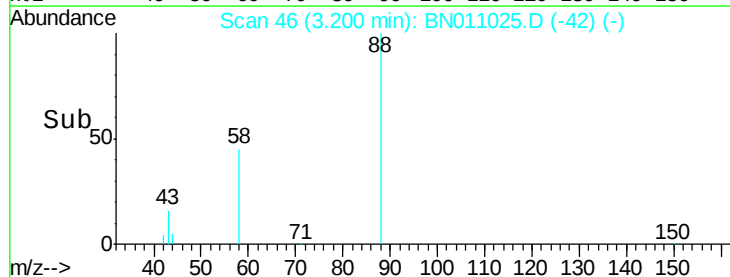
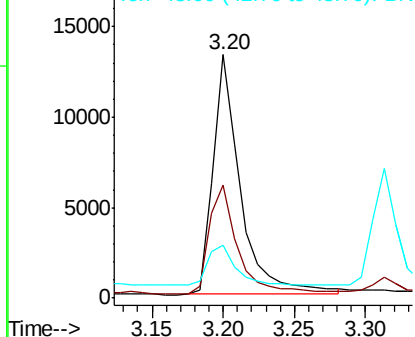
#2

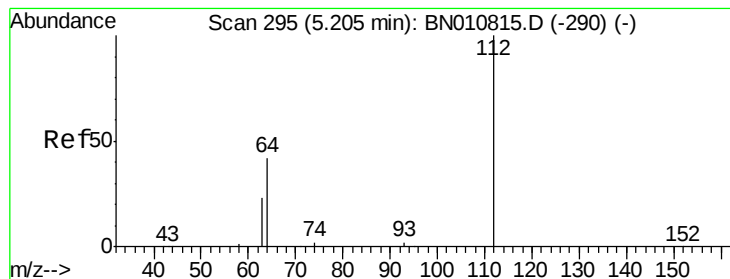
1,4-Dioxane
Concen: 6.191 ng
RT: 3.20 min Scan# 46
Delta R.T. -0.02 min
Lab File: BN011025.D
Acq: 23 Jun 2020 06:28

Tgt Ion: 88 Resp: 17660
Ion Ratio Lower Upper
88 100
58 47.4 38.2 57.4
43 16.7 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: 0.155 ng

RT: 5.18 min Scan# 292

Delta R.T. -0.00 min

Lab File: BN011025.D

Acq: 23 Jun 2020 06:28

Instrument :

BNA_N

ClientSampleId :

TT101D1-20200615

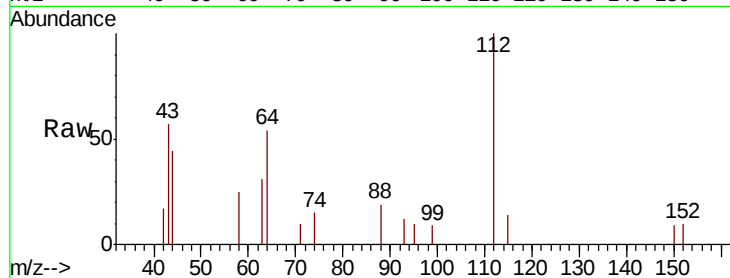
Tot Ion:112 Resp: 872

Ion Ratio Lower Upper

112 100

64 49.3 37.4 56.0

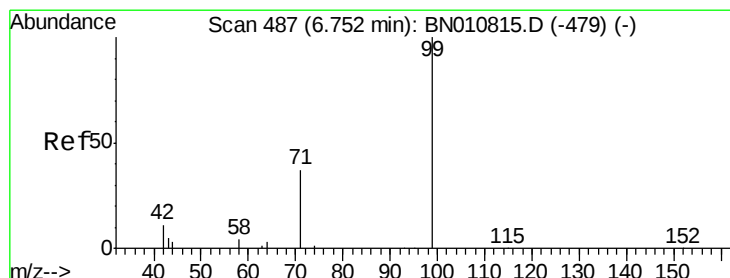
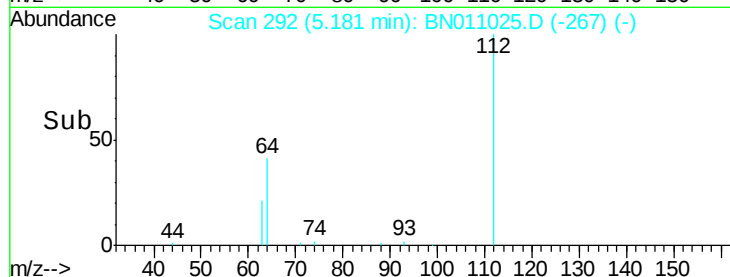
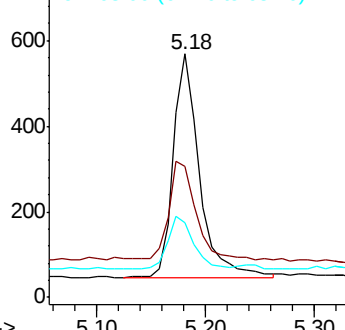
63 23.7 22.2 33.4



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: 0.086 ng

RT: 6.73 min Scan# 484

Delta R.T. -0.00 min

Lab File: BN011025.D

Acq: 23 Jun 2020 06:28

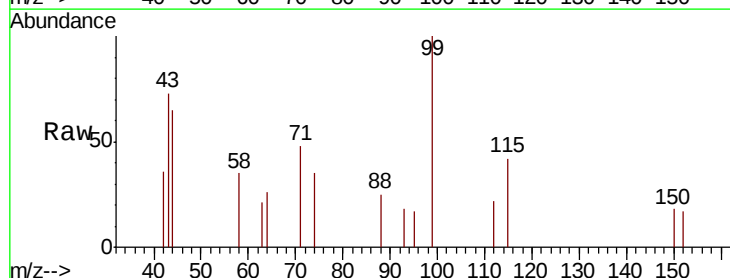
Tgt Ion: 99 Resp: 569

Ion Ratio Lower Upper

99 100

42 24.4 11.1 16.7#

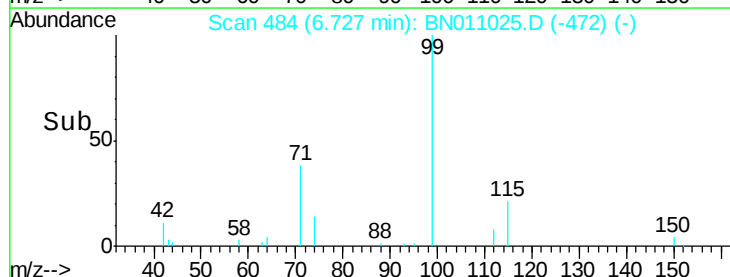
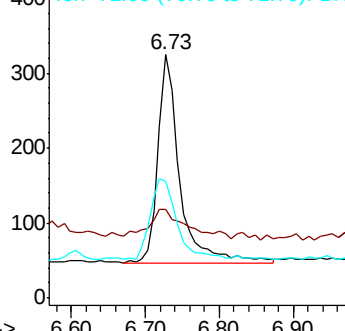
71 47.8 31.4 47.2#

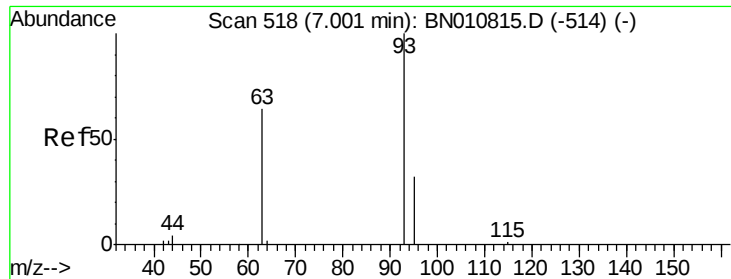


Abundance Ion 99.00 (98.70 to 99.70): BNO

Ion 42.00 (41.70 to 42.70): BNO

Ion 71.00 (70.70 to 71.70): BNO





#6

bis(2-Chloroethyl)ether

Concen: 0.070 ng

RT: 6.98 min Scan# 515

Delta R.T. -0.00 min

Lab File: BN011025.D

Acq: 23 Jun 2020 06:28

Instrument :

BNA_N

ClientSampleId :

TT101D1-20200615

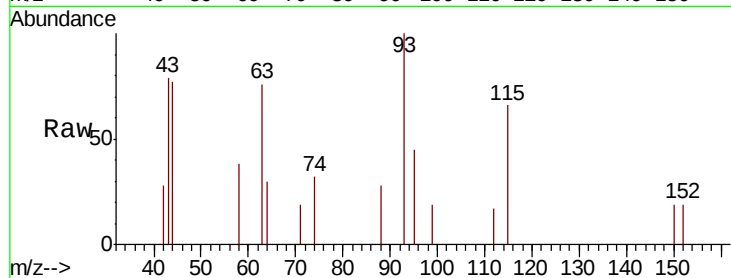
Tot Ion: 93 Resp: 454

Ion Ratio Lower Upper

93 100

63 76.4 49.4 74.2#

95 36.8 26.7 40.1

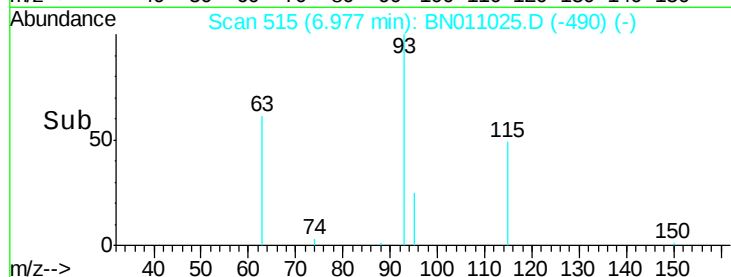


Abundance Ion 93.00 (92.70 to 93.70): BN011025.D (-490) (-)

Ion 63.00 (62.70 to 63.70): BN011025.D (-490) (-)

Ion 95.00 (94.70 to 95.70): BN011025.D (-490) (-)

Time-->



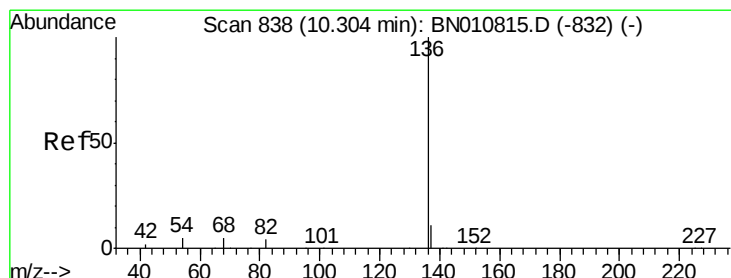
Abundance

Ion 93.00 (92.70 to 93.70): BN011025.D (-490) (-)

Ion 63.00 (62.70 to 63.70): BN011025.D (-490) (-)

Ion 95.00 (94.70 to 95.70): BN011025.D (-490) (-)

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.28 min Scan# 836

Delta R.T. -0.00 min

Lab File: BN011025.D

Acq: 23 Jun 2020 06:28

Tgt Ion: 136 Resp: 9691

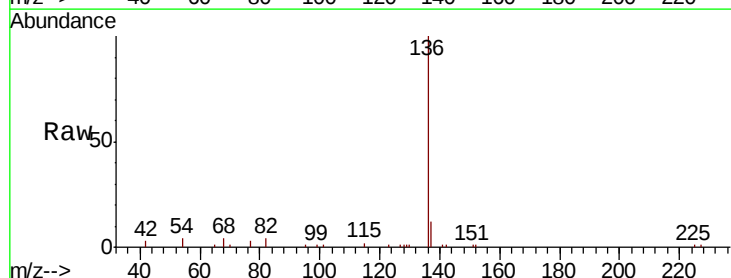
Ion Ratio Lower Upper

136 100

137 12.0 9.7 14.5

54 4.1 4.9 7.3#

68 4.3 4.7 7.1#



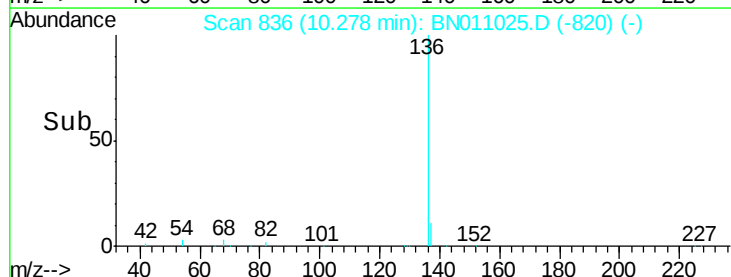
Abundance Ion 136.00 (135.70 to 136.70): BN011025.D (-820) (-)

Ion 137.00 (136.70 to 137.70): BN011025.D (-820) (-)

Ion 54.00 (53.70 to 54.70): BN011025.D (-820) (-)

Ion 68.00 (67.70 to 68.70): BN011025.D (-820) (-)

Time-->



Abundance

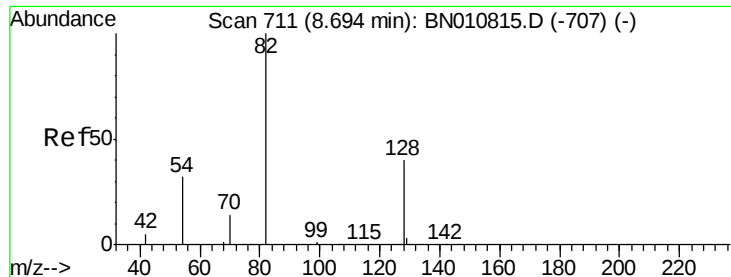
Ion 136.00 (135.70 to 136.70): BN011025.D (-820) (-)

Ion 137.00 (136.70 to 137.70): BN011025.D (-820) (-)

Ion 54.00 (53.70 to 54.70): BN011025.D (-820) (-)

Ion 68.00 (67.70 to 68.70): BN011025.D (-820) (-)

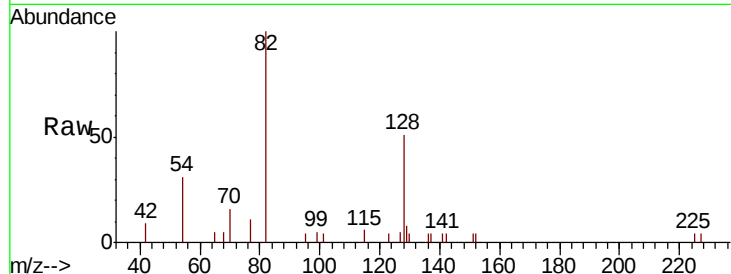
Time-->



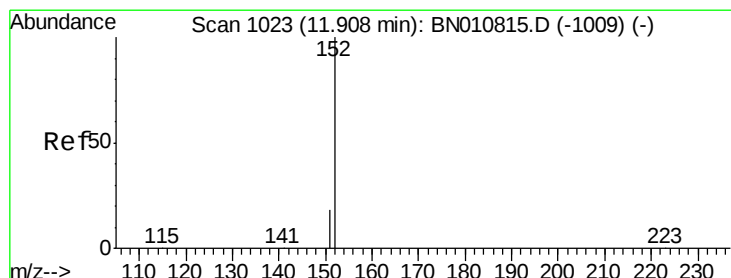
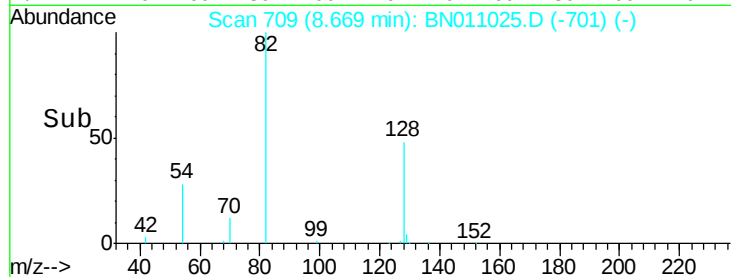
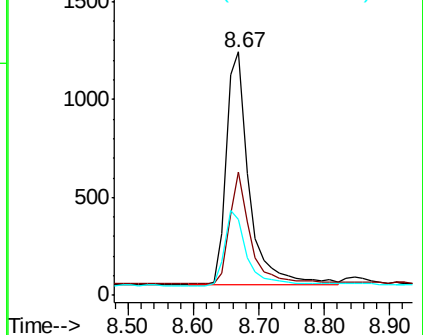
#8
 Nitrobenzene-d5
 Concen: 0.405 ng
 RT: 8.67 min Scan# 709
 Delta R.T. -0.00 min
 Lab File: BN011025.D
 Acq: 23 Jun 2020 06:28

Instrument :
 BNA_N
 ClientSampleId :
 TT101D1-20200615

Tot Ion: 82 Resp: 2908
 Ion Ratio Lower Upper
 82 100
 128 50.6 35.4 53.0
 54 31.1 28.2 42.4

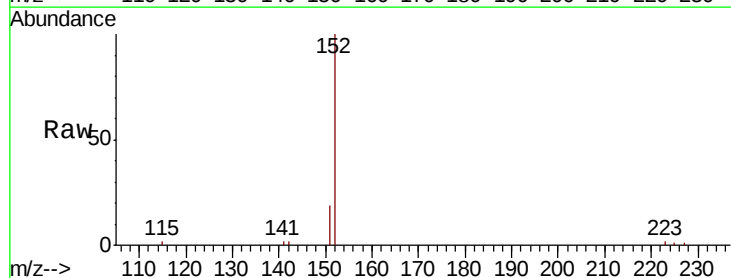


Abundance Ion 82.00 (81.70 to 82.70): BN0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BN0

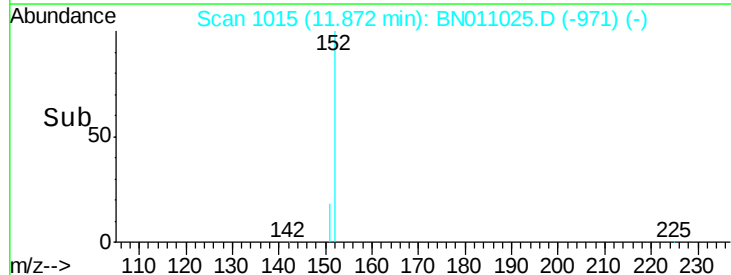
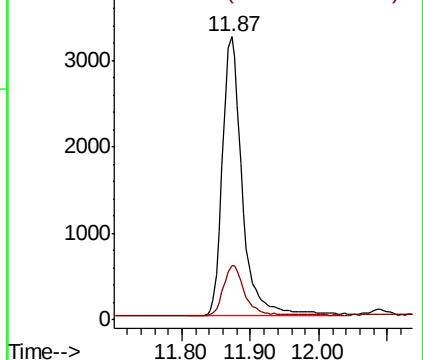


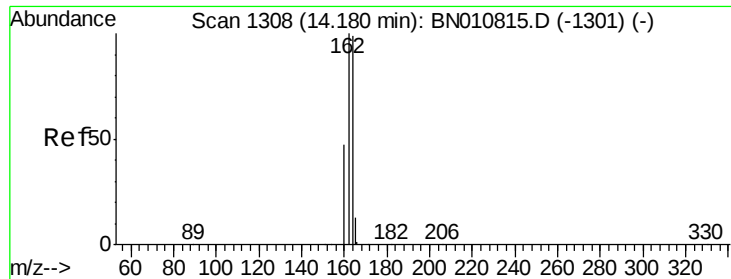
#11
 2-Methylnaphthalene-d10
 Concen: 0.432 ng
 RT: 11.87 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: BN011025.D
 Acq: 23 Jun 2020 06:28

Tgt Ion: 152 Resp: 6497
 Ion Ratio Lower Upper
 152 100
 151 19.5 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.15 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BN011025.D

Acq: 23 Jun 2020 06:28

Instrument :

BNA_N

ClientSampleId :

TT101D1-20200615

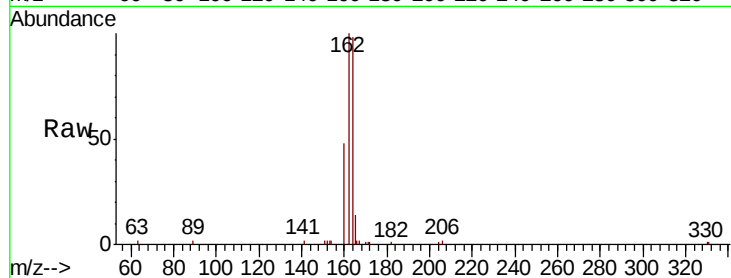
Tot Ion:164 Resp: 5225

Ion Ratio Lower Upper

164 100

162 101.6 81.0 121.6

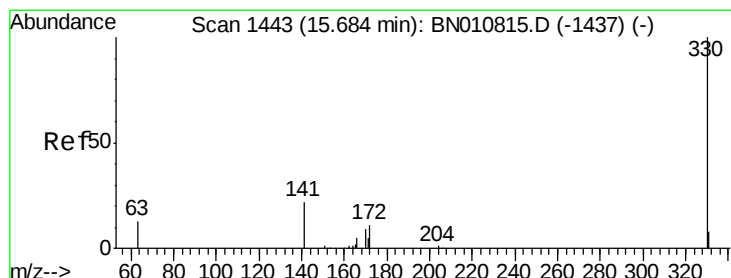
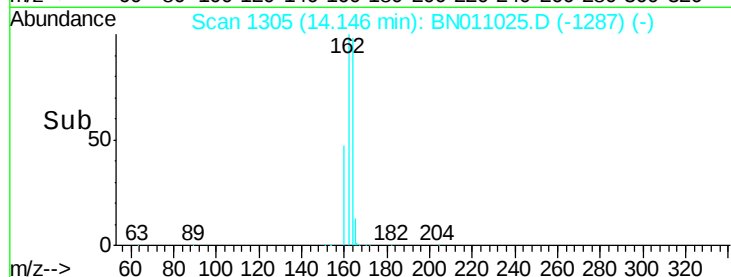
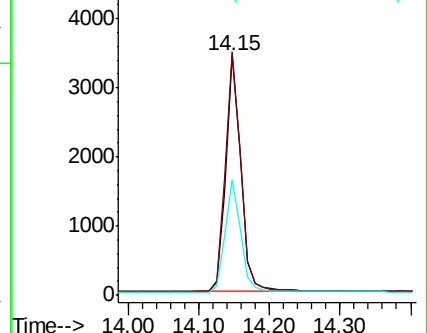
160 48.4 38.9 58.3



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: 0.308 ng

RT: 15.66 min Scan# 1441

Delta R.T. -0.00 min

Lab File: BN011025.D

Acq: 23 Jun 2020 06:28

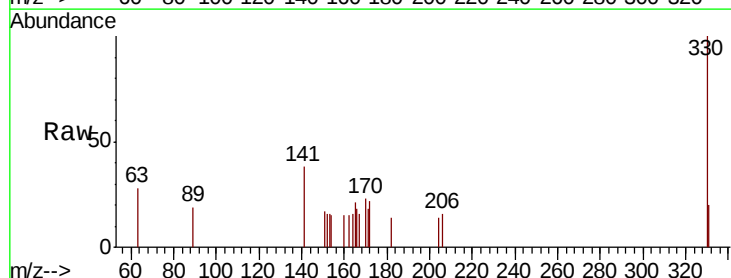
Tgt Ion:330 Resp: 576

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

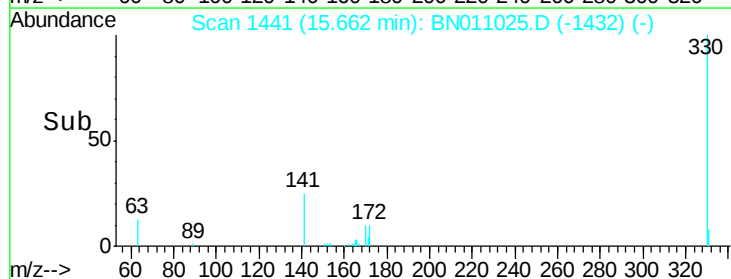
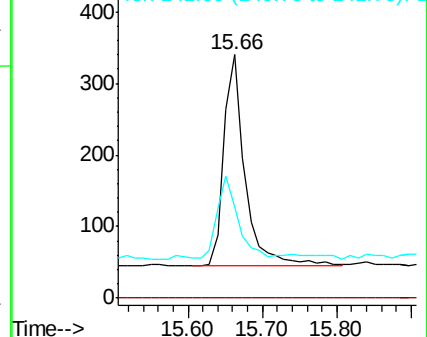
141 38.0 33.2 49.8

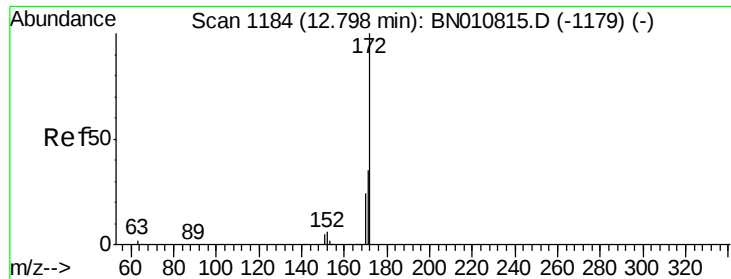


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

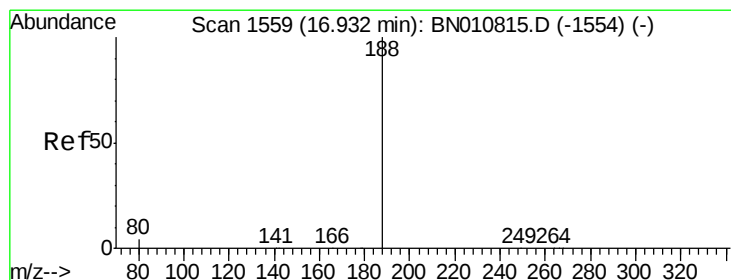
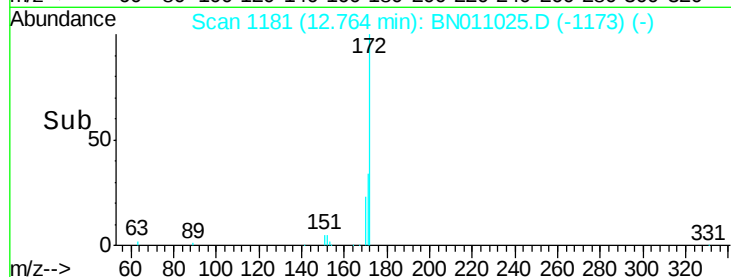
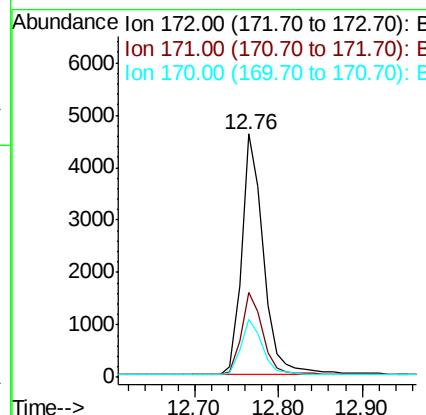
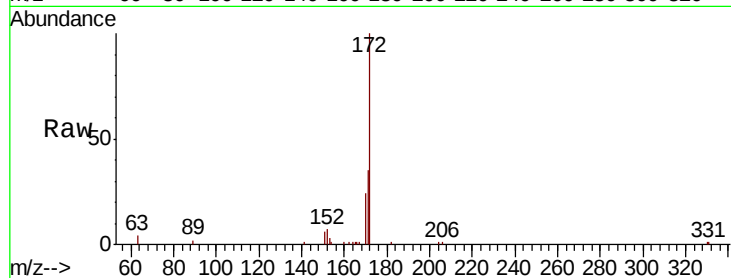




#15
2-Fluorobiphenyl
Concen: 0.405 ng
RT: 12.76 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BN011025.D
Acq: 23 Jun 2020 06:28

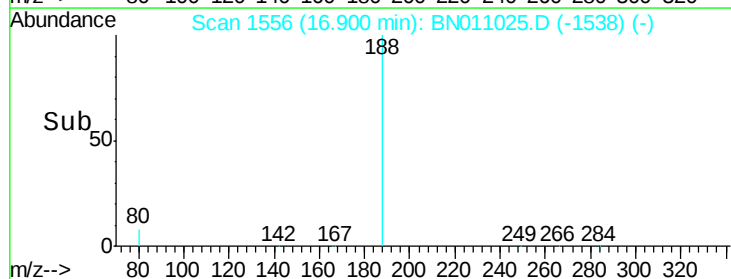
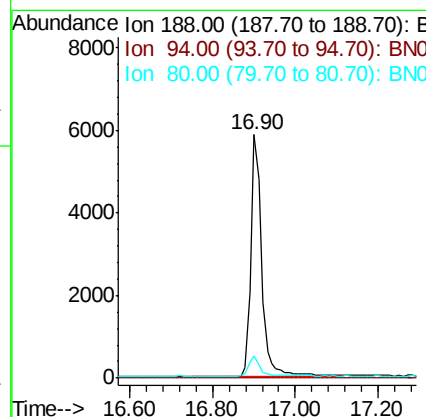
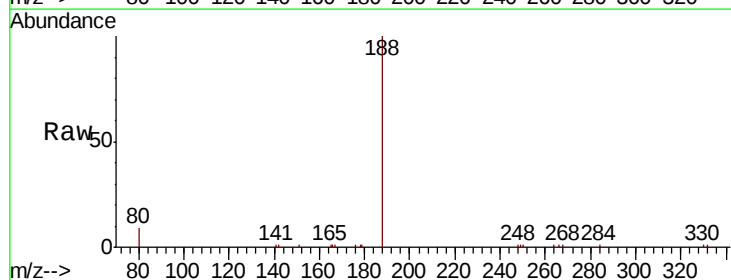
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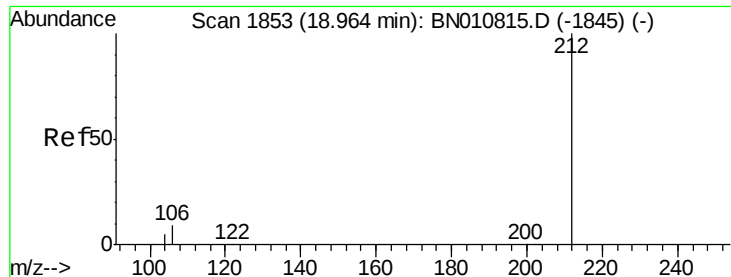
Tot Ion:172 Resp: 8354
Ion Ratio Lower Upper
172 100
171 35.1 28.5 42.7
170 23.9 19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.90 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BN011025.D
Acq: 23 Jun 2020 06:28

Tgt Ion:188 Resp: 10529
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.3 4.5 6.7#





#25

Fluoranthene-d10

Concen: 0.513 ng

RT: 18.94 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BN011025.D

Acq: 23 Jun 2020 06:28

Instrument :

BNA_N

ClientSampleId :

TT101D1-20200615

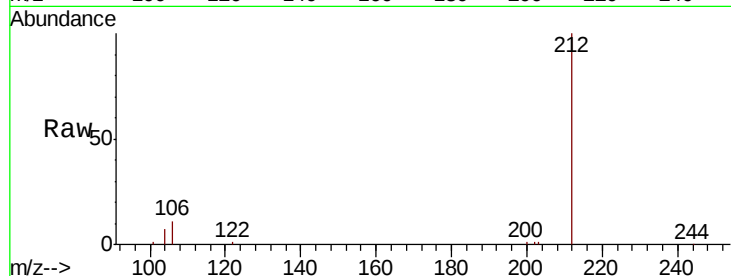
Tot Ion:212 Resp: 14919

Ion Ratio Lower Upper

212 100

106 9.7 6.6 10.0

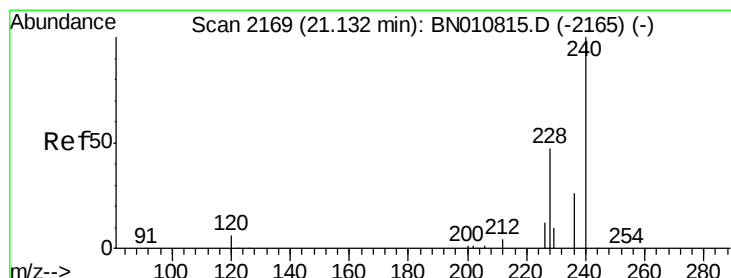
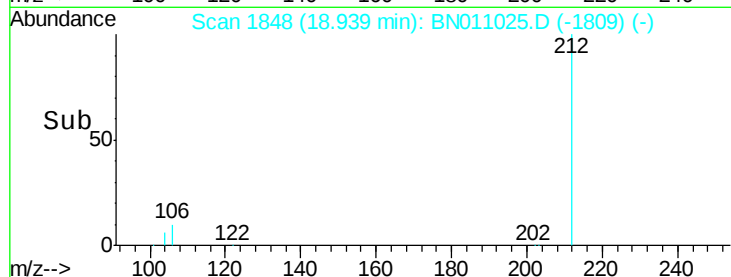
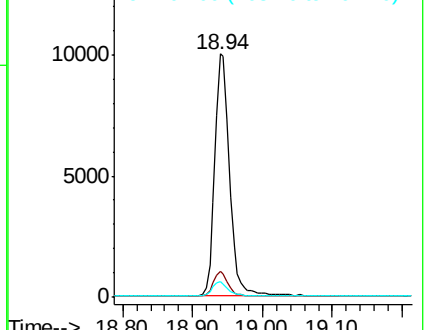
104 5.4 4.0 6.0



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: 21.11 min Scan# 2167

Delta R.T. -0.01 min

Lab File: BN011025.D

Acq: 23 Jun 2020 06:28

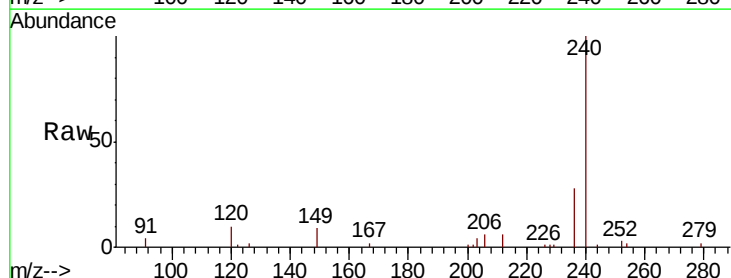
Tgt Ion:240 Resp: 8833

Ion Ratio Lower Upper

240 100

120 10.0 7.5 11.3

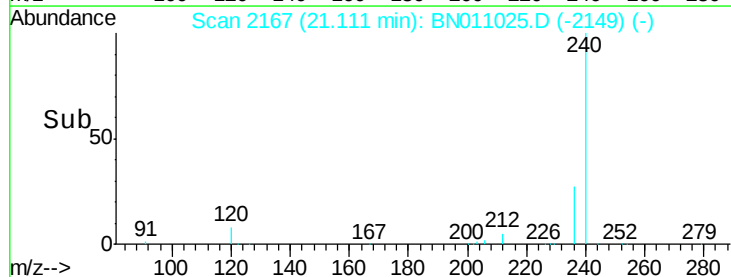
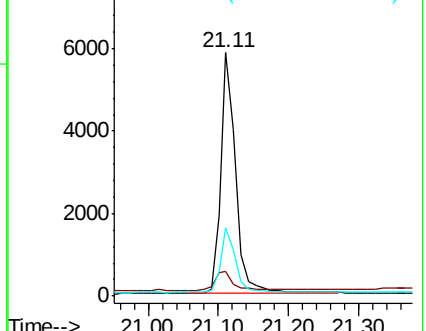
236 27.9 22.3 33.5

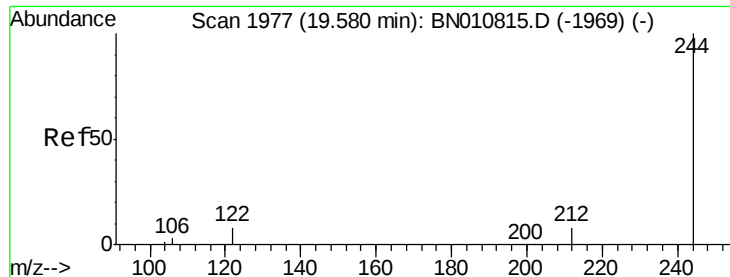


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.569 ng

RT: 19.55 min Scan# 1972

Delta R.T. -0.01 min

Lab File: BN011025.D

Acq: 23 Jun 2020 06:28

Instrument :

BNA_N

ClientSampleId :

TT101D1-20200615

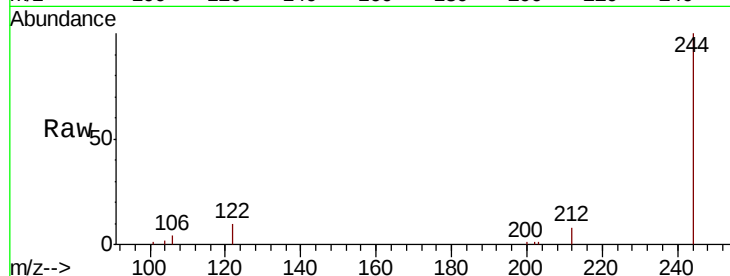
Tot Ion:244 Resp: 11765

Ion Ratio Lower Upper

244 100

212 8.4 7.4 11.2

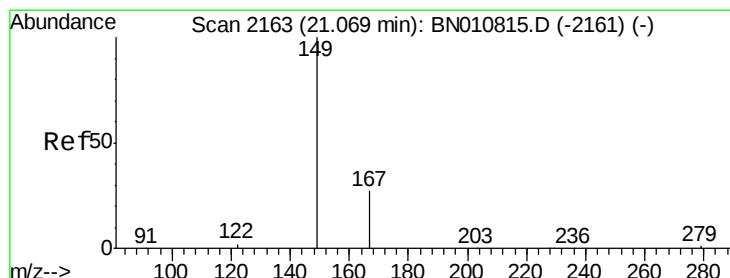
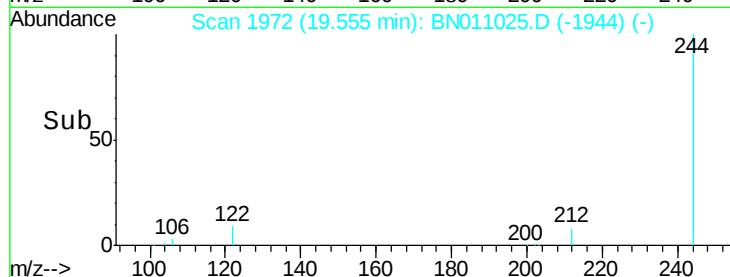
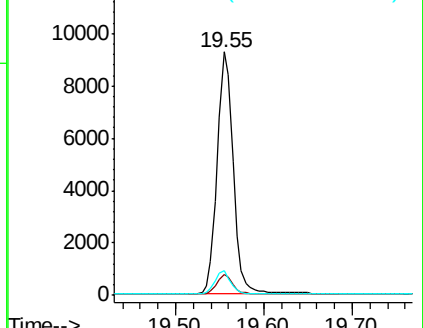
122 10.0 7.5 11.3



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: 0.065 ng

RT: 21.06 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BN011025.D

Acq: 23 Jun 2020 06:28

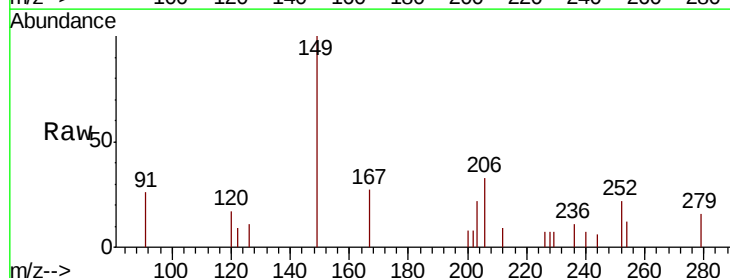
Tgt Ion:149 Resp: 561

Ion Ratio Lower Upper

149 100

167 31.7 24.1 36.1

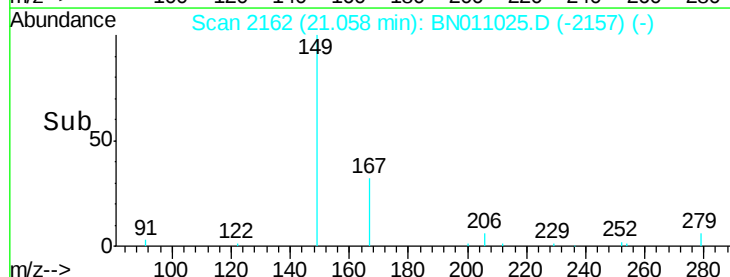
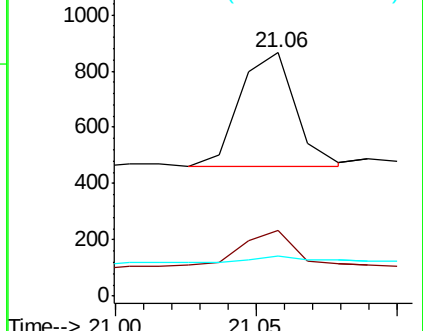
279 7.3 4.6 7.0#

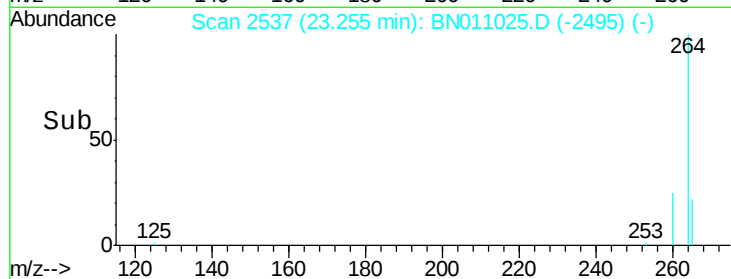
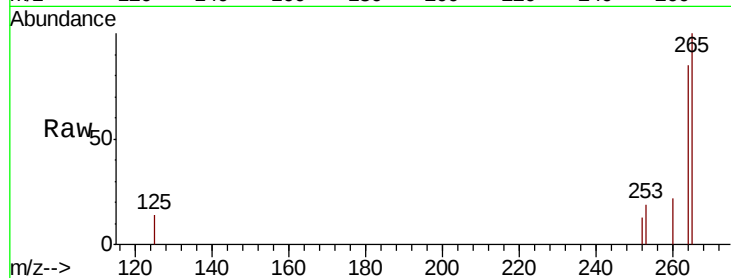
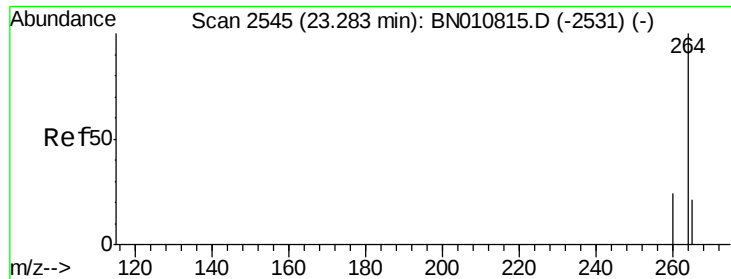


Abundance Ion 149.00 (148.70 to 149.70): E

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# 2537

Delta R.T. -0.01 min

Lab File: BN011025.D

Acq: 23 Jun 2020 06:28

Instrument :

BNA_N

ClientSampleId :

TT101D1-20200615

Tot Ion:264 Resp: 4877

Ion Ratio Lower Upper

264 100

260 26.3 20.4 30.6

265 118.2 75.0 112.4

