

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062220\
 Data File : BN011024.D
 Acq On : 23 Jun 2020 05:52
 Operator : CG/JU
 Sample : L3043-09DL 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT101D-20200616DL

Quant Time: Jun 23 06:50:54 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

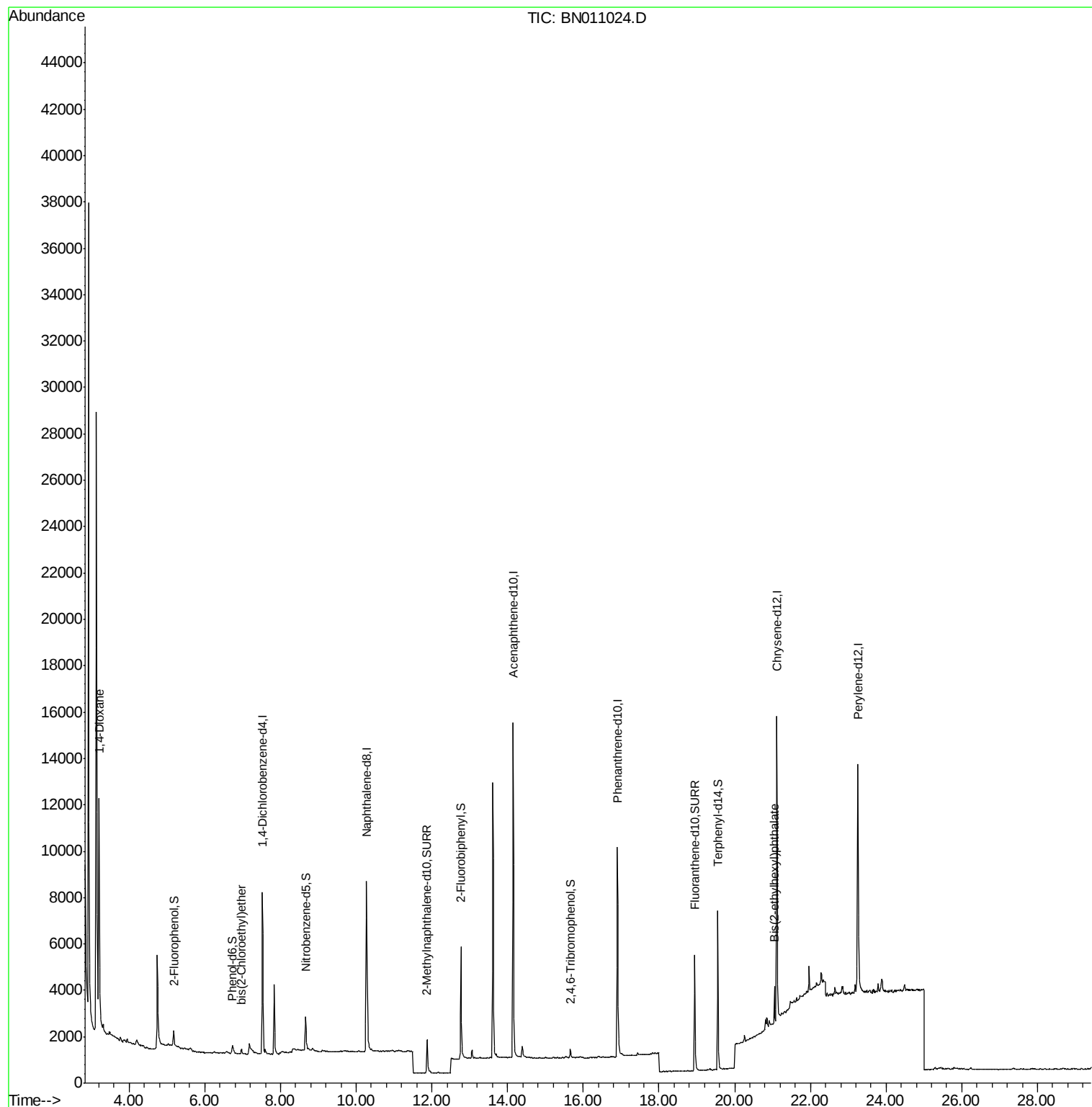
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	3477	0.40	ng	0.00
7) Naphthalene-d8	10.28	136	12060	0.40	ng	0.00
13) Acenaphthene-d10	14.15	164	8301	0.40	ng	0.00
19) Phenanthrene-d10	16.90	188	14457	0.40	ng	-0.01
27) Chrysene-d12	21.11	240	13333	0.40	ng	-0.01
34) Perylene-d12	23.25	264	13815	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	619	0.09	ng	0.00
5) Phenol-d6	6.73	99	390	0.05	ng	0.00
8) Nitrobenzene-d5	8.67	82	1801	0.20	ng	0.00
11) 2-Methylnaphthalene-d10	11.87	152	2607	0.14	ng	0.00
14) 2,4,6-Tribromophenol	15.66	330	399	0.13	ng	0.00
15) 2-Fluorobiphenyl	12.76	172	5188	0.16	ng	-0.01
25) Fluoranthene-d10	18.94	212	6545	0.16	ng	0.00
29) Terphenyl-d14	19.55	244	7530	0.24	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.21	88	8499	2.495	ng	99
6) bis(2-Chloroethyl)ether	6.97	93	189	0.025	ng	97
32) Bis(2-ethylhexyl)phthalate	21.05	149	1694	0.130	ng	95

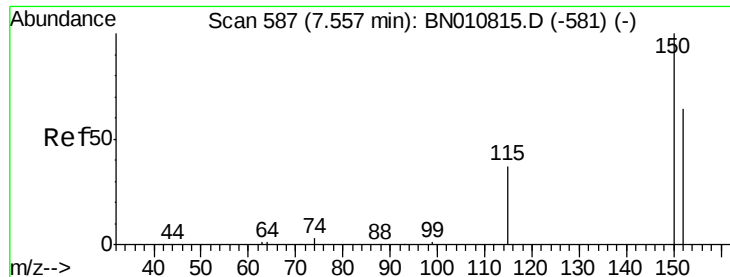
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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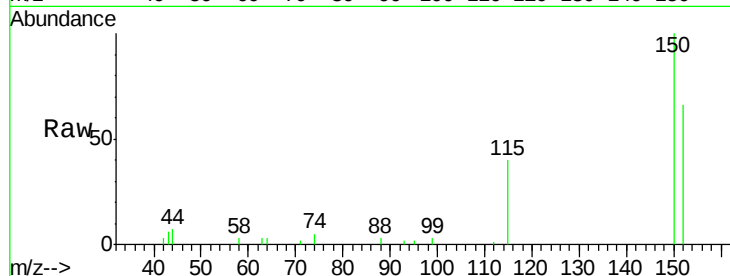


#1

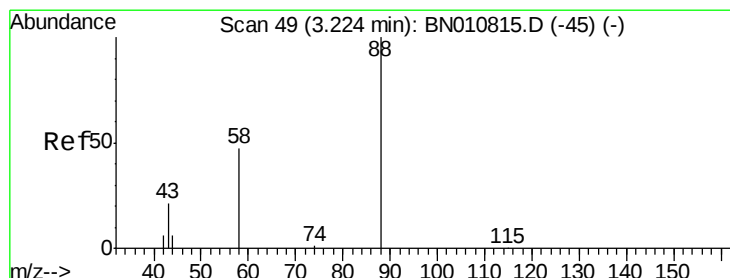
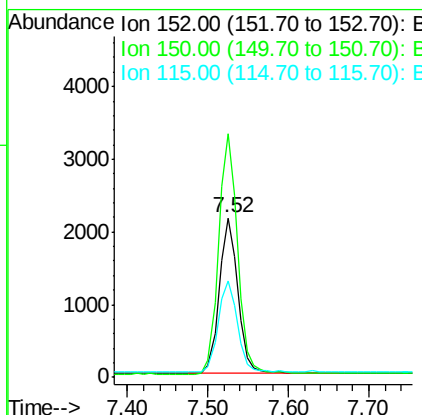
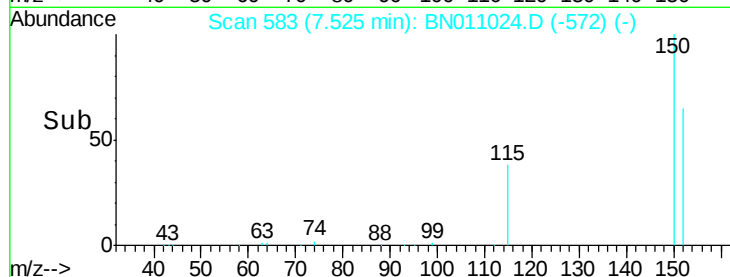
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.52 min Scan# 583
Delta R.T. -0.01 min
Lab File: BN011024.D
Acq: 23 Jun 2020 05:52

Instrument :
BNA_N
ClientSampleId :
TT101D-20200616DL

Tot Ion:152 Resp: 3477
Ion Ratio Lower Upper
152 100
150 152.4 123.8 185.6
115 60.3 49.2 73.8



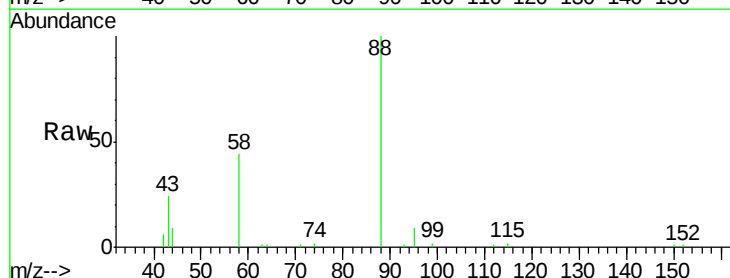
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



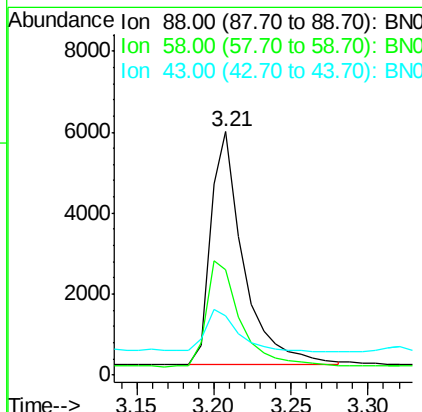
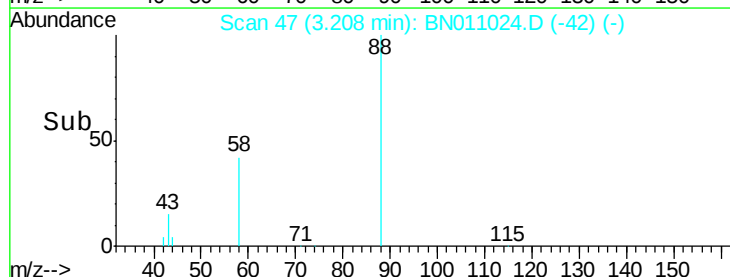
#2

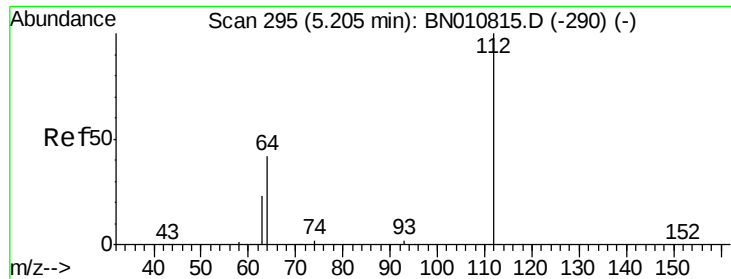
1,4-Dioxane
Concen: 2.495 ng
RT: 3.21 min Scan# 47
Delta R.T. -0.01 min
Lab File: BN011024.D
Acq: 23 Jun 2020 05:52

Tgt Ion: 88 Resp: 8499
Ion Ratio Lower Upper
88 100
58 46.9 38.2 57.4
43 18.7 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: 0.092 ng

RT: 5.18 min Scan# 292

Delta R.T. -0.00 min

Lab File: BN011024.D

Acq: 23 Jun 2020 05:52

Instrument :

BNA_N

ClientSampleId :

TT101D-20200616DL

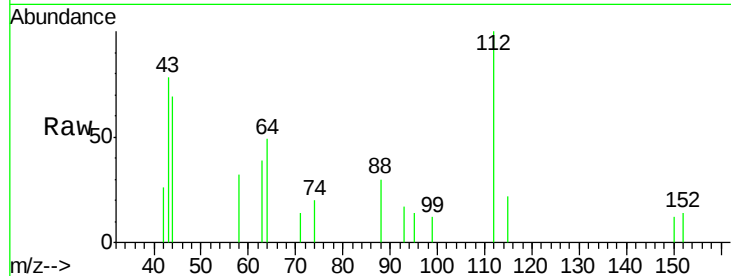
Tot Ion: 112 Resp: 619

Ion Ratio Lower Upper

112 100

64 44.9 37.4 56.0

63 29.7 22.2 33.4

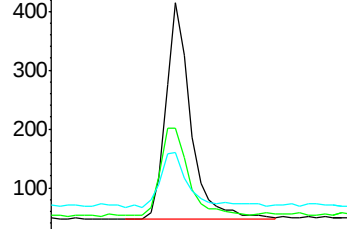


Abundance Ion 112.00 (111.70 to 112.70): B

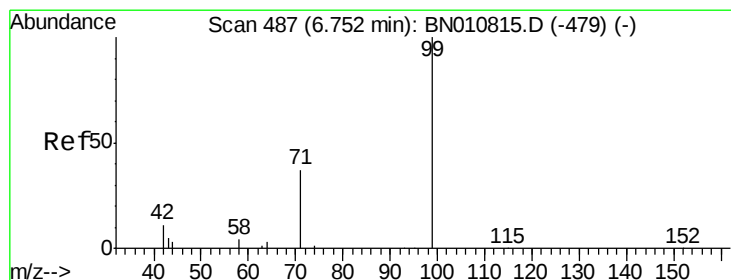
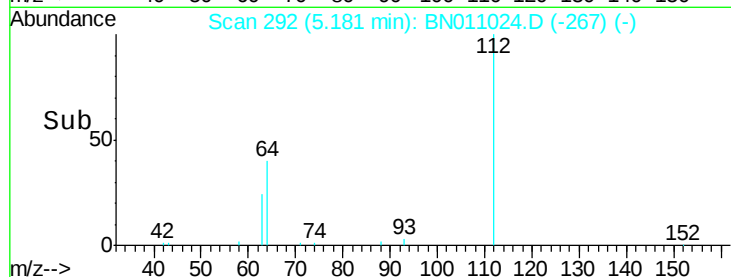
Ion 64.00 (63.70 to 64.70): BNO

Ion 63.00 (62.70 to 63.70): BNO

5.18



Time-->



#5

Phenol-d6

Concen: 0.049 ng

RT: 6.73 min Scan# 484

Delta R.T. -0.00 min

Lab File: BN011024.D

Acq: 23 Jun 2020 05:52

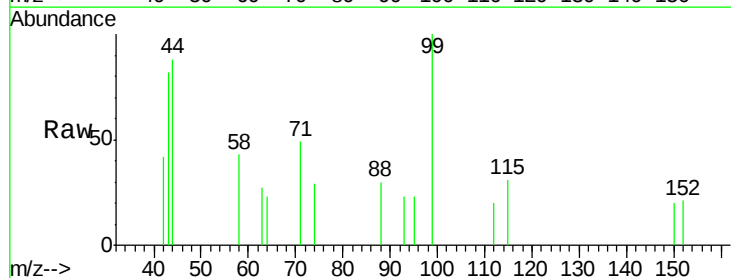
Tgt Ion: 99 Resp: 390

Ion Ratio Lower Upper

99 100

42 25.1 11.1 16.7#

71 38.2 31.4 47.2

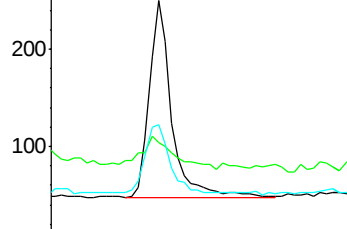


Abundance Ion 99.00 (98.70 to 99.70): BNO

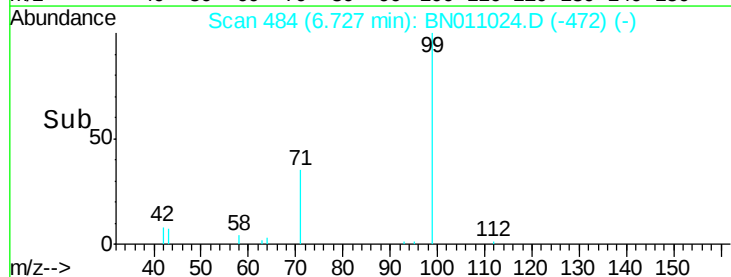
Ion 42.00 (41.70 to 42.70): BNO

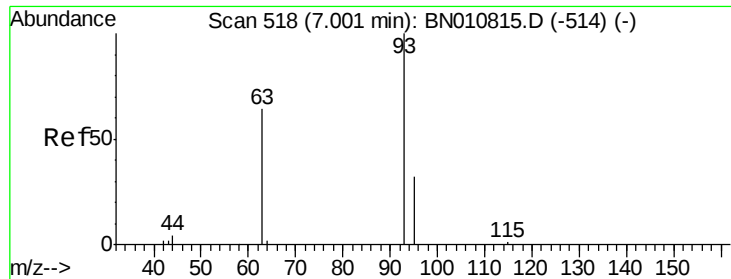
Ion 71.00 (70.70 to 71.70): BNO

6.73



Time-->





#6

bis(2-Chloroethyl)ether

Concen: 0.025 ng

RT: 6.97 min Scan# 514

Delta R.T. -0.01 min

Lab File: BN011024.D

Acq: 23 Jun 2020 05:52

Instrument :

BNA_N

ClientSampleId :

TT101D-20200616DL

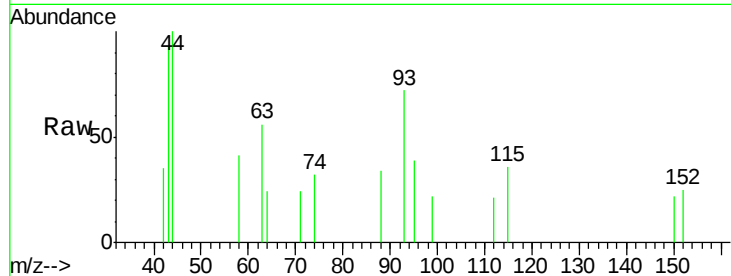
Tot Ion: 93 Resp: 189

Ion Ratio Lower Upper

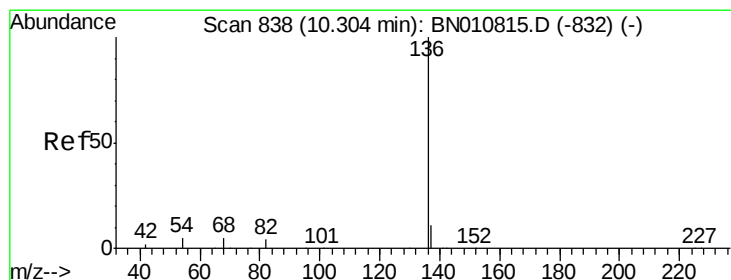
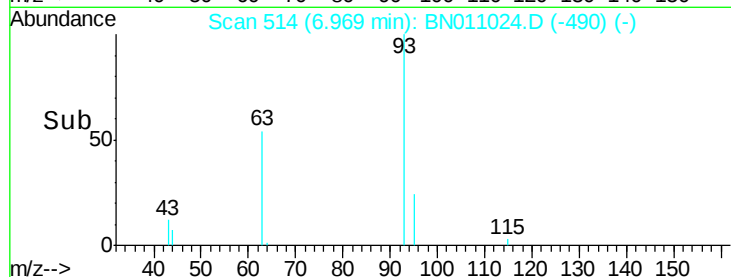
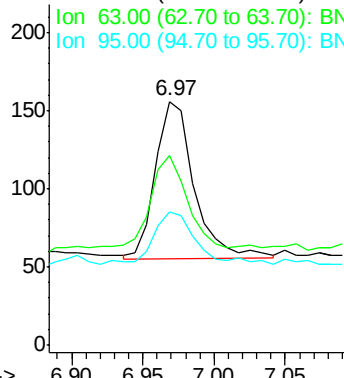
93 100

63 59.8 49.4 74.2

95 35.4 26.7 40.1



Abundance Ion 93.00 (92.70 to 93.70): BN011024.D (-490) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.28 min Scan# 836

Delta R.T. -0.00 min

Lab File: BN011024.D

Acq: 23 Jun 2020 05:52

Tgt Ion: 136 Resp: 12060

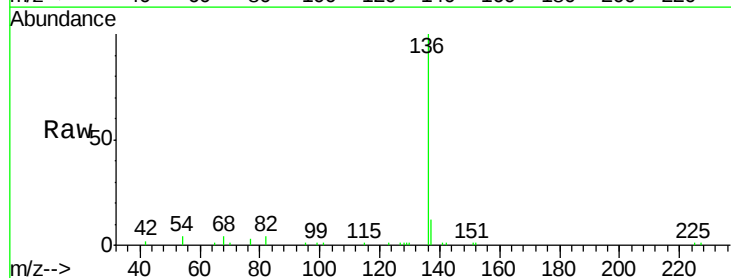
Ion Ratio Lower Upper

136 100

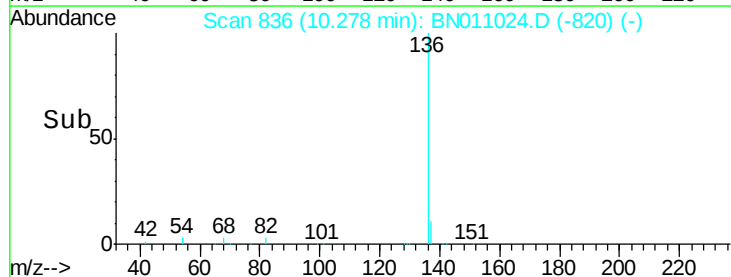
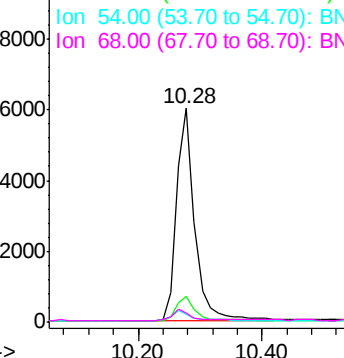
137 11.7 9.7 14.5

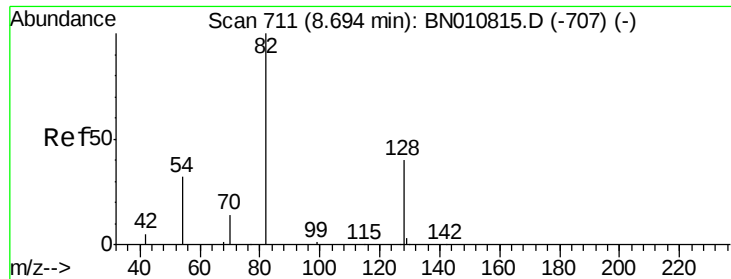
54 3.8 4.9 7.3#

68 4.4 4.7 7.1#



Abundance Ion 136.00 (135.70 to 136.70): BN011024.D (-820) (-)

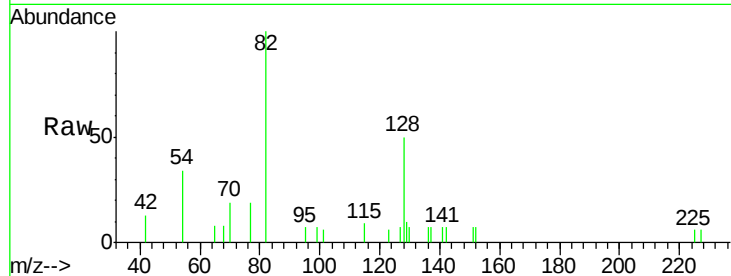




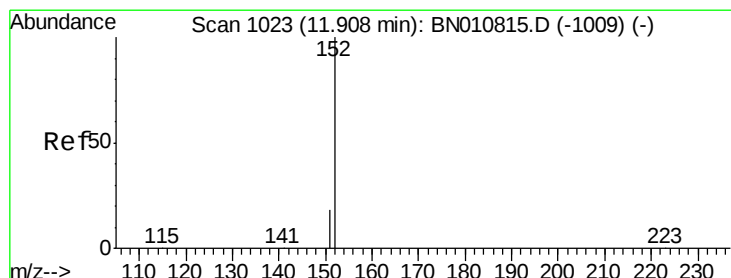
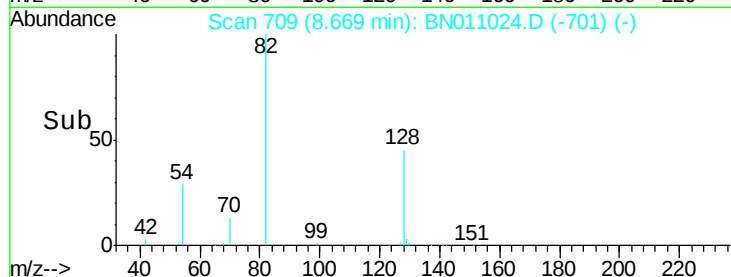
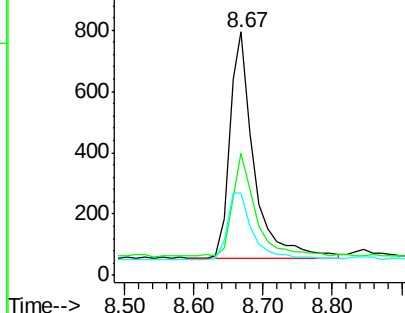
#8
 Nitrobenzene-d5
 Concen: 0.202 ng
 RT: 8.67 min Scan# 709
 Delta R.T. -0.00 min
 Lab File: BN011024.D
 Acq: 23 Jun 2020 05:52

Instrument :
 BNA_N
 ClientSampleId :
 TT101D-20200616DL

Tot Ion: 82 Resp: 1801
 Ion Ratio Lower Upper
 82 100
 128 50.0 35.4 53.0
 54 33.6 28.2 42.4

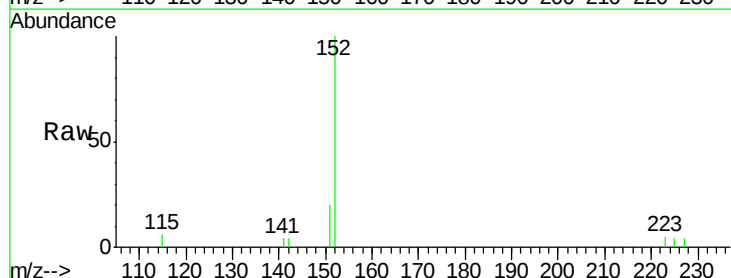


Abundance Ion 82.00 (81.70 to 82.70): BN0
 Ion 128.00 (127.70 to 128.70): BN0
 Ion 54.00 (53.70 to 54.70): BN0

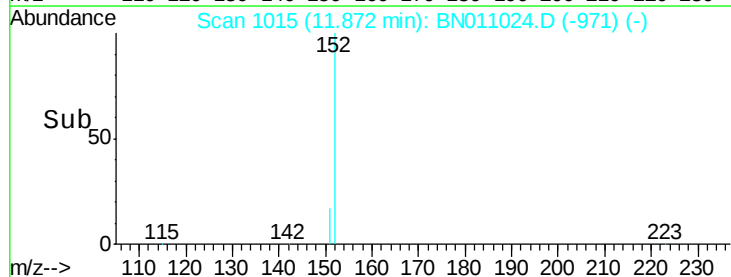
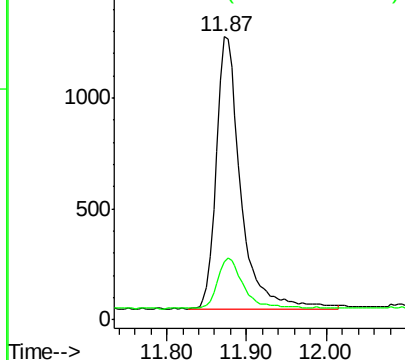


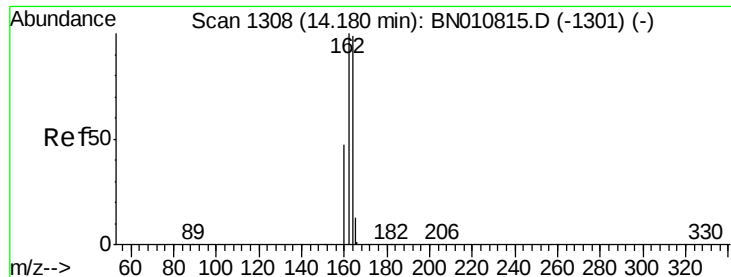
#11
 2-Methylnaphthalene-d10
 Concen: 0.139 ng
 RT: 11.87 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: BN011024.D
 Acq: 23 Jun 2020 05:52

Tgt Ion: 152 Resp: 2607
 Ion Ratio Lower Upper
 152 100
 151 19.0 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): BN0
 Ion 151.00 (150.70 to 151.70): BN0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.15 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BN011024.D

Acq: 23 Jun 2020 05:52

Instrument :

BNA_N

ClientSampleId :

TT101D-20200616DL

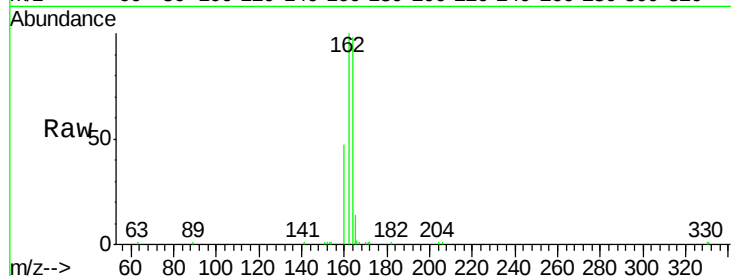
Tot Ion:164 Resp: 8301

Ion Ratio Lower Upper

164 100

162 101.8 81.0 121.6

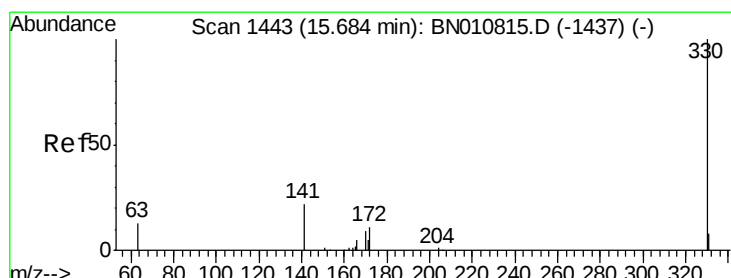
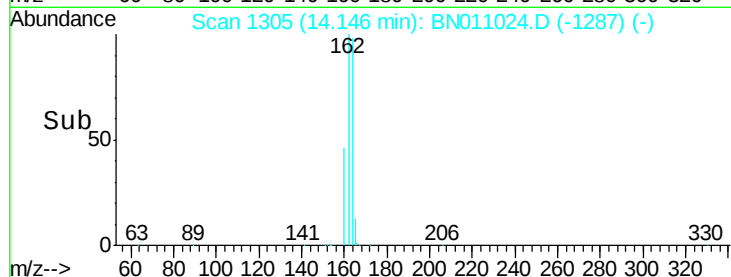
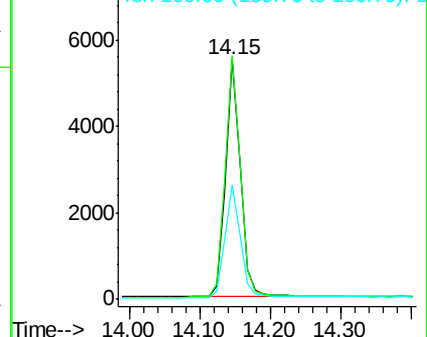
160 47.6 38.9 58.3



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: 0.134 ng

RT: 15.66 min Scan# 1441

Delta R.T. -0.00 min

Lab File: BN011024.D

Acq: 23 Jun 2020 05:52

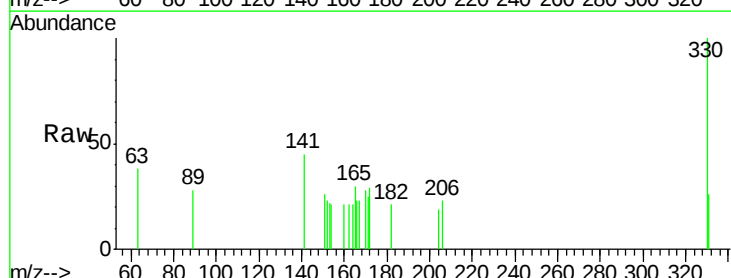
Tgt Ion:330 Resp: 399

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

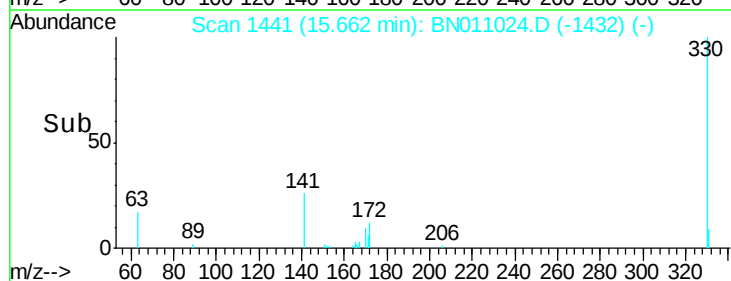
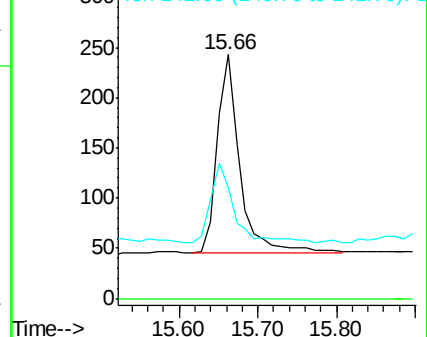
141 41.9 33.2 49.8

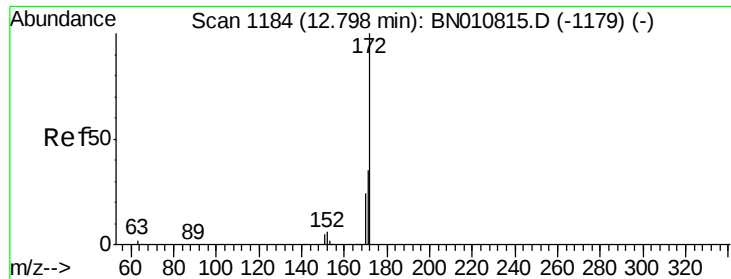


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

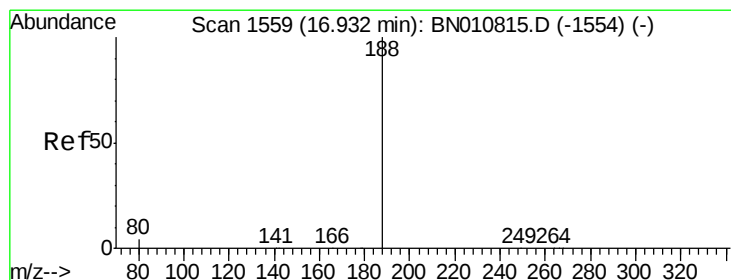
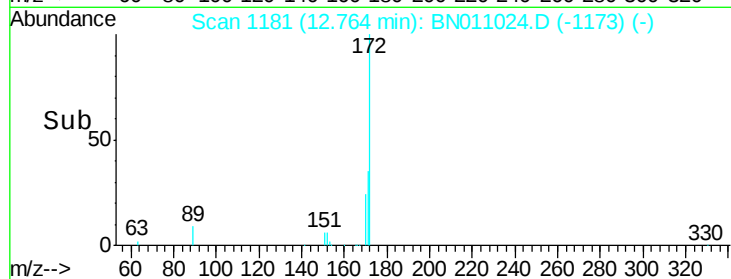
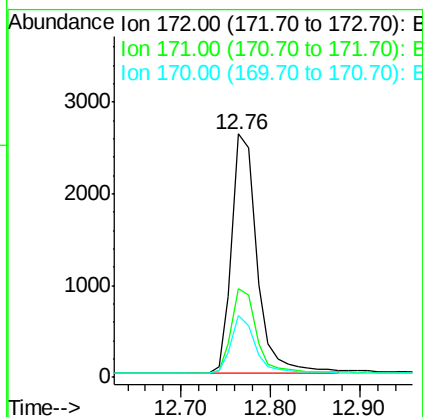
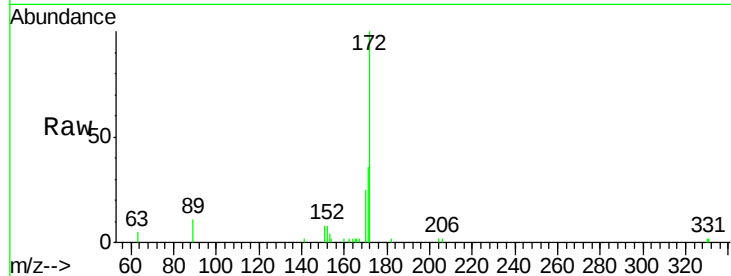




#15
2-Fluorobiphenyl
Concen: 0.158 ng
RT: 12.76 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BN011024.D
Acq: 23 Jun 2020 05:52

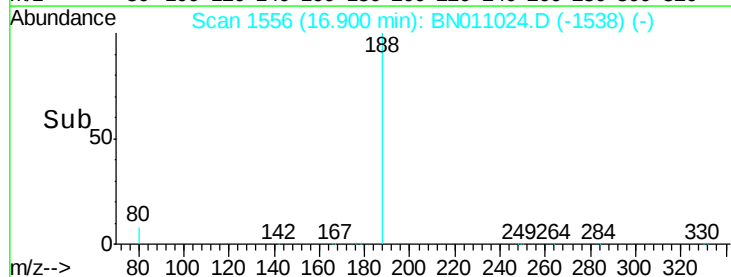
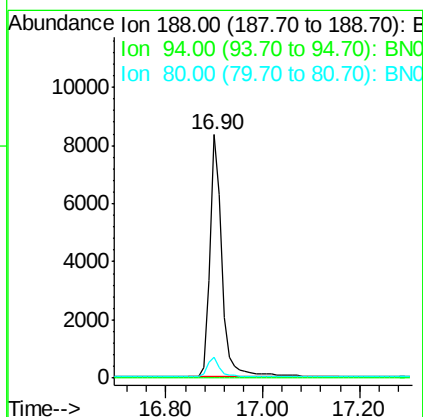
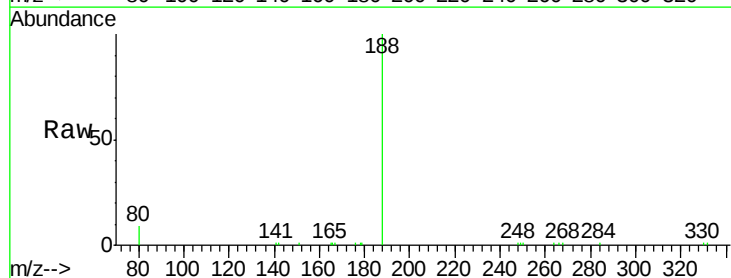
Instrument :
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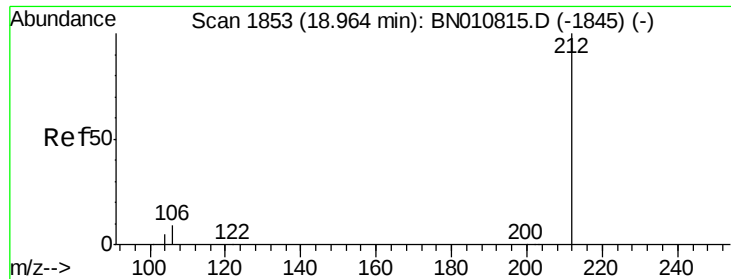
Tot Ion:172 Resp: 5188
Ion Ratio Lower Upper
172 100
171 36.4 28.5 42.7
170 25.4 19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.90 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BN011024.D
Acq: 23 Jun 2020 05:52

Tgt Ion:188 Resp: 14457
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.7 4.5 6.7#





#25

Fluoranthene-d10

Concen: 0.164 ng

RT: 18.94 min Scan# 1849

Delta R.T. -0.00 min

Lab File: BN011024.D

Acq: 23 Jun 2020 05:52

Instrument :

BNA_N

ClientSampleId :

TT101D-20200616DL

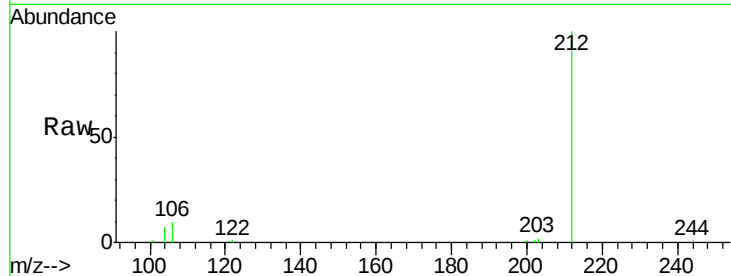
Tot Ion:212 Resp: 6545

Ion Ratio Lower Upper

212 100

106 9.6 6.6 10.0

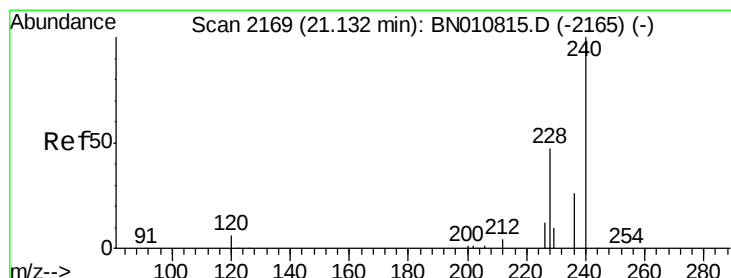
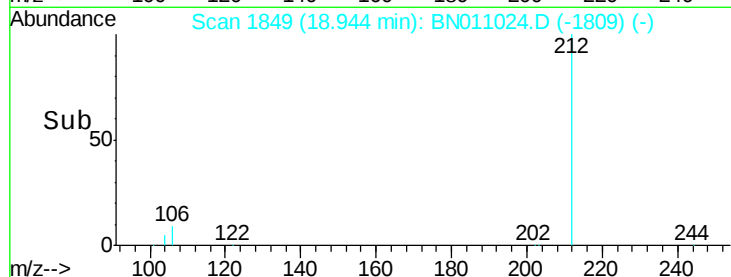
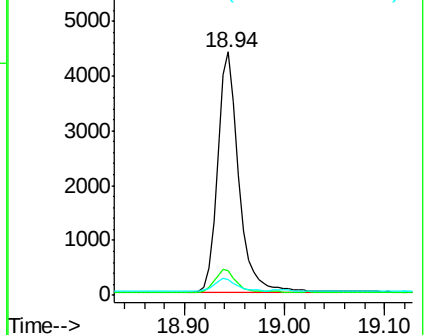
104 5.5 4.0 6.0



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: BN011024.D

Acq: 23 Jun 2020 05:52

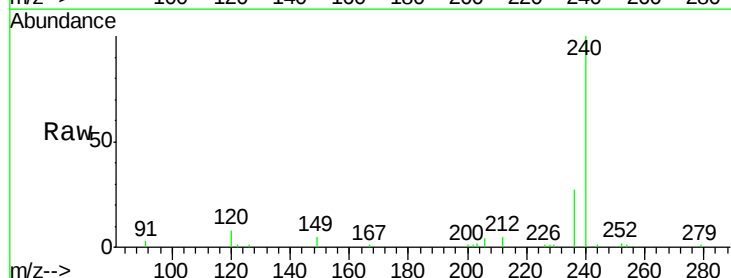
Tgt Ion:240 Resp: 13333

Ion Ratio Lower Upper

240 100

120 8.2 7.5 11.3

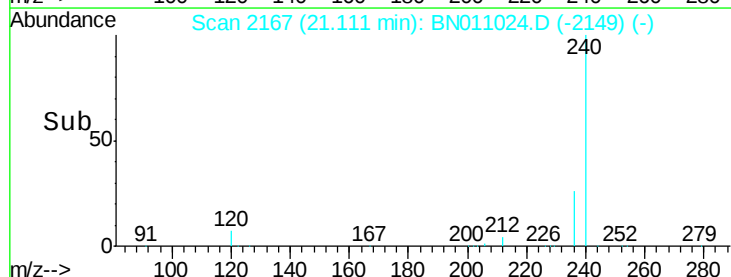
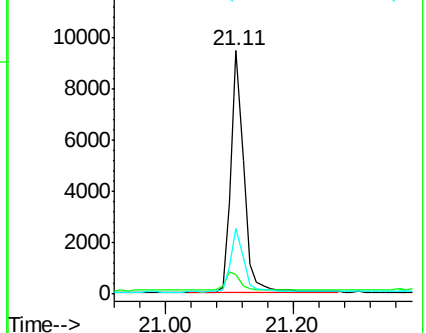
236 27.0 22.3 33.5

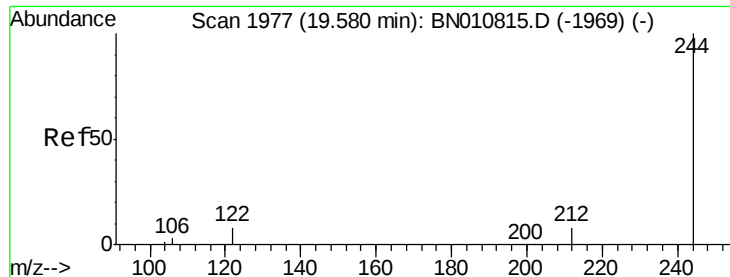


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.241 ng

RT: 19.55 min Scan# 1972

Delta R.T. -0.01 min

Lab File: BN011024.D

Acq: 23 Jun 2020 05:52

Instrument :

BNA_N

ClientSampleId :

TT101D-20200616DL

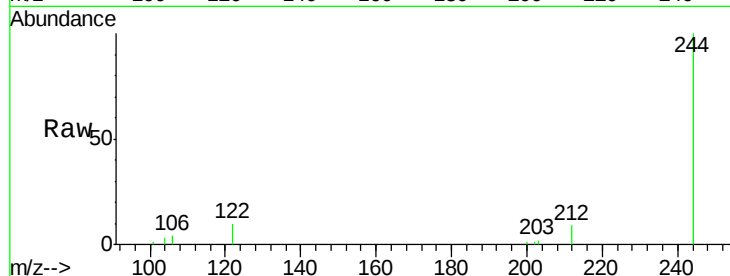
Tot Ion:244 Resp: 7530

Ion Ratio Lower Upper

244 100

212 8.7 7.4 11.2

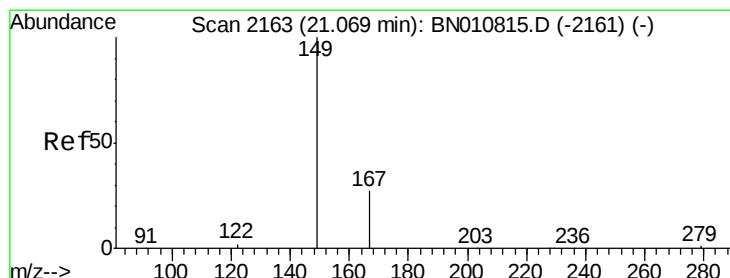
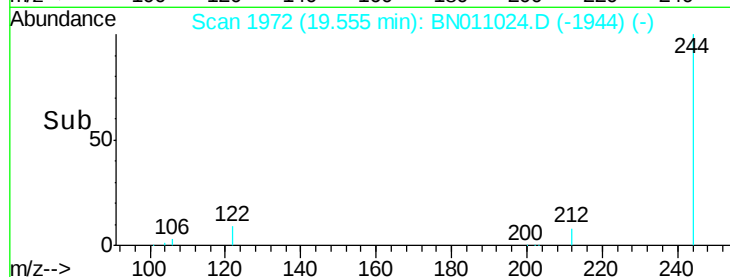
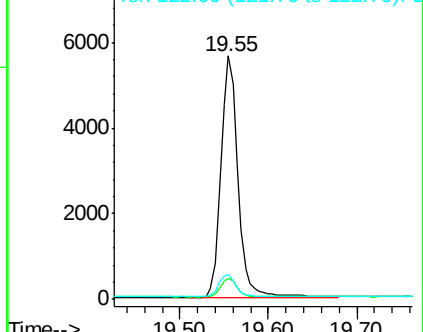
122 10.2 7.5 11.3



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: 0.130 ng

RT: 21.05 min Scan# 2161

Delta R.T. -0.01 min

Lab File: BN011024.D

Acq: 23 Jun 2020 05:52

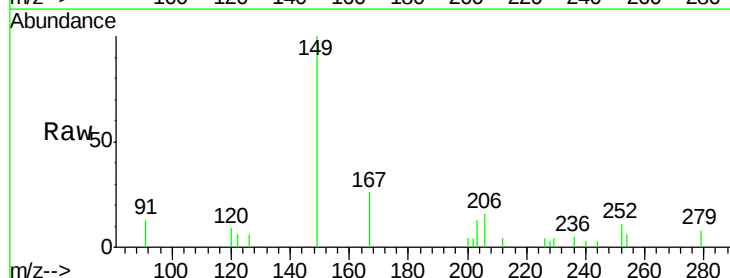
Tgt Ion:149 Resp: 1694

Ion Ratio Lower Upper

149 100

167 27.3 24.1 36.1

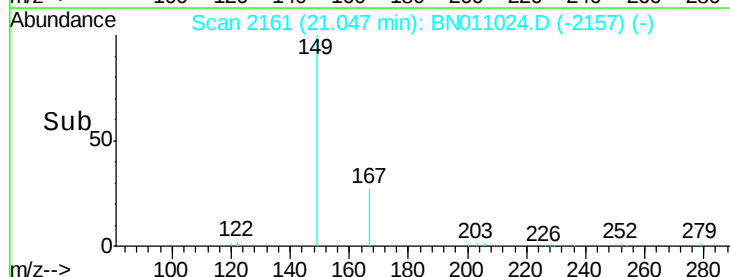
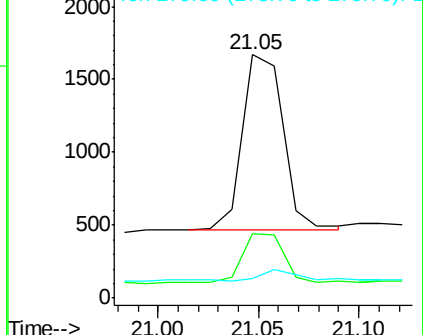
279 5.0 4.6 7.0

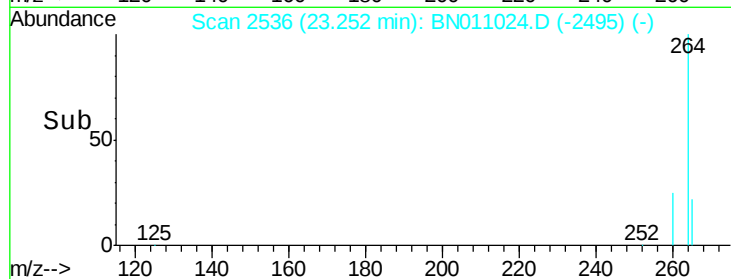
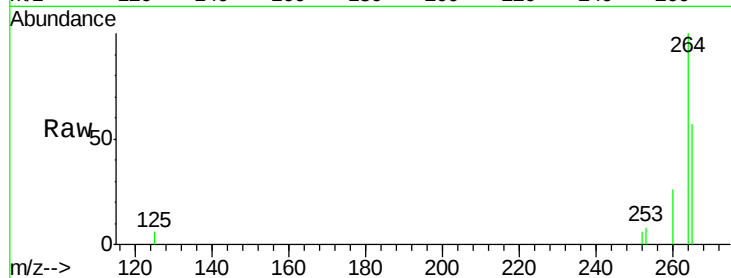
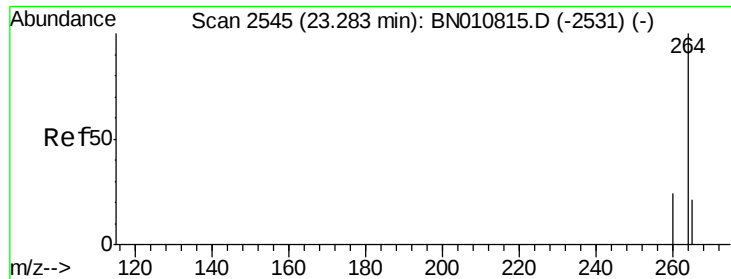


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.25 min Scan# 2536

Delta R.T. -0.01 min

Lab File: BN011024.D

Acq: 23 Jun 2020 05:52

Instrument :

BNA_N

ClientSampleId :

TT101D-20200616DL

Tot Ion: 264 Resp: 13815

Ion Ratio Lower Upper

264 100

260 25.5 20.4 30.6

265 56.9 75.0 112.4#

