

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062420\
 Data File : BN011041.D
 Acq On : 24 Jun 2020 10:51
 Operator : CG/JU
 Sample : PB129663BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB129663BL

Quant Time: Jun 24 11:23:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN062320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 23 18:53:50 2020
 Response via : Initial Calibration

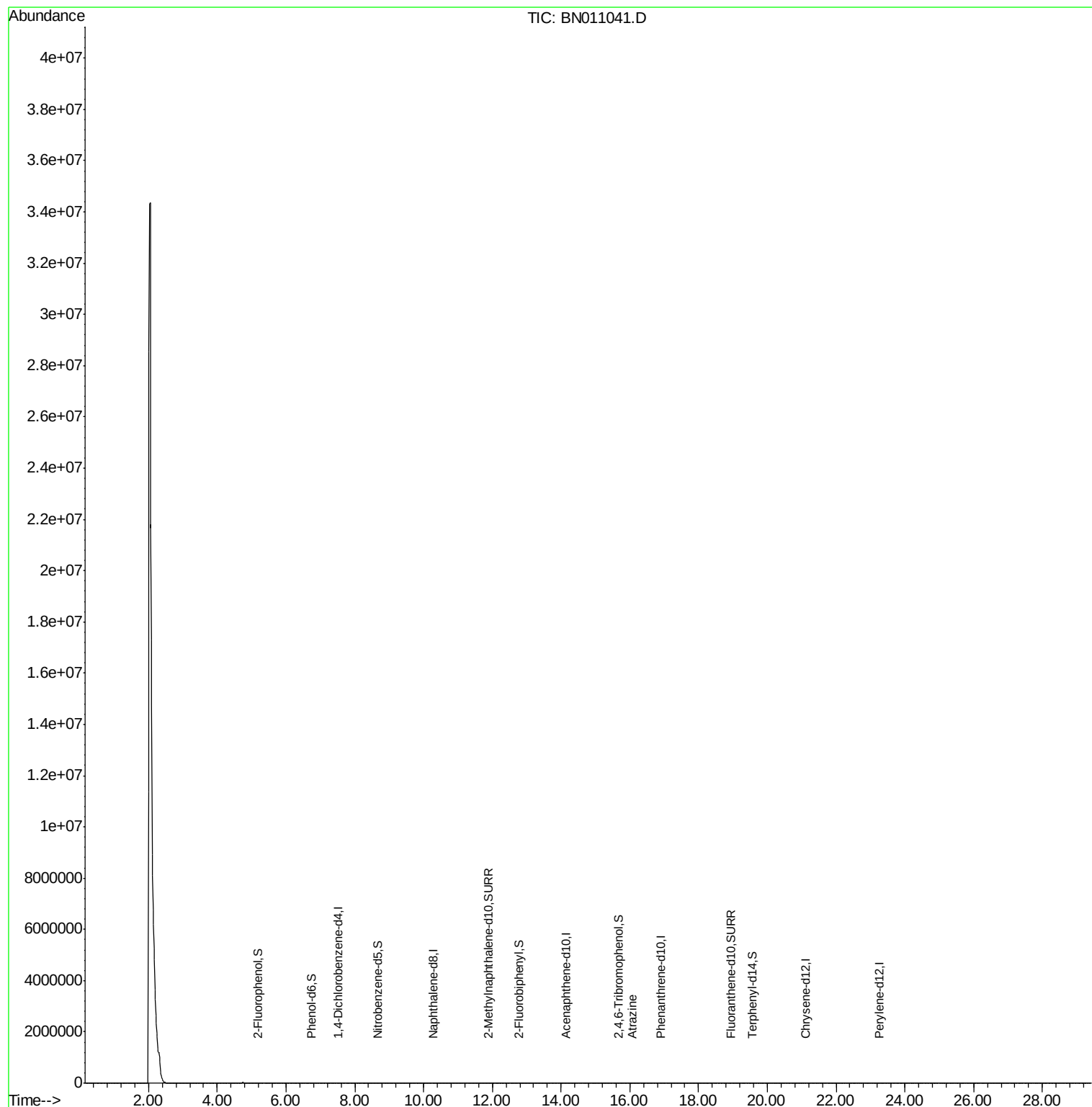
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	2651	0.40	ng	0.00
7) Naphthalene-d8	10.28	136	8704	0.40	ng	0.01
13) Acenaphthene-d10	14.14	164	4927	0.40	ng	0.00
19) Phenanthrene-d10	16.90	188	10012	0.40	ng	0.00
29) Chrysene-d12	21.11	240	8851	0.40	ng	0.00
36) Perylene-d12	23.26	264	8932	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	2390	0.32	ng	0.02
5) Phenol-d6	6.73	99	2532	0.29	ng	0.02
8) Nitrobenzene-d5	8.67	82	1717	0.22	ng	0.02
11) 2-Methylnaphthalene-d10	11.88	152	3975	0.26	ng	0.02
14) 2,4,6-Tribromophenol	15.67	330	371	0.17	ng	0.02
15) 2-Fluorobiphenyl	12.77	172	7278	0.32	ng	0.01
27) Fluoranthene-d10	18.94	212	8263	0.26	ng	0.00
31) Terphenyl-d14	19.56	244	9499	0.40	ng	0.00
Target Compounds						
23) Atrazine	16.07	200	310	0.061	ng	Qvalue # 8

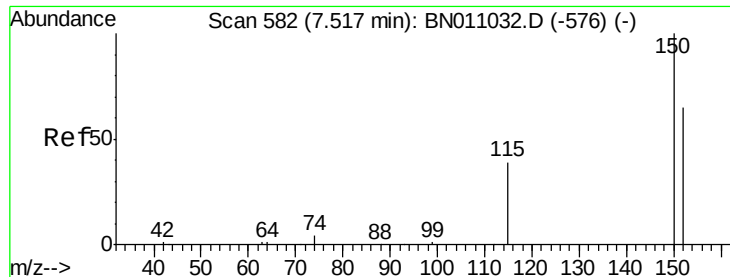
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 23 18:53:50 2020
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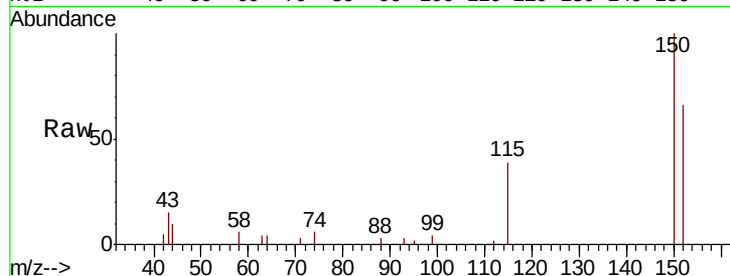


#1

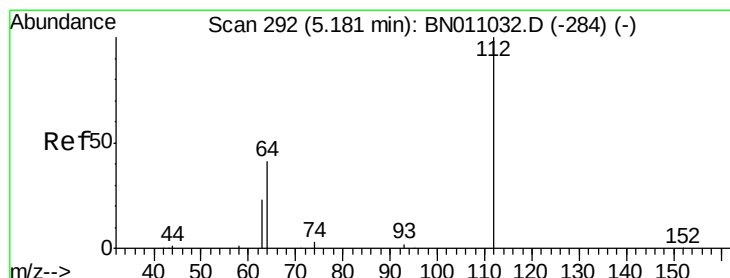
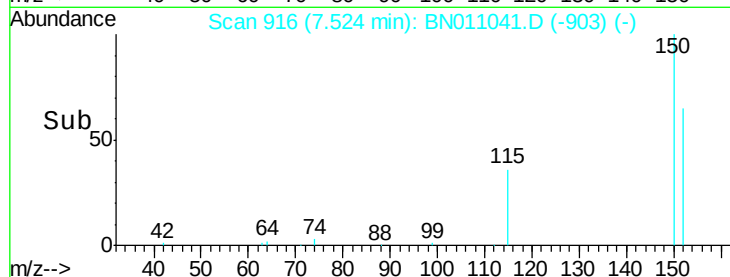
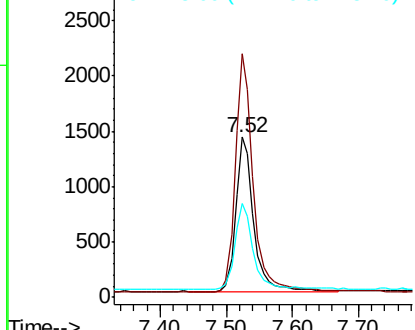
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.52 min Scan# 916
Delta R.T. 0.01 min
Lab File: BN011041.D
Acq: 24 Jun 2020 10:51

Instrument :
BNA_N
ClientSampleId :
PB129663BL

Tot Ion:152 Resp: 2651
Ion Ratio Lower Upper
152 100
150 152.4 121.8 182.8
115 59.0 50.2 75.2



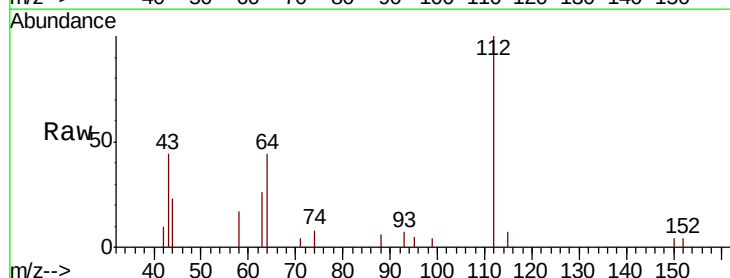
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



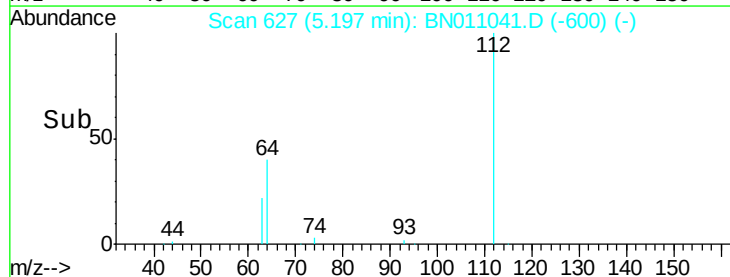
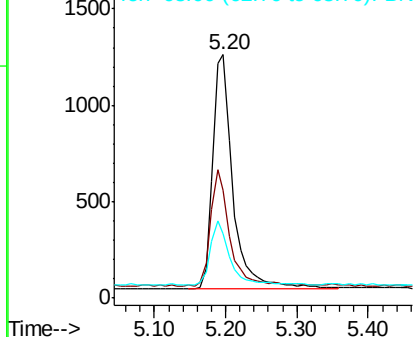
#4

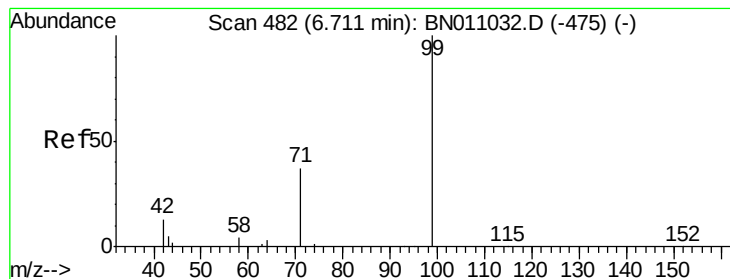
2-Fluorophenol
Concen: 0.320 ng
RT: 5.20 min Scan# 627
Delta R.T. 0.02 min
Lab File: BN011041.D
Acq: 24 Jun 2020 10:51

Tgt Ion:112 Resp: 2390
Ion Ratio Lower Upper
112 100
64 48.0 37.3 55.9
63 26.7 20.4 30.6



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





#5

Phenol-d6

Concen: 0.286 ng

RT: 6.73 min Scan# 818

Delta R.T. 0.02 min

Lab File: BN011041.D

Acq: 24 Jun 2020 10:51

Instrument :

BNA_N

ClientSampleId :

PB129663BL

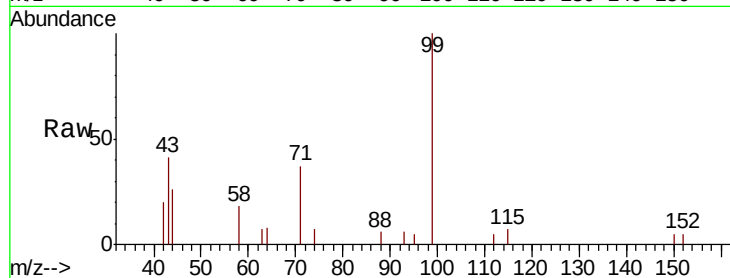
Tot Ion: 99 Resp: 2532

Ion Ratio Lower Upper

99 100

42 11.0 10.6 16.0

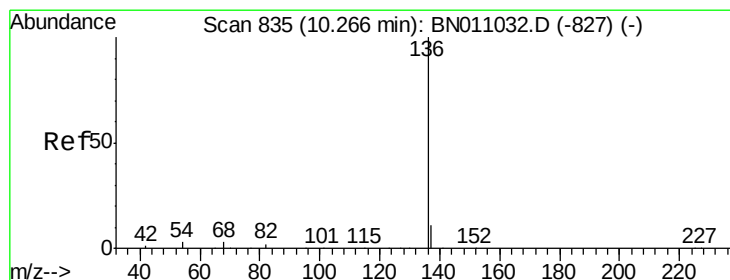
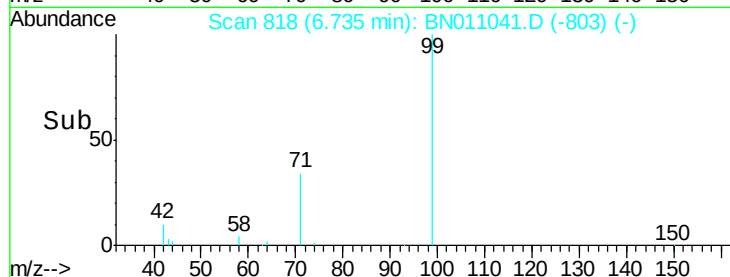
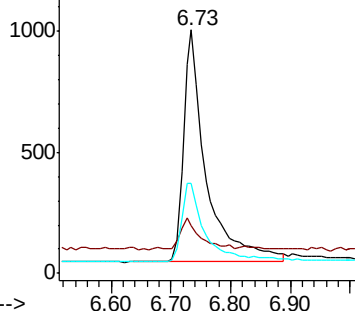
71 35.5 28.7 43.1



Abundance Ion 99.00 (98.70 to 99.70): BN011032.D (-475) (-)

Ion 42.00 (41.70 to 42.70): BN011032.D (-475) (-)

Ion 71.00 (70.70 to 71.70): BN011032.D (-475) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.28 min Scan# 1169

Delta R.T. 0.01 min

Lab File: BN011041.D

Acq: 24 Jun 2020 10:51

Tgt Ion: 136 Resp: 8704

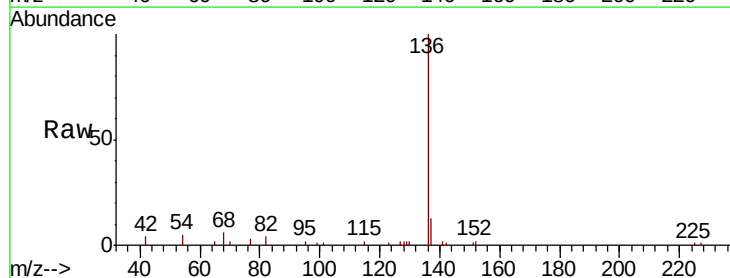
Ion Ratio Lower Upper

136 100

137 12.5 9.6 14.4

54 5.4 3.0 4.4#

68 6.0 3.4 5.2#

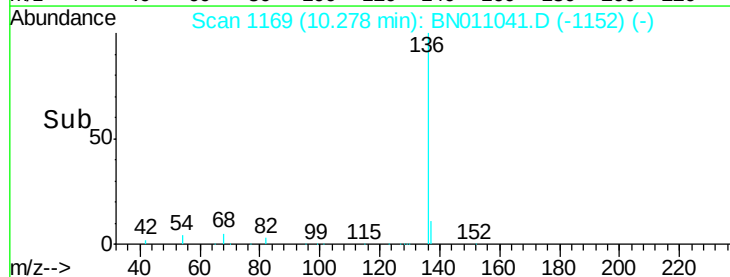
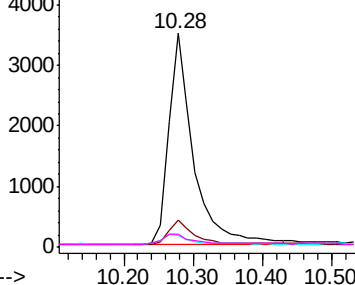


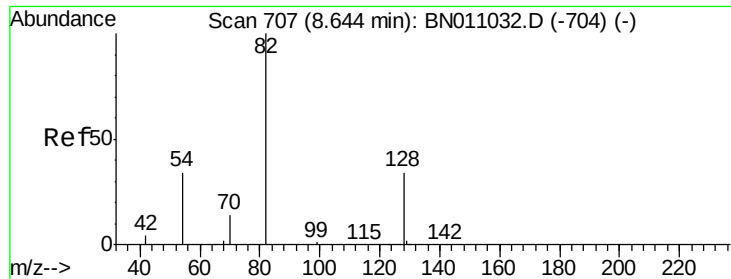
Abundance Ion 136.00 (135.70 to 136.70): BN011032.D (-827) (-)

Ion 137.00 (136.70 to 137.70): BN011032.D (-827) (-)

Ion 54.00 (53.70 to 54.70): BN011032.D (-827) (-)

Ion 68.00 (67.70 to 68.70): BN011032.D (-827) (-)





#8

Nitrobenzene-d5

Concen: 0.217 ng

RT: 8.67 min Scan# 1042

Delta R.T. 0.02 min

Lab File: BN011041.D

Acq: 24 Jun 2020 10:51

Instrument :

BNA_N

ClientSampleId :

PB129663BL

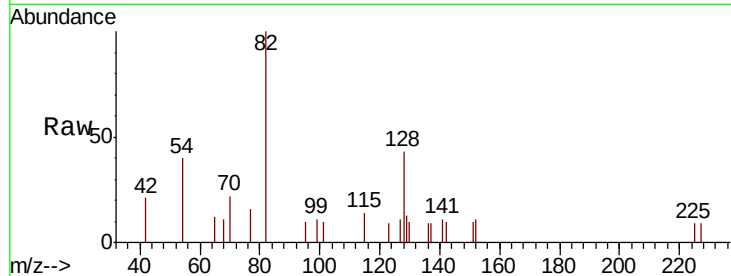
Tot Ion: 82 Resp: 1717

Ion Ratio Lower Upper

82 100

128 42.7 29.4 44.2

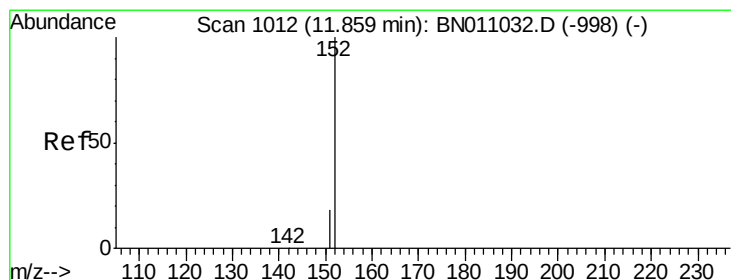
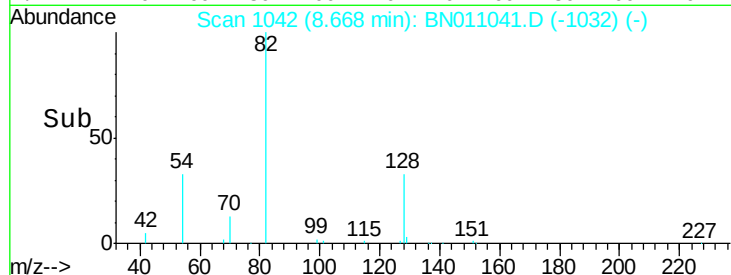
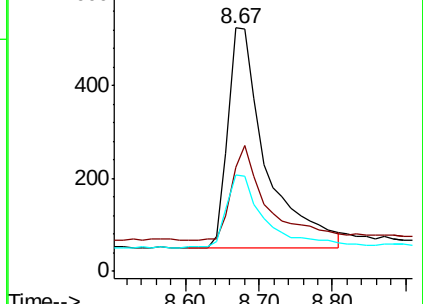
54 39.8 28.8 43.2



Abundance Ion 82.00 (81.70 to 82.70): BN011032.D (-704) (-)

Ion 128.00 (127.70 to 128.70): BN011032.D (-704) (-)

Ion 54.00 (53.70 to 54.70): BN011032.D (-704) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.259 ng

RT: 11.88 min Scan# 1350

Delta R.T. 0.02 min

Lab File: BN011041.D

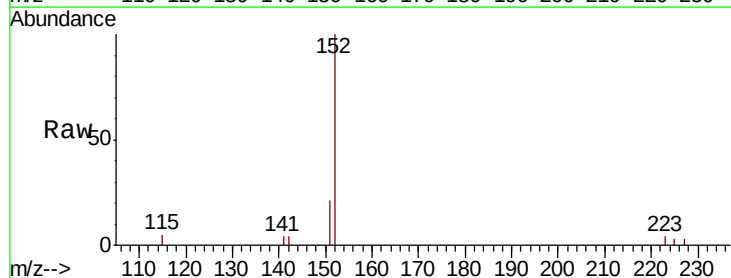
Acq: 24 Jun 2020 10:51

Tgt Ion: 152 Resp: 3975

Ion Ratio Lower Upper

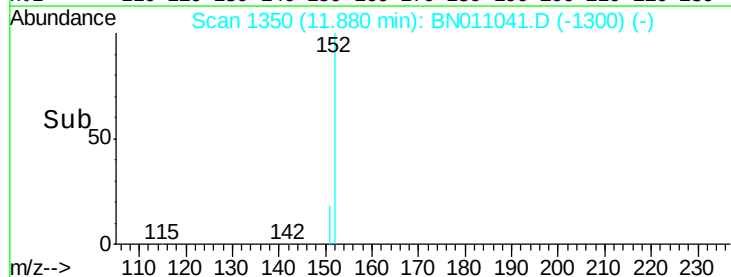
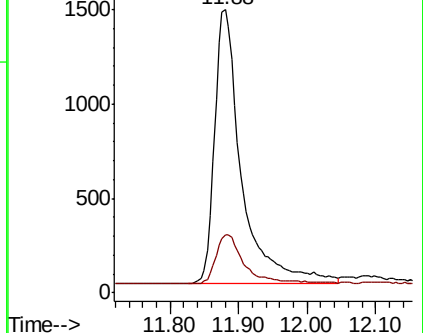
152 100

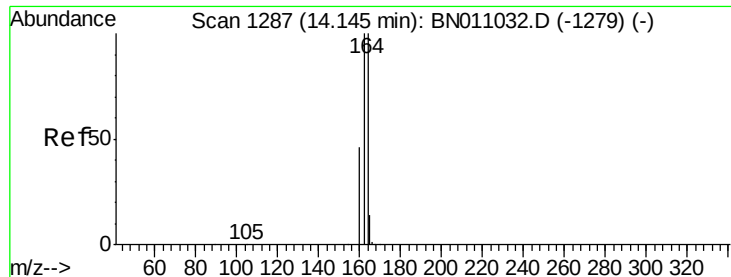
151 18.2 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): BN011032.D (-998) (-)

Ion 151.00 (150.70 to 151.70): BN011032.D (-998) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.14 min Scan# 1620

Delta R.T. -0.00 min

Lab File: BN011041.D

Acq: 24 Jun 2020 10:51

Instrument :

BNA_N

ClientSampleId :

PB129663BL

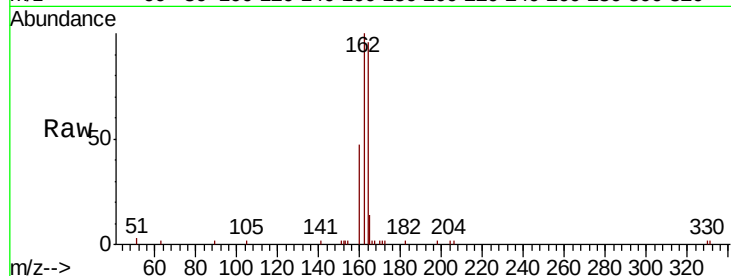
Tot Ion:164 Resp: 4927

Ion Ratio Lower Upper

164 100

162 103.9 80.2 120.4

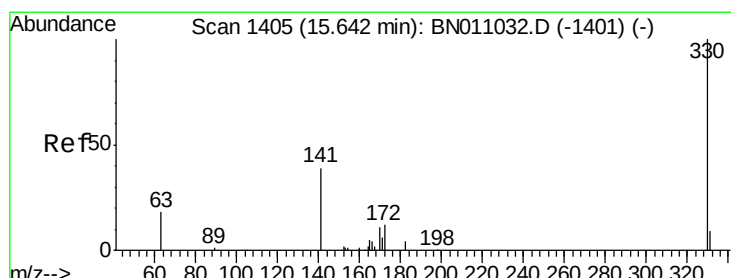
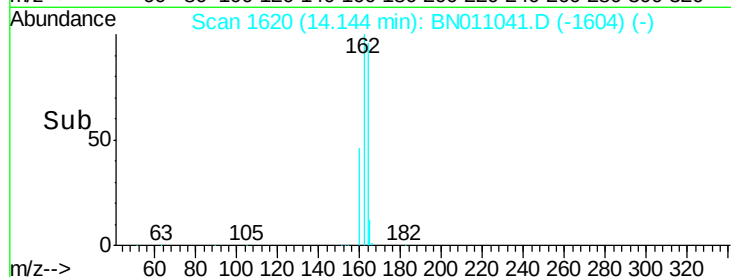
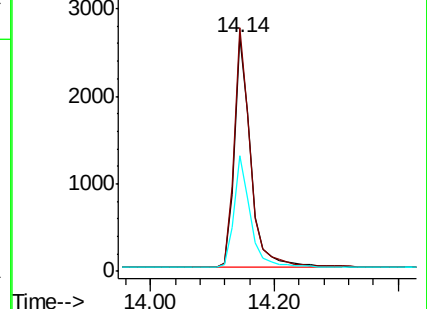
160 49.2 37.7 56.5



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: 0.171 ng

RT: 15.67 min Scan# 1740

Delta R.T. 0.02 min

Lab File: BN011041.D

Acq: 24 Jun 2020 10:51

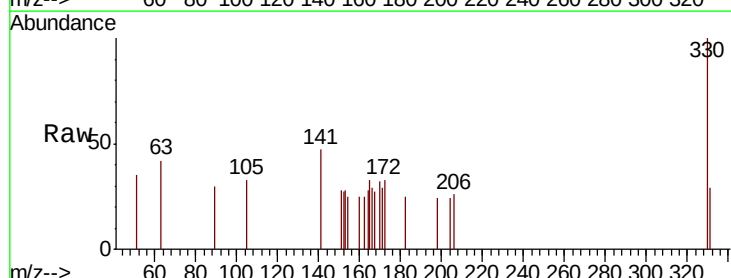
Tgt Ion:330 Resp: 371

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

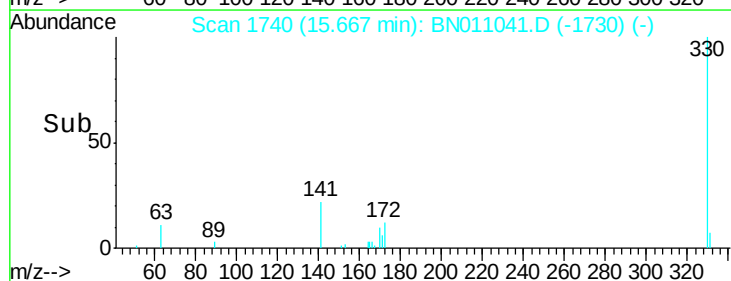
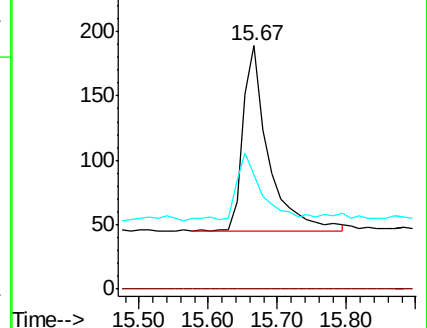
141 38.8 34.5 51.7

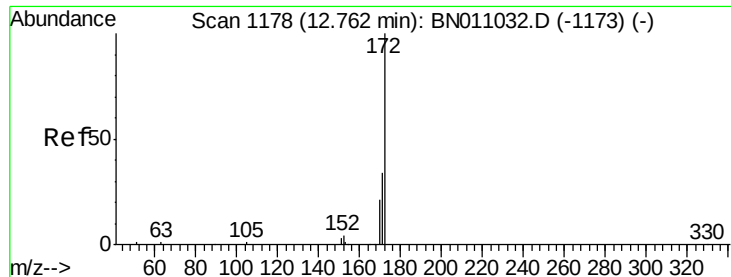


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

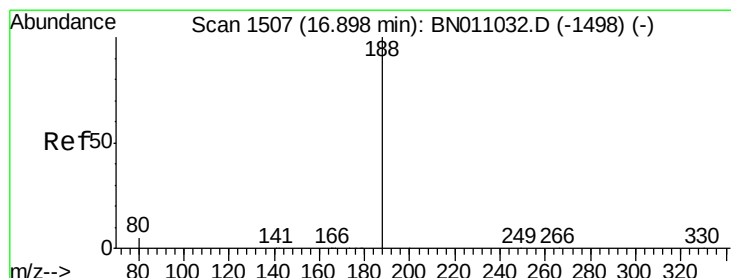
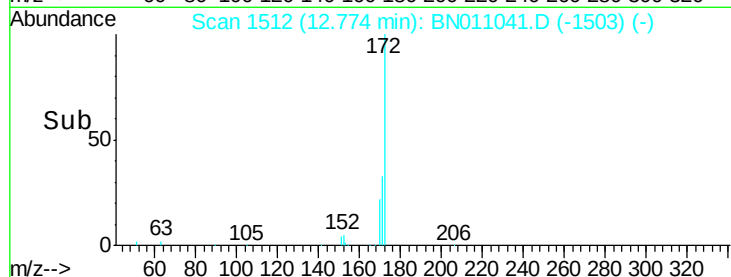
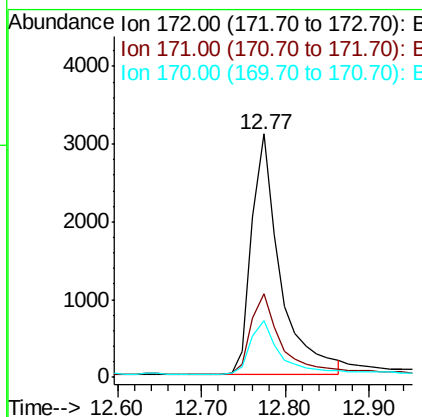
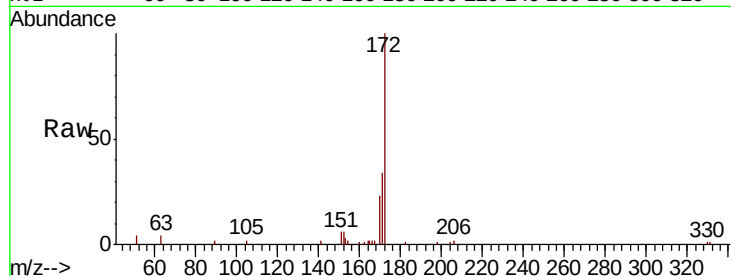




#15
2-Fluorobiphenyl
Concen: 0.317 ng
RT: 12.77 min Scan# 1512
Delta R.T. 0.01 min
Lab File: BN011041.D
Acq: 24 Jun 2020 10:51

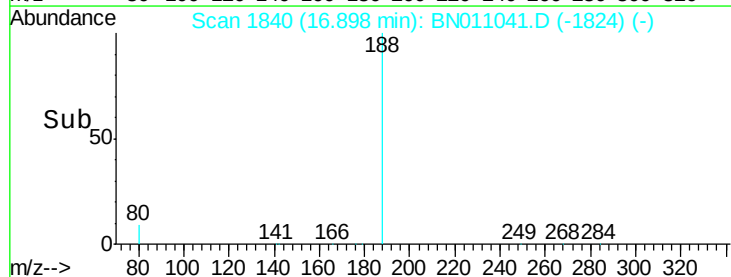
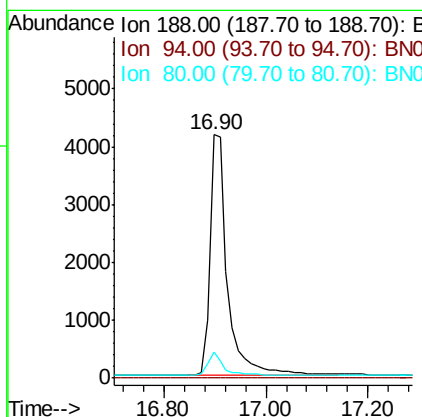
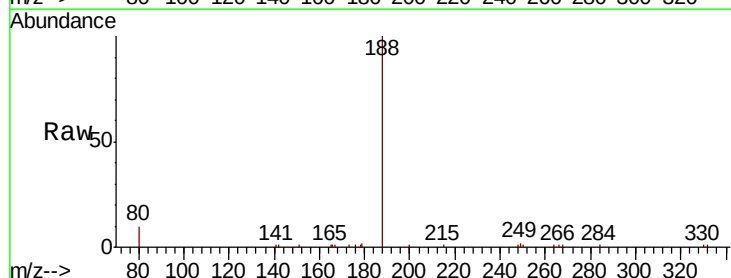
Instrument :
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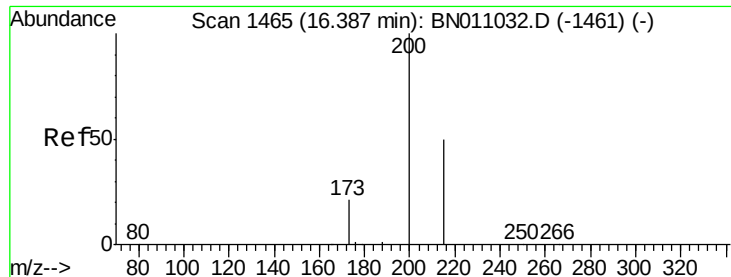
Tot Ion:172 Resp: 7278
Ion Ratio Lower Upper
172 100
171 34.2 27.4 41.2
170 23.4 17.5 26.3



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.90 min Scan# 1840
Delta R.T. -0.00 min
Lab File: BN011041.D
Acq: 24 Jun 2020 10:51

Tgt Ion:188 Resp: 10012
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.5 4.6 7.0#





#23

Atrazine

Concen: 0.061 ng

RT: 16.07 min Scan# 1772

Delta R.T. -0.32 min

Lab File: BN011041.D

Acq: 24 Jun 2020 10:51

Instrument :

BNA_N

ClientSampleId :

PB129663BL

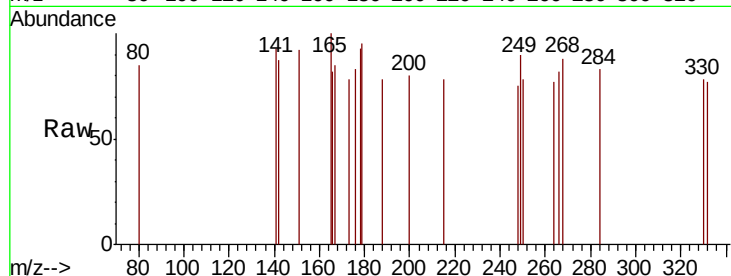
Tot Ion:200 Resp: 310

Ion Ratio Lower Upper

200 100

173 97.9 19.4 29.2#

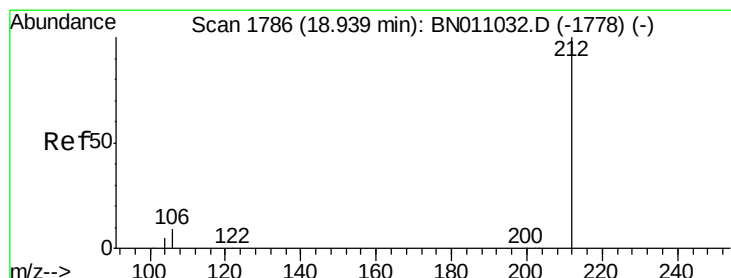
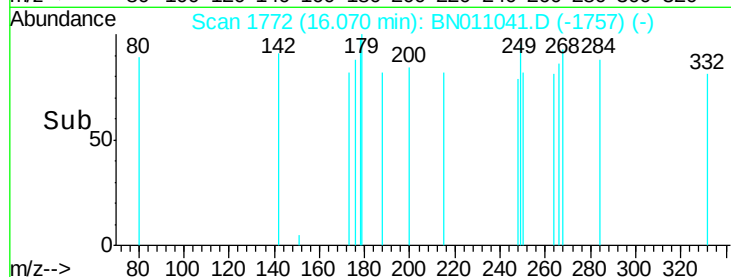
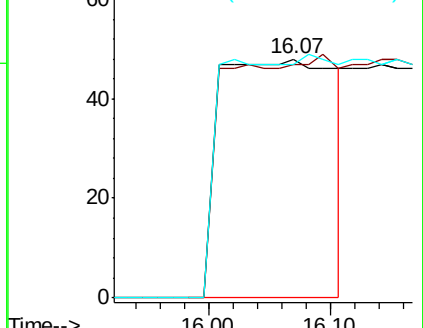
215 97.9 41.5 62.3#



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#27

Fluoranthene-d10

Concen: 0.261 ng

RT: 18.94 min Scan# 2118

Delta R.T. 0.00 min

Lab File: BN011041.D

Acq: 24 Jun 2020 10:51

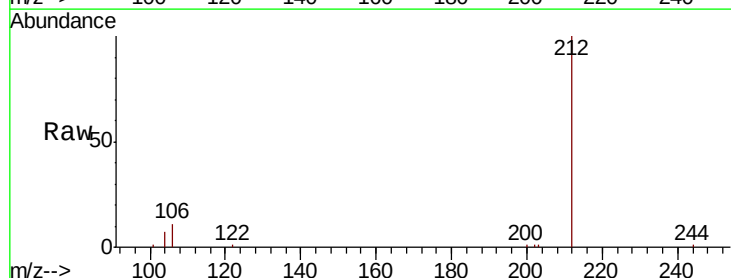
Tgt Ion:212 Resp: 8263

Ion Ratio Lower Upper

212 100

106 9.6 7.7 11.5

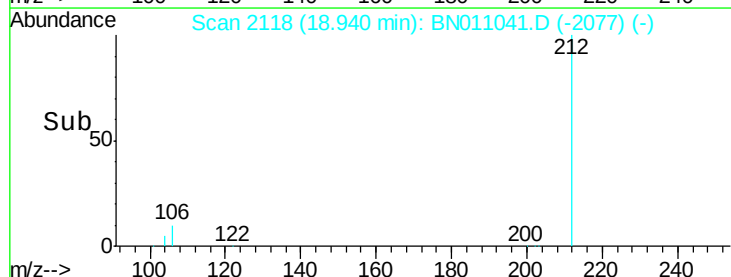
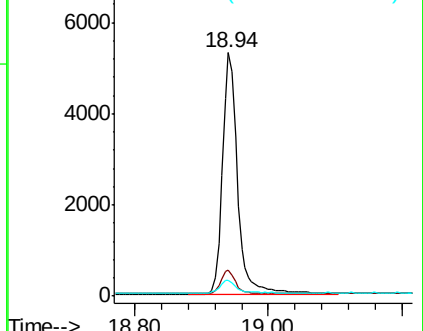
104 5.5 4.6 6.8

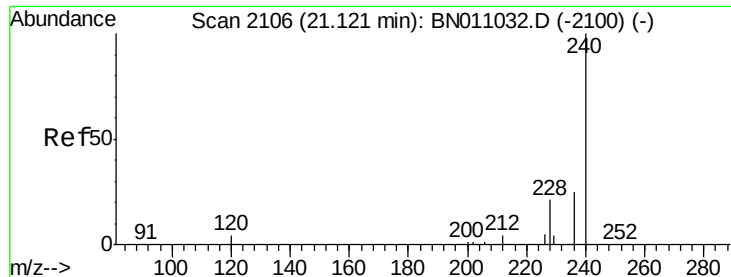


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.11 min Scan# 2437

Delta R.T. -0.01 min

Lab File: BN011041.D

Acq: 24 Jun 2020 10:51

Instrument :

BNA_N

ClientSampleId :

PB129663BL

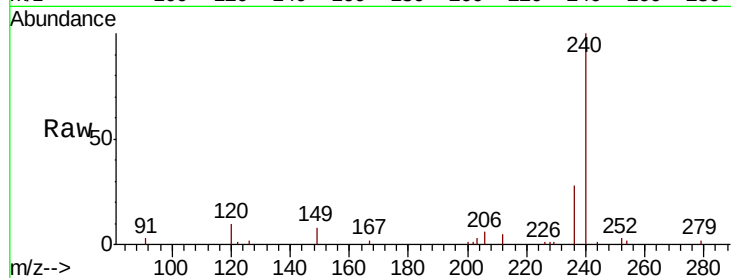
Tot Ion:240 Resp: 8851

Ion Ratio Lower Upper

240 100

120 9.7 5.4 8.0#

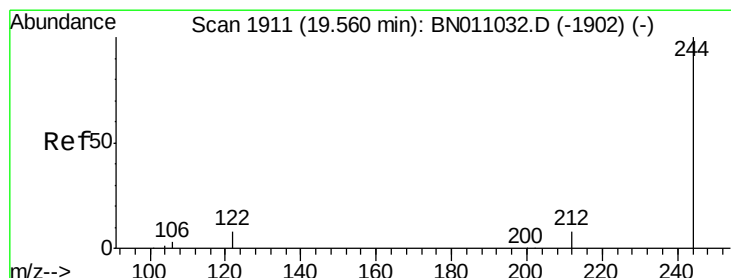
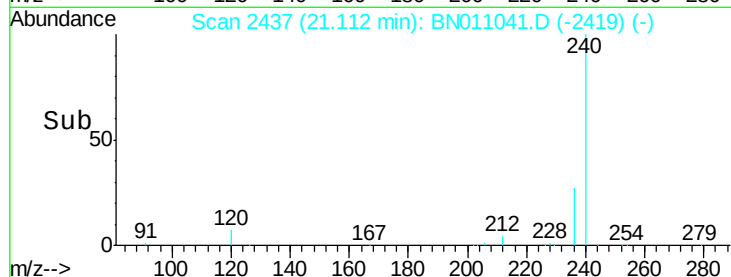
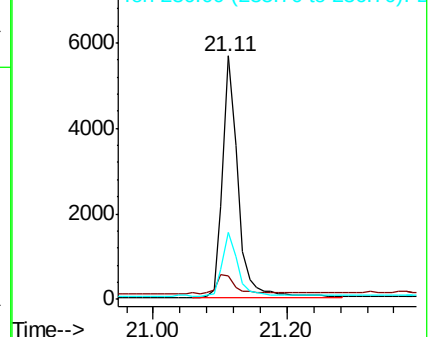
236 27.7 21.4 32.2



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



#31

Terphenyl-d14

Concen: 0.400 ng

RT: 19.56 min Scan# 2242

Delta R.T. -0.00 min

Lab File: BN011041.D

Acq: 24 Jun 2020 10:51

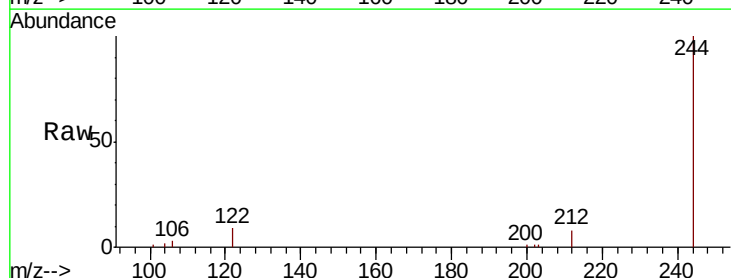
Tgt Ion:244 Resp: 9499

Ion Ratio Lower Upper

244 100

212 8.2 6.9 10.3

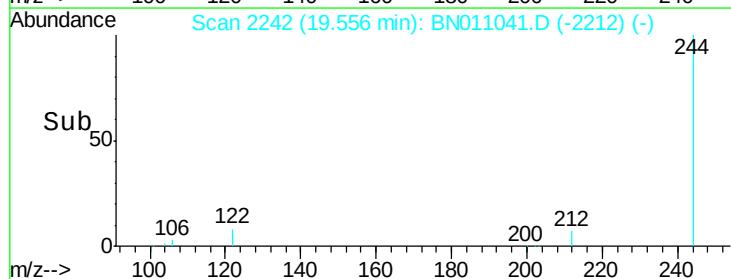
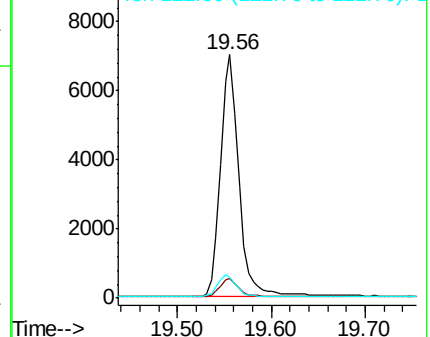
122 8.7 7.4 11.0

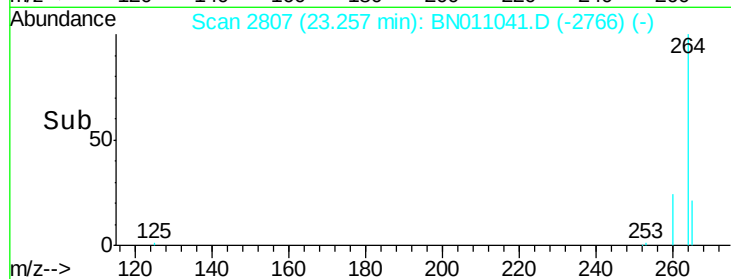
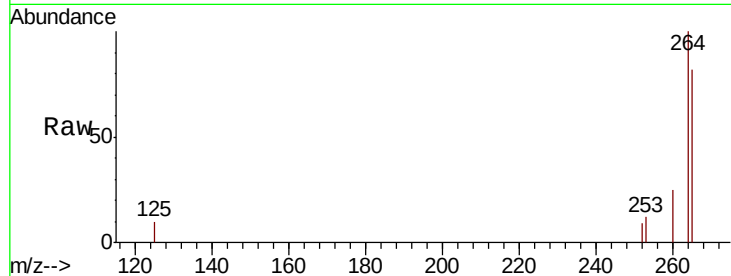
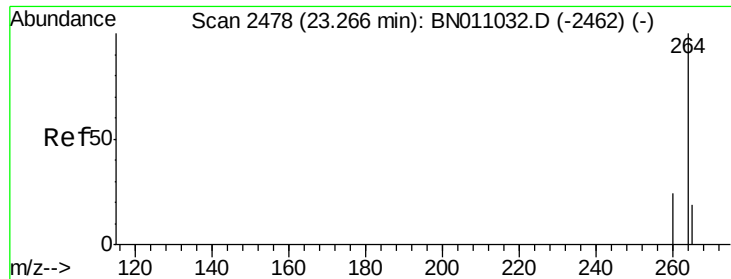


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#36

Pervlene-d12

Concen: 0.400 ng

RT: 23.26 min Scan# 2807

Delta R.T. -0.01 min

Lab File: BN011041.D

Acq: 24 Jun 2020 10:51

Instrument :

BNA_N

ClientSampleId :

PB129663BL

Tot Ion: 264 Resp: 8932

Ion Ratio Lower Upper

264 100

260 25.0 20.0 30.0

265 81.6 64.9 97.3

