

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082120\
 Data File : BN011582.D
 Acq On : 22 Aug 2020 11:30
 Operator : CG/JU
 Sample : L3718-12
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB181-GW-318-320

Quant Time: Aug 24 01:56:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082120.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 22 04:52:07 2020
 Response via : Initial Calibration

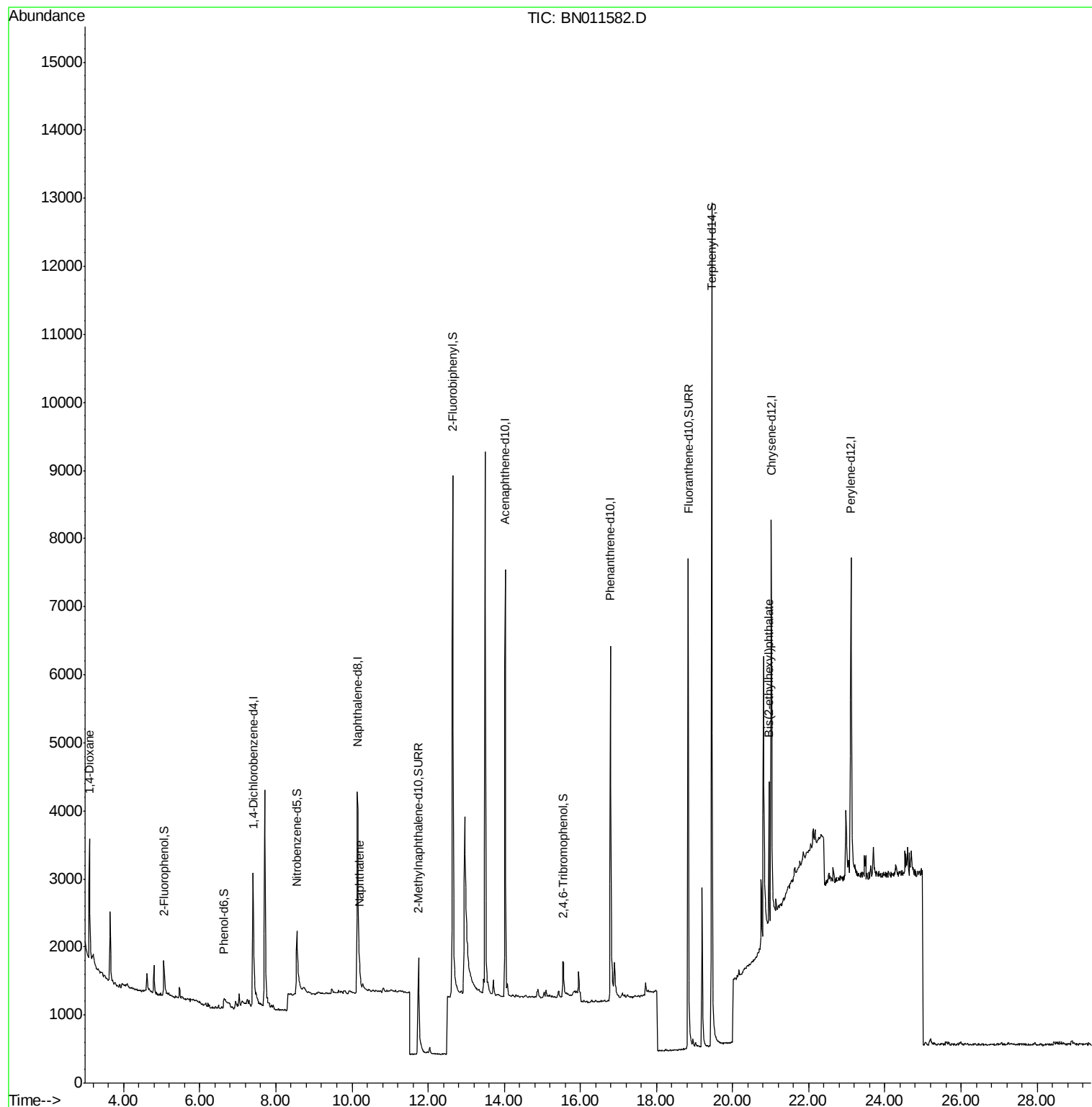
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	1496	0.40	ng	0.00
7) Naphthalene-d8	10.14	136	6326	0.40	ng	-0.01
13) Acenaphthene-d10	14.03	164	3942	0.40	ng	0.00
19) Phenanthrene-d10	16.79	188	8380	0.40	ng	0.00
29) Chrysene-d12	21.01	240	7467	0.40	ng	0.00
36) Perylene-d12	23.11	264	6664	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	735	0.23	ng	0.00
5) Phenol-d6	6.64	99	313	0.10	ng	0.02
8) Nitrobenzene-d5	8.55	82	1678	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	11.74	152	3067	0.27	ng	0.00
14) 2,4,6-Tribromophenol	15.55	330	677	0.34	ng	0.00
15) 2-Fluorobiphenyl	12.64	172	8700	0.54	ng	-0.01
27) Fluoranthene-d10	18.83	212	10015	0.35	ng	0.00
31) Terphenyl-d14	19.45	244	14669	0.75	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.10	88	1599	0.782	ng	# 100
9) Naphthalene	10.19	128	496	0.027	ng	# 60
34) Bis(2-ethylhexyl)phthalate	20.96	149	2068	0.187	ng	98

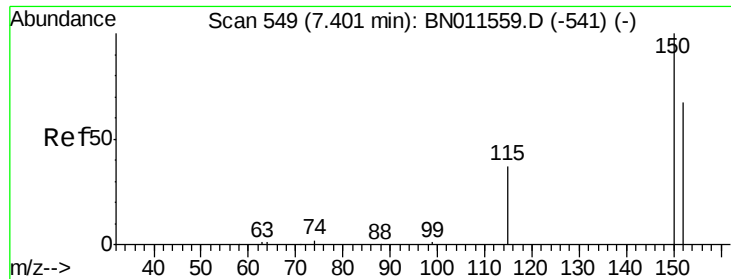
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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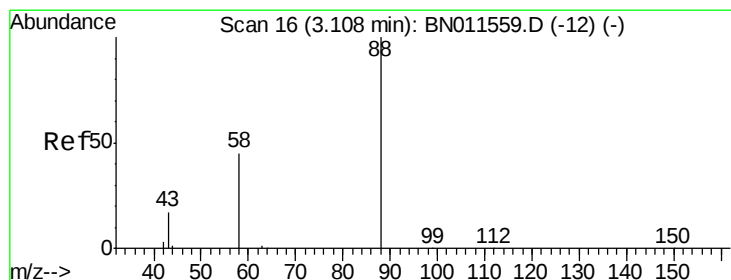
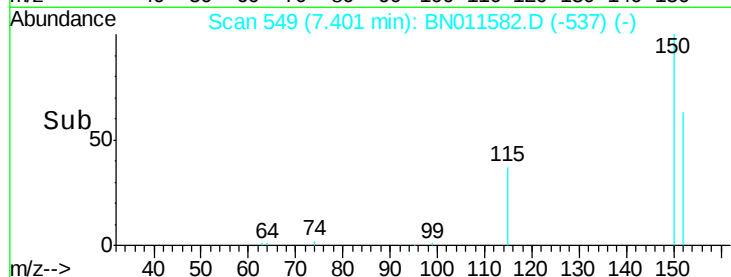
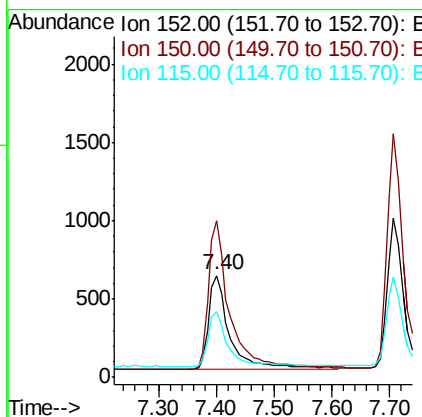
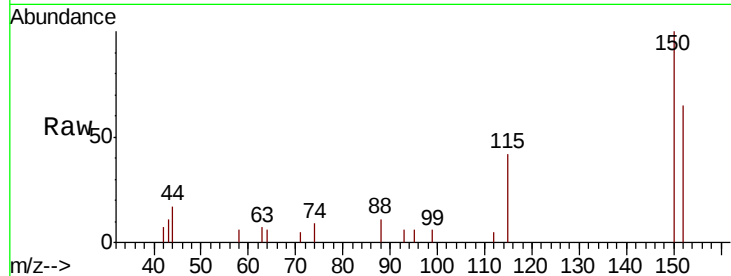


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 549
Delta R.T. -0.00 min
Lab File: BN011582.D
Acq: 22 Aug 2020 11:30

Instrument :
BNA_N
ClientSampleId :
BP-VPB181-GW-318-320

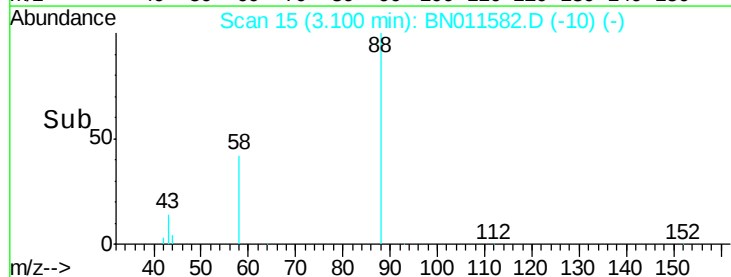
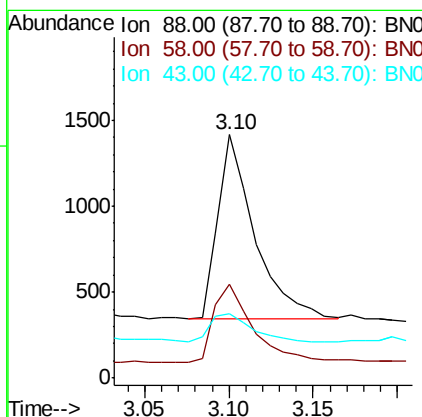
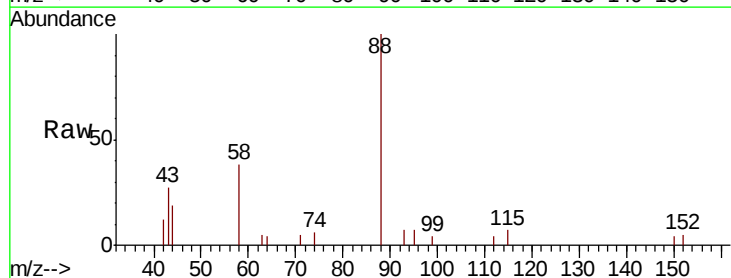
Tot Ion:152 Resp: 1496
Ion Ratio Lower Upper
152 100
150 153.0 117.1 175.7
115 64.5 48.7 73.1

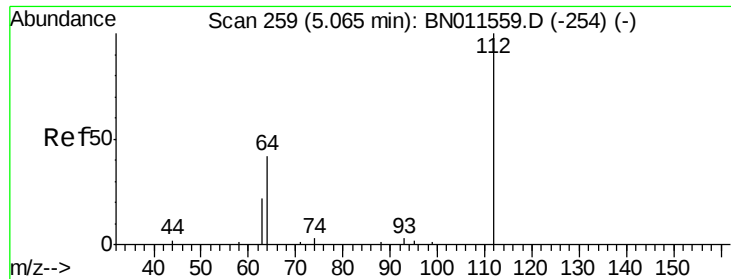


#2

1,4-Dioxane
Concen: 0.782 ng
RT: 3.10 min Scan# 15
Delta R.T. -0.01 min
Lab File: BN011582.D
Acq: 22 Aug 2020 11:30

Tgt Ion: 88 Resp: 1599
Ion Ratio Lower Upper
88 100
58 45.8 0.0 0.0#
43 17.4 0.0 0.0#





#4

2-Fluorophenol

Concen: 0.230 ng

RT: 5.06 min Scan# 258

Delta R.T. -0.01 min

Lab File: BN011582.D

Acq: 22 Aug 2020 11:30

Instrument :

BNA_N

ClientSampleId :

BP-VPB181-GW-318-320

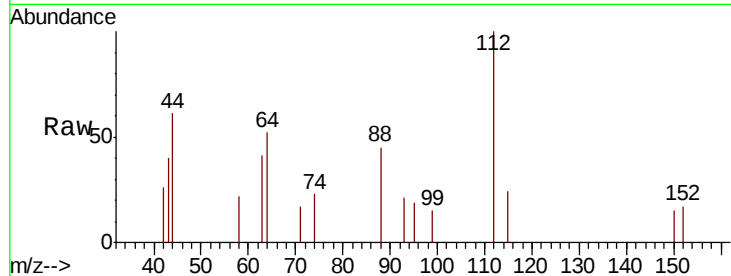
Tot Ion: 112 Resp: 735

Ion Ratio Lower Upper

112 100

64 41.2 33.9 50.9

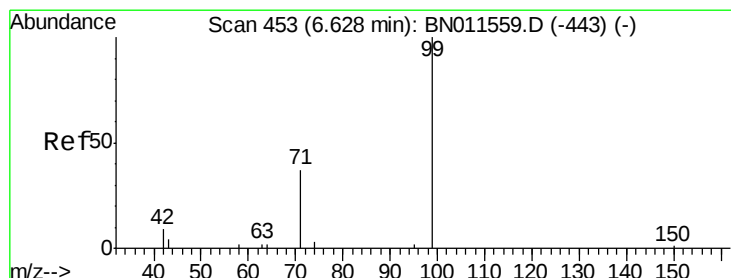
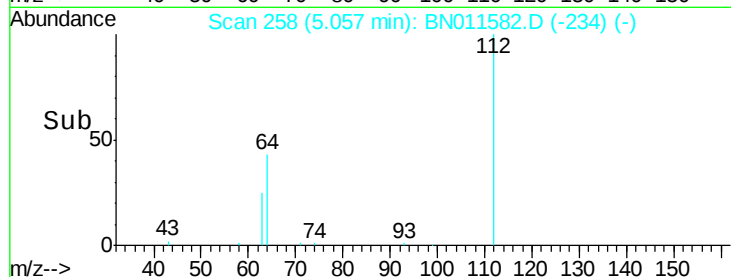
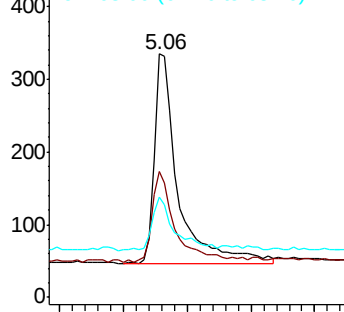
63 25.2 17.7 26.5



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: 0.097 ng

RT: 6.64 min Scan# 455

Delta R.T. 0.02 min

Lab File: BN011582.D

Acq: 22 Aug 2020 11:30

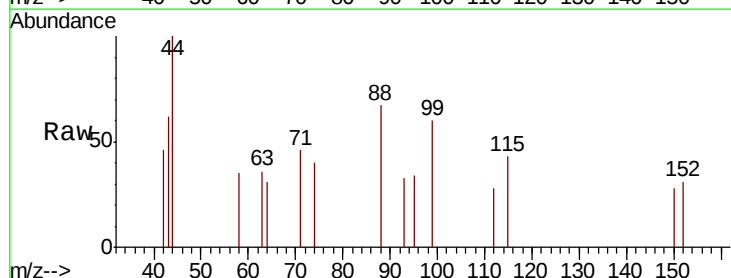
Tgt Ion: 99 Resp: 313

Ion Ratio Lower Upper

99 100

42 8.9 9.0 13.4#

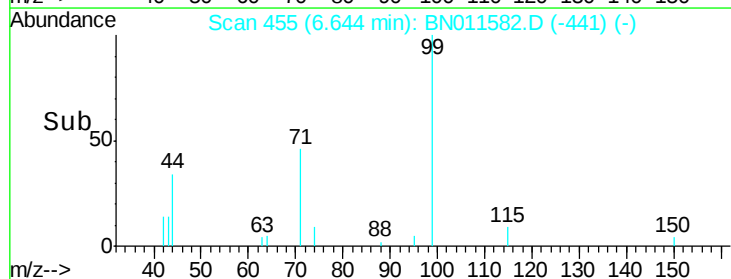
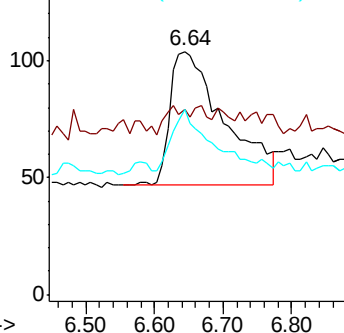
71 35.1 30.4 45.6

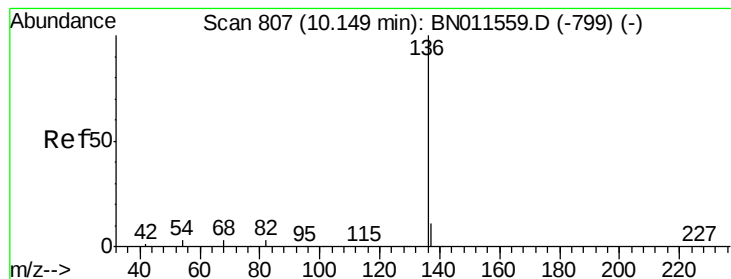


Abundance Ion 99.00 (98.70 to 99.70): BNO

Ion 42.00 (41.70 to 42.70): BNO

Ion 71.00 (70.70 to 71.70): BNO





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.14 min Scan# 806

Delta R.T. -0.01 min

Lab File: BN011582.D

Acq: 22 Aug 2020 11:30

Instrument :

BNA_N

ClientSampleId :

BP-VPB181-GW-318-320

Tot Ion:136 Resp: 6326

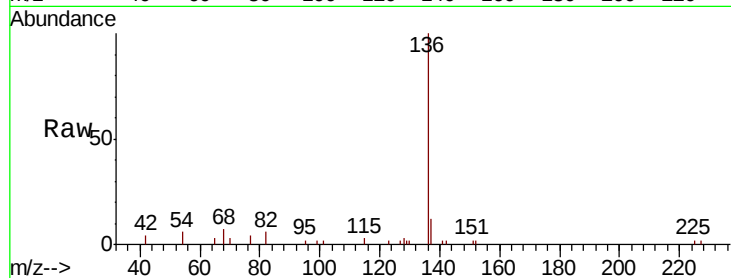
Ion Ratio Lower Upper

136 100

137 12.3 11.0 16.4

54 6.3 4.3 6.5

68 6.9 4.9 7.3

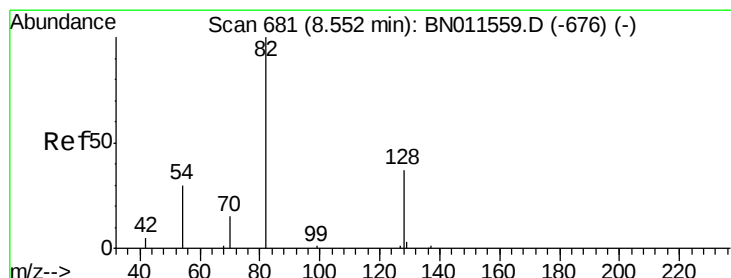
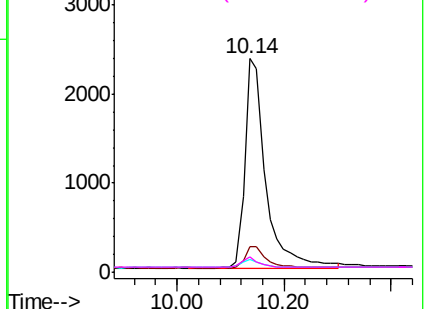
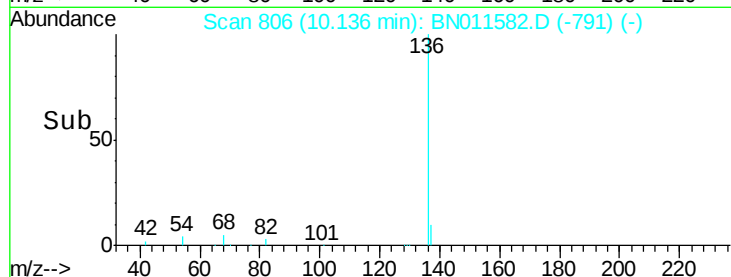


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.404 ng

RT: 8.55 min Scan# 681

Delta R.T. -0.00 min

Lab File: BN011582.D

Acq: 22 Aug 2020 11:30

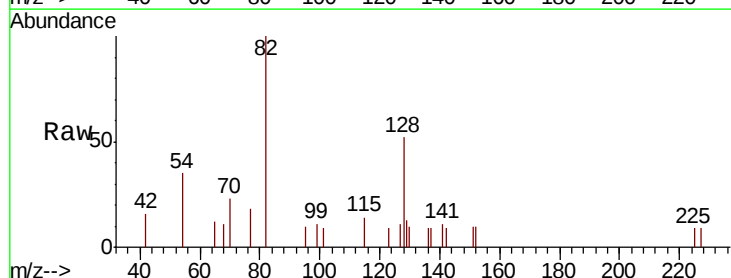
Tgt Ion: 82 Resp: 1678

Ion Ratio Lower Upper

82 100

128 51.6 41.7 62.5

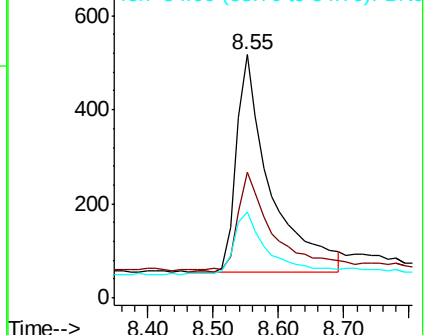
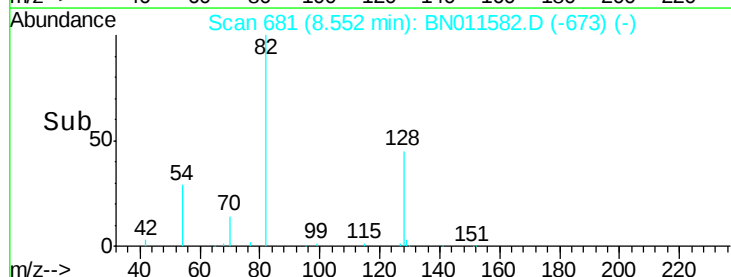
54 35.4 34.4 51.6

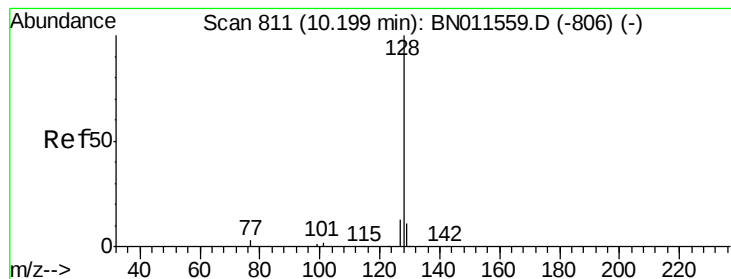


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.027 ng

RT: 10.19 min Scan# 810

Delta R.T. -0.01 min

Lab File: BN011582.D

Acq: 22 Aug 2020 11:30

Instrument :

BNA_N

ClientSampleId :

BP-VPB181-GW-318-320

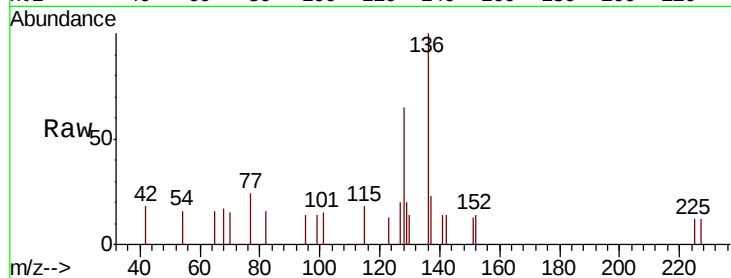
Tot Ion:128 Resp: 496

Ion Ratio Lower Upper

128 100

129 31.3 10.8 16.2#

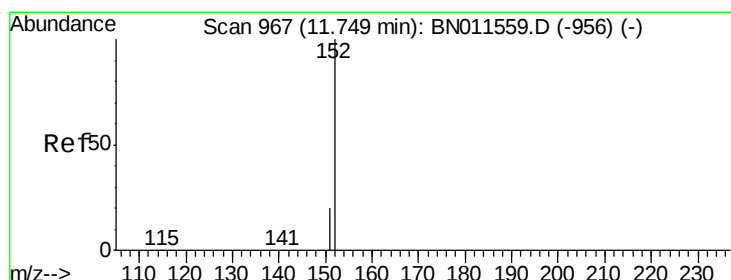
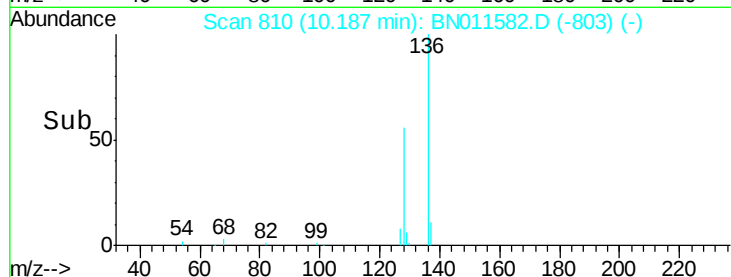
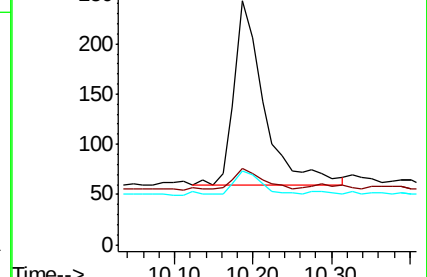
127 30.5 12.3 18.5#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#11

2-Methylnaphthalene-d10

Concen: 0.271 ng

RT: 11.74 min Scan# 966

Delta R.T. -0.00 min

Lab File: BN011582.D

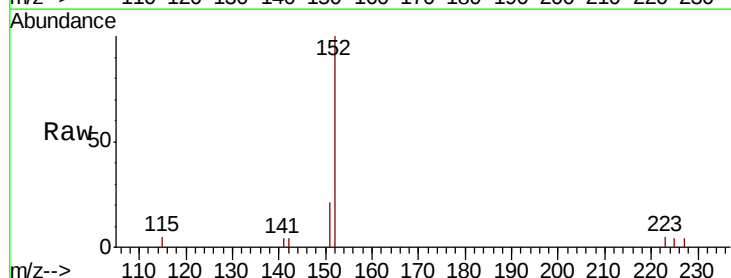
Acq: 22 Aug 2020 11:30

Tgt Ion:152 Resp: 3067

Ion Ratio Lower Upper

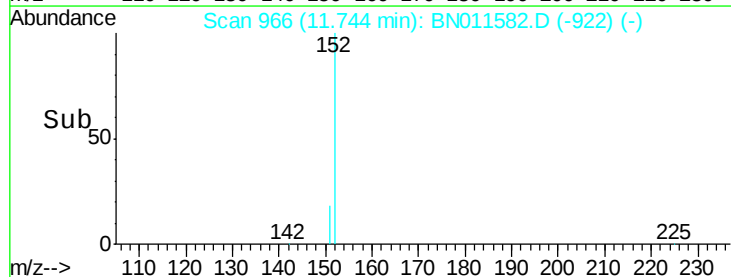
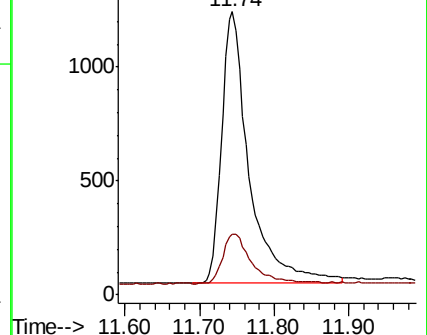
152 100

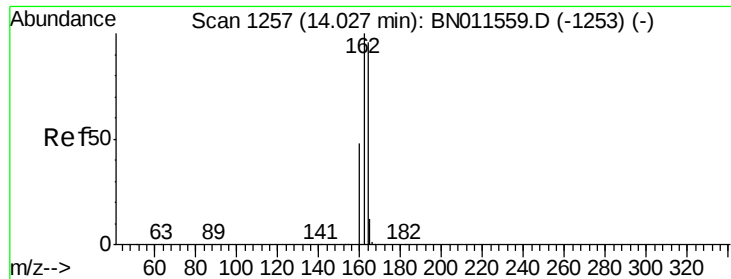
151 19.7 16.6 24.8



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: 14.03 min Scan# 1257

Delta R.T. -0.00 min

Lab File: BN011582.D

Acq: 22 Aug 2020 11:30

Instrument :

BNA_N

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BP-VPB181-GW-318-320

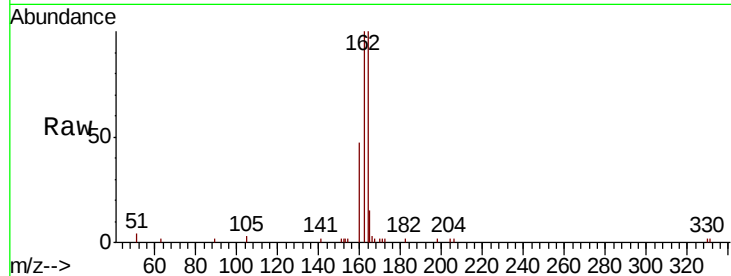
Tot Ion:164 Resp: 3942

Ion Ratio Lower Upper

164 100

162 100.0 83.7 125.5

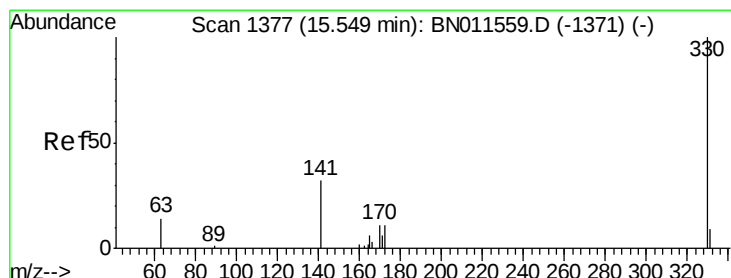
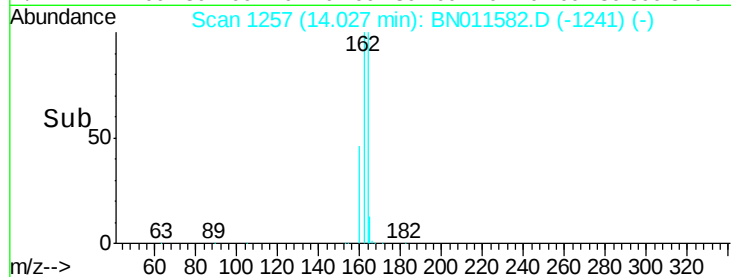
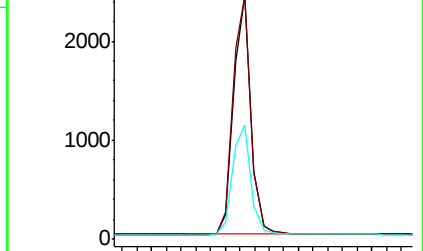
160 47.1 41.1 61.7



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: 0.345 ng

RT: 15.55 min Scan# 1377

Delta R.T. -0.00 min

Lab File: BN011582.D

Acq: 22 Aug 2020 11:30

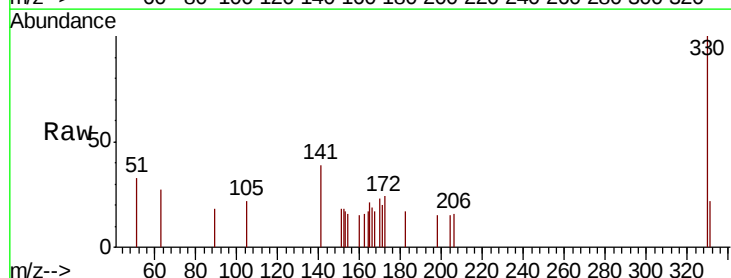
Tgt Ion:330 Resp: 677

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

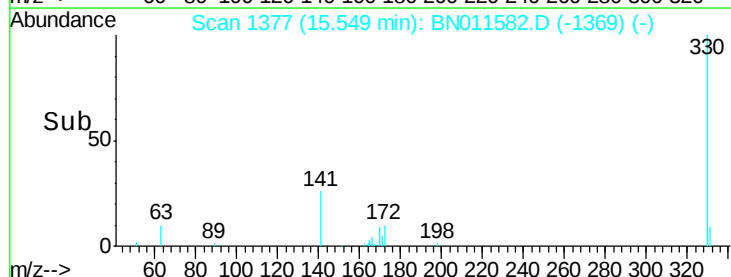
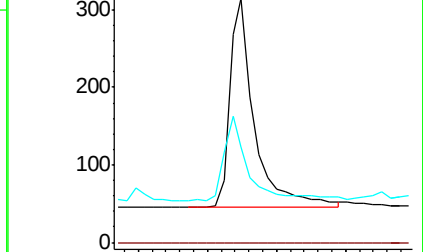
141 39.9 34.6 52.0

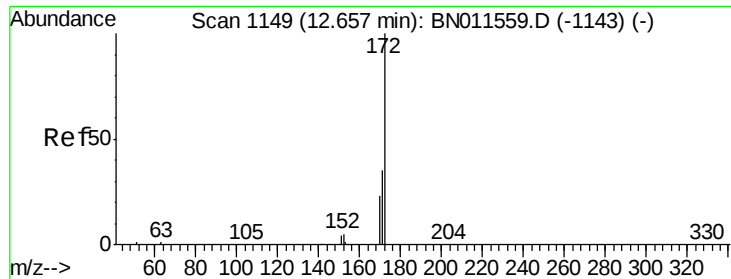


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

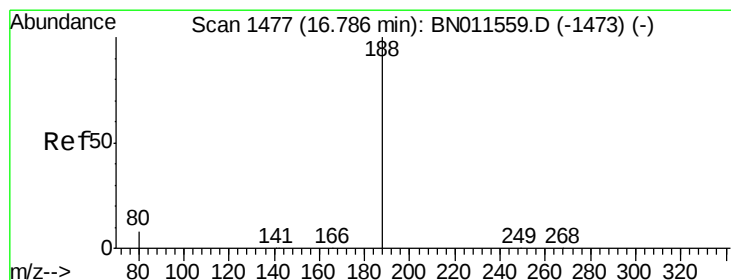
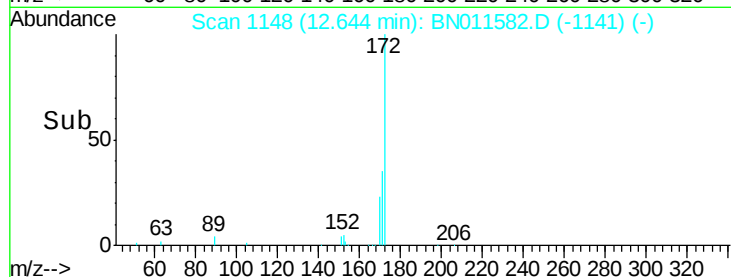
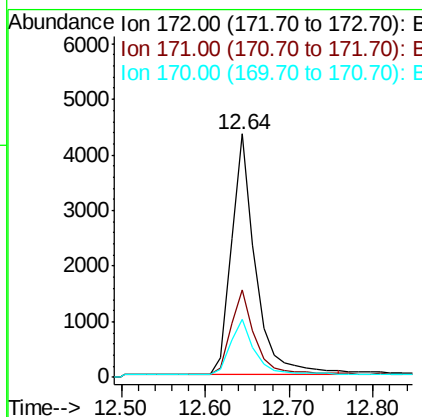
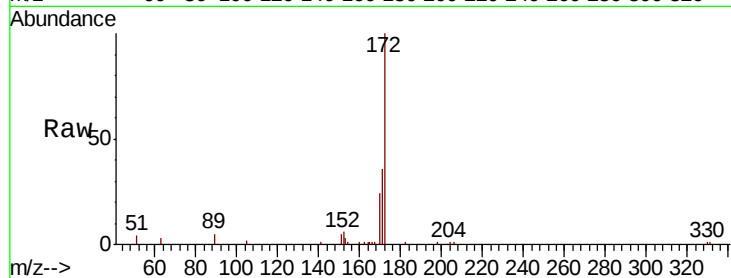




#15
2-Fluorobiphenyl
Concen: 0.537 ng
RT: 12.64 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BN011582.D
Acq: 22 Aug 2020 11:30

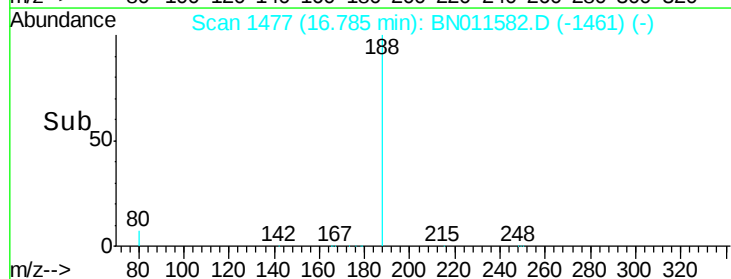
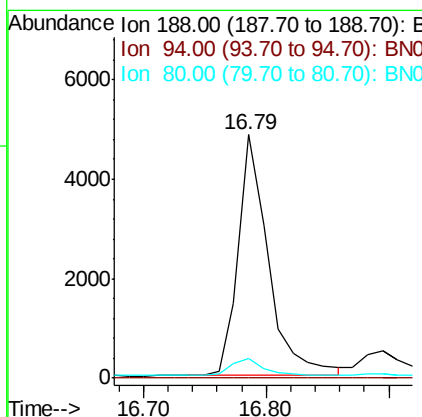
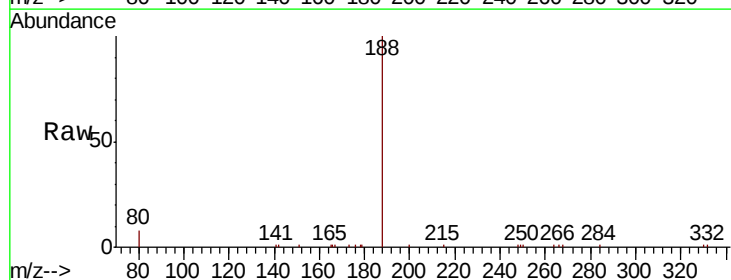
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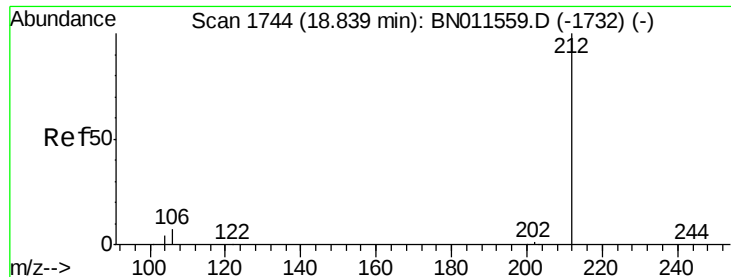
Tot Ion:172 Resp: 8700
Ion Ratio Lower Upper
172 100
171 35.8 29.4 44.0
170 24.0 20.1 30.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.79 min Scan# 1477
Delta R.T. -0.00 min
Lab File: BN011582.D
Acq: 22 Aug 2020 11:30

Tgt Ion:188 Resp: 8380
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.8 7.6 11.4





#27

Fluoranthene-d10

Concen: 0.355 ng

RT: 18.83 min Scan# 1743

Delta R.T. -0.01 min

Lab File: BN011582.D

Acq: 22 Aug 2020 11:30

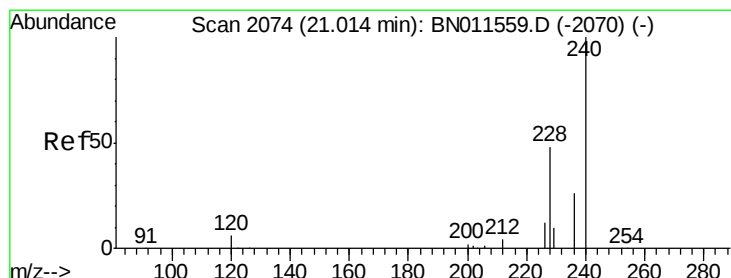
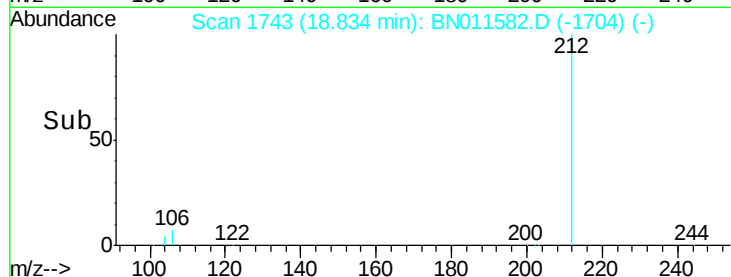
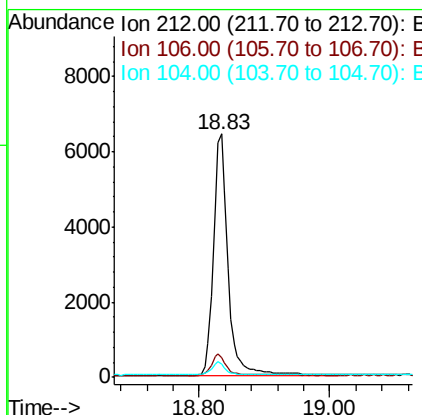
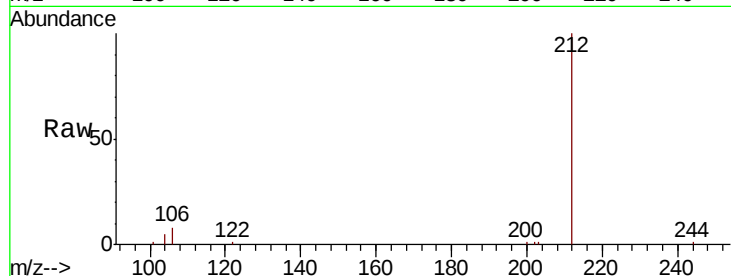
Instrument :

BNA_N

ClientSampleId :

BP-VPB181-GW-318-320

Tot Ion:212	Resp:	10015
Ion Ratio	Lower	Upper
212	100	
106	8.5	6.2 9.2
104	4.8	3.8 5.6



#29

Chrysene-d12

Concen: 0.400 ng

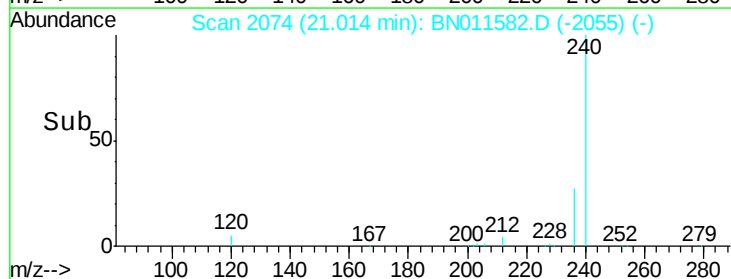
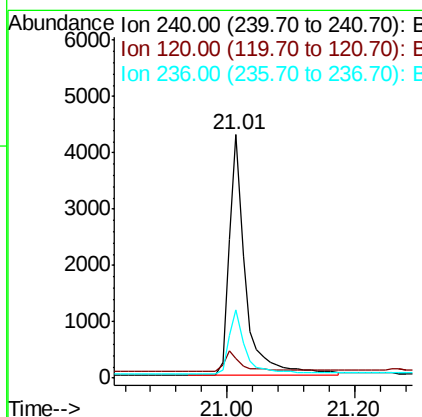
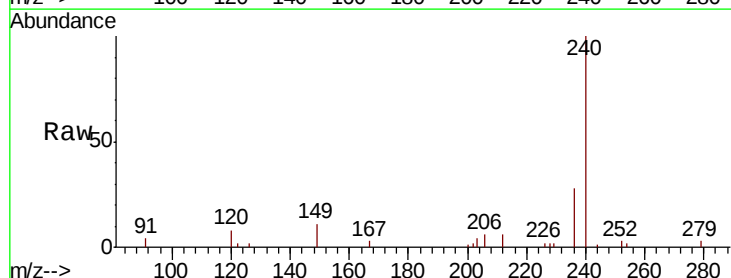
RT: 21.01 min Scan# 2074

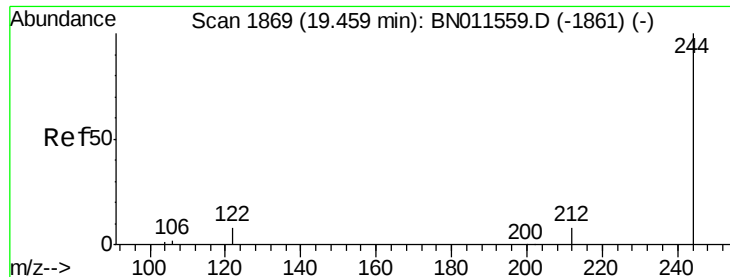
Delta R.T. -0.00 min

Lab File: BN011582.D

Acq: 22 Aug 2020 11:30

Tgt Ion:240	Resp:	7467
Ion Ratio	Lower	Upper
240	100	
120	8.1	7.4 11.0
236	28.2	22.3 33.5





#31

Terphenyl-d14

Concen: 0.753 ng

RT: 19.45 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BN011582.D

Acq: 22 Aug 2020 11:30

Instrument :

BNA_N

ClientSampleId :

BP-VPB181-GW-318-320

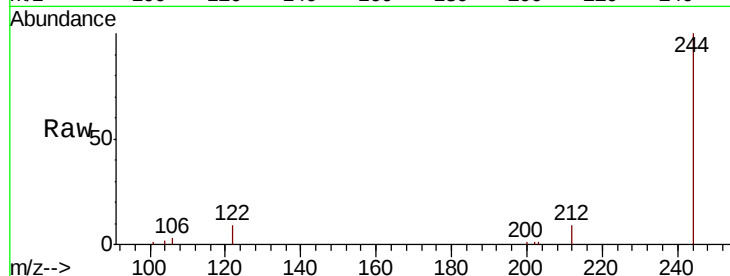
Tot Ion:244 Resp: 14669

Ion Ratio Lower Upper

244 100

212 8.6 8.2 12.4

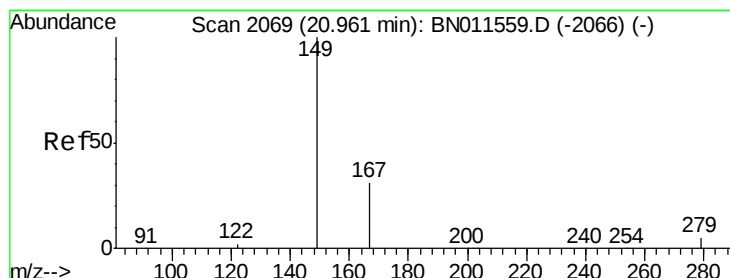
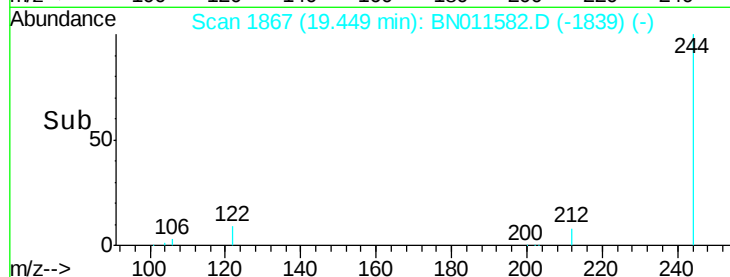
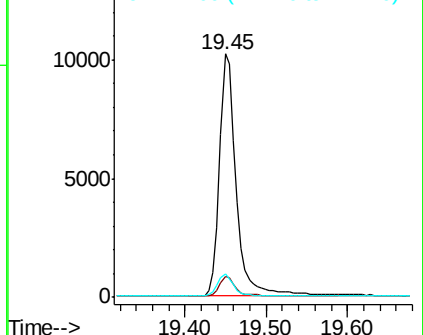
122 9.4 8.0 12.0



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



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.187 ng

RT: 20.96 min Scan# 2069

Delta R.T. 0.00 min

Lab File: BN011582.D

Acq: 22 Aug 2020 11:30

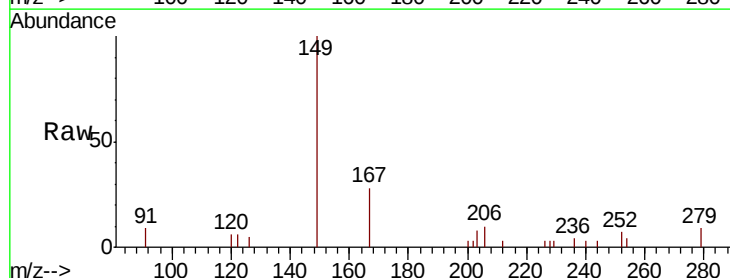
Tgt Ion:149 Resp: 2068

Ion Ratio Lower Upper

149 100

167 27.6 22.8 34.2

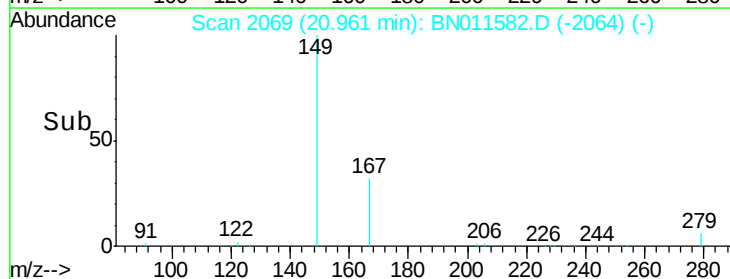
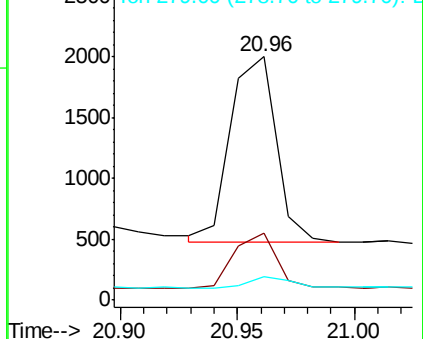
279 5.4 4.2 6.2

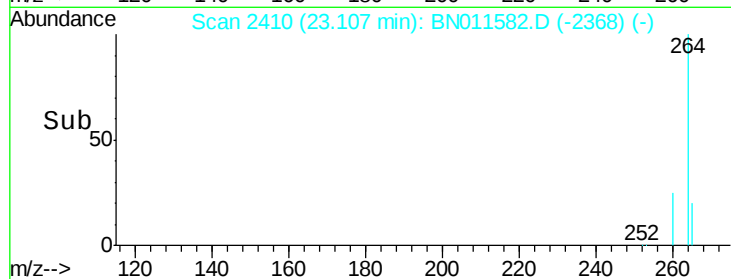
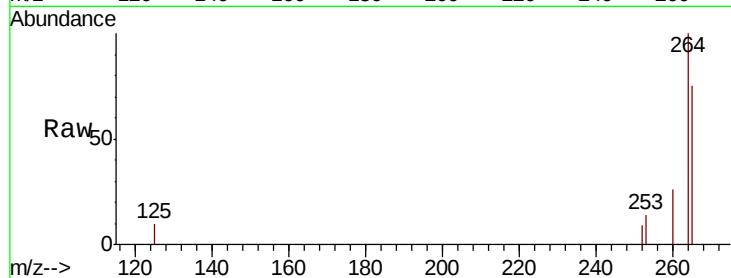
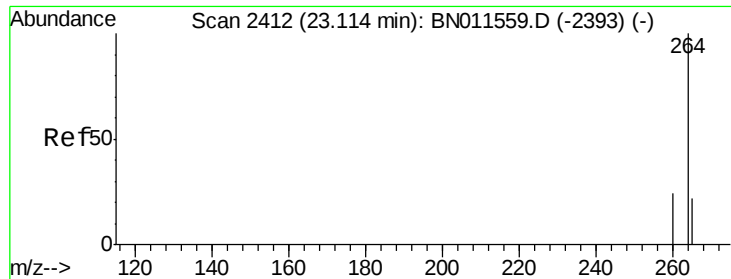


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#36

Pervlene-d12

Concen: 0.400 ng

RT: 23.11 min Scan# 2410

Delta R.T. -0.01 min

Lab File: BN011582.D

Acq: 22 Aug 2020 11:30

Instrument :

BNA_N

ClientSampleId :

BP-VPB181-GW-318-320

Tot Ion: 264 Resp: 6664

Ion Ratio Lower Upper

264 100

260 25.8 20.3 30.5

265 74.5 96.1 144.1#

