

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082120\
 Data File : BN011577.D
 Acq On : 22 Aug 2020 08:29
 Operator : CG/JU
 Sample : L3718-10
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB181-GW-278-280

Quant Time: Aug 24 01:23:05 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

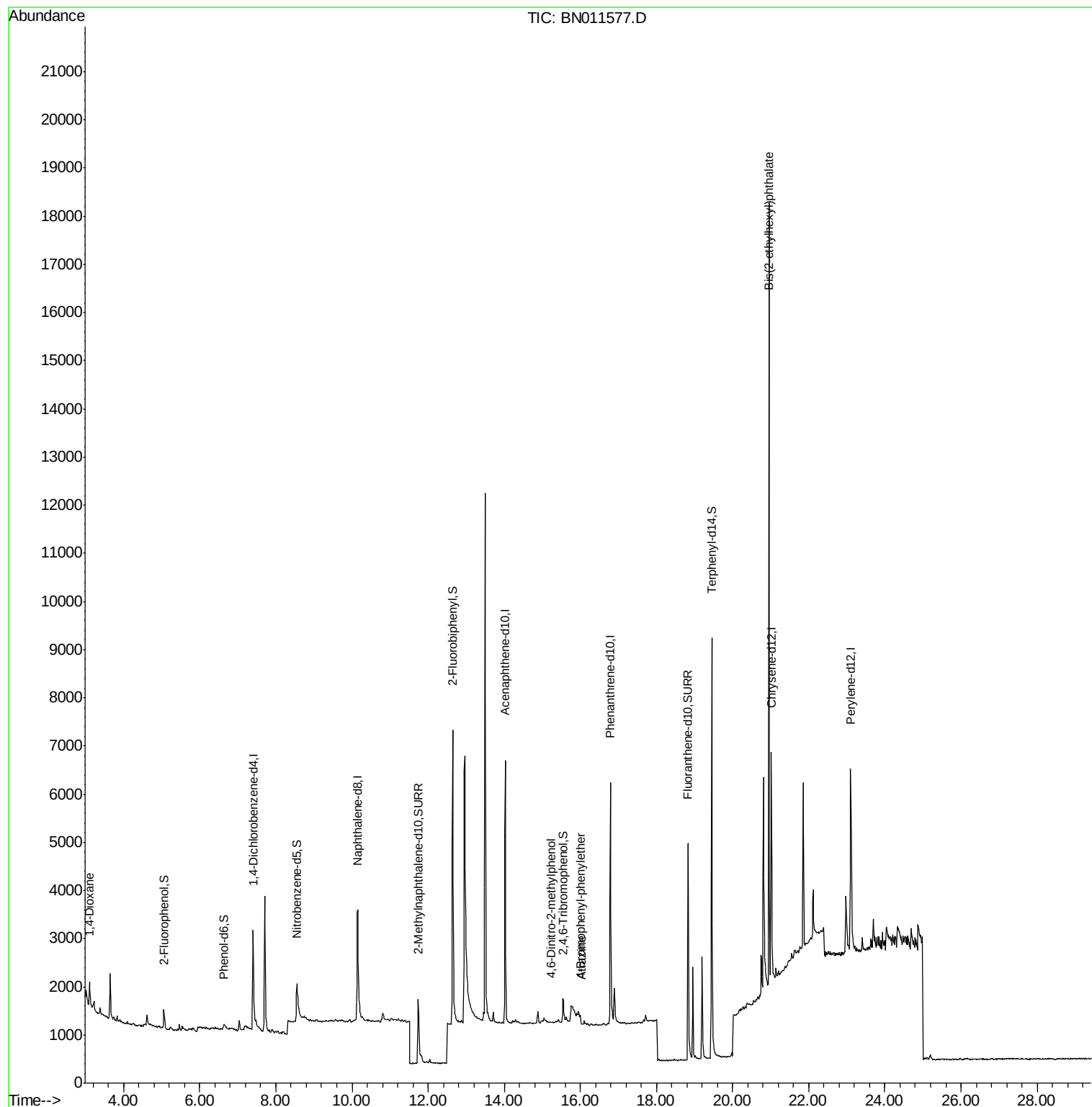
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	1547	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	5102	0.40	ng	0.00
13) Acenaphthene-d10	14.03	164	3279	0.40	ng	0.00
19) Phenanthrene-d10	16.79	188	7516	0.40	ng	0.00
29) Chrysene-d12	21.01	240	5816	0.40	ng	0.00
36) Perylene-d12	23.10	264	5347	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.07	112	560	0.17	ng	0.00
5) Phenol-d6	6.64	99	298	0.09	ng	0.00
8) Nitrobenzene-d5	8.55	82	1579	0.47	ng	0.00
11) 2-Methylnaphthalene-d10	11.74	152	2701	0.30	ng	0.00
14) 2,4,6-Tribromophenol	15.55	330	585	0.36	ng	0.00
15) 2-Fluorobiphenyl	12.64	172	6716	0.50	ng	-0.01
27) Fluoranthene-d10	18.83	212	6478	0.26	ng	0.00
31) Terphenyl-d14	19.45	244	10259	0.68	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.11	88	511	0.242	ng	# 100
20) 4,6-Dinitro-2-methylphenol	15.23	198	2	0.176	ng	# 25
21) 4-Bromophenyl-phenylether	16.02	248	134	0.082	ng	# 65
23) Atrazine	16.04	200	137	0.035	ng	# 9
34) Bis(2-ethylhexyl)phthalate	20.96	149	14843	1.701	ng	100

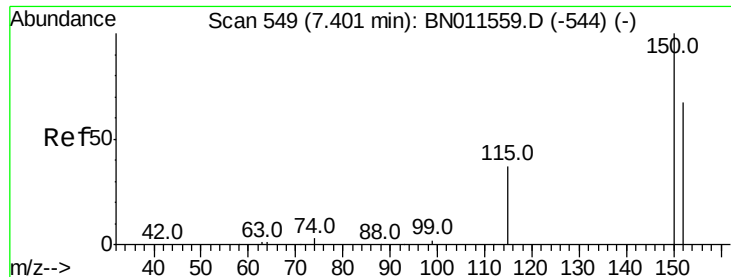
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BN011577.D

Acq: 22 Aug 2020 08:29

Instrument :

BNA_N

ClientSampleId :

BP-VPB181-GW-278-280

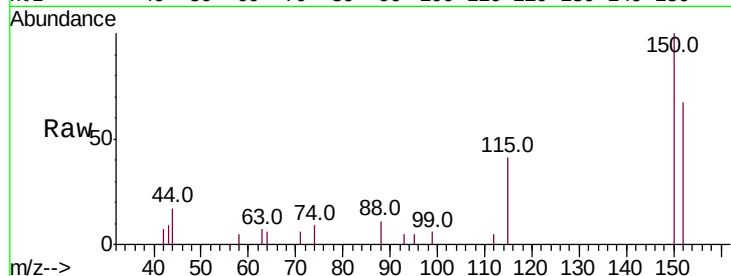
Tot Ion:152 Resp: 1547

Ion Ratio Lower Upper

152 100

150 149.0 117.1 175.7

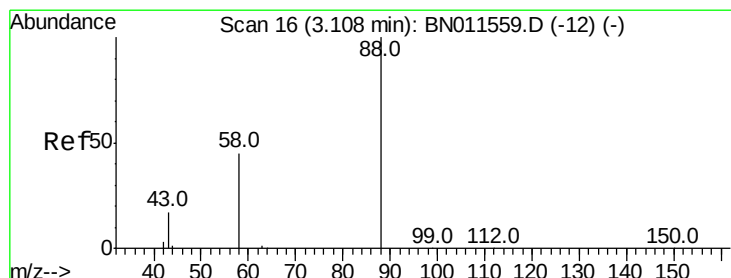
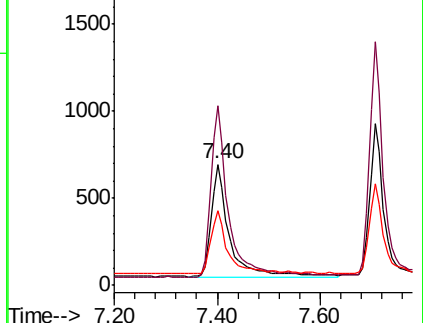
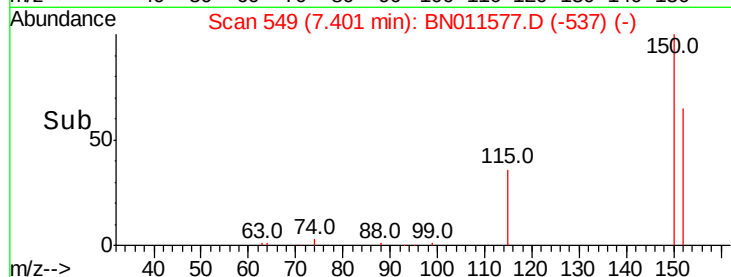
115 61.4 48.7 73.1



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: 0.242 ng

RT: 3.11 min Scan# 16

Delta R.T. 0.00 min

Lab File: BN011577.D

Acq: 22 Aug 2020 08:29

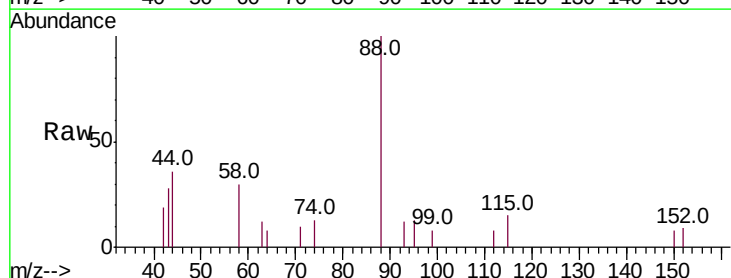
Tgt Ion: 88 Resp: 511

Ion Ratio Lower Upper

88 100

58 45.4 0.0 0.0#

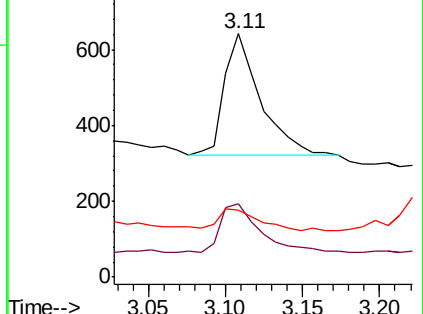
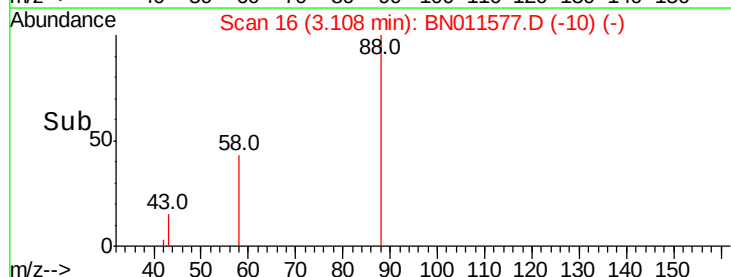
43 21.1 0.0 0.0#

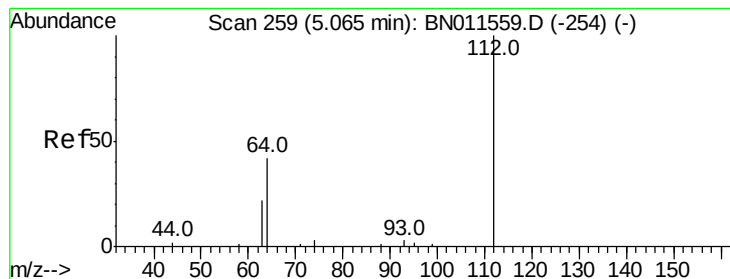


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#4

2-Fluorophenol

Concen: 0.170 ng

RT: 5.07 min Scan# 259

Delta R.T. 0.00 min

Lab File: BN011577.D

Acq: 22 Aug 2020 08:29

Instrument :

BNA_N

ClientSampleId :

BP-VPB181-GW-278-280

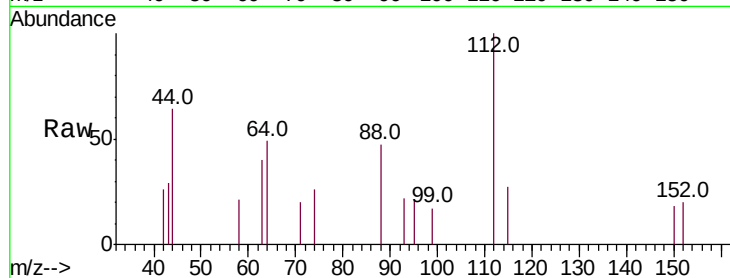
Tot Ion:112 Resp: 560

Ion Ratio Lower Upper

112 100

64 41.1 33.9 50.9

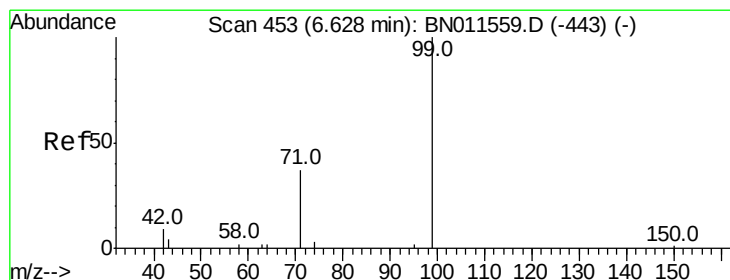
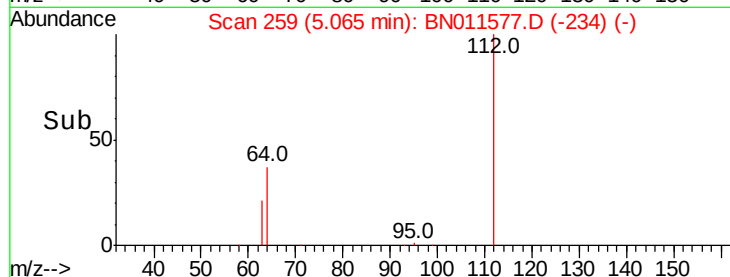
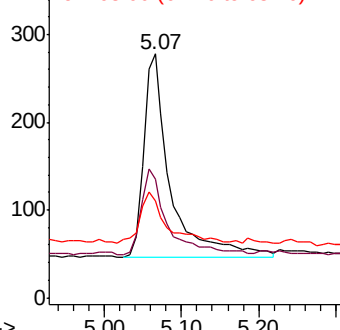
63 24.8 17.7 26.5



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: 0.089 ng

RT: 6.64 min Scan# 454

Delta R.T. 0.01 min

Lab File: BN011577.D

Acq: 22 Aug 2020 08:29

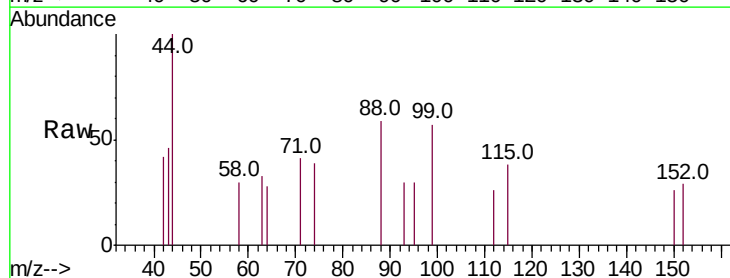
Tgt Ion: 99 Resp: 298

Ion Ratio Lower Upper

99 100

42 7.0 9.0 13.4#

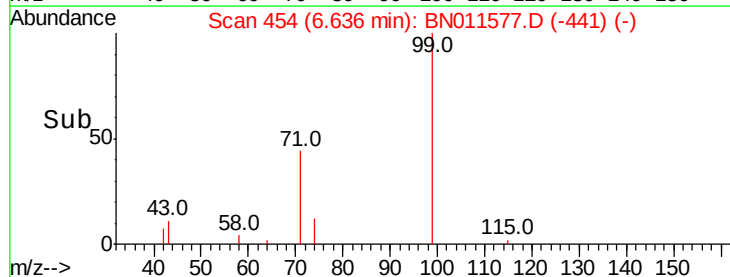
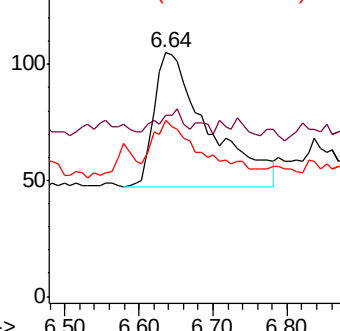
71 28.9 30.4 45.6#

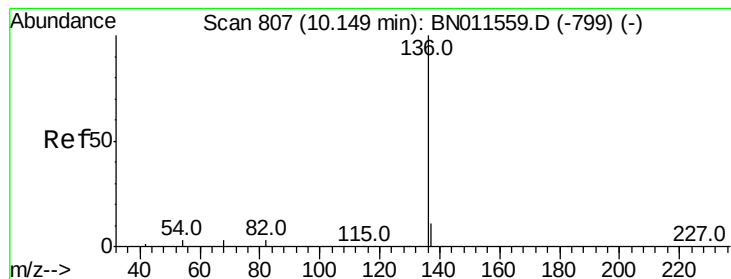


Abundance Ion 99.00 (98.70 to 99.70): BNO

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: 10.15 min Scan# 807

Delta R.T. 0.00 min

Lab File: BN011577.D

Acq: 22 Aug 2020 08:29

Instrument :

BNA_N

ClientSampleId :

BP-VPB181-GW-278-280

Tot Ion:136 Resp: 5102

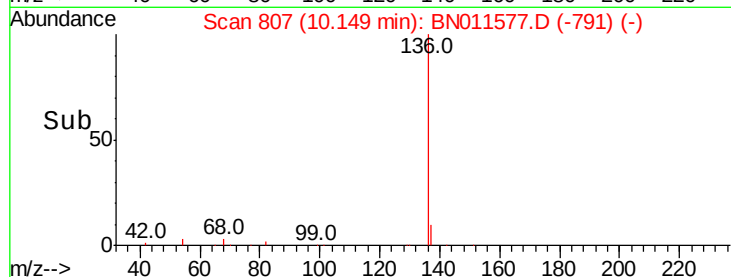
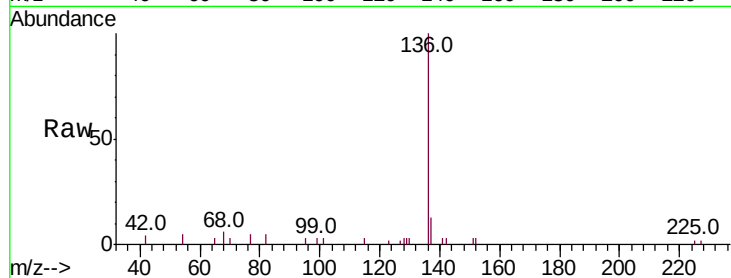
Ion Ratio Lower Upper

136 100

137 12.5 11.0 16.4

54 5.5 4.3 6.5

68 5.8 4.9 7.3

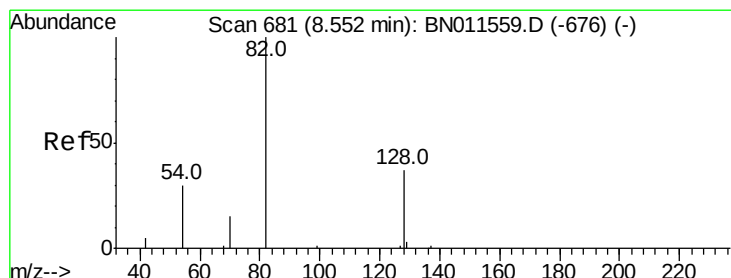
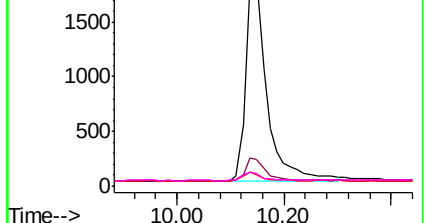


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.471 ng

RT: 8.55 min Scan# 681

Delta R.T. 0.00 min

Lab File: BN011577.D

Acq: 22 Aug 2020 08:29

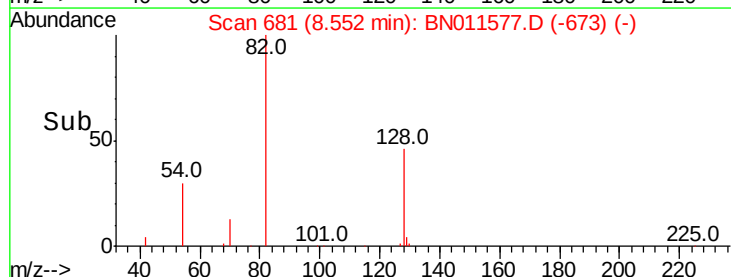
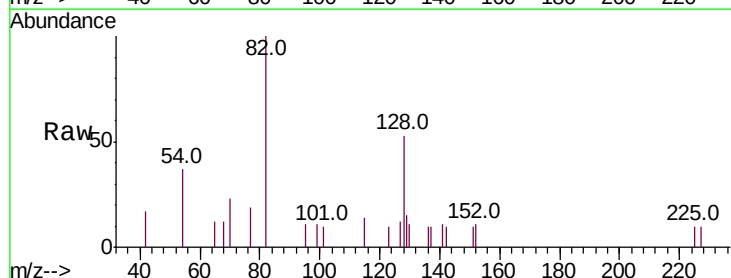
Tgt Ion: 82 Resp: 1579

Ion Ratio Lower Upper

82 100

128 52.5 41.7 62.5

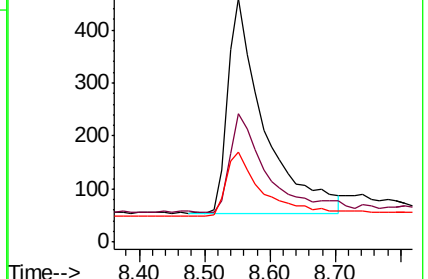
54 37.0 34.4 51.6

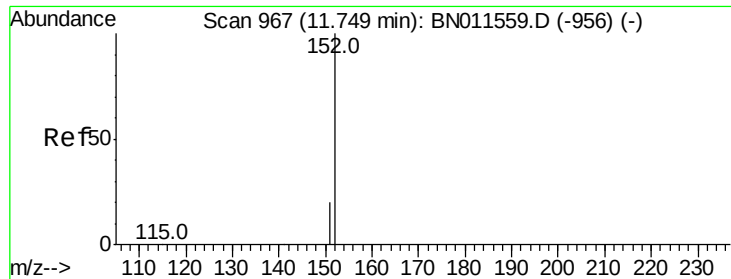


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

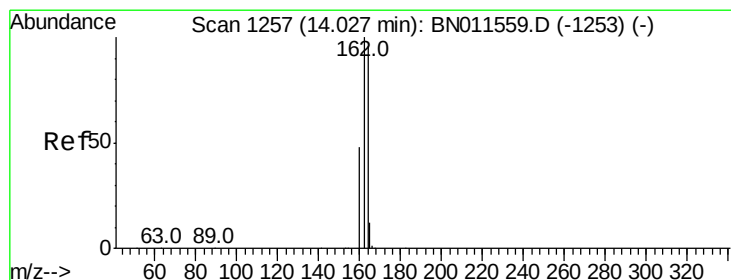
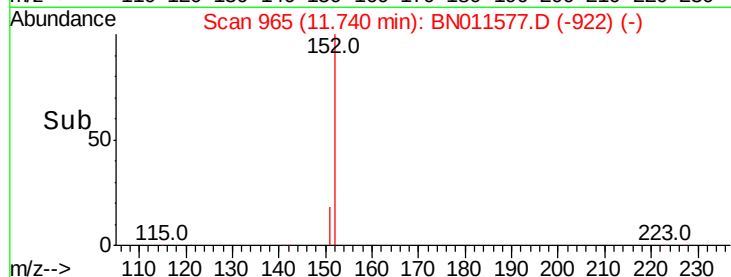
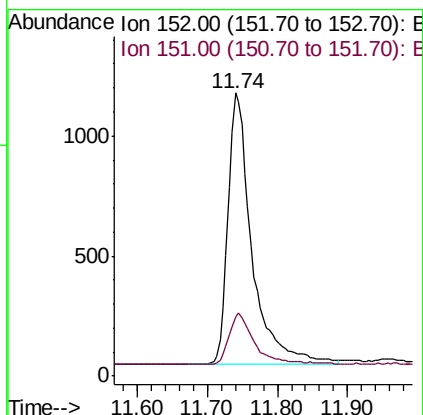
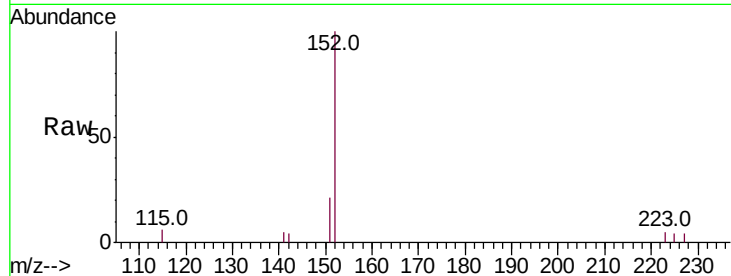




#11
2-Methylnaphthalene-d10
Concen: 0.296 ng
RT: 11.74 min Scan# 965
Delta R.T. -0.01 min
Lab File: BN011577.D
Acq: 22 Aug 2020 08:29

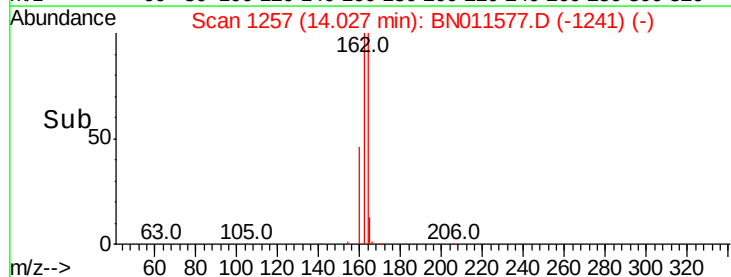
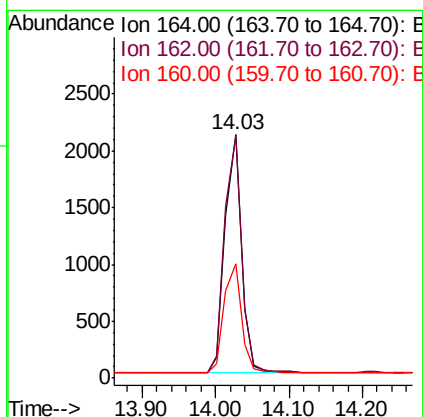
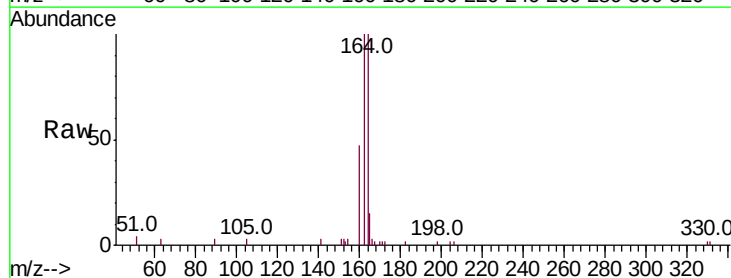
Instrument :
BNA_N
ClientSampleId :
BP-VPB181-GW-278-280

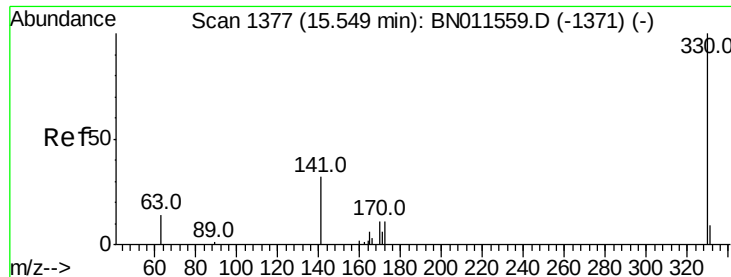
Tot Ion:152 Resp: 2701
Ion Ratio Lower Upper
152 100
151 20.1 16.6 24.8



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.03 min Scan# 1257
Delta R.T. 0.00 min
Lab File: BN011577.D
Acq: 22 Aug 2020 08:29

Tgt Ion:164 Resp: 3279
Ion Ratio Lower Upper
164 100
162 99.6 83.7 125.5
160 47.1 41.1 61.7





#14

2,4,6-Tribromophenol

Concen: 0.358 ng

RT: 15.55 min Scan# 1377

Delta R.T. 0.00 min

Lab File: BN011577.D

Acq: 22 Aug 2020 08:29

Instrument :

BNA_N

ClientSampleId :

BP-VPB181-GW-278-280

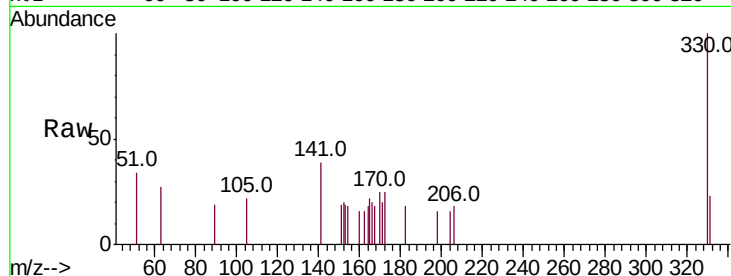
Tot Ion:330 Resp: 585

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

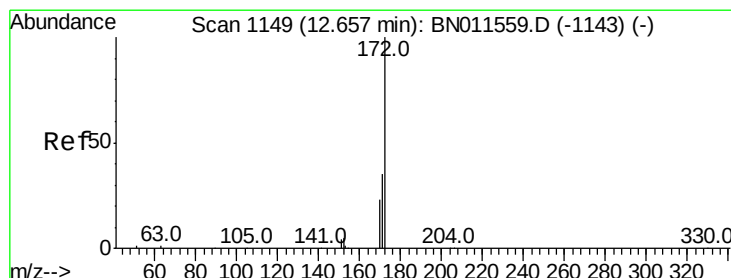
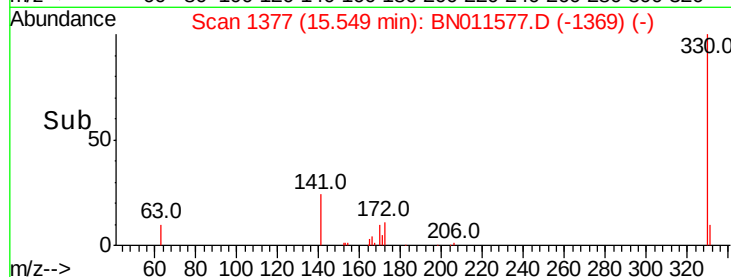
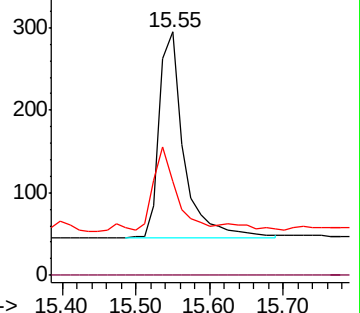
141 38.1 34.6 52.0



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: 0.498 ng

RT: 12.64 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BN011577.D

Acq: 22 Aug 2020 08:29

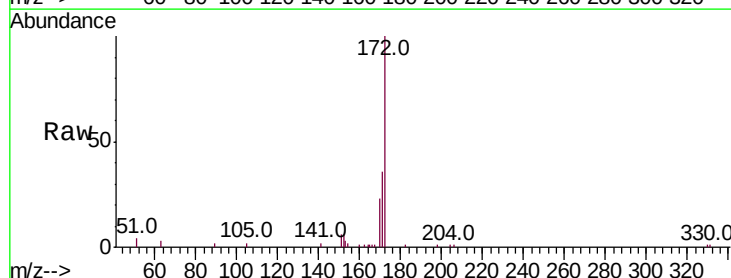
Tgt Ion:172 Resp: 6716

Ion Ratio Lower Upper

172 100

171 35.8 29.4 44.0

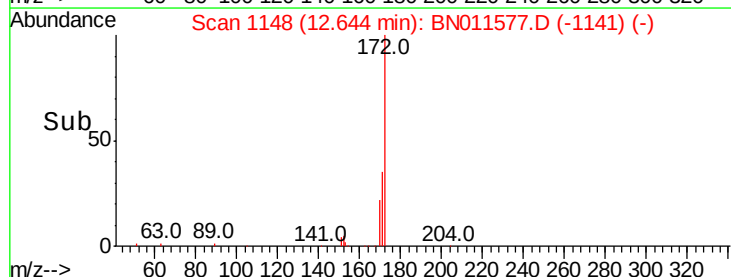
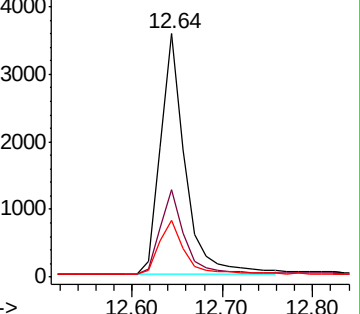
170 23.1 20.1 30.1

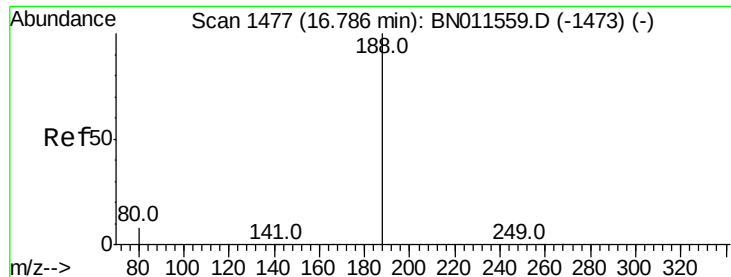


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.79 min Scan# 1477

Delta R.T. 0.00 min

Lab File: BN011577.D

Acq: 22 Aug 2020 08:29

Instrument :

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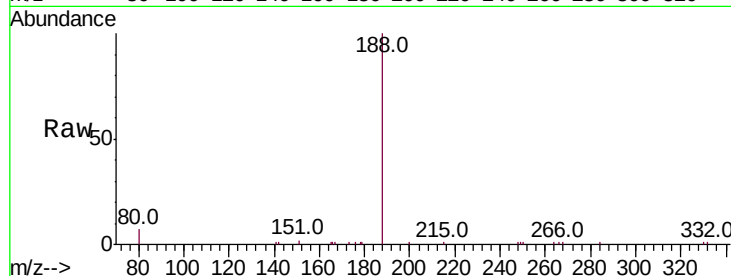
Tot Ion:188 Resp: 7516

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

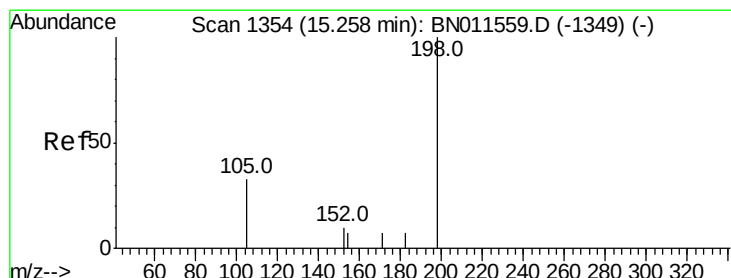
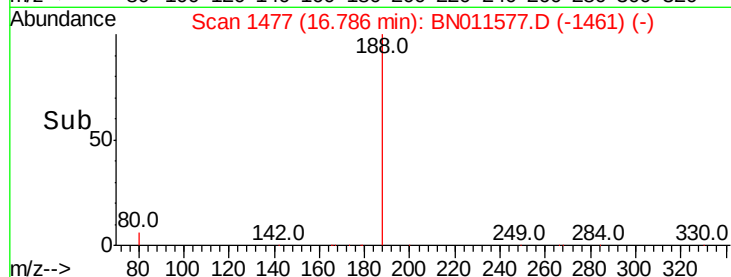
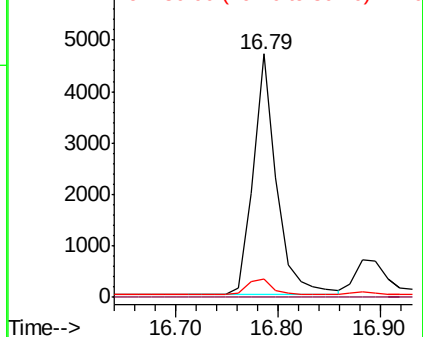
80 7.3 7.6 11.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNO

Ion 80.00 (79.70 to 80.70): BNO



#20

4,6-Dinitro-2-methylphenol

Concen: 0.176 ng

RT: 15.23 min Scan# 1352

Delta R.T. -0.02 min

Lab File: BN011577.D

Acq: 22 Aug 2020 08:29

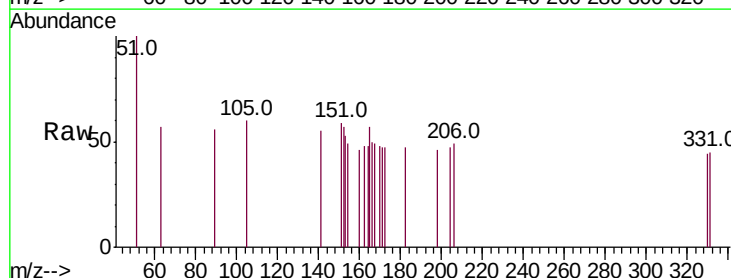
Tgt Ion:198 Resp: 2

Ion Ratio Lower Upper

198 100

51 217.4 89.4 134.2#

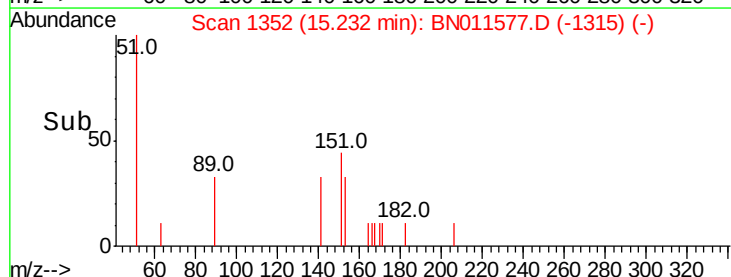
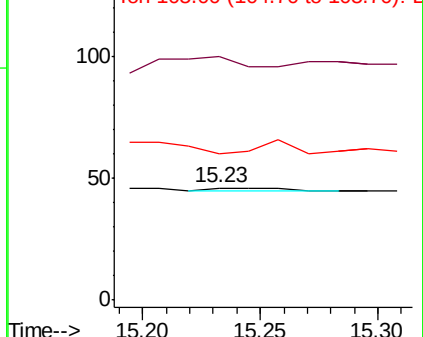
105 130.4 70.6 105.8#

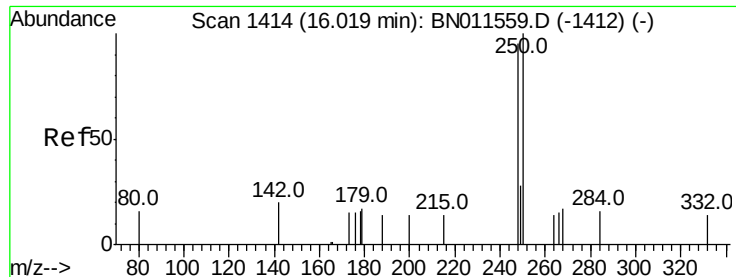


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNO

Ion 105.00 (104.70 to 105.70): E

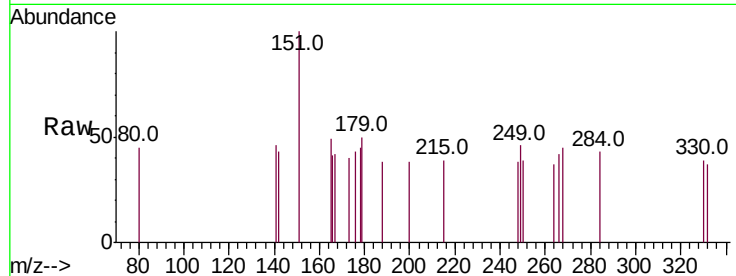




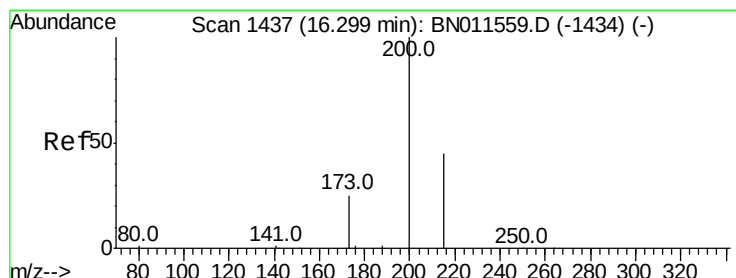
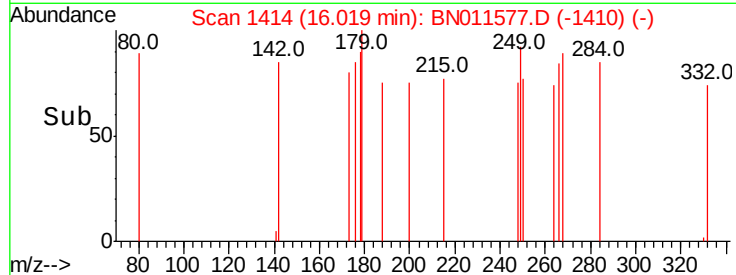
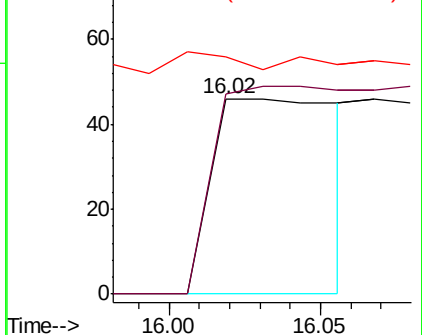
#21
4-Bromophenyl-phenylether
Concen: 0.082 ng
RT: 16.02 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BN011577.D
Acq: 22 Aug 2020 08:29

Instrument :
BNA_N
ClientSampleId :
BP-VPB181-GW-278-280

Tot Ion:248 Resp: 134
Ion Ratio Lower Upper
248 100
250 102.2 83.8 125.8
141 121.7 41.0 61.6#

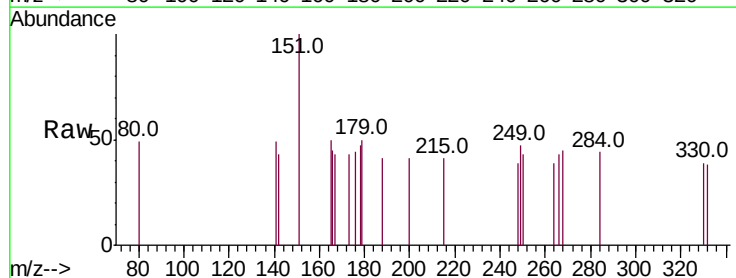


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

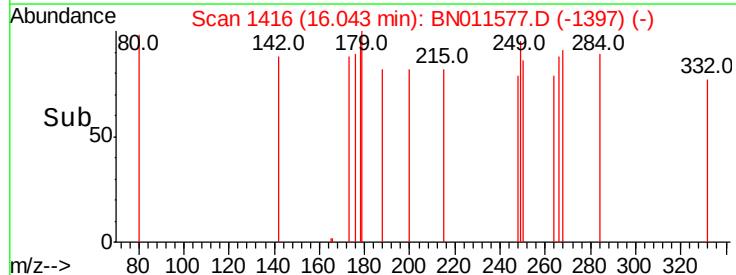
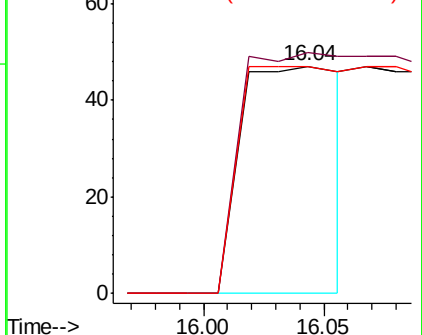


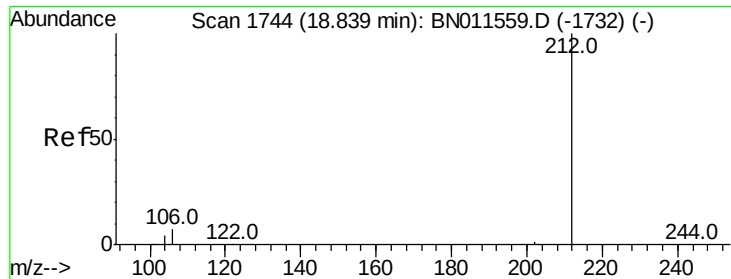
#23
Atrazine
Concen: 0.035 ng
RT: 16.04 min Scan# 1416
Delta R.T. -0.26 min
Lab File: BN011577.D
Acq: 22 Aug 2020 08:29

Tgt Ion:200 Resp: 137
Ion Ratio Lower Upper
200 100
173 106.4 27.7 41.5#
215 100.0 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

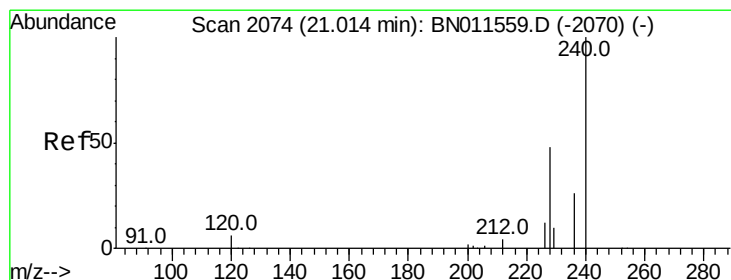
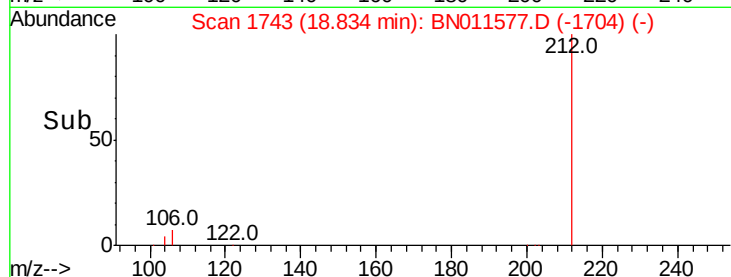
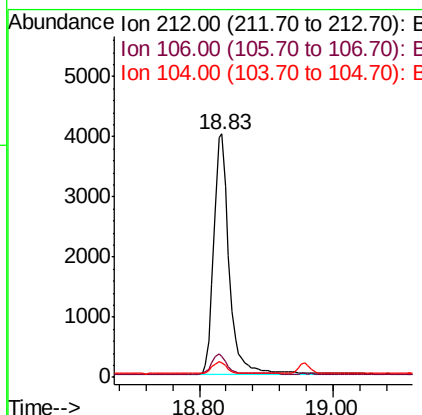
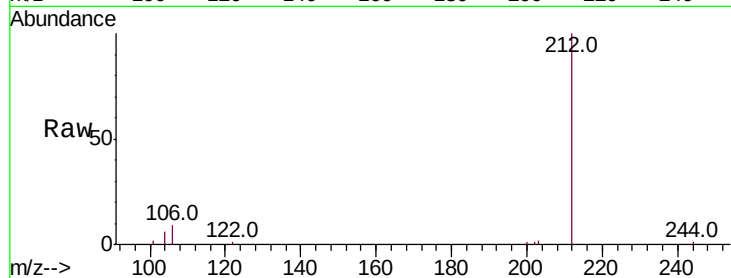




#27
 Fluoranthene-d10
 Concen: 0.256 ng
 RT: 18.83 min Scan# 1743
 Delta R.T. -0.00 min
 Lab File: BN011577.D
 Acq: 22 Aug 2020 08:29

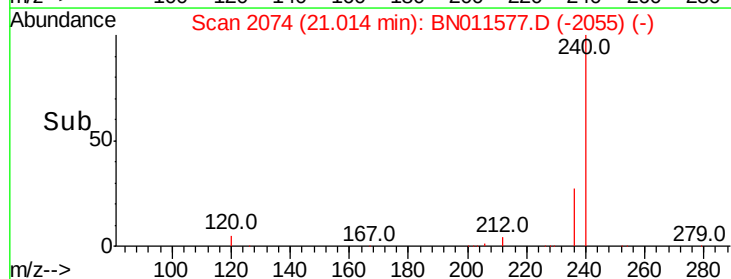
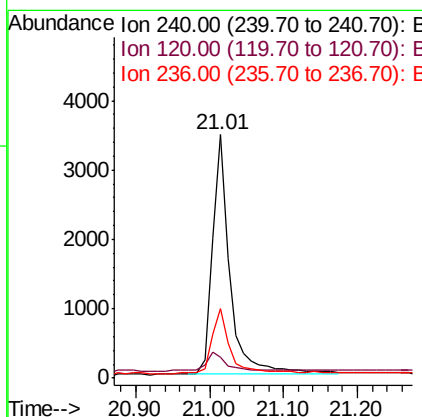
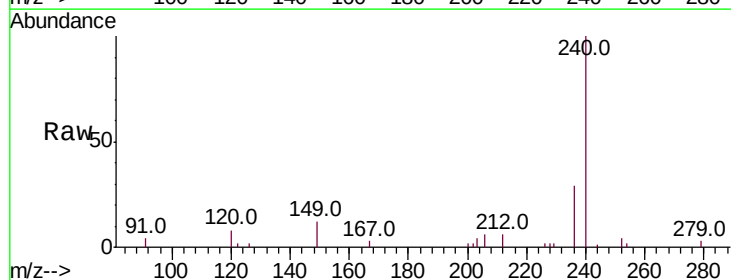
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB181-GW-278-280

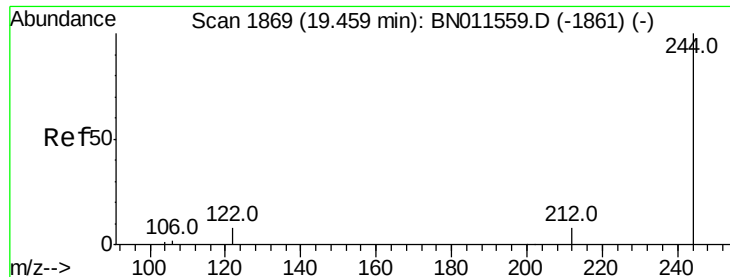
Tot Ion:212 Resp: 6478
 Ion Ratio Lower Upper
 212 100
 106 8.2 6.2 9.2
 104 4.8 3.8 5.6



#29
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.01 min Scan# 2074
 Delta R.T. 0.00 min
 Lab File: BN011577.D
 Acq: 22 Aug 2020 08:29

Tgt Ion:240 Resp: 5816
 Ion Ratio Lower Upper
 240 100
 120 8.4 7.4 11.0
 236 28.7 22.3 33.5





#31

Terphenyl-d14

Concen: 0.676 ng

RT: 19.45 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BN011577.D

Acq: 22 Aug 2020 08:29

Instrument :

BNA_N

ClientSampleId :

BP-VPB181-GW-278-280

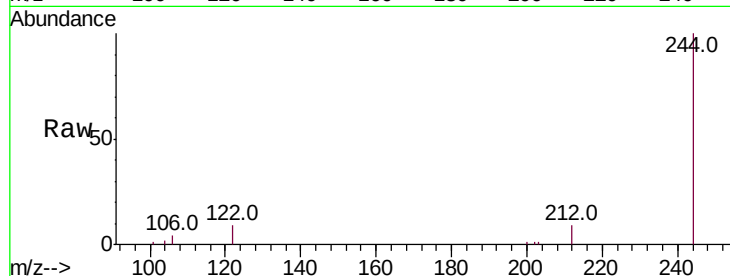
Tot Ion:244 Resp: 10259

Ion Ratio Lower Upper

244 100

212 8.9 8.2 12.4

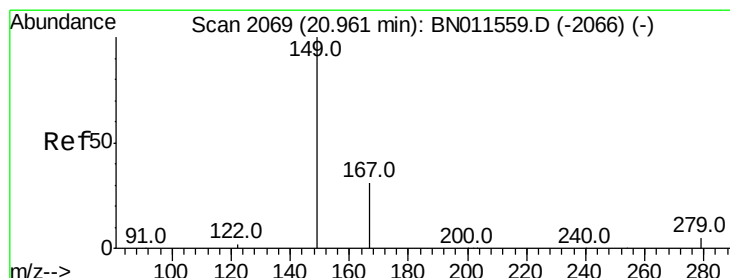
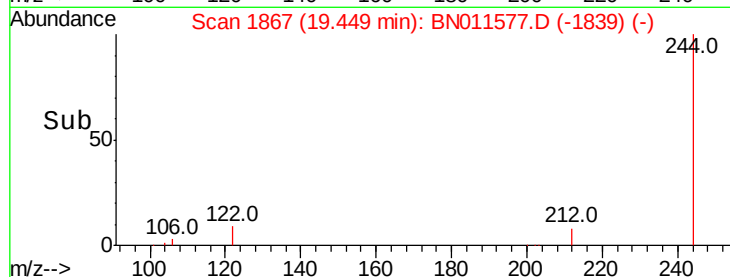
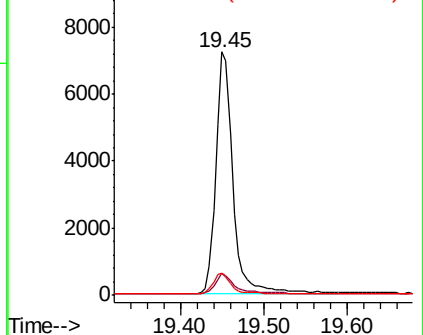
122 9.3 8.0 12.0



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: 1.701 ng

RT: 20.96 min Scan# 2069

Delta R.T. 0.00 min

Lab File: BN011577.D

Acq: 22 Aug 2020 08:29

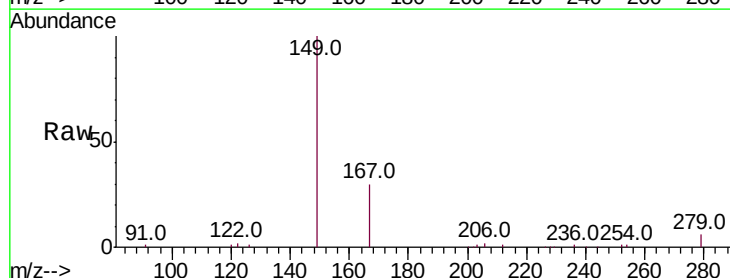
Tgt Ion:149 Resp: 14843

Ion Ratio Lower Upper

149 100

167 28.5 22.8 34.2

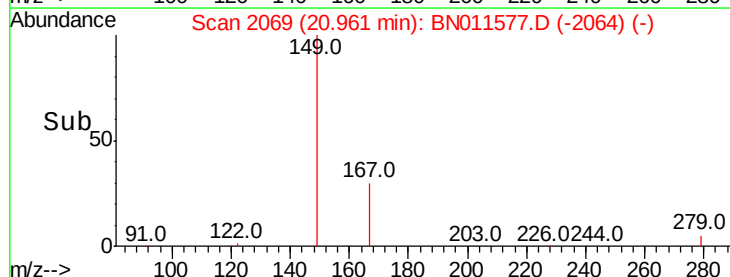
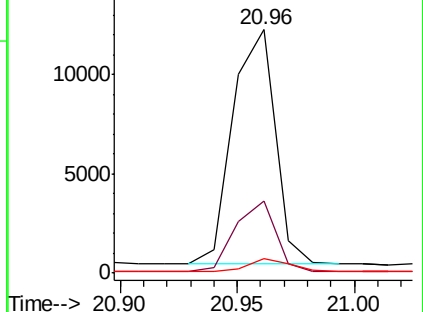
279 4.9 4.2 6.2

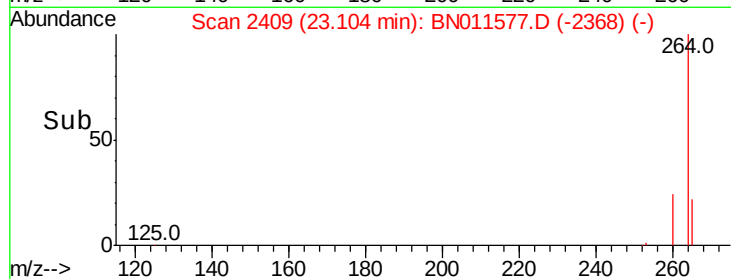
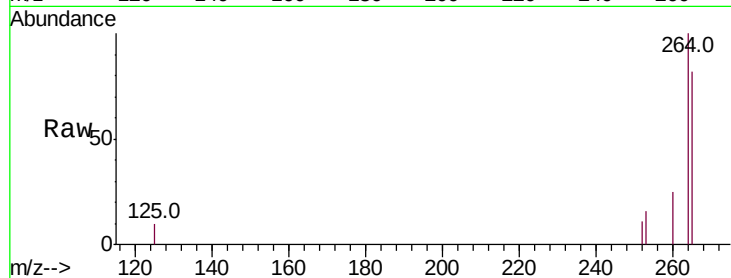
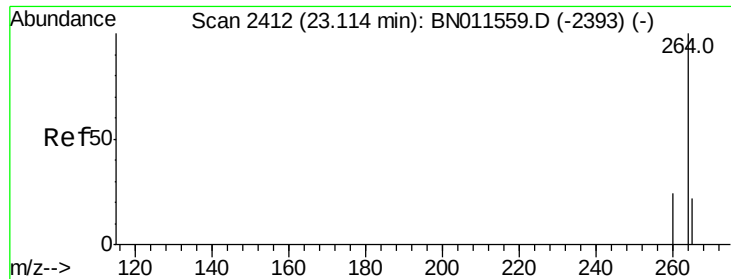


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.10 min Scan# 2409

Delta R.T. -0.01 min

Lab File: BN011577.D

Acq: 22 Aug 2020 08:29

Instrument :

BNA_N

ClientSampleId :

BP-VPB181-GW-278-280

Tot Ion:264 Resp: 5347

Ion Ratio Lower Upper

264 100

260 25.2 20.3 30.5

265 82.3 96.1 144.1#

