

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072720\
 Data File : BN011267.D
 Acq On : 27 Jul 2020 11:09
 Operator : CG/JU
 Sample : L3416-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-MW180D2-GW-20200722

Quant Time: Jul 27 11:45:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN071120.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 27 10:06:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	1994	0.40	ng	0.00
7) Naphthalene-d8	10.24	136	6271	0.40	ng	0.01
13) Acenaphthene-d10	14.10	164	3837	0.40	ng	0.00
19) Phenanthrene-d10	16.87	188	8230	0.40	ng	0.01
29) Chrysene-d12	21.09	240	7150	0.40	ng	0.01
36) Perylene-d12	23.22	264	6650	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.15	112	623	0.13	ng	0.00
5) Phenol-d6	6.69	99	473	0.09	ng	0.00
8) Nitrobenzene-d5	8.63	82	2158	0.39	ng	0.01
11) 2-Methylnaphthalene-d10	11.83	152	2920	0.29	ng	0.00
14) 2,4,6-Tribromophenol	15.63	330	576	0.34	ng	0.01
15) 2-Fluorobiphenyl	12.73	172	8083	0.45	ng	0.01
27) Fluoranthene-d10	18.91	212	8741	0.34	ng	0.00
31) Terphenyl-d14	19.52	244	9957	0.53	ng	0.00

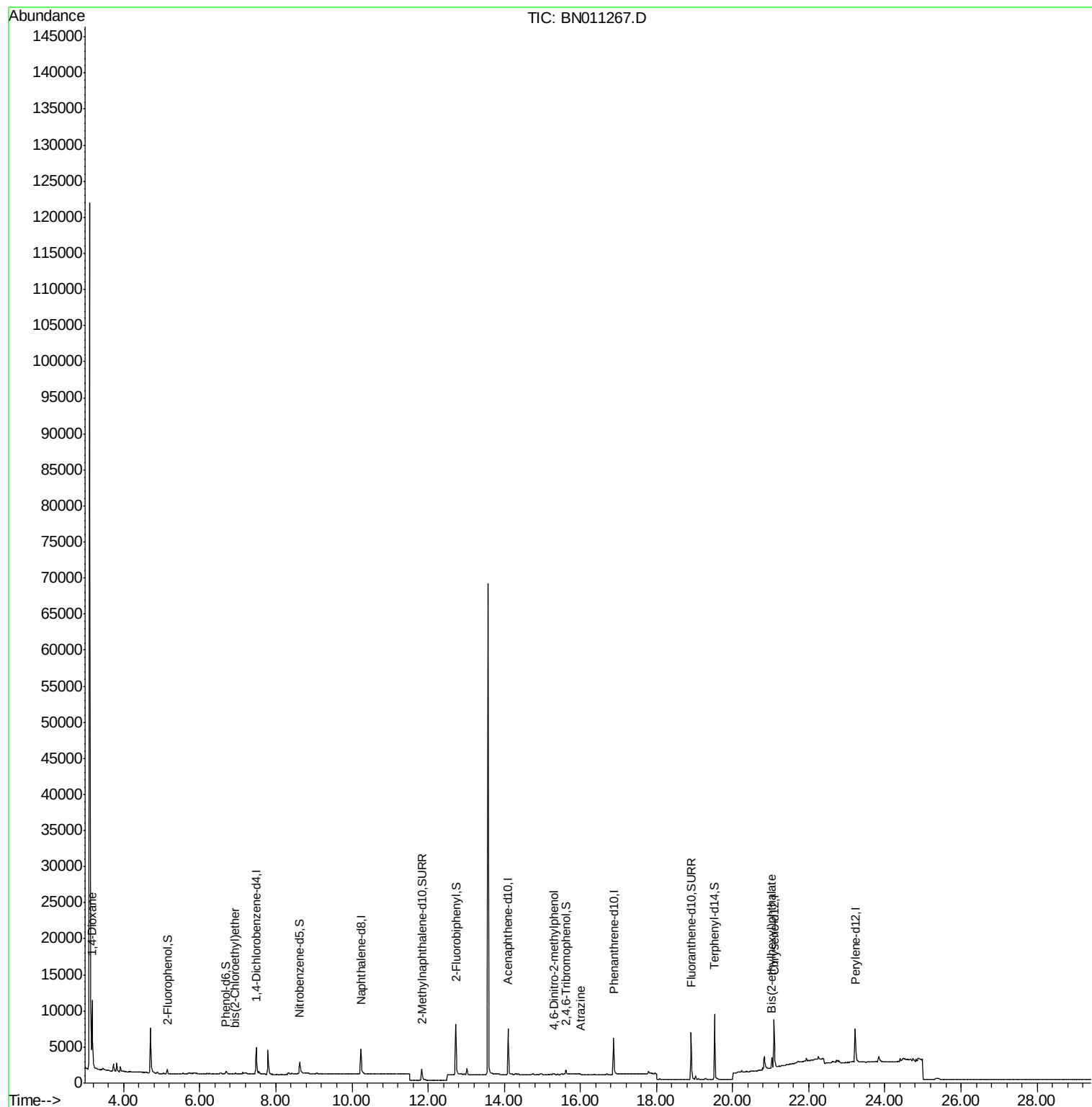
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.17	88	7336	2.573	ng	98
6) bis(2-Chloroethyl)ether	6.93	93	183	0.036	ng	94
20) 4,6-Dinitro-2-methylphenol	15.30	198	4	0.136	ng	# 1
23) Atrazine	16.02	200	102	0.026	ng	# 6
34) Bis(2-ethylhexyl)phthalate	21.02	149	1536	0.161	ng	94
35) Indeno(1,2,3-cd)pyrene	25.33	276	91	Below Cal		# 86

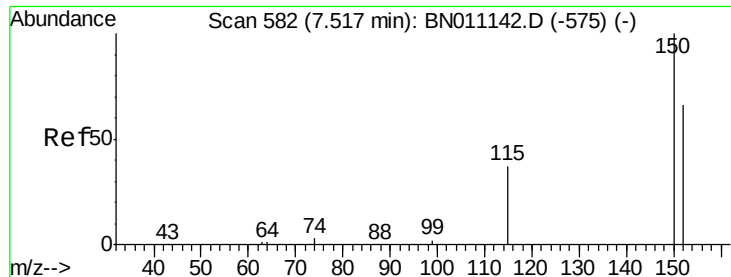
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 27 11:45:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN071120.M
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QLast Update : Mon Jul 27 10:06:24 2020
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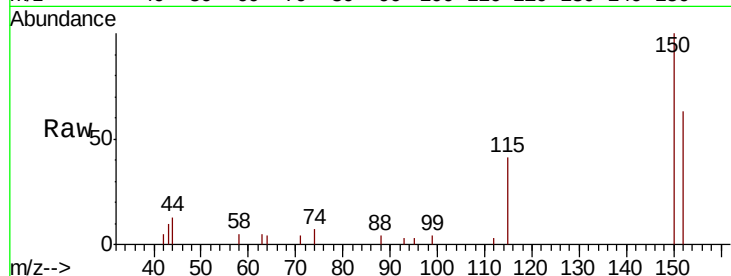


#1

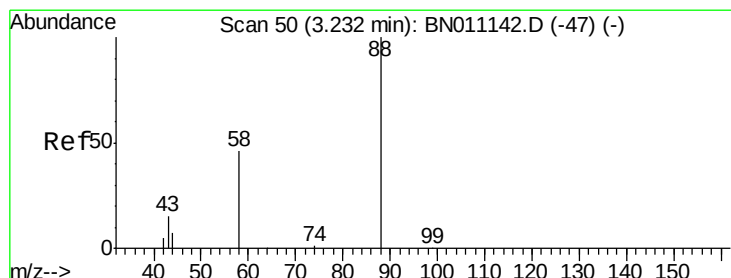
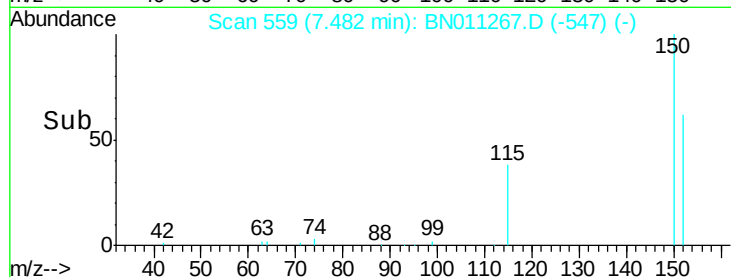
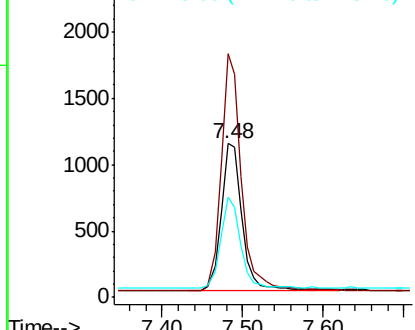
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.48 min Scan# 559
Delta R.T. -0.00 min
Lab File: BN011267.D
Acq: 27 Jul 2020 11:09

Instrument :
BNA_N
ClientSampleId :
BP-TT-MW180D2-GW-20200722

Tot Ion:152 Resp: 1994
Ion Ratio Lower Upper
152 100
150 158.5 119.4 179.0
115 65.3 48.3 72.5



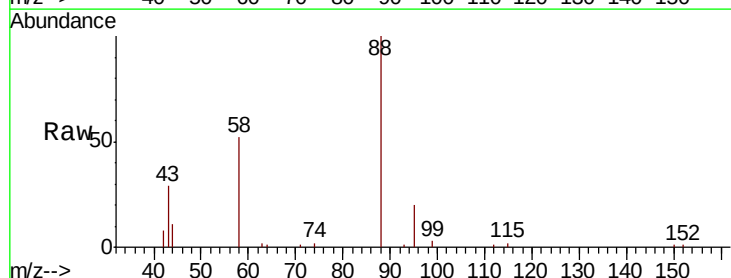
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



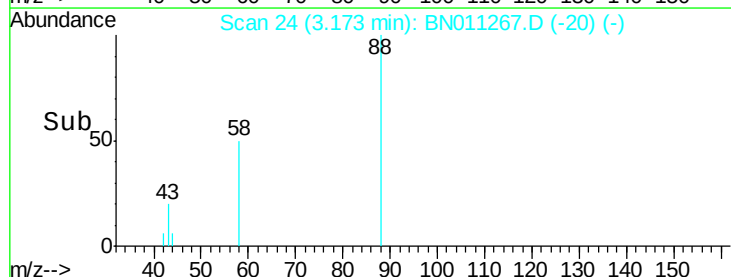
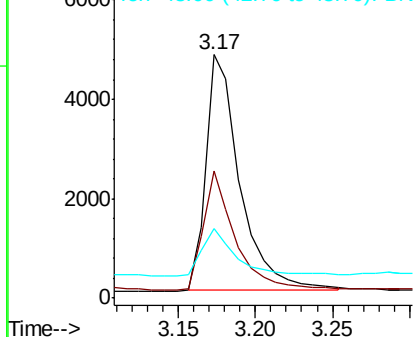
#2

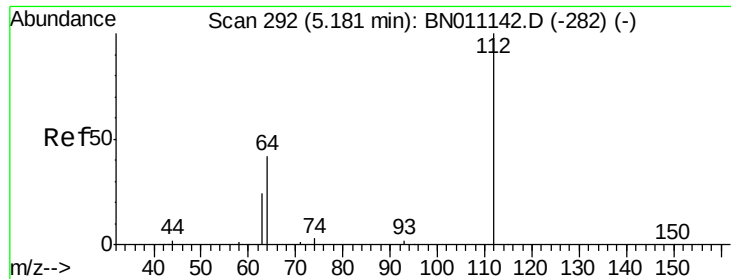
1,4-Dioxane
Concen: 2.573 ng
RT: 3.17 min Scan# 24
Delta R.T. -0.02 min
Lab File: BN011267.D
Acq: 27 Jul 2020 11:09

Tgt Ion: 88 Resp: 7336
Ion Ratio Lower Upper
88 100
58 44.3 36.5 54.7
43 18.5 14.3 21.5



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: 0.127 ng

RT: 5.15 min Scan# 269

Delta R.T. 0.01 min

Lab File: BN011267.D

Acq: 27 Jul 2020 11:09

Instrument :

BNA_N

ClientSampleId :

BP-TT-MW180D2-GW-20200722

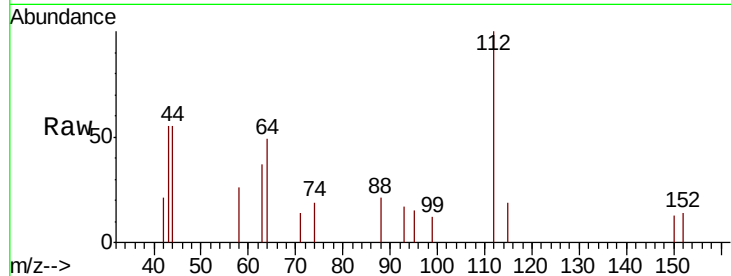
Tot Ion: 112 Resp: 623

Ion Ratio Lower Upper

112 100

64 44.1 36.7 55.1

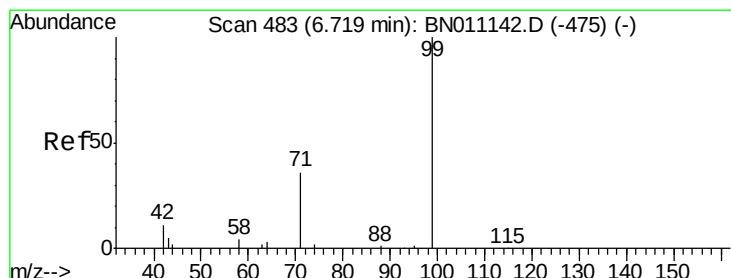
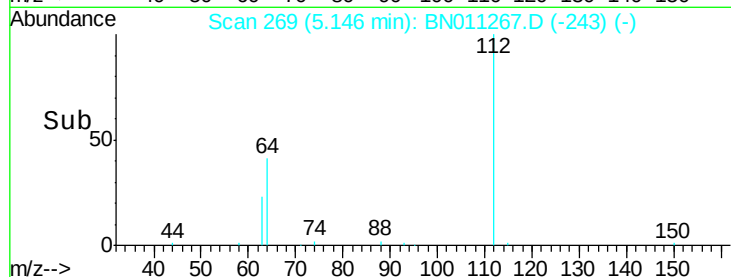
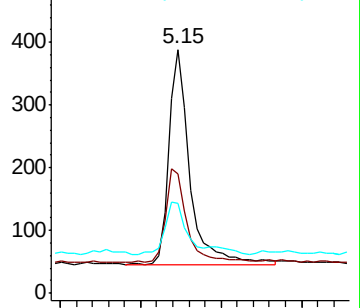
63 24.7 20.4 30.6



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: 0.085 ng

RT: 6.69 min Scan# 461

Delta R.T. 0.01 min

Lab File: BN011267.D

Acq: 27 Jul 2020 11:09

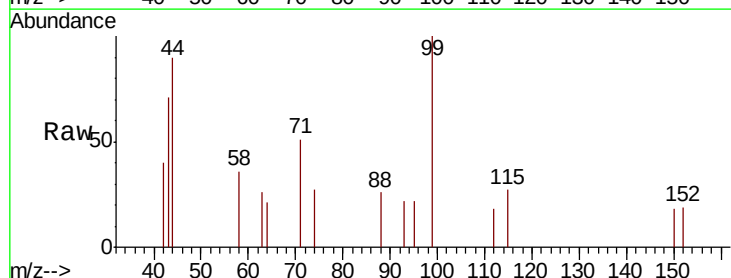
Tgt Ion: 99 Resp: 473

Ion Ratio Lower Upper

99 100

42 12.9 10.8 16.2

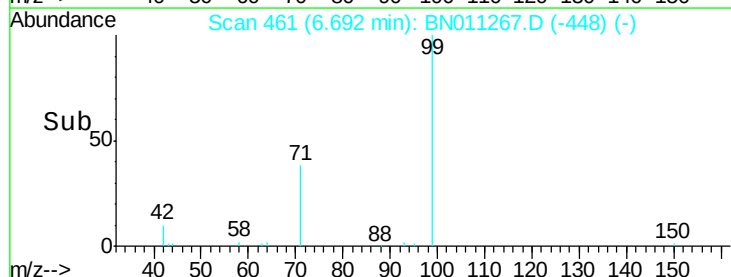
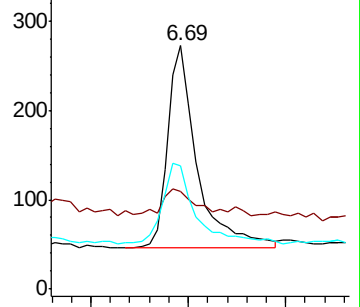
71 44.8 31.3 46.9

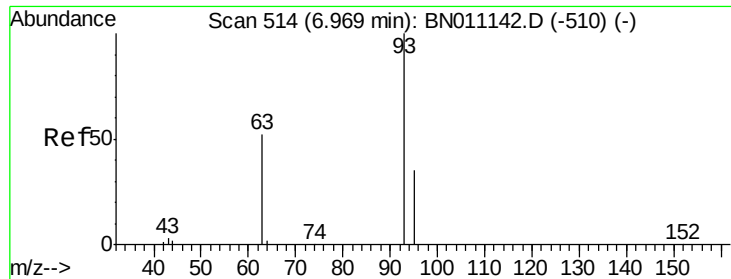


Abundance Ion 99.00 (98.70 to 99.70): BNO

Ion 42.00 (41.70 to 42.70): BNO

Ion 71.00 (70.70 to 71.70): BNO





#6

bis(2-Chloroethyl)ether

Concen: 0.036 ng

RT: 6.93 min Scan# 491

Delta R.T. -0.00 min

Lab File: BN011267.D

Acq: 27 Jul 2020 11:09

Instrument :

BNA_N

ClientSampleId :

BP-TT-MW180D2-GW-20200722

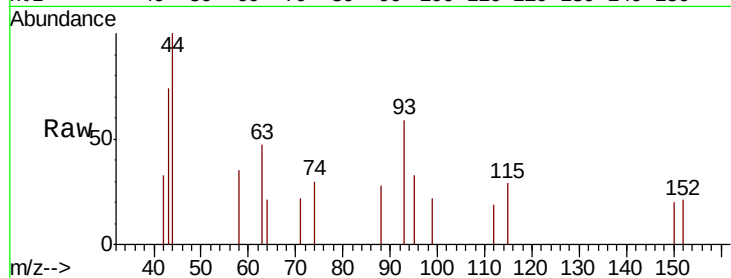
Tot Ion: 93 Resp: 183

Ion Ratio Lower Upper

93 100

63 61.7 47.4 71.0

95 29.0 28.1 42.1

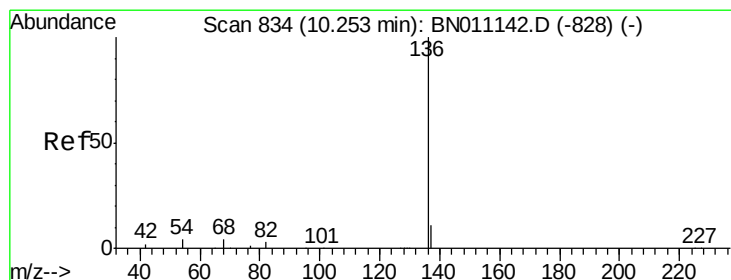
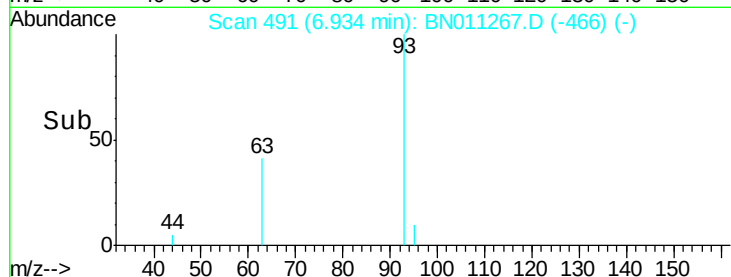
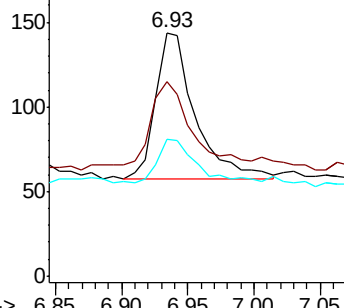


Abundance

Ion 93.00 (92.70 to 93.70): BN0

Ion 63.00 (62.70 to 63.70): BN0

Ion 95.00 (94.70 to 95.70): BN0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.24 min Scan# 814

Delta R.T. 0.01 min

Lab File: BN011267.D

Acq: 27 Jul 2020 11:09

Tgt Ion: 136 Resp: 6271

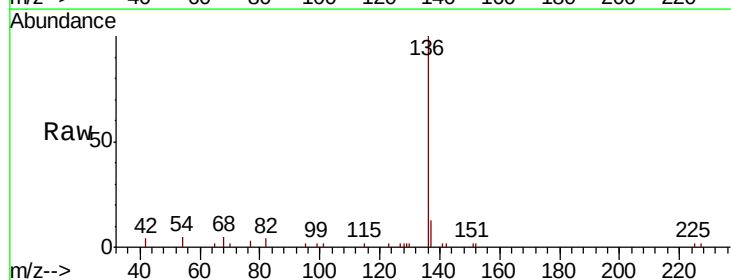
Ion Ratio Lower Upper

136 100

137 12.5 10.3 15.5

54 4.6 4.9 7.3#

68 4.7 4.9 7.3#



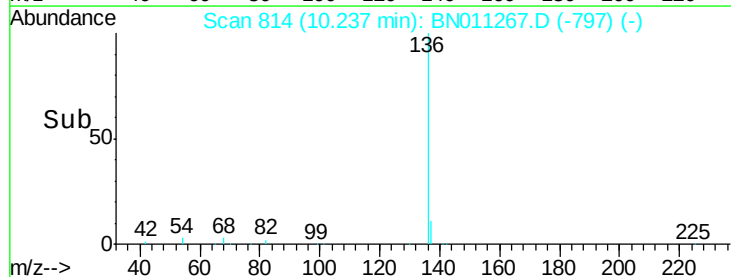
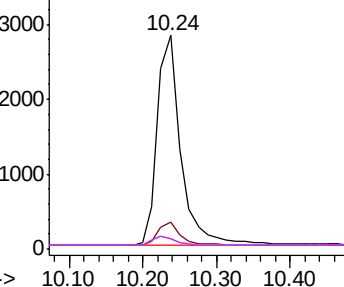
Abundance

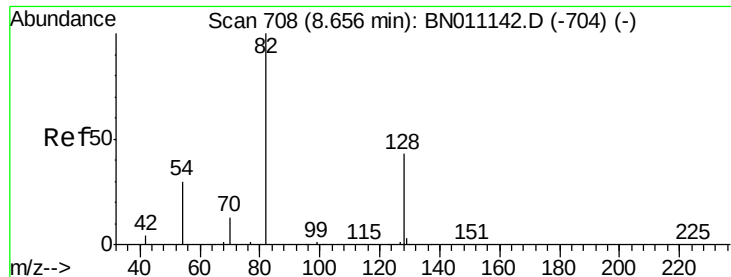
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BN0

Ion 68.00 (67.70 to 68.70): BN0





#8

Nitrobenzene-d5

Concen: 0.388 ng

RT: 8.63 min Scan# 687

Delta R.T. 0.01 min

Lab File: BN011267.D

Acq: 27 Jul 2020 11:09

Instrument :

BNA_N

ClientSampleId :

BP-TT-MW180D2-GW-20200722

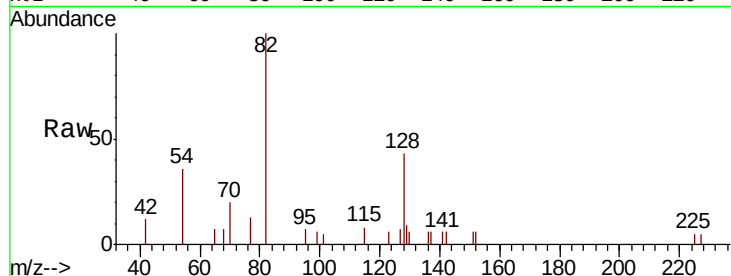
Tot Ion: 82 Resp: 2158

Ion Ratio Lower Upper

82 100

128 42.9 38.1 57.1

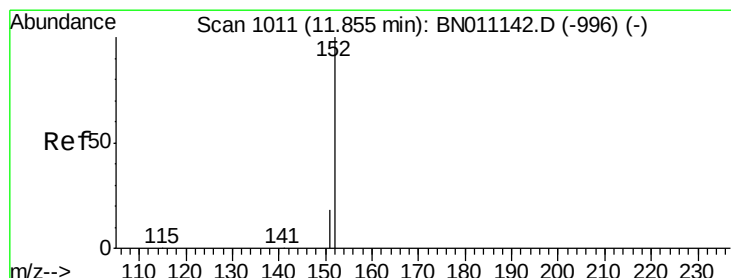
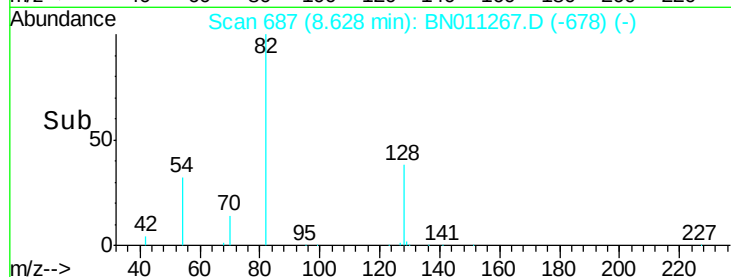
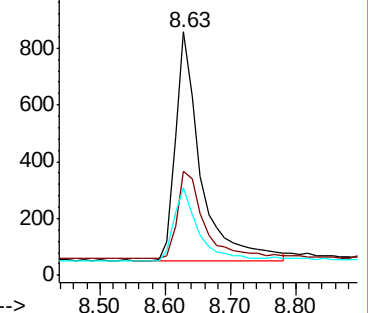
54 36.1 27.1 40.7



Abundance Ion 82.00 (81.70 to 82.70): BN011142.D (-704) (-)

Ion 128.00 (127.70 to 128.70): BN011142.D (-704) (-)

Ion 54.00 (53.70 to 54.70): BN011142.D (-704) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.287 ng

RT: 11.83 min Scan# 985

Delta R.T. 0.00 min

Lab File: BN011267.D

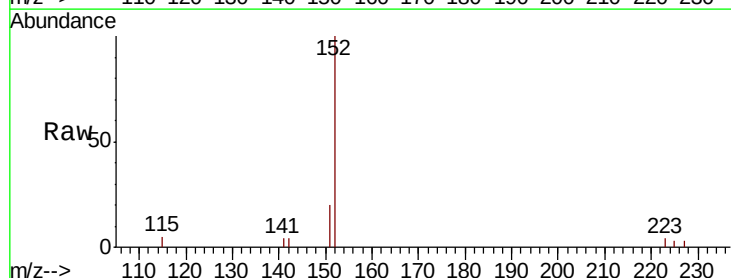
Acq: 27 Jul 2020 11:09

Tgt Ion: 152 Resp: 2920

Ion Ratio Lower Upper

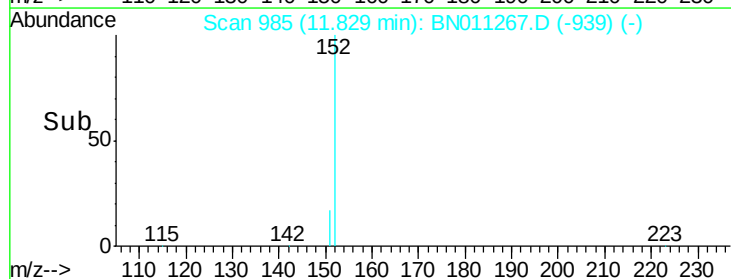
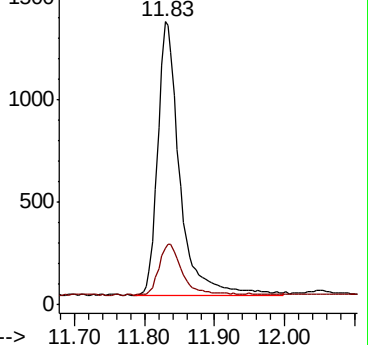
152 100

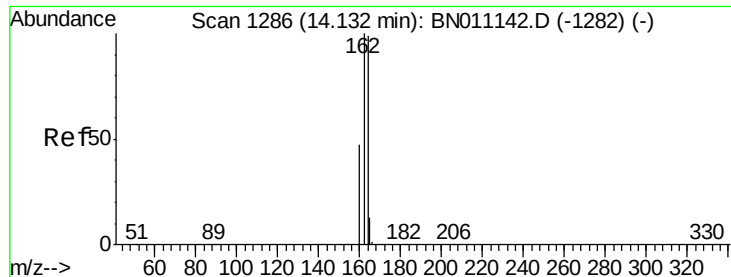
151 19.6 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): BN011142.D (-996) (-)

Ion 151.00 (150.70 to 151.70): BN011142.D (-996) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.10 min Scan# 1263

Delta R.T. -0.00 min

Lab File: BN011267.D

Acq: 27 Jul 2020 11:09

Instrument :

BNA_N

ClientSampleId :

BP-TT-MW180D2-GW-20200722

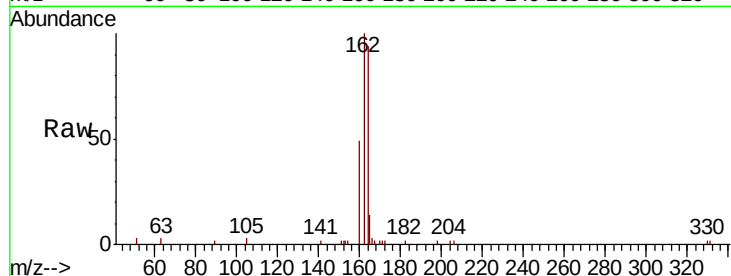
Tot Ion:164 Resp: 3837

Ion Ratio Lower Upper

164 100

162 105.9 81.0 121.4

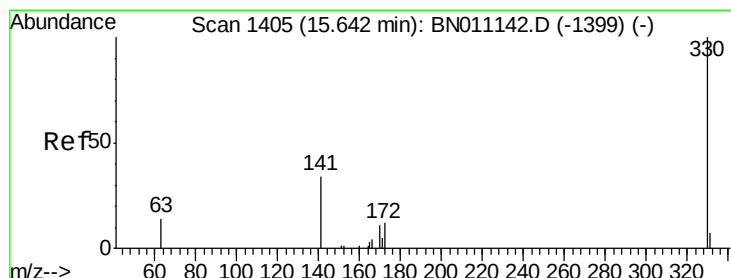
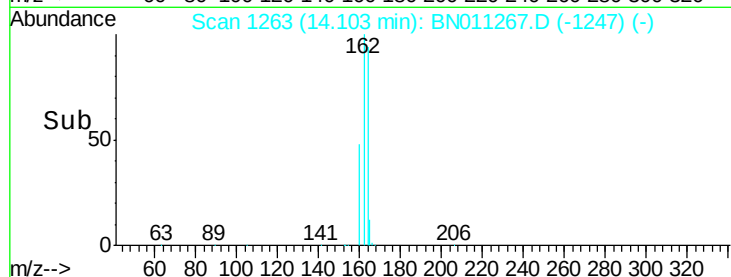
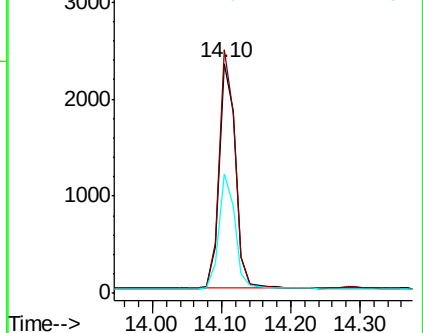
160 52.0 39.0 58.6



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: 0.338 ng

RT: 15.63 min Scan# 1383

Delta R.T. 0.01 min

Lab File: BN011267.D

Acq: 27 Jul 2020 11:09

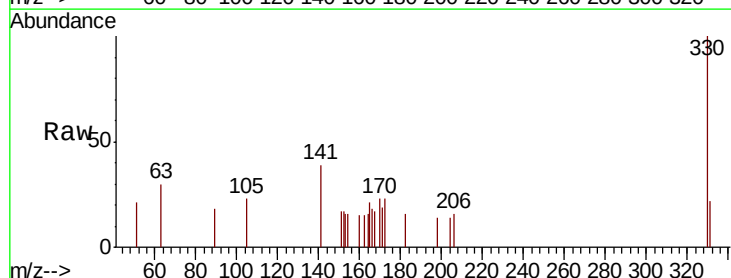
Tgt Ion:330 Resp: 576

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

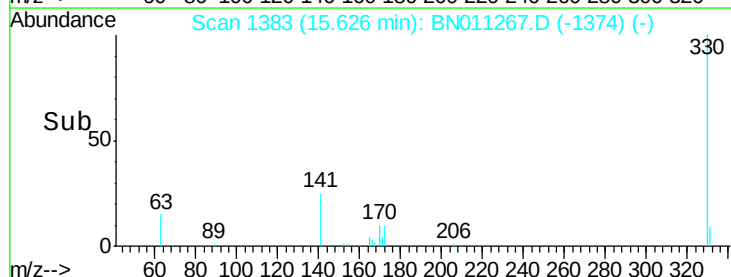
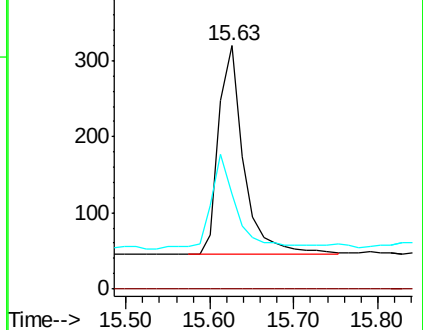
141 44.6 31.5 47.3

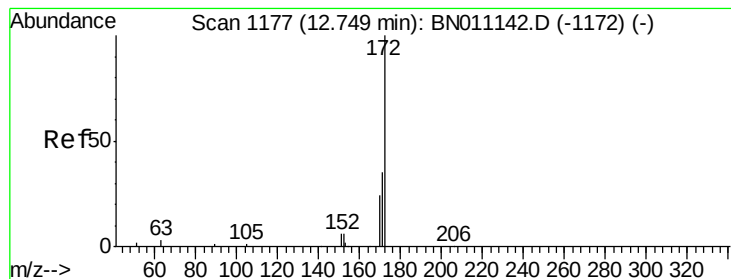


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.450 ng

RT: 12.73 min Scan# 1155

Delta R.T. 0.01 min

Lab File: BN011267.D

Acq: 27 Jul 2020 11:09

Instrument :

BNA_N

ClientSampleId :

BP-TT-MW180D2-GW-20200722

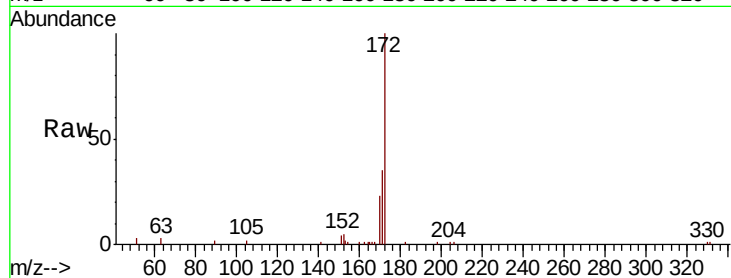
Tot Ion:172 Resp: 8083

Ion Ratio Lower Upper

172 100

171 35.2 29.0 43.6

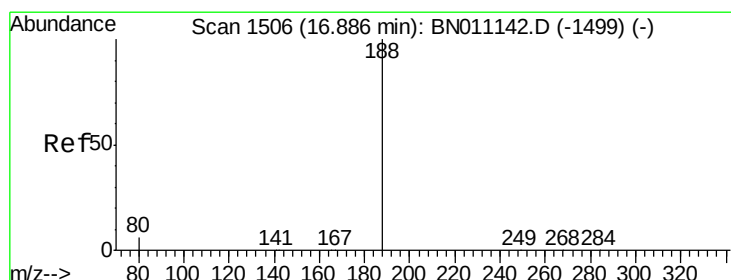
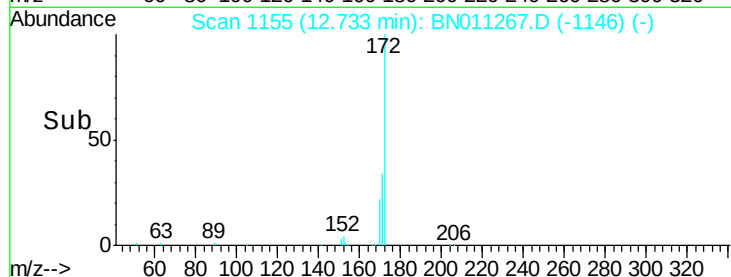
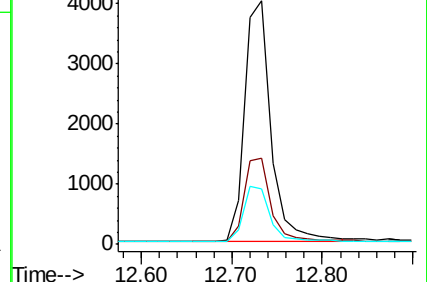
170 22.6 20.3 30.5



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: 16.87 min Scan# 1484

Delta R.T. 0.01 min

Lab File: BN011267.D

Acq: 27 Jul 2020 11:09

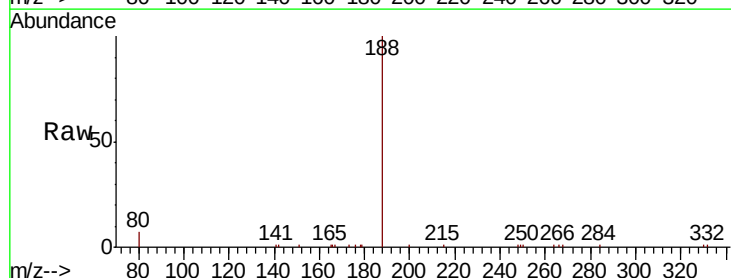
Tgt Ion:188 Resp: 8230

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

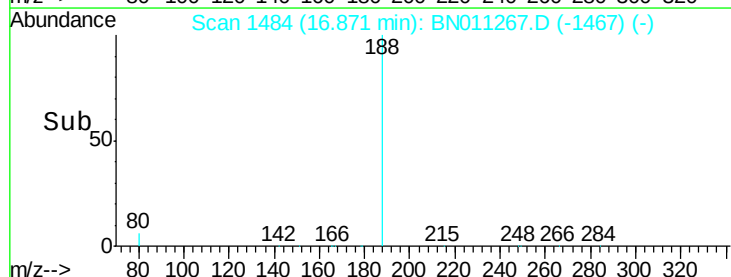
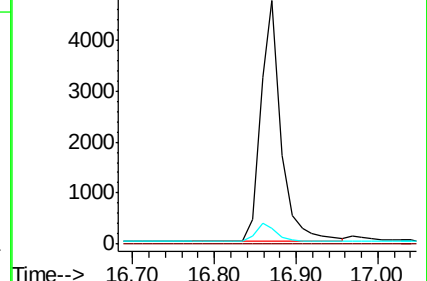
80 6.6 6.3 9.5

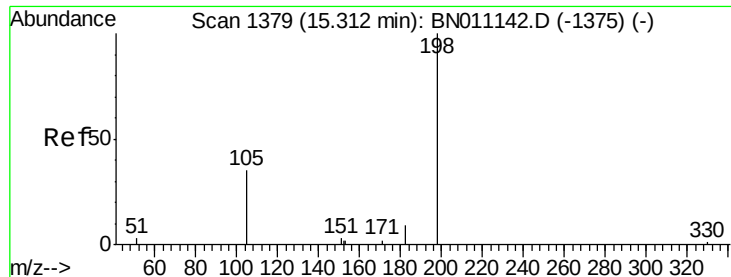


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

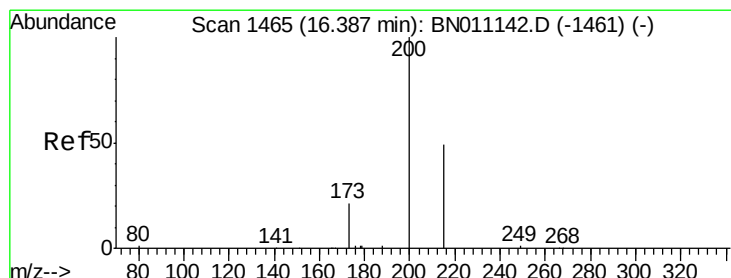
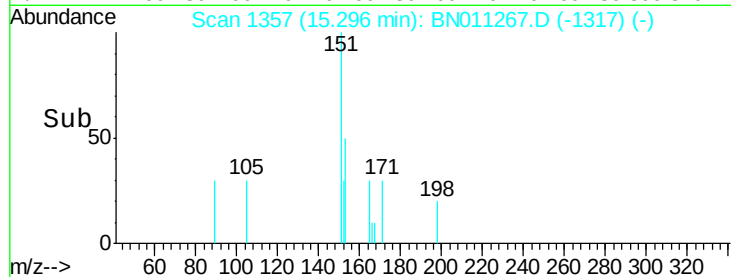
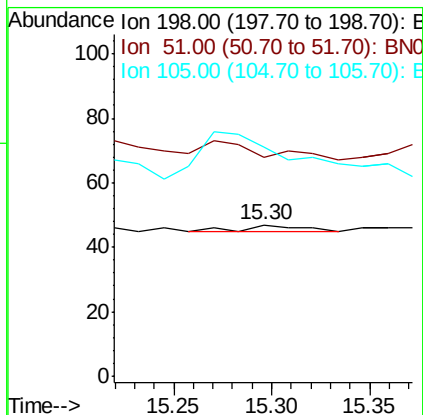
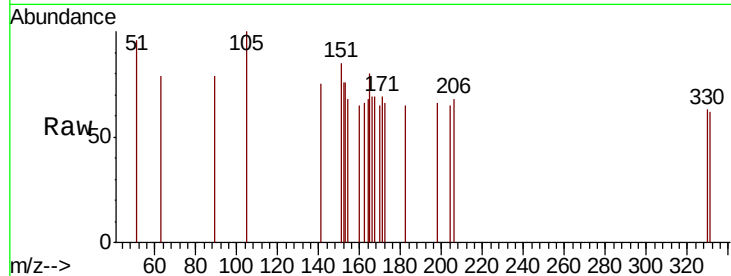




#20
4,6-Dinitro-2-methylphenol
Concen: 0.136 ng
RT: 15.30 min Scan# 1357
Delta R.T. 0.01 min
Lab File: BN011267.D
Acq: 27 Jul 2020 11:09

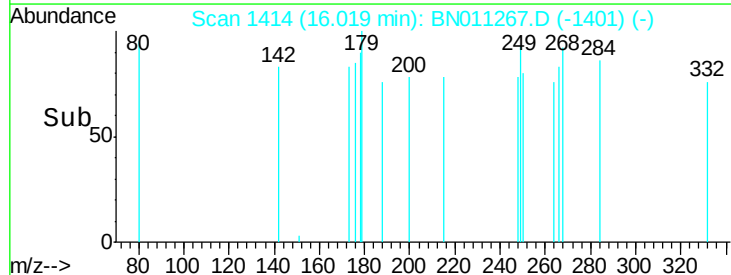
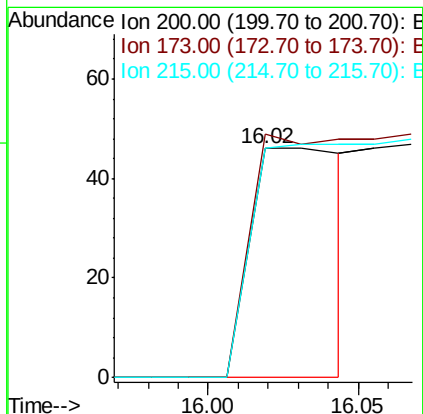
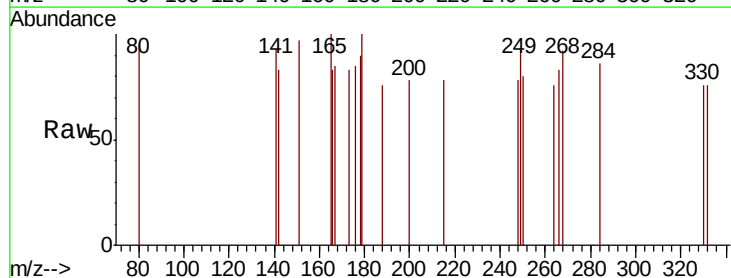
Instrument :
BNA_N
ClientSampleId :
BP-TT-MW180D2-GW-20200722

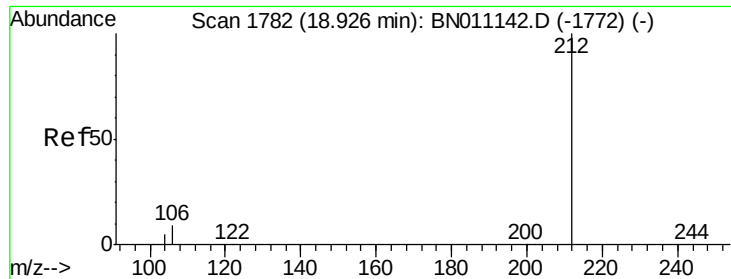
Tot Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
51 144.7 53.1 79.7#
105 151.1 51.9 77.9#



#23
Atrazine
Concen: 0.026 ng
RT: 16.02 min Scan# 1414
Delta R.T. -0.34 min
Lab File: BN011267.D
Acq: 27 Jul 2020 11:09

Tgt Ion:200 Resp: 102
Ion Ratio Lower Upper
200 100
173 106.5 23.0 34.4#
215 100.0 42.6 63.8#

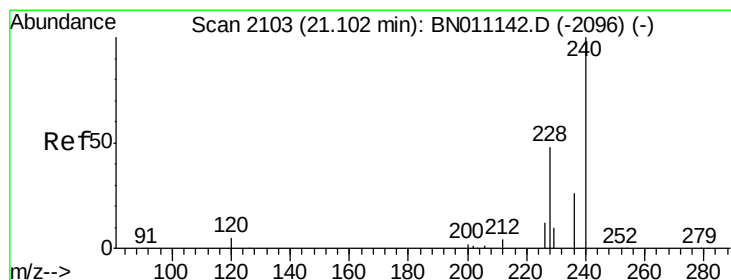
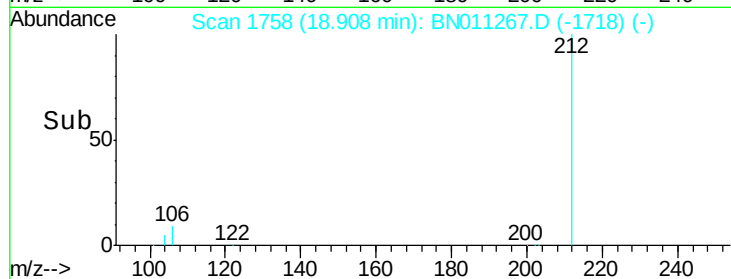
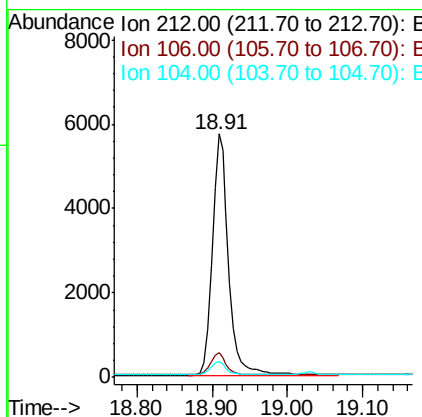
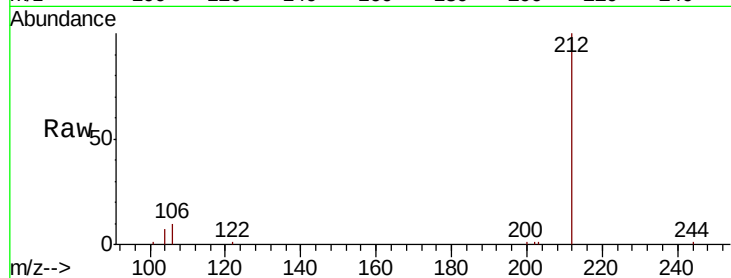




#27
 Fluoranthene-d10
 Concen: 0.337 ng
 RT: 18.91 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: BN011267.D
 Acq: 27 Jul 2020 11:09

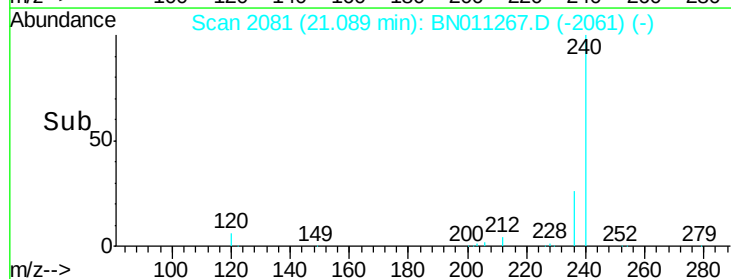
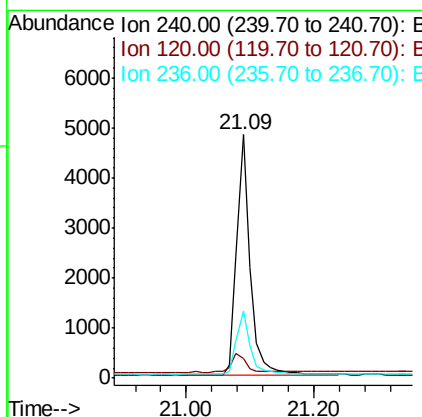
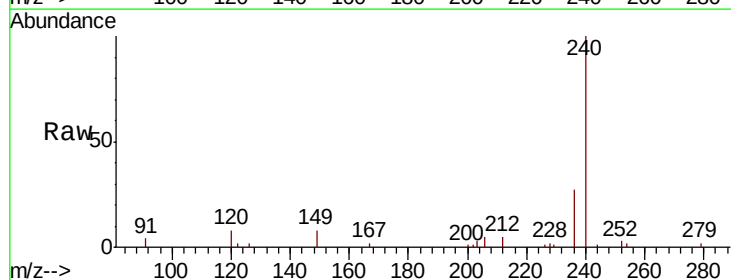
Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-MW180D2-GW-20200722

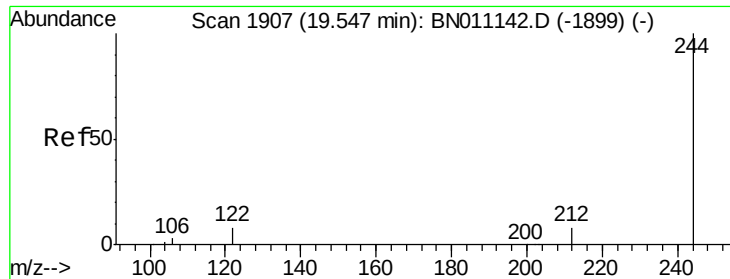
Tot Ion:212 Resp: 8741
 Ion Ratio Lower Upper
 212 100
 106 8.8 7.0 10.6
 104 5.1 4.2 6.4



#29
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.09 min Scan# 2081
 Delta R.T. 0.01 min
 Lab File: BN011267.D
 Acq: 27 Jul 2020 11:09

Tgt Ion:240 Resp: 7150
 Ion Ratio Lower Upper
 240 100
 120 8.0 6.5 9.7
 236 27.3 21.9 32.9





#31

Terphenyl-d14

Concen: 0.535 ng

RT: 19.52 min Scan# 1882

Delta R.T. -0.00 min

Lab File: BN011267.D

Acq: 27 Jul 2020 11:09

Instrument :

BNA_N

ClientSampleId :

BP-TT-MW180D2-GW-20200722

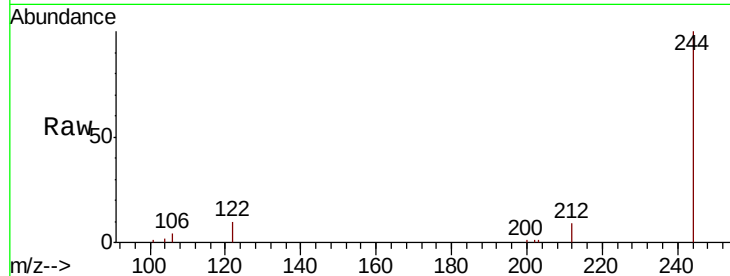
Tot Ion:244 Resp: 9957

Ion Ratio Lower Upper

244 100

212 9.0 7.8 11.6

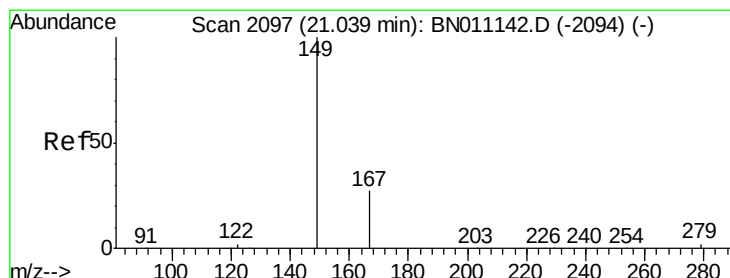
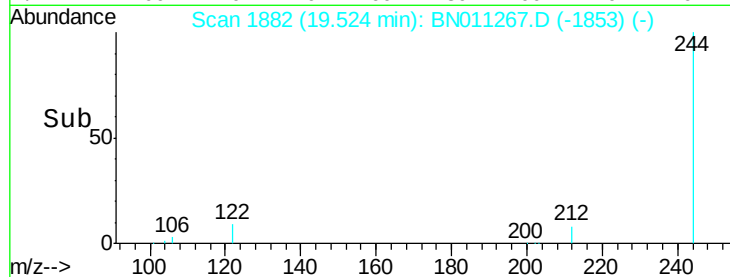
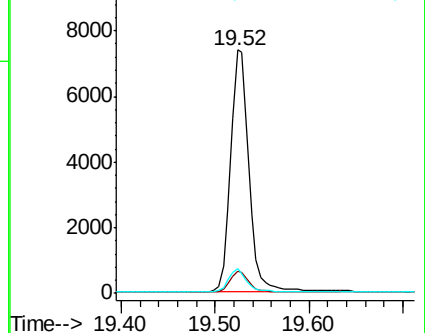
122 10.1 7.4 11.0



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



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.161 ng

RT: 21.02 min Scan# 2075

Delta R.T. -0.00 min

Lab File: BN011267.D

Acq: 27 Jul 2020 11:09

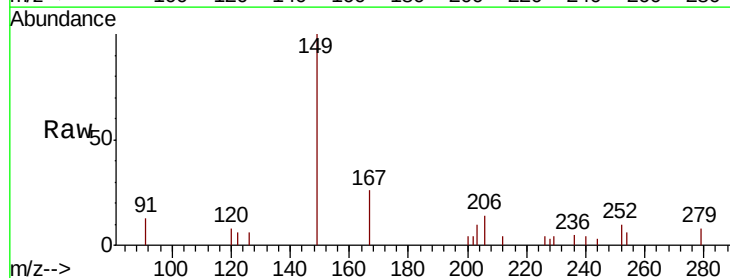
Tgt Ion:149 Resp: 1536

Ion Ratio Lower Upper

149 100

167 25.6 23.4 35.0

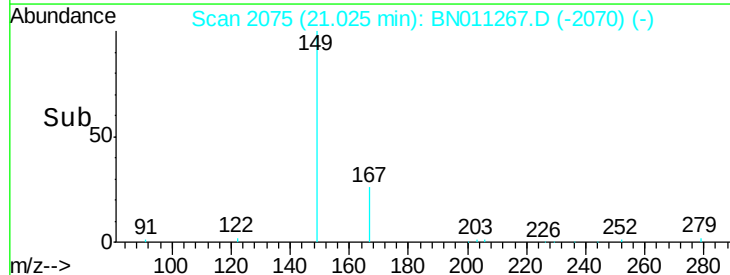
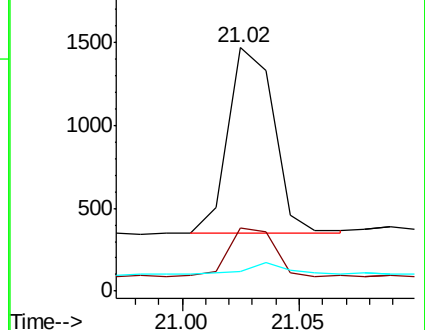
279 5.5 4.5 6.7

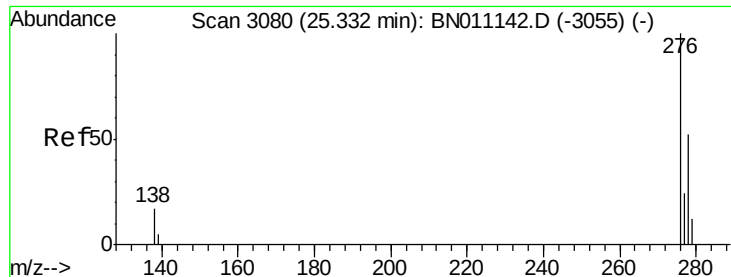


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

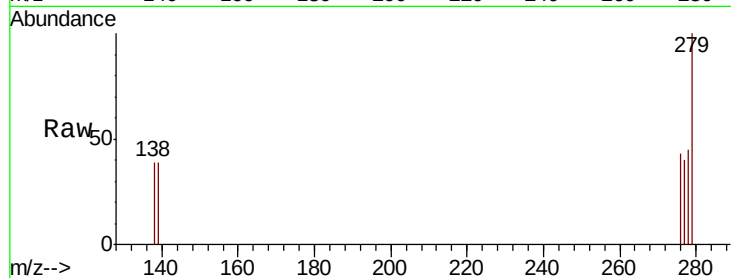




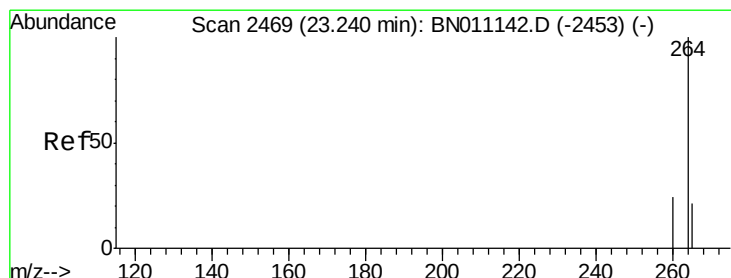
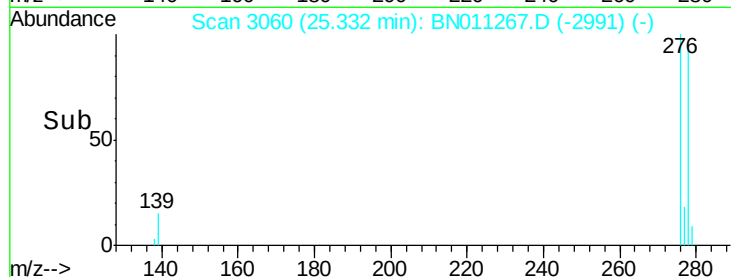
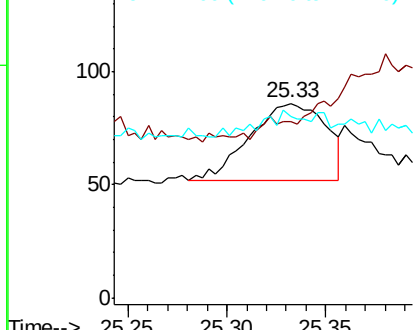
#35
 Indeno(1,2,3-cd)pyrene
 Concen: Below Cal
 RT: 25.33 min Scan# 3060
 Delta R.T. 0.04 min
 Lab File: BN011267.D
 Acq: 27 Jul 2020 11:09

Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-MW180D2-GW-20200722

Tot Ion:276 Resp: 91
 Ion Ratio Lower Upper
 276 100
 138 7.7 13.0 19.6#
 277 19.8 19.7 29.5

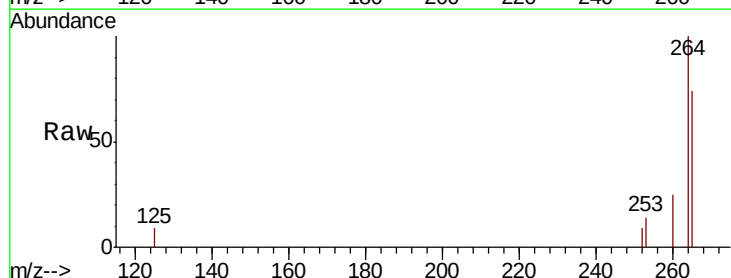


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E



#36
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.22 min Scan# 2443
 Delta R.T. 0.01 min
 Lab File: BN011267.D
 Acq: 27 Jul 2020 11:09

Tgt Ion:264 Resp: 6650
 Ion Ratio Lower Upper
 264 100
 260 25.4 20.1 30.1
 265 73.7 76.6 115.0#



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

