

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN042420\
 Data File : BN010591.D
 Acq On : 24 Apr 2020 16:37
 Operator : CG/JU
 Sample : L2330-20
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 WB-TWP-3

Quant Time: Apr 24 17:16:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 24 12:47:59 2020
 Response via : Initial Calibration

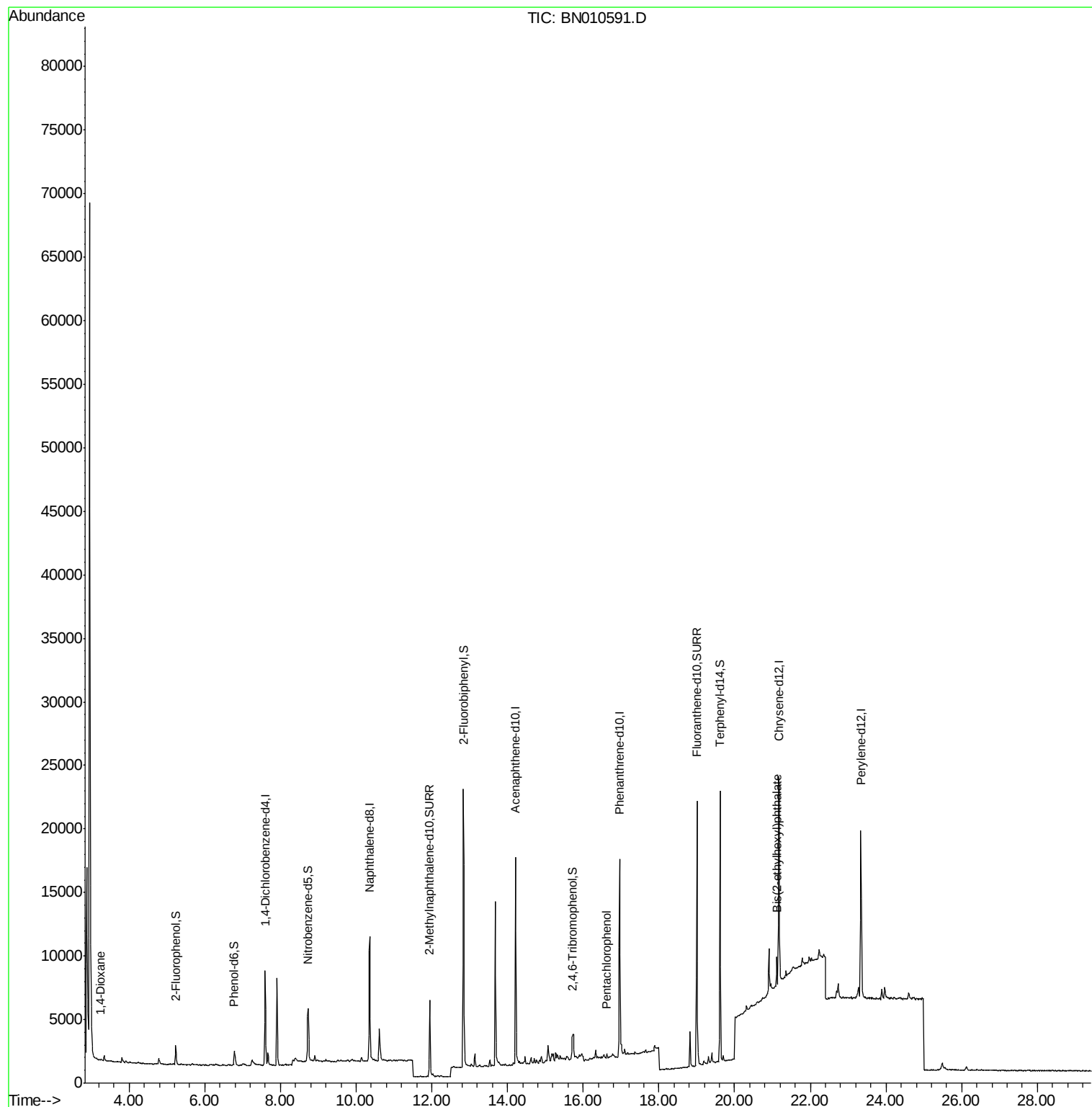
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	3835	0.40	ng	0.00
7) Naphthalene-d8	10.35	136	15390	0.40	ng	0.00
13) Acenaphthene-d10	14.21	164	9658	0.40	ng	0.00
19) Phenanthrene-d10	16.96	188	21273	0.40	ng	0.00
27) Chrysene-d12	21.17	240	18467	0.40	ng	0.00
34) Perylene-d12	23.34	264	17185	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	1587	0.19	ng	0.00
5) Phenol-d6	6.78	99	1221	0.11	ng	0.00
8) Nitrobenzene-d5	8.73	82	4296	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	11.94	152	8844	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.72	330	1690	0.37	ng	0.00
15) 2-Fluorobiphenyl	12.83	172	20551	0.58	ng	0.00
25) Fluoranthene-d10	19.00	212	24299	0.38	ng	0.00
29) Terphenyl-d14	19.61	244	22032	0.52	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.25	88	65	0.023	ng	# 39
22) Pentachlorophenol	16.62	266	132	0.025	ng	# 74
32) Bis(2-ethylhexyl)phthalate	21.11	149	1881	0.061	ng	# 99

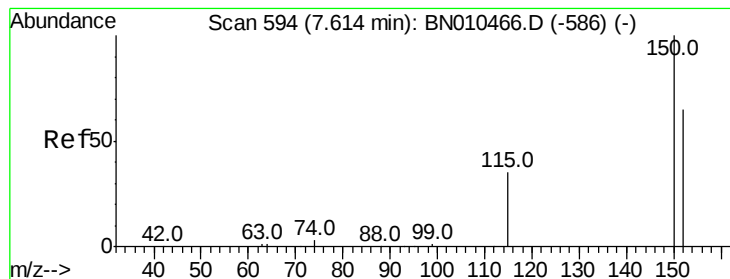
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.60 min Scan# 592

Delta R.T. 0.00 min

Lab File: BN010591.D

Acq: 24 Apr 2020 16:37

Instrument :

BNA_N

ClientSampleId :

WB-TWP-3

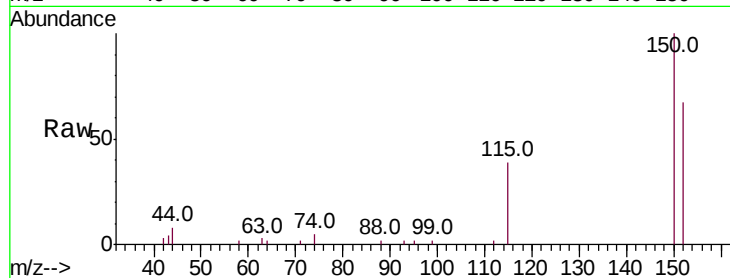
Tot Ion:152 Resp: 3835

Ion Ratio Lower Upper

152 100

150 150.3 121.8 182.6

115 58.2 45.5 68.3

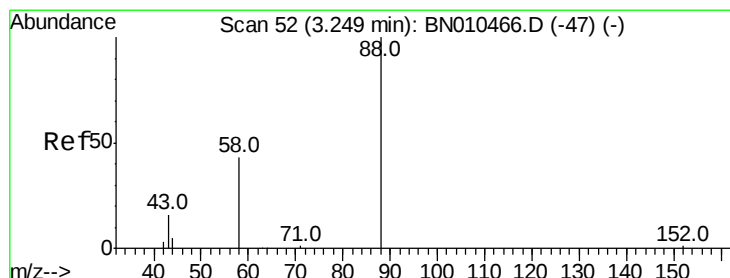
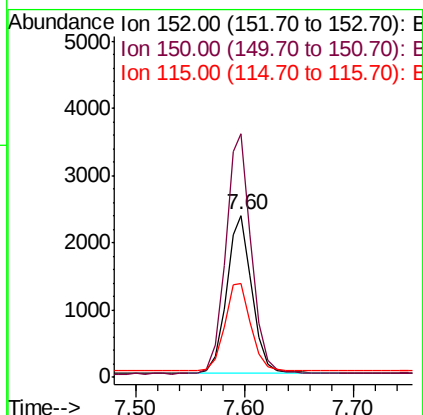
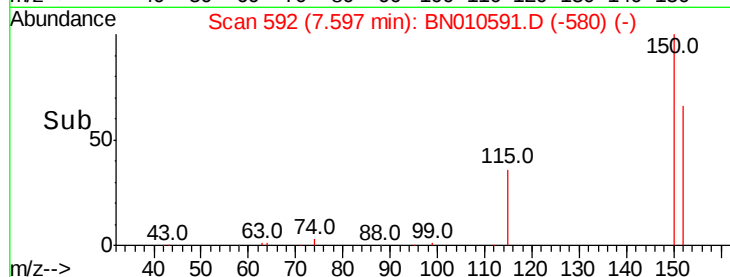


Abundance

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: 0.023 ng

RT: 3.25 min Scan# 52

Delta R.T. 0.00 min

Lab File: BN010591.D

Acq: 24 Apr 2020 16:37

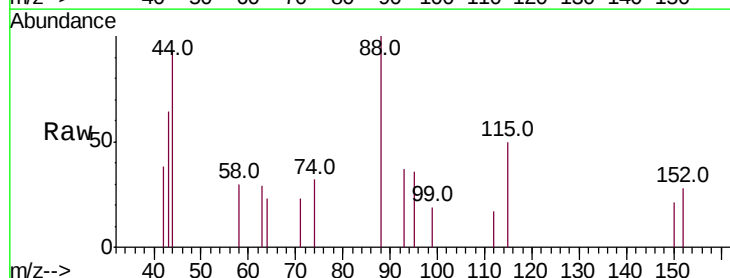
Tgt Ion: 88 Resp: 65

Ion Ratio Lower Upper

88 100

58 58.5 36.5 54.7#

43 92.3 13.2 19.8#

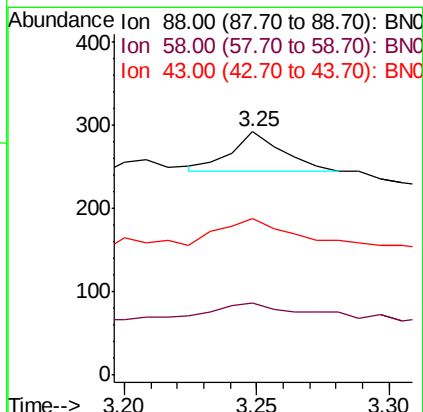
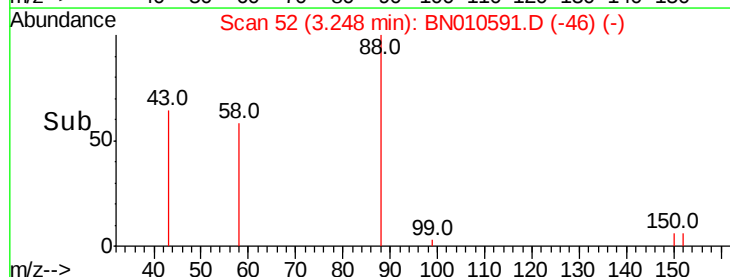


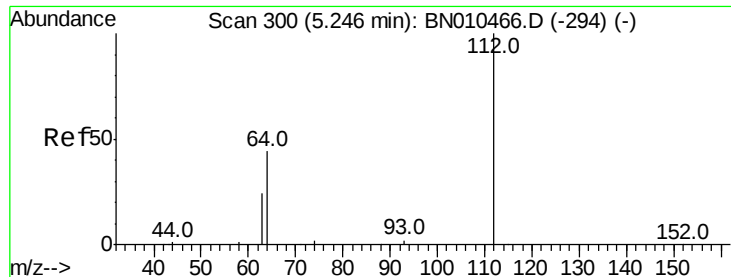
Abundance

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: 0.189 ng

RT: 5.24 min Scan# 299

Delta R.T. 0.00 min

Lab File: BN010591.D

Acq: 24 Apr 2020 16:37

Instrument :

BNA_N

ClientSampleId :

WB-TWP-3

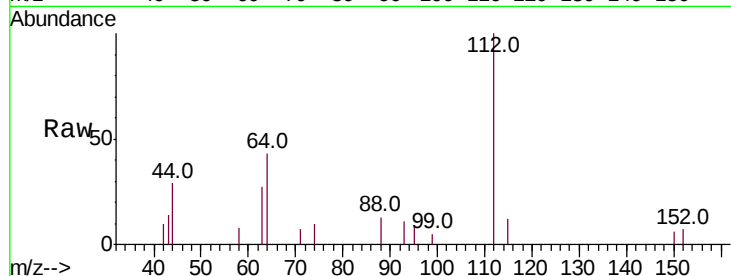
Tot Ion:112 Resp: 1587

Ion Ratio Lower Upper

112 100

64 44.5 35.8 53.8

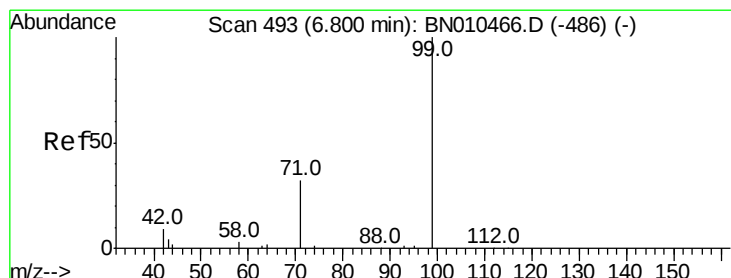
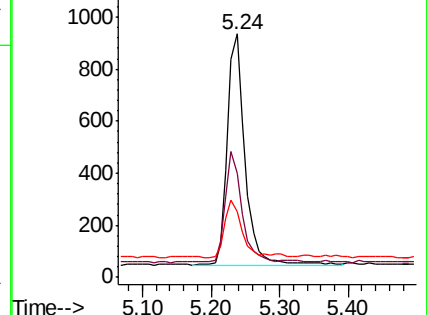
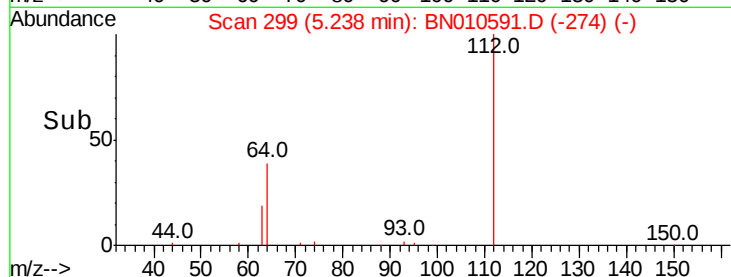
63 24.3 19.9 29.9



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#5

Phenol-d6

Concen: 0.111 ng

RT: 6.78 min Scan# 491

Delta R.T. 0.00 min

Lab File: BN010591.D

Acq: 24 Apr 2020 16:37

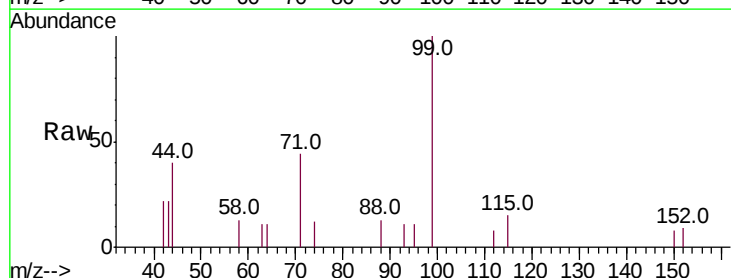
Tgt Ion: 99 Resp: 1221

Ion Ratio Lower Upper

99 100

42 14.7 9.8 14.6#

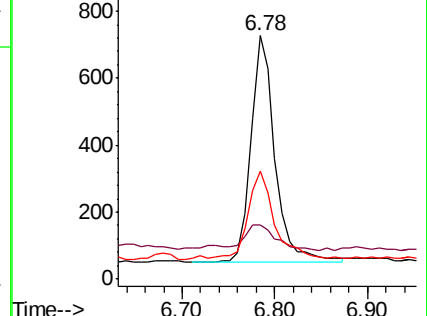
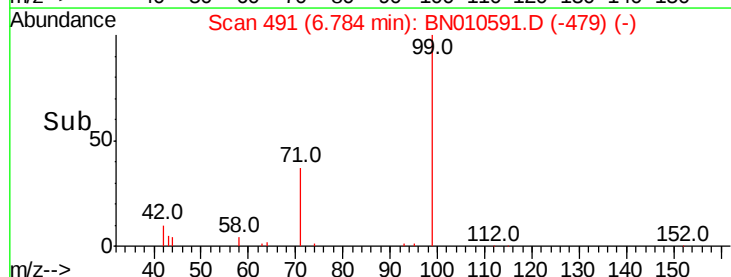
71 43.5 27.8 41.8#

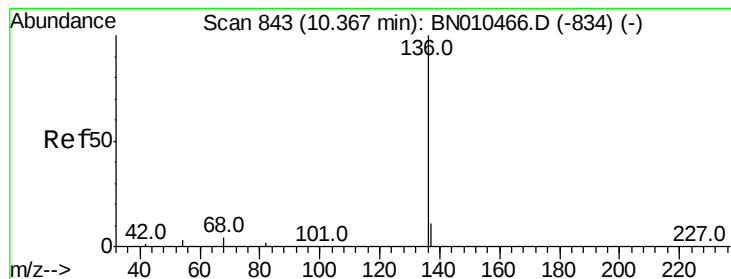


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.35 min Scan# 842

Delta R.T. 0.00 min

Lab File: BN010591.D

Acq: 24 Apr 2020 16:37

Instrument :

BNA_N

ClientSampleId :

WB-TWP-3

Tot Ion:136 Resp: 15390

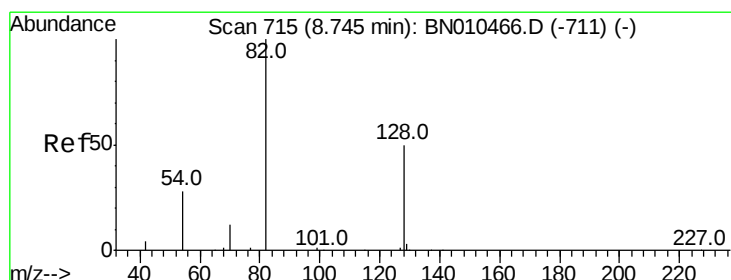
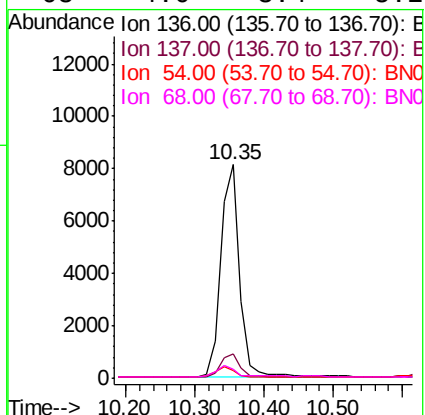
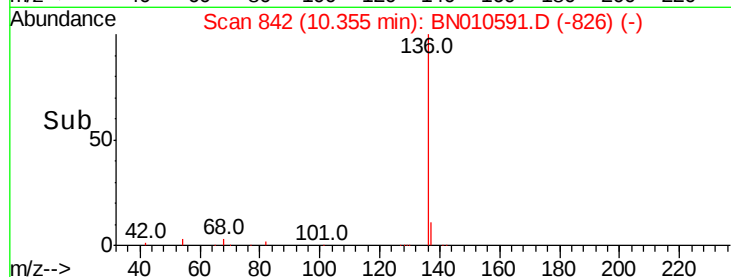
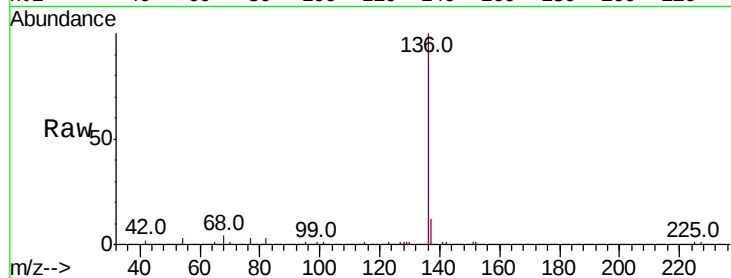
Ion Ratio Lower Upper

136 100

137 11.6 8.9 13.3

54 3.3 2.6 4.0

68 4.0 3.4 5.2



#8

Nitrobenzene-d5

Concen: 0.399 ng

RT: 8.73 min Scan# 714

Delta R.T. 0.00 min

Lab File: BN010591.D

Acq: 24 Apr 2020 16:37

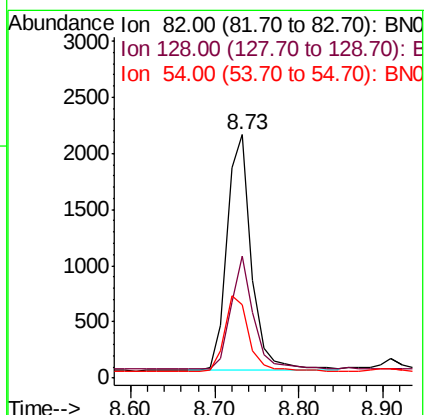
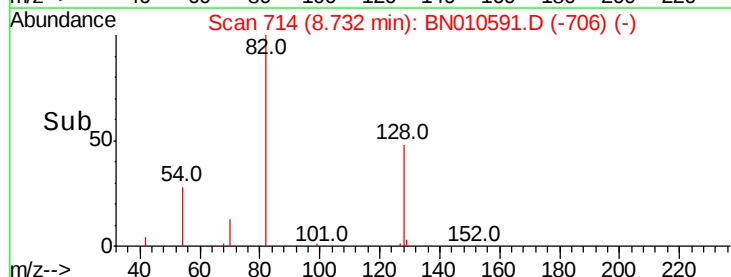
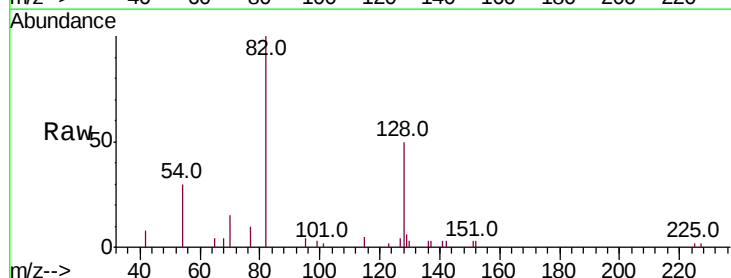
Tgt Ion: 82 Resp: 4296

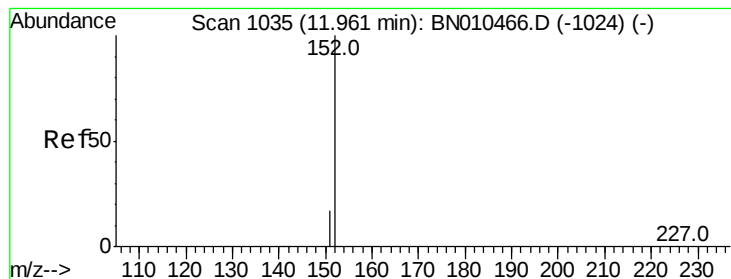
Ion Ratio Lower Upper

82 100

128 49.9 41.3 61.9

54 30.2 23.4 35.0





#11

2-Methylnaphthalene-d10

Concen: 0.350 ng

RT: 11.94 min Scan# 1031

Delta R.T. 0.00 min

Lab File: BN010591.D

Acq: 24 Apr 2020 16:37

Instrument :

BNA_N

ClientSampleId :

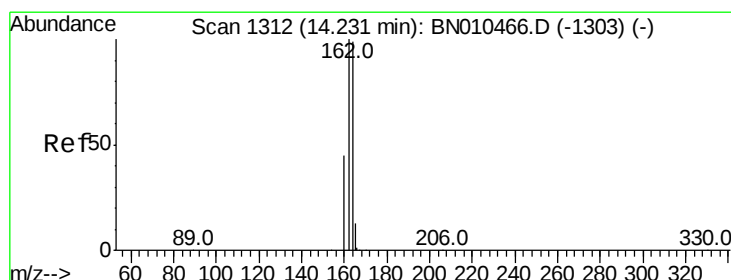
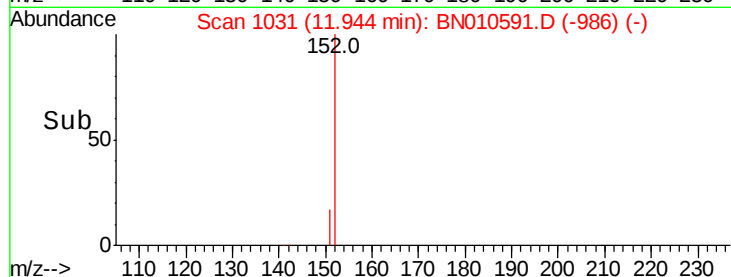
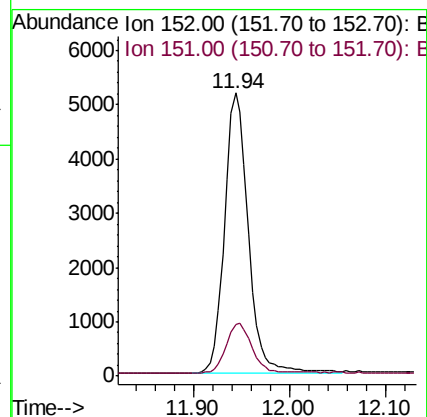
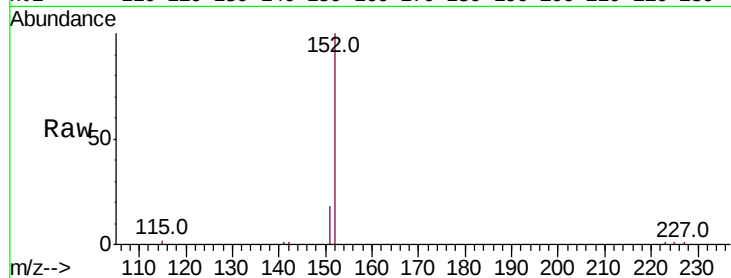
WB-TWP-3

Tot Ion:152 Resp: 8844

Ion Ratio Lower Upper

152 100

151 19.3 15.3 22.9



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.21 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BN010591.D

Acq: 24 Apr 2020 16:37

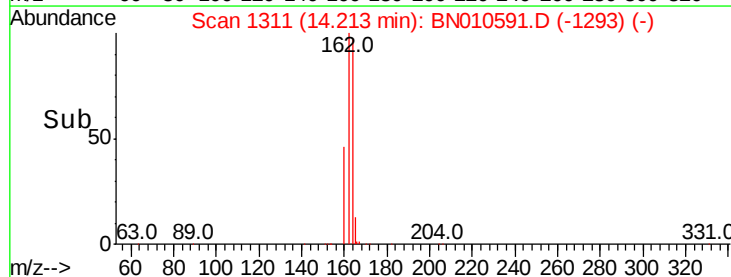
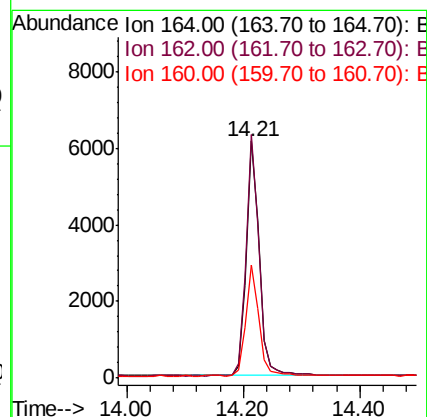
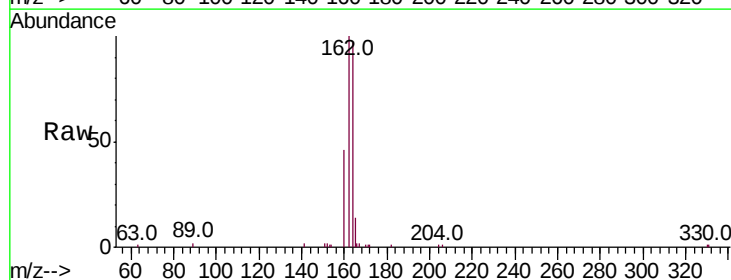
Tgt Ion:164 Resp: 9658

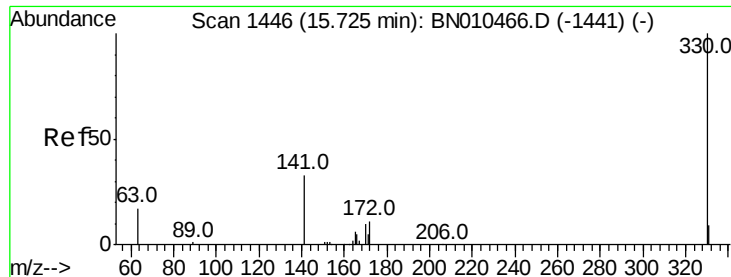
Ion Ratio Lower Upper

164 100

162 102.9 80.6 121.0

160 47.7 36.5 54.7

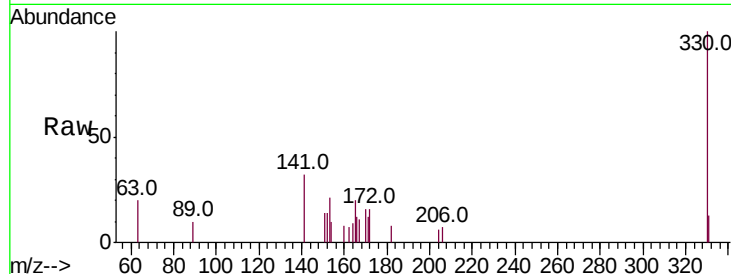




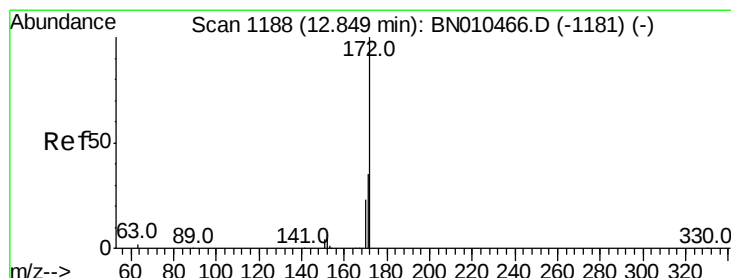
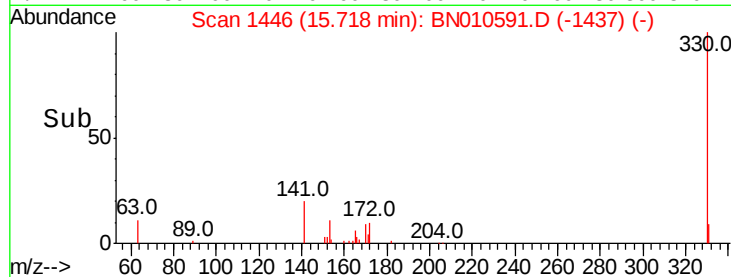
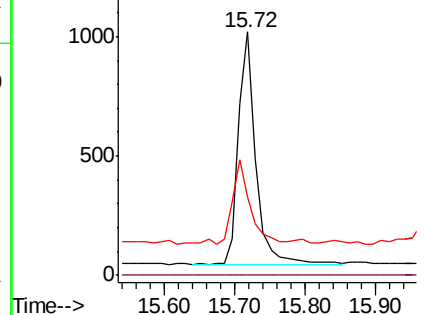
#14
 2,4,6-Tribromophenol
 Concen: 0.371 ng
 RT: 15.72 min Scan# 1446
 Delta R.T. 0.00 min
 Lab File: BN010591.D
 Acq: 24 Apr 2020 16:37

Instrument :
 BNA_N
 ClientSampleId :
 WB-TWP-3

Tot Ion:330 Resp: 1690
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 35.5 28.1 42.1

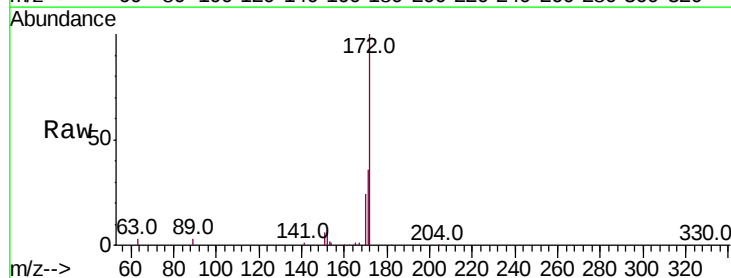


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

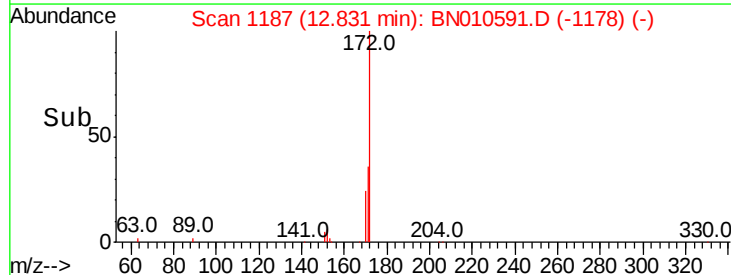
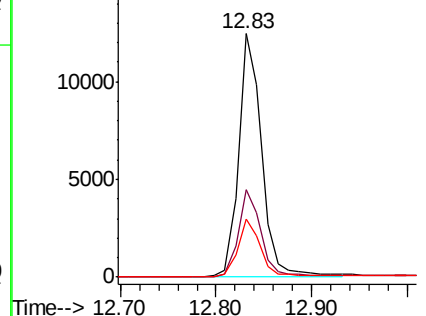


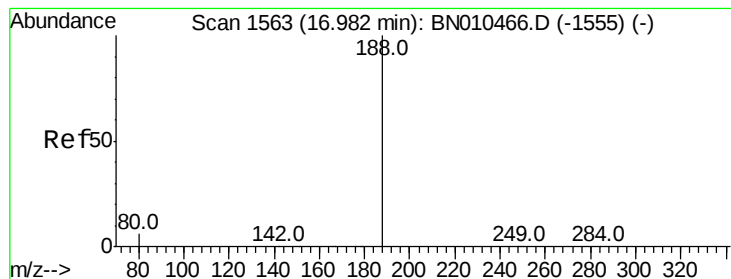
#15
 2-Fluorobiphenyl
 Concen: 0.585 ng
 RT: 12.83 min Scan# 1187
 Delta R.T. 0.00 min
 Lab File: BN010591.D
 Acq: 24 Apr 2020 16:37

Tgt Ion:172 Resp: 20551
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.2 42.2
 170 24.0 18.4 27.6



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: 16.96 min Scan# 1562

Delta R.T. 0.00 min

Lab File: BN010591.D

Acq: 24 Apr 2020 16:37

Instrument :

BNA_N

ClientSampleId :

WB-TWP-3

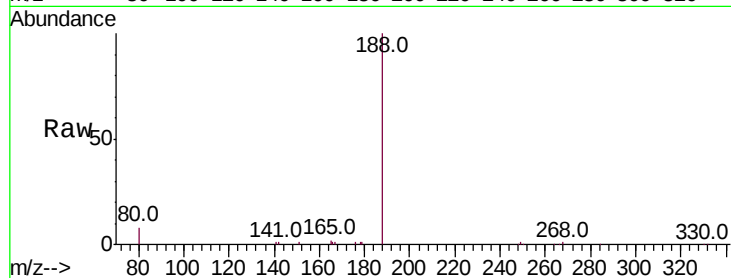
Tot Ion:188 Resp: 21273

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

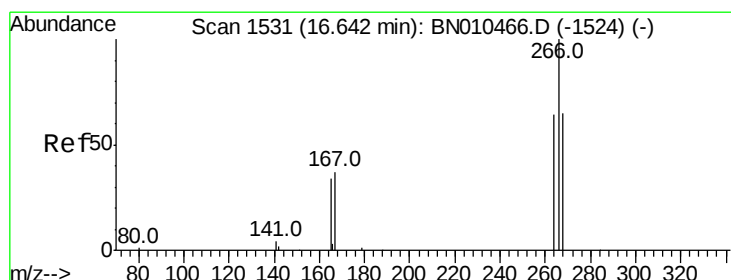
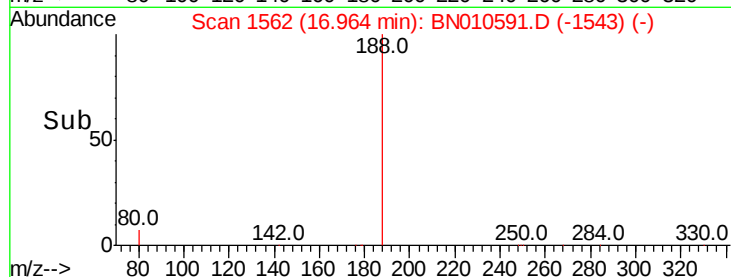
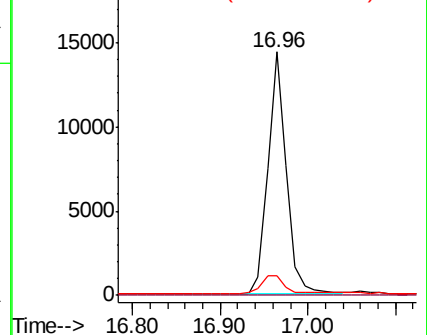
80 8.2 5.0 7.6#



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



#22

Pentachlorophenol

Concen: 0.025 ng

RT: 16.62 min Scan# 1530

Delta R.T. 0.00 min

Lab File: BN010591.D

Acq: 24 Apr 2020 16:37

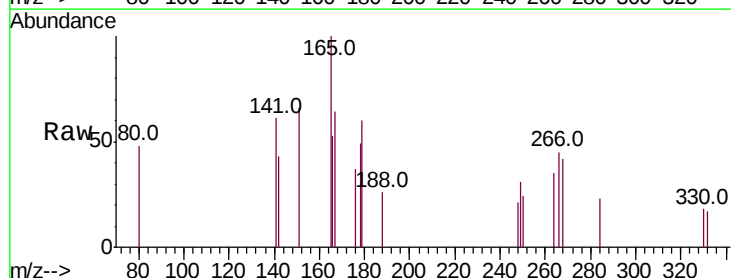
Tgt Ion:266 Resp: 132

Ion Ratio Lower Upper

266 100

264 78.2 51.8 77.6#

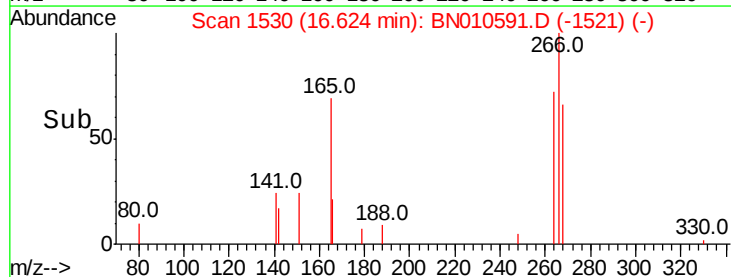
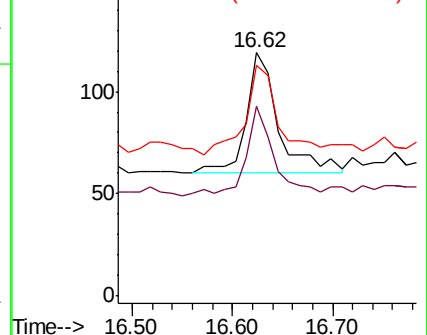
268 95.0 53.7 80.5#

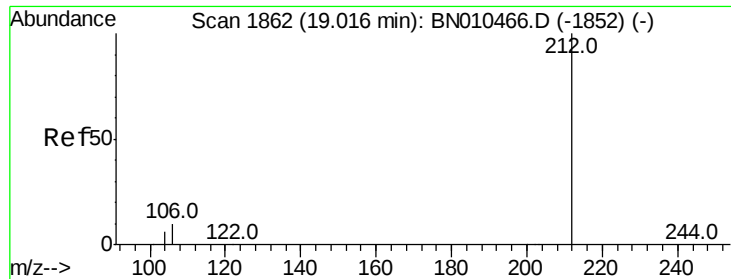


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.377 ng

RT: 19.00 min Scan# 1861

Delta R.T. 0.00 min

Lab File: BN010591.D

Acq: 24 Apr 2020 16:37

Instrument :

BNA_N

ClientSampleId :

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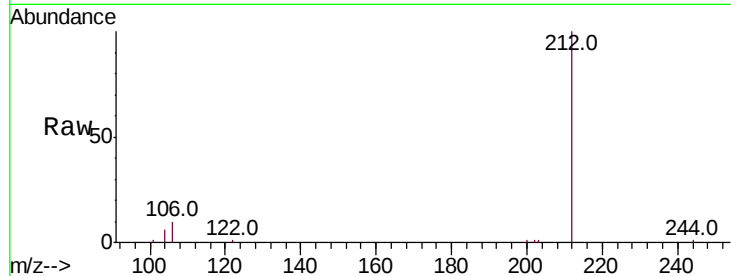
Tot Ion:212 Resp: 24299

Ion Ratio Lower Upper

212 100

106 10.3 7.8 11.6

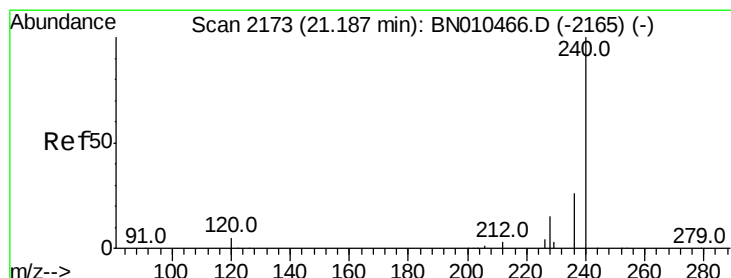
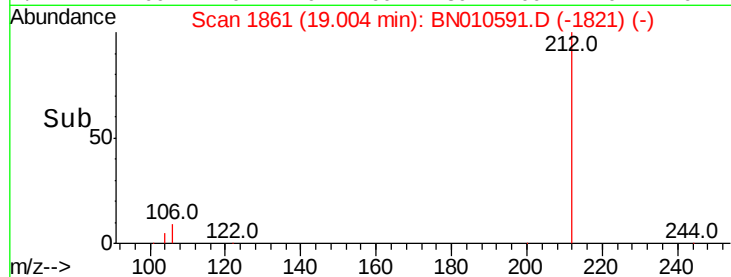
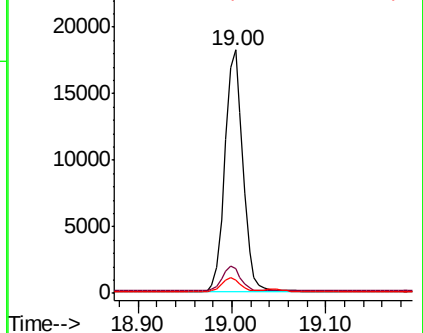
104 5.7 4.5 6.7



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: 21.17 min Scan# 2173

Delta R.T. 0.00 min

Lab File: BN010591.D

Acq: 24 Apr 2020 16:37

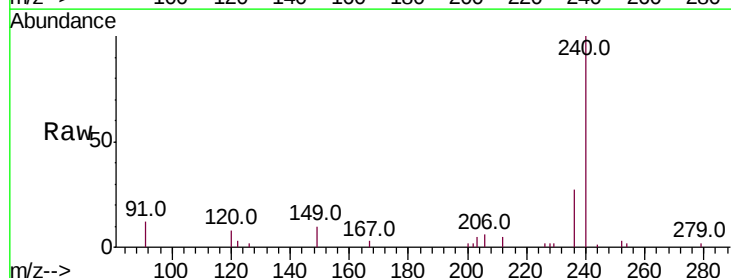
Tgt Ion:240 Resp: 18467

Ion Ratio Lower Upper

240 100

120 7.9 4.8 7.2#

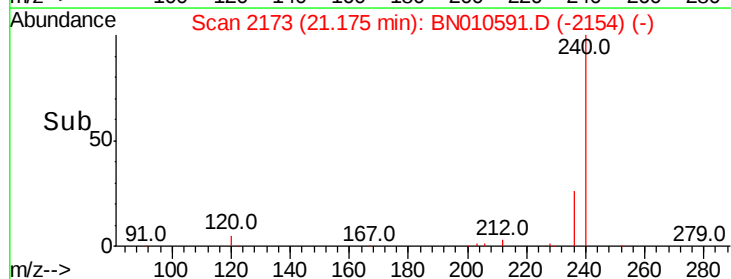
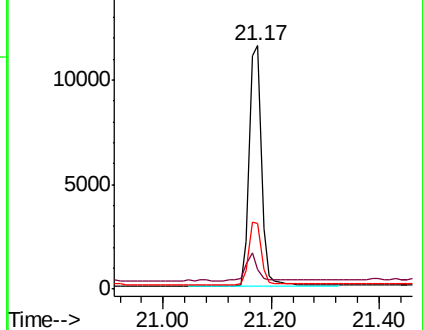
236 27.1 21.4 32.0

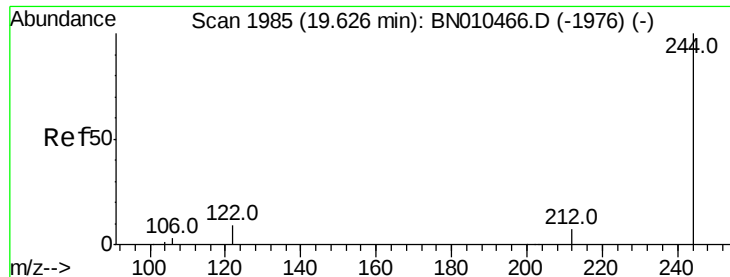


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.521 ng

RT: 19.61 min Scan# 1984

Delta R.T. 0.00 min

Lab File: BN010591.D

Acq: 24 Apr 2020 16:37

Instrument :

BNA_N

ClientSampleId :

WB-TWP-3

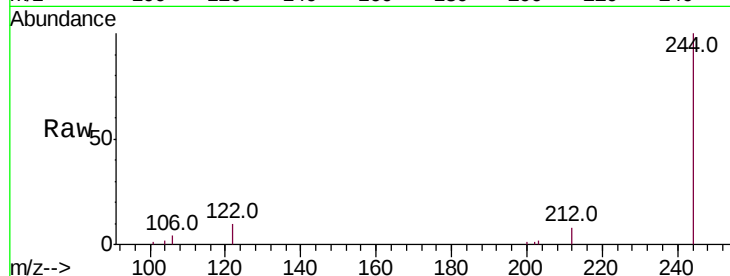
Tot Ion:244 Resp: 22032

Ion Ratio Lower Upper

244 100

212 8.3 6.2 9.4

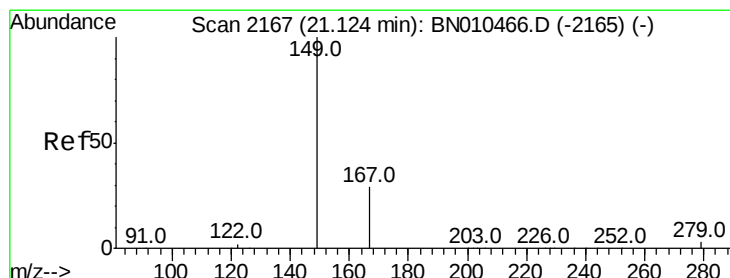
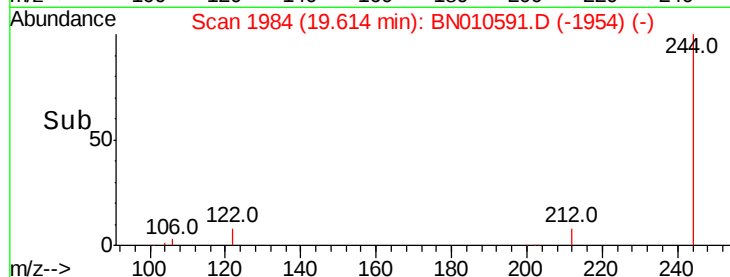
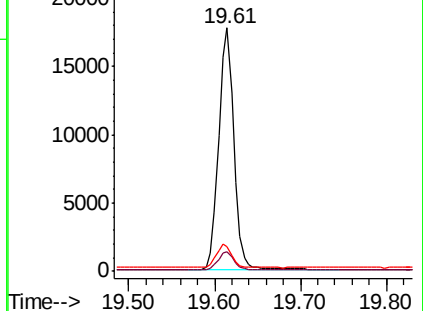
122 10.0 7.8 11.8



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: 0.061 ng

RT: 21.11 min Scan# 2167

Delta R.T. 0.00 min

Lab File: BN010591.D

Acq: 24 Apr 2020 16:37

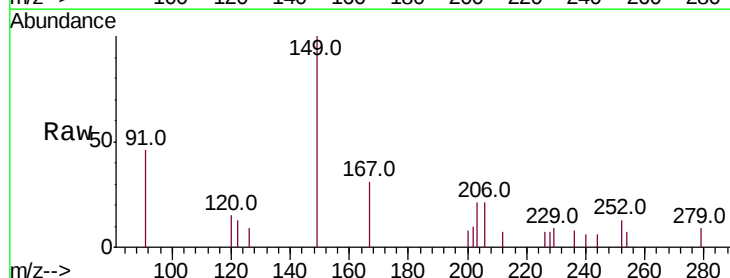
Tgt Ion:149 Resp: 1881

Ion Ratio Lower Upper

149 100

167 29.1 23.4 35.0

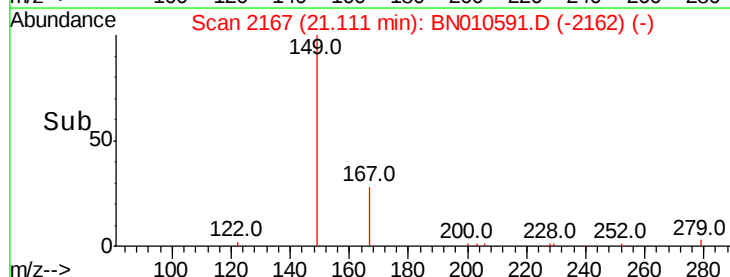
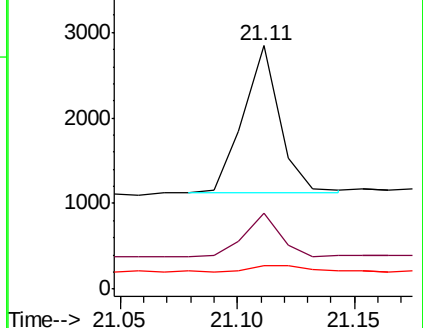
279 6.1 4.0 6.0#

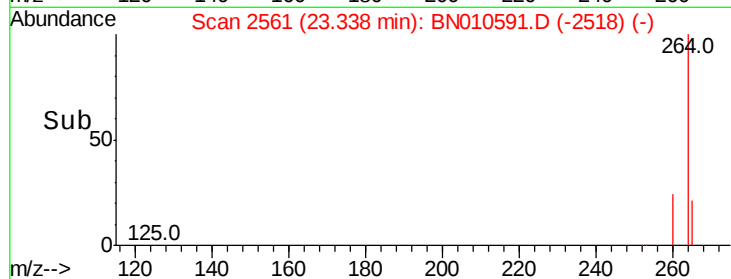
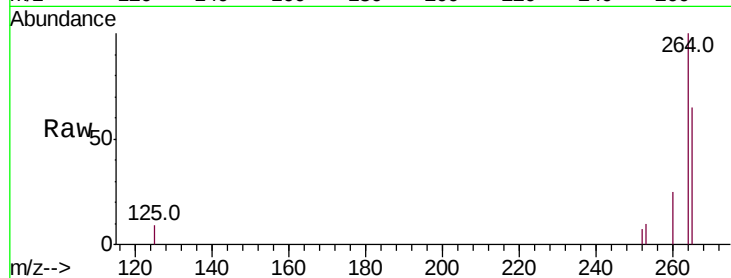
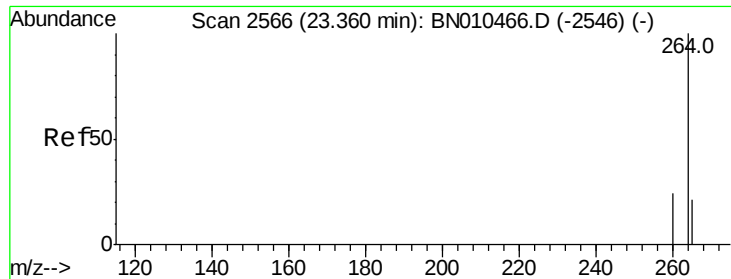


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.34 min Scan# 2561

Delta R.T. -0.00 min

Lab File: BN010591.D

Acq: 24 Apr 2020 16:37

Instrument :

BNA_N

ClientSampleId :

WB-TWP-3

Tot Ion:264 Resp: 17185

Ion Ratio Lower Upper

264 100

260 25.0 19.8 29.8

265 65.4 42.3 63.5#

