

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042420\
 Data File : BN010595.D
 Acq On : 24 Apr 2020 19:01
 Operator : CG/JU
 Sample : L2330-18
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 WB-TWP-1

Quant Time: Apr 24 20:01:08 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	3115	0.40	ng	0.00
7) Naphthalene-d8	10.35	136	13165	0.40	ng	0.00
13) Acenaphthene-d10	14.21	164	9532	0.40	ng	0.00
19) Phenanthrene-d10	16.96	188	21126	0.40	ng	0.00
27) Chrysene-d12	21.16	240	19933	0.40	ng	-0.01
34) Perylene-d12	23.34	264	17731	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.24	112	187	0.03	ng	0.00
5) Phenol-d6	6.79	99	136	0.02	ng	0.00
8) Nitrobenzene-d5	8.73	82	664	0.07	ng	0.00
11) 2-Methylnaphthalene-d10	11.94	152	1591	0.07	ng	0.00
14) 2,4,6-Tribromophenol	15.72	330	314	0.07	ng	0.00
15) 2-Fluorobiphenyl	12.83	172	3479	0.10	ng	0.00
25) Fluoranthene-d10	19.00	212	4642	0.07	ng	0.00
29) Terphenyl-d14	19.61	244	11077	0.24	ng	0.00

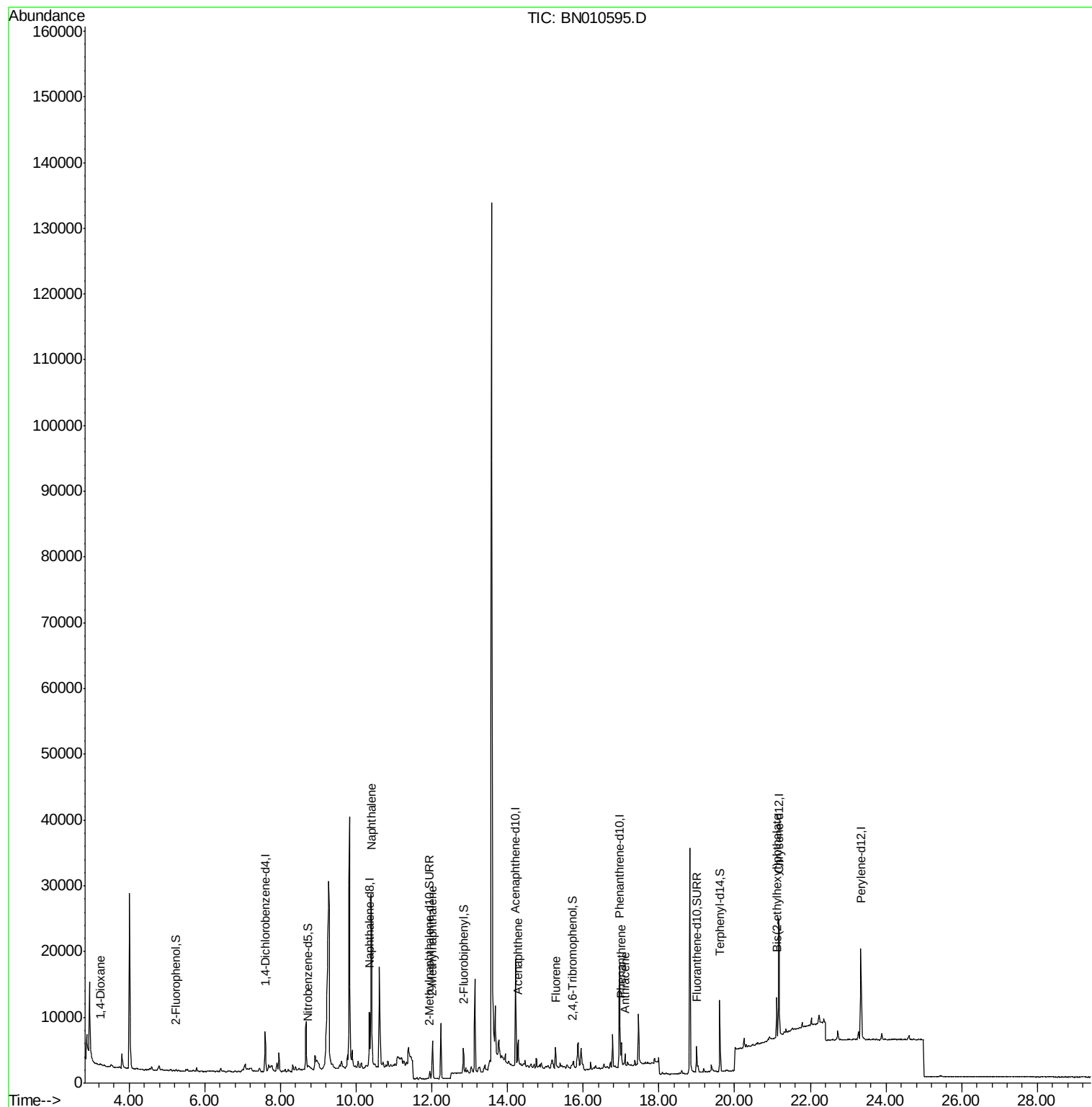
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.24	88	170	0.074	ng	# 1
9) Naphthalene	10.39	128	35661	1.091	ng	99
12) 2-Methylnaphthalene	12.02	142	4341	0.185	ng	97
17) Acenaphthene	14.28	154	2028	0.077	ng	99
18) Fluorene	15.27	166	1973	0.057	ng	99
23) Phenanthrene	17.01	178	3980	0.070	ng	97
24) Anthracene	17.09	178	1164	0.022	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.11	149	5314	0.159	ng	98

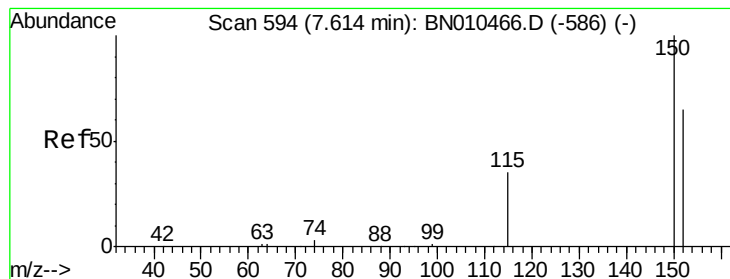
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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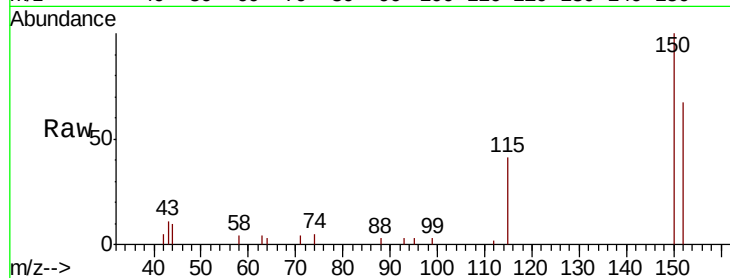


#1

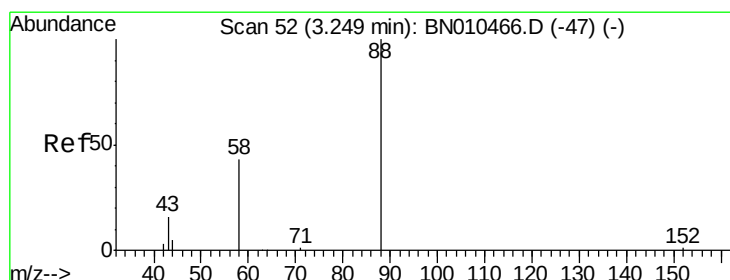
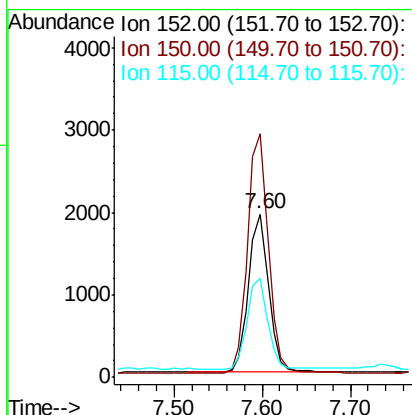
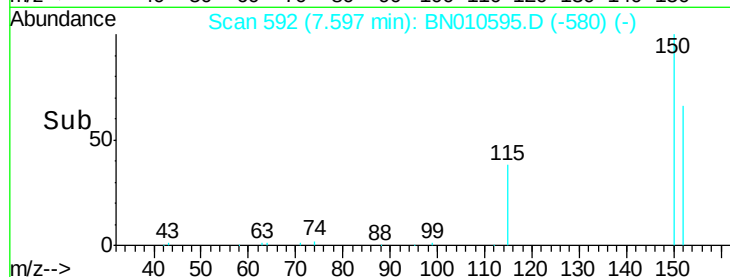
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.60 min Scan# 592
Delta R.T. 0.00 min
Lab File: BN010595.D
Acq: 24 Apr 2020 19:01

Instrument :
BNA_N
ClientSampleId :
WB-TWP-1

Tot Ion:152 Resp: 3115
Ion Ratio Lower Upper
152 100
150 149.1 121.8 182.6
115 60.9 45.5 68.3



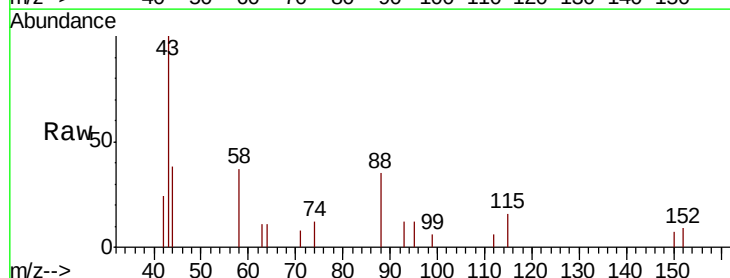
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



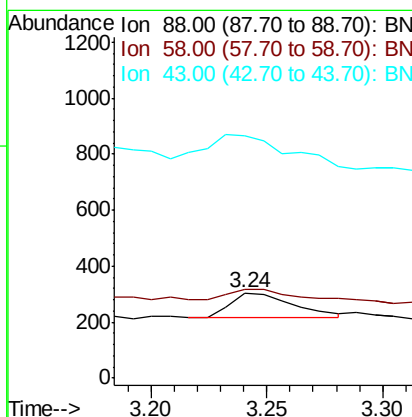
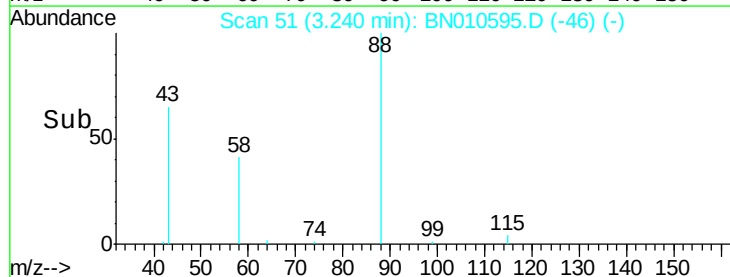
#2

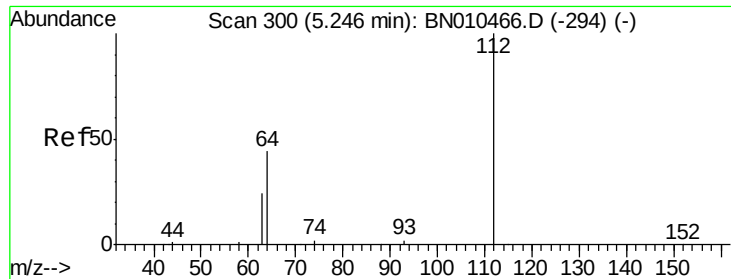
1,4-Dioxane
Concen: 0.074 ng
RT: 3.24 min Scan# 51
Delta R.T. -0.01 min
Lab File: BN010595.D
Acq: 24 Apr 2020 19:01

Tgt Ion: 88 Resp: 170
Ion Ratio Lower Upper
88 100
58 39.4 36.5 54.7
43 170.6 13.2 19.8#



Abundance Ion 88.00 (87.70 to 88.70): BN0
Ion 58.00 (57.70 to 58.70): BN0
Ion 43.00 (42.70 to 43.70): BN0





#4

2-Fluorophenol

Concen: 0.027 ng

RT: 5.24 min Scan# 299

Delta R.T. 0.00 min

Lab File: BN010595.D

Acq: 24 Apr 2020 19:01

Instrument :

BNA_N

ClientSampleId :

WB-TWP-1

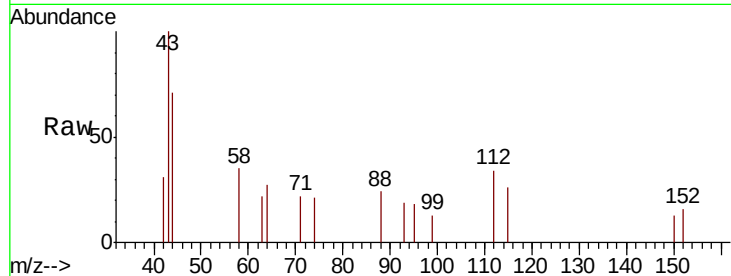
Tot Ion: 112 Resp: 187

Ion Ratio Lower Upper

112 100

64 40.1 35.8 53.8

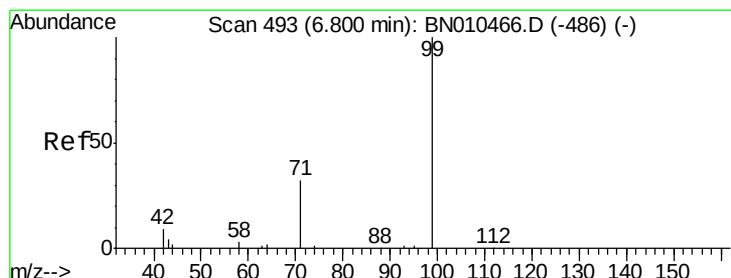
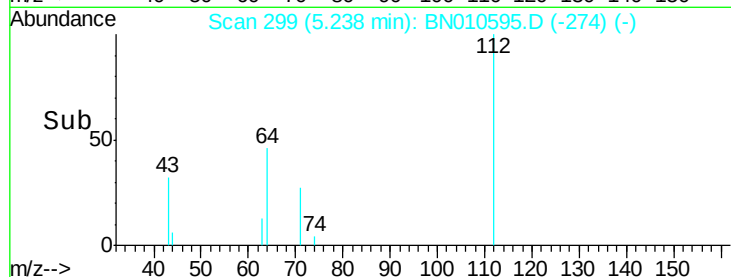
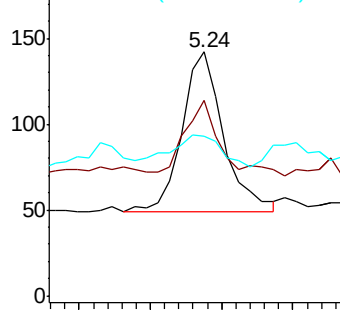
63 31.0 19.9 29.9#



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: 0.015 ng

RT: 6.79 min Scan# 492

Delta R.T. 0.01 min

Lab File: BN010595.D

Acq: 24 Apr 2020 19:01

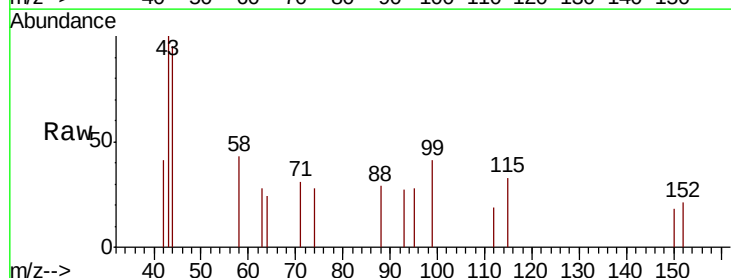
Tgt Ion: 99 Resp: 136

Ion Ratio Lower Upper

99 100

42 28.7 9.8 14.6#

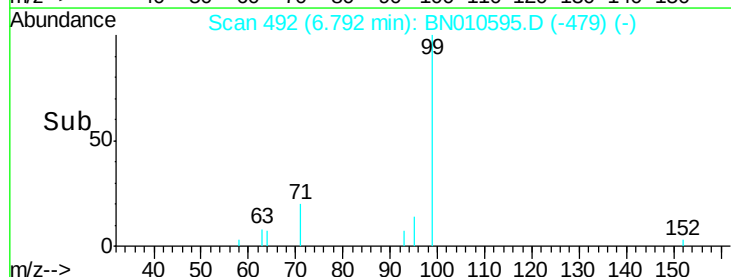
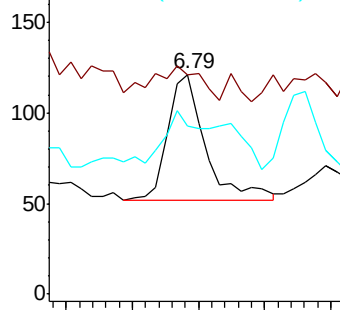
71 32.4 27.8 41.8

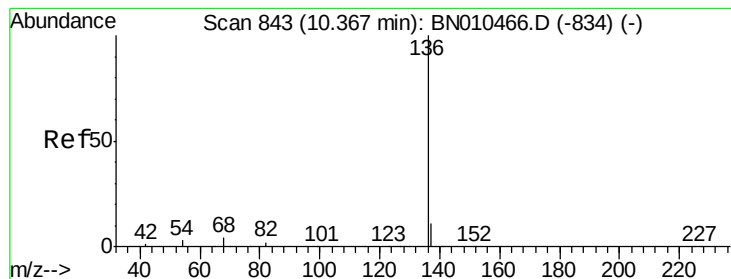


Abundance Ion 99.00 (98.70 to 99.70): BNO

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: 10.35 min Scan# 842

Delta R.T. 0.00 min

Lab File: BN010595.D

Acq: 24 Apr 2020 19:01

Instrument :

BNA_N

ClientSampleId :

WB-TWP-1

Tot Ion:136 Resp: 13165

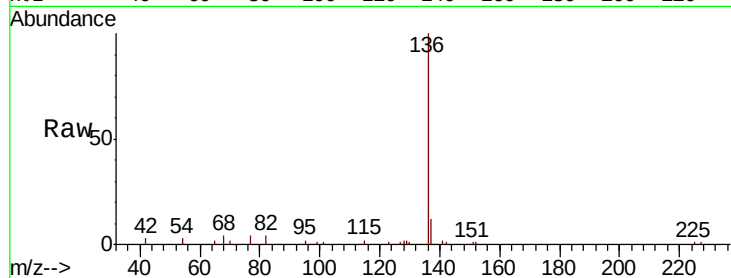
Ion Ratio Lower Upper

136 100

137 11.7 8.9 13.3

54 3.5 2.6 4.0

68 4.5 3.4 5.2

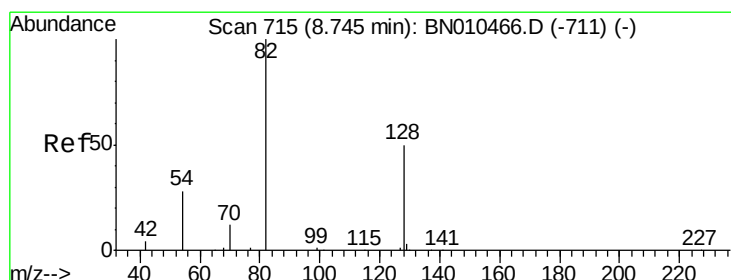
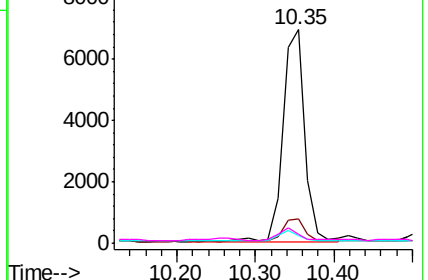
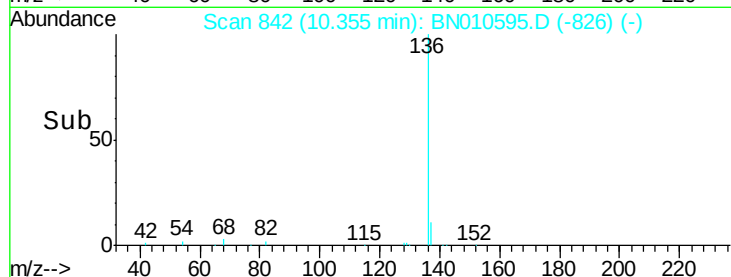


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.072 ng

RT: 8.73 min Scan# 714

Delta R.T. 0.00 min

Lab File: BN010595.D

Acq: 24 Apr 2020 19:01

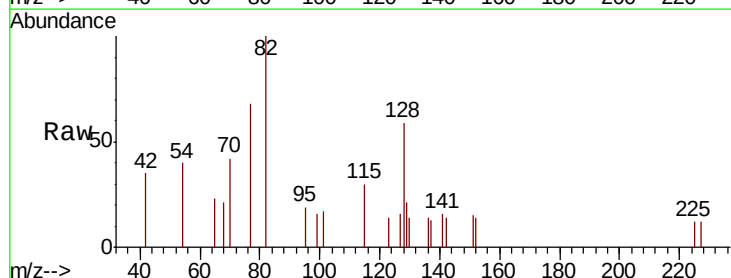
Tgt Ion: 82 Resp: 664

Ion Ratio Lower Upper

82 100

128 59.0 41.3 61.9

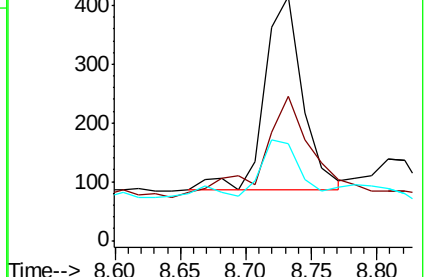
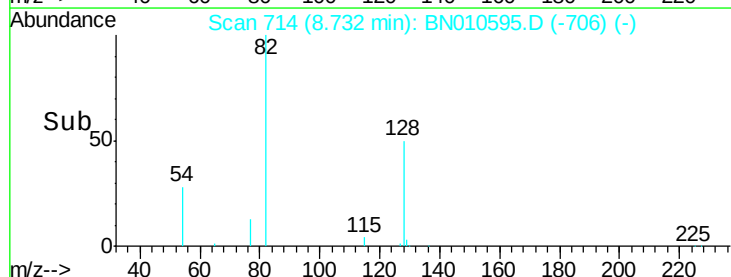
54 39.5 23.4 35.0#

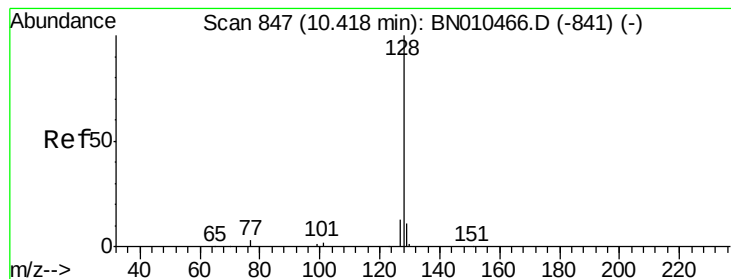


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 1.091 ng

RT: 10.39 min Scan# 845

Delta R.T. 0.00 min

Lab File: BN010595.D

Acq: 24 Apr 2020 19:01

Instrument :

BNA_N

ClientSampleId :

WB-TWP-1

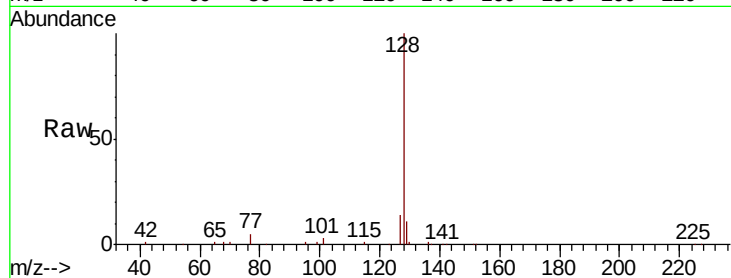
Tot Ion:128 Resp: 35661

Ion Ratio Lower Upper

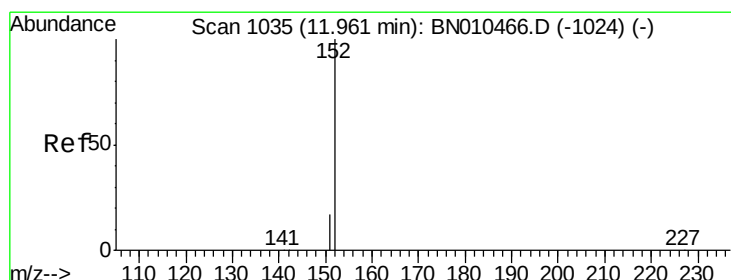
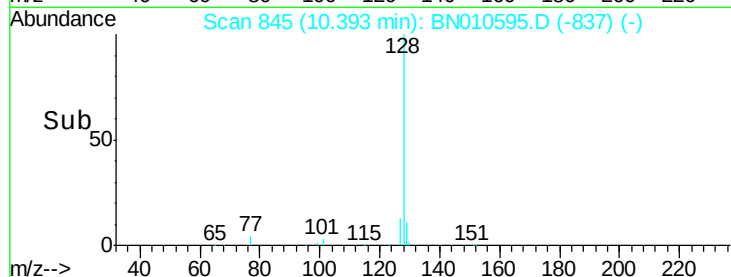
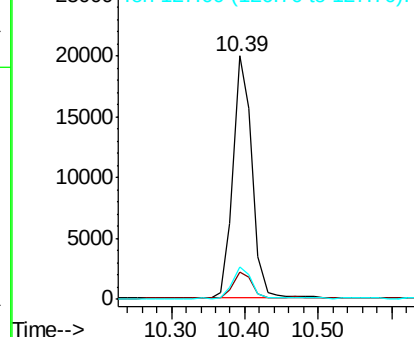
128 100

129 11.3 9.3 13.9

127 13.5 10.5 15.7



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: 0.074 ng

RT: 11.94 min Scan# 1031

Delta R.T. 0.00 min

Lab File: BN010595.D

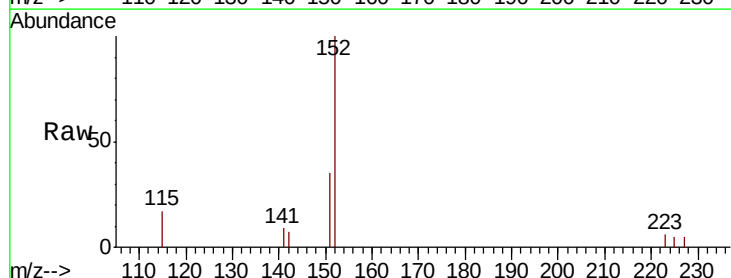
Acq: 24 Apr 2020 19:01

Tgt Ion:152 Resp: 1591

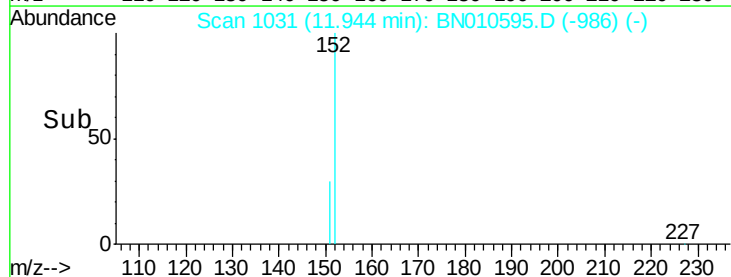
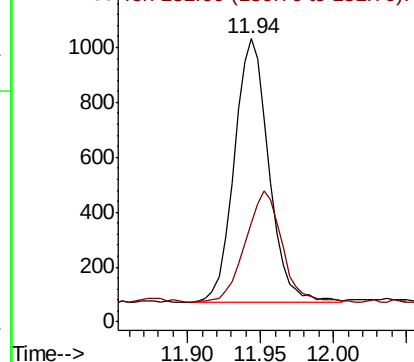
Ion Ratio Lower Upper

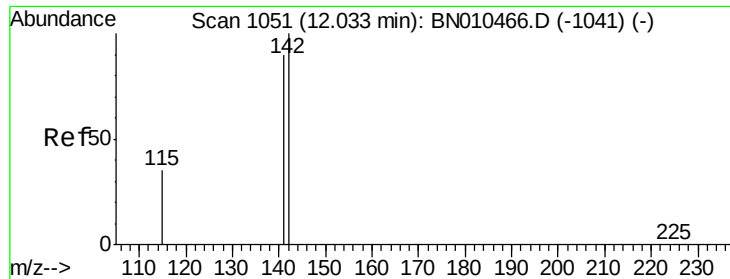
152 100

151 45.6 15.3 22.9#



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 0.185 ng

RT: 12.02 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BN010595.D

Acq: 24 Apr 2020 19:01

Instrument :

BNA_N

ClientSampleId :

WB-TWP-1

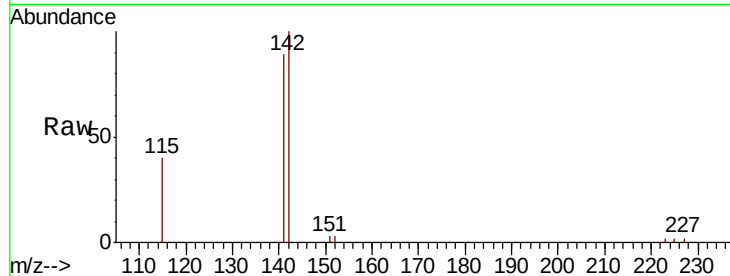
Tot Ion:142 Resp: 4341

Ion Ratio Lower Upper

142 100

141 88.9 71.9 107.9

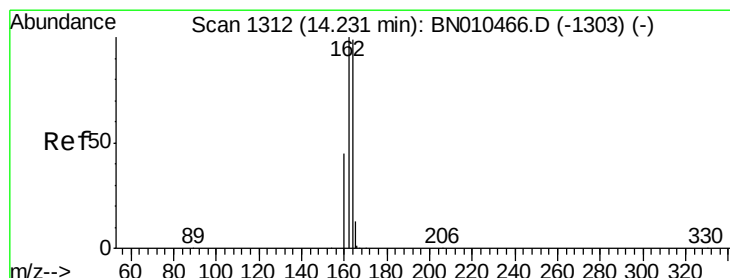
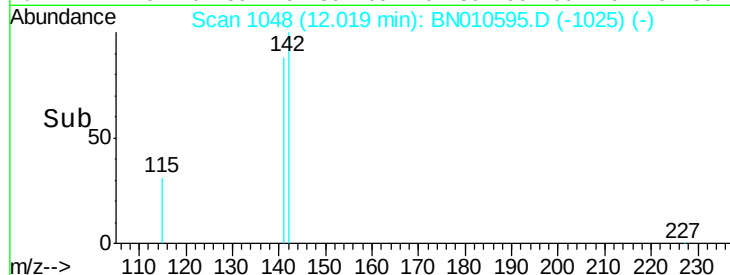
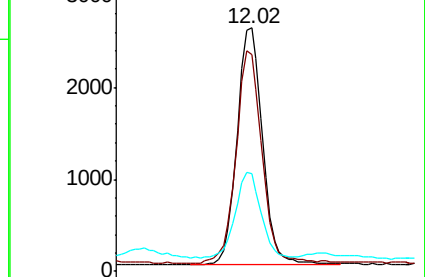
115 40.0 28.8 43.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.21 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BN010595.D

Acq: 24 Apr 2020 19:01

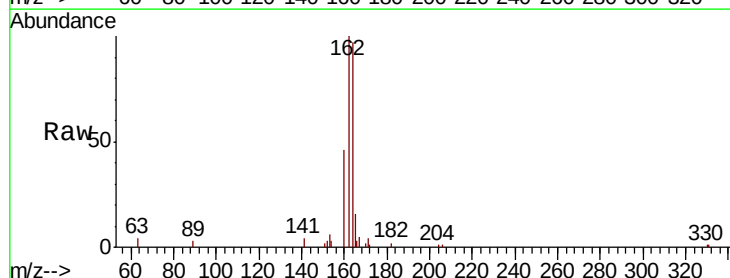
Tgt Ion:164 Resp: 9532

Ion Ratio Lower Upper

164 100

162 102.9 80.6 121.0

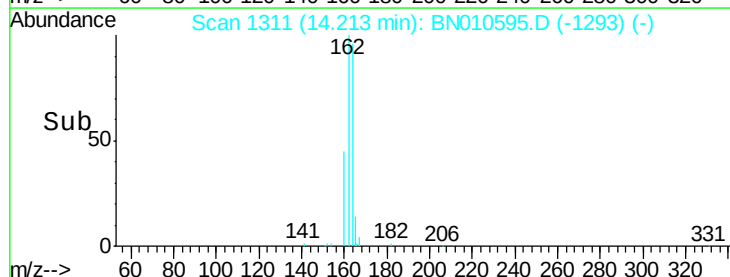
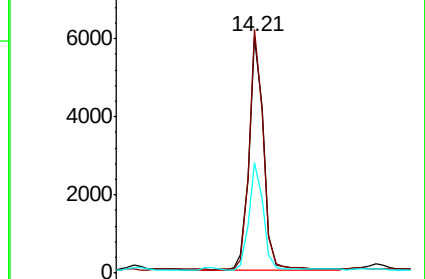
160 47.0 36.5 54.7

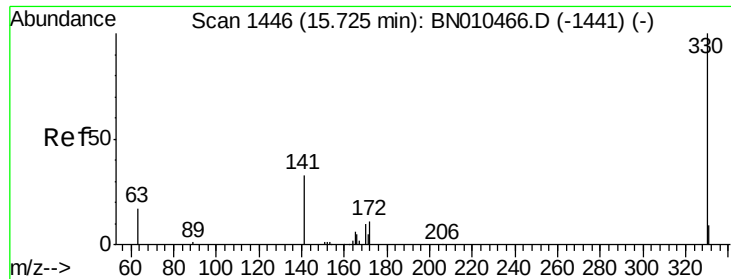


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

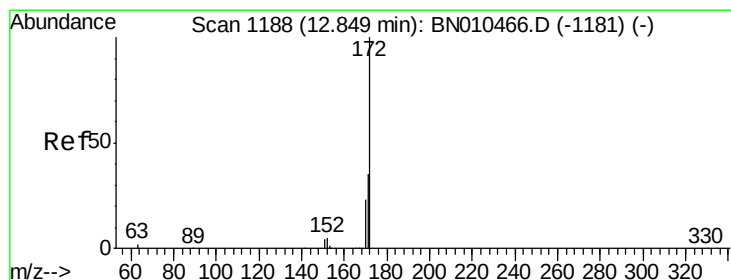
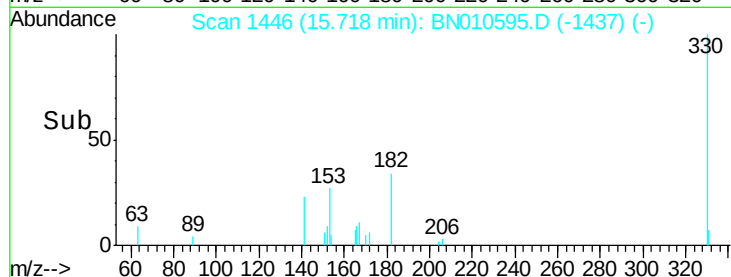
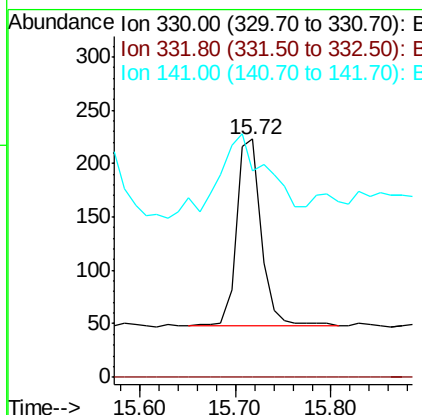
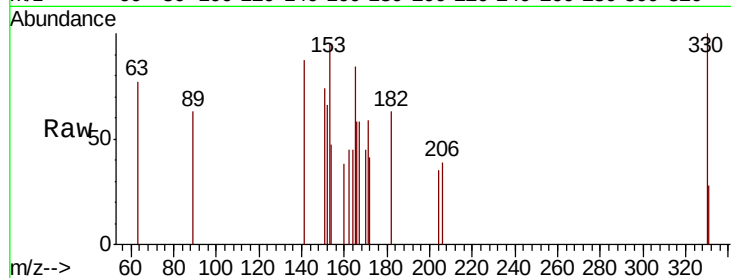




#14
 2,4,6-Tribromophenol
 Concen: 0.070 ng
 RT: 15.72 min Scan# 1446
 Delta R.T. 0.00 min
 Lab File: BN010595.D
 Acq: 24 Apr 2020 19:01

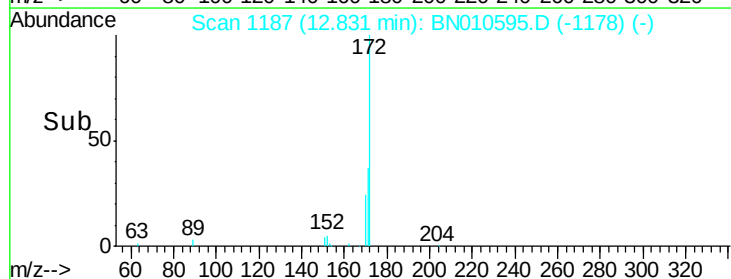
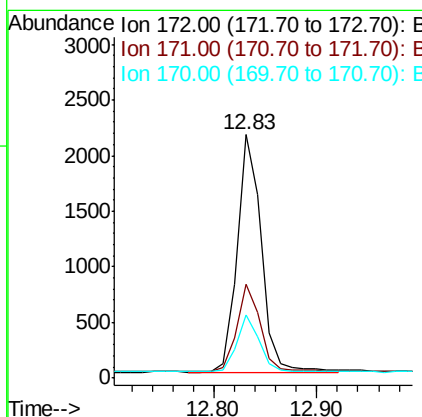
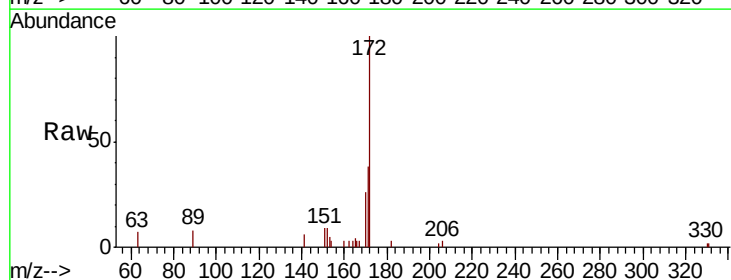
Instrument :
 BNA_N
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 WB-TWP-1

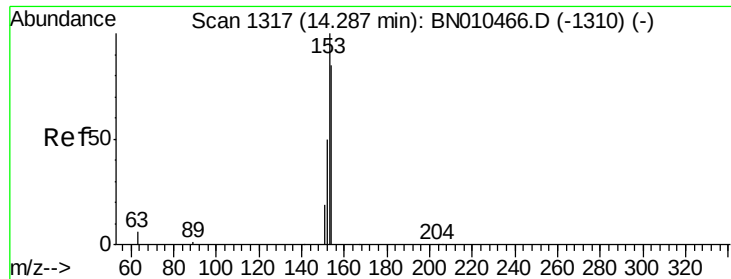
Tot Ion:330 Resp: 314
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 74.5 28.1 42.1#



#15
 2-Fluorobiphenyl
 Concen: 0.100 ng
 RT: 12.83 min Scan# 1187
 Delta R.T. 0.00 min
 Lab File: BN010595.D
 Acq: 24 Apr 2020 19:01

Tgt Ion:172 Resp: 3479
 Ion Ratio Lower Upper
 172 100
 171 38.3 28.2 42.2
 170 25.7 18.4 27.6





#17

Acenaphthene

Concen: 0.077 ng

RT: 14.28 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BN010595.D

Acq: 24 Apr 2020 19:01

Instrument :

BNA_N

ClientSampleId :

WB-TWP-1

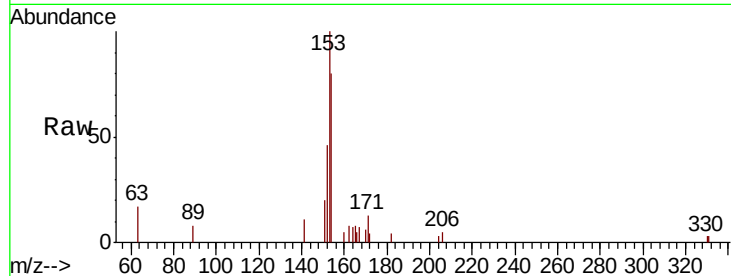
Tot Ion:154 Resp: 2028

Ion Ratio Lower Upper

154 100

153 114.6 91.0 136.4

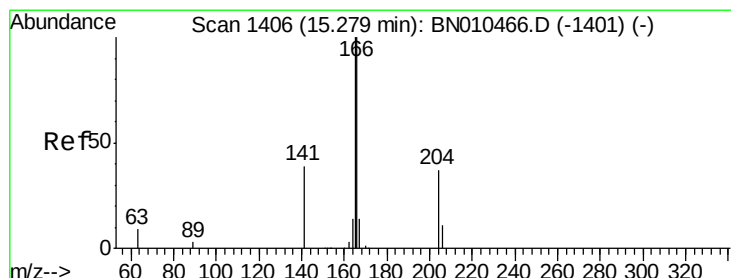
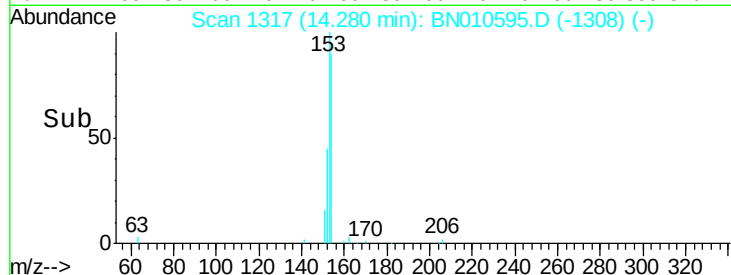
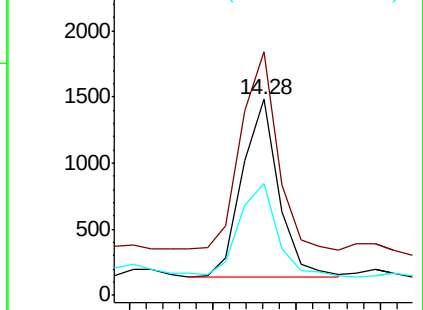
152 55.3 44.6 67.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.057 ng

RT: 15.27 min Scan# 1406

Delta R.T. 0.00 min

Lab File: BN010595.D

Acq: 24 Apr 2020 19:01

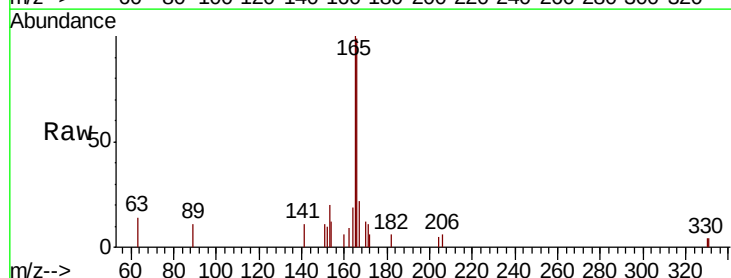
Tgt Ion:166 Resp: 1973

Ion Ratio Lower Upper

166 100

165 98.6 78.4 117.6

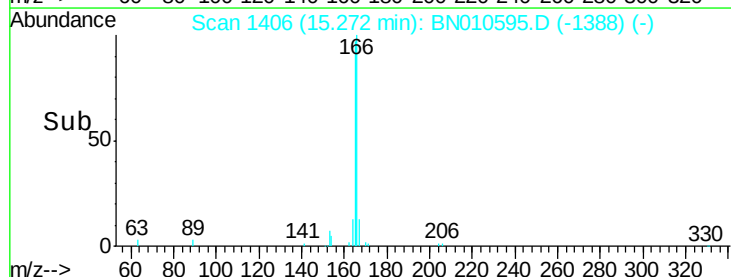
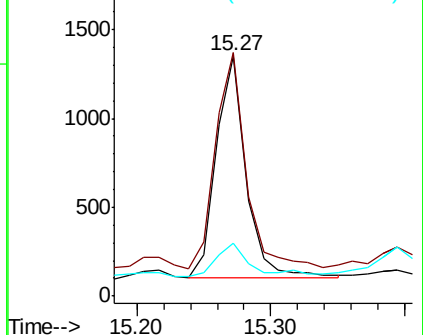
167 15.2 10.9 16.3

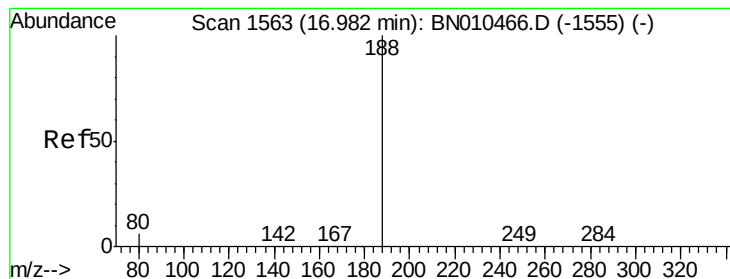


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.96 min Scan# 1562

Delta R.T. 0.00 min

Lab File: BN010595.D

Acq: 24 Apr 2020 19:01

Instrument :

BNA_N

ClientSampleId :

WB-TWP-1

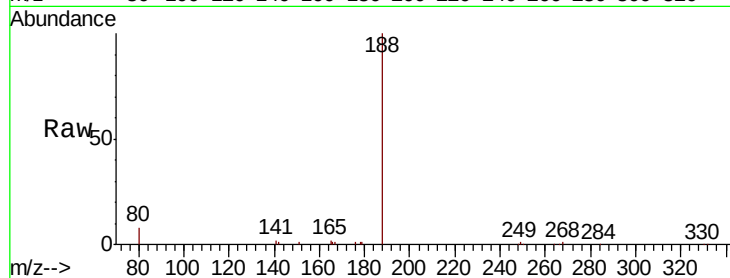
Tot Ion:188 Resp: 21126

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

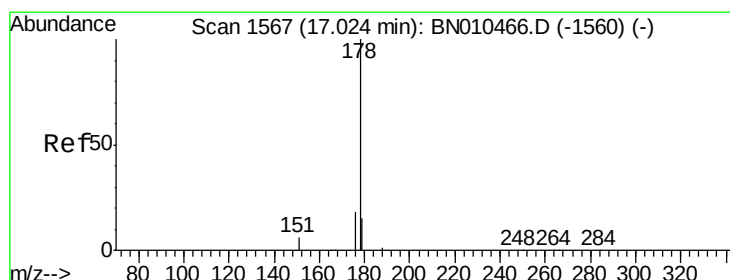
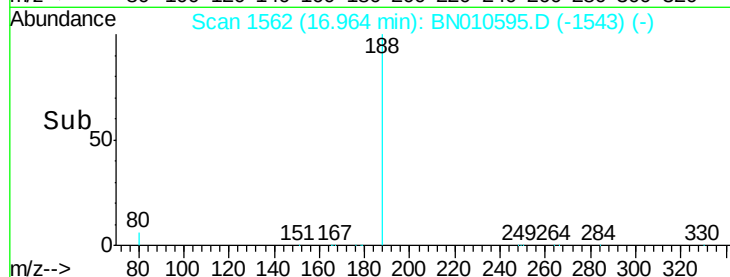
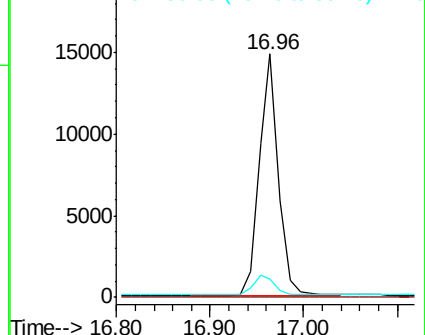
80 7.5 5.0 7.6



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



#23

Phenanthrene

Concen: 0.070 ng

RT: 17.01 min Scan# 1566

Delta R.T. 0.00 min

Lab File: BN010595.D

Acq: 24 Apr 2020 19:01

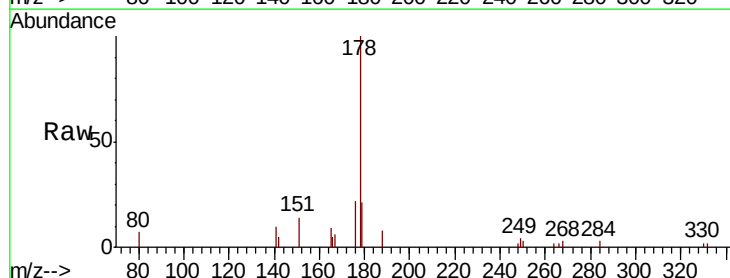
Tgt Ion:178 Resp: 3980

Ion Ratio Lower Upper

178 100

176 19.2 15.0 22.4

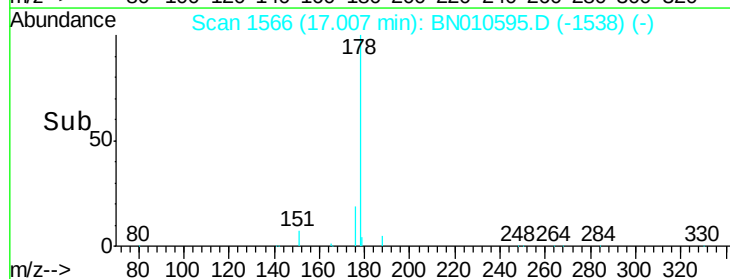
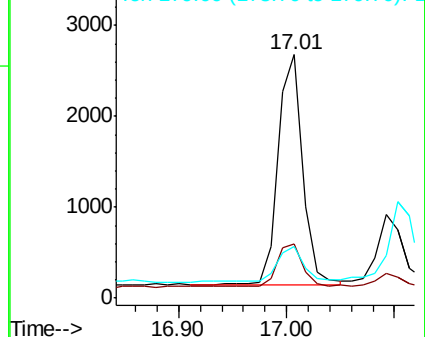
179 17.5 12.6 18.8

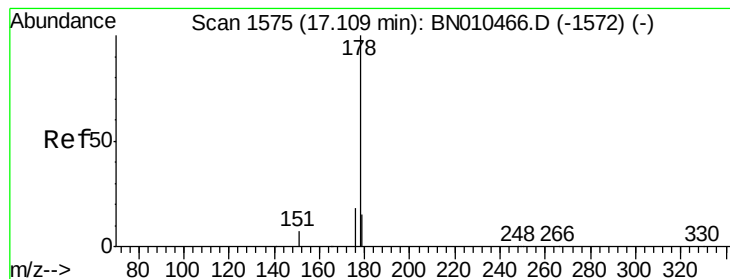


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Anthracene

Concen: 0.022 ng

RT: 17.09 min Scan# 1574

Delta R.T. 0.00 min

Lab File: BN010595.D

Acq: 24 Apr 2020 19:01

Instrument :

BNA_N

ClientSampled :

WB-TWP-1

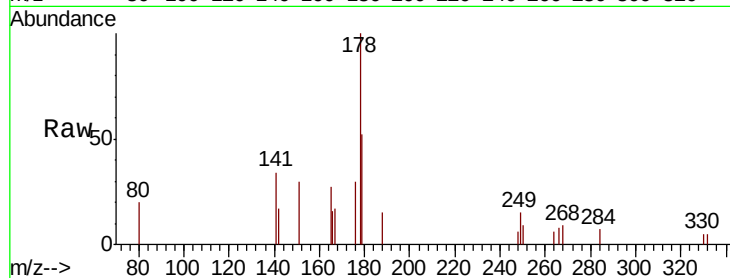
Tot Ion:178 Resp: 1164

Ion Ratio Lower Upper

178 100

176 20.5 14.6 21.8

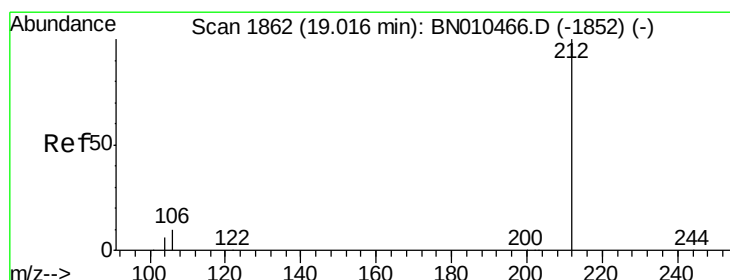
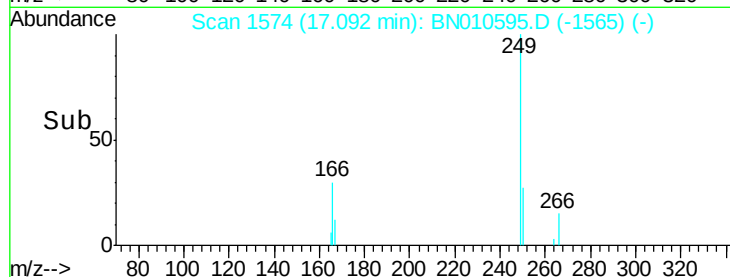
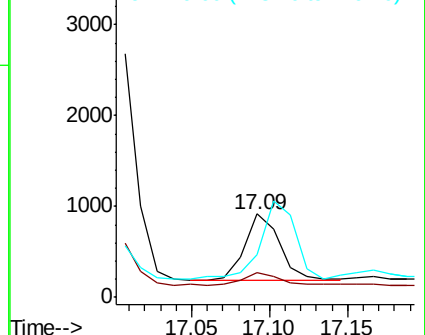
179 114.2 12.2 18.2#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#25

Fluoranthene-d10

Concen: 0.072 ng

RT: 19.00 min Scan# 1860

Delta R.T. -0.00 min

Lab File: BN010595.D

Acq: 24 Apr 2020 19:01

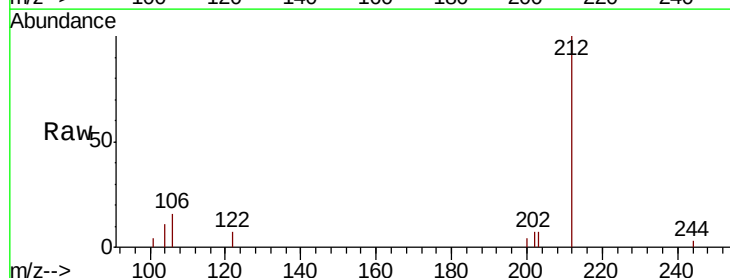
Tgt Ion:212 Resp: 4642

Ion Ratio Lower Upper

212 100

106 10.7 7.8 11.6

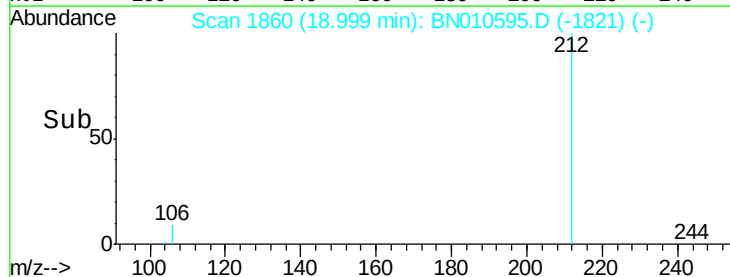
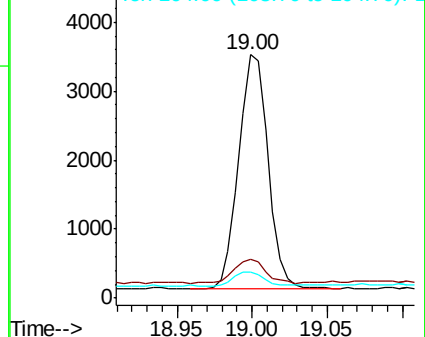
104 6.5 4.5 6.7

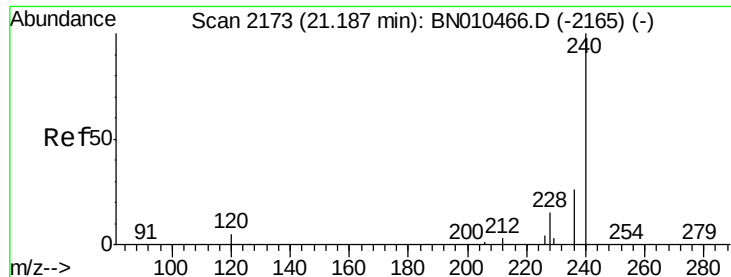


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

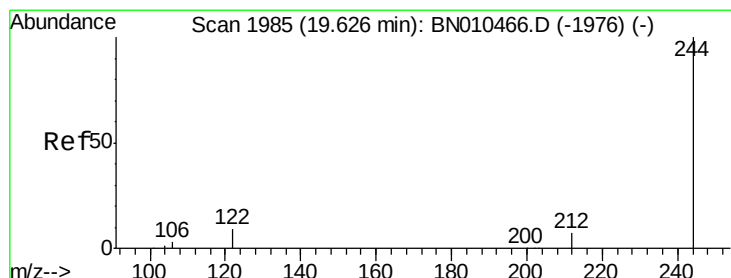
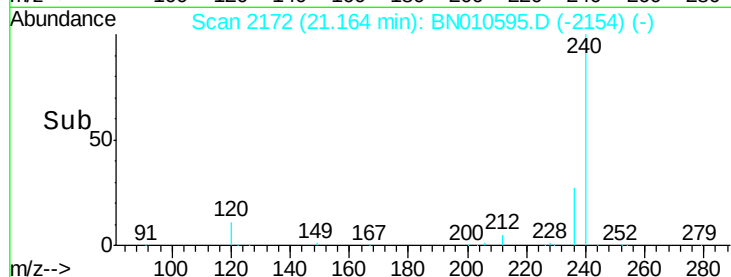
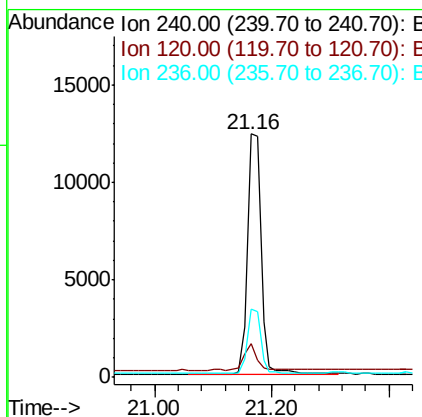
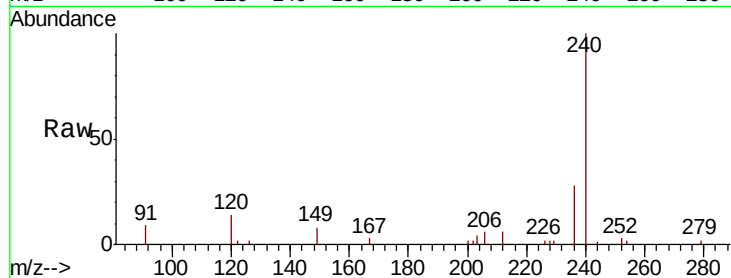




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.16 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BN010595.D
Acq: 24 Apr 2020 19:01

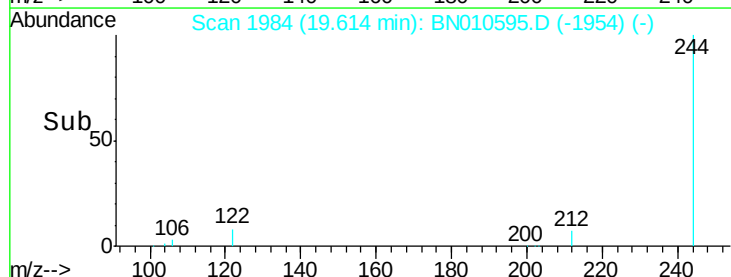
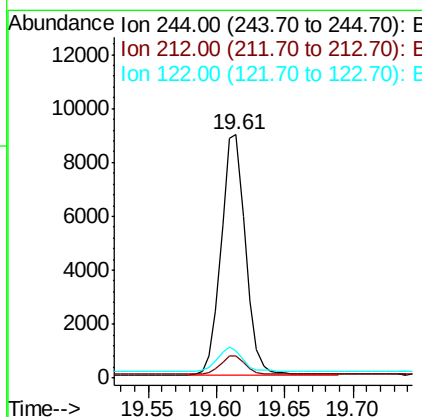
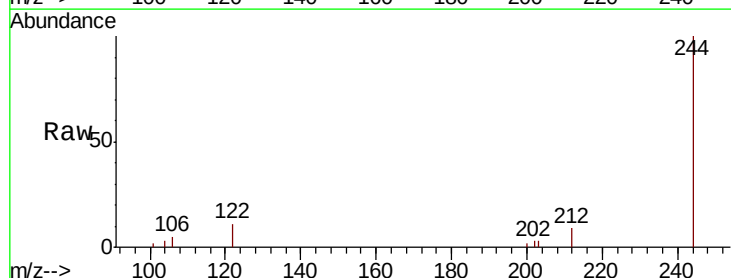
Instrument :
BNA_N
ClientSampleId :
WB-TWP-1

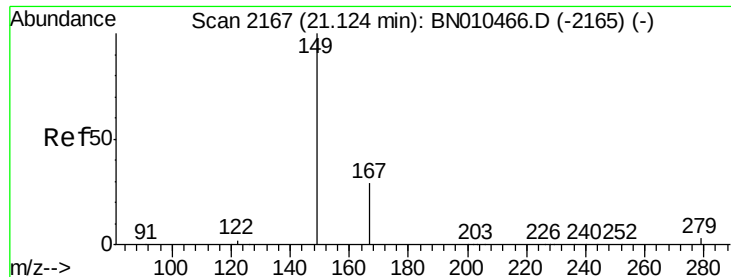
Tot Ion:240 Resp: 19933
Ion Ratio Lower Upper
240 100
120 13.9 4.8 7.2#
236 28.3 21.4 32.0



#29
Terphenyl-d14
Concen: 0.243 ng
RT: 19.61 min Scan# 1984
Delta R.T. 0.00 min
Lab File: BN010595.D
Acq: 24 Apr 2020 19:01

Tgt Ion:244 Resp: 11077
Ion Ratio Lower Upper
244 100
212 9.1 6.2 9.4
122 11.0 7.8 11.8





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.159 ng

RT: 21.11 min Scan# 2167

Delta R.T. 0.00 min

Lab File: BN010595.D

Acq: 24 Apr 2020 19:01

Instrument :

BNA_N

ClientSampleId :

WB-TWP-1

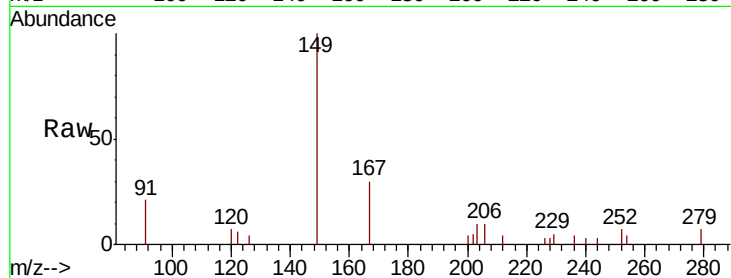
Tot Ion:149 Resp: 5314

Ion Ratio Lower Upper

149 100

167 28.1 23.4 35.0

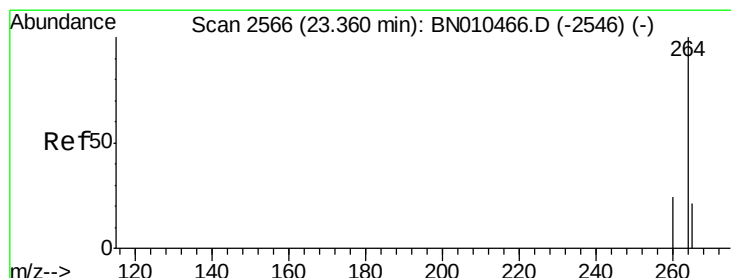
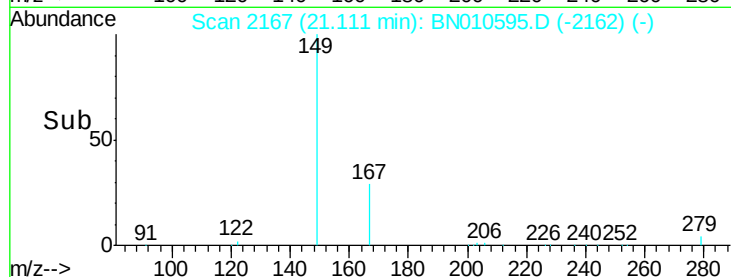
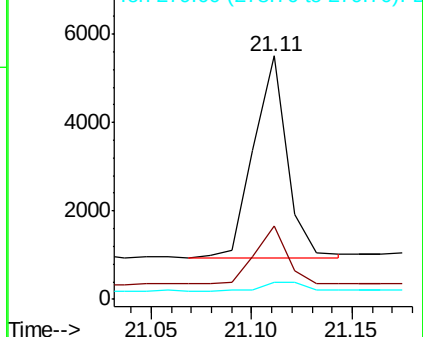
279 5.2 4.0 6.0



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

Perylene-d12

Concen: 0.400 ng

RT: 23.34 min Scan# 2561

Delta R.T. -0.00 min

Lab File: BN010595.D

Acq: 24 Apr 2020 19:01

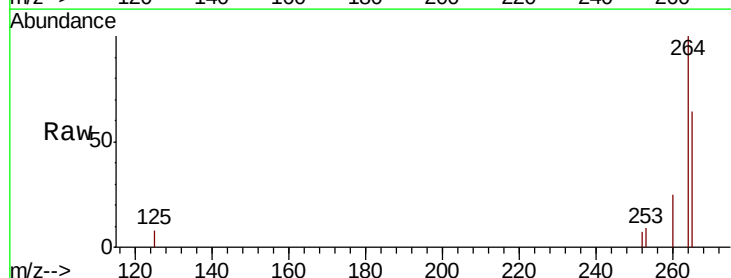
Tgt Ion:264 Resp: 17731

Ion Ratio Lower Upper

264 100

260 25.0 19.8 29.8

265 63.8 42.3 63.5#



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

