

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN042420\
 Data File : BN010589.D
 Acq On : 24 Apr 2020 15:18
 Operator : CG/JU
 Sample : L2330-19
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 WB-TWP-2

Quant Time: Apr 24 16:02:19 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	4047	0.40	ng	0.00
7) Naphthalene-d8	10.35	136	16531	0.40	ng	0.00
13) Acenaphthene-d10	14.22	164	11157	0.40	ng	0.00
19) Phenanthrene-d10	16.96	188	24182	0.40	ng	0.00
27) Chrysene-d12	21.17	240	21122	0.40	ng	0.00
34) Perylene-d12	23.34	264	19343	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.24	112	1591	0.18	ng	0.00
5) Phenol-d6	6.78	99	1277	0.11	ng	0.00
8) Nitrobenzene-d5	8.72	82	4368	0.38	ng	-0.01
11) 2-Methylnaphthalene-d10	11.94	152	9625	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.71	330	2605	0.50	ng	0.00
15) 2-Fluorobiphenyl	12.84	172	16817	0.41	ng	0.00
25) Fluoranthene-d10	19.00	212	26029	0.35	ng	0.00
29) Terphenyl-d14	19.62	244	36780	0.76	ng	0.00

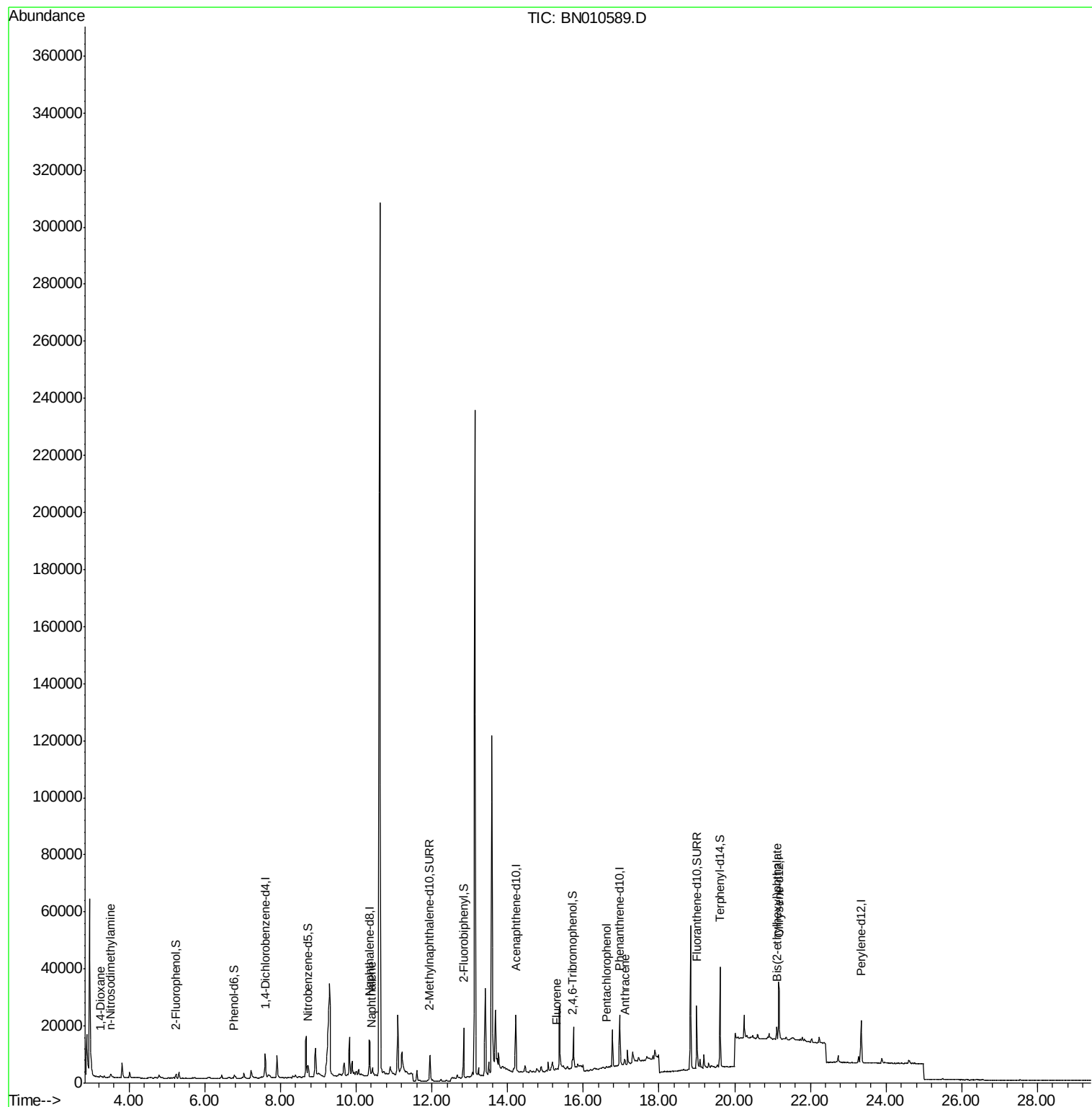
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.24	88	384	0.129	ng	# 47
3) n-Nitrosodimethylamine	3.51	42	1148	0.594	ng	# 1
9) Naphthalene	10.39	128	1918	0.047	ng	# 76
18) Fluorene	15.29	166	1228	0.030	ng	# 9
22) Pentachlorophenol	16.62	266	167	0.028	ng	# 82
24) Anthracene	17.10	178	2072	0.035	ng	# 60
32) Bis(2-ethylhexyl)phthalate	21.11	149	3895	0.110	ng	# 98

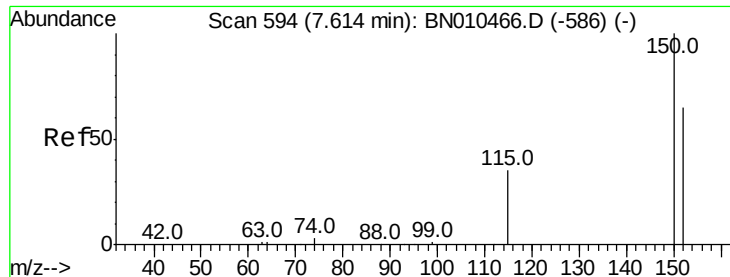
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BN010589.D

Acq: 24 Apr 2020 15:18

Instrument :

BNA_N

ClientSampleId :

WB-TWP-2

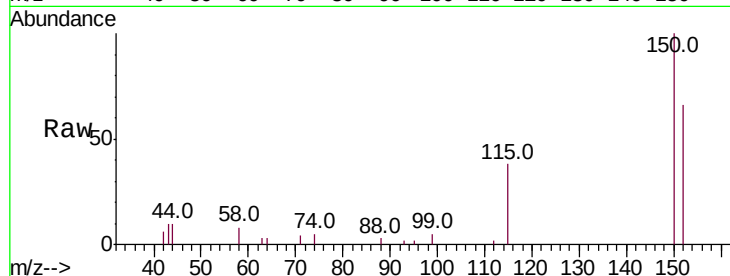
Tot Ion:152 Resp: 4047

Ion Ratio Lower Upper

152 100

150 151.7 121.8 182.6

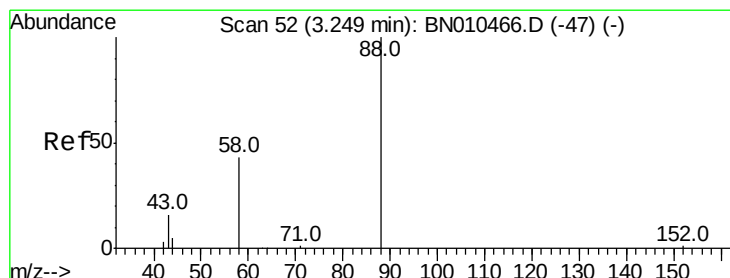
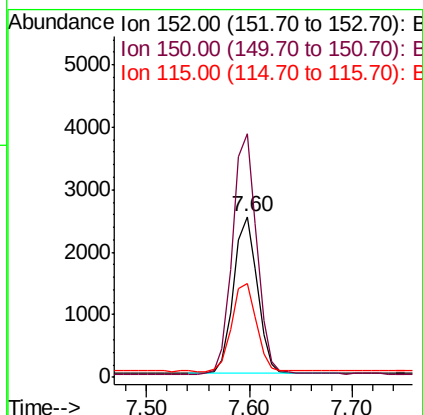
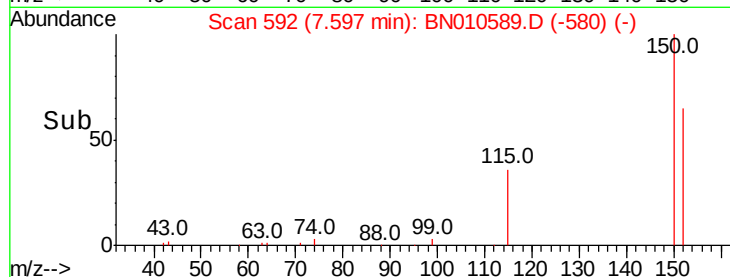
115 58.4 45.5 68.3



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: 0.129 ng

RT: 3.24 min Scan# 51

Delta R.T. -0.01 min

Lab File: BN010589.D

Acq: 24 Apr 2020 15:18

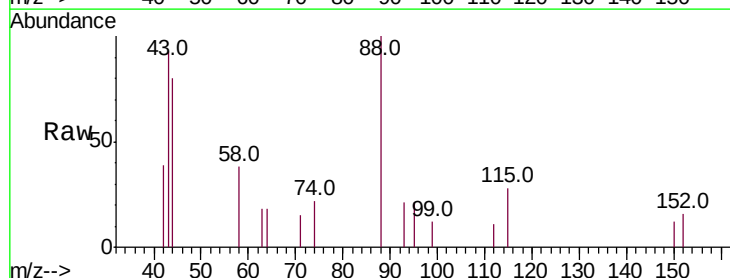
Tgt Ion: 88 Resp: 384

Ion Ratio Lower Upper

88 100

58 46.4 36.5 54.7

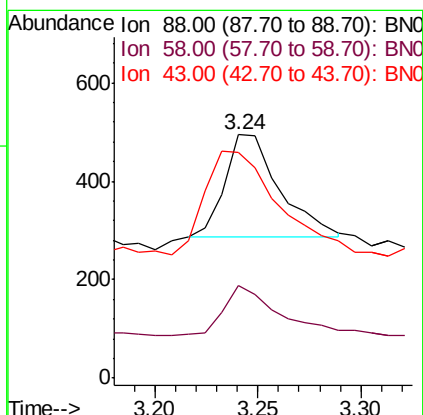
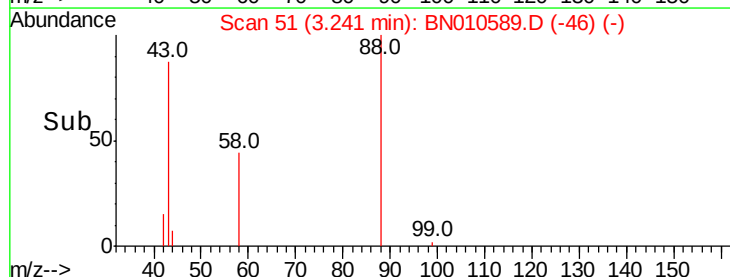
43 100.3 13.2 19.8#

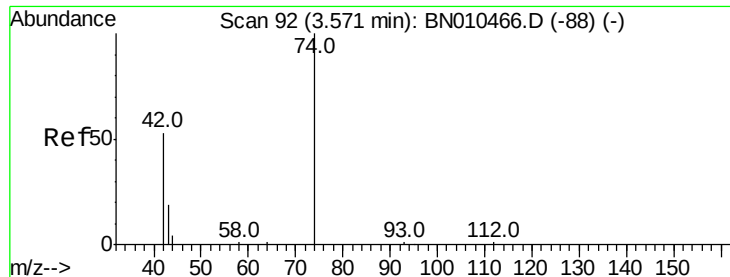


Abundance Ion 88.00 (87.70 to 88.70): BN0

Ion 58.00 (57.70 to 58.70): BN0

Ion 43.00 (42.70 to 43.70): BN0





#3

n-Nitrosodimethylamine

Concen: 0.594 ng

RT: 3.51 min Scan# 84

Delta R.T. -0.06 min

Lab File: BN010589.D

Acq: 24 Apr 2020 15:18

Instrument :

BNA_N

ClientSampleId :

WB-TWP-2

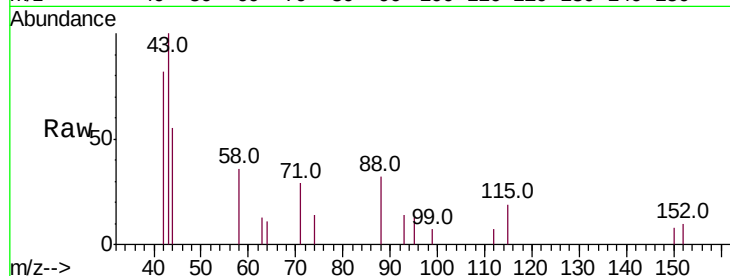
Tot Ion: 42 Resp: 1148

Ion Ratio Lower Upper

42 100

74 0.0 162.2 243.4#

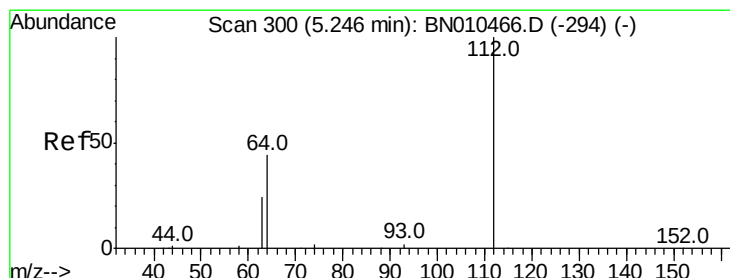
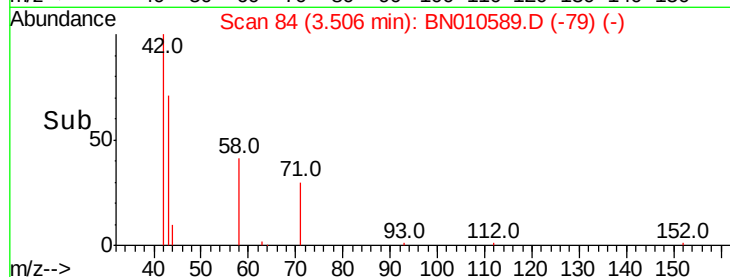
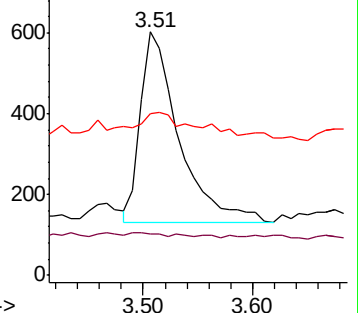
44 13.3 2.4 3.6#



Abundance Ion 42.00 (41.70 to 42.70): BN010466.D (-88) (-)

Ion 74.00 (73.70 to 74.70): BN010466.D (-88) (-)

Ion 44.00 (43.70 to 44.70): BN010466.D (-88) (-)



#4

2-Fluorophenol

Concen: 0.180 ng

RT: 5.24 min Scan# 299

Delta R.T. 0.00 min

Lab File: BN010589.D

Acq: 24 Apr 2020 15:18

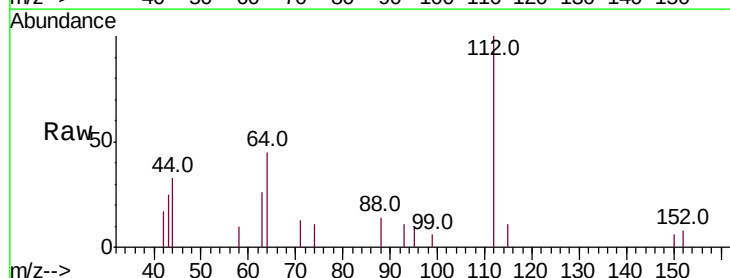
Tgt Ion: 112 Resp: 1591

Ion Ratio Lower Upper

112 100

64 43.5 35.8 53.8

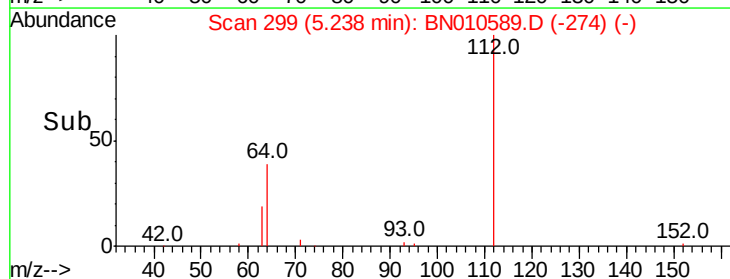
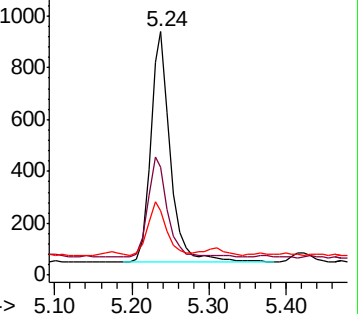
63 22.4 19.9 29.9

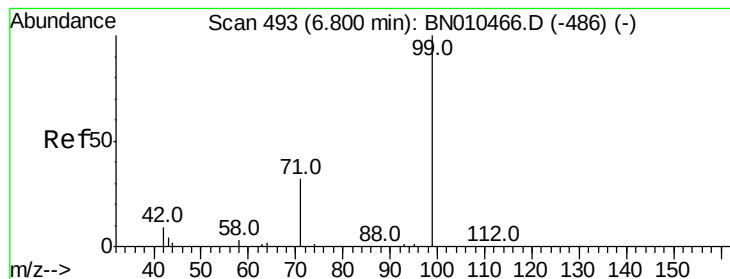


Abundance Ion 112.00 (111.70 to 112.70): BN010466.D (-294) (-)

Ion 64.00 (63.70 to 64.70): BN010466.D (-294) (-)

Ion 63.00 (62.70 to 63.70): BN010466.D (-294) (-)





#5

Phenol-d6

Concen: 0.110 ng

RT: 6.78 min Scan# 491

Delta R.T. 0.00 min

Lab File: BN010589.D

Acq: 24 Apr 2020 15:18

Instrument :

BNA_N

ClientSampleId :

WB-TWP-2

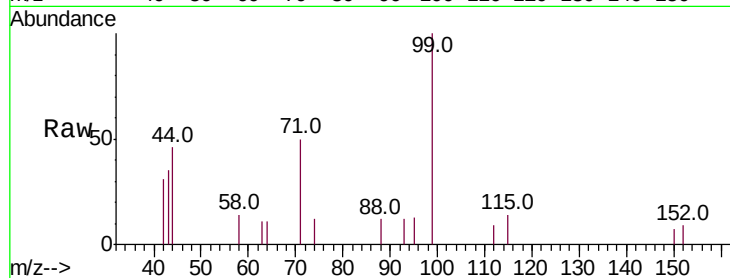
Tot Ion: 99 Resp: 1277

Ion Ratio Lower Upper

99 100

42 17.3 9.8 14.6#

71 48.0 27.8 41.8#



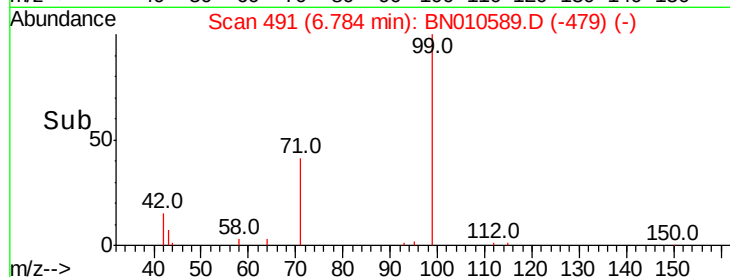
Abundance Ion 99.00 (98.70 to 99.70): BN010466.D (-486) (-)

Ion 42.00 (41.70 to 42.70): BN010466.D (-486) (-)

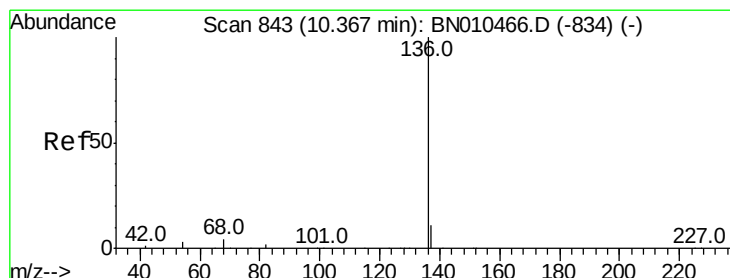
Ion 71.00 (70.70 to 71.70): BN010466.D (-486) (-)

6.78

Time-->



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.35 min Scan# 842

Delta R.T. 0.00 min

Lab File: BN010589.D

Acq: 24 Apr 2020 15:18

Tgt Ion: 136 Resp: 16531

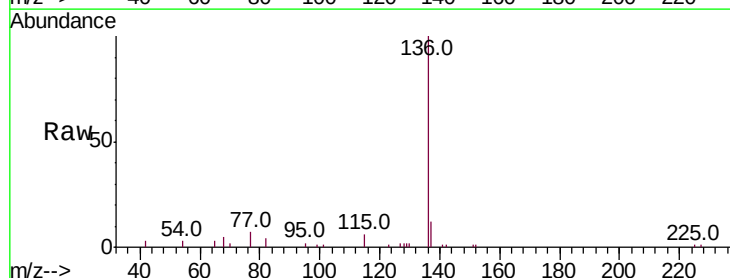
Ion Ratio Lower Upper

136 100

137 11.8 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): BN010466.D (-834) (-)

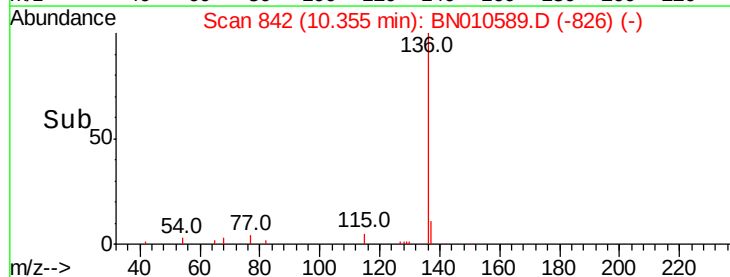
Ion 137.00 (136.70 to 137.70): BN010466.D (-834) (-)

Ion 54.00 (53.70 to 54.70): BN010466.D (-834) (-)

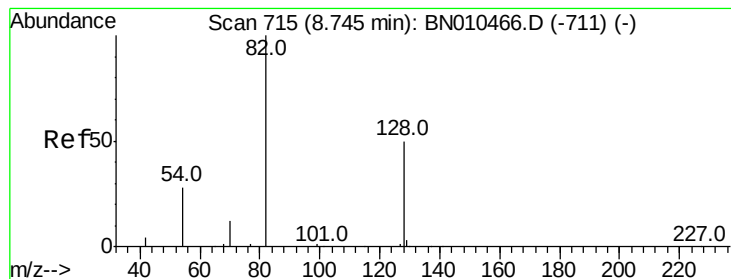
Ion 68.00 (67.70 to 68.70): BN010466.D (-834) (-)

10.35

Time-->



Time-->



#8

Nitrobenzene-d5

Concen: 0.378 ng

RT: 8.72 min Scan# 713

Delta R.T. -0.01 min

Lab File: BN010589.D

Acq: 24 Apr 2020 15:18

Instrument :

BNA_N

ClientSampleId :

WB-TWP-2

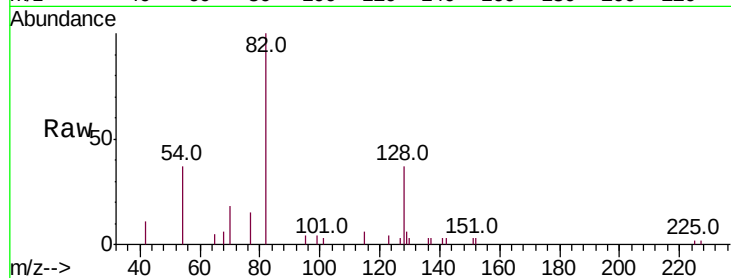
Tot Ion: 82 Resp: 4368

Ion Ratio Lower Upper

82 100

128 37.2 41.3 61.9#

54 37.0 23.4 35.0#



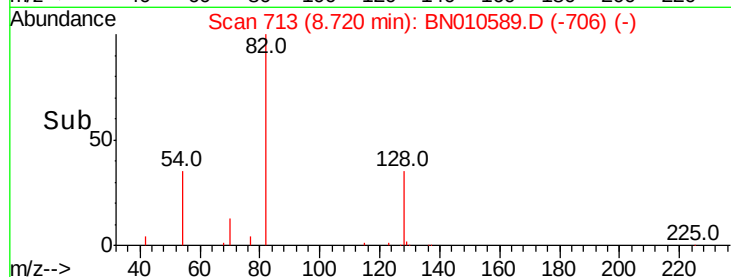
Abundance Ion 82.00 (81.70 to 82.70): BN010466.D (-711) (-)

Ion 128.00 (127.70 to 128.70): BN010466.D (-711) (-)

Ion 54.00 (53.70 to 54.70): BN010466.D (-711) (-)

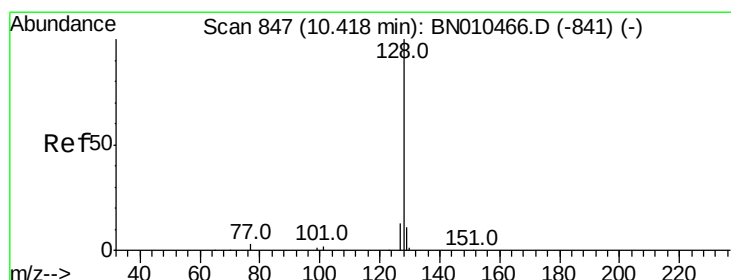
8.72

Time-->



8.72

Time-->



#9

Naphthalene

Concen: 0.047 ng

RT: 10.39 min Scan# 845

Delta R.T. 0.00 min

Lab File: BN010589.D

Acq: 24 Apr 2020 15:18

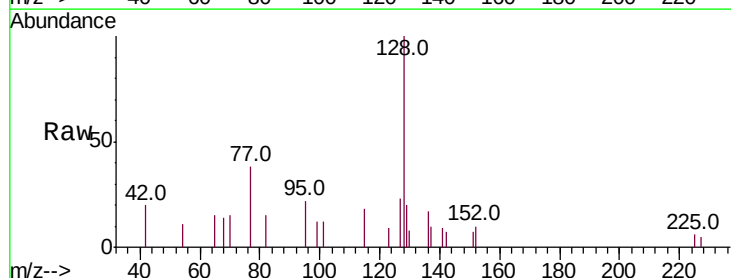
Tgt Ion: 128 Resp: 1918

Ion Ratio Lower Upper

128 100

129 20.0 9.3 13.9#

127 23.4 10.5 15.7#



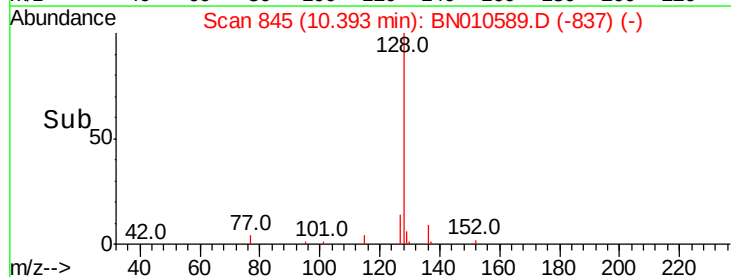
Abundance Ion 128.00 (127.70 to 128.70): BN010466.D (-841) (-)

Ion 129.00 (128.70 to 129.70): BN010466.D (-841) (-)

Ion 127.00 (126.70 to 127.70): BN010466.D (-841) (-)

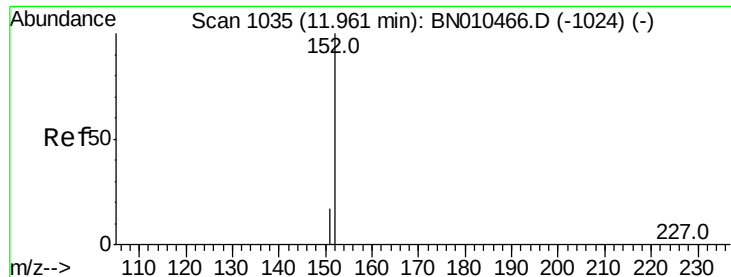
10.39

Time-->



10.39

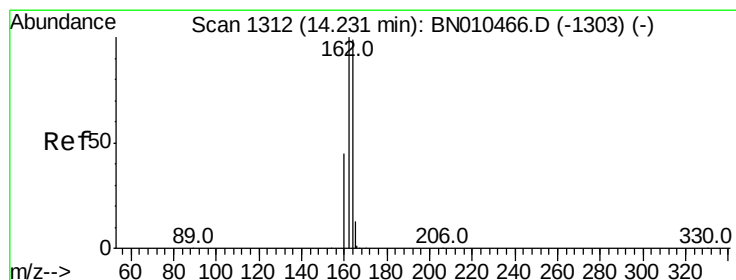
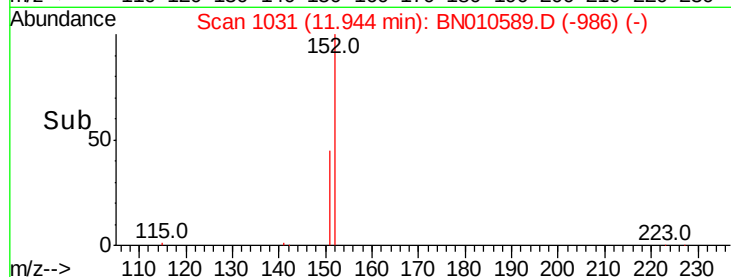
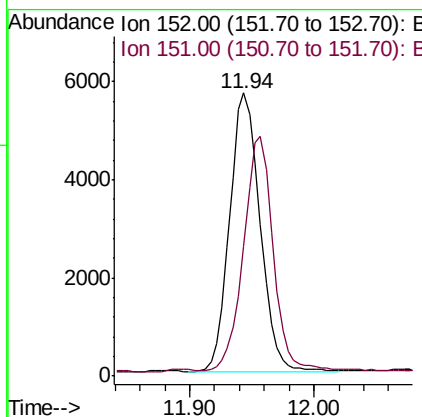
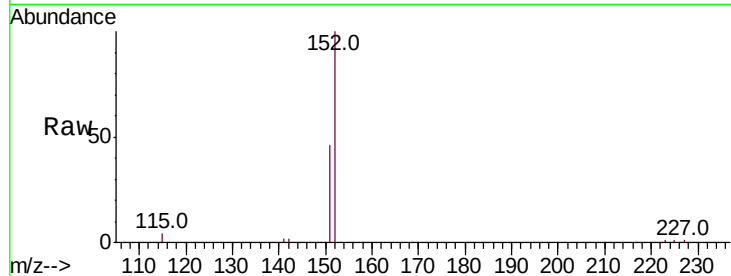
Time-->



#11
2-Methylnaphthalene-d10
Concen: 0.354 ng
RT: 11.94 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BN010589.D
Acq: 24 Apr 2020 15:18

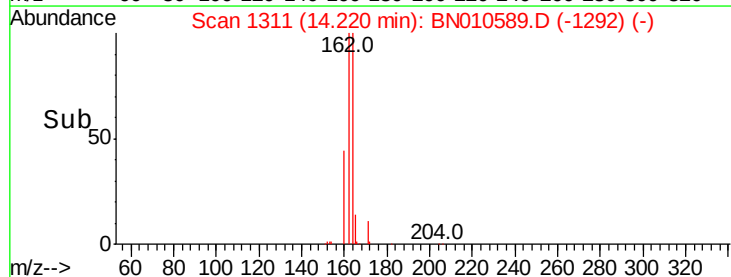
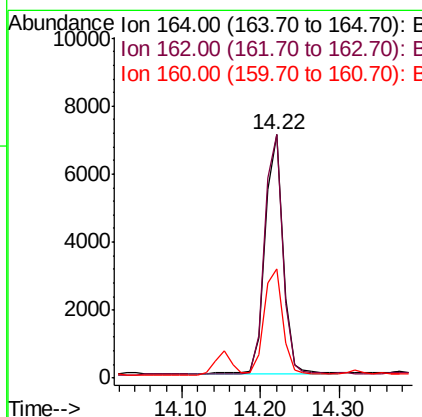
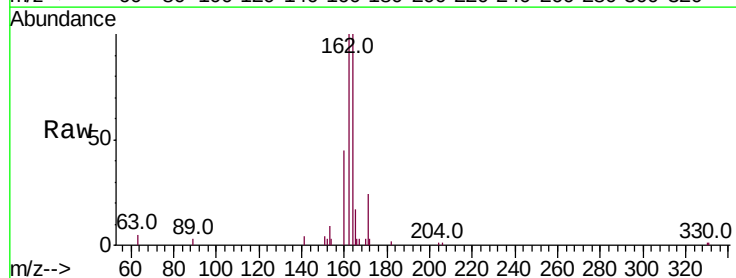
Instrument :
BNA_N
ClientSampleId :
WB-TWP-2

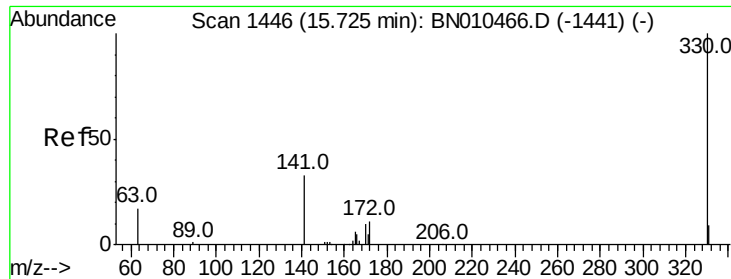
Tot Ion:152 Resp: 9625
Ion Ratio Lower Upper
152 100
151 83.6 15.3 22.9#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.22 min Scan# 1311
Delta R.T. 0.01 min
Lab File: BN010589.D
Acq: 24 Apr 2020 15:18

Tgt Ion:164 Resp: 11157
Ion Ratio Lower Upper
164 100
162 99.9 80.6 121.0
160 44.6 36.5 54.7

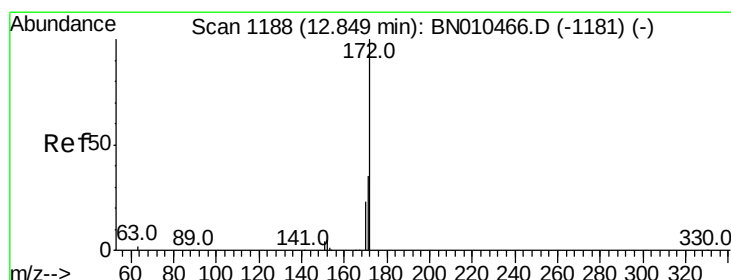
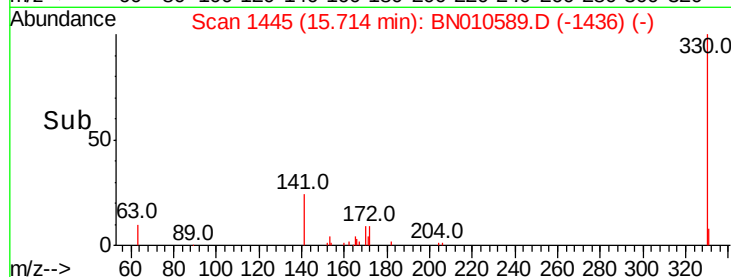
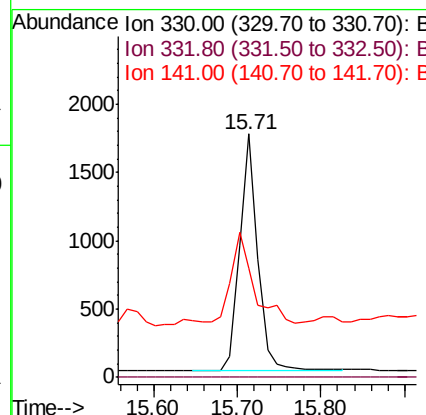
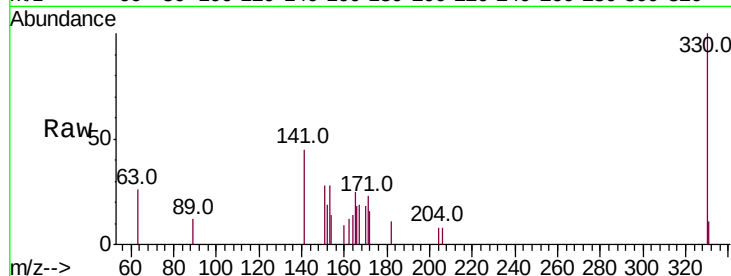




#14
 2,4,6-Tribromophenol
 Concen: 0.495 ng
 RT: 15.71 min Scan# 1445
 Delta R.T. -0.00 min
 Lab File: BN010589.D
 Acq: 24 Apr 2020 15:18

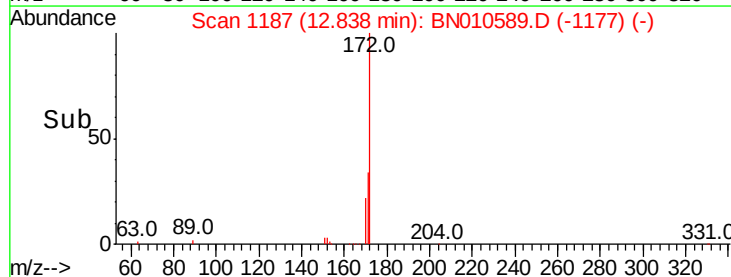
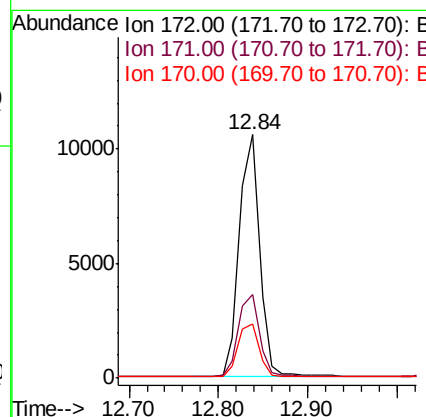
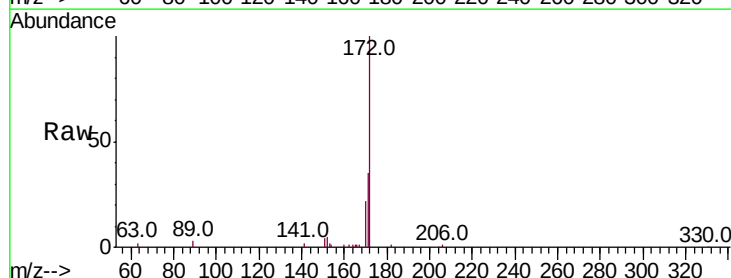
Instrument :
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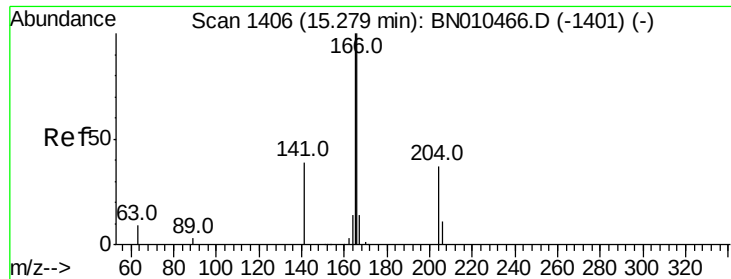
Tot Ion:330 Resp: 2605
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 45.9 28.1 42.1#



#15
 2-Fluorobiphenyl
 Concen: 0.414 ng
 RT: 12.84 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BN010589.D
 Acq: 24 Apr 2020 15:18

Tgt Ion:172 Resp: 16817
 Ion Ratio Lower Upper
 172 100
 171 34.5 28.2 42.2
 170 22.1 18.4 27.6

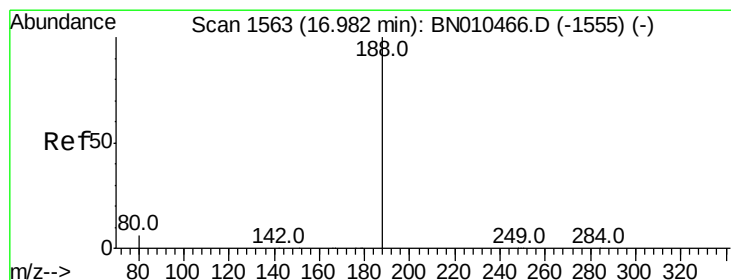
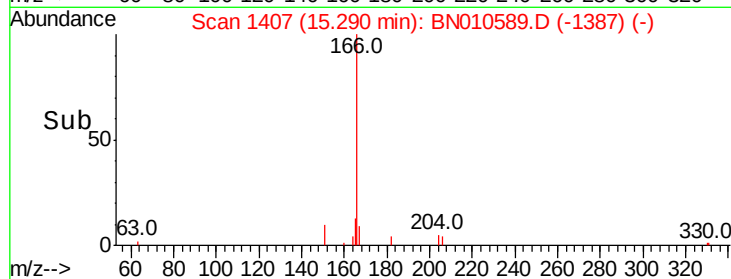
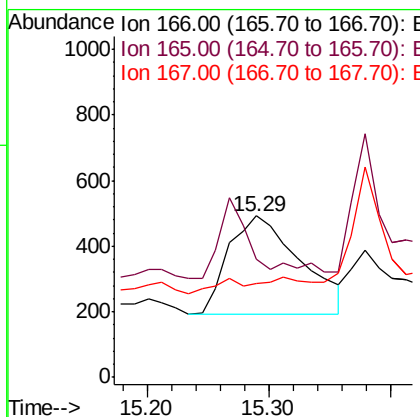
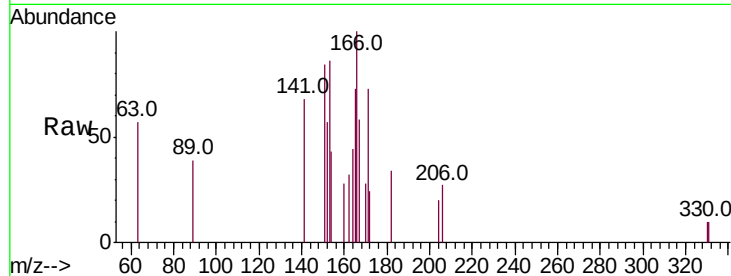




#18
 Fluorene
 Concen: 0.030 ng
 RT: 15.29 min Scan# 1407
 Delta R.T. 0.02 min
 Lab File: BN010589.D
 Acq: 24 Apr 2020 15:18

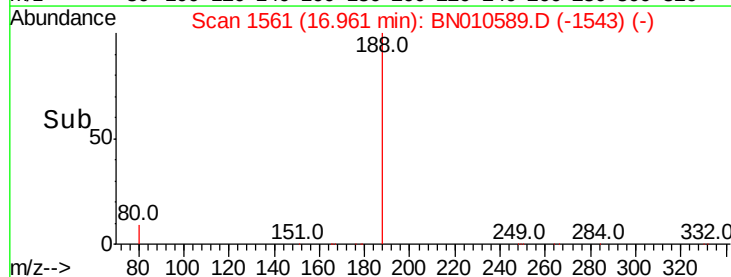
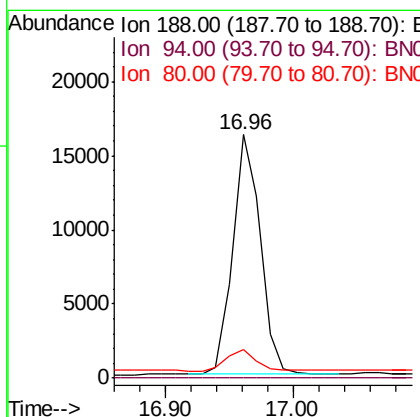
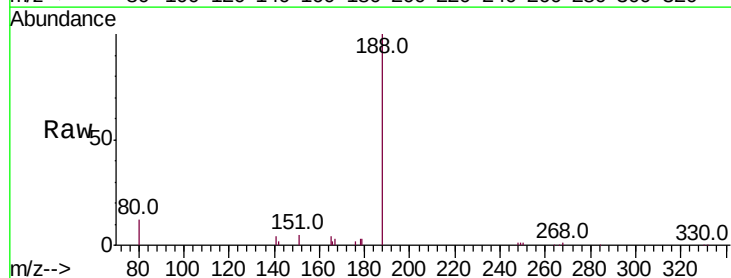
Instrument :
 BNA_N
 ClientSampled :
 WB-TWP-2

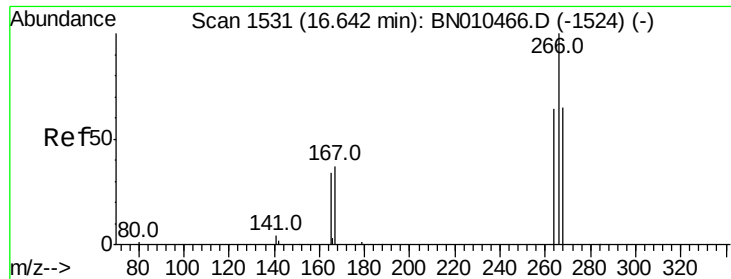
Tot Ion:166 Resp: 1228
 Ion Ratio Lower Upper
 166 100
 165 0.0 78.4 117.6#
 167 0.0 10.9 16.3#



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 16.96 min Scan# 1561
 Delta R.T. -0.00 min
 Lab File: BN010589.D
 Acq: 24 Apr 2020 15:18

Tgt Ion:188 Resp: 24182
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 11.9 5.0 7.6#

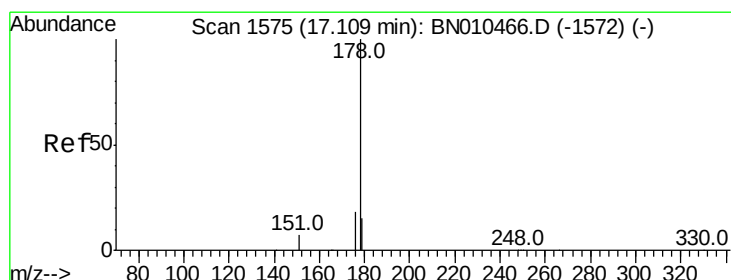
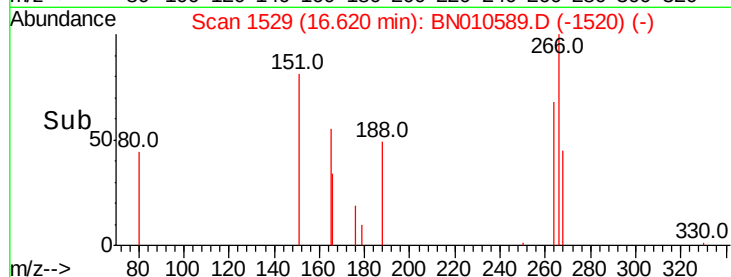
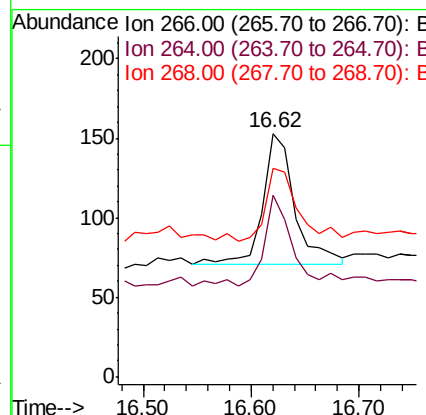
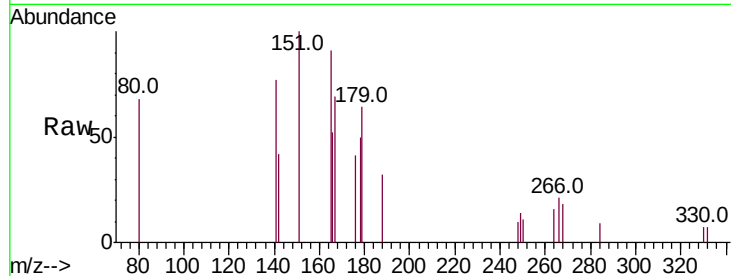




#22
 Pentachlorophenol
 Concen: 0.028 ng
 RT: 16.62 min Scan# 1529
 Delta R.T. -0.00 min
 Lab File: BN010589.D
 Acq: 24 Apr 2020 15:18

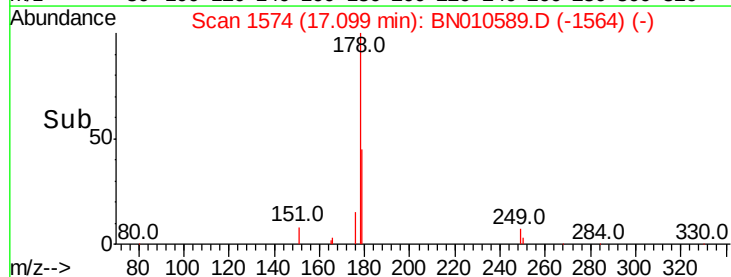
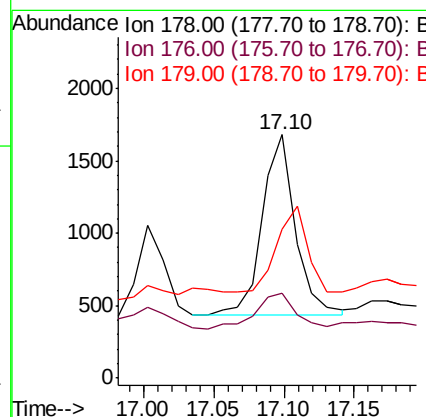
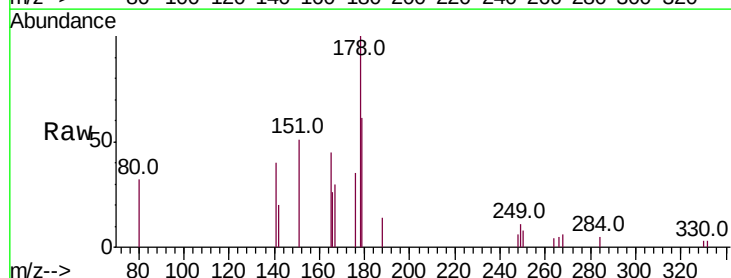
Instrument :
 BNA_N
 ClientSampleId :
 WB-TWP-2

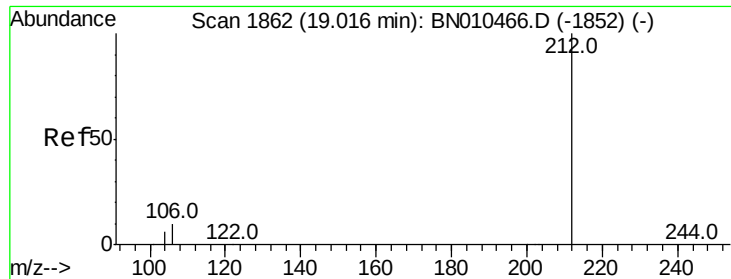
Tot Ion:266 Resp: 167
 Ion Ratio Lower Upper
 266 100
 264 74.5 51.8 77.6
 268 85.6 53.7 80.5#



#24
 Anthracene
 Concen: 0.035 ng
 RT: 17.10 min Scan# 1574
 Delta R.T. 0.01 min
 Lab File: BN010589.D
 Acq: 24 Apr 2020 15:18

Tgt Ion:178 Resp: 2072
 Ion Ratio Lower Upper
 178 100
 176 24.9 14.6 21.8#
 179 44.3 12.2 18.2#





#25

Fluoranthene-d10

Concen: 0.355 ng

RT: 19.00 min Scan# 1859

Delta R.T. -0.00 min

Lab File: BN010589.D

Acq: 24 Apr 2020 15:18

Instrument :

BNA_N

ClientSampleId :

WB-TWP-2

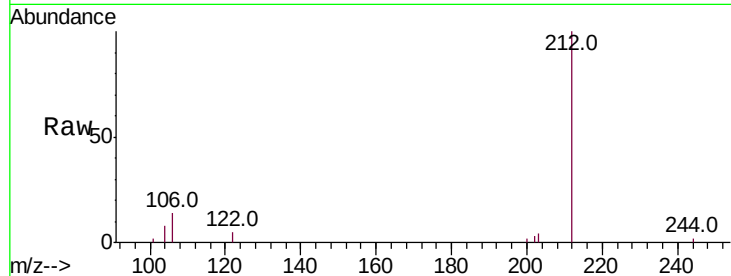
Tot Ion:212 Resp: 26029

Ion Ratio Lower Upper

212 100

106 10.4 7.8 11.6

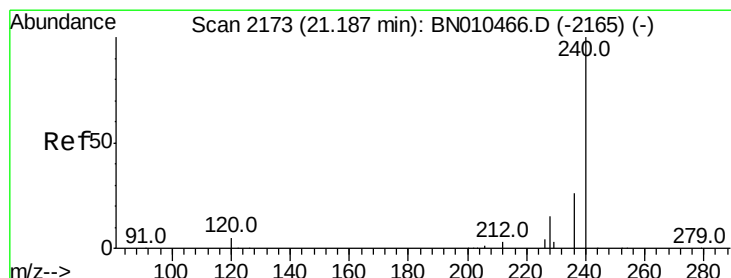
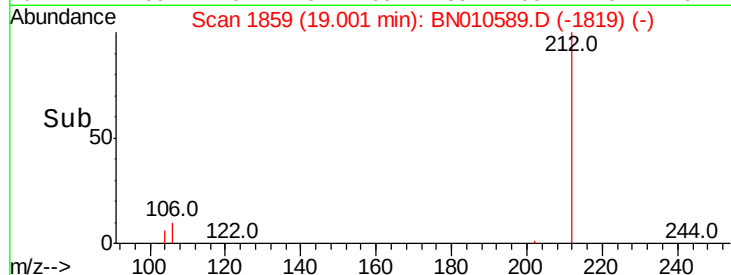
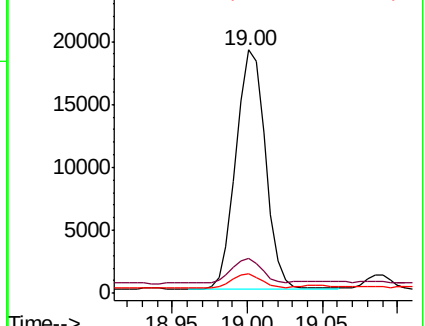
104 5.8 4.5 6.7



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# 2171

Delta R.T. -0.01 min

Lab File: BN010589.D

Acq: 24 Apr 2020 15:18

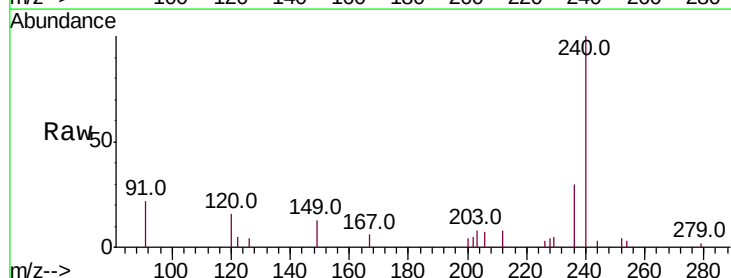
Tgt Ion:240 Resp: 21122

Ion Ratio Lower Upper

240 100

120 15.6 4.8 7.2#

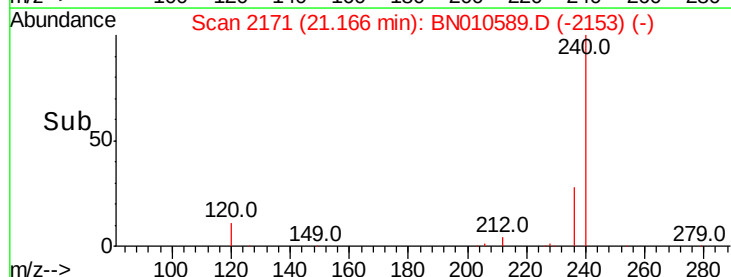
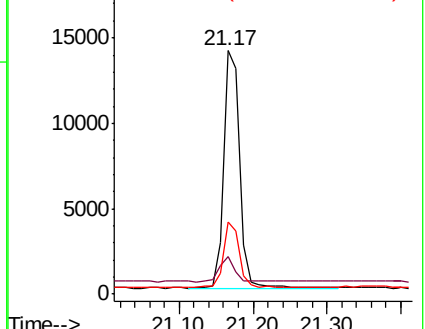
236 29.8 21.4 32.0

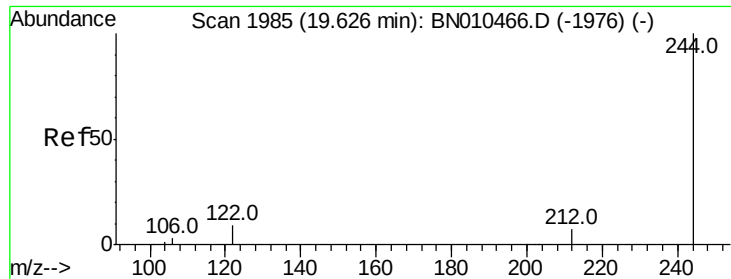


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.761 ng

RT: 19.62 min Scan# 1983

Delta R.T. 0.00 min

Lab File: BN010589.D

Acq: 24 Apr 2020 15:18

Instrument :

BNA_N

ClientSampleId :

WB-TWP-2

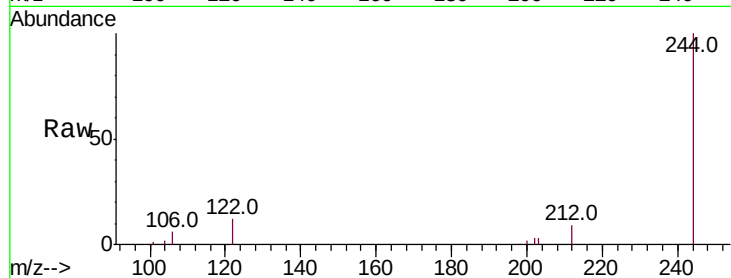
Tot Ion:244 Resp: 36780

Ion Ratio Lower Upper

244 100

212 8.5 6.2 9.4

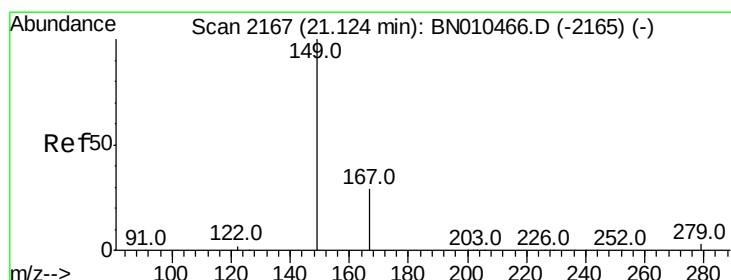
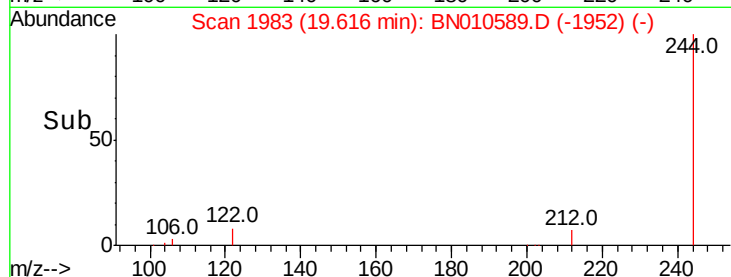
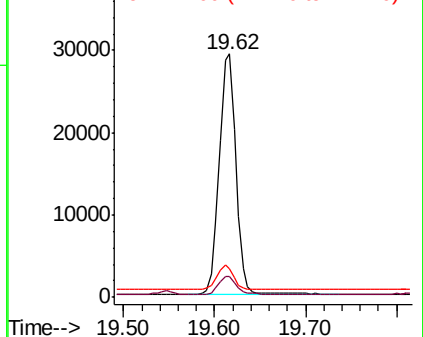
122 11.8 7.8 11.8#



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: 0.110 ng

RT: 21.11 min Scan# 2166

Delta R.T. 0.00 min

Lab File: BN010589.D

Acq: 24 Apr 2020 15:18

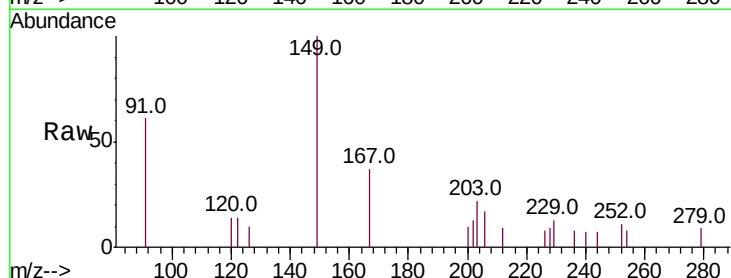
Tgt Ion:149 Resp: 3895

Ion Ratio Lower Upper

149 100

167 30.1 23.4 35.0

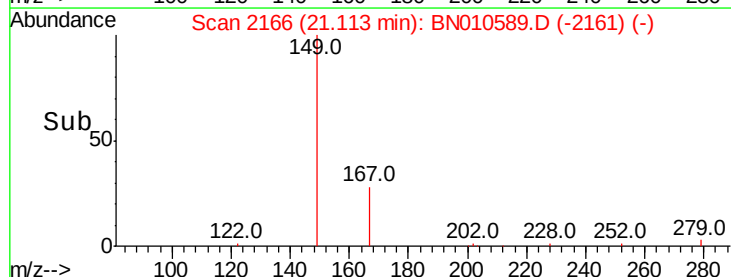
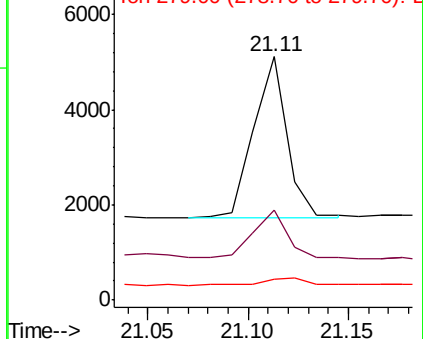
279 6.4 4.0 6.0#

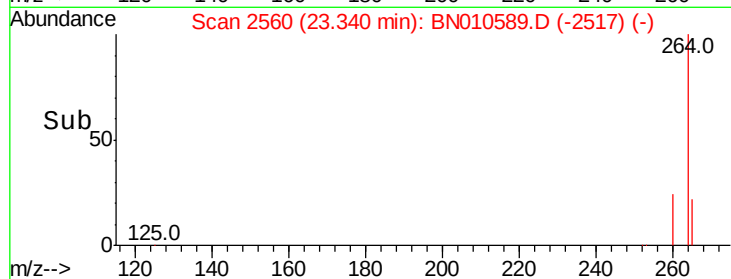
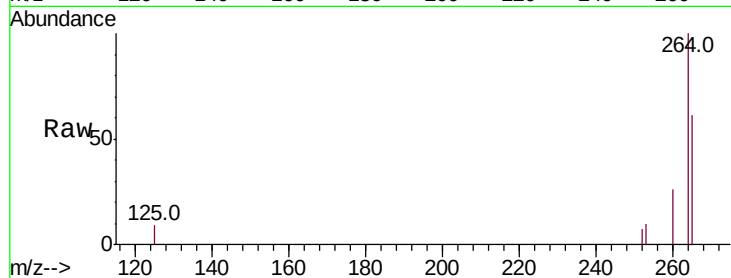
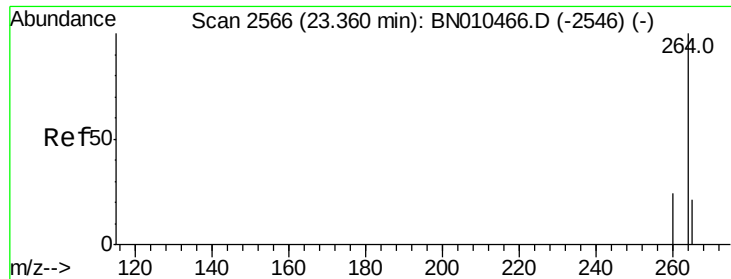


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlone-d12

Concen: 0.400 ng

RT: 23.34 min Scan# 2560

Delta R.T. -0.00 min

Lab File: BN010589.D

Acq: 24 Apr 2020 15:18

Instrument :

BNA_N

ClientSampleId :

WB-TWP-2

Tot Ion:264 Resp: 19343

Ion Ratio Lower Upper

264 100

260 25.7 19.8 29.8

265 61.1 42.3 63.5

