

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 16:06:12 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

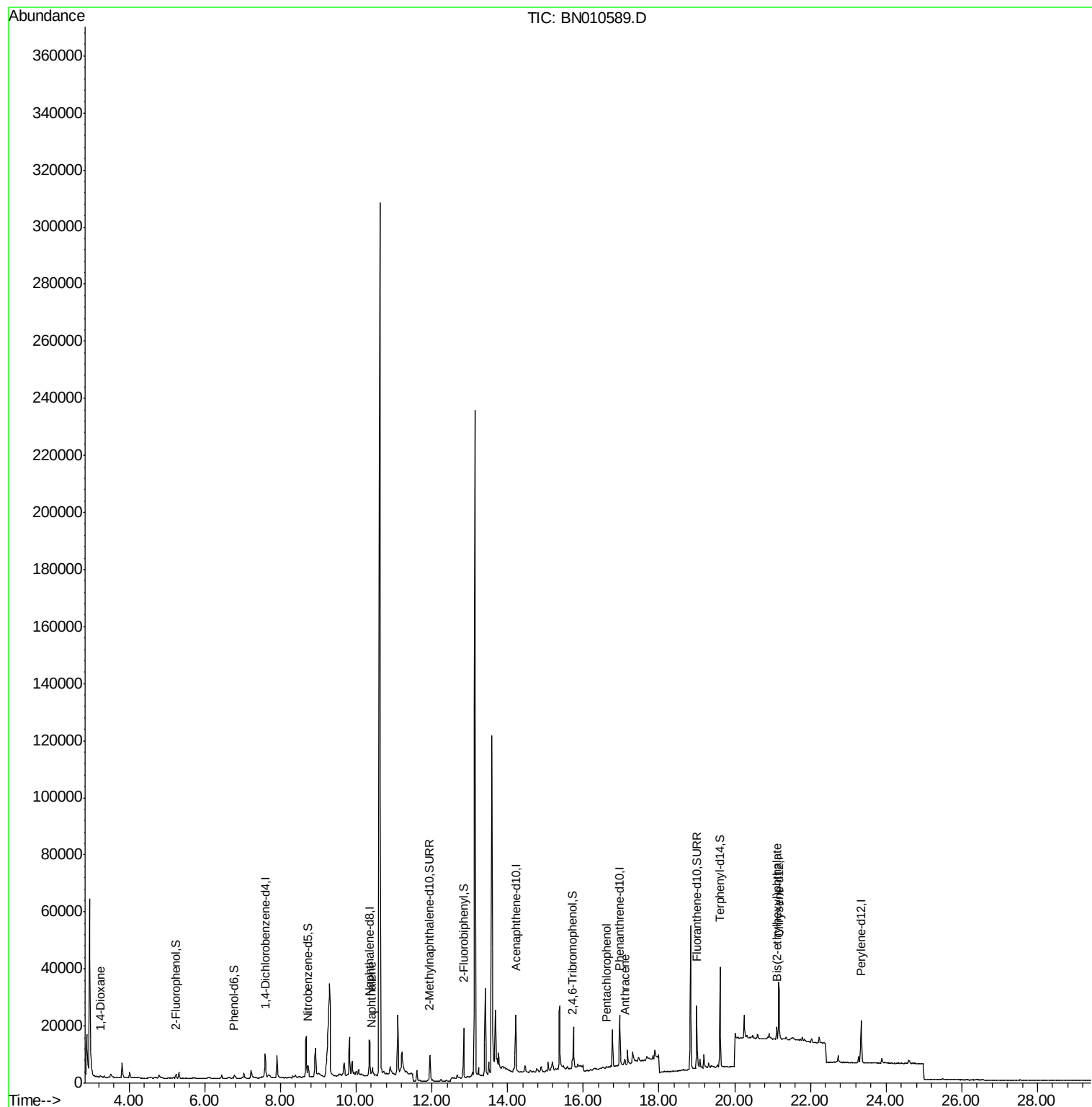
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.24	88	384	0.129	ng	# 47
9) Naphthalene	10.39	128	1918	0.047	ng	# 76
22) Pentachlorophenol	16.62	266	167	0.028	ng	# 82
24) Anthracene	17.10	178	2072	0.035	ng	# 60
32) Bis(2-ethylhexyl)phthalate	21.11	149	3895	0.110	ng	# 98

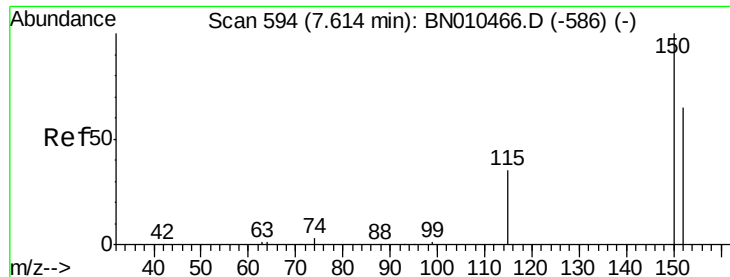
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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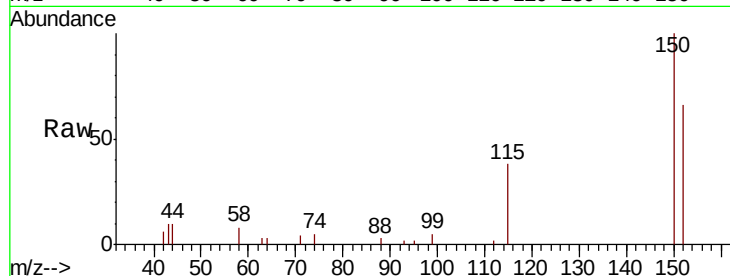


#1

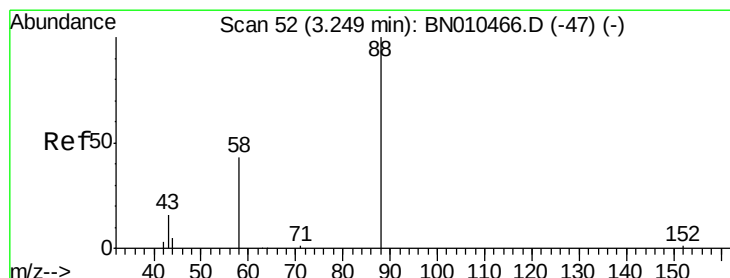
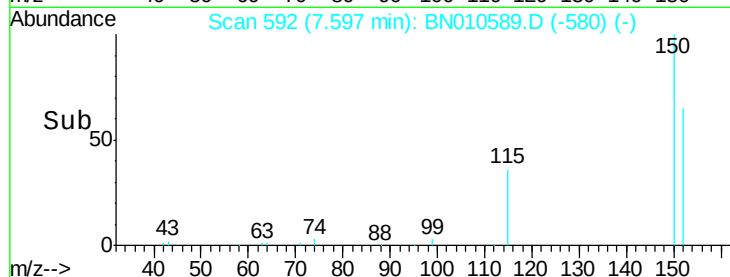
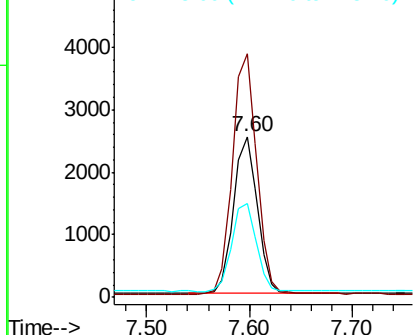
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.60 min Scan# 592
Delta R.T. 0.00 min
Lab File: BN010589.D
Acq: 24 Apr 2020 15:18

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



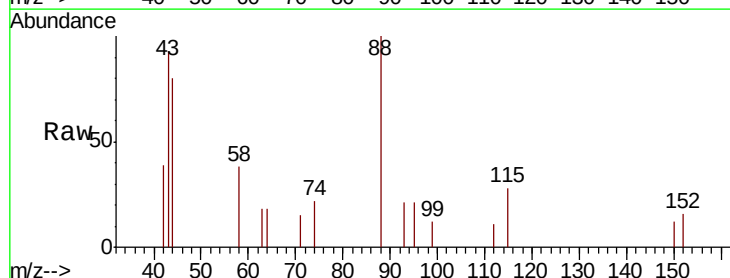
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



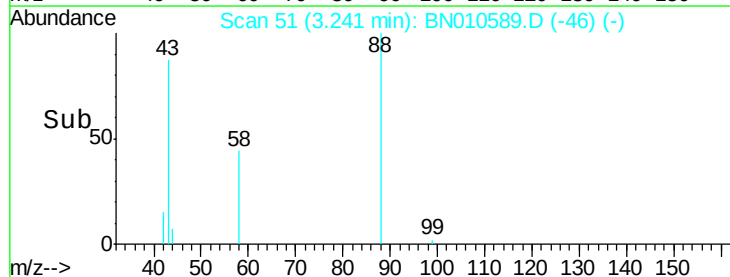
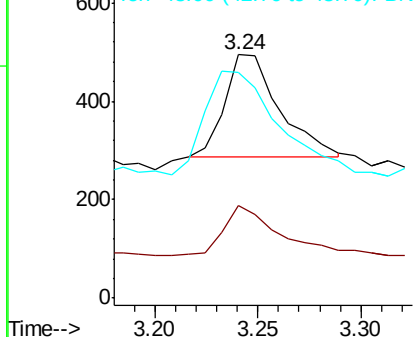
#2

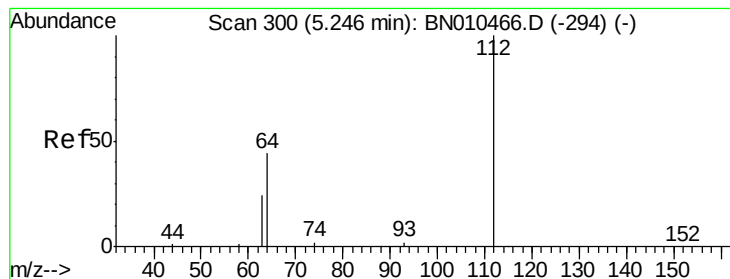
1,4-Dioxane
Concen: 0.129 ng
RT: 3.24 min Scan# 51
Delta R.T. -0.01 min
Lab File: BN010589.D
Acq: 24 Apr 2020 15:18

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





#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

Instrument :

BNA_N

ClientSampleId :

WB-TWP-2

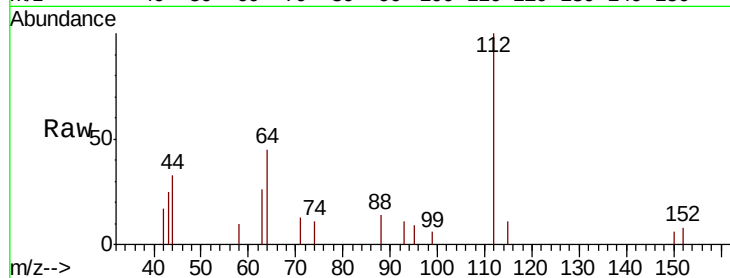
Tot Ion: 112 Resp: 1591

Ion Ratio Lower Upper

112 100

64 43.5 35.8 53.8

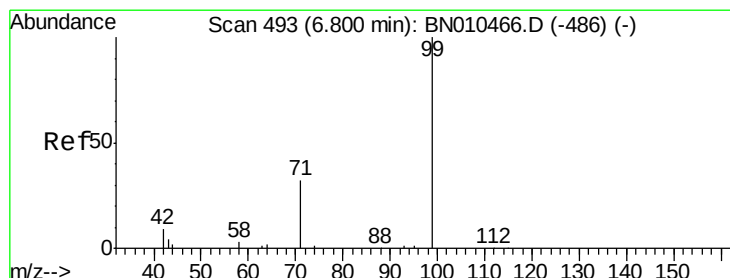
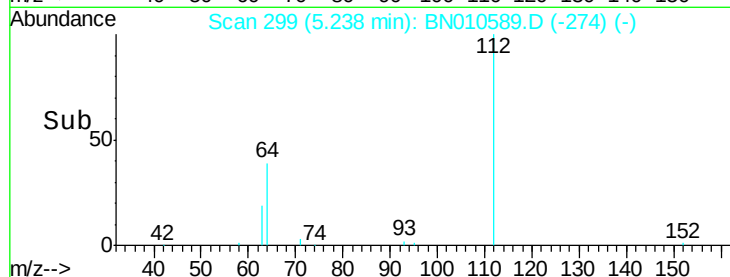
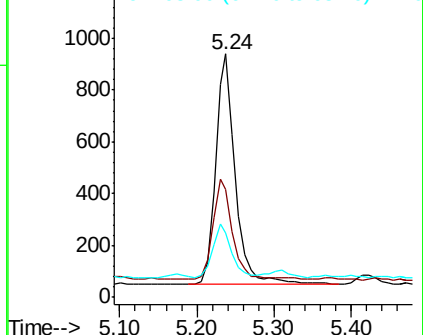
63 22.4 19.9 29.9



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#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

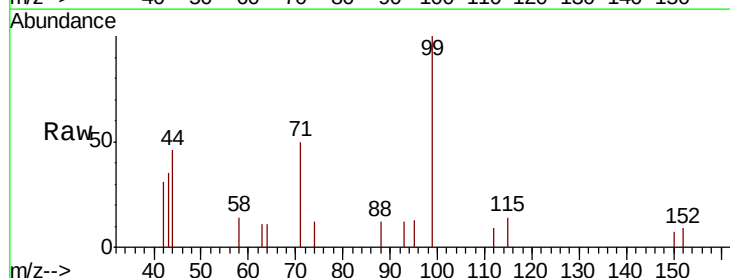
Tgt Ion: 99 Resp: 1277

Ion Ratio Lower Upper

99 100

42 17.3 9.8 14.6#

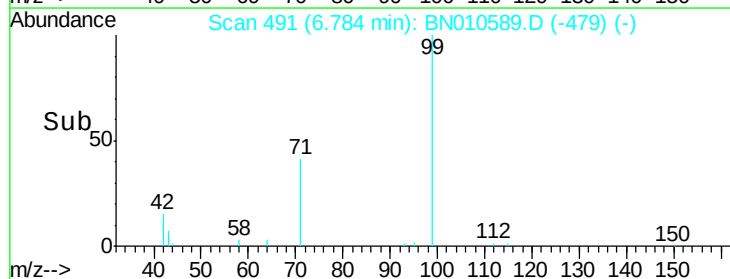
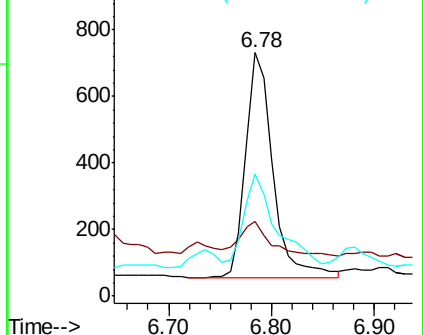
71 48.0 27.8 41.8#

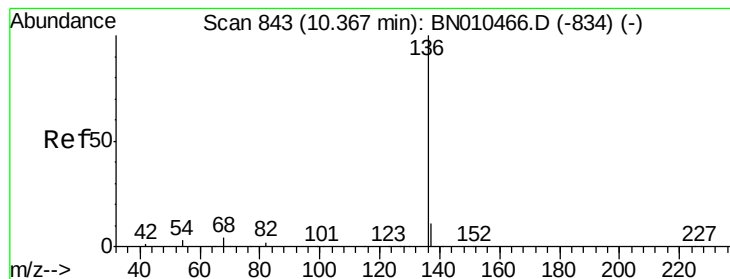


Abundance Ion 99.00 (98.70 to 99.70): B

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: BN010589.D

Acq: 24 Apr 2020 15:18

Instrument :

BNA_N

ClientSampleId :

WB-TWP-2

Tot Ion:136 Resp: 16531

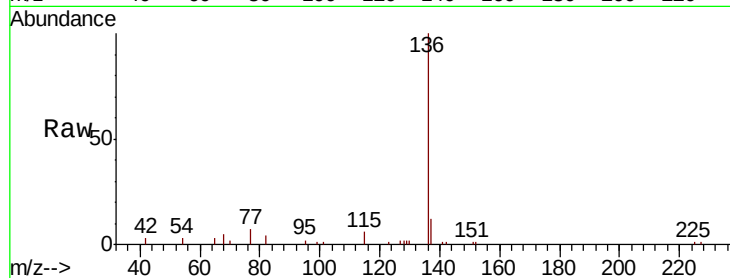
Ion Ratio Lower Upper

136 100

137 11.8 8.9 13.3

54 3.5 2.6 4.0

68 4.5 3.4 5.2

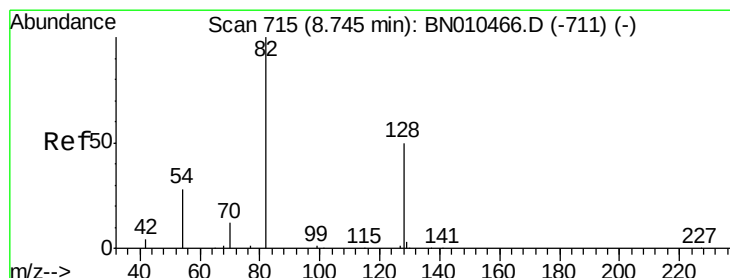
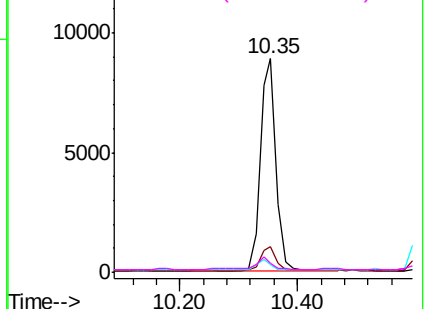
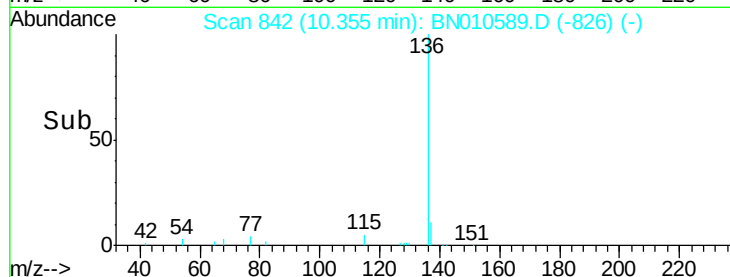


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.378 ng

RT: 8.72 min Scan# 713

Delta R.T. -0.01 min

Lab File: BN010589.D

Acq: 24 Apr 2020 15:18

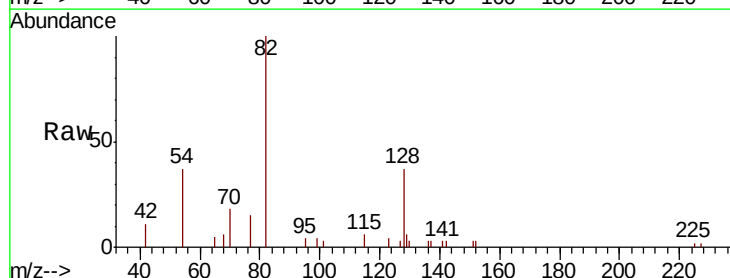
Tgt Ion: 82 Resp: 4368

Ion Ratio Lower Upper

82 100

128 37.2 41.3 61.9#

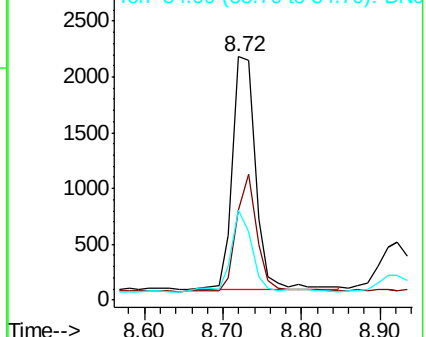
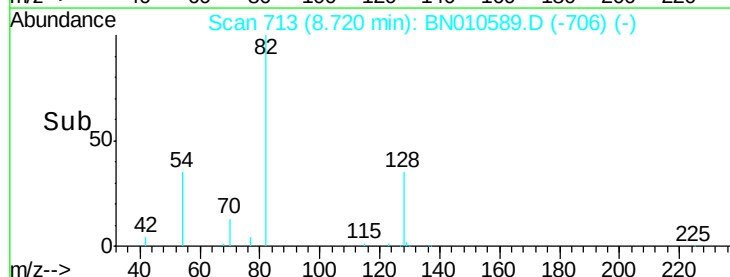
54 37.0 23.4 35.0#

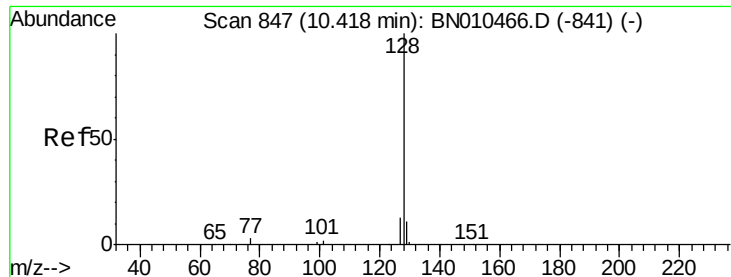


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#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

Instrument :

BNA_N

ClientSampleId :

WB-TWP-2

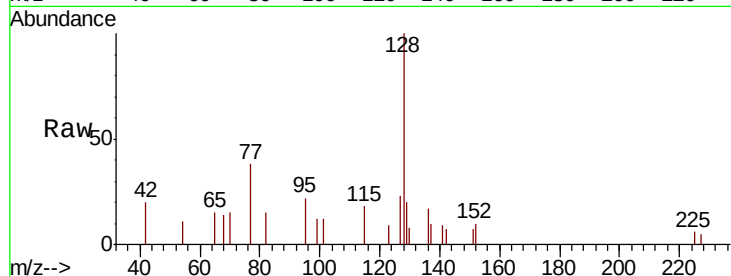
Tot Ion:128 Resp: 1918

Ion Ratio Lower Upper

128 100

129 20.0 9.3 13.9#

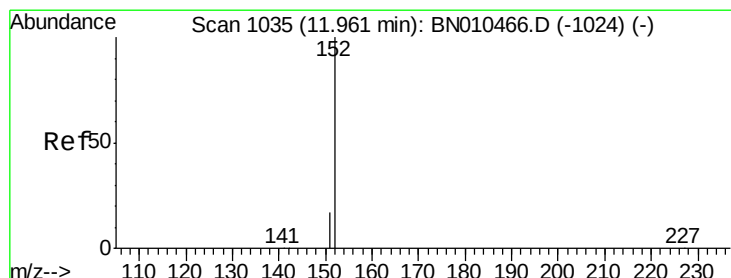
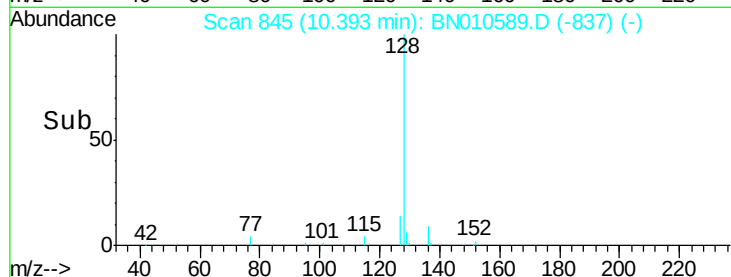
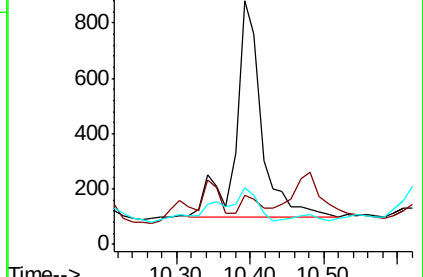
127 23.4 10.5 15.7#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#11

2-Methylnaphthalene-d10

Concen: 0.354 ng

RT: 11.94 min Scan# 1031

Delta R.T. 0.00 min

Lab File: BN010589.D

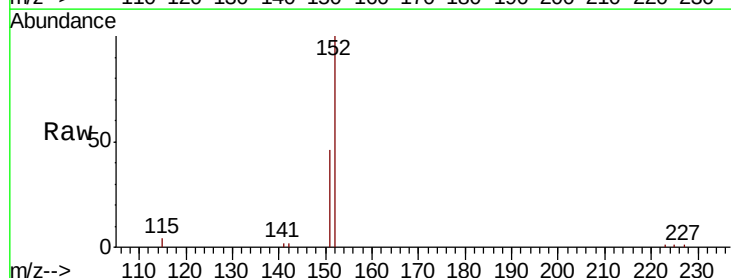
Acq: 24 Apr 2020 15:18

Tgt Ion:152 Resp: 9625

Ion Ratio Lower Upper

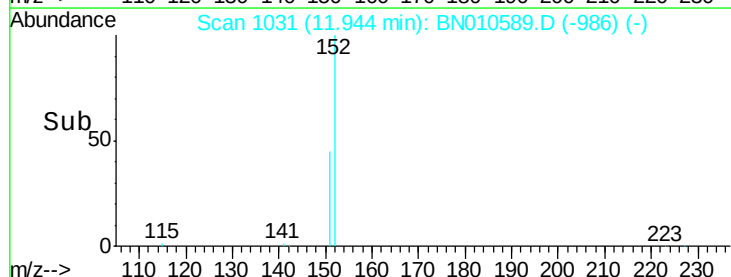
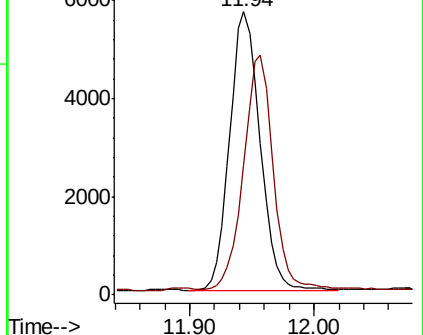
152 100

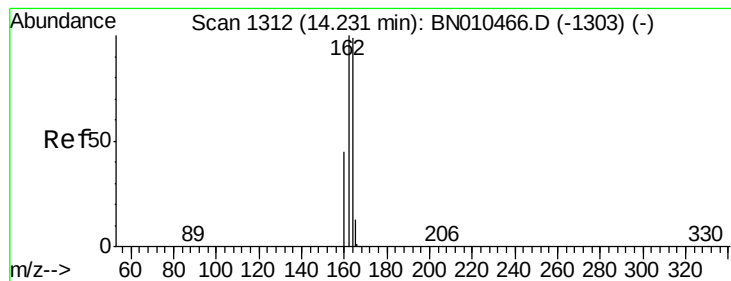
151 83.6 15.3 22.9#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#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

Instrument :

BNA_N

ClientSampleId :

WB-TWP-2

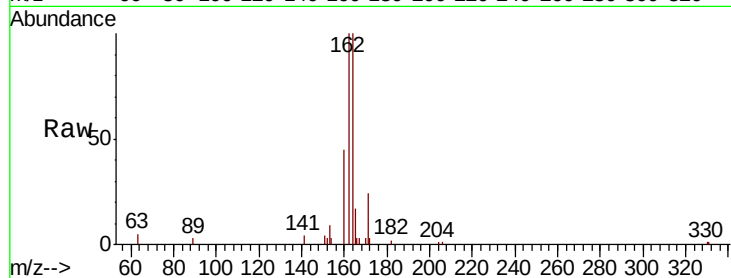
Tot Ion:164 Resp: 11157

Ion Ratio Lower Upper

164 100

162 99.9 80.6 121.0

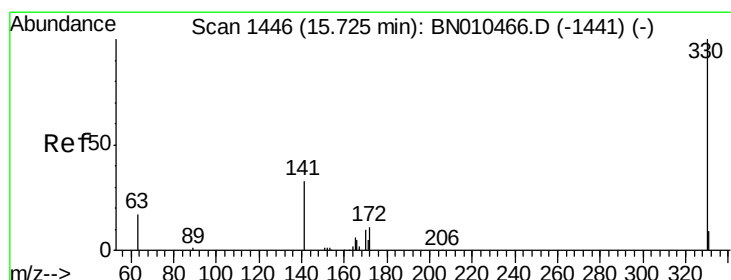
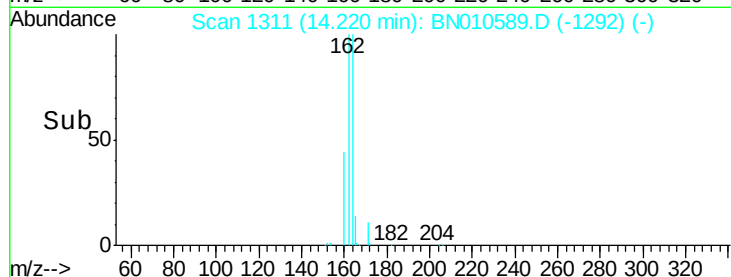
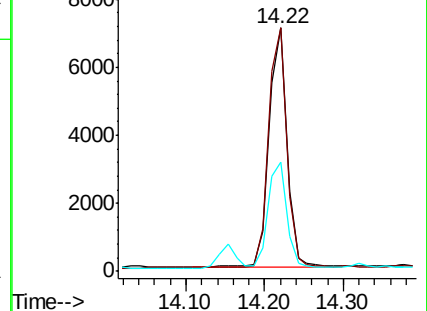
160 44.6 36.5 54.7



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: 0.495 ng

RT: 15.71 min Scan# 1445

Delta R.T. -0.00 min

Lab File: BN010589.D

Acq: 24 Apr 2020 15:18

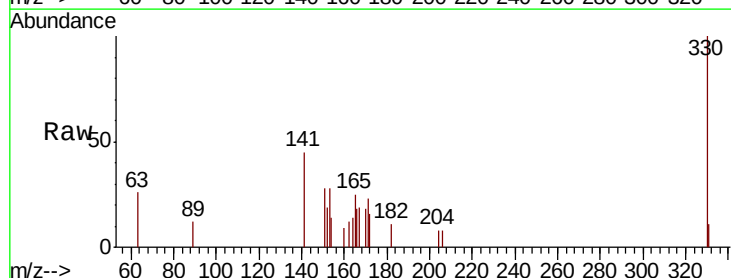
Tgt Ion:330 Resp: 2605

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

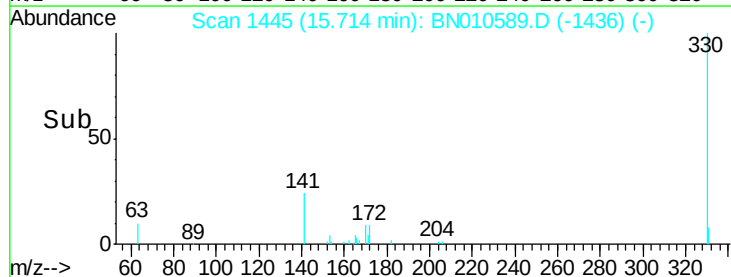
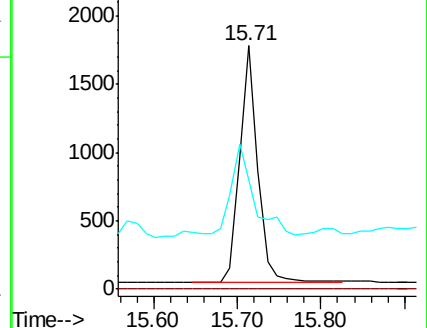
141 45.9 28.1 42.1#

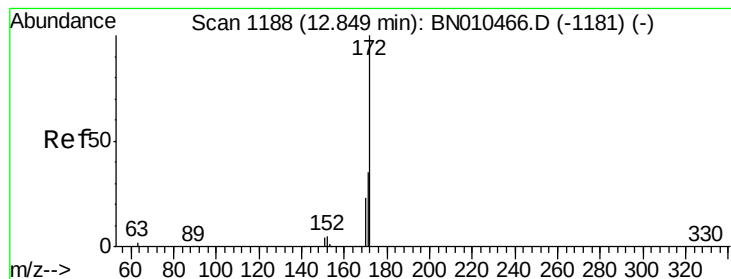


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

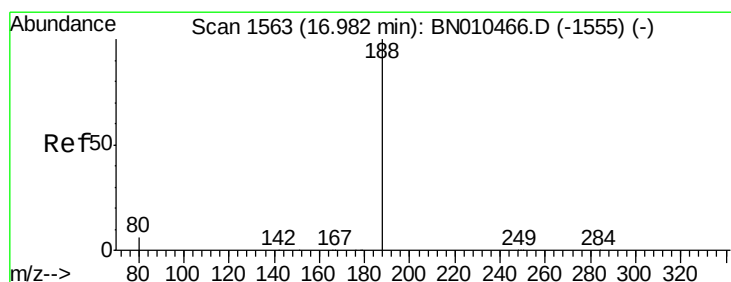
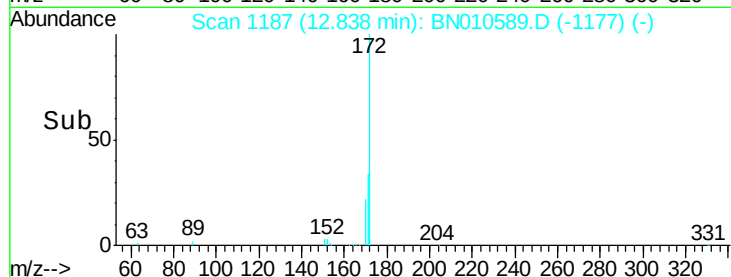
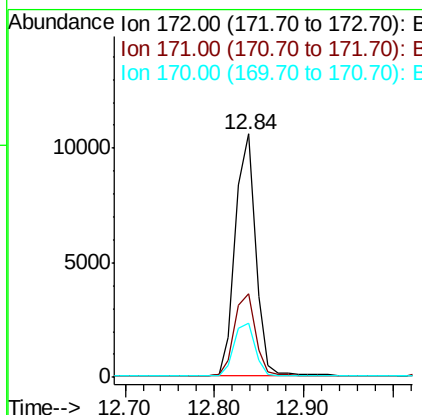
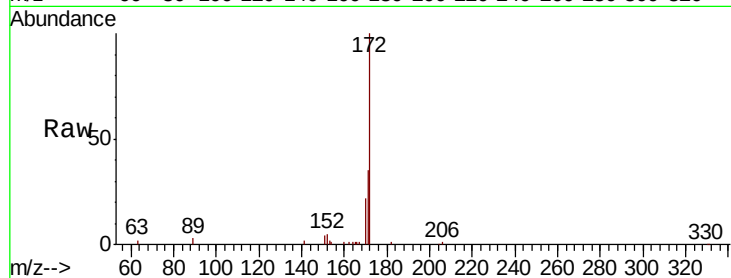




#15
2-Fluorobiphenyl
Concen: 0.414 ng
RT: 12.84 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BN010589.D
Acq: 24 Apr 2020 15:18

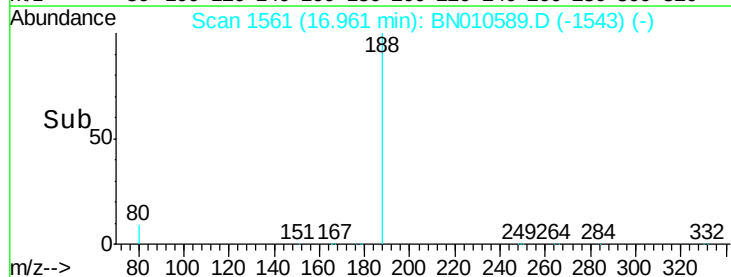
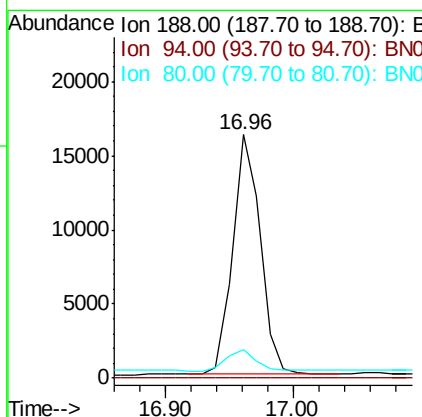
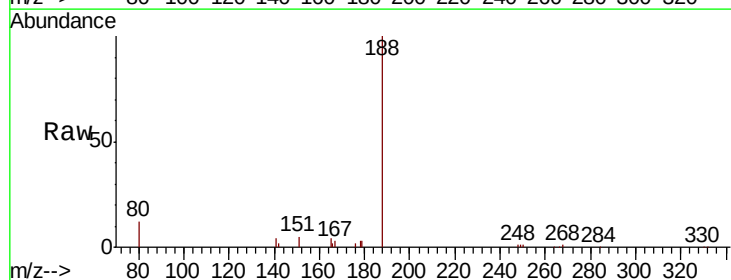
Instrument :
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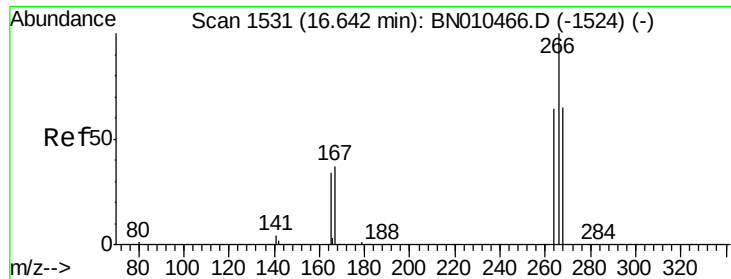
Tot Ion:172 Resp: 16817
Ion Ratio Lower Upper
172 100
171 34.5 28.2 42.2
170 22.1 18.4 27.6



#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

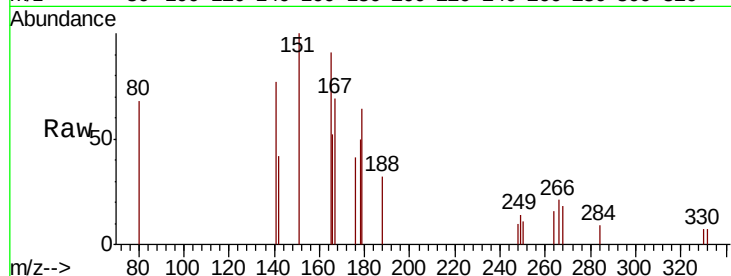
Instrument :

BNA_N

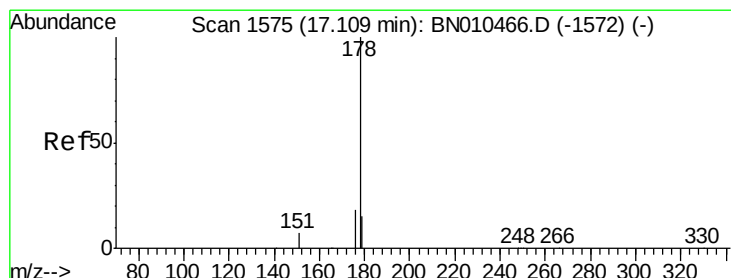
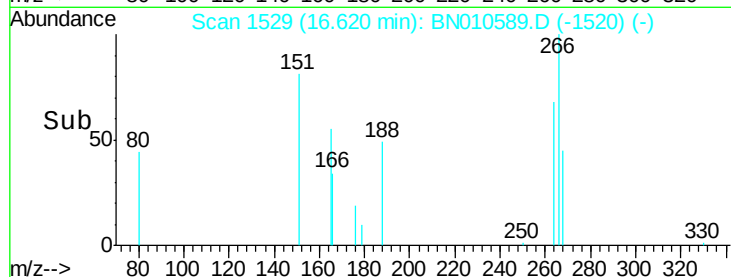
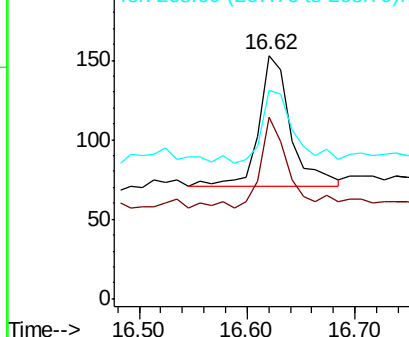
ClientSampleId :

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#



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



#24

Anthracene

Concen: 0.035 ng

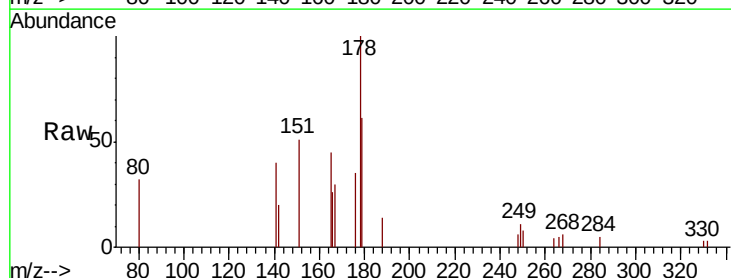
RT: 17.10 min Scan# 1574

Delta R.T. 0.01 min

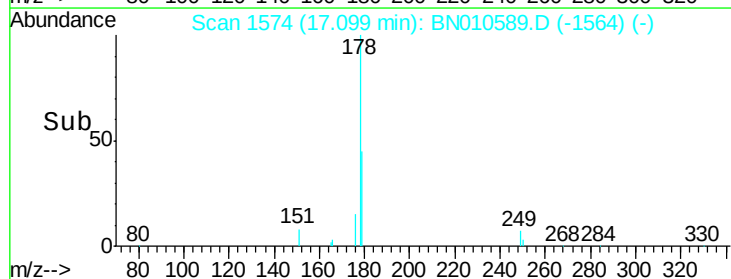
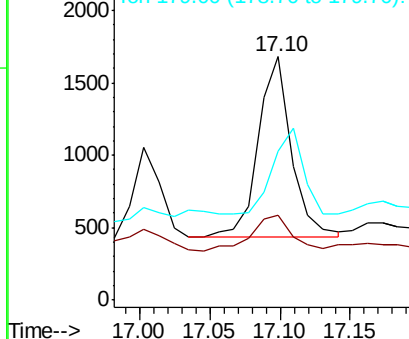
Lab File: BN010589.D

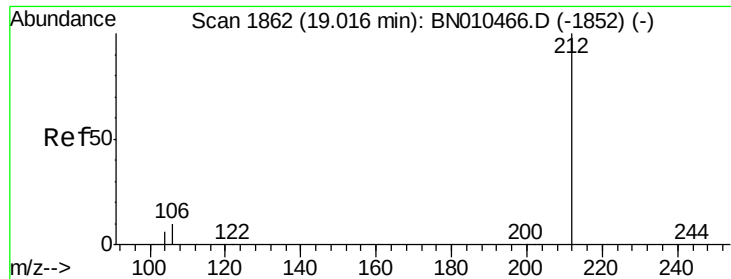
Acq: 24 Apr 2020 15:18

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#



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: 0.355 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

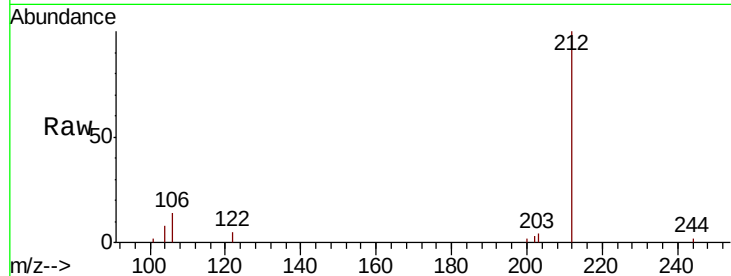
Tot Ion:212 Resp: 26029

Ion Ratio Lower Upper

212 100

106 10.4 7.8 11.6

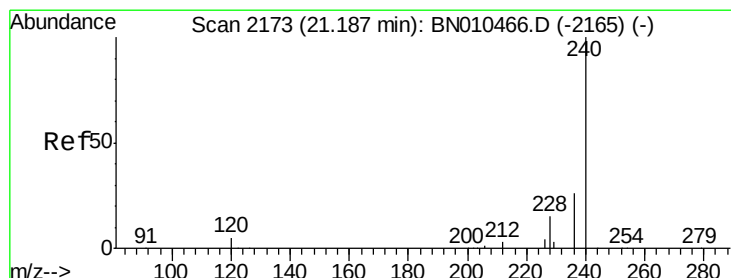
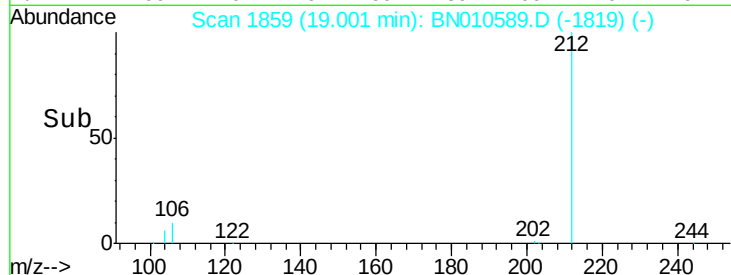
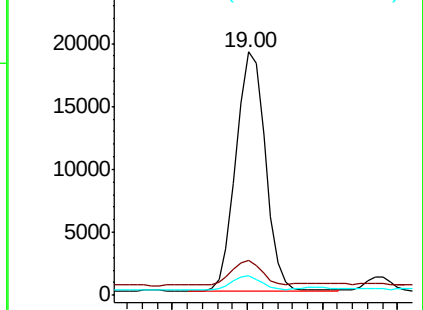
104 5.8 4.5 6.7



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

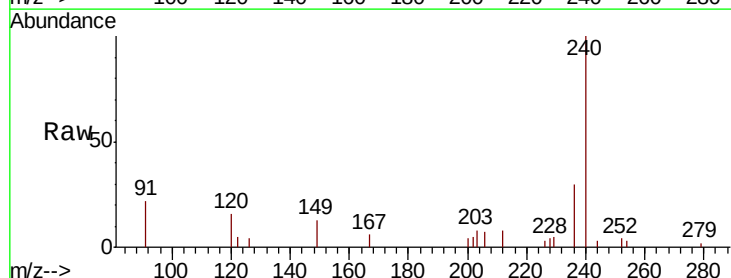
Tgt Ion:240 Resp: 21122

Ion Ratio Lower Upper

240 100

120 15.6 4.8 7.2#

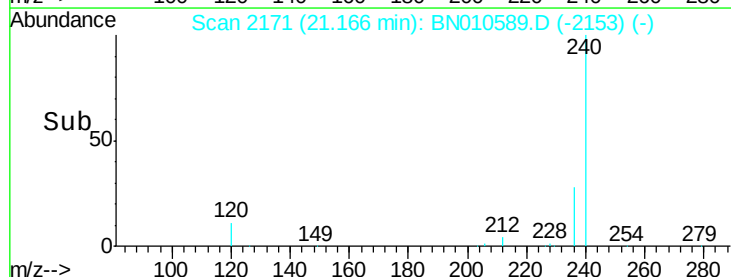
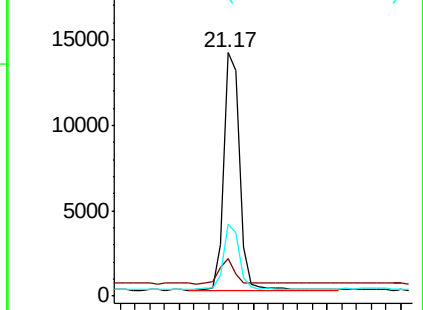
236 29.8 21.4 32.0

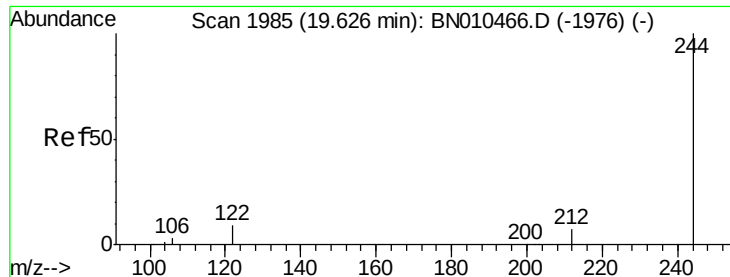


Abundance Ion 240.00 (239.70 to 240.70): E

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

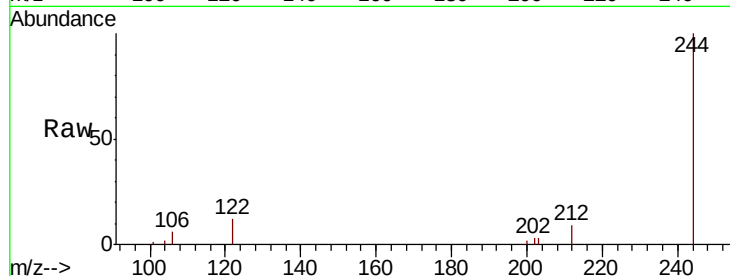
Tot Ion:244 Resp: 36780

Ion Ratio Lower Upper

244 100

212 8.5 6.2 9.4

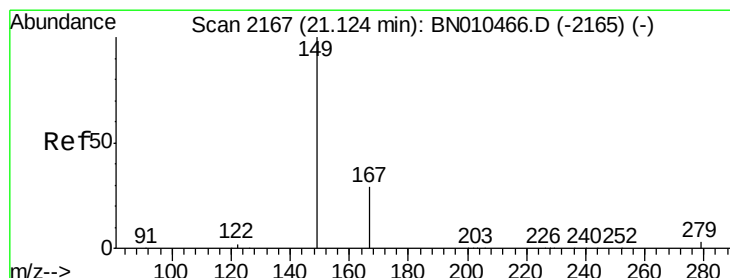
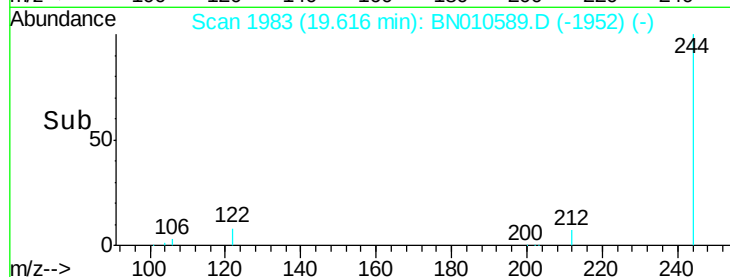
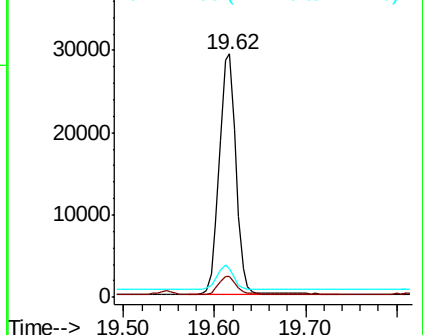
122 11.8 7.8 11.8#



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

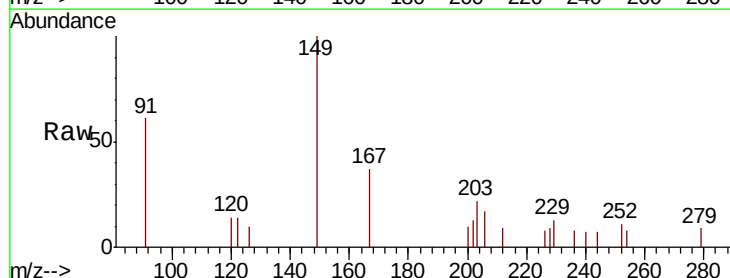
Tgt Ion:149 Resp: 3895

Ion Ratio Lower Upper

149 100

167 30.1 23.4 35.0

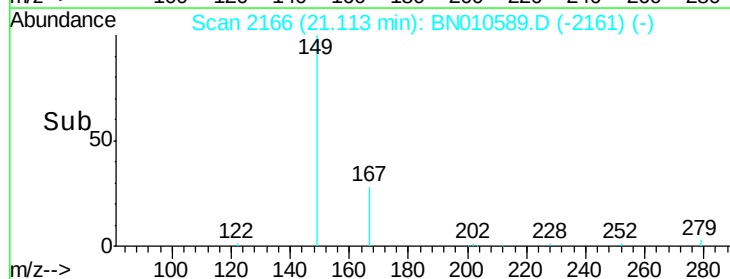
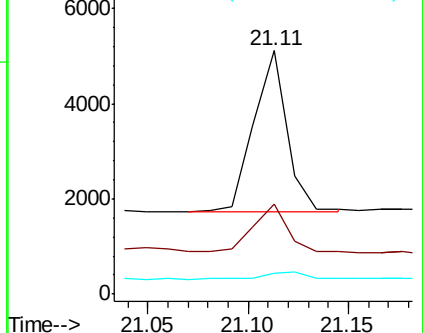
279 6.4 4.0 6.0#

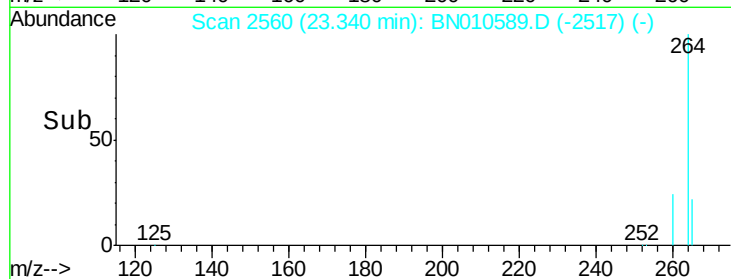
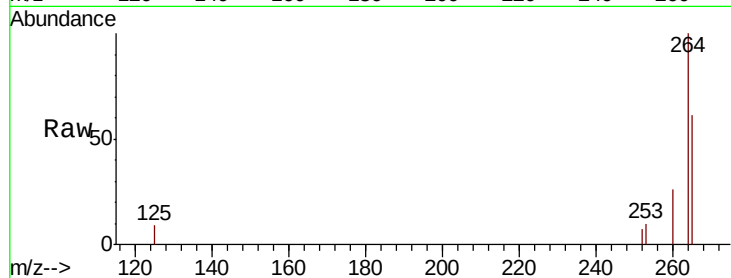
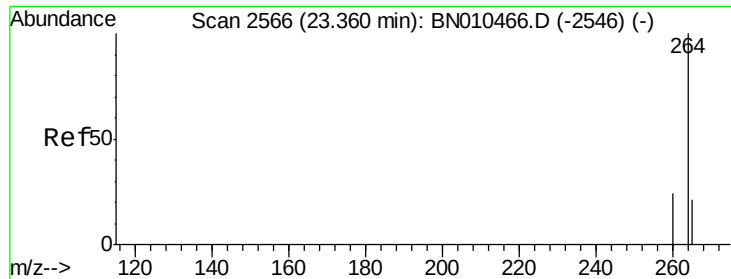


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-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

