

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082120\
 Data File : BN011588.D
 Acq On : 22 Aug 2020 15:44
 Operator : CG/JU
 Sample : PB131113BS
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB131113BS

Quant Time: Aug 24 01:24:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082120.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 22 04:52:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1571	0.40	ng	0.00
7) Naphthalene-d8	10.14	136	4588	0.40	ng	-0.01
13) Acenaphthene-d10	14.03	164	2797	0.40	ng	0.00
19) Phenanthrene-d10	16.79	188	6665	0.40	ng	0.00
29) Chrysene-d12	21.01	240	6196	0.40	ng	0.00
36) Perylene-d12	23.11	264	6144	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	1139	0.34	ng	0.00
5) Phenol-d6	6.61	99	1177	0.35	ng	-0.02
8) Nitrobenzene-d5	8.55	82	1224	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	11.74	152	2950	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.55	330	448	0.32	ng	0.00
15) 2-Fluorobiphenyl	12.64	172	4431	0.39	ng	-0.01
27) Fluoranthene-d10	18.83	212	7802	0.35	ng	0.00
31) Terphenyl-d14	19.45	244	5717	0.35	ng	0.00

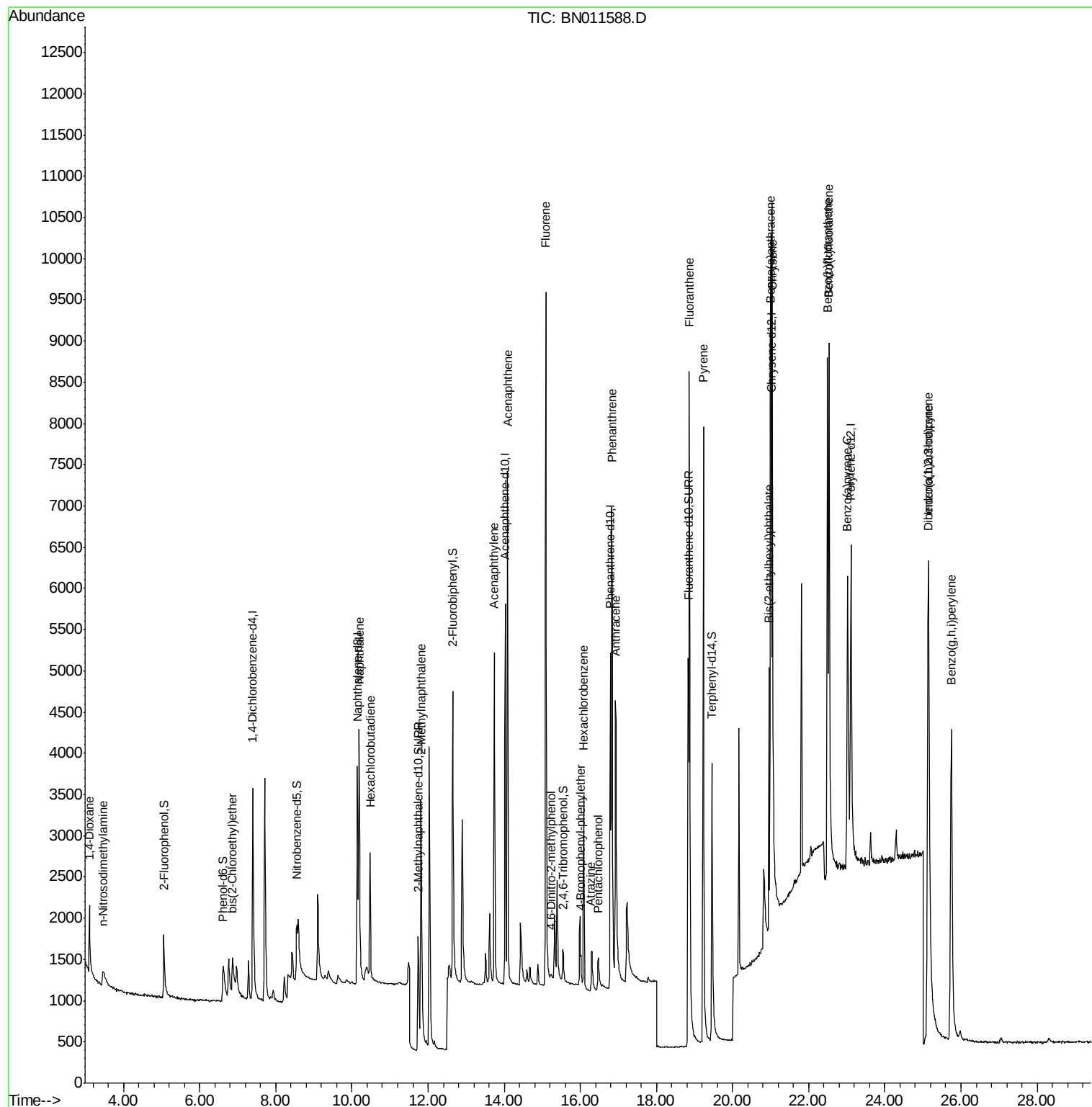
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.10	88	787	0.367	ng	# 100
3) n-Nitrosodimethylamine	3.46	42	260	0.294	ng	# 95
6) bis(2-Chloroethyl)ether	6.86	93	1132	0.342	ng	99
9) Naphthalene	10.19	128	4921	0.370	ng	99
10) Hexachlorobutadiene	10.48	225	1467	0.394	ng	# 99
12) 2-Methylnaphthalene	11.82	142	3344	0.365	ng	99
16) Acenaphthylene	13.74	152	5190	0.365	ng	99
17) Acenaphthene	14.09	154	3444	0.369	ng	99
18) Fluorene	15.09	166	4452	0.361	ng	100
20) 4,6-Dinitro-2-methylphenol	15.23	198	215	0.337	ng	93
21) 4-Bromophenyl-phenylether	16.02	248	430	0.295	ng	94
22) Hexachlorobenzene	16.09	284	1793	0.349	ng	99
23) Atrazine	16.29	200	748	0.216	ng	99
24) Pentachlorophenol	16.47	266	405	0.253	ng	95
25) Phenanthrene	16.82	178	7271	0.347	ng	100
26) Anthracene	16.92	178	6001	0.343	ng	98
28) Fluoranthene	18.86	202	9315	0.345	ng	99
30) Pvrene	19.23	202	9233	0.375	ng	99
32) Benzo(a)anthracene	20.99	228	6827	0.335	ng	99
33) Chrysene	21.05	228	8737	0.377	ng	98
34) Bis(2-ethylhexyl)phthalate	20.95	149	2992	0.324	ng	99
35) Indeno(1,2,3-cd)pyrene	25.13	276	10183	0.484	ng	99
37) Benzo(b)fluoranthene	22.49	252	7896	0.348	ng	93
38) Benzo(k)fluoranthene	22.53	252	10464	0.387	ng	95
39) Benzo(a)pyrene	23.02	252	7495	0.357	ng	# 89
40) Dibenzo(a,h)anthracene	25.15	278	8118	0.462	ng	# 87
41) Benzo(g,h,i)perylene	25.75	276	9317	0.444	ng	95

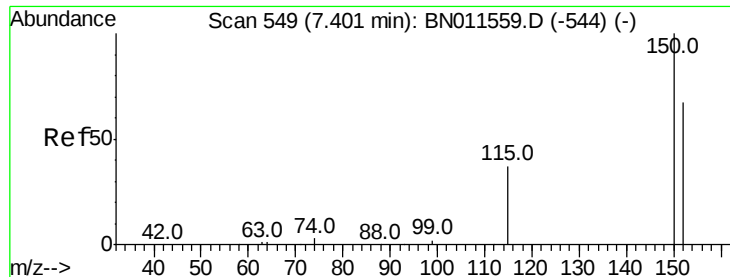
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.39 min Scan# 548

Delta R.T. -0.01 min

Lab File: BN011588.D

Acq: 22 Aug 2020 15:44

Instrument :

BNA_N

ClientSampleId :

PB131113BS

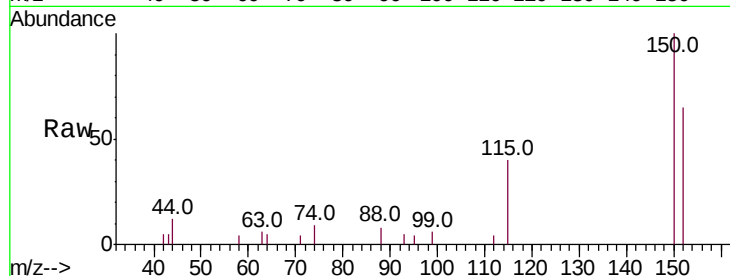
Tot Ion:152 Resp: 1571

Ion Ratio Lower Upper

152 100

150 154.2 117.1 175.7

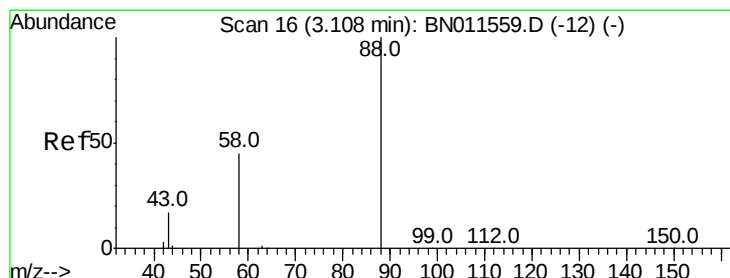
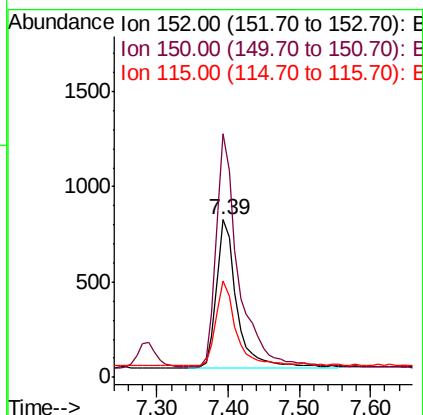
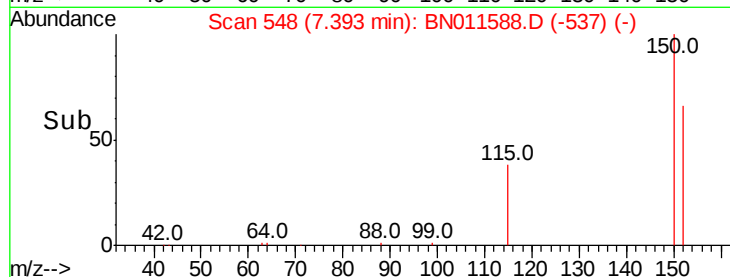
115 61.4 48.7 73.1



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: 0.367 ng

RT: 3.10 min Scan# 15

Delta R.T. -0.01 min

Lab File: BN011588.D

Acq: 22 Aug 2020 15:44

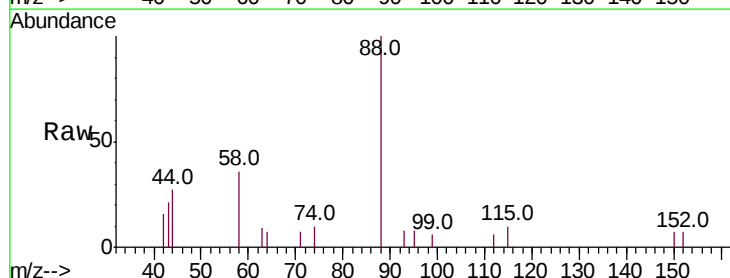
Tgt Ion: 88 Resp: 787

Ion Ratio Lower Upper

88 100

58 46.8 0.0 0.0#

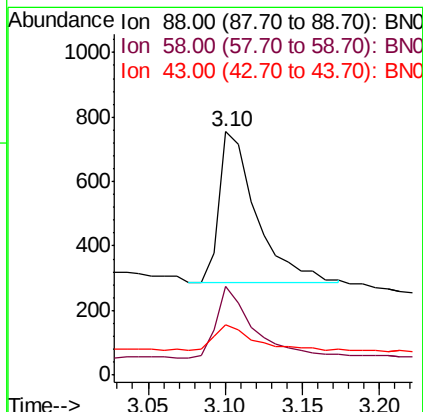
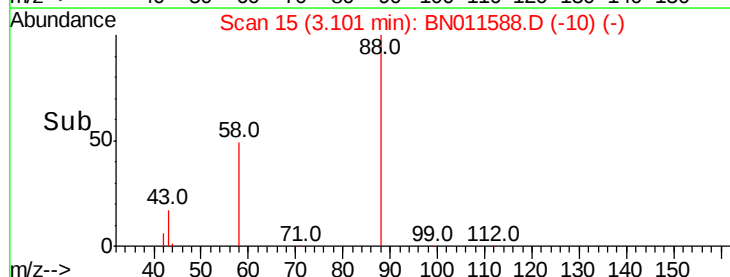
43 16.6 0.0 0.0#

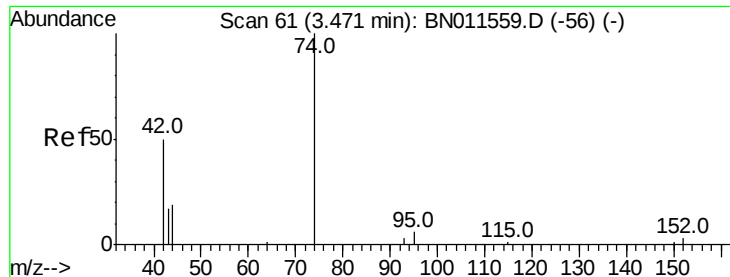


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC



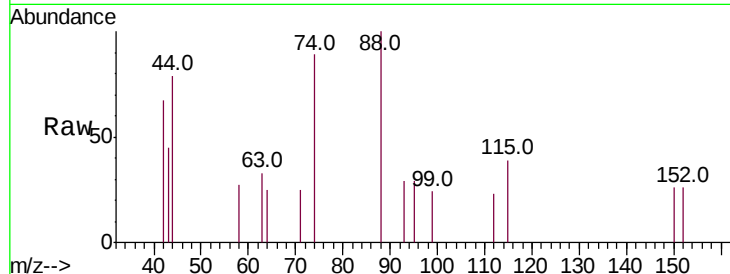


#3

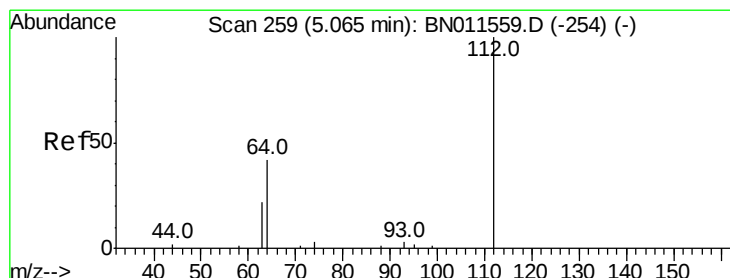
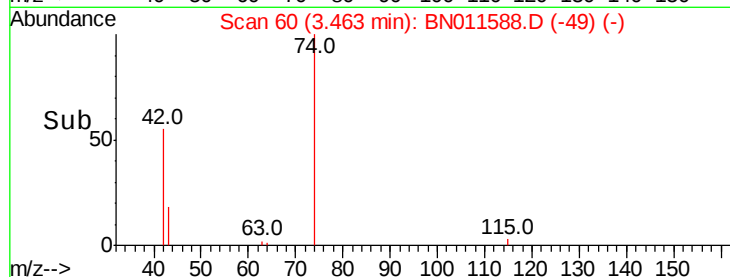
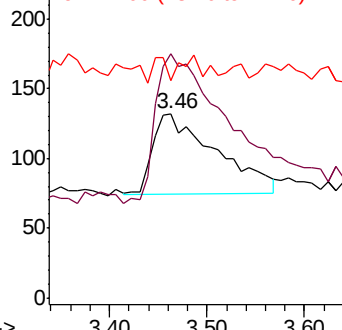
n-Nitrosodimethylamine
 Concen: 0.294 ng
 RT: 3.46 min Scan# 60
 Delta R.T. -0.01 min
 Lab File: BN011588.D
 Acq: 22 Aug 2020 15:44

Instrument :
 BNA_N
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 PB131113BS

Tot Ion: 42 Resp: 260
 Ion Ratio Lower Upper
 42 100
 74 210.4 169.0 253.4
 44 6.9 21.6 32.4#



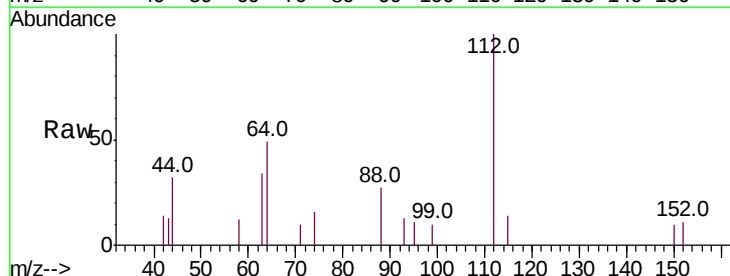
Abundance Ion 42.00 (41.70 to 42.70): BNC
 Ion 74.00 (73.70 to 74.70): BNC
 Ion 44.00 (43.70 to 44.70): BNC



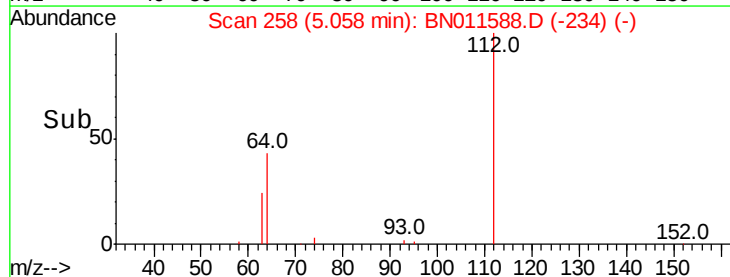
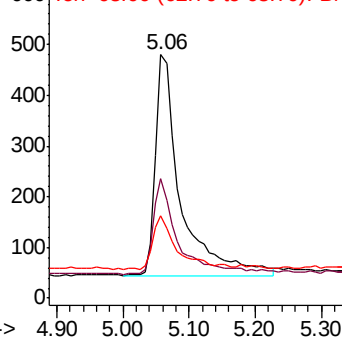
#4

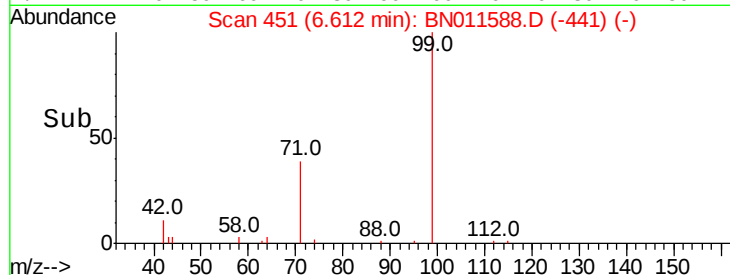
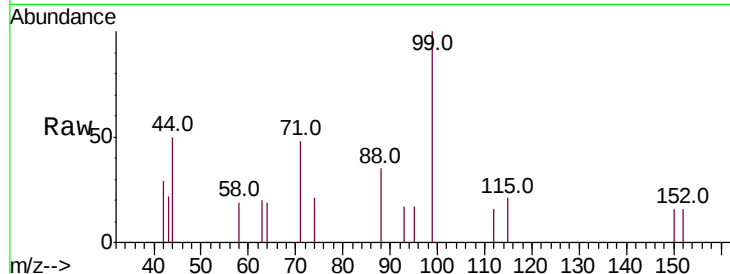
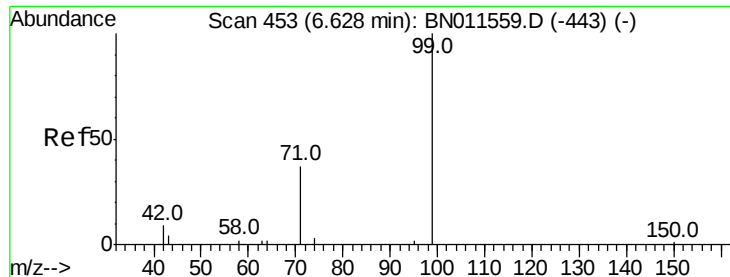
2-Fluorophenol
 Concen: 0.340 ng
 RT: 5.06 min Scan# 258
 Delta R.T. -0.01 min
 Lab File: BN011588.D
 Acq: 22 Aug 2020 15:44

Tgt Ion: 112 Resp: 1139
 Ion Ratio Lower Upper
 112 100
 64 42.0 33.9 50.9
 63 22.7 17.7 26.5



Abundance Ion 112.00 (111.70 to 112.70): BNC
 Ion 64.00 (63.70 to 64.70): BNC
 Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.348 ng

RT: 6.61 min Scan# 451

Delta R.T. -0.02 min

Lab File: BN011588.D

Acq: 22 Aug 2020 15:44

Instrument :

BNA_N

ClientSampleId :

PB131113BS

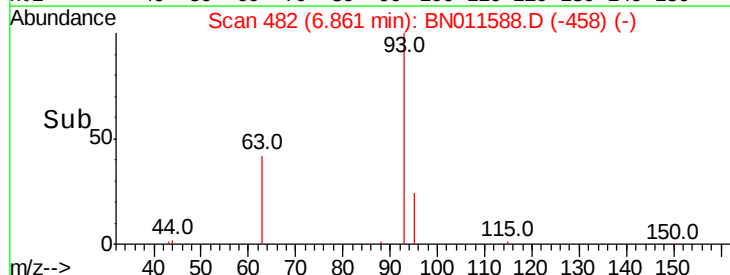
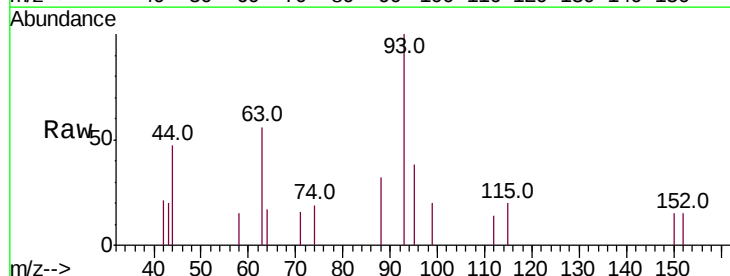
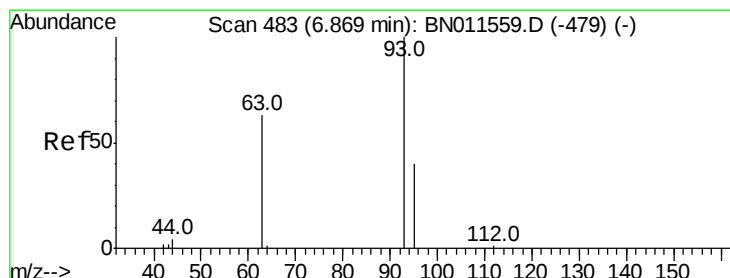
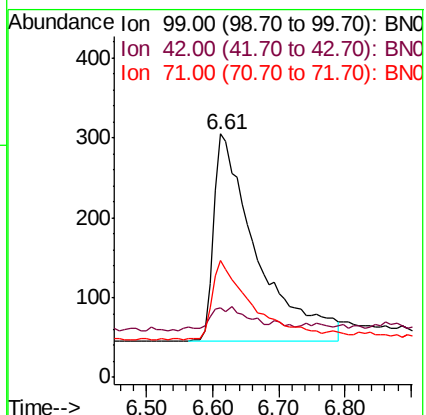
Tot Ion: 99 Resp: 1177

Ion Ratio Lower Upper

99 100

42 10.1 9.0 13.4

71 35.9 30.4 45.6



#6

bis(2-Chloroethyl)ether

Concen: 0.342 ng

RT: 6.86 min Scan# 482

Delta R.T. -0.01 min

Lab File: BN011588.D

Acq: 22 Aug 2020 15:44

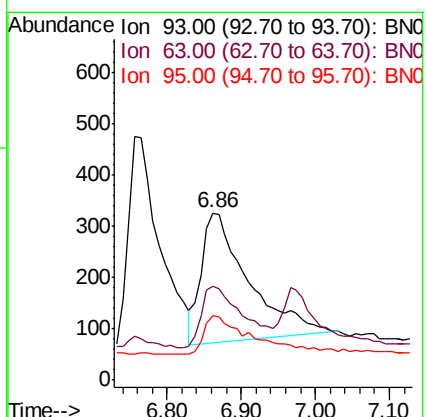
Tgt Ion: 93 Resp: 1132

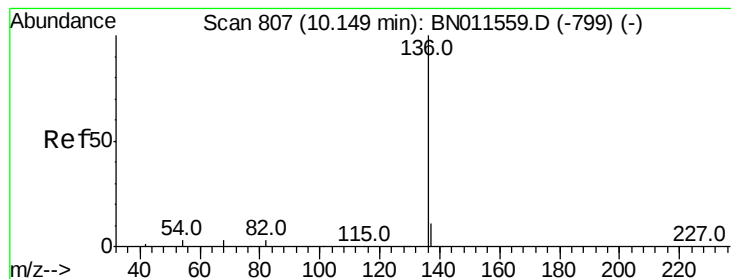
Ion Ratio Lower Upper

93 100

63 42.5 32.9 49.3

95 31.4 25.3 37.9





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.14 min Scan# 806

Delta R.T. -0.01 min

Lab File: BN011588.D

Acq: 22 Aug 2020 15:44

Instrument :

BNA_N

ClientSampleId :

PB131113BS

Tot Ion:136 Resp: 4588

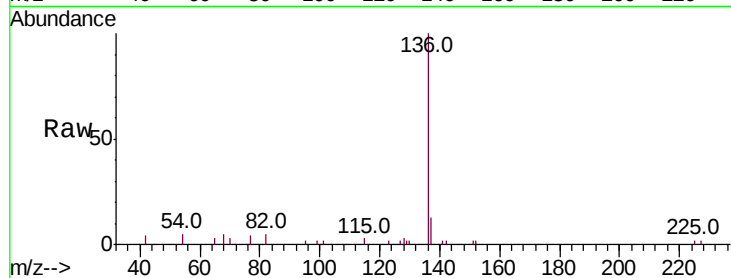
Ion Ratio Lower Upper

136 100

137 12.7 11.0 16.4

54 5.2 4.3 6.5

68 5.4 4.9 7.3

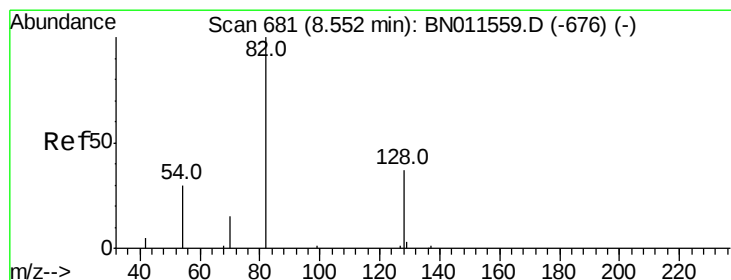
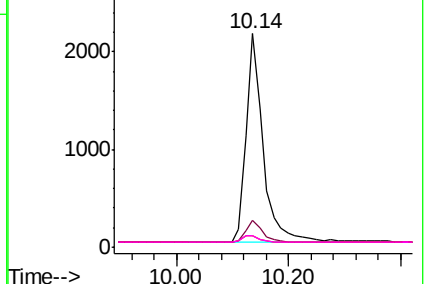
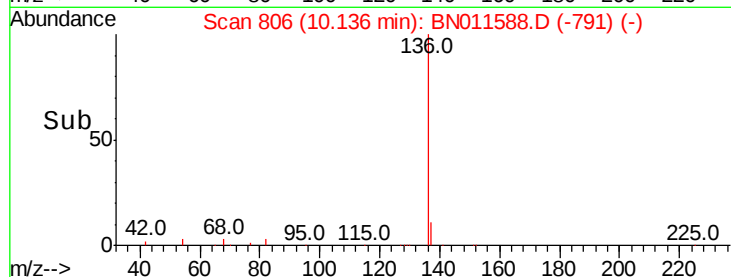


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.406 ng

RT: 8.55 min Scan# 681

Delta R.T. 0.00 min

Lab File: BN011588.D

Acq: 22 Aug 2020 15:44

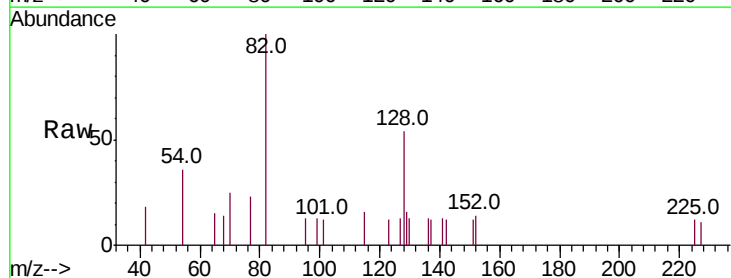
Tgt Ion: 82 Resp: 1224

Ion Ratio Lower Upper

82 100

128 54.1 41.7 62.5

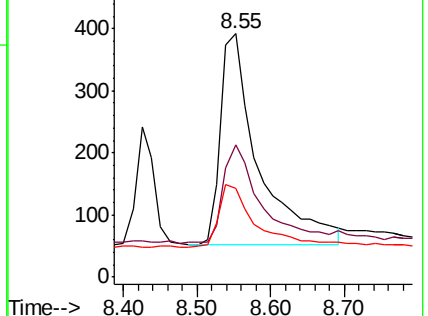
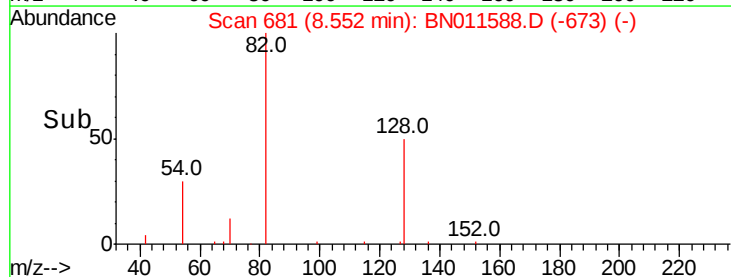
54 36.2 34.4 51.6

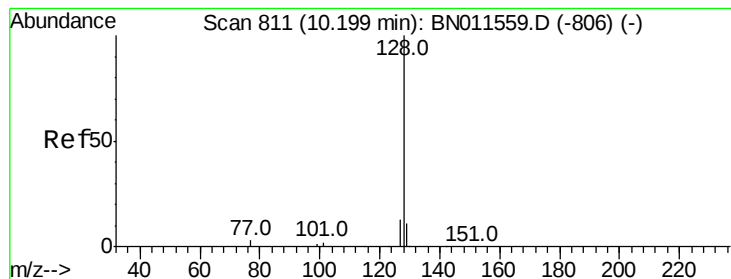


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.370 ng

RT: 10.19 min Scan# 810

Delta R.T. -0.01 min

Lab File: BN011588.D

Acq: 22 Aug 2020 15:44

Instrument :

BNA_N

ClientSampleId :

PB131113BS

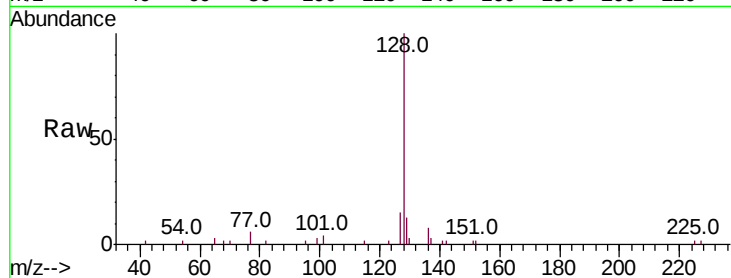
Tot Ion:128 Resp: 4921

Ion Ratio Lower Upper

128 100

129 12.8 10.8 16.2

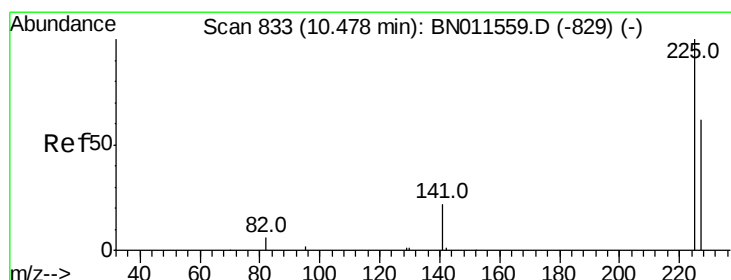
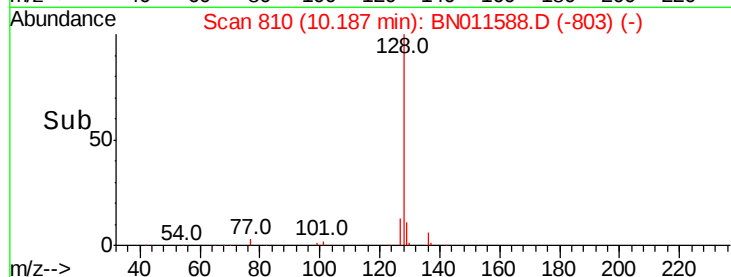
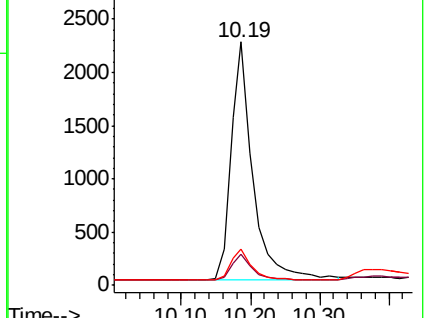
127 14.9 12.3 18.5



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



#10

Hexachlorobutadiene

Concen: 0.394 ng

RT: 10.48 min Scan# 833

Delta R.T. 0.00 min

Lab File: BN011588.D

Acq: 22 Aug 2020 15:44

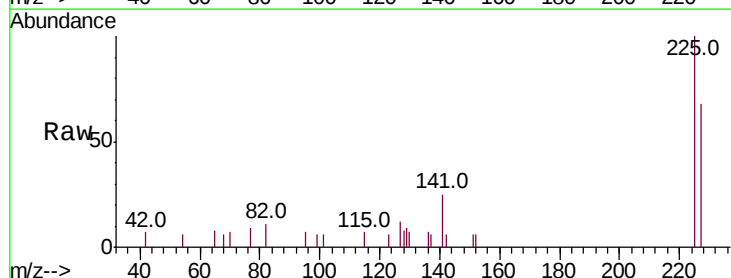
Tgt Ion:225 Resp: 1467

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

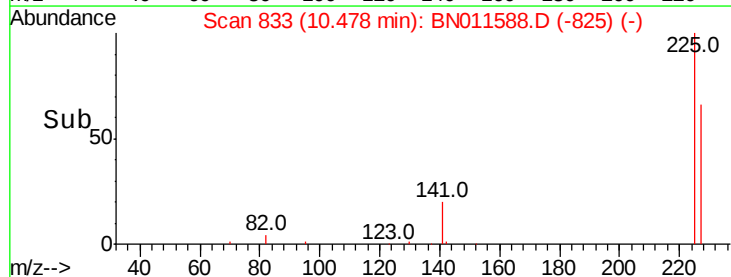
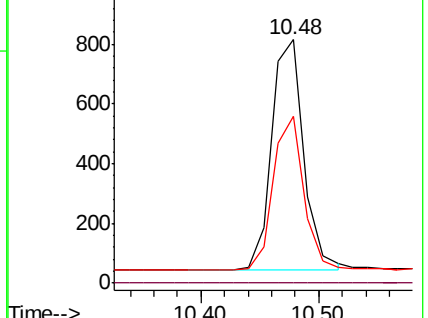
227 63.4 51.3 76.9

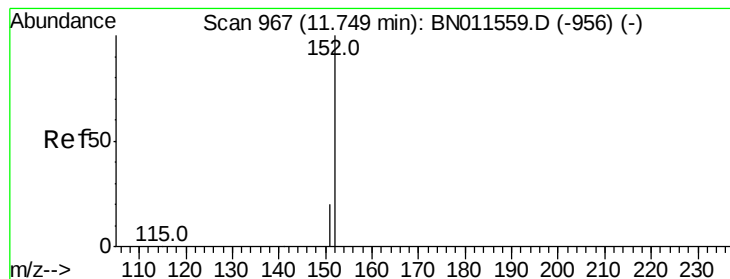


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.360 ng

RT: 11.74 min Scan# 965

Delta R.T. -0.01 min

Lab File: BN011588.D

Acq: 22 Aug 2020 15:44

Instrument :

BNA_N

ClientSampleId :

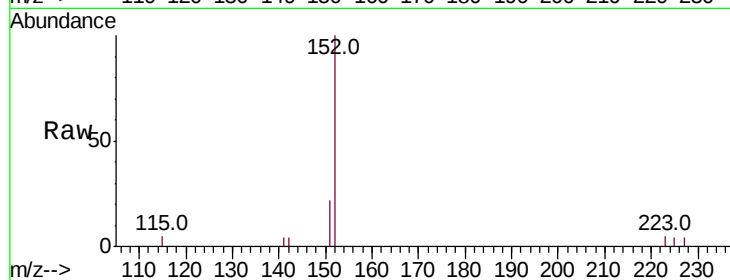
PB131113BS

Tot Ion:152 Resp: 2950

Ion Ratio Lower Upper

152 100

151 20.4 16.6 24.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

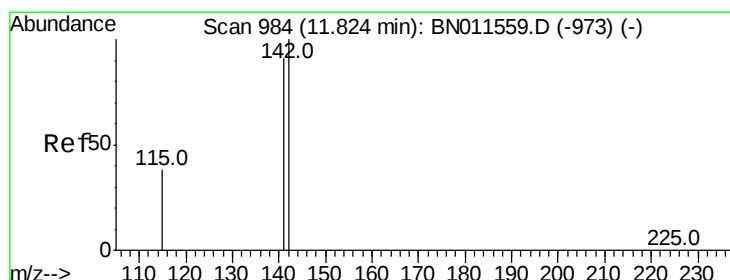
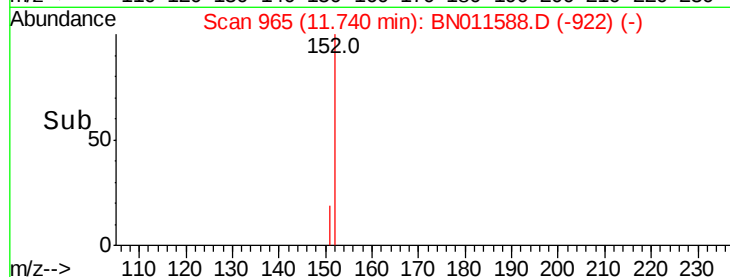
11.74

1000

500

0

Time--> 11.60 11.80



#12

2-Methylnaphthalene

Concen: 0.365 ng

RT: 11.82 min Scan# 982

Delta R.T. -0.01 min

Lab File: BN011588.D

Acq: 22 Aug 2020 15:44

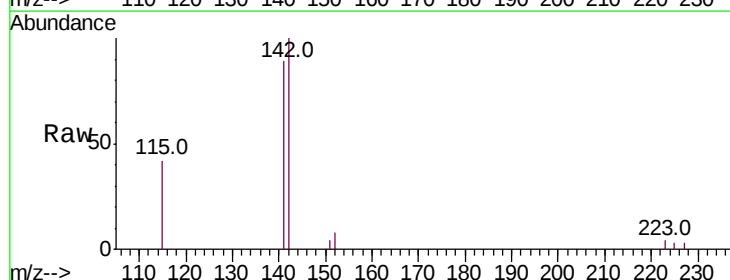
Tgt Ion:142 Resp: 3344

Ion Ratio Lower Upper

142 100

141 89.5 73.0 109.6

115 41.7 33.4 50.0



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

2000

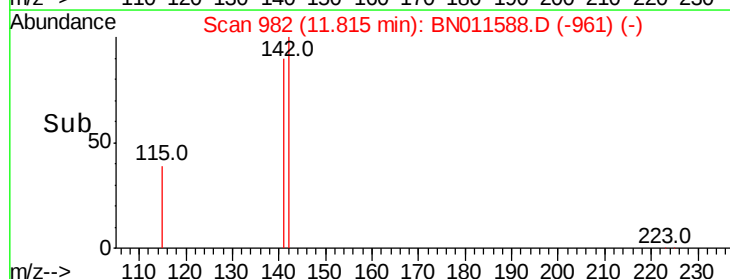
1500

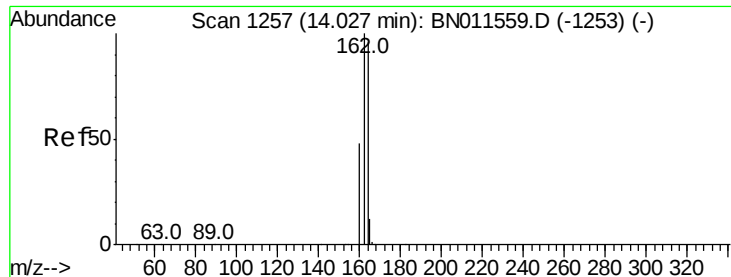
1000

500

0

Time--> 11.80 12.00





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.03 min Scan# 1257

Delta R.T. 0.00 min

Lab File: BN011588.D

Acq: 22 Aug 2020 15:44

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PB131113BS

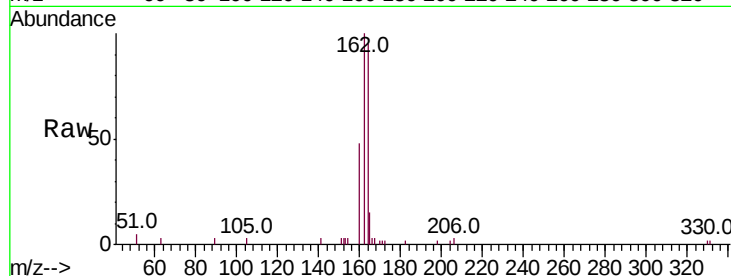
Tot Ion:164 Resp: 2797

Ion Ratio Lower Upper

164 100

162 104.9 83.7 125.5

160 50.6 41.1 61.7



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

2500

2000

1500

1000

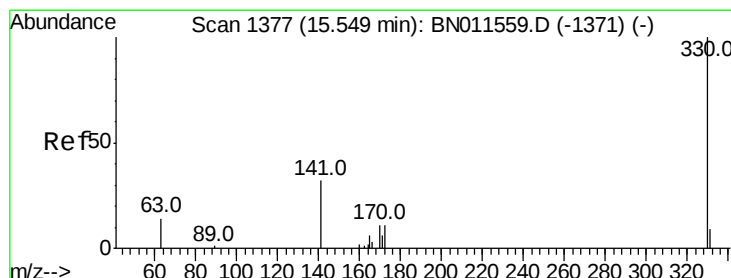
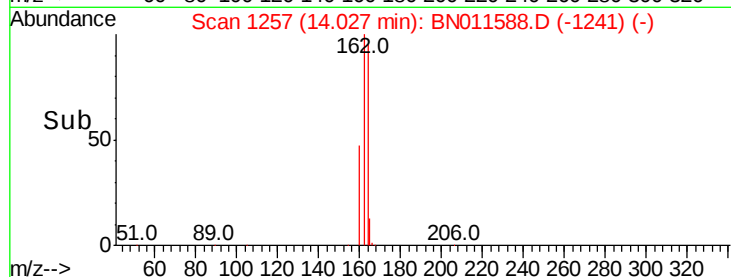
500

0

14.03

13.90 14.00 14.10 14.20

Time-->



#14

2,4,6-Tribromophenol

Concen: 0.322 ng

RT: 15.55 min Scan# 1377

Delta R.T. 0.00 min

Lab File: BN011588.D

Acq: 22 Aug 2020 15:44

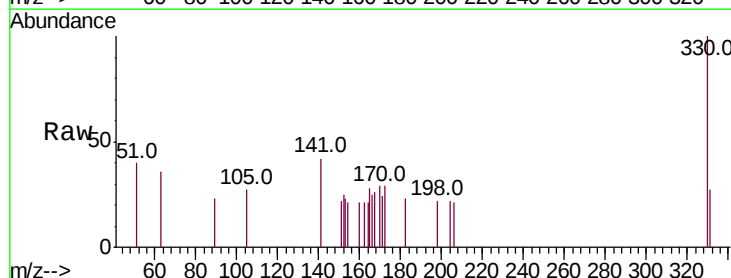
Tgt Ion:330 Resp: 448

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 41.1 34.6 52.0



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

300

250

200

150

100

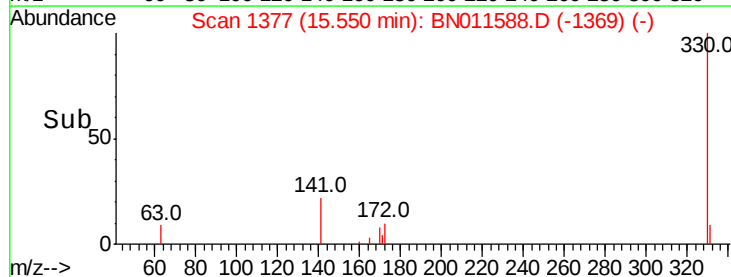
50

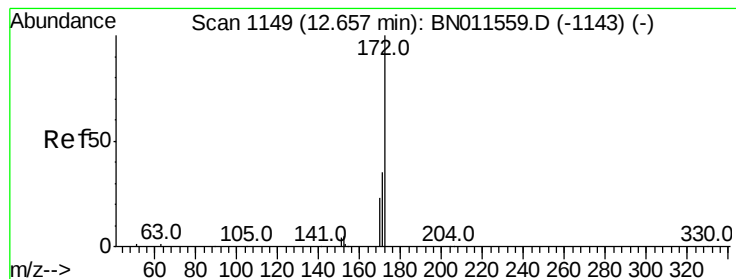
0

15.55

15.40 15.50 15.60 15.70

Time-->





#15

2-Fluorobiphenyl

Concen: 0.385 ng

RT: 12.64 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BN011588.D

Acq: 22 Aug 2020 15:44

Instrument :

BNA_N

ClientSampleId :

PB131113BS

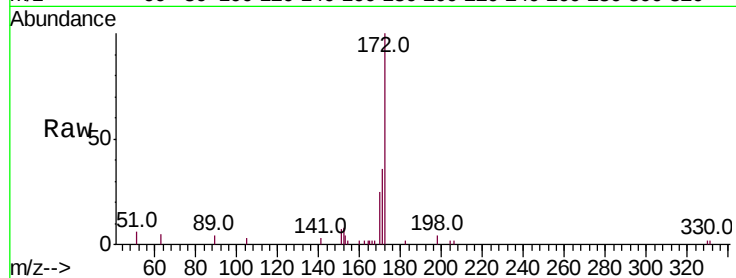
Tot Ion:172 Resp: 4431

Ion Ratio Lower Upper

172 100

171 36.0 29.4 44.0

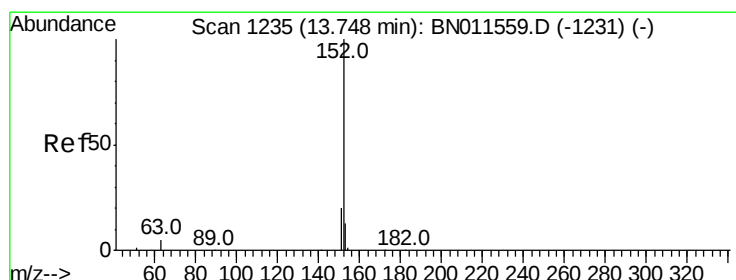
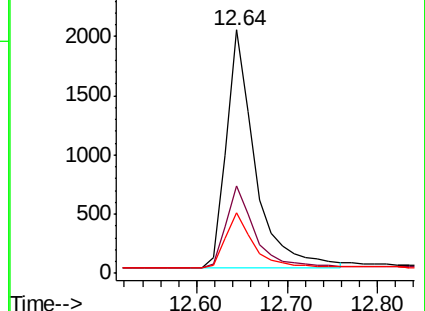
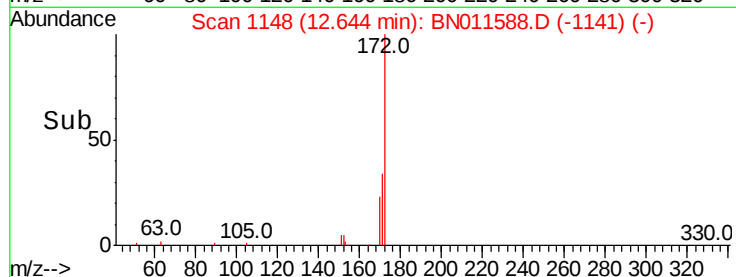
170 25.0 20.1 30.1



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



#16

Acenaphthylene

Concen: 0.365 ng

RT: 13.74 min Scan# 1234

Delta R.T. -0.01 min

Lab File: BN011588.D

Acq: 22 Aug 2020 15:44

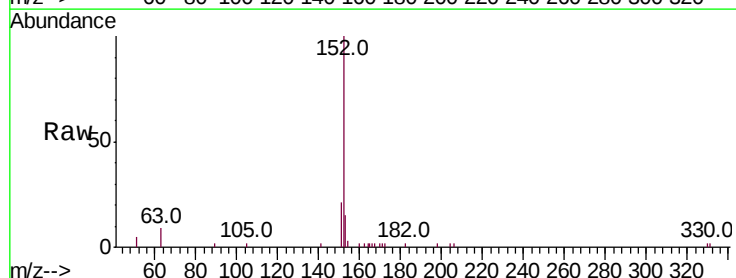
Tgt Ion:152 Resp: 5190

Ion Ratio Lower Upper

152 100

151 19.2 15.8 23.8

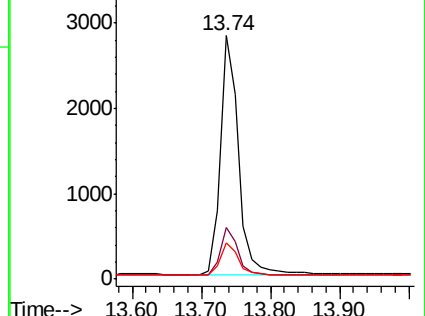
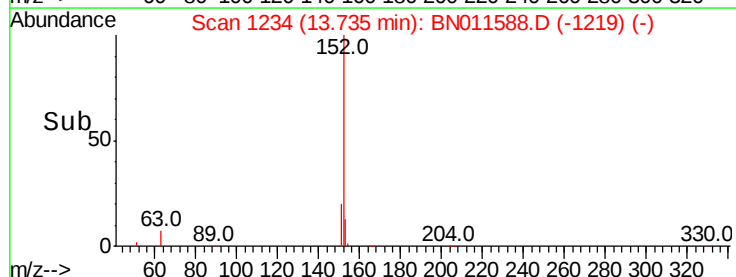
153 13.1 10.6 16.0

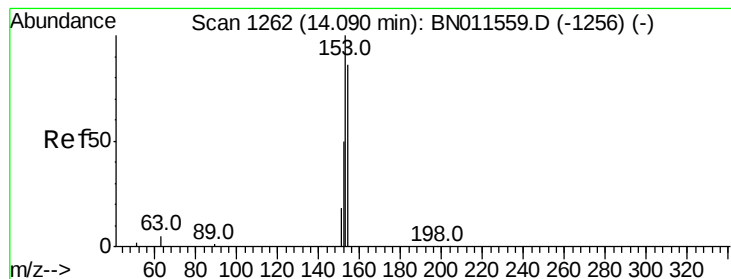


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.369 ng

RT: 14.09 min Scan# 1262

Delta R.T. 0.00 min

Lab File: BN011588.D

Acq: 22 Aug 2020 15:44

Instrument :

BNA_N

ClientSampleId :

PB131113BS

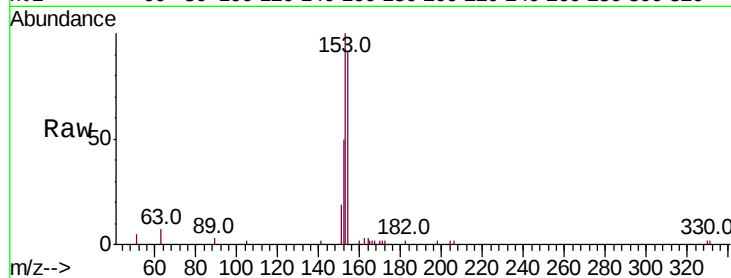
Tot Ion:154 Resp: 3444

Ion Ratio Lower Upper

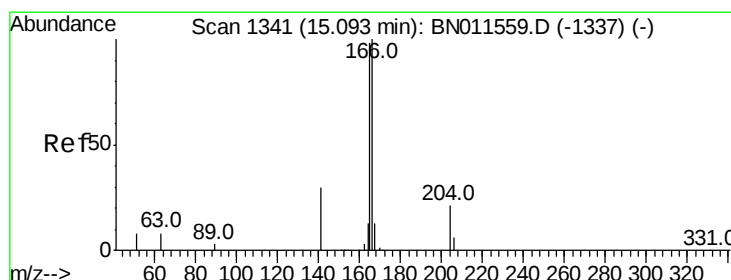
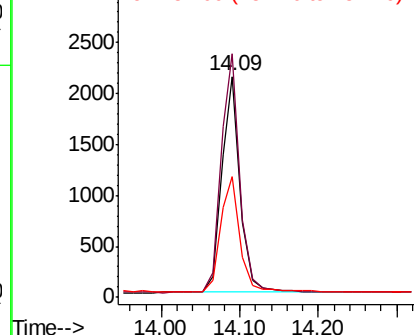
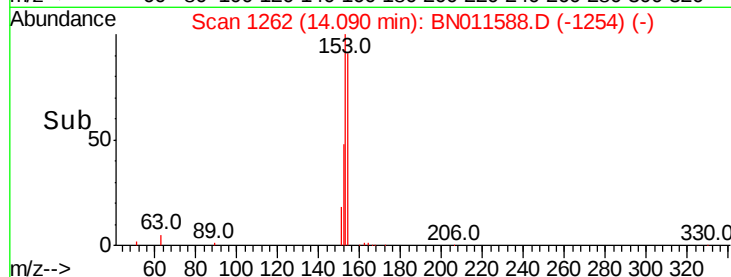
154 100

153 114.1 91.8 137.8

152 57.2 46.3 69.5



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: 0.361 ng

RT: 15.09 min Scan# 1341

Delta R.T. 0.00 min

Lab File: BN011588.D

Acq: 22 Aug 2020 15:44

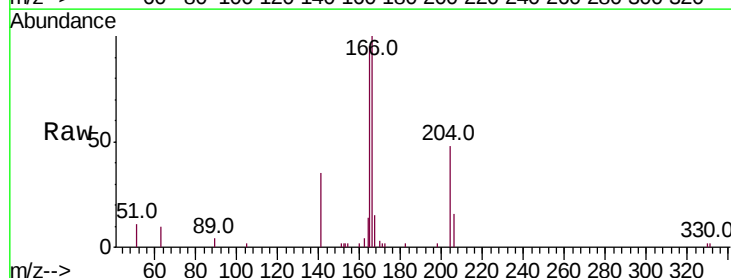
Tgt Ion:166 Resp: 4452

Ion Ratio Lower Upper

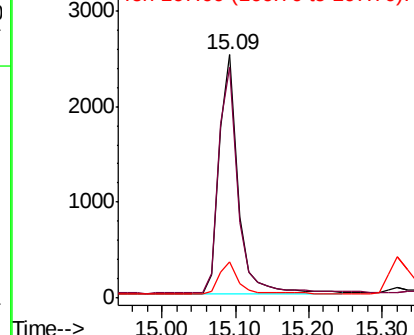
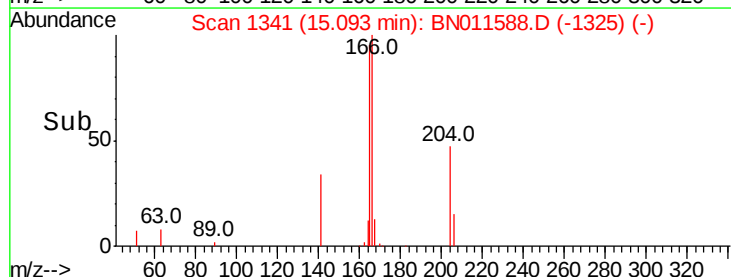
166 100

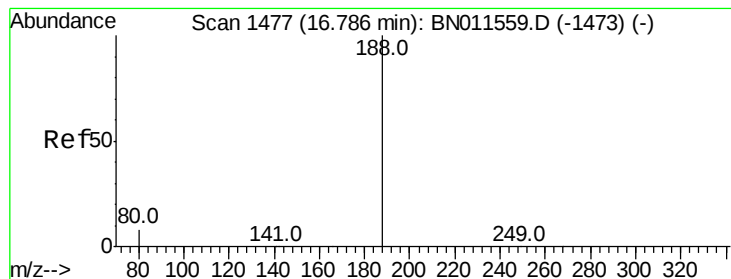
165 98.1 78.2 117.2

167 13.4 10.7 16.1



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: 16.79 min Scan# 1477

Delta R.T. 0.00 min

Lab File: BN011588.D

Acq: 22 Aug 2020 15:44

Instrument :

BNA_N

ClientSampleId :

PB131113BS

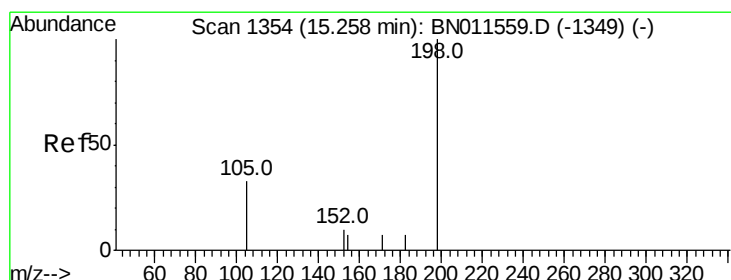
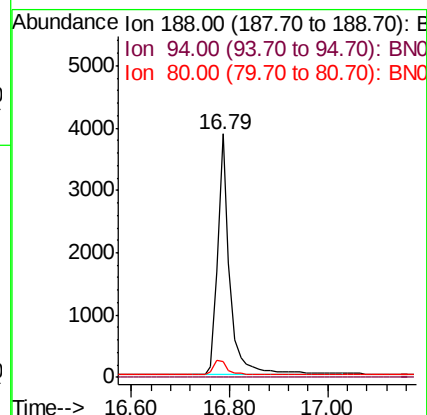
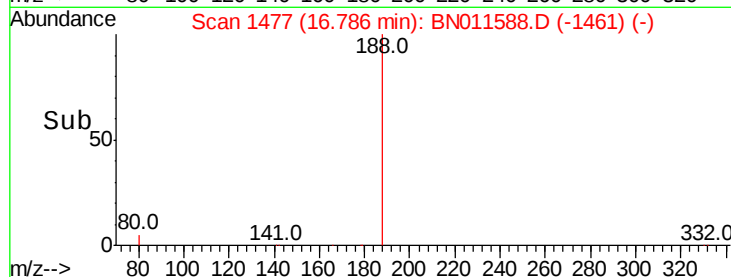
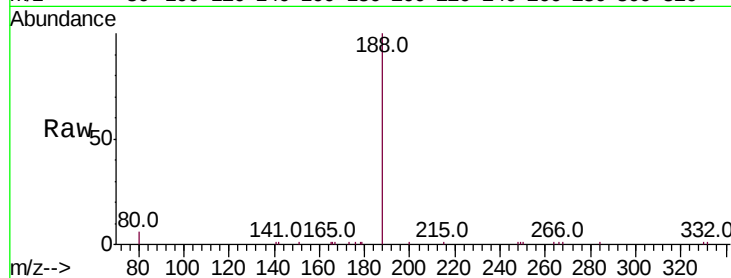
Tot Ion:188 Resp: 6665

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 6.4 7.6 11.4#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.337 ng

RT: 15.23 min Scan# 1352

Delta R.T. -0.02 min

Lab File: BN011588.D

Acq: 22 Aug 2020 15:44

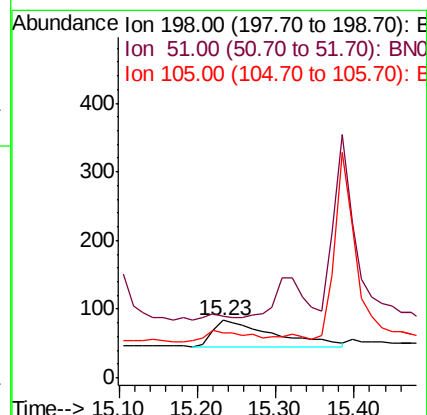
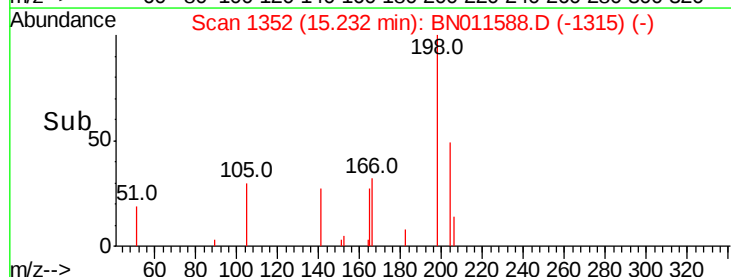
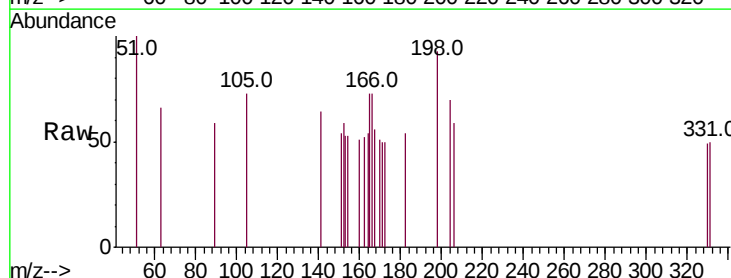
Tgt Ion:198 Resp: 215

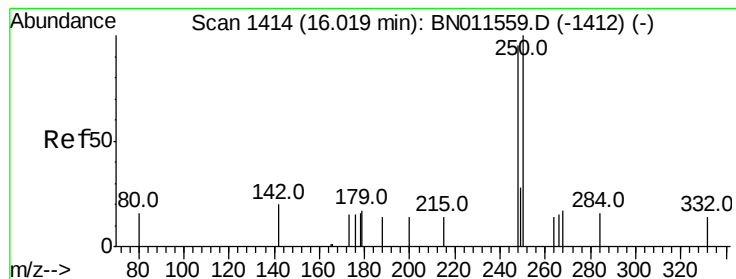
Ion Ratio Lower Upper

198 100

51 107.1 89.4 134.2

105 78.6 70.6 105.8





#21

4-Bromophenyl-phenylether

Concen: 0.295 ng

RT: 16.02 min Scan# 1414

Delta R.T. 0.00 min

Lab File: BN011588.D

Acq: 22 Aug 2020 15:44

Instrument :

BNA_N

ClientSampleId :

PB131113BS

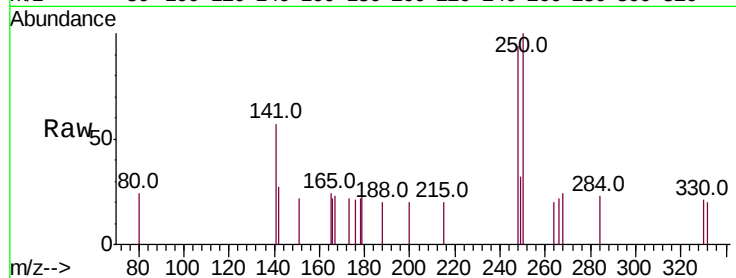
Tot Ion:248 Resp: 430

Ion Ratio Lower Upper

248 100

250 106.8 83.8 125.8

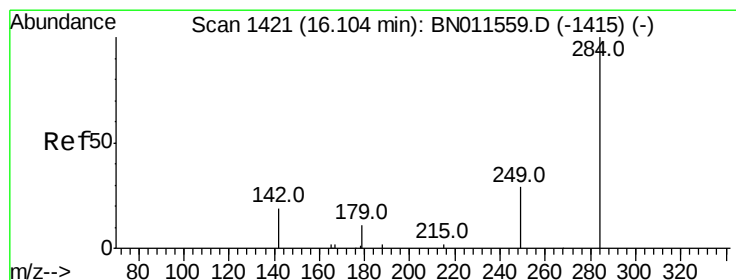
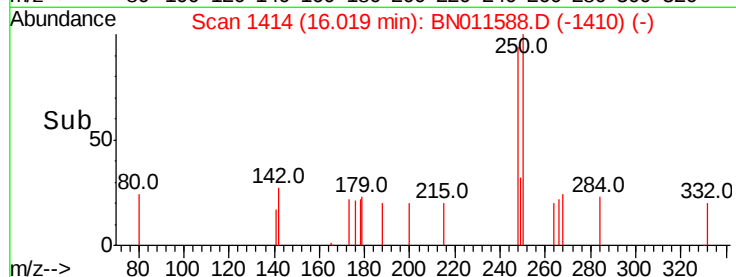
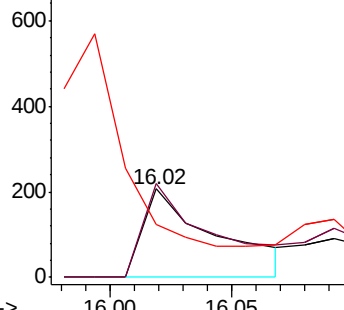
141 60.4 41.0 61.6



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#22

Hexachlorobenzene

Concen: 0.349 ng

RT: 16.09 min Scan# 1420

Delta R.T. -0.01 min

Lab File: BN011588.D

Acq: 22 Aug 2020 15:44

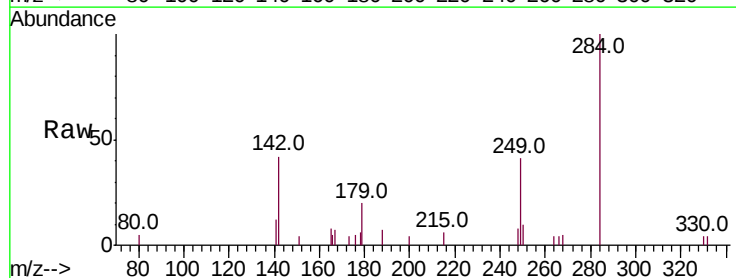
Tgt Ion:284 Resp: 1793

Ion Ratio Lower Upper

284 100

142 36.9 29.7 44.5

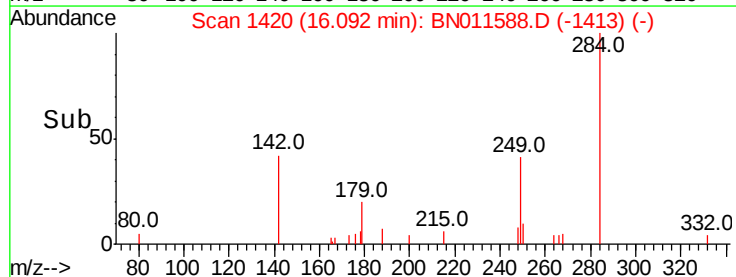
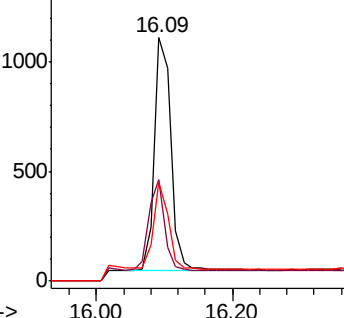
249 34.4 26.8 40.2

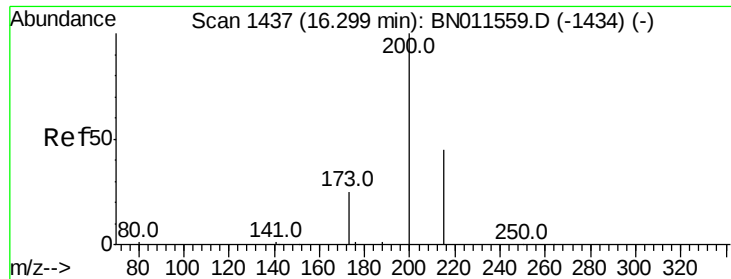


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

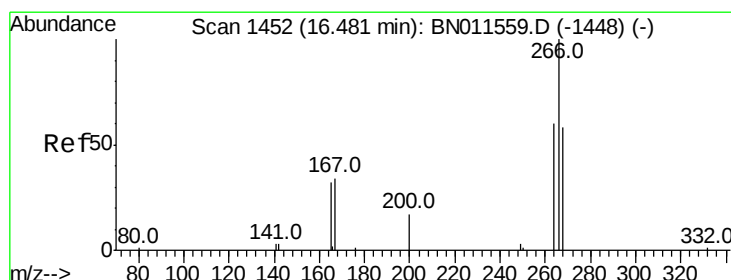
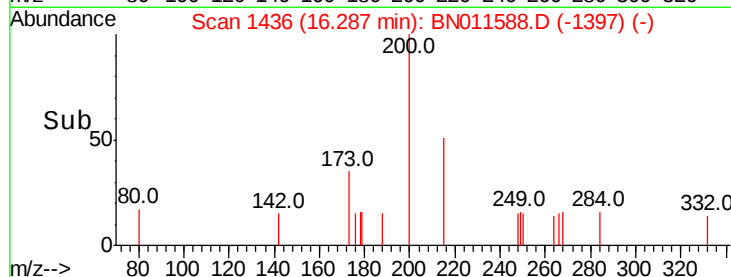
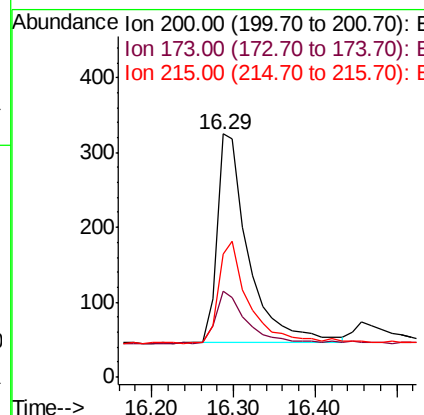
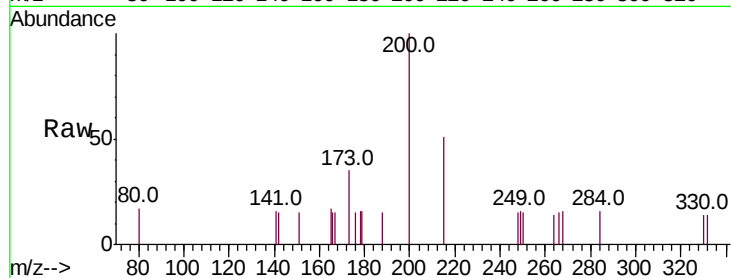




#23
Atrazine
Concen: 0.216 ng
RT: 16.29 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BN011588.D
Acq: 22 Aug 2020 15:44

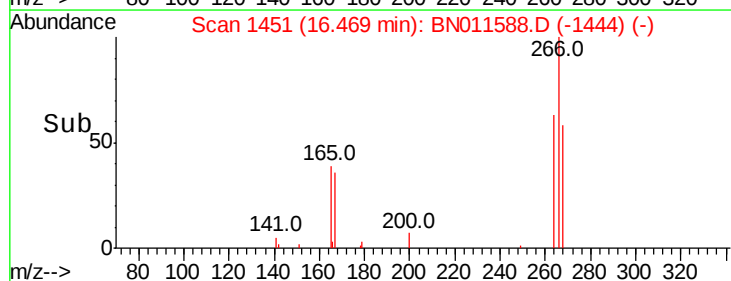
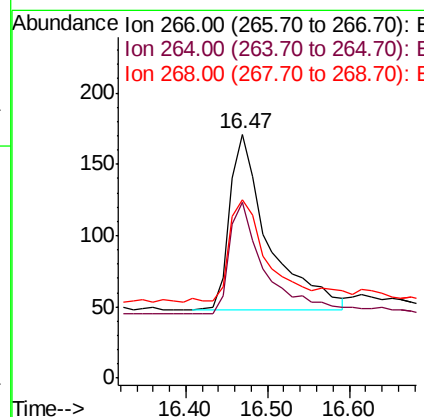
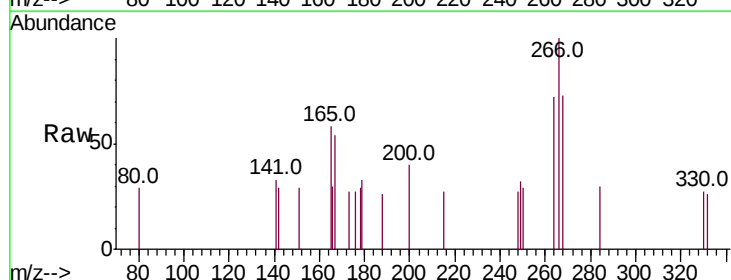
Instrument :
BNA_N
ClientSampleId :
PB131113BS

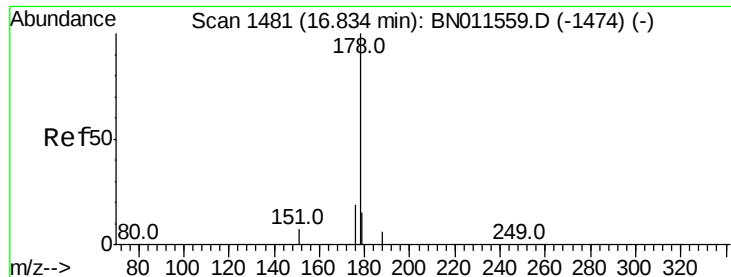
Tot Ion:200 Resp: 748
Ion Ratio Lower Upper
200 100
173 35.1 27.7 41.5
215 50.8 41.5 62.3



#24
Pentachlorophenol
Concen: 0.253 ng
RT: 16.47 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BN011588.D
Acq: 22 Aug 2020 15:44

Tgt Ion:266 Resp: 405
Ion Ratio Lower Upper
266 100
264 64.2 48.7 73.1
268 59.8 51.0 76.6





#25

Phenanthrene

Concen: 0.347 ng

RT: 16.82 min Scan# 1480

Delta R.T. -0.01 min

Lab File: BN011588.D

Acq: 22 Aug 2020 15:44

Instrument :

BNA_N

ClientSampleId :

PB131113BS

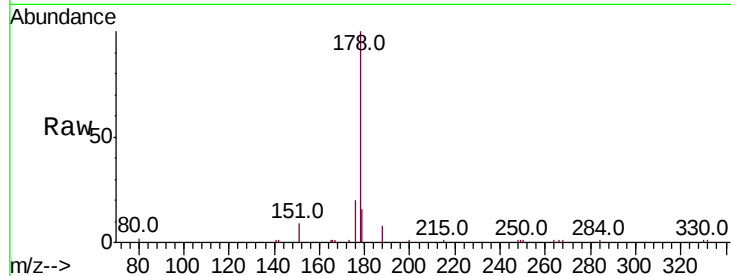
Tot Ion:178 Resp: 7271

Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.4

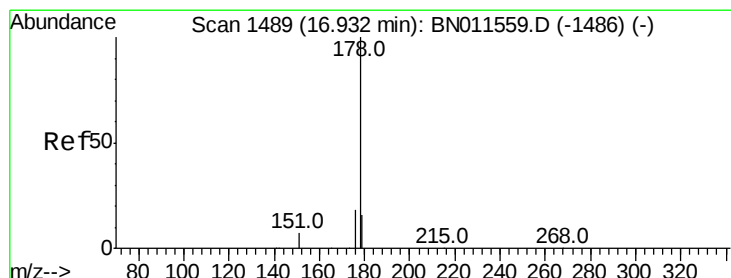
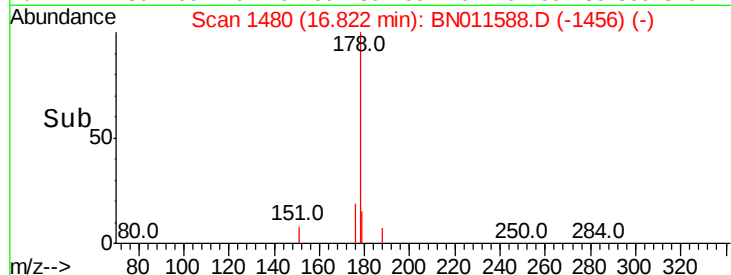
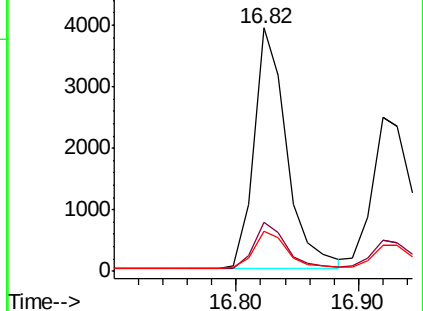
179 15.4 12.3 18.5



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



#26

Anthracene

Concen: 0.343 ng

RT: 16.92 min Scan# 1488

Delta R.T. -0.01 min

Lab File: BN011588.D

Acq: 22 Aug 2020 15:44

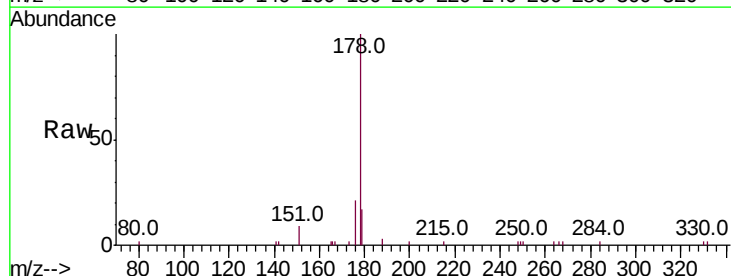
Tgt Ion:178 Resp: 6001

Ion Ratio Lower Upper

178 100

176 18.9 14.4 21.6

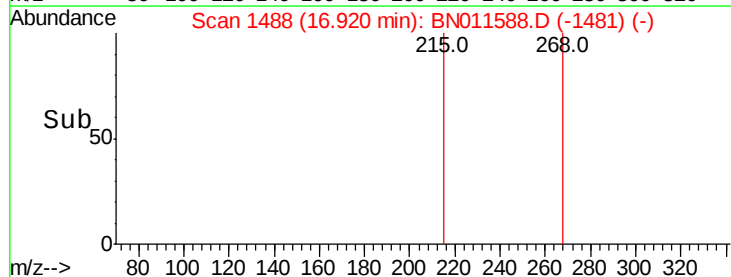
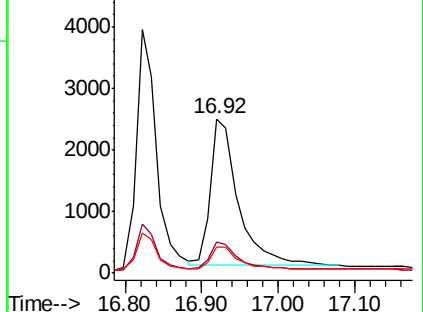
179 15.3 12.9 19.3

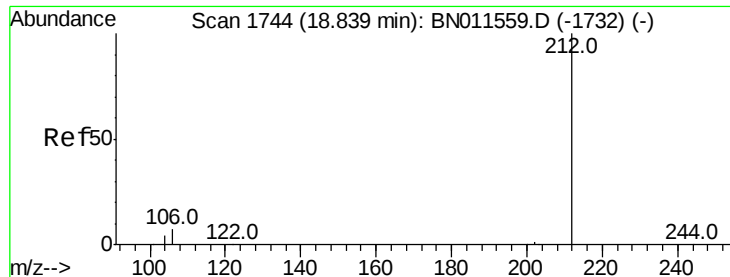


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

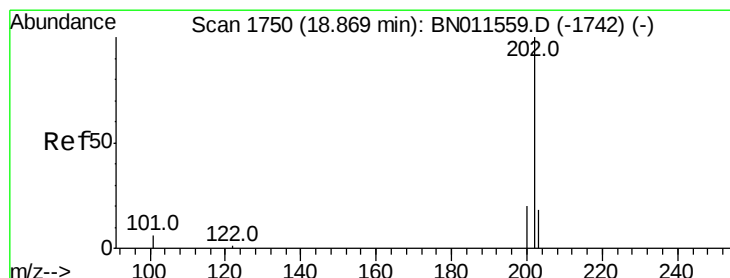
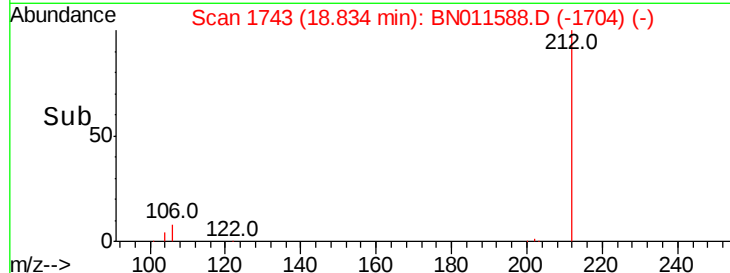
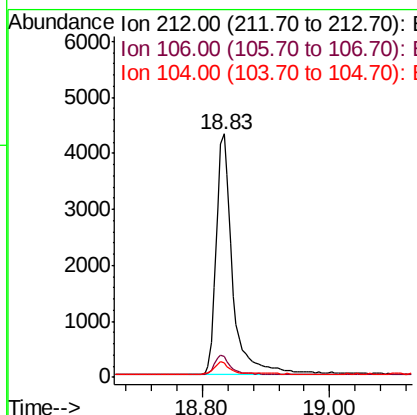
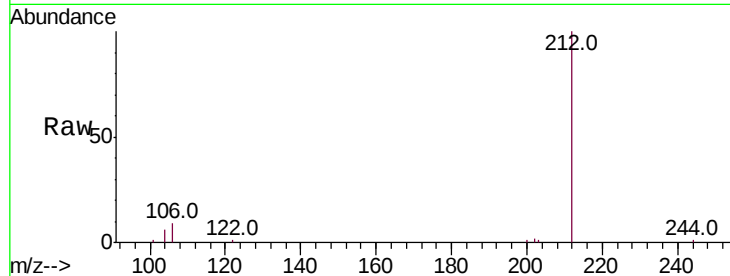




#27
 Fluoranthene-d10
 Concen: 0.347 ng
 RT: 18.83 min Scan# 1743
 Delta R.T. -0.00 min
 Lab File: BN011588.D
 Acq: 22 Aug 2020 15:44

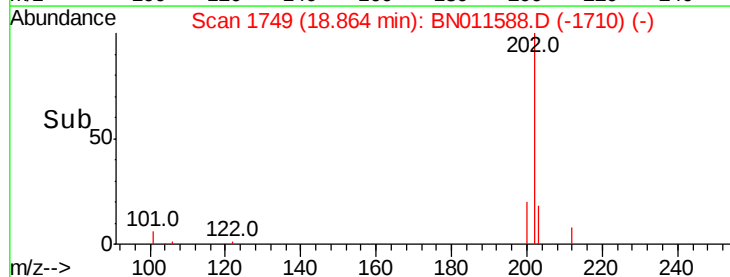
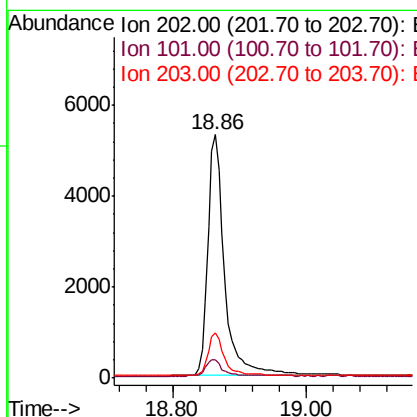
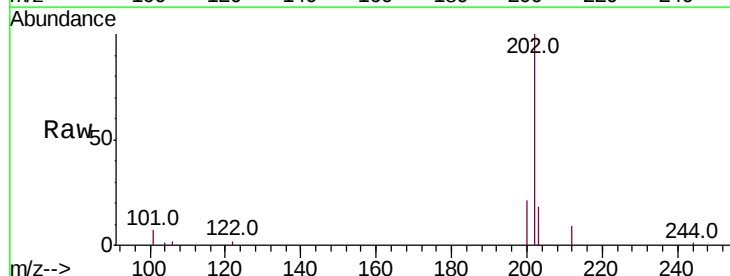
Instrument :
 BNA_N
 ClientSampleId :
 PB131113BS

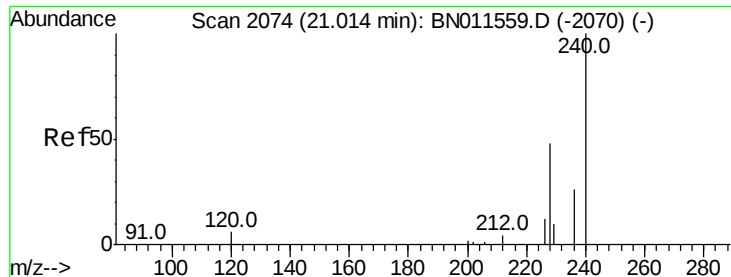
Tot Ion:212 Resp: 7802
 Ion Ratio Lower Upper
 212 100
 106 7.9 6.2 9.2
 104 4.8 3.8 5.6



#28
 Fluoranthene
 Concen: 0.345 ng
 RT: 18.86 min Scan# 1749
 Delta R.T. -0.00 min
 Lab File: BN011588.D
 Acq: 22 Aug 2020 15:44

Tgt Ion:202 Resp: 9315
 Ion Ratio Lower Upper
 202 100
 101 6.6 5.2 7.8
 203 17.5 13.6 20.4

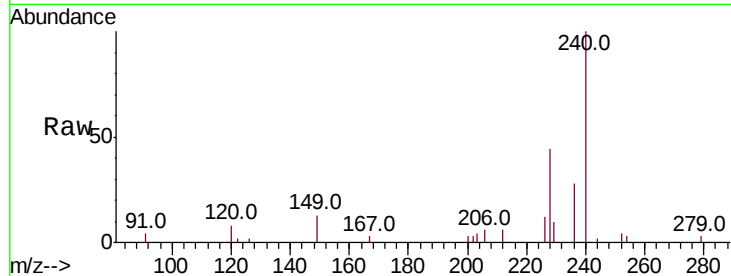




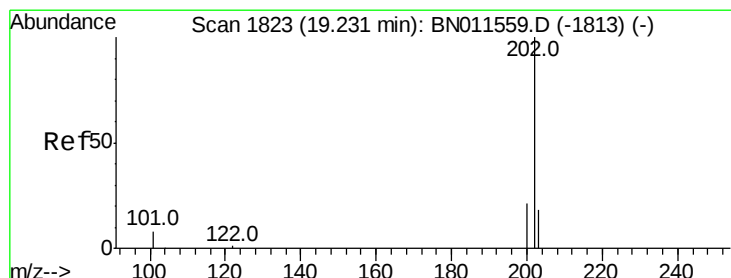
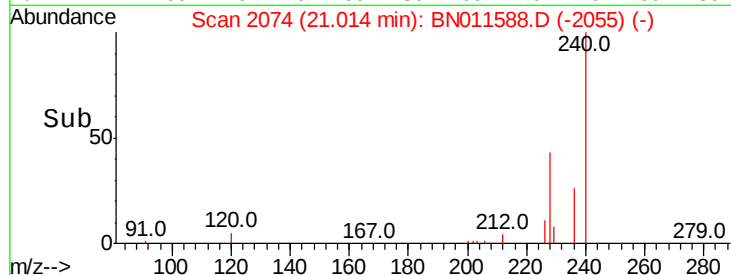
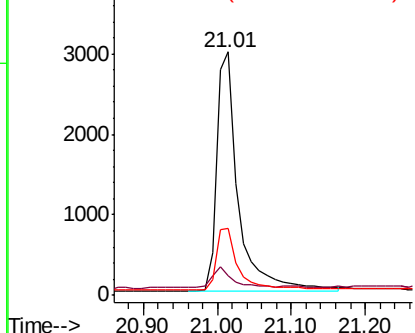
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.01 min Scan# 2074
Delta R.T. 0.00 min
Lab File: BN011588.D
Acq: 22 Aug 2020 15:44

Instrument :
BNA_N
ClientSampleId :
PB131113BS

Tot Ion:240 Resp: 6196
Ion Ratio Lower Upper
240 100
120 7.8 7.4 11.0
236 27.6 22.3 33.5

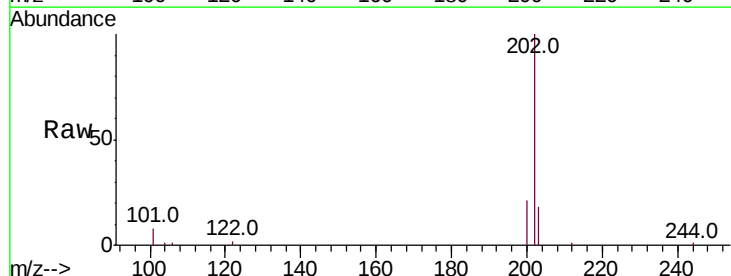


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

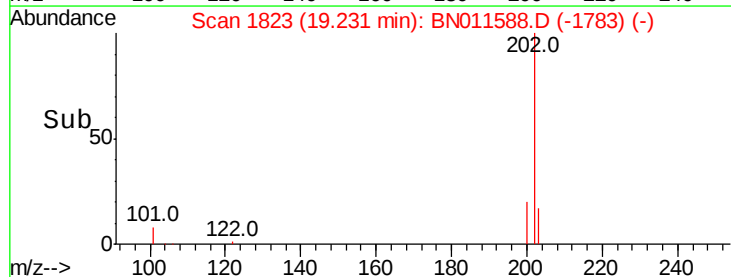
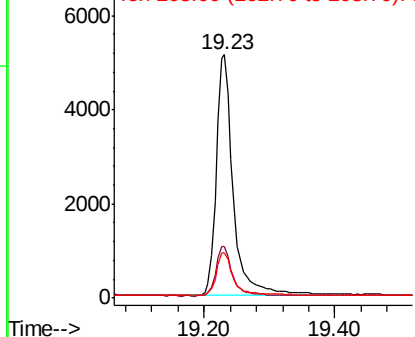


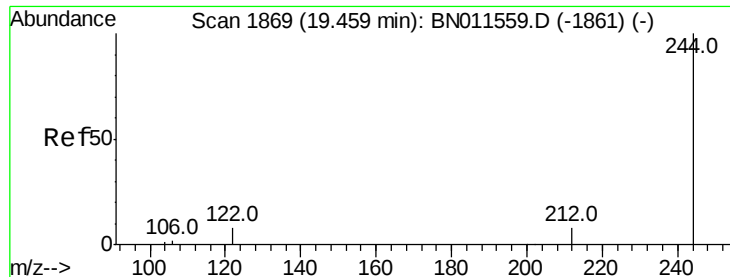
#30
Pyrene
Concen: 0.375 ng
RT: 19.23 min Scan# 1823
Delta R.T. 0.00 min
Lab File: BN011588.D
Acq: 22 Aug 2020 15:44

Tgt Ion:202 Resp: 9233
Ion Ratio Lower Upper
202 100
200 20.2 16.6 25.0
203 17.8 14.2 21.2



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#31

Terphenyl-d14

Concen: 0.354 ng

RT: 19.45 min Scan# 1868

Delta R.T. -0.00 min

Lab File: BN011588.D

Acq: 22 Aug 2020 15:44

Instrument :

BNA_N

ClientSampleId :

PB131113BS

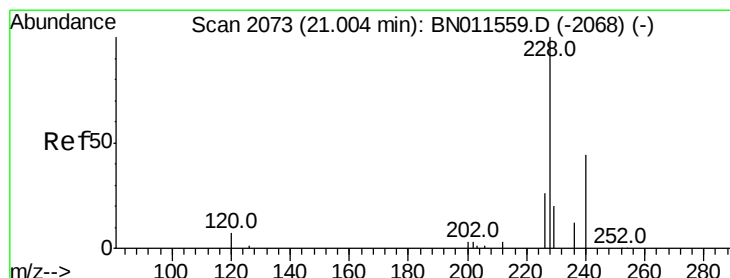
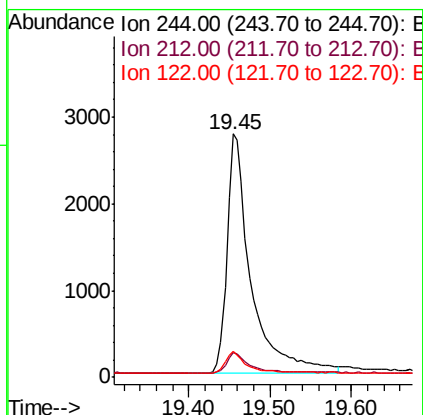
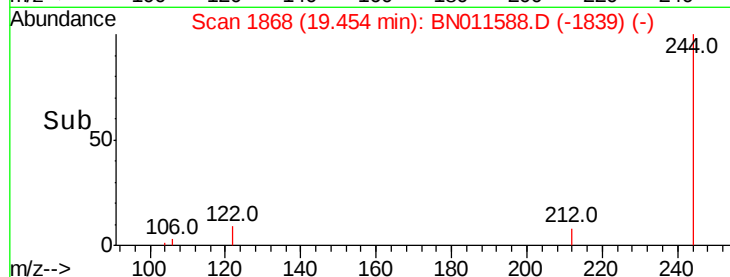
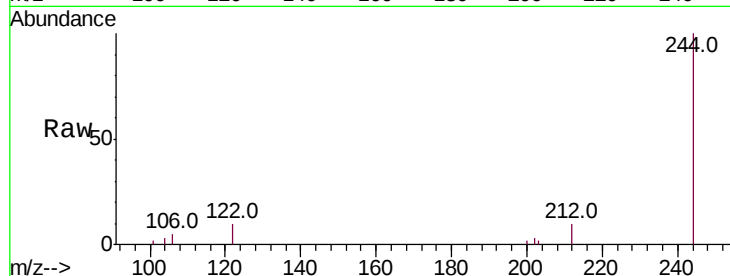
Tot Ion:244 Resp: 5717

Ion Ratio Lower Upper

244 100

212 10.4 8.2 12.4

122 10.5 8.0 12.0



#32

Benzo(a)anthracene

Concen: 0.335 ng

RT: 20.99 min Scan# 2072

Delta R.T. -0.01 min

Lab File: BN011588.D

Acq: 22 Aug 2020 15:44

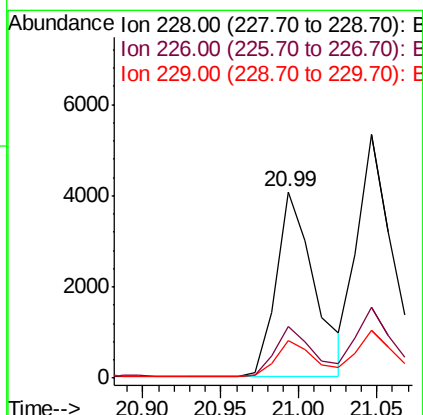
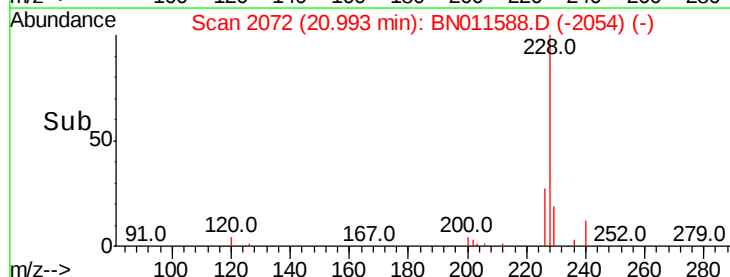
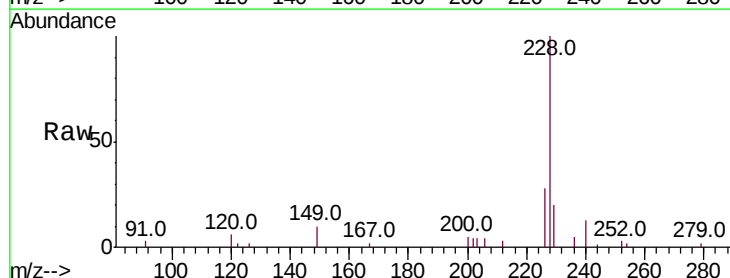
Tgt Ion:228 Resp: 6827

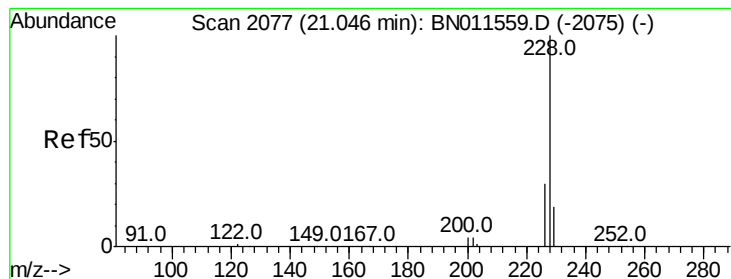
Ion Ratio Lower Upper

228 100

226 27.7 22.2 33.2

229 20.0 16.9 25.3





#33

Chrysene

Concen: 0.377 ng

RT: 21.05 min Scan# 2077

Delta R.T. 0.00 min

Lab File: BN011588.D

Acq: 22 Aug 2020 15:44

Instrument :

BNA_N

ClientSampleId :

PB131113BS

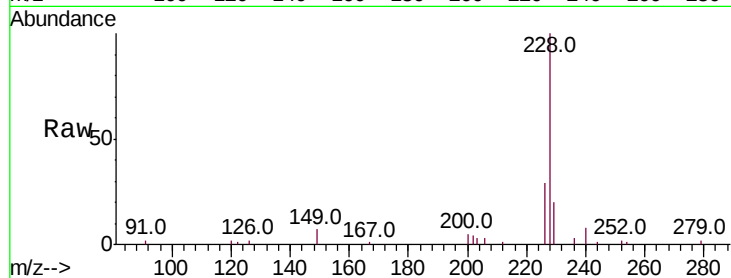
Tot Ion:228 Resp: 8737

Ion Ratio Lower Upper

228 100

226 29.3 24.5 36.7

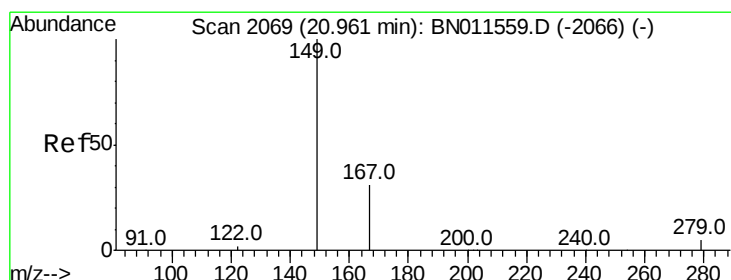
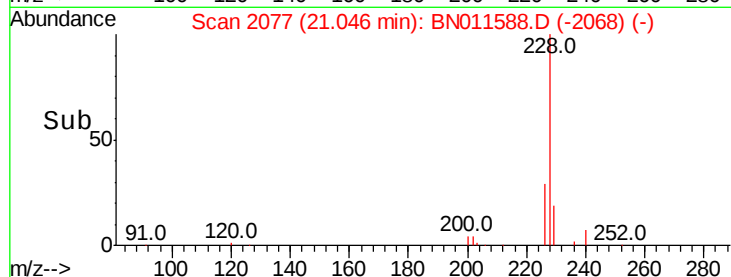
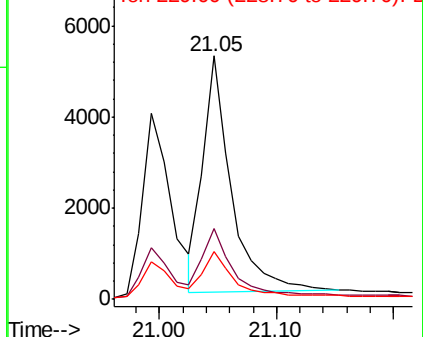
229 19.6 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.324 ng

RT: 20.95 min Scan# 2068

Delta R.T. -0.01 min

Lab File: BN011588.D

Acq: 22 Aug 2020 15:44

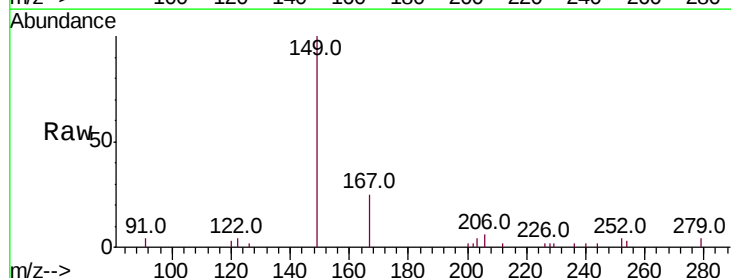
Tgt Ion:149 Resp: 2992

Ion Ratio Lower Upper

149 100

167 28.0 22.8 34.2

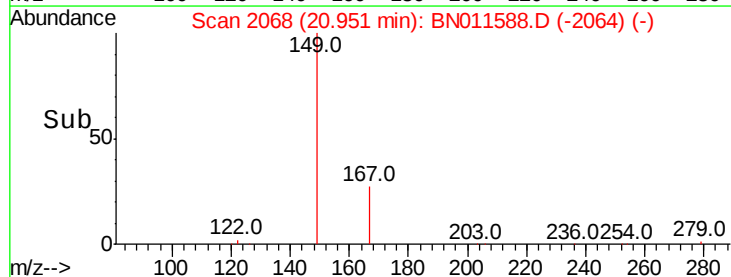
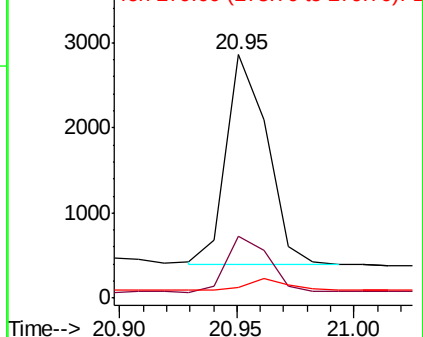
279 5.7 4.2 6.2

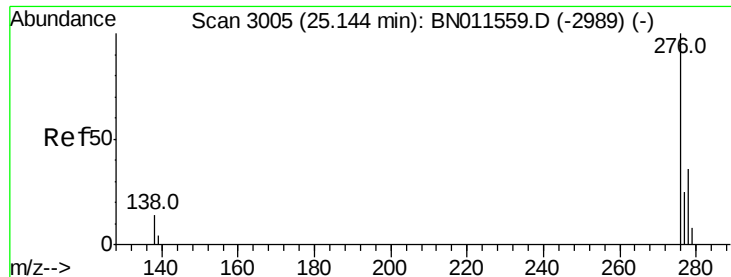


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

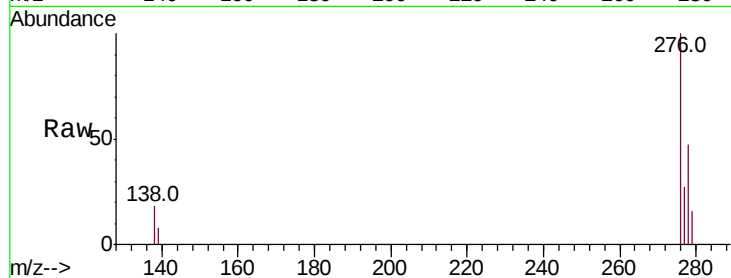




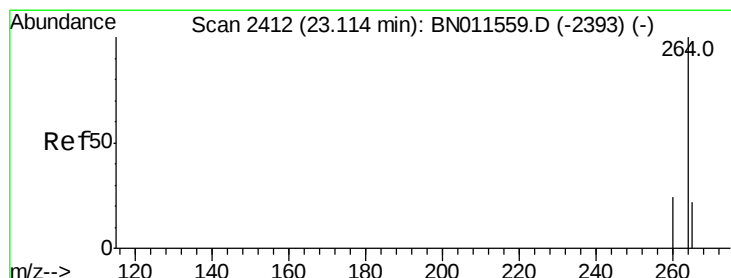
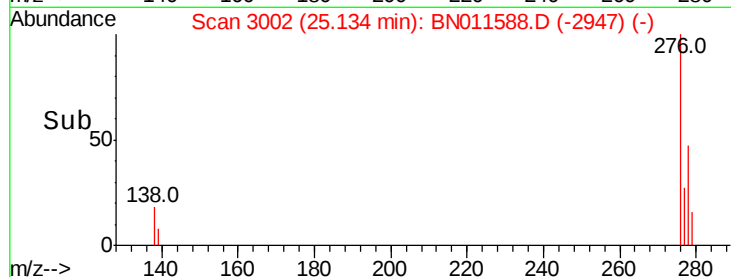
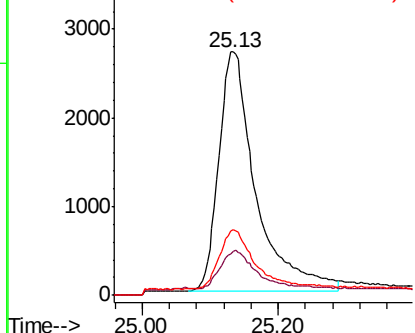
#35
 Indeno(1,2,3-cd)pyrene
 Concen: 0.484 ng
 RT: 25.13 min Scan# 3002
 Delta R.T. -0.01 min
 Lab File: BN011588.D
 Acq: 22 Aug 2020 15:44

Instrument :
 BNA_N
 ClientSampleId :
 PB131113BS

Tot Ion:276 Resp: 10183
 Ion Ratio Lower Upper
 276 100
 138 14.7 11.6 17.4
 277 23.5 18.2 27.4

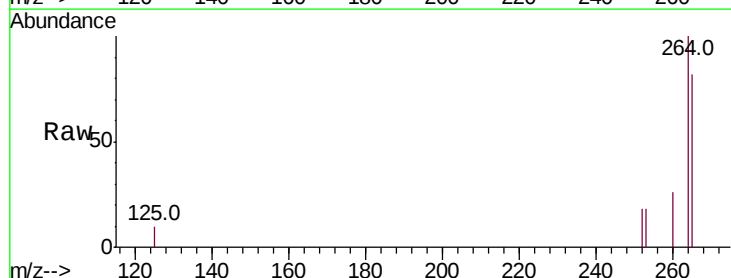


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

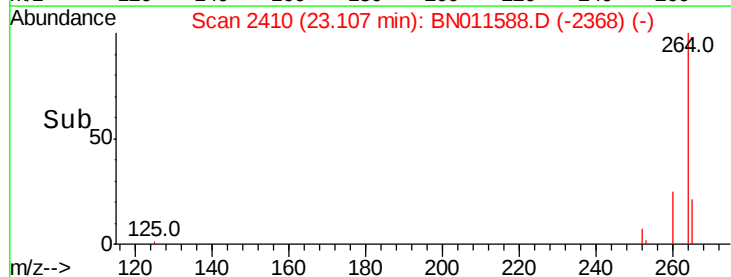
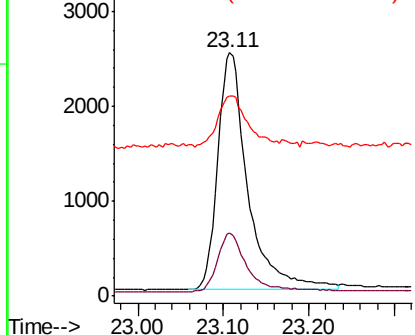


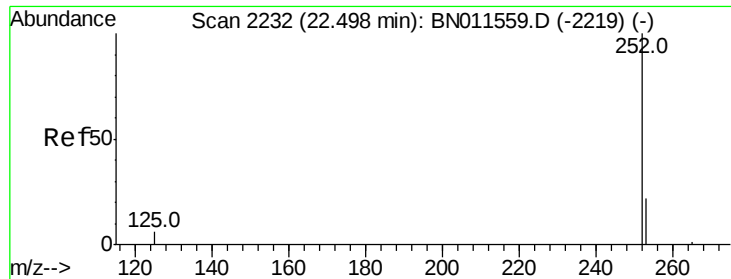
#36
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.11 min Scan# 2410
 Delta R.T. -0.01 min
 Lab File: BN011588.D
 Acq: 22 Aug 2020 15:44

Tgt Ion:264 Resp: 6144
 Ion Ratio Lower Upper
 264 100
 260 26.1 20.3 30.5
 265 82.1 96.1 144.1#



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

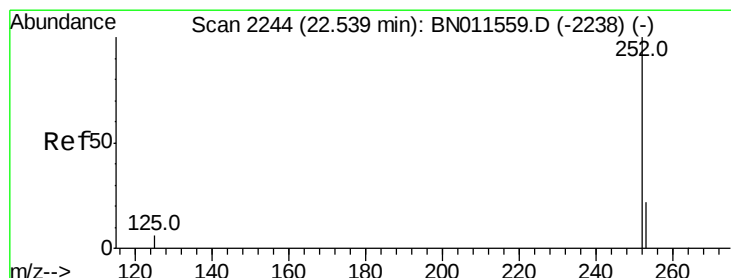
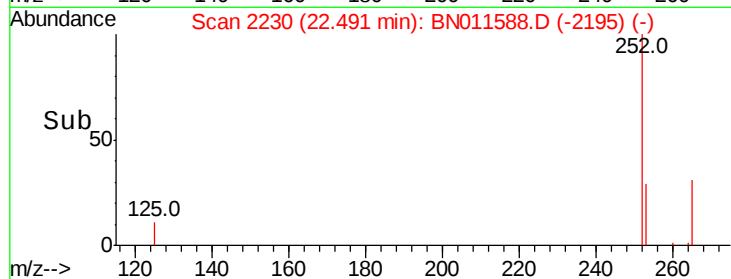
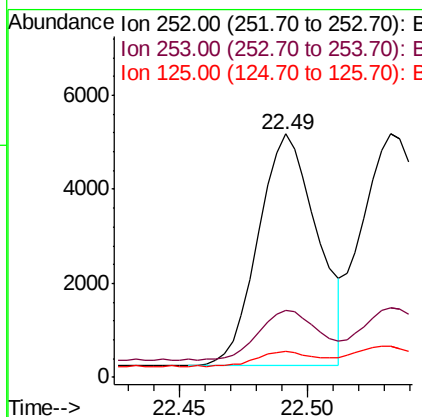
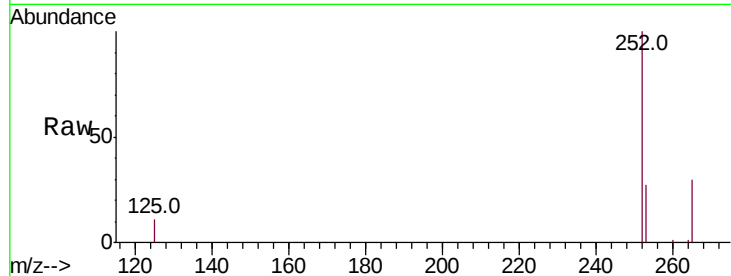




#37
Benzo(b)fluoranthene
Concen: 0.348 ng
RT: 22.49 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BN011588.D
Acq: 22 Aug 2020 15:44

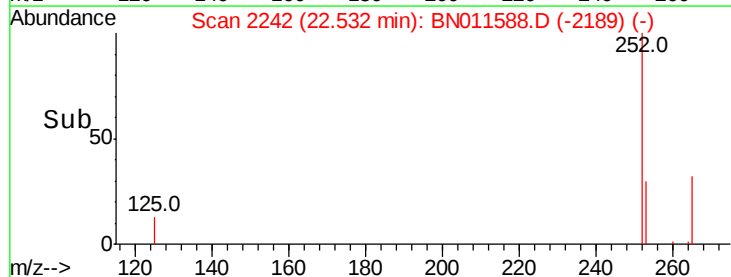
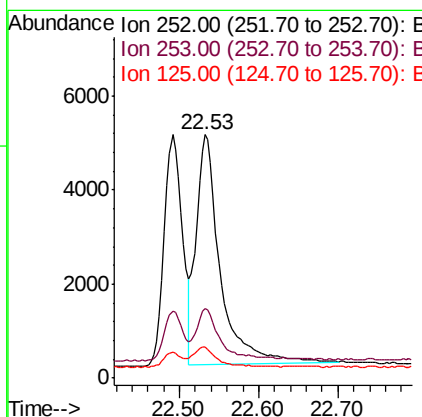
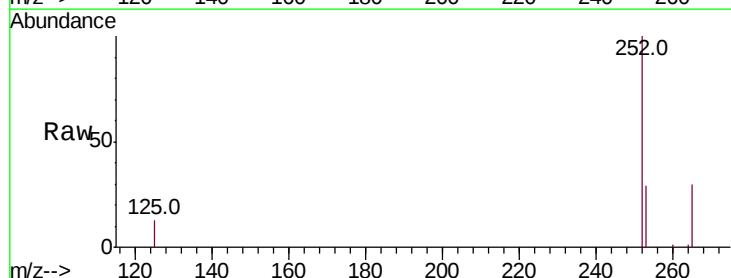
Instrument :
BNA_N
ClientSampleId :
PB131113BS

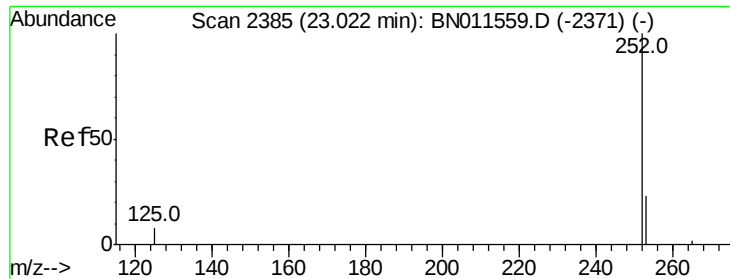
Tot Ion:252 Resp: 7896
Ion Ratio Lower Upper
252 100
253 27.3 25.5 38.3
125 10.9 10.2 15.4



#38
Benzo(k)fluoranthene
Concen: 0.387 ng
RT: 22.53 min Scan# 2242
Delta R.T. -0.01 min
Lab File: BN011588.D
Acq: 22 Aug 2020 15:44

Tgt Ion:252 Resp: 10464
Ion Ratio Lower Upper
252 100
253 28.6 25.8 38.6
125 12.6 10.8 16.2





#39

Benzo(a)pyrene

Concen: 0.357 ng

RT: 23.02 min Scan# 2384

Delta R.T. -0.00 min

Lab File: BN011588.D

Acq: 22 Aug 2020 15:44

Instrument :

BNA_N

ClientSampleId :

PB131113BS

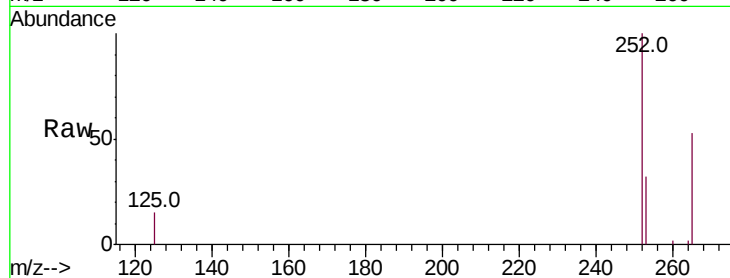
Tot Ion:252 Resp: 7495

Ion Ratio Lower Upper

252 100

253 32.4 31.8 47.8

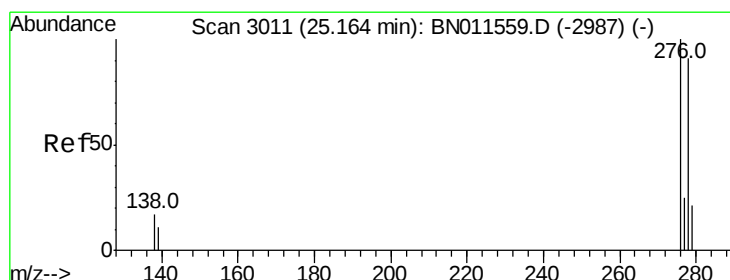
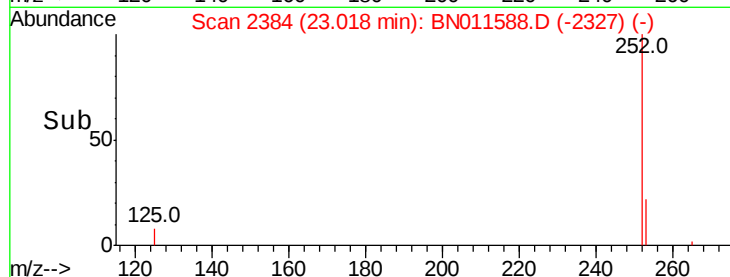
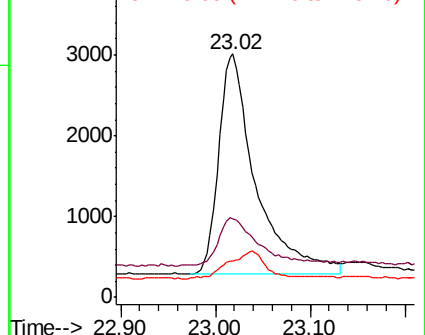
125 15.1 15.4 23.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#40

Dibenzo(a,h)anthracene

Concen: 0.462 ng

RT: 25.15 min Scan# 3008

Delta R.T. -0.01 min

Lab File: BN011588.D

Acq: 22 Aug 2020 15:44

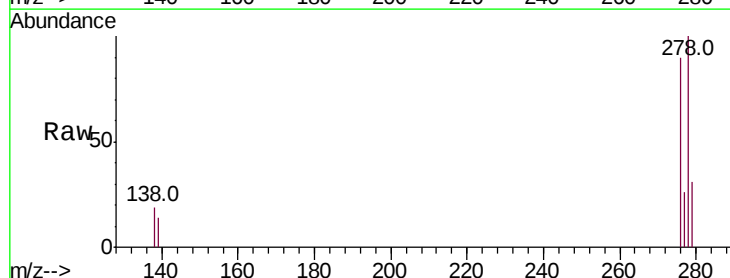
Tgt Ion:278 Resp: 8118

Ion Ratio Lower Upper

278 100

139 13.5 14.0 21.0#

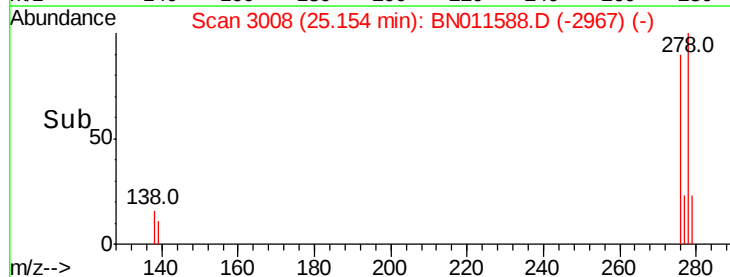
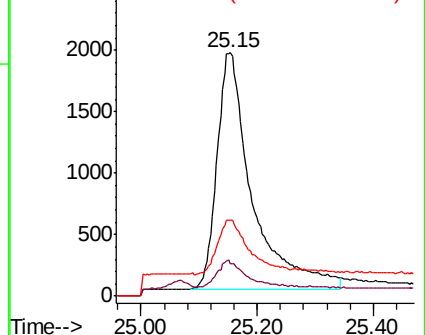
279 31.0 32.4 48.6#

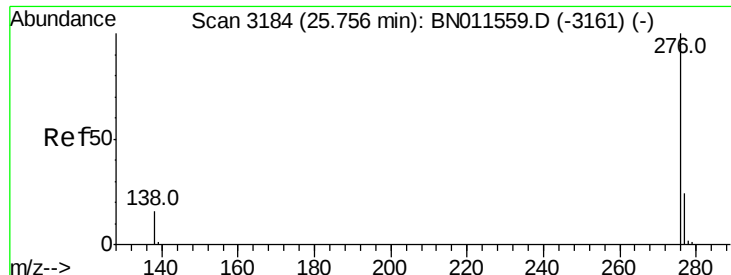


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#41

Benzo(a,h,i)perylene

Concen: 0.444 ng

RT: 25.75 min Scan# 3182

Delta R.T. -0.01 min

Lab File: BN011588.D

Acq: 22 Aug 2020 15:44

Instrument :

BNA_N

ClientSampleId :

PB131113BS

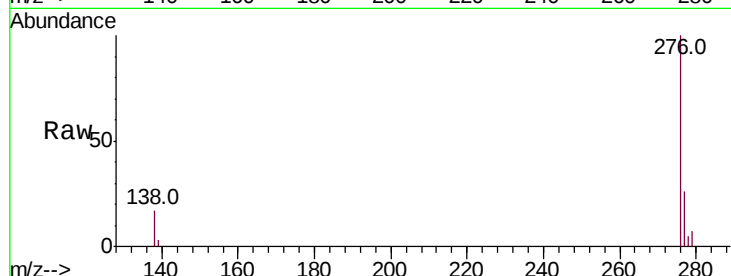
Tot Ion:276 Resp: 9317

Ion Ratio Lower Upper

276 100

277 25.6 22.1 33.1

138 16.7 15.4 23.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

