

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081920\
 Data File : BN011518.D
 Acq On : 19 Aug 2020 16:07
 Operator : CG/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 ICVBN081920

Quant Time: Aug 19 16:49:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN081920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 19 15:54:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	1120	0.40	ng	0.00
7) Naphthalene-d8	10.17	136	3801	0.40	ng	0.00
13) Acenaphthene-d10	14.07	164	2045	0.40	ng	0.00
19) Phenanthrene-d10	16.82	188	4856	0.40	ng	0.00
29) Chrysene-d12	21.05	240	5329	0.40	ng	0.00
36) Perylene-d12	23.16	264	4747	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.10	112	1013	0.39	ng	0.00
5) Phenol-d6	6.64	99	1181	0.39	ng	-0.02
8) Nitrobenzene-d5	8.58	82	1102	0.36	ng	-0.01
11) 2-Methylnaphthalene-d10	11.78	152	2193	0.31	ng	0.00
14) 2,4,6-Tribromophenol	15.57	330	301	0.33	ng	0.00
15) 2-Fluorobiphenyl	12.68	172	3266	0.36	ng	0.00
27) Fluoranthene-d10	18.86	212	4922	0.33	ng	0.00
31) Terphenyl-d14	19.48	244	4132	0.35	ng	0.00

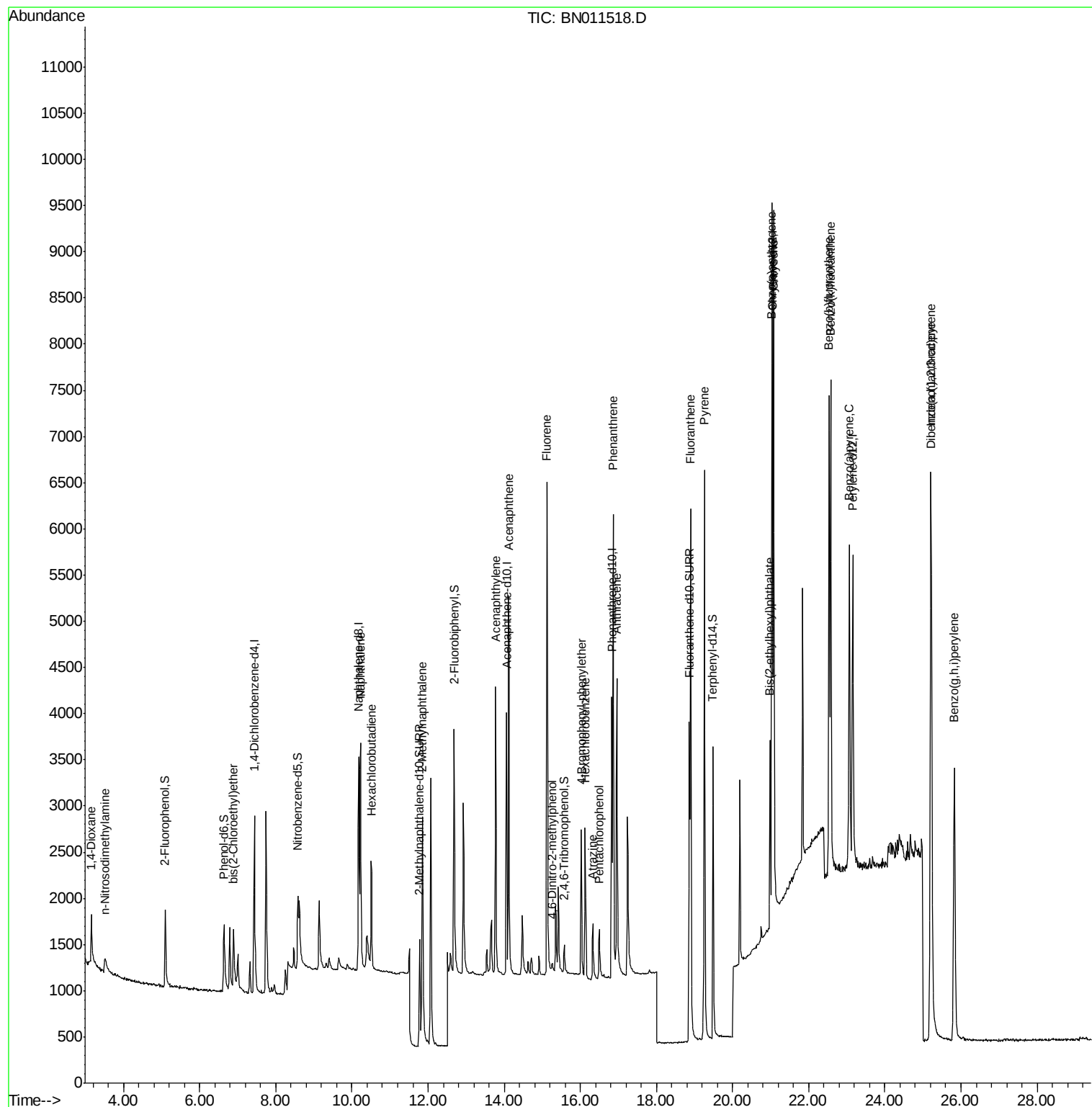
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.16	88	575	0.395	ng	95
3) n-Nitrosodimethylamine	3.50	42	224	0.371	ng	# 1
6) bis(2-Chloroethyl)ether	6.89	93	1029	0.433	ng	# 84
9) Naphthalene	10.22	128	3943	0.356	ng	99
10) Hexachlorobutadiene	10.50	225	1051	0.366	ng	# 97
12) 2-Methylnaphthalene	11.85	142	2510	0.315	ng	99
16) Acenaphthylene	13.77	152	3704	0.361	ng	99
17) Acenaphthene	14.12	154	2432	0.367	ng	99
18) Fluorene	15.12	166	3157	0.370	ng	96
20) 4,6-Dinitro-2-methylphenol	15.26	198	173	0.408	ng	88
21) 4-Bromophenyl-phenylether	16.03	248	1313	0.254	ng	98
22) Hexachlorobenzene	16.13	284	1234	0.341	ng	98
23) Atrazine	16.32	200	727	0.308	ng	97
24) Pentachlorophenol	16.49	266	388	0.350	ng	92
25) Phenanthrene	16.86	178	5552	0.359	ng	99
26) Anthracene	16.96	178	4396	0.333	ng	99
28) Fluoranthene	18.89	202	6122	0.334	ng	99
30) Pvrene	19.26	202	6255	0.356	ng	99
32) Benzo(a)anthracene	21.02	228	5697	0.350	ng	99
33) Chrysene	21.08	228	6693	0.361	ng	99
34) Bis(2-ethylhexyl)phthalate	20.98	149	1992	0.344	ng	99
35) Indeno(1,2,3-cd)pyrene	25.21	276	8023	0.354	ng	99
37) Benzo(b)fluoranthene	22.54	252	6633	0.350	ng	99
38) Benzo(k)fluoranthene	22.58	252	6918	0.353	ng	98
39) Benzo(a)pyrene	23.06	252	5694	0.345	ng	99
40) Dibenzo(a,h)anthracene	25.22	278	6523	0.355	ng	97
41) Benzo(g,h,i)perylene	25.82	276	6373	0.331	ng	99

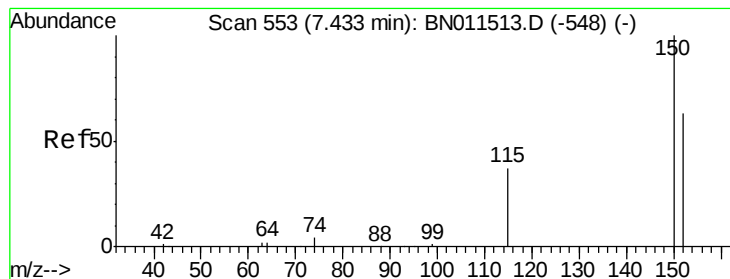
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.43 min Scan# 553

Delta R.T. 0.00 min

Lab File: BN011518.D

Acq: 19 Aug 2020 16:07

Instrument :

BNA_N

ClientSampleId :

ICVBN081920

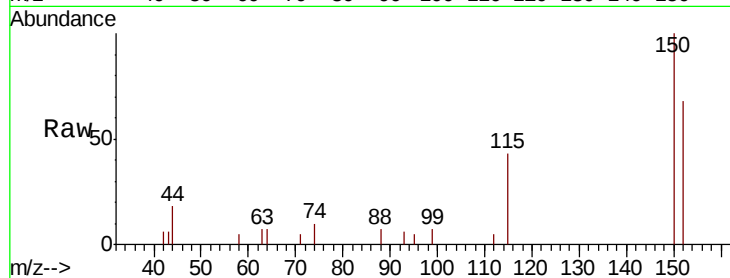
Tot Ion:152 Resp: 1120

Ion Ratio Lower Upper

152 100

150 147.1 121.6 182.4

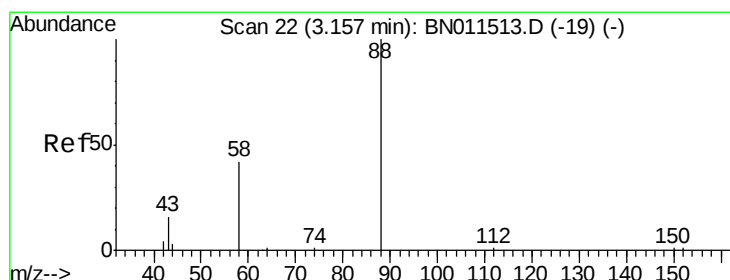
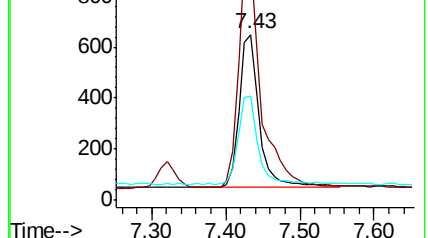
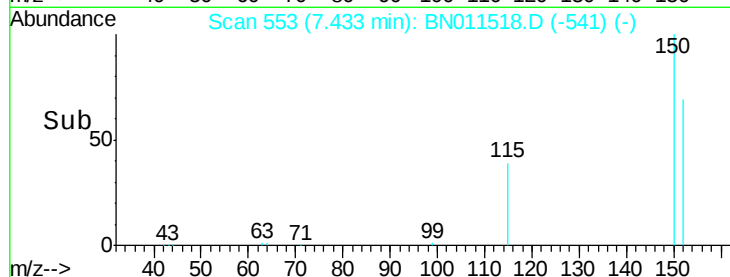
115 62.7 51.9 77.9



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: 0.395 ng

RT: 3.16 min Scan# 22

Delta R.T. 0.00 min

Lab File: BN011518.D

Acq: 19 Aug 2020 16:07

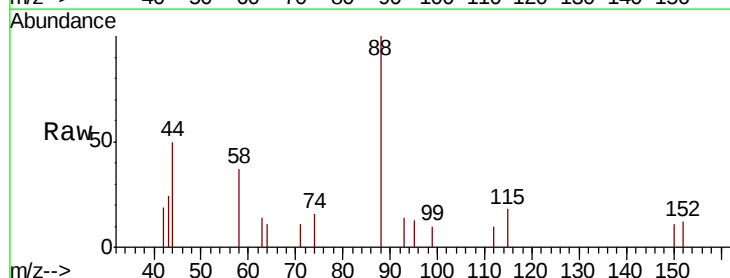
Tgt Ion: 88 Resp: 575

Ion Ratio Lower Upper

88 100

58 45.9 38.6 57.8

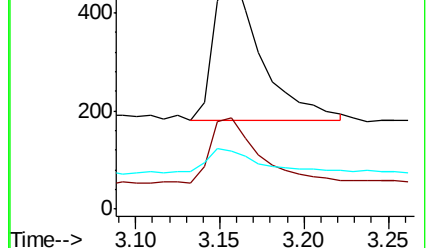
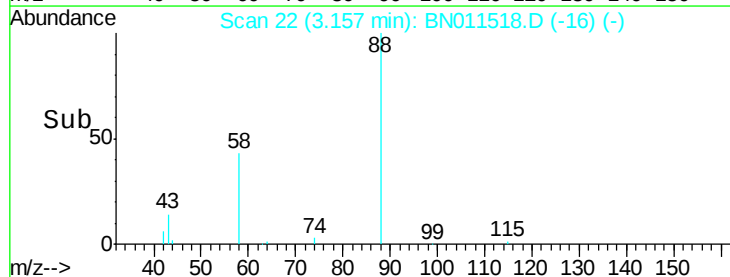
43 16.0 15.8 23.6

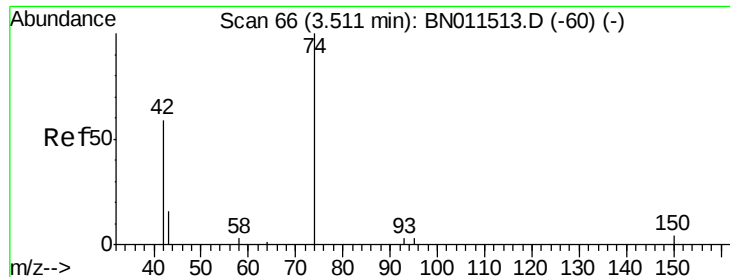


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.371 ng

RT: 3.50 min Scan# 65

Delta R.T. -0.01 min

Lab File: BN011518.D

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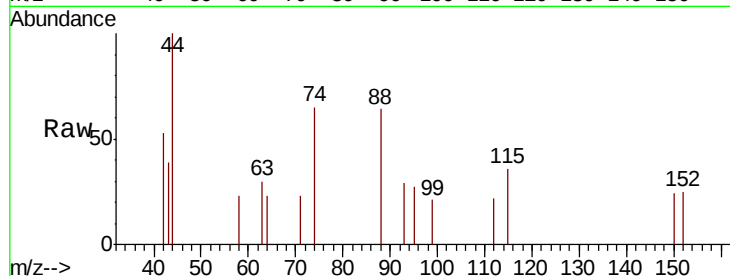
Tot Ion: 42 Resp: 224

Ion Ratio Lower Upper

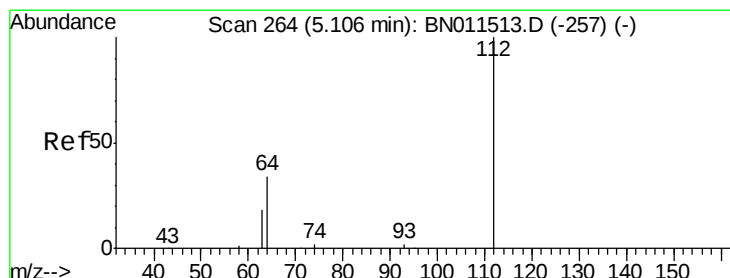
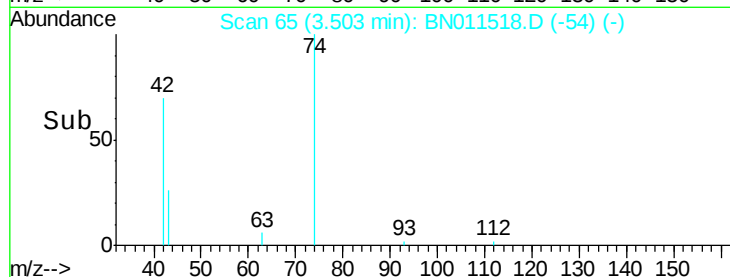
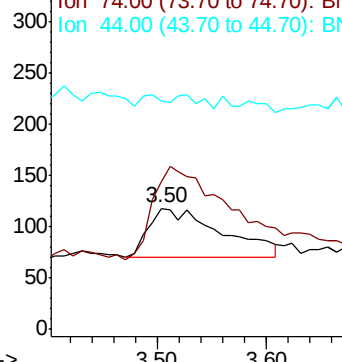
42 100

74 0.0 150.4 225.6#

44 8.5 0.0 0.0#



Abundance Ion 42.00 (41.70 to 42.70): BN0
Ion 74.00 (73.70 to 74.70): BN0
Ion 44.00 (43.70 to 44.70): BN0



#4

2-Fluorophenol

Concen: 0.388 ng

RT: 5.10 min Scan# 263

Delta R.T. -0.01 min

Lab File: BN011518.D

Acq: 19 Aug 2020 16:07

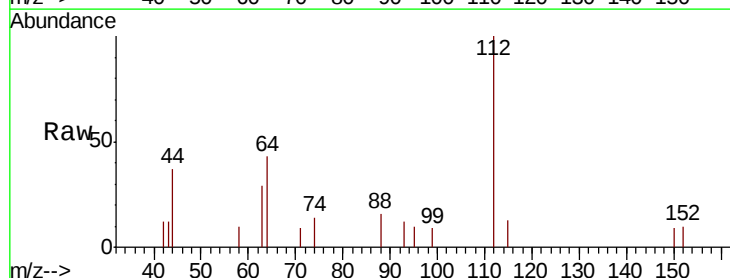
Tgt Ion: 112 Resp: 1013

Ion Ratio Lower Upper

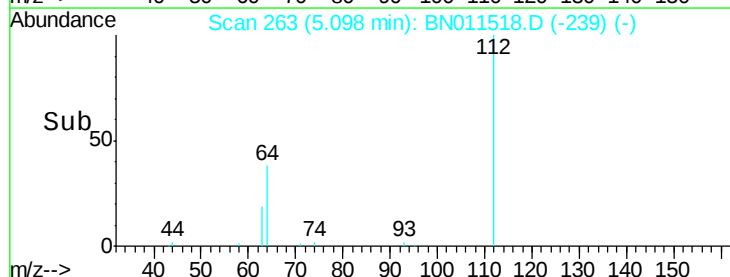
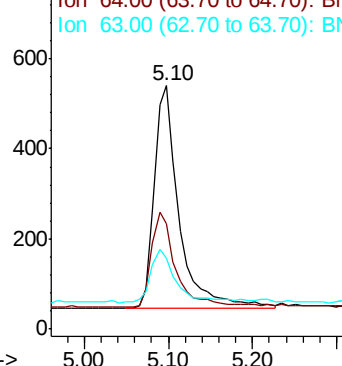
112 100

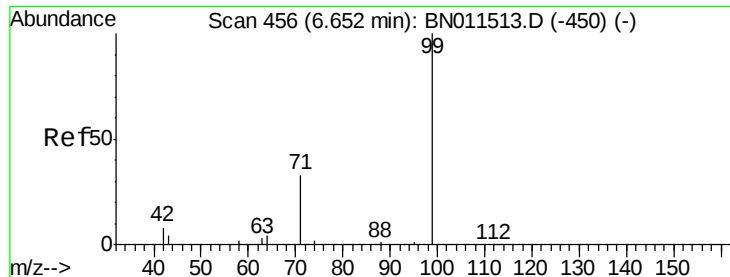
64 43.5 33.8 50.6

63 24.1 19.5 29.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BN0
Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.390 ng

RT: 6.64 min Scan# 454

Delta R.T. -0.02 min

Lab File: BN011518.D

Acq: 19 Aug 2020 16:07

Instrument :

BNA_N

ClientSampleId :

ICVBN081920

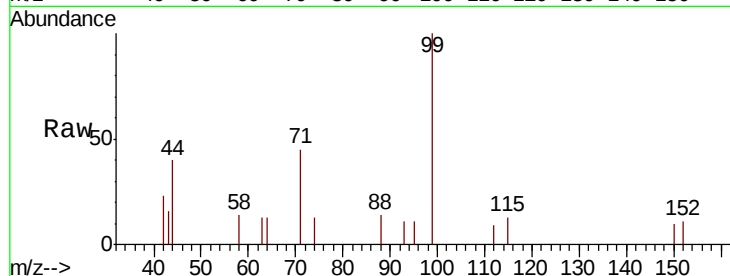
Tot Ion: 99 Resp: 1181

Ion Ratio Lower Upper

99 100

42 11.9 10.0 15.0

71 36.6 31.0 46.4



Abundance Ion 99.00 (98.70 to 99.70): BN011518.D (-450) (-)

Ion 42.00 (41.70 to 42.70): BN011518.D (-450) (-)

Ion 71.00 (70.70 to 71.70): BN011518.D (-450) (-)

6.64

500

400

300

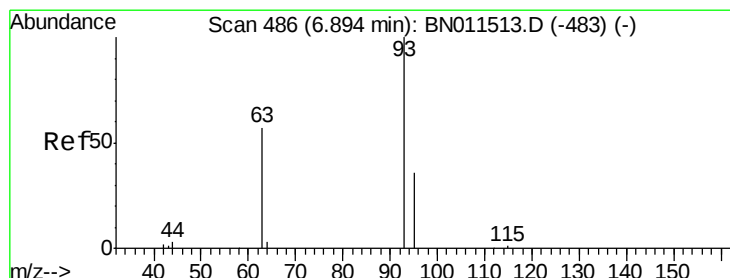
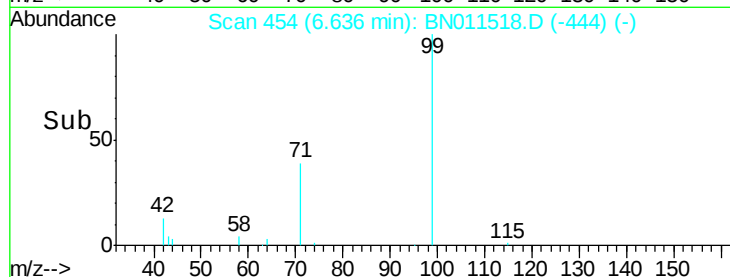
200

100

0

6.50 6.60 6.70 6.80 6.90

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.433 ng

RT: 6.89 min Scan# 485

Delta R.T. -0.01 min

Lab File: BN011518.D

Acq: 19 Aug 2020 16:07

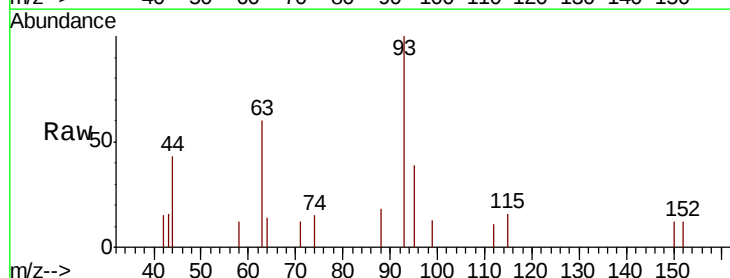
Tgt Ion: 93 Resp: 1029

Ion Ratio Lower Upper

93 100

63 46.6 45.4 68.2

95 28.1 31.8 47.8#



Abundance Ion 93.00 (92.70 to 93.70): BN011518.D (-483) (-)

Ion 63.00 (62.70 to 63.70): BN011518.D (-483) (-)

Ion 95.00 (94.70 to 95.70): BN011518.D (-483) (-)

6.89

800

600

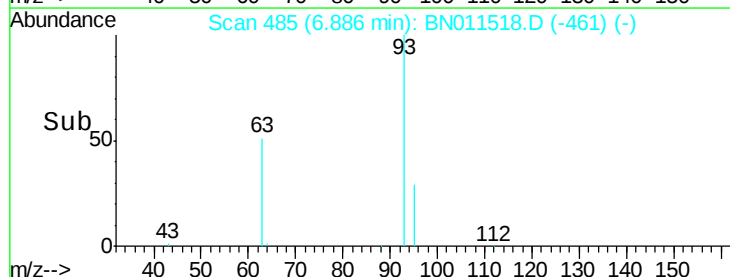
400

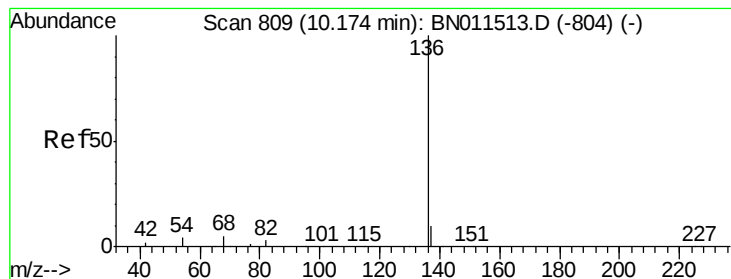
200

0

6.80 6.90 7.00 7.10

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.17 min Scan# 809

Delta R.T. 0.00 min

Lab File: BN011518.D

Acq: 19 Aug 2020 16:07

Instrument :

BNA_N

ClientSampleId :

ICVBN081920

Tot Ion:136 Resp: 3801

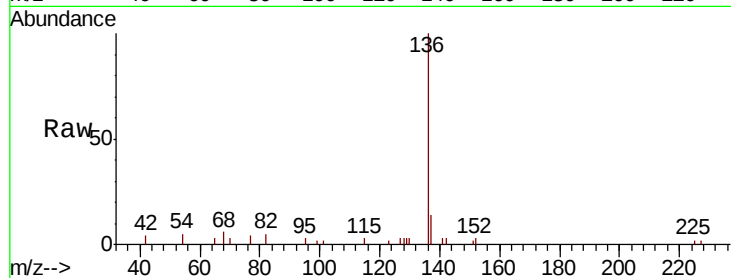
Ion Ratio Lower Upper

136 100

137 13.8 10.3 15.5

54 5.4 5.7 8.5#

68 5.8 6.0 9.0#

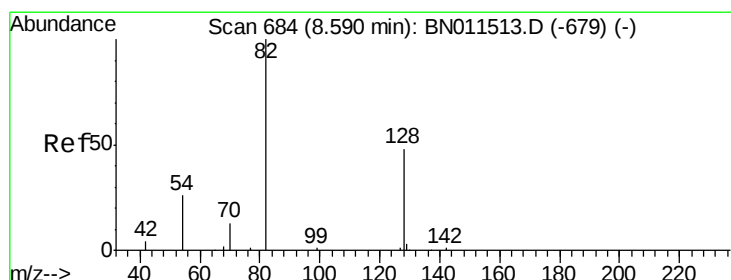
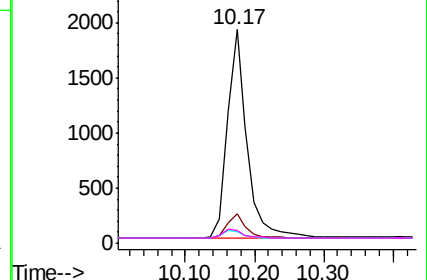
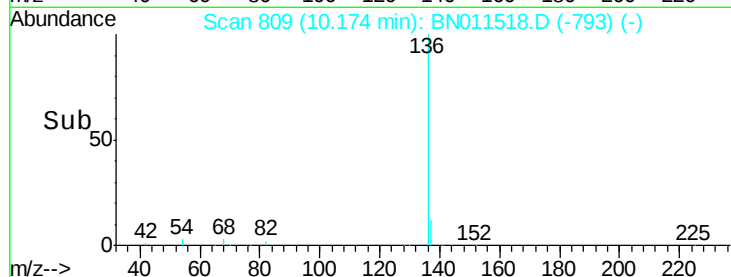


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.359 ng

RT: 8.58 min Scan# 683

Delta R.T. -0.01 min

Lab File: BN011518.D

Acq: 19 Aug 2020 16:07

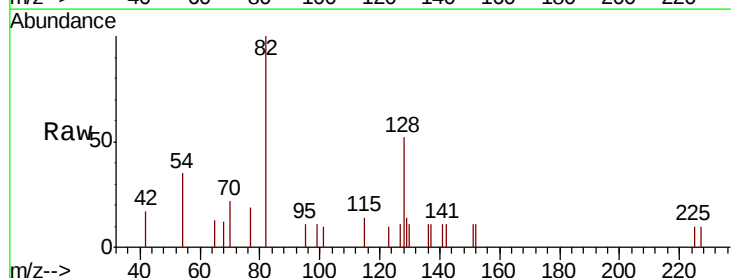
Tgt Ion: 82 Resp: 1102

Ion Ratio Lower Upper

82 100

128 51.5 44.6 66.8

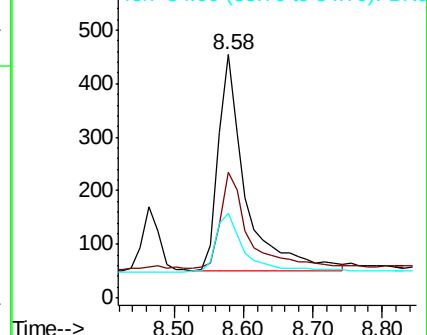
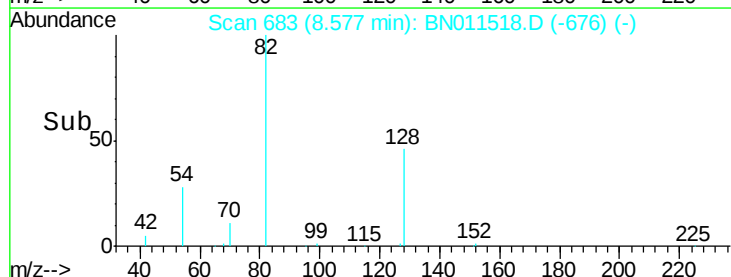
54 34.6 27.6 41.4

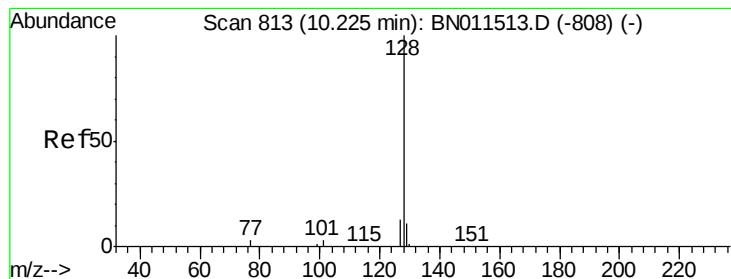


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.356 ng

RT: 10.22 min Scan# 813

Delta R.T. 0.00 min

Lab File: BN011518.D

Acq: 19 Aug 2020 16:07

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ClientSampleId :

ICVBN081920

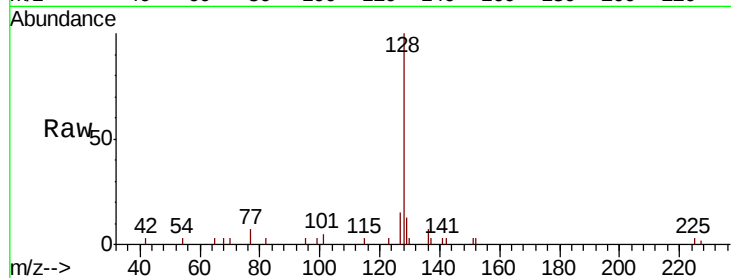
Tot Ion:128 Resp: 3943

Ion Ratio Lower Upper

128 100

129 13.3 11.1 16.7

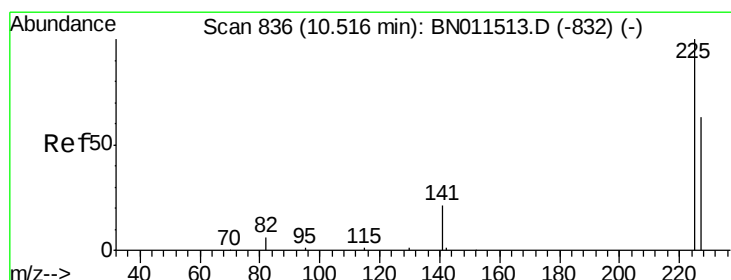
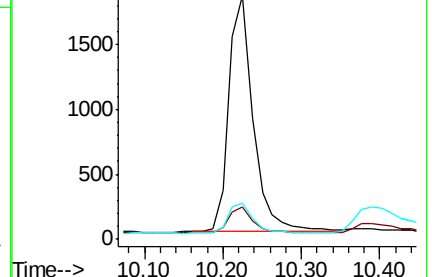
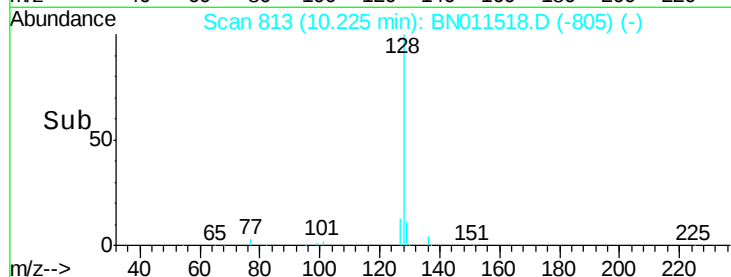
127 14.9 12.2 18.4



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: 0.366 ng

RT: 10.50 min Scan# 835

Delta R.T. -0.01 min

Lab File: BN011518.D

Acq: 19 Aug 2020 16:07

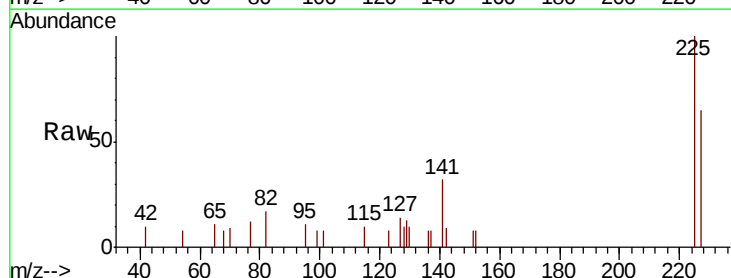
Tgt Ion:225 Resp: 1051

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

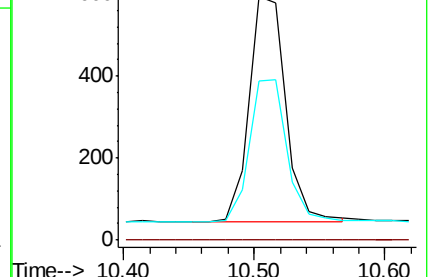
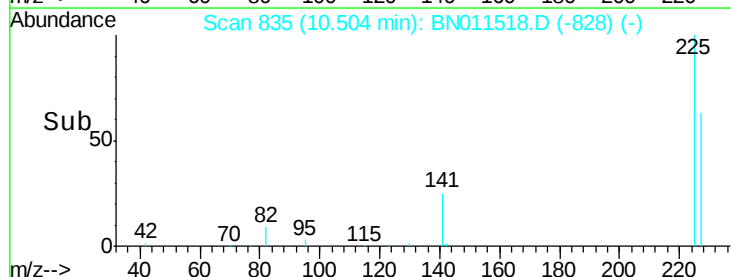
227 64.7 50.1 75.1

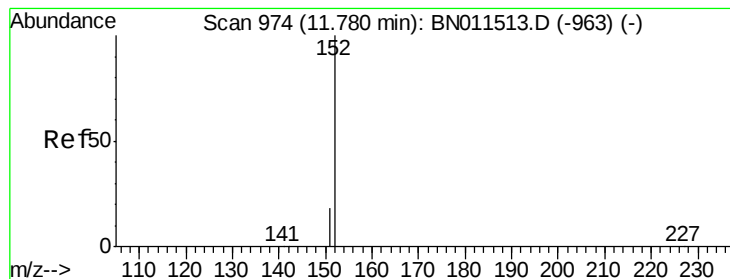


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.312 ng

RT: 11.78 min Scan# 973

Delta R.T. -0.00 min

Lab File: BN011518.D

Acq: 19 Aug 2020 16:07

Instrument :

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ClientSampleId :

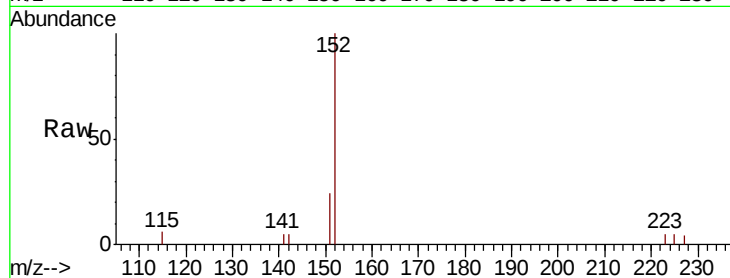
ICVBN081920

Tot Ion:152 Resp: 2193

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.78

1000

800

600

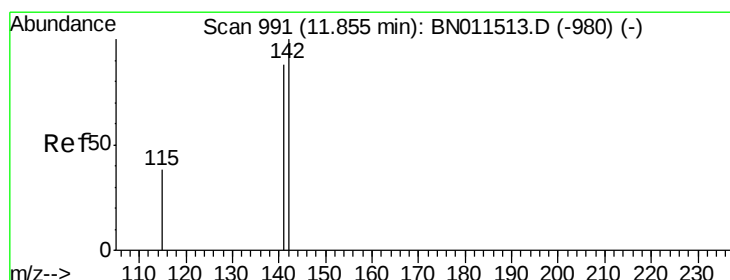
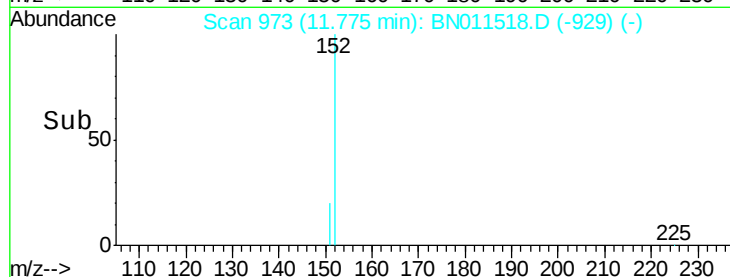
400

200

0

Time-->

11.70 11.80 11.90



#12

2-Methylnaphthalene

Concen: 0.315 ng

RT: 11.85 min Scan# 990

Delta R.T. -0.00 min

Lab File: BN011518.D

Acq: 19 Aug 2020 16:07

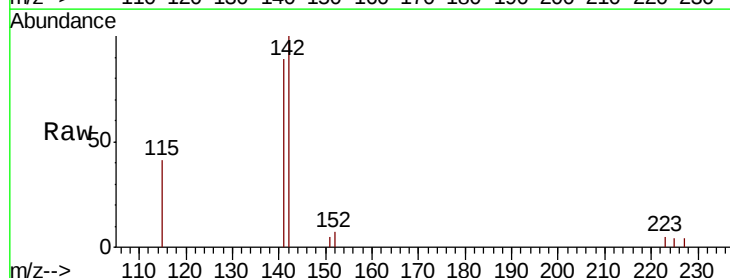
Tgt Ion:142 Resp: 2510

Ion Ratio Lower Upper

142 100

141 89.2 70.9 106.3

115 40.8 33.2 49.8



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

11.85

1500

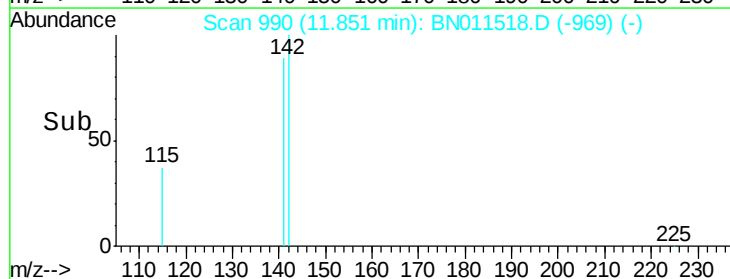
1000

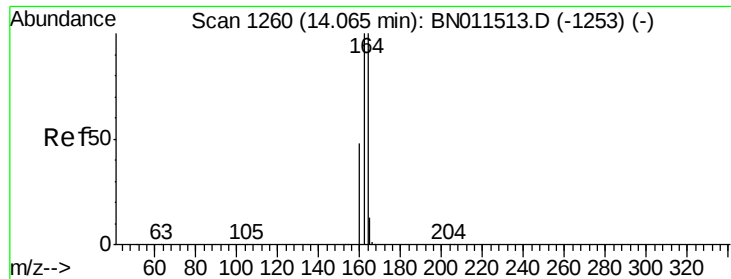
500

0

Time-->

11.80 11.90 12.00





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.07 min Scan# 1260

Delta R.T. 0.00 min

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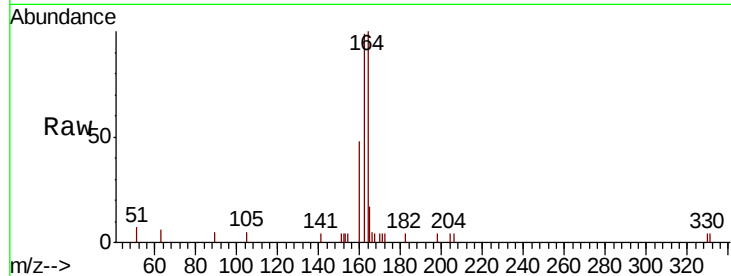
Tot Ion:164 Resp: 2045

Ion Ratio Lower Upper

164 100

162 99.4 79.8 119.8

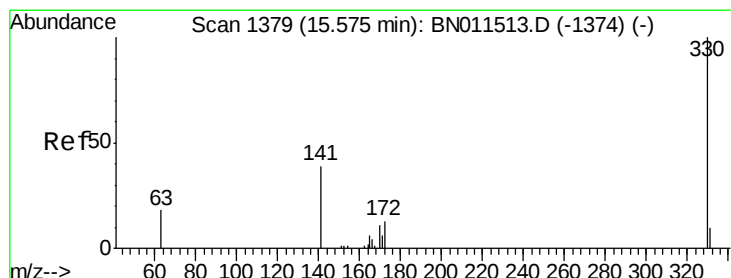
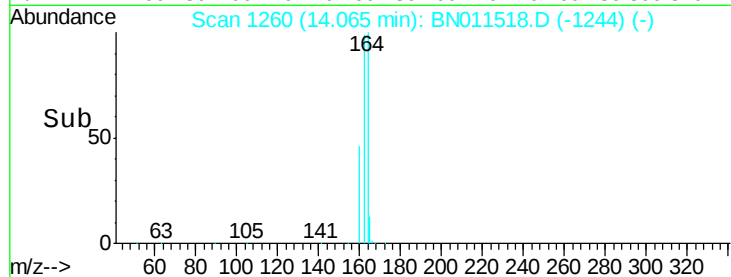
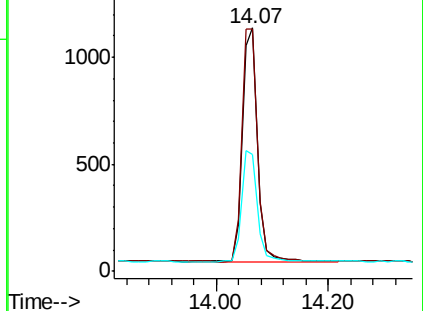
160 48.2 39.6 59.4



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: 0.327 ng

RT: 15.57 min Scan# 1379

Delta R.T. 0.00 min

Lab File: BN011518.D

Acq: 19 Aug 2020 16:07

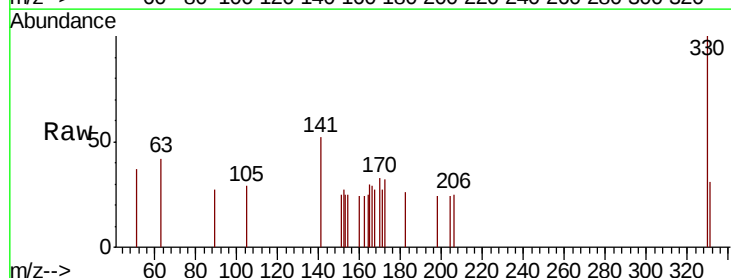
Tgt Ion:330 Resp: 301

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

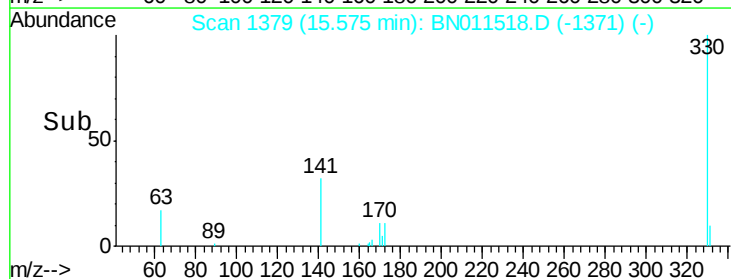
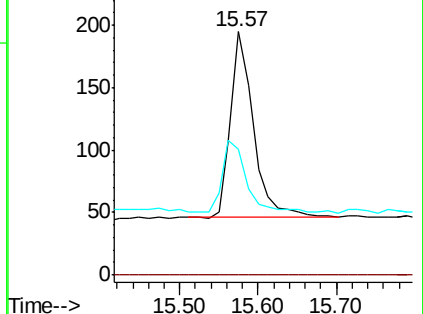
141 41.2 35.8 53.6

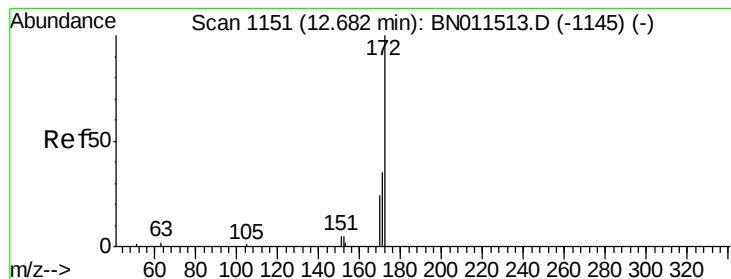


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

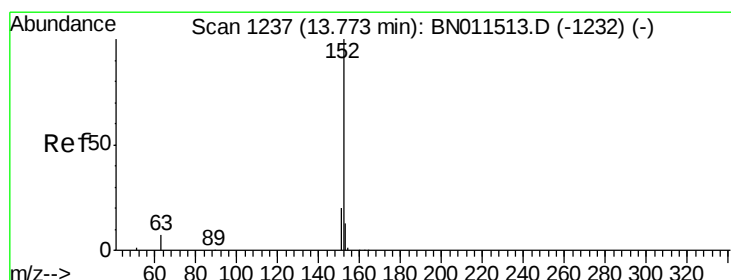
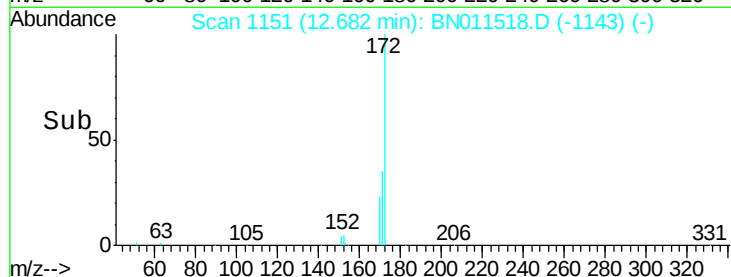
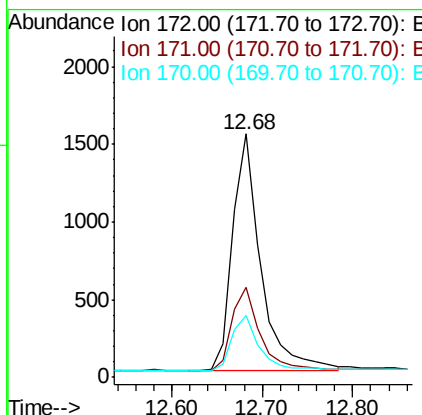
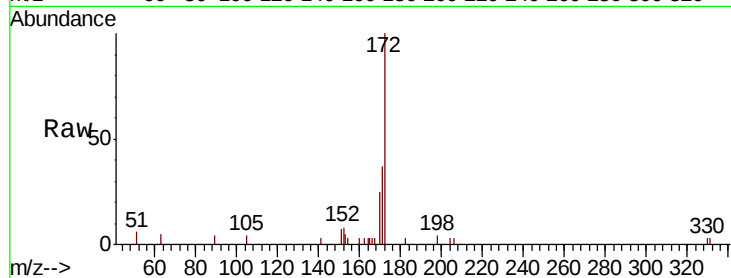




#15
2-Fluorobiphenyl
Concen: 0.363 ng
RT: 12.68 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BN011518.D
Acq: 19 Aug 2020 16:07

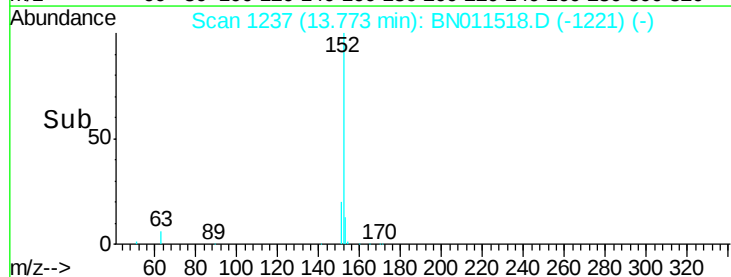
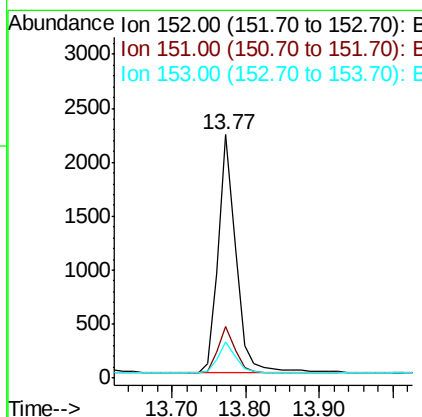
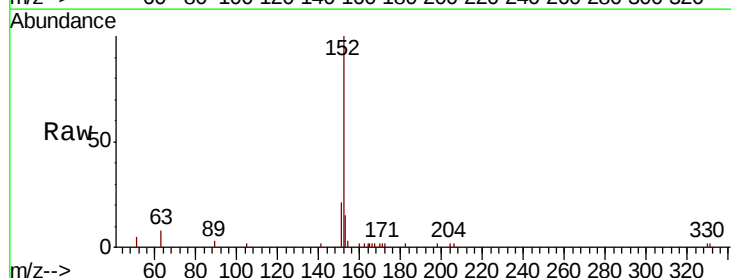
Instrument :
BNA_N
ClientSampleId :
ICVBN081920

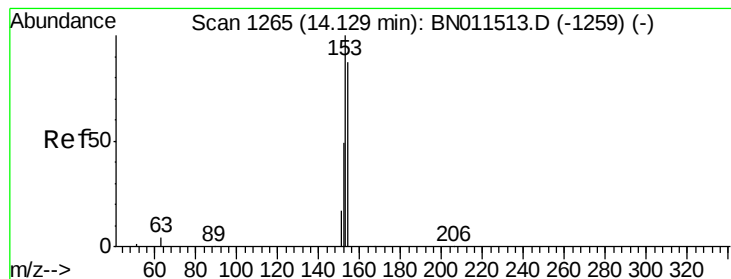
Tot Ion:172 Resp: 3266
Ion Ratio Lower Upper
172 100
171 37.1 29.5 44.3
170 25.3 20.9 31.3



#16
Acenaphthylene
Concen: 0.361 ng
RT: 13.77 min Scan# 1237
Delta R.T. 0.00 min
Lab File: BN011518.D
Acq: 19 Aug 2020 16:07

Tgt Ion:152 Resp: 3704
Ion Ratio Lower Upper
152 100
151 19.5 15.8 23.6
153 13.5 10.1 15.1





#17

Acenaphthene

Concen: 0.367 ng

RT: 14.12 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BN011518.D

Acq: 19 Aug 2020 16:07

Instrument :

BNA_N

ClientSampleId :

ICVBN081920

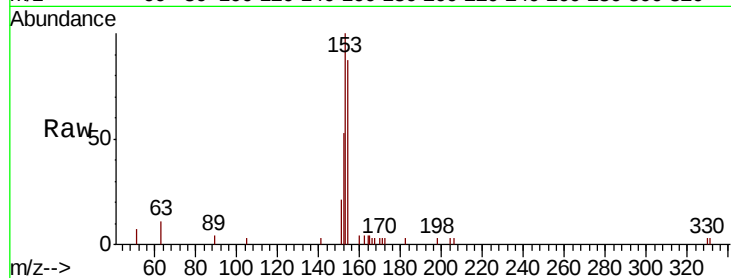
Tot Ion:154 Resp: 2432

Ion Ratio Lower Upper

154 100

153 114.4 92.1 138.1

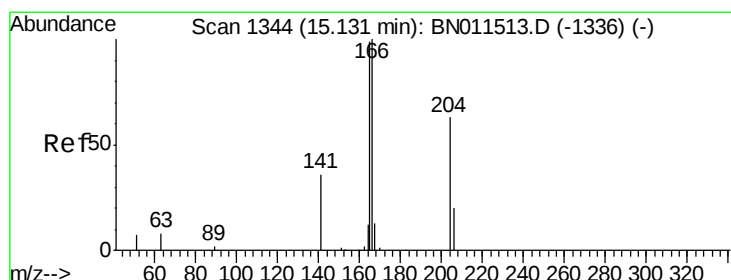
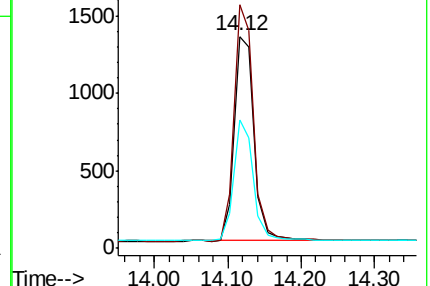
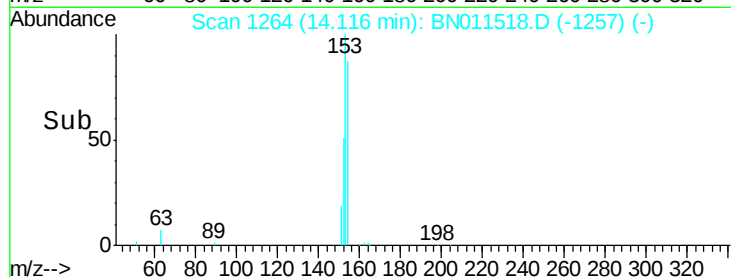
152 58.5 46.4 69.6



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: 0.370 ng

RT: 15.12 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BN011518.D

Acq: 19 Aug 2020 16:07

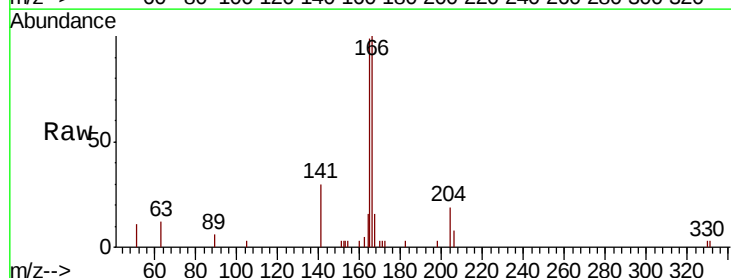
Tgt Ion:166 Resp: 3157

Ion Ratio Lower Upper

166 100

165 96.1 80.4 120.6

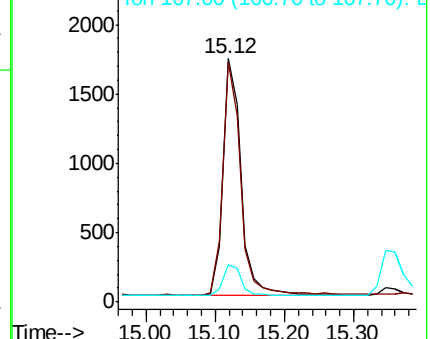
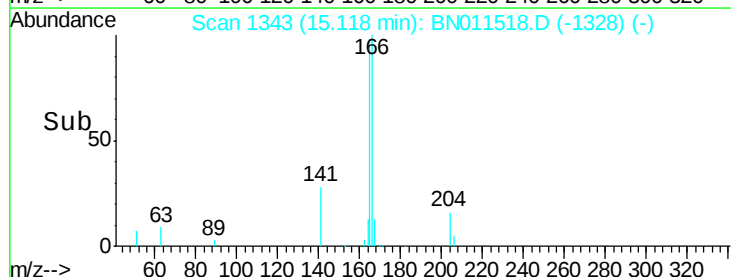
167 13.7 10.7 16.1

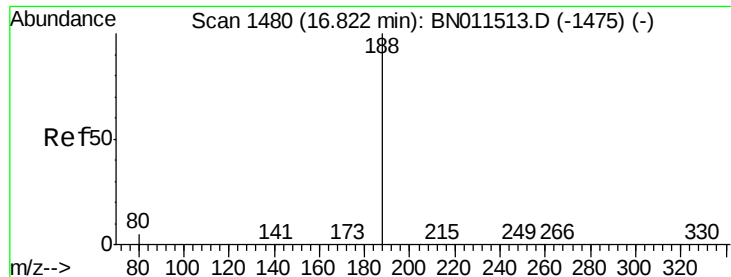


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.82 min Scan# 1480

Delta R.T. 0.00 min

Lab File: BN011518.D

Acq: 19 Aug 2020 16:07

Instrument :

BNA_N

ClientSampleId :

ICVBN081920

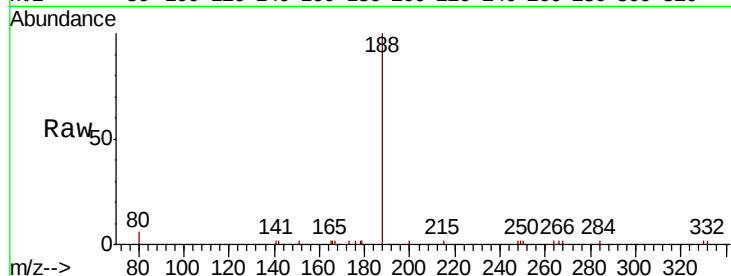
Tot Ion:188 Resp: 4856

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

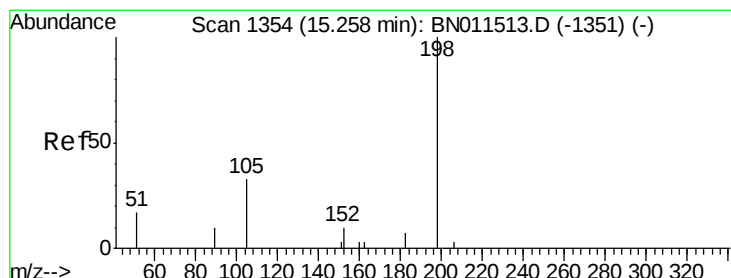
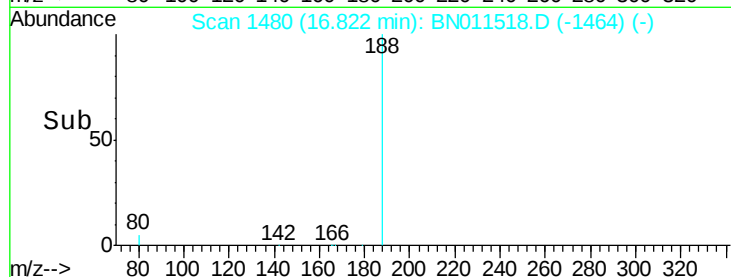
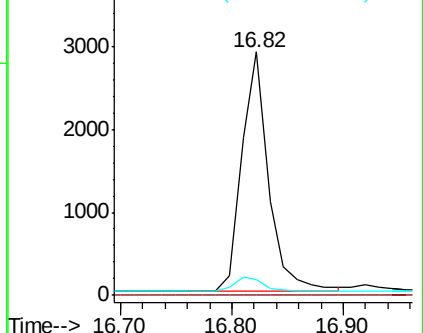
80 6.5 5.4 8.2



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



#20

4,6-Dinitro-2-methylphenol

Concen: 0.408 ng

RT: 15.26 min Scan# 1354

Delta R.T. 0.00 min

Lab File: BN011518.D

Acq: 19 Aug 2020 16:07

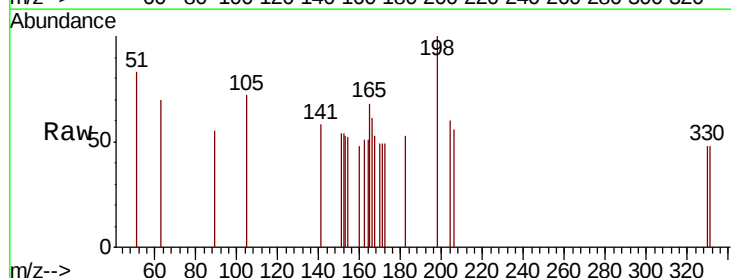
Tgt Ion:198 Resp: 173

Ion Ratio Lower Upper

198 100

51 82.8 75.8 113.6

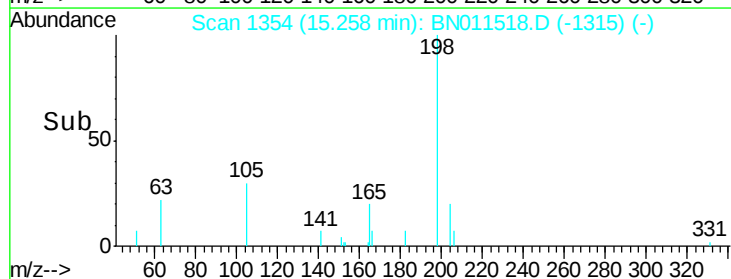
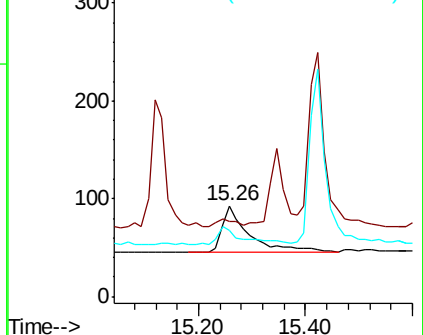
105 72.0 65.3 97.9

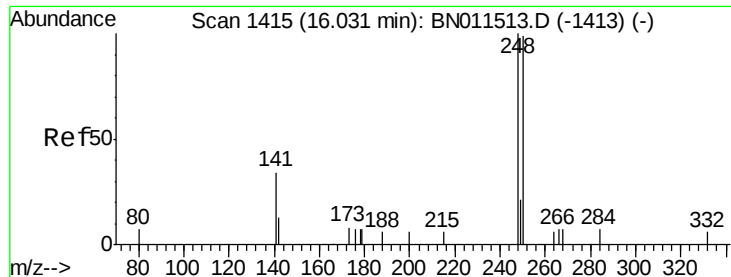


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E





#21

4-Bromophenyl-phenylether

Concen: 0.254 ng

RT: 16.03 min Scan# 1415

Delta R.T. 0.00 min

Lab File: BN011518.D

Acq: 19 Aug 2020 16:07

Instrument :

BNA_N

ClientSampleId :

ICVBN081920

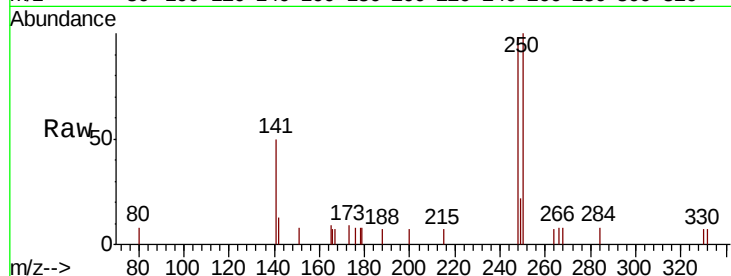
Tot Ion:248 Resp: 1313

Ion Ratio Lower Upper

248 100

250 101.9 79.4 119.0

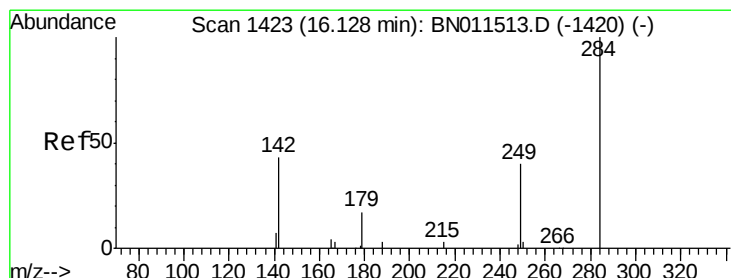
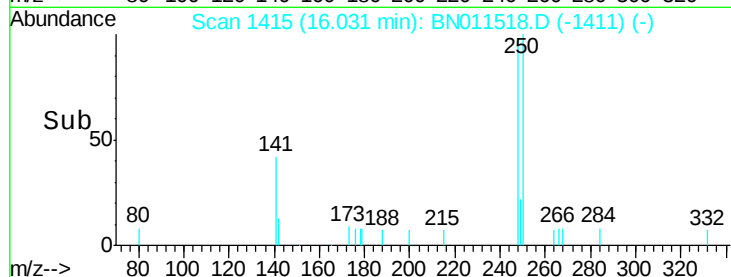
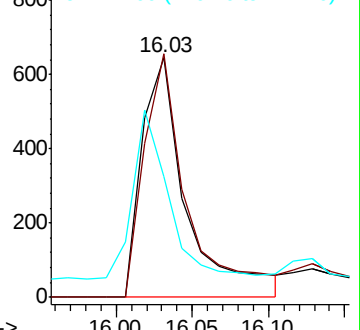
141 50.6 40.8 61.2



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: 0.341 ng

RT: 16.13 min Scan# 1423

Delta R.T. 0.00 min

Lab File: BN011518.D

Acq: 19 Aug 2020 16:07

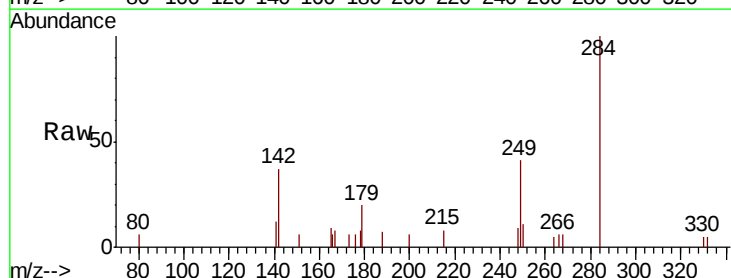
Tgt Ion:284 Resp: 1234

Ion Ratio Lower Upper

284 100

142 37.4 31.7 47.5

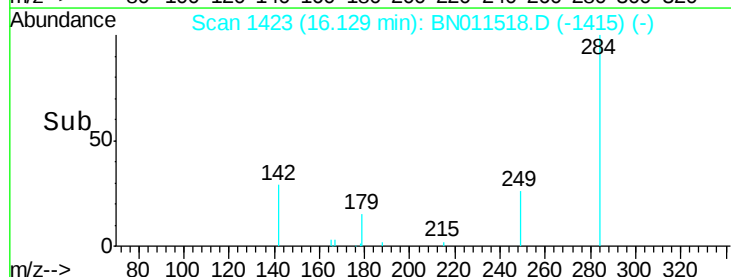
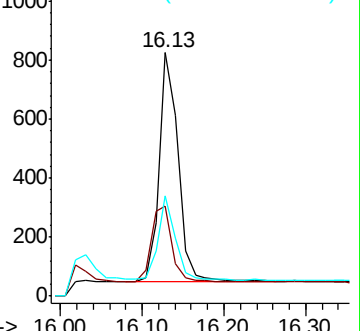
249 34.4 27.4 41.2

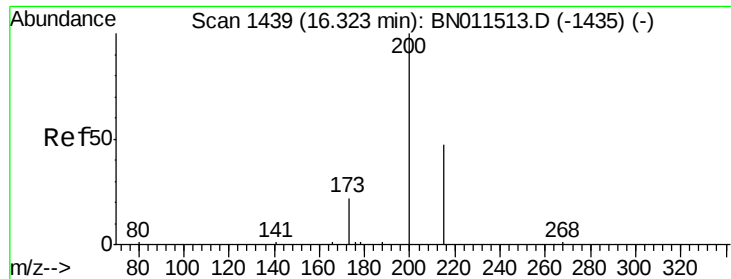


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

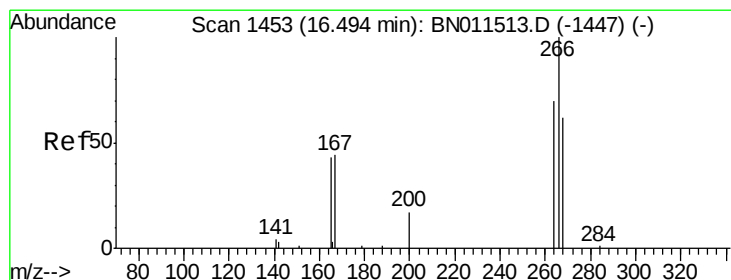
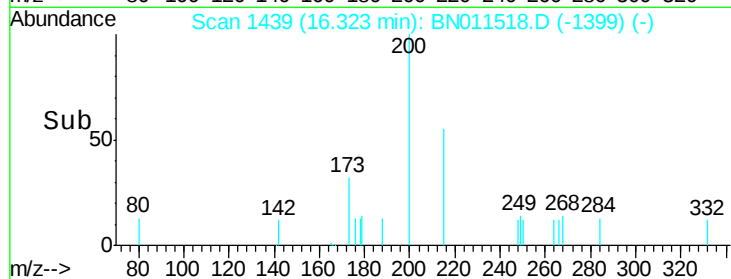
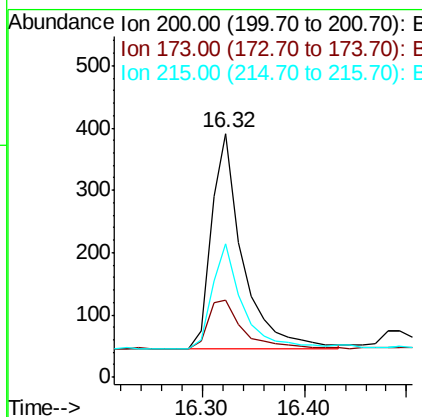
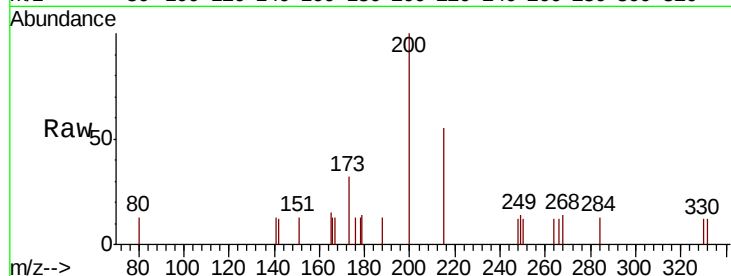




#23
Atrazine
Concen: 0.308 ng
RT: 16.32 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BN011518.D
Acq: 19 Aug 2020 16:07

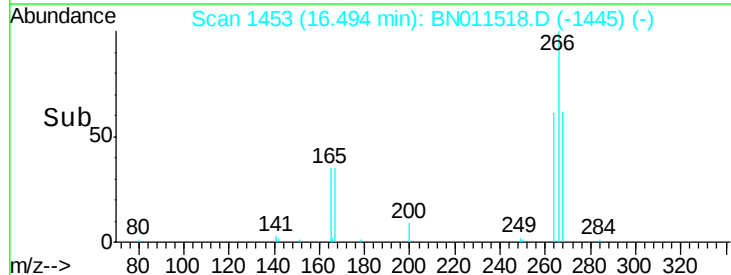
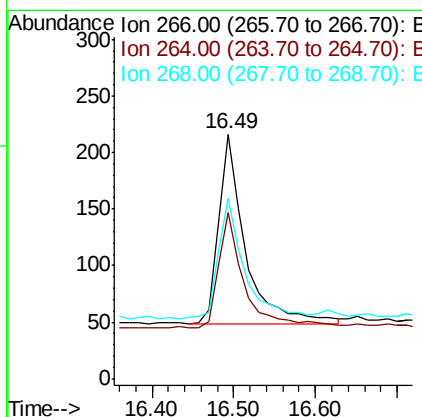
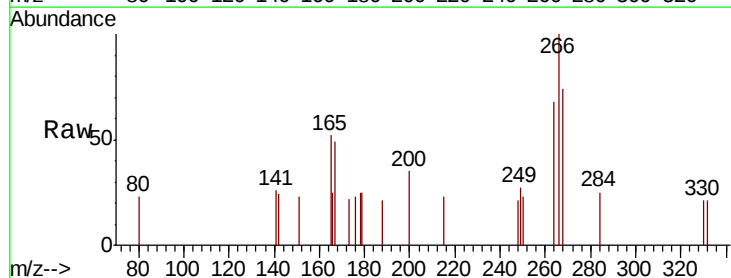
Instrument :
BNA_N
ClientSampleId :
ICVBN081920

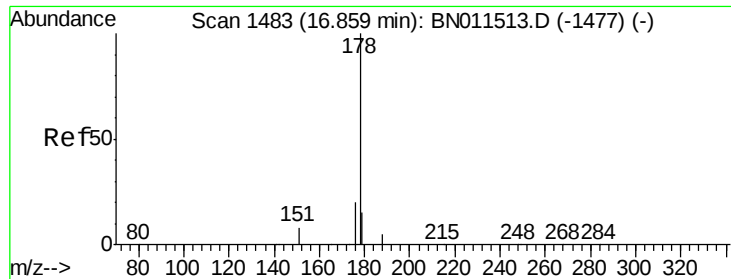
Tot Ion	Ratio	Lower	Upper
200	100		
173	31.7	24.0	36.0
215	55.0	42.2	63.4



#24
Pentachlorophenol
Concen: 0.350 ng
RT: 16.49 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BN011518.D
Acq: 19 Aug 2020 16:07

Tgt Ion	Ratio	Lower	Upper
266	100		
264	58.8	53.7	80.5
268	61.1	53.0	79.4





#25

Phenanthrene

Concen: 0.359 ng

RT: 16.86 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BN011518.D

Acq: 19 Aug 2020 16:07

Instrument :

BNA_N

ClientSampleId :

ICVBN081920

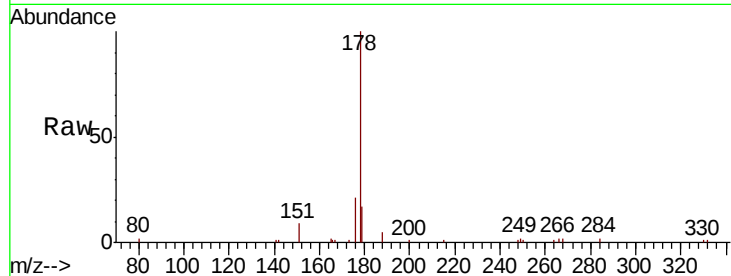
Tot Ion:178 Resp: 5552

Ion Ratio Lower Upper

178 100

176 19.4 15.3 22.9

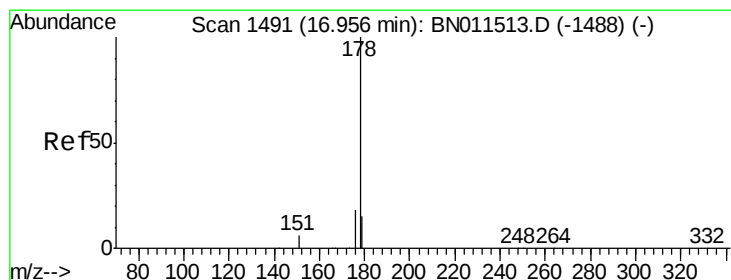
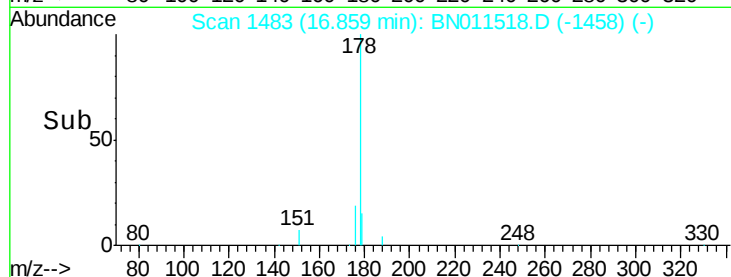
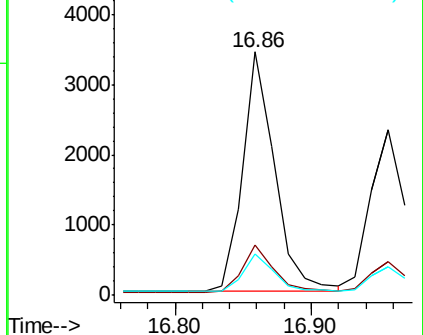
179 15.6 12.3 18.5



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: 0.333 ng

RT: 16.96 min Scan# 1491

Delta R.T. 0.00 min

Lab File: BN011518.D

Acq: 19 Aug 2020 16:07

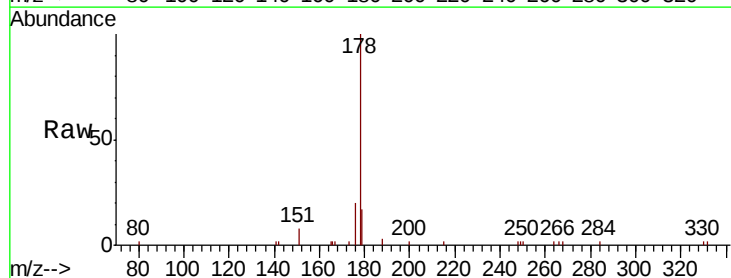
Tgt Ion:178 Resp: 4396

Ion Ratio Lower Upper

178 100

176 18.4 14.4 21.6

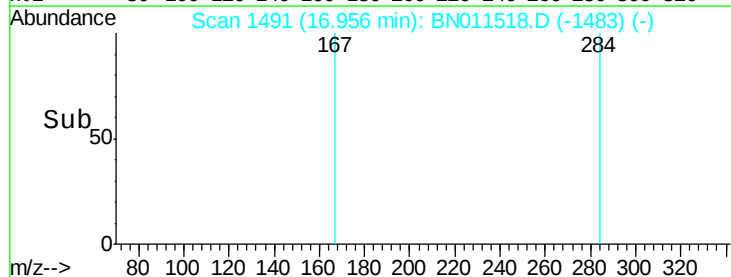
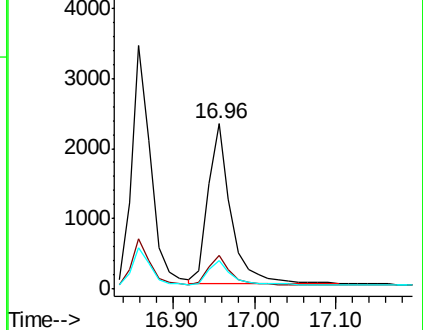
179 15.3 12.2 18.2

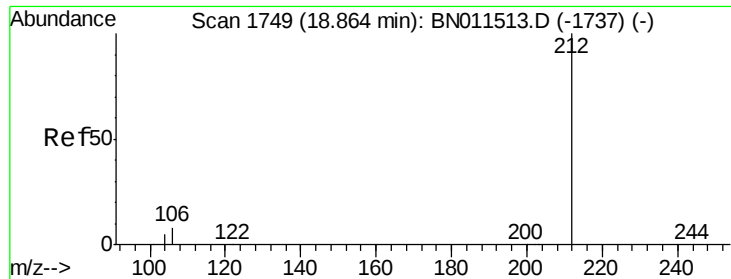


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

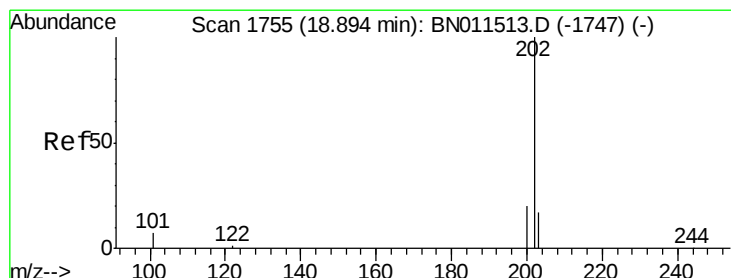
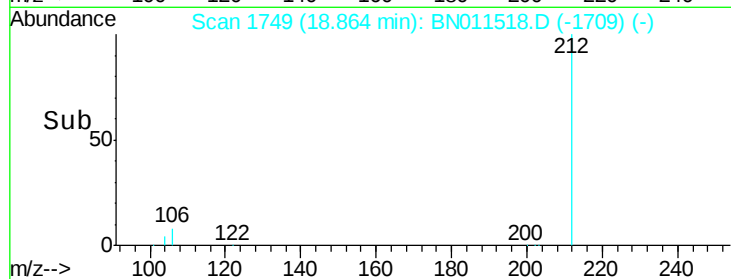
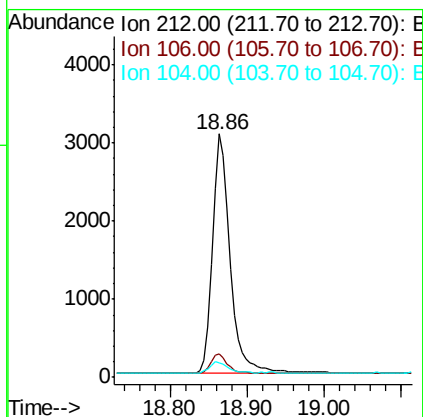
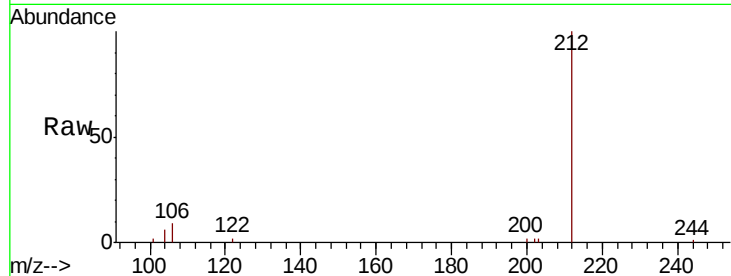




#27
Fluoranthene-d10
Concen: 0.332 ng
RT: 18.86 min Scan# 1749
Delta R.T. 0.00 min
Lab File: BN011518.D
Acq: 19 Aug 2020 16:07

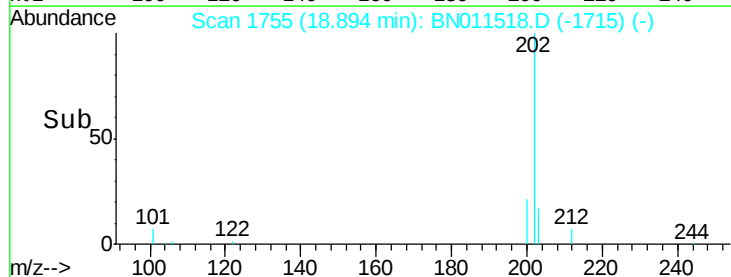
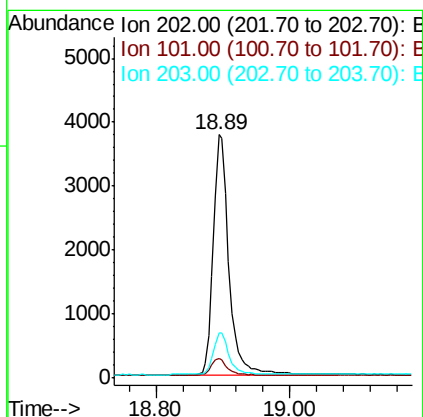
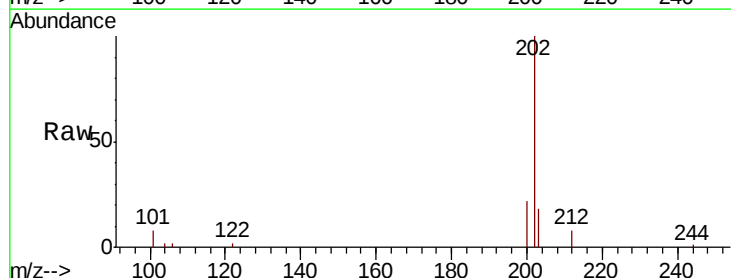
Instrument :
BNA_N
ClientSampleId :
ICVBN081920

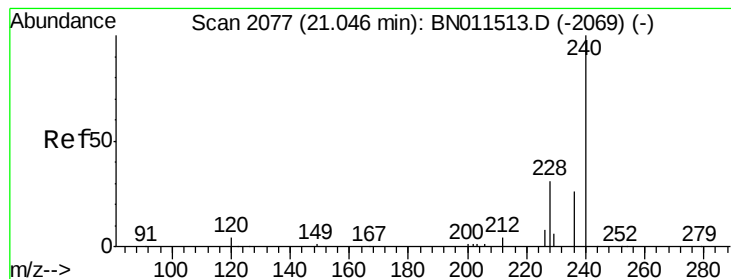
Tot Ion:212 Resp: 4922
Ion Ratio Lower Upper
212 100
106 8.2 6.0 9.0
104 4.6 3.7 5.5



#28
Fluoranthene
Concen: 0.334 ng
RT: 18.89 min Scan# 1755
Delta R.T. 0.00 min
Lab File: BN011518.D
Acq: 19 Aug 2020 16:07

Tgt Ion:202 Resp: 6122
Ion Ratio Lower Upper
202 100
101 6.8 5.1 7.7
203 16.8 13.8 20.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.05 min Scan# 2077

Delta R.T. 0.00 min

Lab File: BN011518.D

Acq: 19 Aug 2020 16:07

Instrument :

BNA_N

ClientSampleId :

ICVBN081920

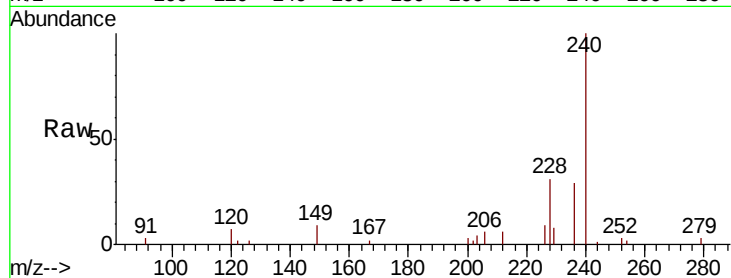
Tot Ion:240 Resp: 5329

Ion Ratio Lower Upper

240 100

120 7.3 6.0 9.0

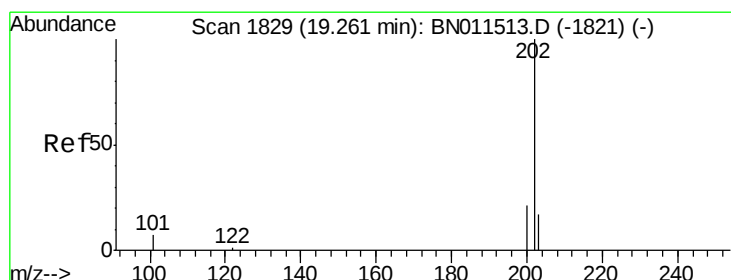
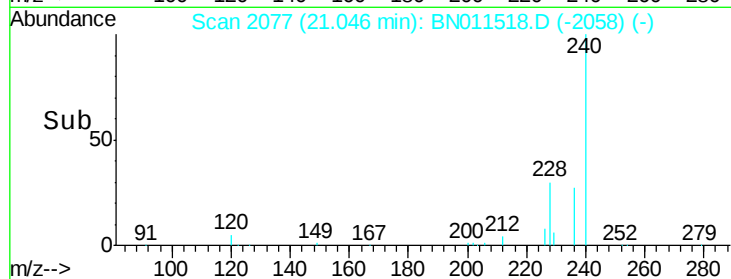
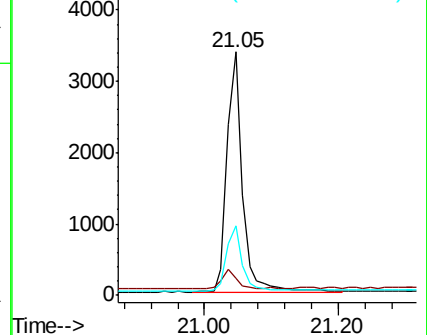
236 28.5 22.6 33.8



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: 0.356 ng

RT: 19.26 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BN011518.D

Acq: 19 Aug 2020 16:07

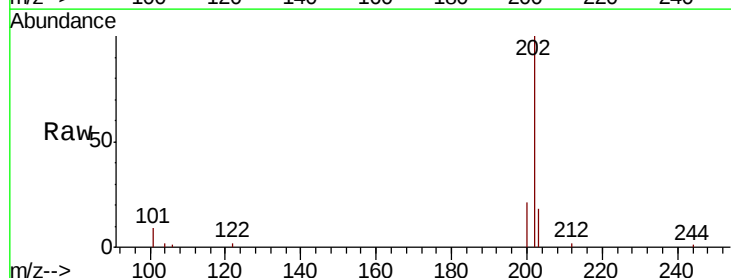
Tgt Ion:202 Resp: 6255

Ion Ratio Lower Upper

202 100

200 20.5 16.6 25.0

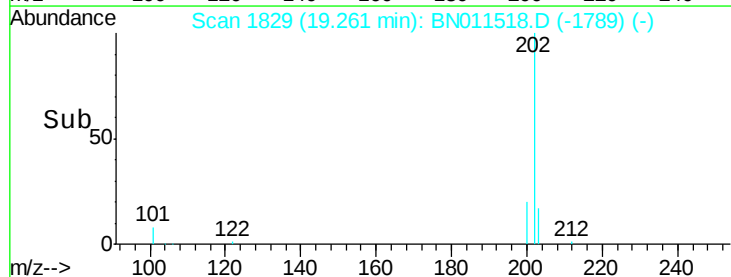
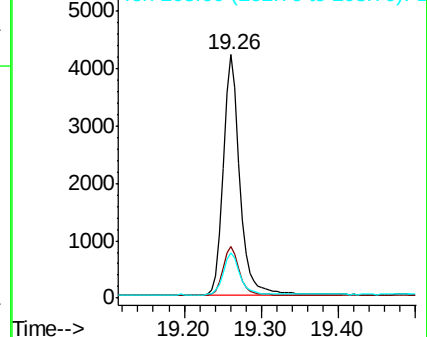
203 17.7 13.9 20.9

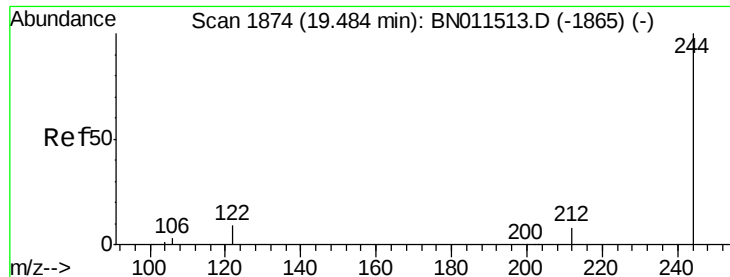


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#31

Terphenyl-d14

Concen: 0.351 ng

RT: 19.48 min Scan# 1874

Delta R.T. 0.00 min

Lab File: BN011518.D

Acq: 19 Aug 2020 16:07

Instrument :

BNA_N

ClientSampleId :

ICVBN081920

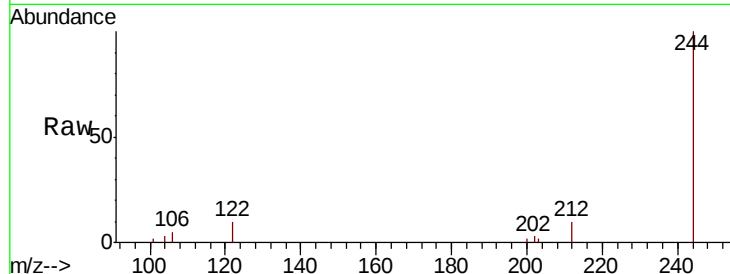
Tot Ion:244 Resp: 4132

Ion Ratio Lower Upper

244 100

212 10.1 8.2 12.4

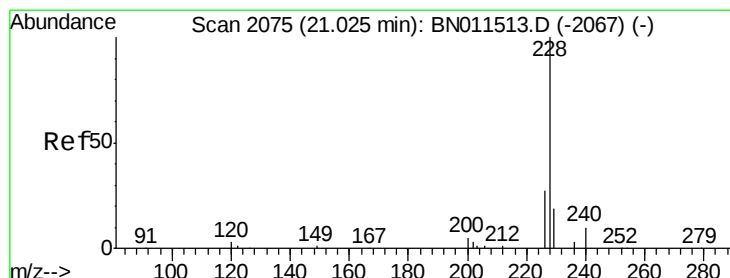
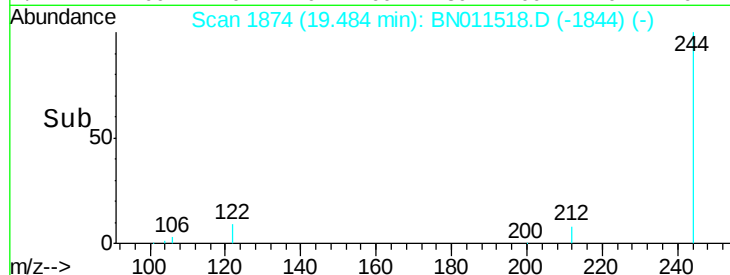
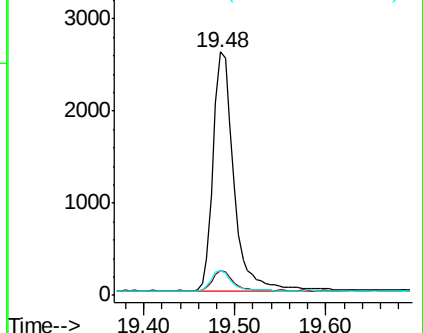
122 10.3 8.4 12.6



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

Benzo(a)anthracene

Concen: 0.350 ng

RT: 21.02 min Scan# 2075

Delta R.T. 0.00 min

Lab File: BN011518.D

Acq: 19 Aug 2020 16:07

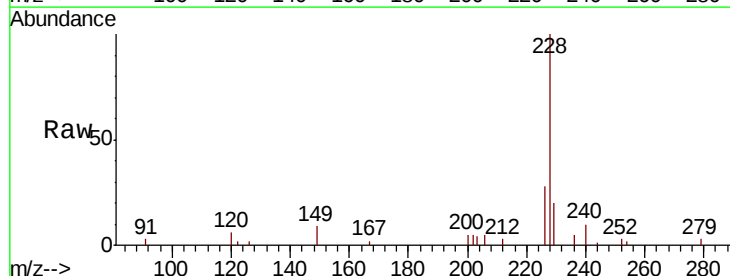
Tgt Ion:228 Resp: 5697

Ion Ratio Lower Upper

228 100

226 27.6 22.6 33.8

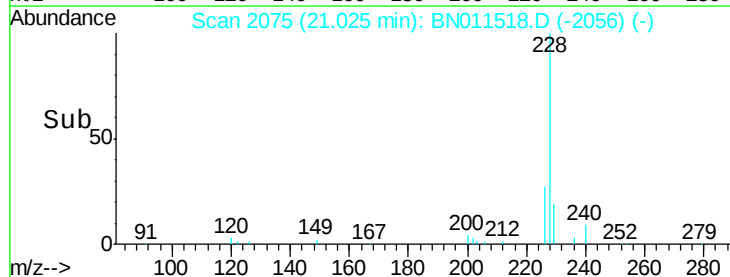
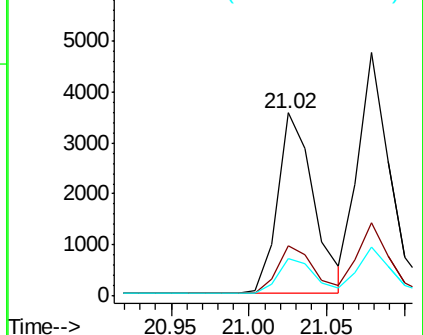
229 20.2 16.2 24.2

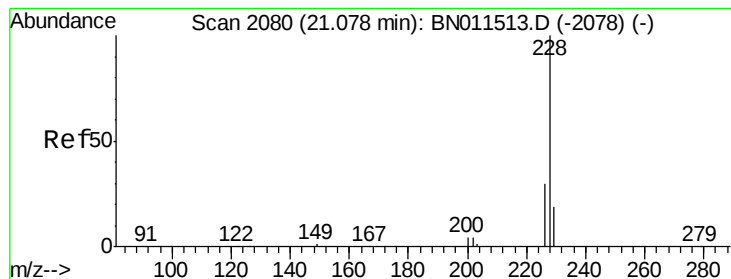


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Chrysene

Concen: 0.361 ng

RT: 21.08 min Scan# 2080

Delta R.T. 0.00 min

Lab File: BN011518.D

Acq: 19 Aug 2020 16:07

Instrument :

BNA_N

ClientSampleId :

ICVBN081920

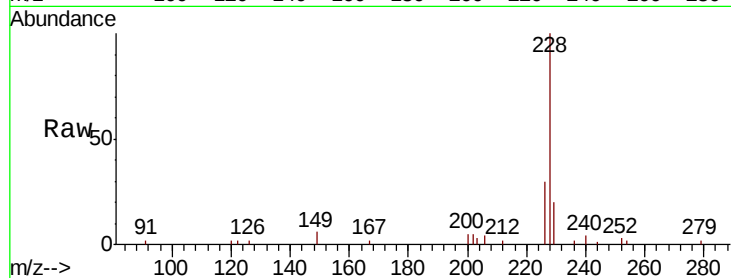
Tot Ion:228 Resp: 6693

Ion Ratio Lower Upper

228 100

226 30.1 24.6 37.0

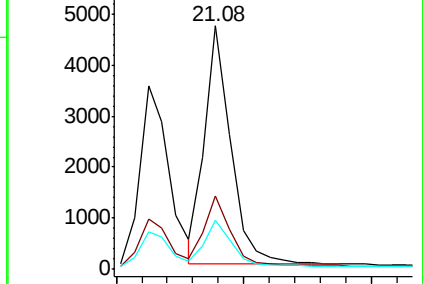
229 20.1 15.9 23.9



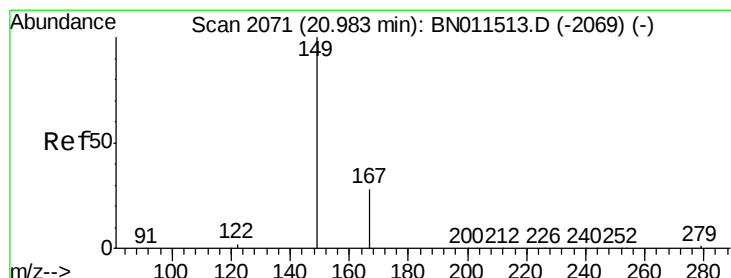
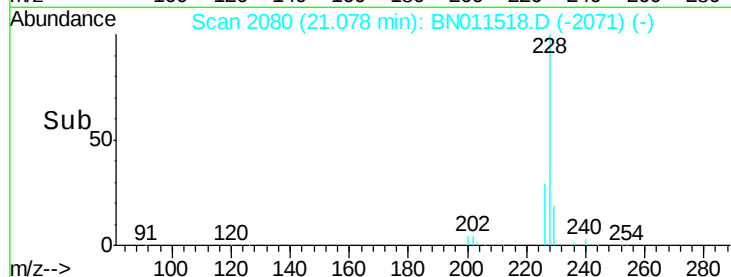
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time--> 21.00 21.10 21.20



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.344 ng

RT: 20.98 min Scan# 2071

Delta R.T. 0.00 min

Lab File: BN011518.D

Acq: 19 Aug 2020 16:07

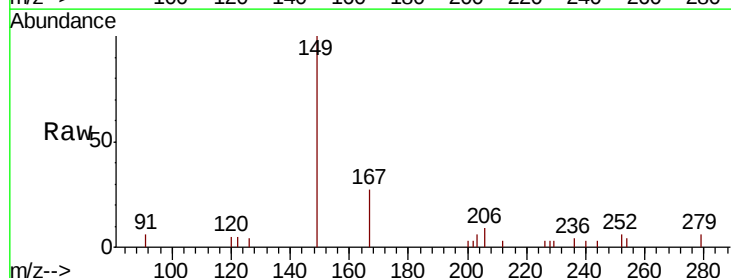
Tgt Ion:149 Resp: 1992

Ion Ratio Lower Upper

149 100

167 28.2 23.0 34.4

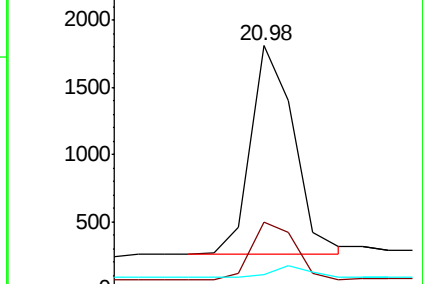
279 5.4 4.1 6.1



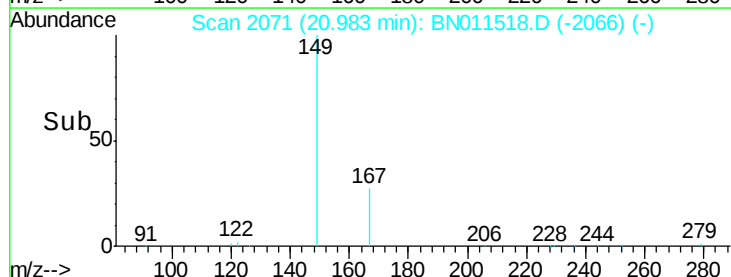
Abundance Ion 149.00 (148.70 to 149.70): E

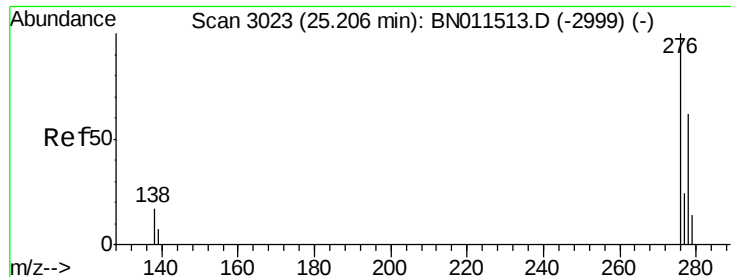
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time--> 20.95 21.00

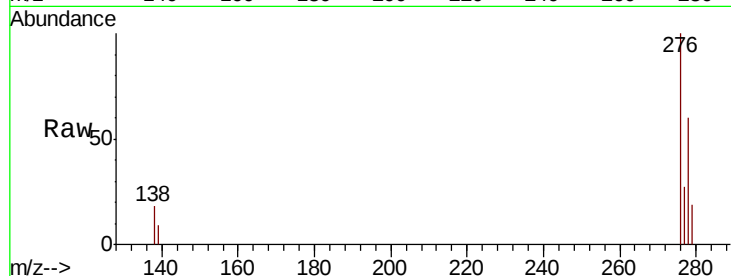




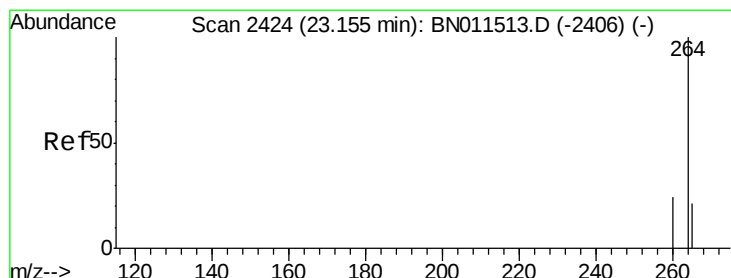
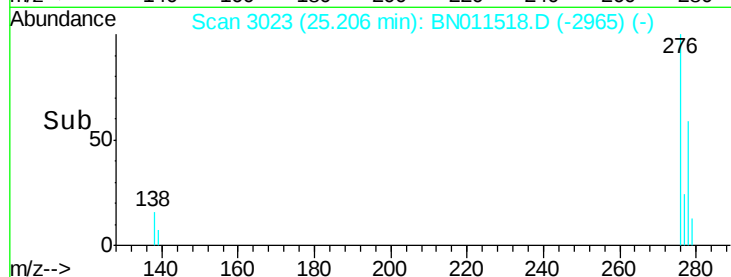
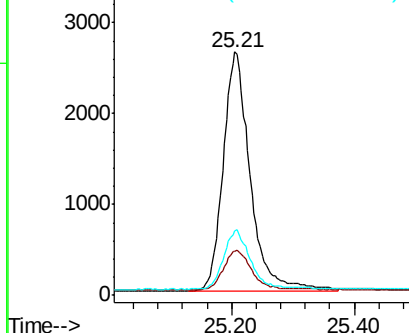
#35
Indeno(1,2,3-cd)pyrene
Concen: 0.354 ng
RT: 25.21 min Scan# 3023
Delta R.T. 0.00 min
Lab File: BN011518.D
Acq: 19 Aug 2020 16:07

Instrument :
BNA_N
ClientSampleId :
ICVBN081920

Tot Ion:276 Resp: 8023
Ion Ratio Lower Upper
276 100
138 17.1 13.6 20.4
277 24.1 19.8 29.8

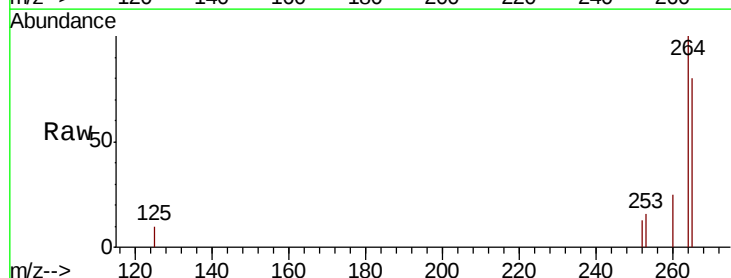


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

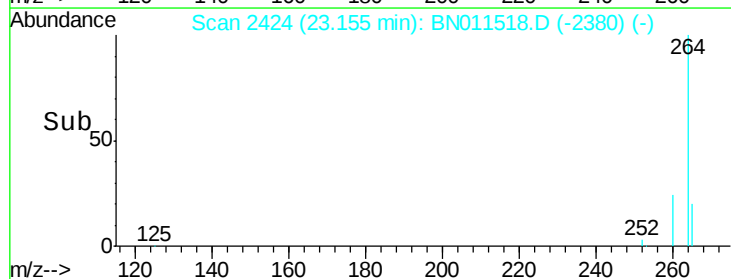
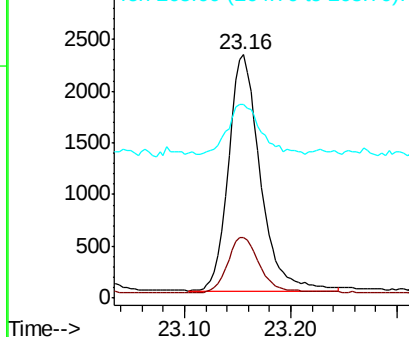


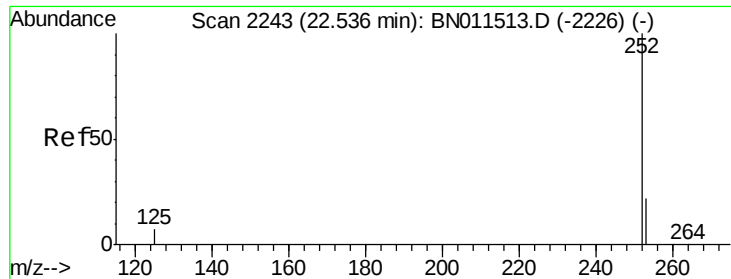
#36
Perylene-d12
Concen: 0.400 ng
RT: 23.16 min Scan# 2424
Delta R.T. 0.00 min
Lab File: BN011518.D
Acq: 19 Aug 2020 16:07

Tgt Ion:264 Resp: 4747
Ion Ratio Lower Upper
264 100
260 24.9 20.0 30.0
265 79.6 62.6 94.0



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

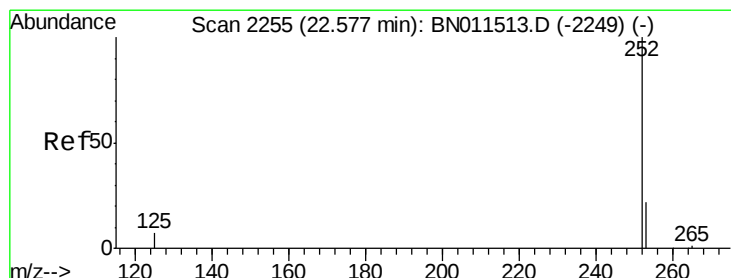
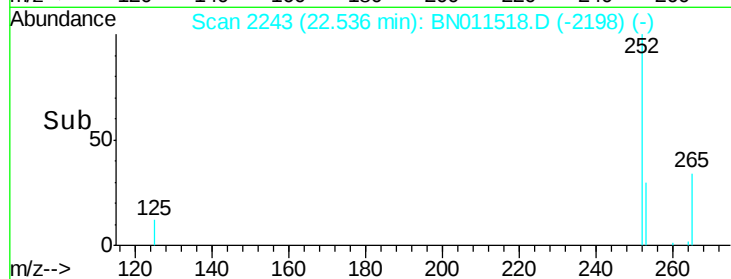
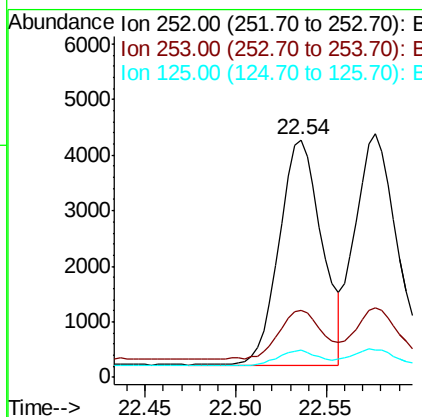
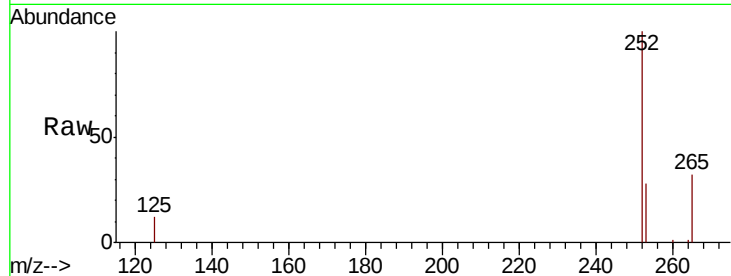




#37
Benzo(b)fluoranthene
Concen: 0.350 ng
RT: 22.54 min Scan# 2243
Delta R.T. 0.00 min
Lab File: BN011518.D
Acq: 19 Aug 2020 16:07

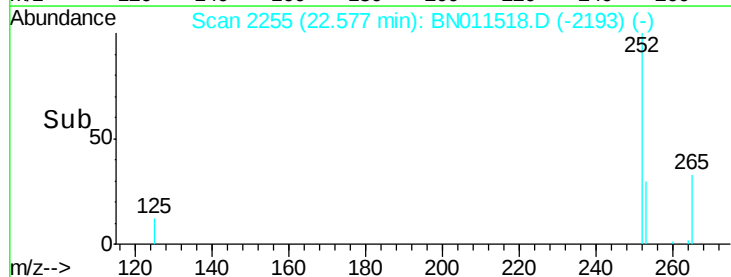
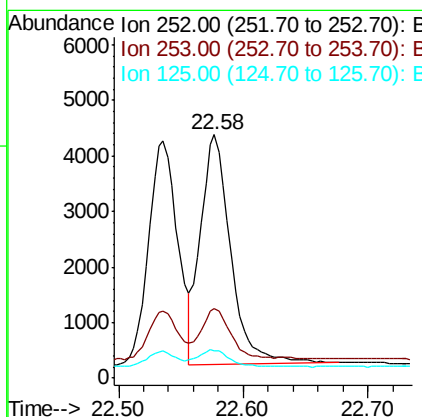
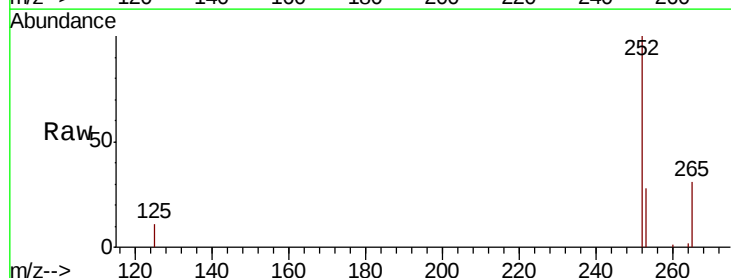
Instrument :
BNA_N
ClientSampleId :
ICVBN081920

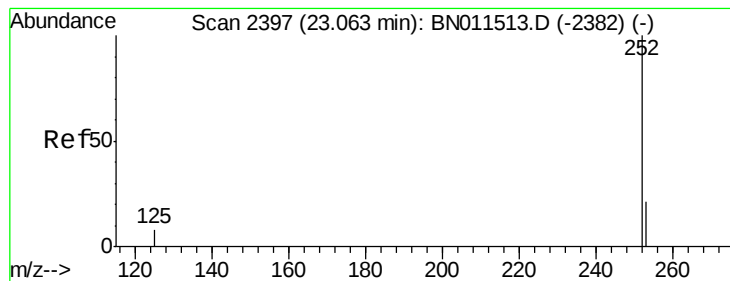
Tot Ion:252 Resp: 6633
Ion Ratio Lower Upper
252 100
253 28.1 23.0 34.6
125 11.5 9.0 13.4



#38
Benzo(k)fluoranthene
Concen: 0.353 ng
RT: 22.58 min Scan# 2255
Delta R.T. 0.00 min
Lab File: BN011518.D
Acq: 19 Aug 2020 16:07

Tgt Ion:252 Resp: 6918
Ion Ratio Lower Upper
252 100
253 28.4 23.4 35.0
125 11.2 9.7 14.5





#39

Benzo(a)pyrene

Concen: 0.345 ng

RT: 23.06 min Scan# 2397

Delta R.T. 0.00 min

Lab File: BN011518.D

Acq: 19 Aug 2020 16:07

Instrument :

BNA_N

ClientSampleId :

ICVBN081920

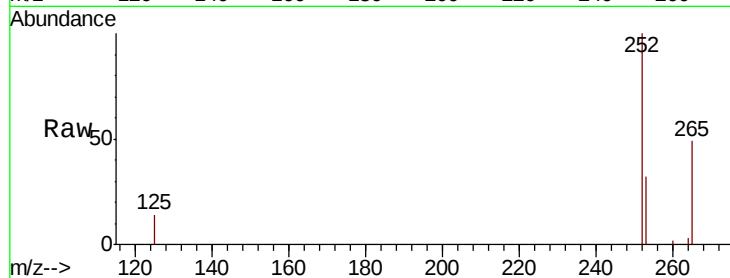
Tot Ion:252 Resp: 5694

Ion Ratio Lower Upper

252 100

253 31.9 25.4 38.0

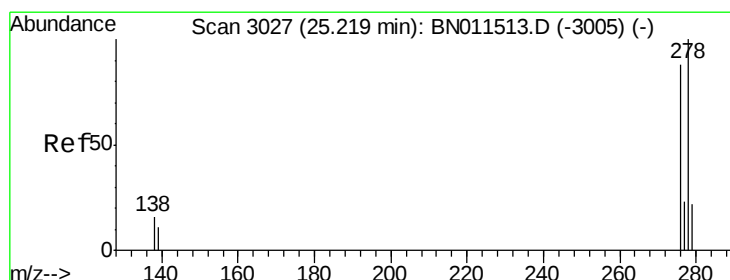
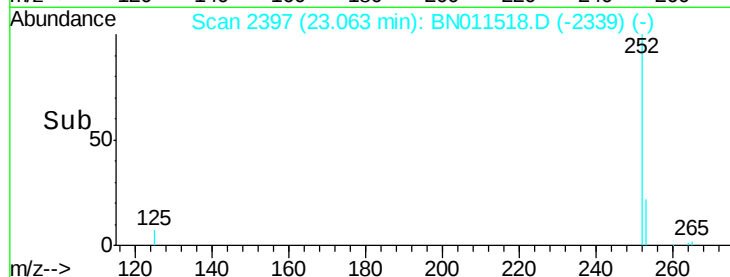
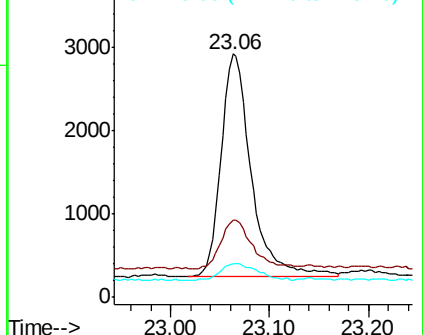
125 14.0 11.6 17.4



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: 0.355 ng

RT: 25.22 min Scan# 3028

Delta R.T. 0.00 min

Lab File: BN011518.D

Acq: 19 Aug 2020 16:07

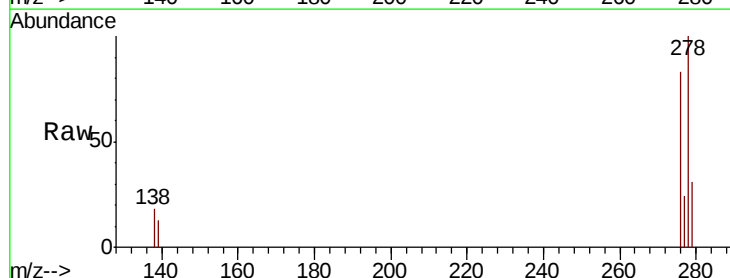
Tgt Ion:278 Resp: 6523

Ion Ratio Lower Upper

278 100

139 13.4 11.1 16.7

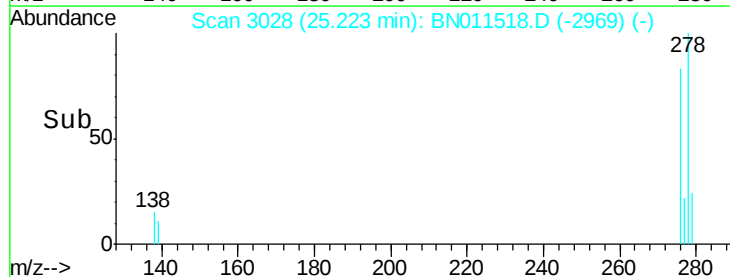
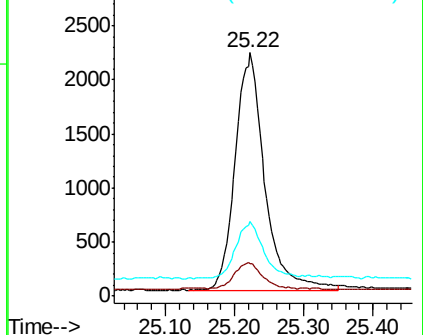
279 30.8 23.3 34.9

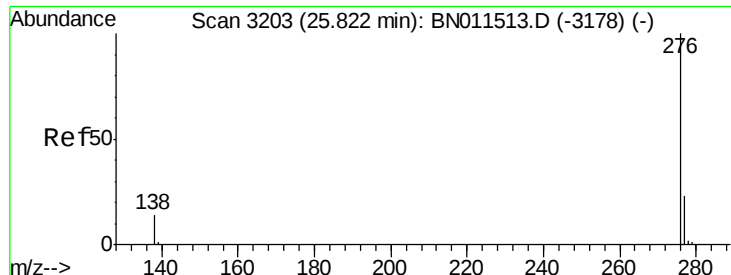


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.331 ng

RT: 25.82 min Scan# 3203

Delta R.T. 0.00 min

Lab File: BN011518.D

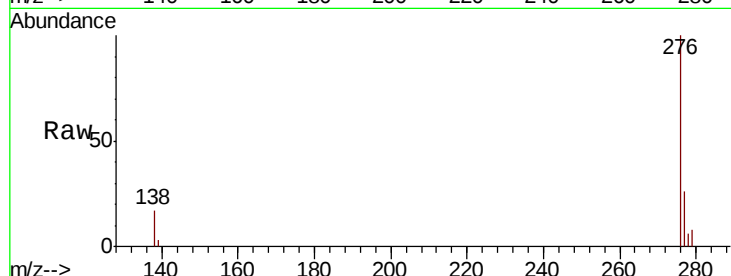
Acq: 19 Aug 2020 16:07

Instrument :

BNA_N

ClientSampleId :

ICVBN081920



Tot Ion: 276 Resp: 6373

Ion Ratio Lower Upper

276 100

277 25.8 20.5 30.7

138 17.4 13.2 19.8

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

