

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080720\
 Data File : BN011393.D
 Acq On : 07 Aug 2020 11:28
 Operator : CG/JU
 Sample : PB130764BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 07 12:04:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN072820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 31 12:17:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	1752	0.40	ng	-0.02
7) Naphthalene-d8	10.20	136	6052	0.40	ng	-0.01
13) Acenaphthene-d10	14.08	164	3140	0.40	ng	-0.01
19) Phenanthrene-d10	16.83	188	6414	0.40	ng	-0.01
29) Chrysene-d12	21.06	240	6054	0.40	ng	-0.01
36) Perylene-d12	23.18	264	7609	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.12	112	1690	0.37	ng	0.00
5) Phenol-d6	6.66	99	1731	0.31	ng	0.00
8) Nitrobenzene-d5	8.59	82	2059	0.38	ng	-0.01
11) 2-Methylnaphthalene-d10	11.79	152	3445	0.31	ng	-0.02
14) 2,4,6-Tribromophenol	15.60	330	466	0.32	ng	0.00
15) 2-Fluorobiphenyl	12.69	172	5778	0.43	ng	-0.01
27) Fluoranthene-d10	18.88	212	6036	0.31	ng	0.00
31) Terphenyl-d14	19.50	244	7000	0.38	ng	0.00

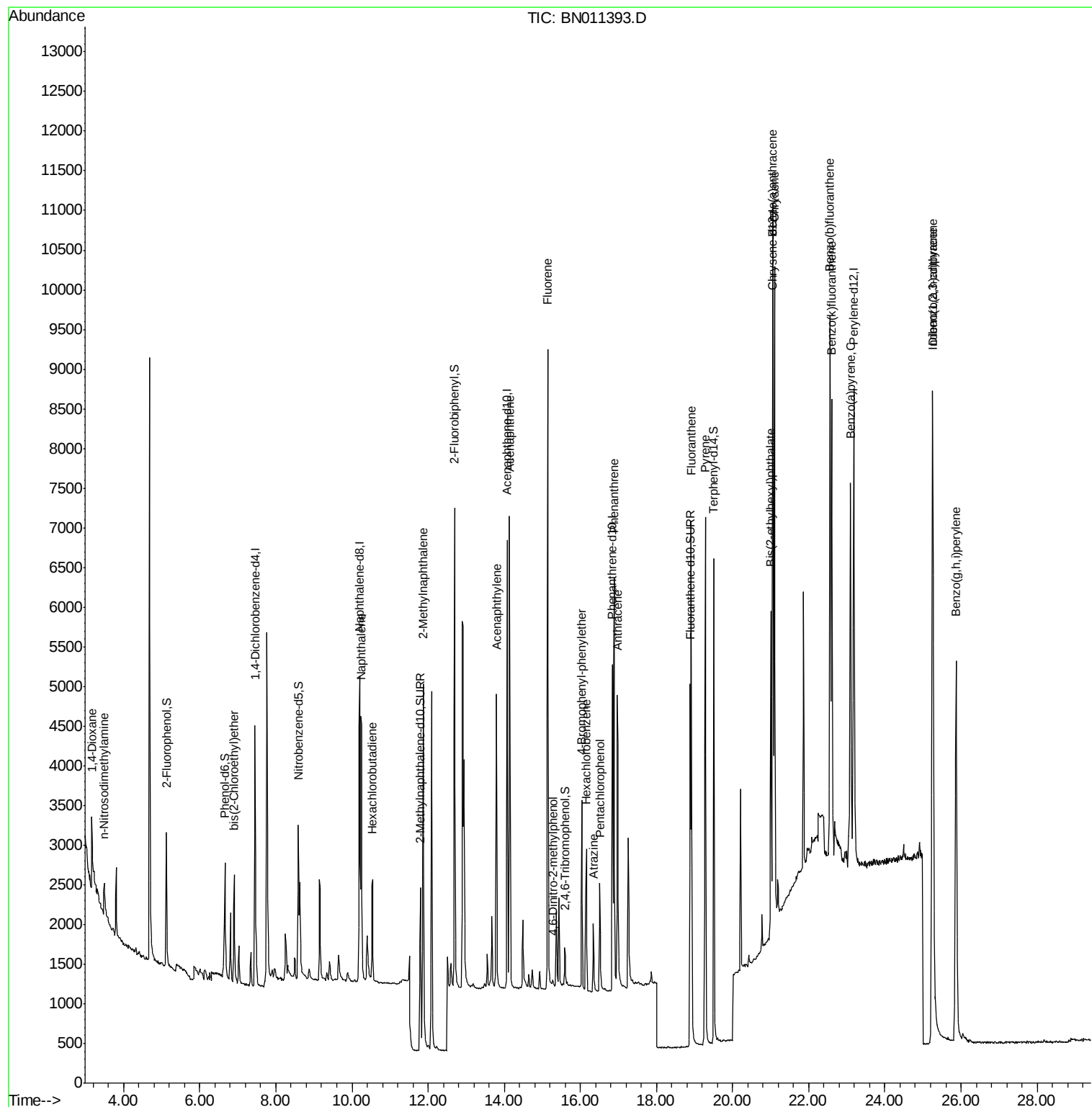
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.16	88	616	0.250	ng	# 27
3) n-Nitrosodimethylamine	3.49	42	326	0.258	ng	# 62
6) bis(2-Chloroethyl)ether	6.90	93	1313	0.282	ng	92
9) Naphthalene	10.25	128	5073	0.283	ng	99
10) Hexachlorobutadiene	10.54	225	1176	0.271	ng	# 100
12) 2-Methylnaphthalene	11.87	142	3815	0.300	ng	97
16) Acenaphthylene	13.80	152	4670	0.289	ng	100
17) Acenaphthene	14.14	154	2884	0.274	ng	99
18) Fluorene	15.14	166	3696	0.273	ng	98
20) 4,6-Dinitro-2-methylphenol	15.27	198	141	0.299	ng	# 81
21) 4-Bromophenyl-phenylether	16.04	248	1229	0.289	ng	94
22) Hexachlorobenzene	16.15	284	1408	0.292	ng	97
23) Atrazine	16.34	200	804	0.243	ng	98
24) Pentachlorophenol	16.51	266	843	0.563	ng	93
25) Phenanthrene	16.88	178	5731	0.275	ng	99
26) Anthracene	16.97	178	4999	0.288	ng	99
28) Fluoranthene	18.91	202	6662	0.281	ng	99
30) Pyrene	19.28	202	6583	0.241	ng	99
32) Benzo(a)anthracene	21.05	228	6406	0.316	ng	99
33) Chrysene	21.10	228	6748	0.297	ng	100
34) Bis(2-ethylhexyl)phthalate	21.00	149	2166	0.199	ng	98
35) Indeno(1,2,3-cd)pyrene	25.25	276	10232	0.460	ng	98
37) Benzo(b)fluoranthene	22.56	252	8371	0.276	ng	99
38) Benzo(k)fluoranthene	22.60	252	8110	0.243	ng	97
39) Benzo(a)pyrene	23.09	252	7081	0.269	ng	97
40) Dibenzo(a,h)anthracene	25.26	278	8909	0.327	ng	94
41) Benzo(g,h,i)perylene	25.87	276	9856	0.326	ng	97

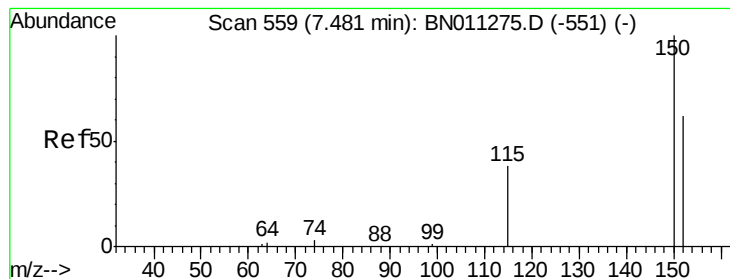
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
BNA_N
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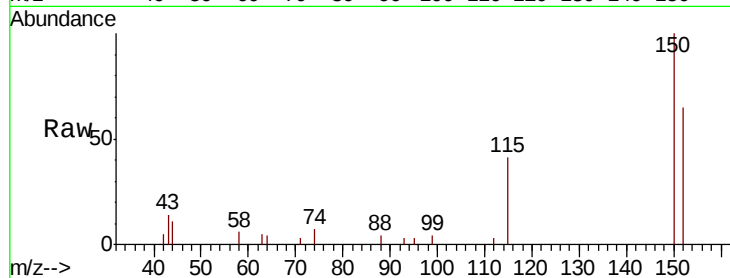


#1

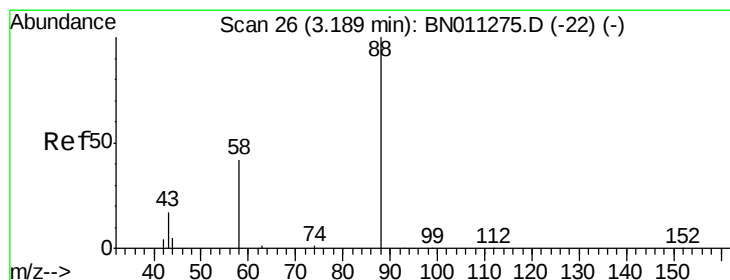
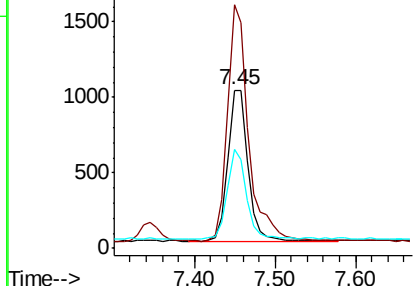
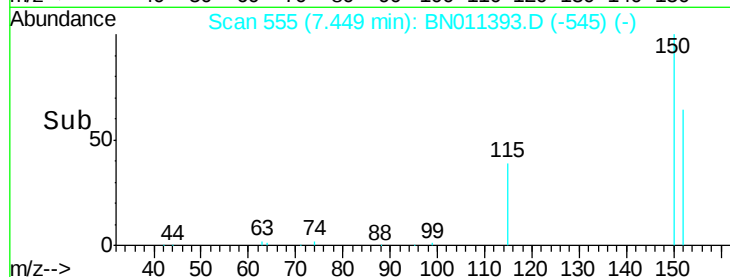
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.45 min Scan# 555
Delta R.T. -0.02 min
Lab File: BN011393.D
Acq: 07 Aug 2020 11:28

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 1752
Ion Ratio Lower Upper
152 100
150 153.9 126.5 189.7
115 62.9 51.9 77.9



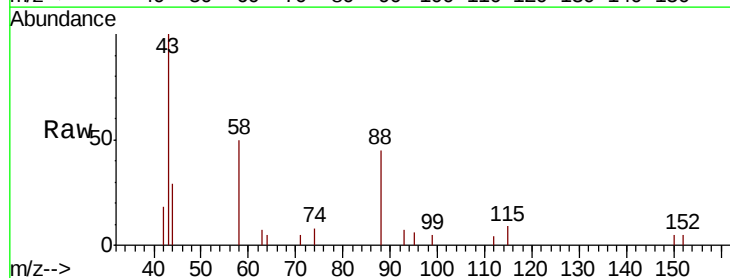
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



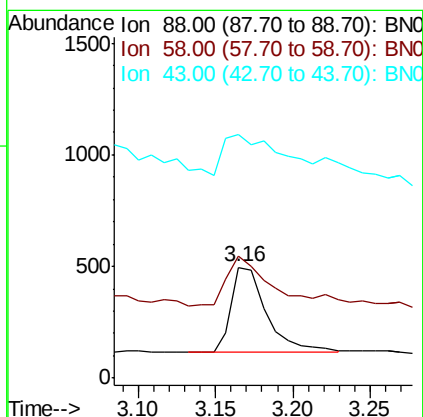
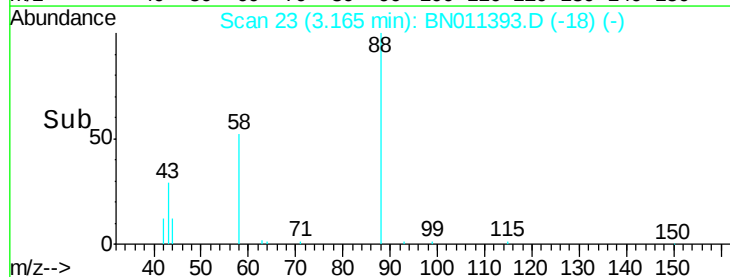
#2

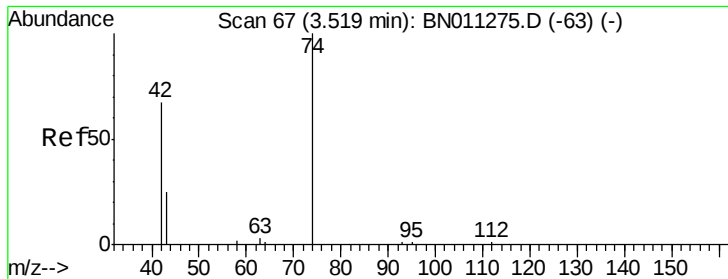
1,4-Dioxane
Concen: 0.250 ng
RT: 3.16 min Scan# 23
Delta R.T. -0.01 min
Lab File: BN011393.D
Acq: 07 Aug 2020 11:28

Tgt Ion: 88 Resp: 616
Ion Ratio Lower Upper
88 100
58 73.1 36.5 54.7#
43 86.9 16.1 24.1#



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





#3

n-Nitrosodimethylamine

Concen: 0.258 ng

RT: 3.49 min Scan# 63

Delta R.T. -0.02 min

Lab File: BN011393.D

Acq: 07 Aug 2020 11:28

Instrument :

BNA_N

ClientSampleId :

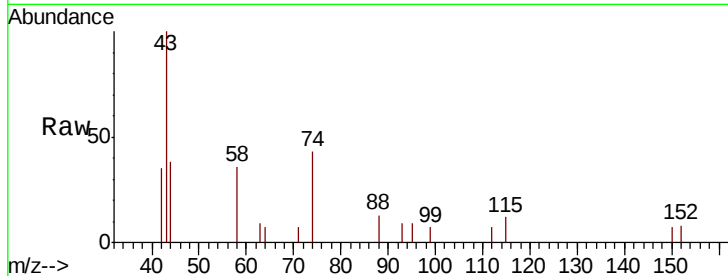
Tot Ion: 42 Resp: 326

Ion Ratio Lower Upper

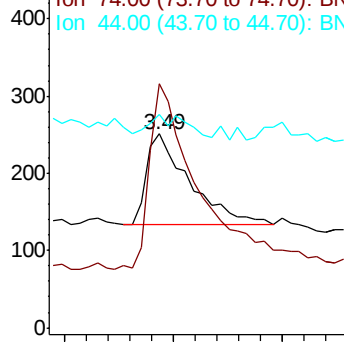
42 100

74 235.9 144.2 216.2#

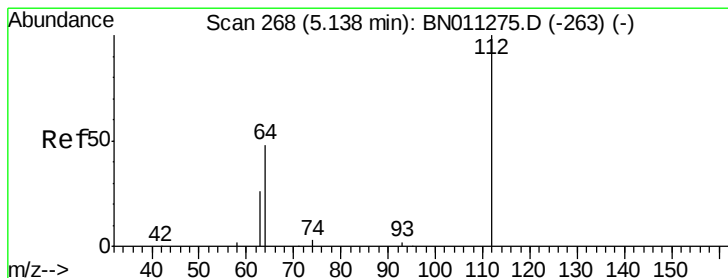
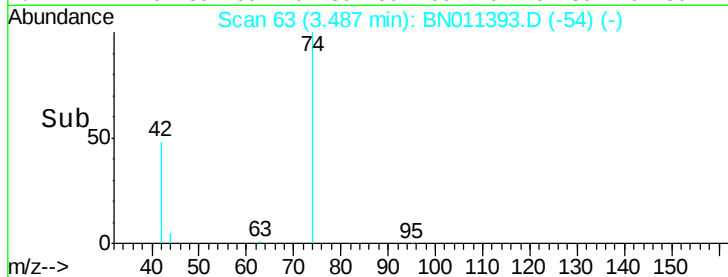
44 21.2 11.1 16.7#



Abundance Ion 42.00 (41.70 to 42.70): BN011393.D (-54) (-)



Time-->



#4

2-Fluorophenol

Concen: 0.367 ng

RT: 5.12 min Scan# 266

Delta R.T. -0.01 min

Lab File: BN011393.D

Acq: 07 Aug 2020 11:28

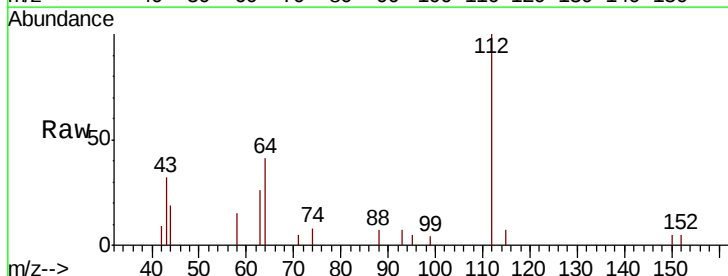
Tgt Ion: 112 Resp: 1690

Ion Ratio Lower Upper

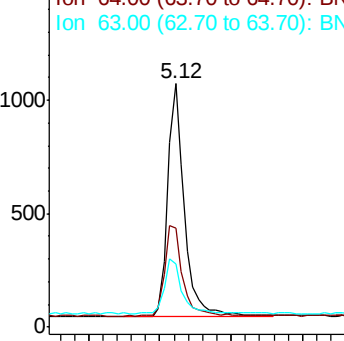
112 100

64 42.3 35.8 53.6

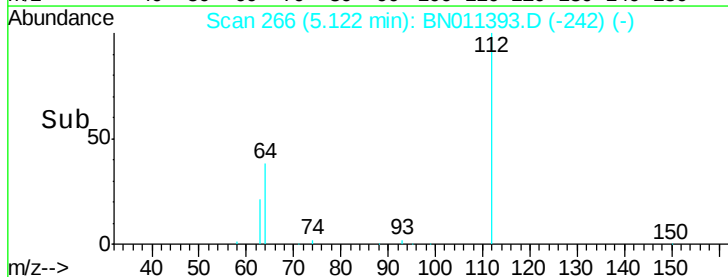
63 23.7 19.3 28.9

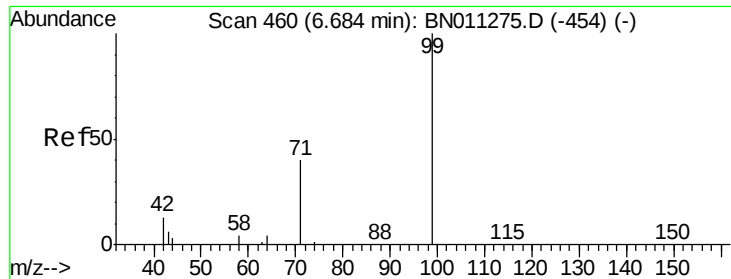


Abundance Ion 112.00 (111.70 to 112.70): BN011393.D (-242) (-)



Time-->





#5

Phenol-d6

Concen: 0.309 ng

RT: 6.66 min Scan# 457

Delta R.T. -0.01 min

Lab File: BN011393.D

Acq: 07 Aug 2020 11:28

Instrument :

BNA_N

ClientSampleId :

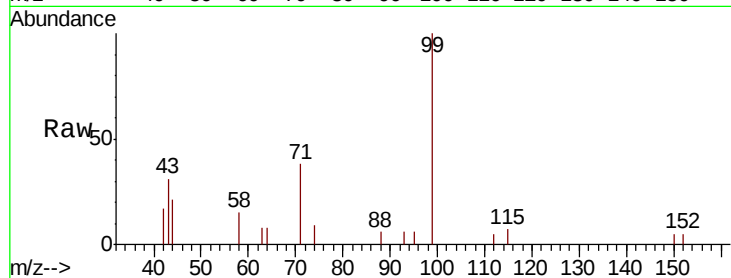
Tot Ion: 99 Resp: 1731

Ion Ratio Lower Upper

99 100

42 15.0 11.2 16.8

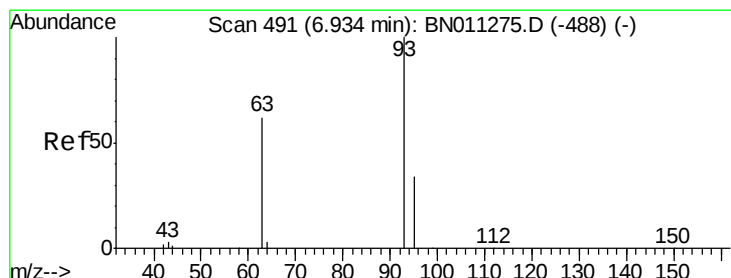
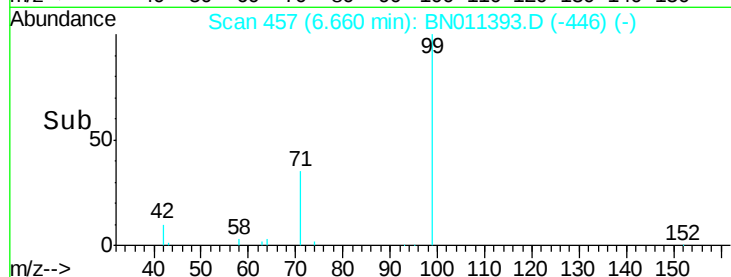
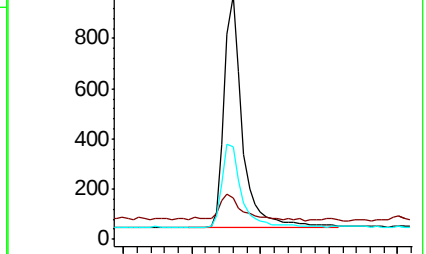
71 39.5 30.6 45.8



Abundance Ion 99.00 (98.70 to 99.70): BN011393.D (-457) (-)

Ion 42.00 (41.70 to 42.70): BN011393.D (-457) (-)

Ion 71.00 (70.70 to 71.70): BN011393.D (-457) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.282 ng

RT: 6.90 min Scan# 487

Delta R.T. -0.02 min

Lab File: BN011393.D

Acq: 07 Aug 2020 11:28

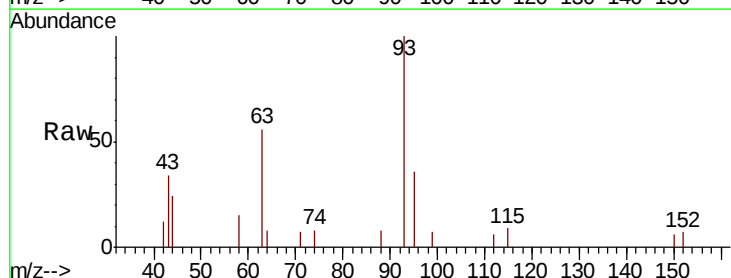
Tgt Ion: 93 Resp: 1313

Ion Ratio Lower Upper

93 100

63 52.4 47.8 71.6

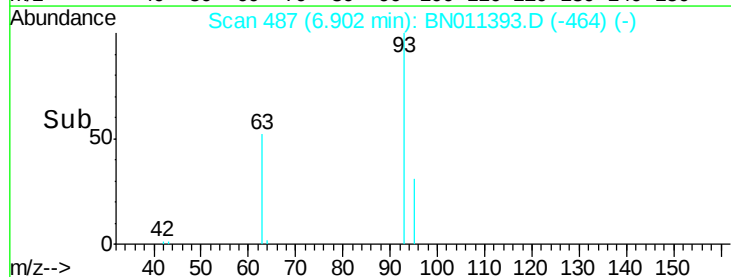
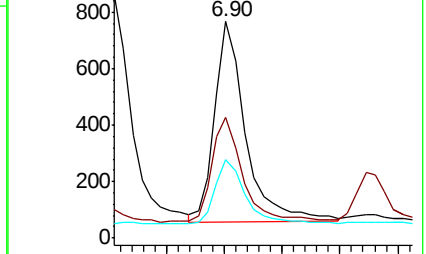
95 31.5 27.1 40.7

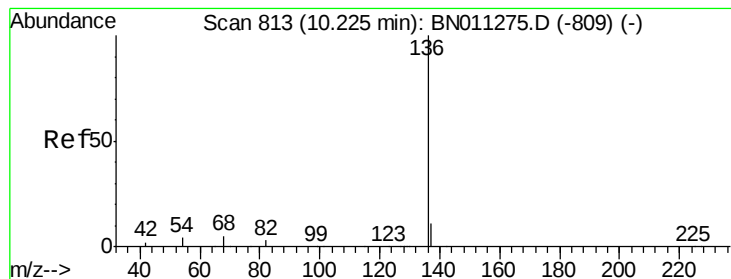


Abundance Ion 93.00 (92.70 to 93.70): BN011393.D (-484) (-)

Ion 63.00 (62.70 to 63.70): BN011393.D (-484) (-)

Ion 95.00 (94.70 to 95.70): BN011393.D (-484) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.20 min Scan# 811

Delta R.T. -0.01 min

Lab File: BN011393.D

Acq: 07 Aug 2020 11:28

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 6052

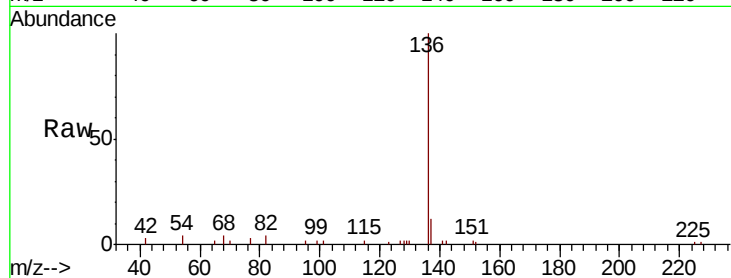
Ion Ratio Lower Upper

136 100

137 12.4 9.9 14.9

54 4.0 4.8 7.2#

68 4.4 4.9 7.3#

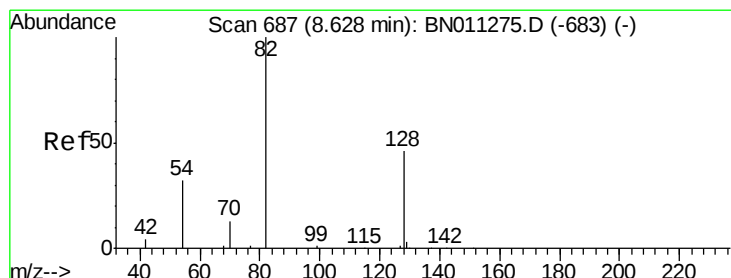
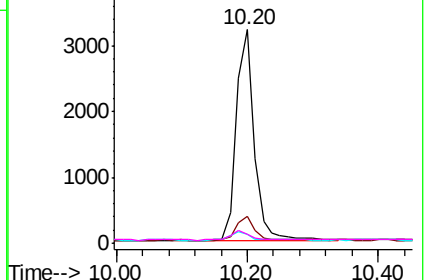
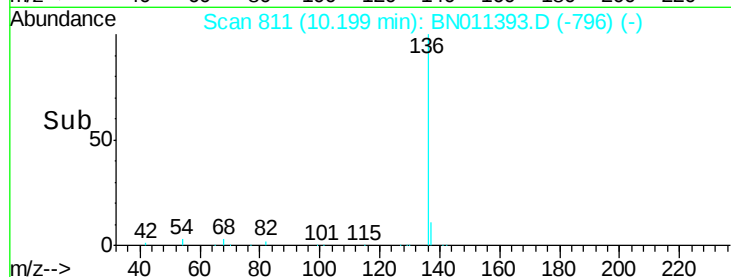


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.381 ng

RT: 8.59 min Scan# 684

Delta R.T. -0.01 min

Lab File: BN011393.D

Acq: 07 Aug 2020 11:28

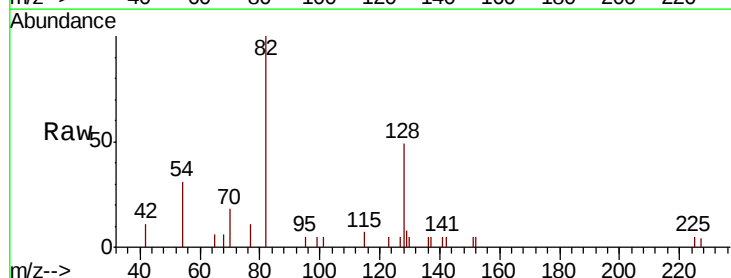
Tgt Ion: 82 Resp: 2059

Ion Ratio Lower Upper

82 100

128 48.7 40.1 60.1

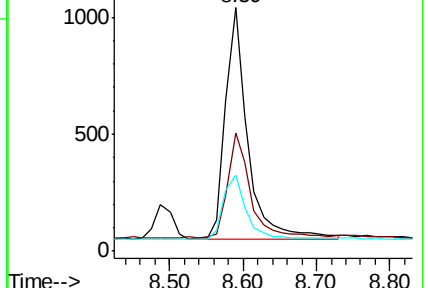
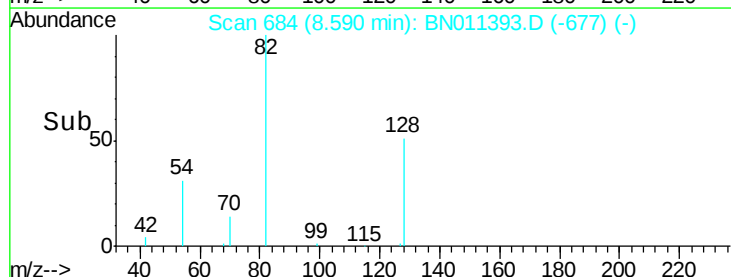
54 31.1 29.0 43.6

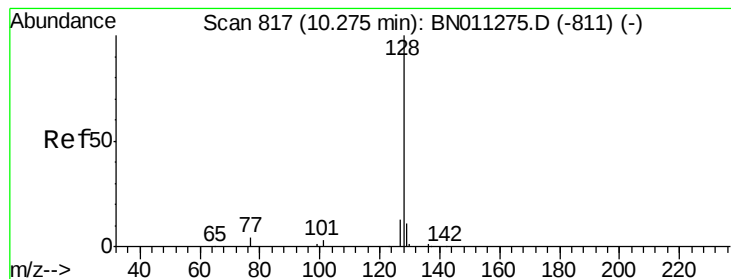


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.283 ng

RT: 10.25 min Scan# 815

Delta R.T. -0.01 min

Lab File: BN011393.D

Acq: 07 Aug 2020 11:28

Instrument :

BNA_N

ClientSampleId :

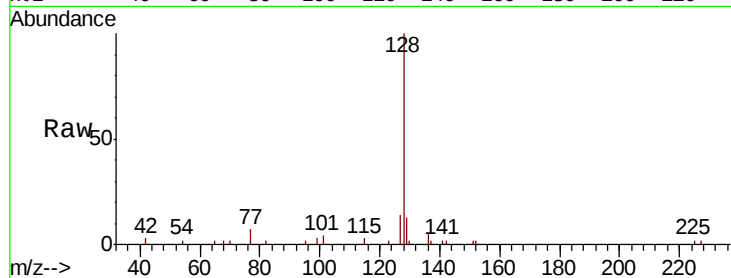
Tot Ion:128 Resp: 5073

Ion Ratio Lower Upper

128 100

129 13.1 9.7 14.5

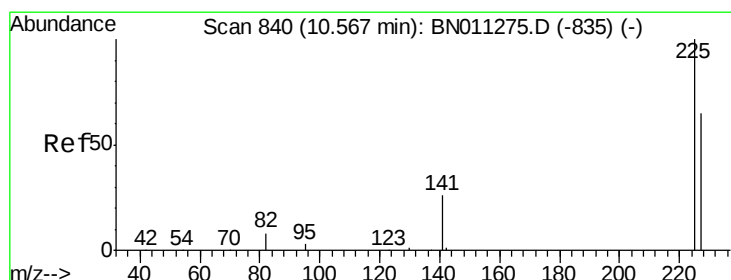
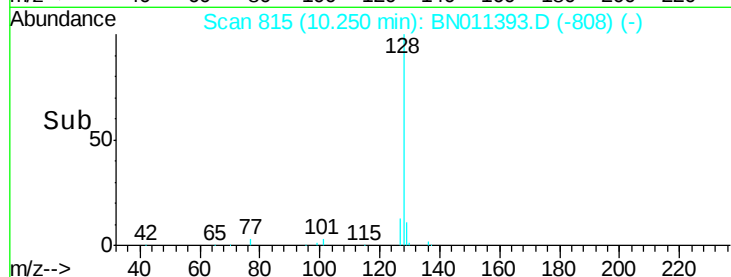
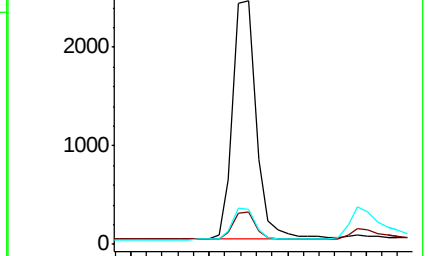
127 14.5 11.5 17.3



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: 0.271 ng

RT: 10.54 min Scan# 838

Delta R.T. -0.01 min

Lab File: BN011393.D

Acq: 07 Aug 2020 11:28

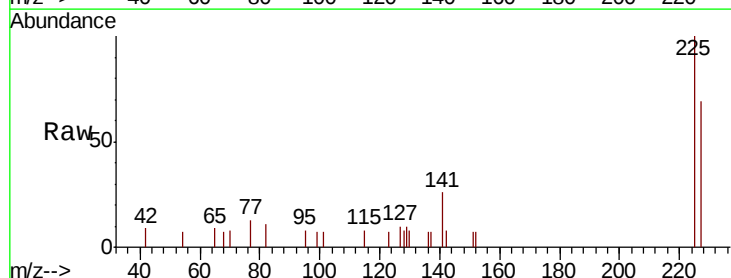
Tgt Ion:225 Resp: 1176

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

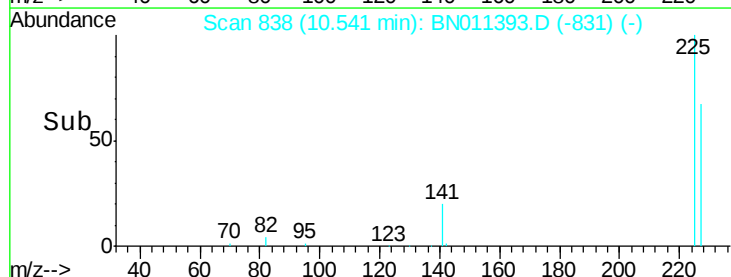
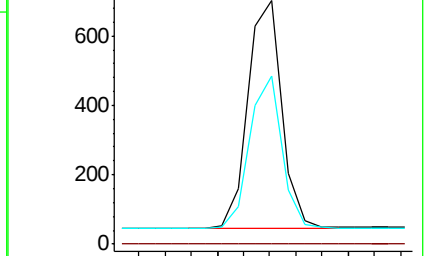
227 64.3 51.7 77.5

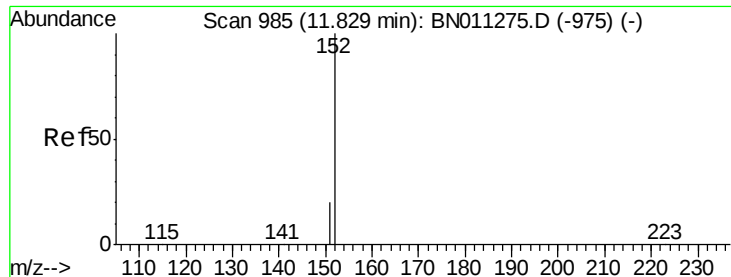


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

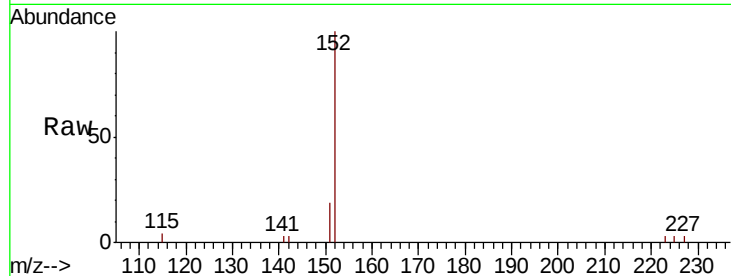




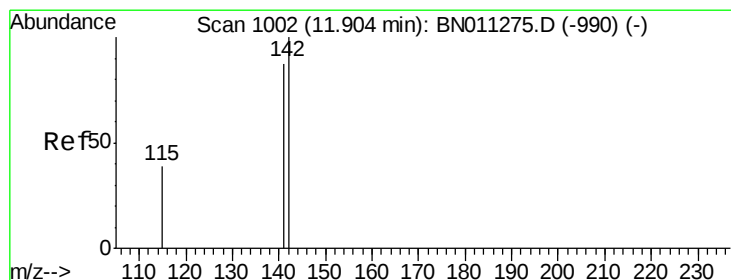
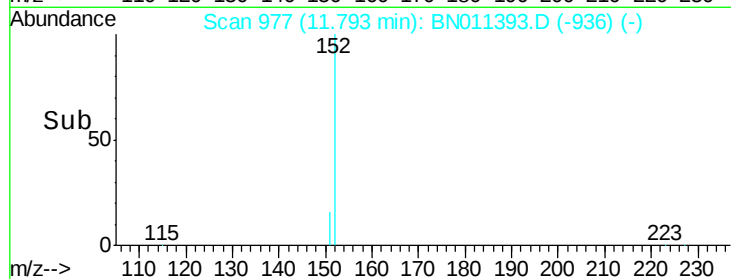
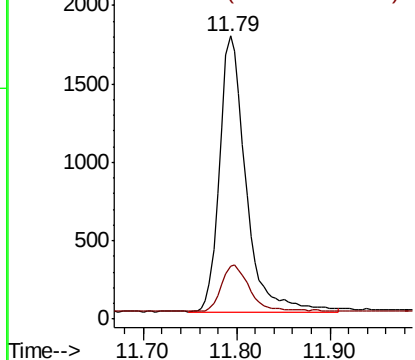
#11
2-Methylnaphthalene-d10
Concen: 0.312 ng
RT: 11.79 min Scan# 977
Delta R.T. -0.02 min
Lab File: BN011393.D
Acq: 07 Aug 2020 11:28

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 3445
Ion Ratio Lower Upper
152 100
151 18.1 16.6 24.8

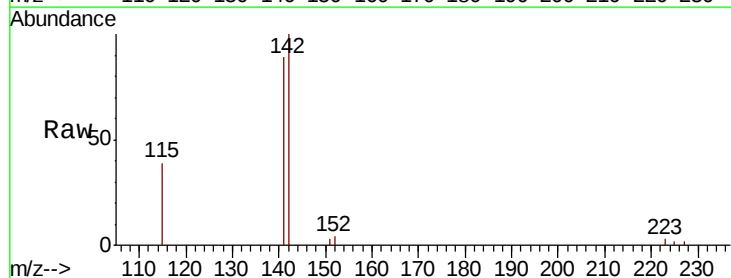


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E

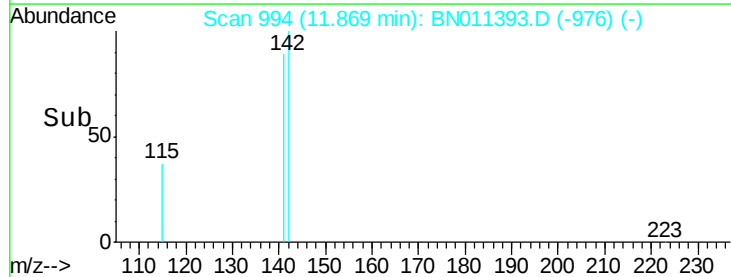
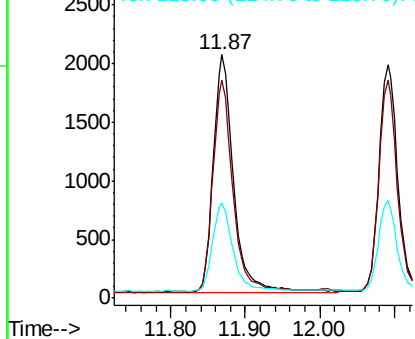


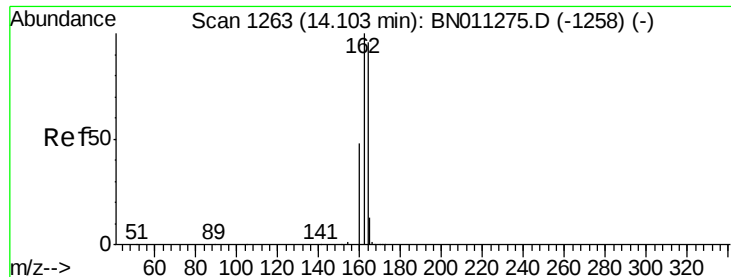
#12
2-Methylnaphthalene
Concen: 0.300 ng
RT: 11.87 min Scan# 994
Delta R.T. -0.02 min
Lab File: BN011393.D
Acq: 07 Aug 2020 11:28

Tgt Ion:142 Resp: 3815
Ion Ratio Lower Upper
142 100
141 89.5 69.6 104.4
115 39.2 32.5 48.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

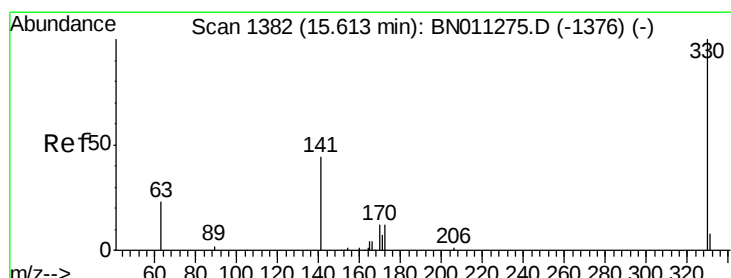
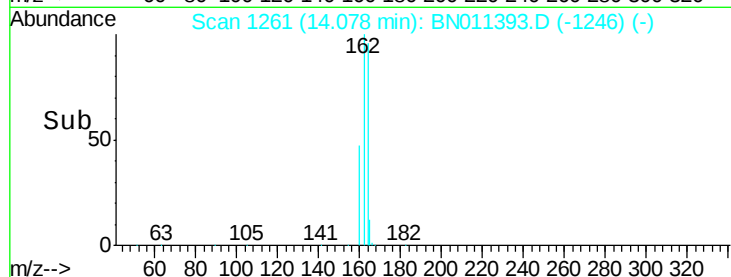
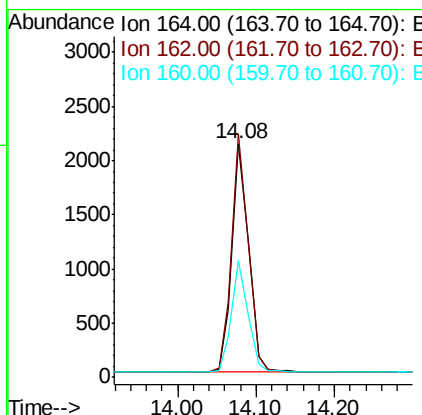
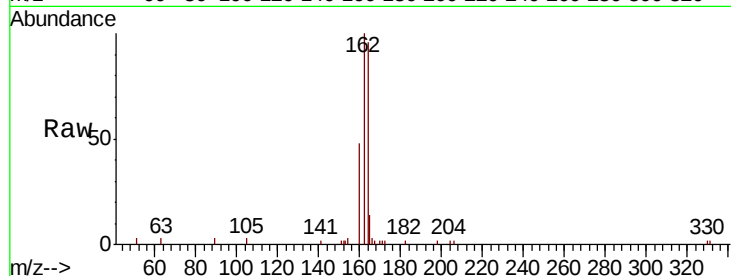




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.08 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BN011393.D
Acq: 07 Aug 2020 11:28

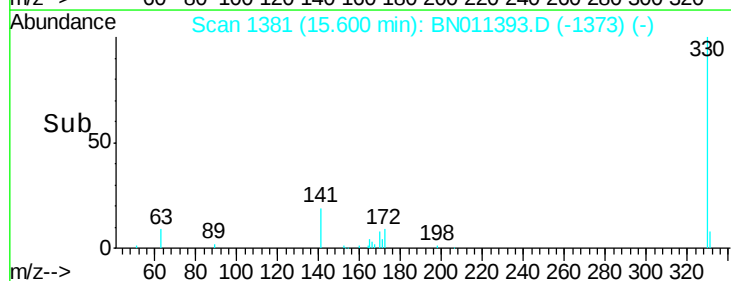
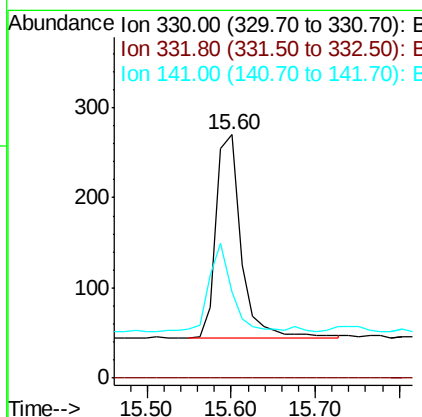
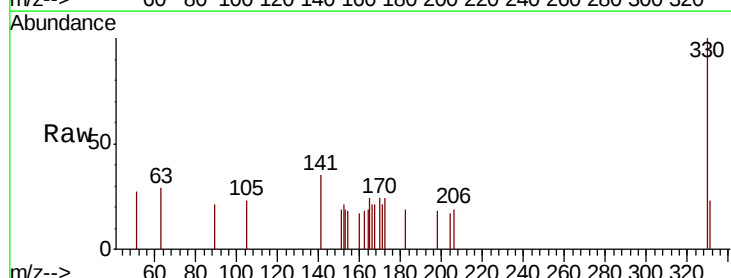
Instrument :
BNA_N
ClientSampleId :

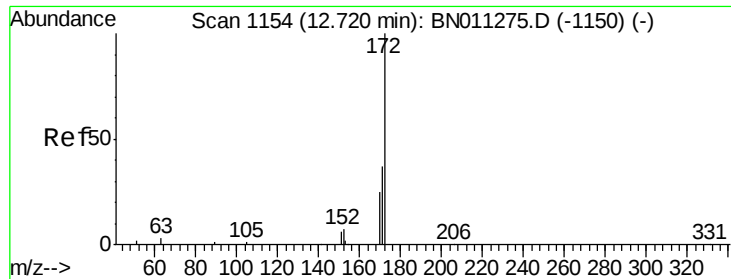
Tot Ion:164 Resp: 3140
Ion Ratio Lower Upper
164 100
162 104.3 83.6 125.4
160 50.0 41.2 61.8



#14
2,4,6-Tribromophenol
Concen: 0.322 ng
RT: 15.60 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BN011393.D
Acq: 07 Aug 2020 11:28

Tgt Ion:330 Resp: 466
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 40.1 34.2 51.2

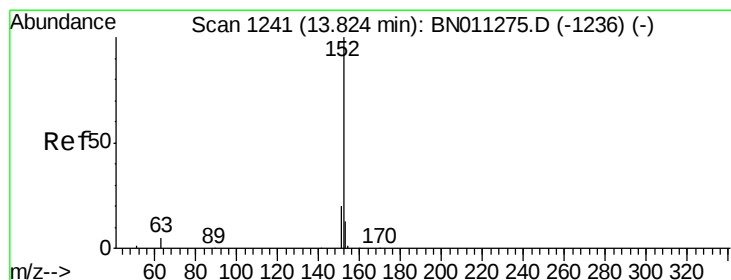
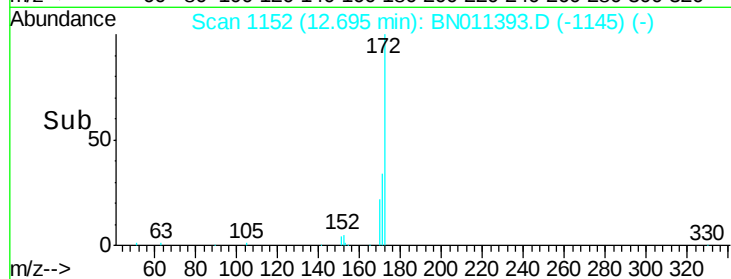
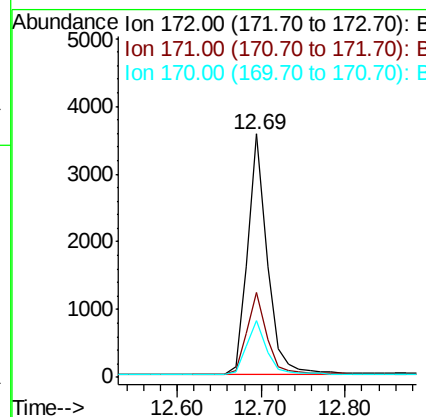
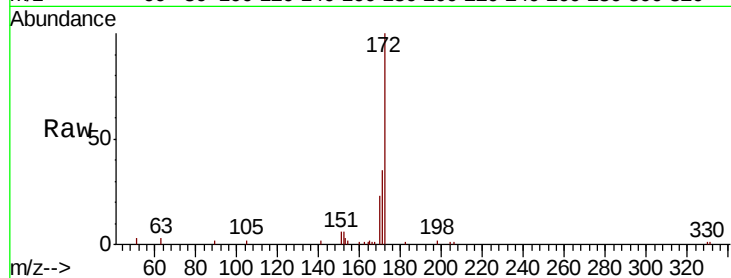




#15
2-Fluorobiphenyl
Concen: 0.426 ng
RT: 12.69 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BN011393.D
Acq: 07 Aug 2020 11:28

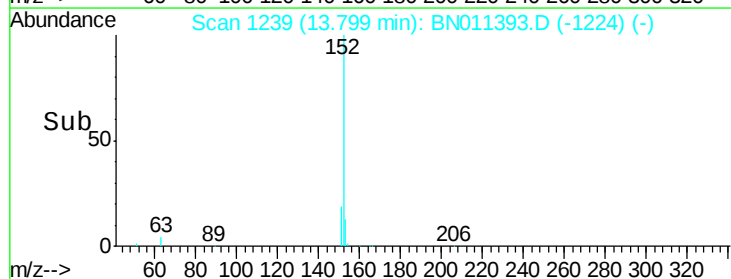
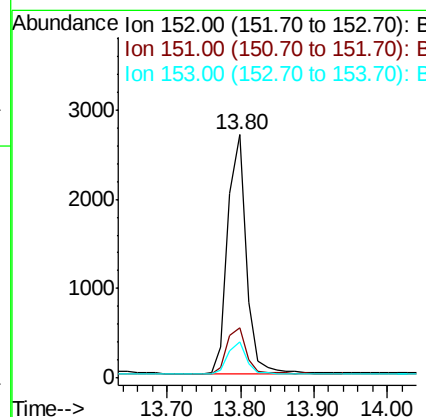
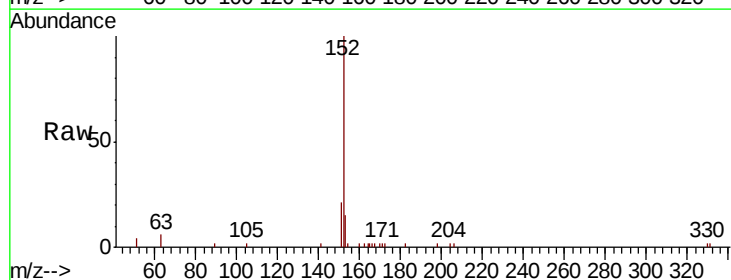
Instrument :
BNA_N
ClientSampleId :

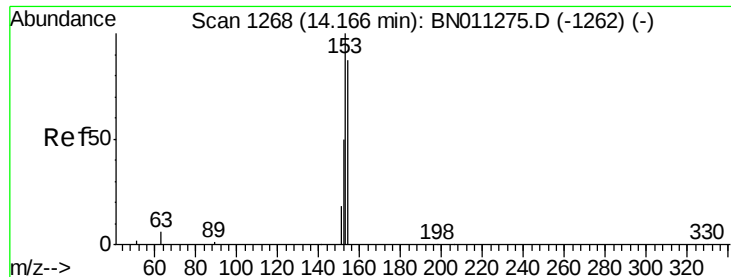
Tot Ion:172 Resp: 5778
Ion Ratio Lower Upper
172 100
171 35.1 30.6 46.0
170 23.3 21.0 31.4



#16
Acenaphthylene
Concen: 0.289 ng
RT: 13.80 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BN011393.D
Acq: 07 Aug 2020 11:28

Tgt Ion:152 Resp: 4670
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.8
153 13.2 10.2 15.4





#17

Acenaphthene

Concen: 0.274 ng

RT: 14.14 min Scan# 1266

Delta R.T. -0.01 min

Lab File: BN011393.D

Acq: 07 Aug 2020 11:28

Instrument :

BNA_N

ClientSampleId :

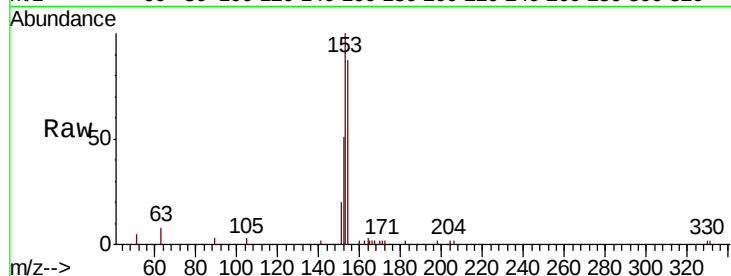
Tot Ion:154 Resp: 2884

Ion Ratio Lower Upper

154 100

153 114.6 91.3 136.9

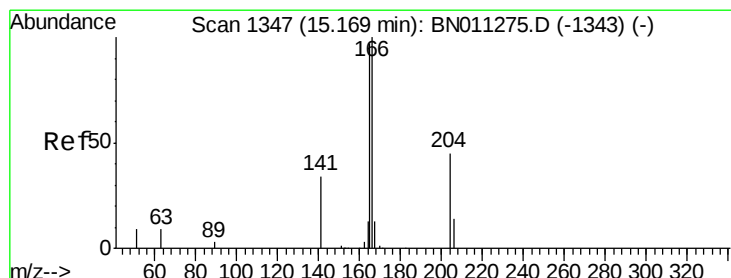
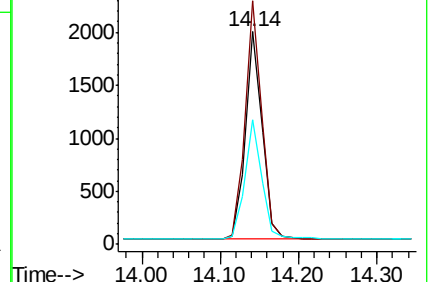
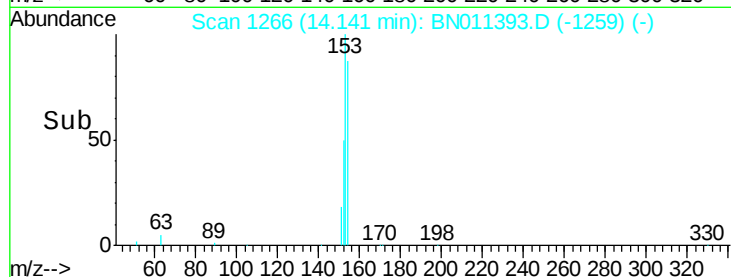
152 58.4 45.8 68.6



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: 0.273 ng

RT: 15.14 min Scan# 1345

Delta R.T. -0.01 min

Lab File: BN011393.D

Acq: 07 Aug 2020 11:28

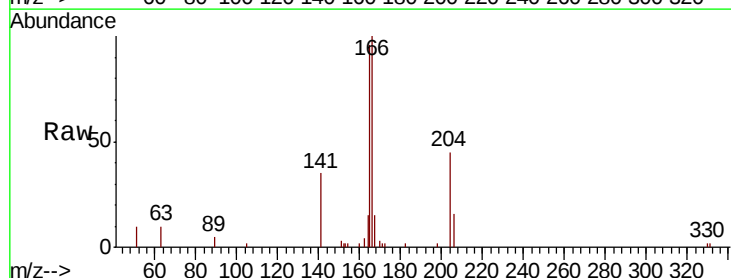
Tgt Ion:166 Resp: 3696

Ion Ratio Lower Upper

166 100

165 96.8 79.6 119.4

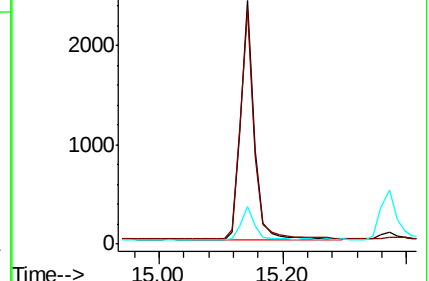
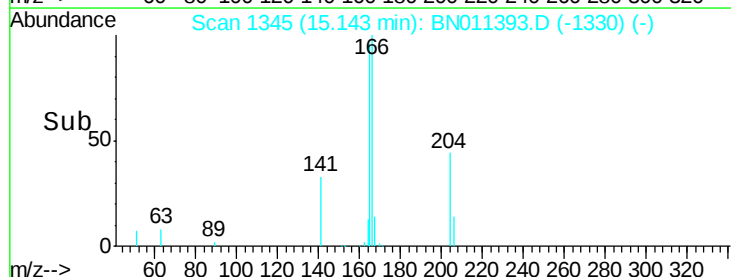
167 13.8 10.8 16.2

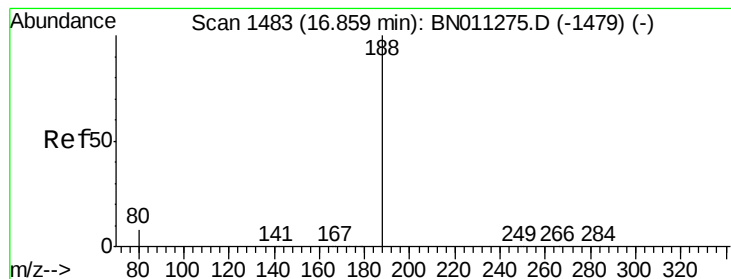


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.83 min Scan# 1481

Delta R.T. -0.01 min

Lab File: BN011393.D

Acq: 07 Aug 2020 11:28

Instrument :

BNA_N

ClientSampleId :

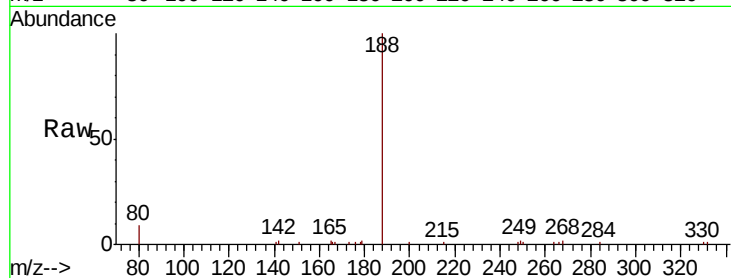
Tot Ion:188 Resp: 6414

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

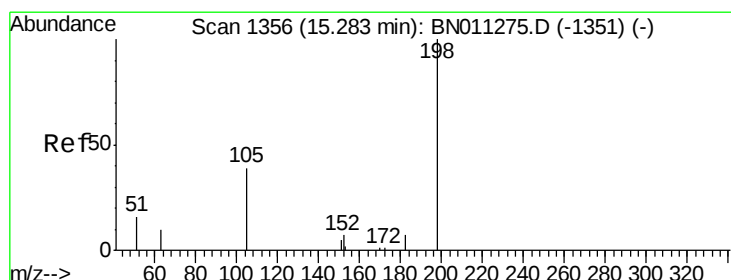
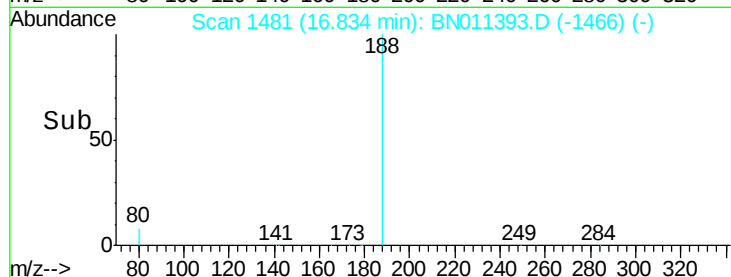
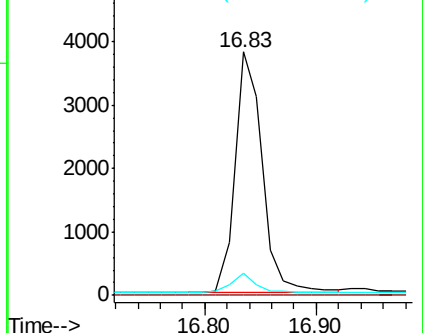
80 9.0 7.4 11.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BN0

Ion 80.00 (79.70 to 80.70): BN0



#20

4,6-Dinitro-2-methylphenol

Concen: 0.299 ng

RT: 15.27 min Scan# 1355

Delta R.T. -0.00 min

Lab File: BN011393.D

Acq: 07 Aug 2020 11:28

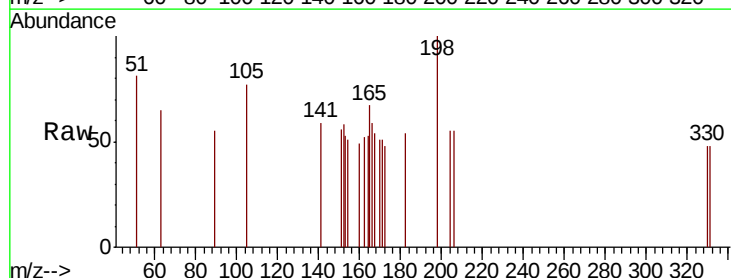
Tgt Ion:198 Resp: 141

Ion Ratio Lower Upper

198 100

51 80.6 49.0 73.6#

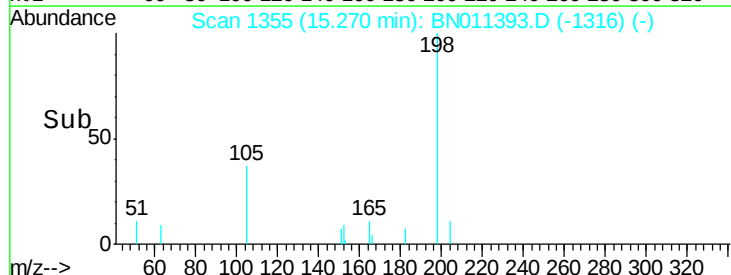
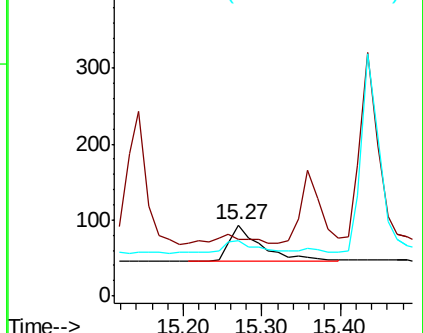
105 77.4 53.8 80.6

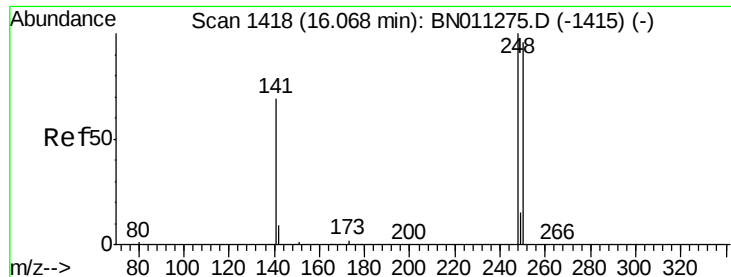


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BN0

Ion 105.00 (104.70 to 105.70): E





#21

4-Bromophenyl-phenylether

Concen: 0.289 ng

RT: 16.04 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BN011393.D

Acq: 07 Aug 2020 11:28

Instrument :

BNA_N

ClientSampleId :

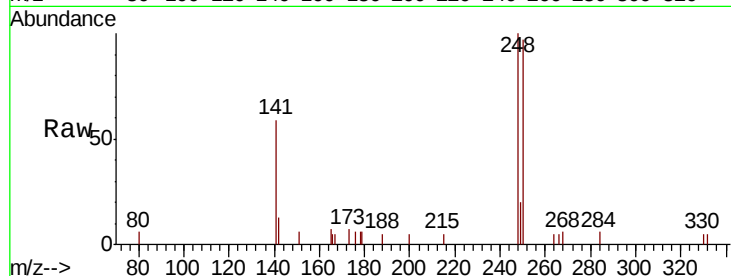
Tot Ion:248 Resp: 1229

Ion Ratio Lower Upper

248 100

250 97.1 77.2 115.8

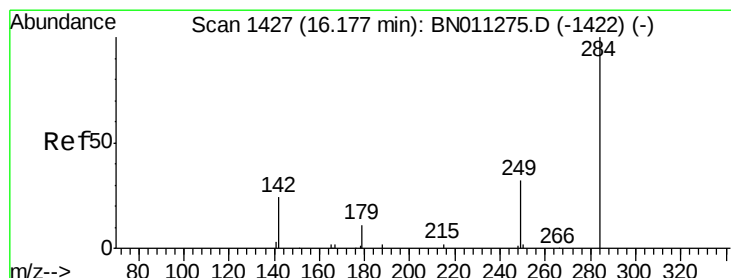
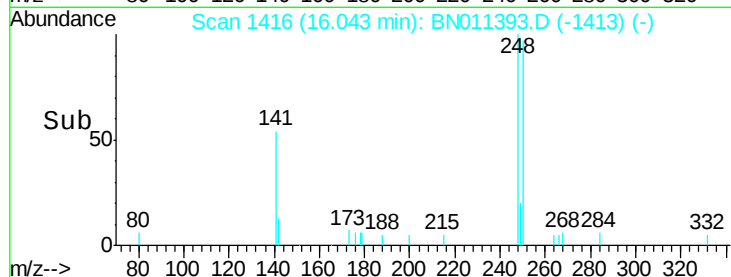
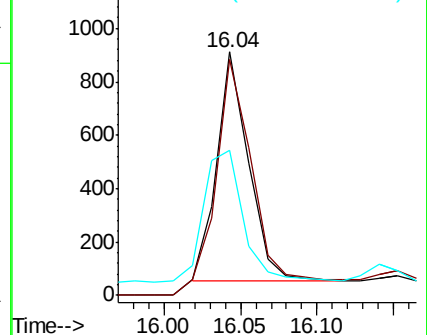
141 59.4 56.5 84.7



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: 0.292 ng

RT: 16.15 min Scan# 1425

Delta R.T. -0.01 min

Lab File: BN011393.D

Acq: 07 Aug 2020 11:28

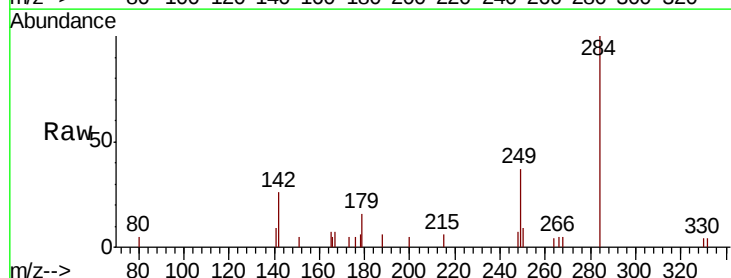
Tgt Ion:284 Resp: 1408

Ion Ratio Lower Upper

284 100

142 37.4 32.8 49.2

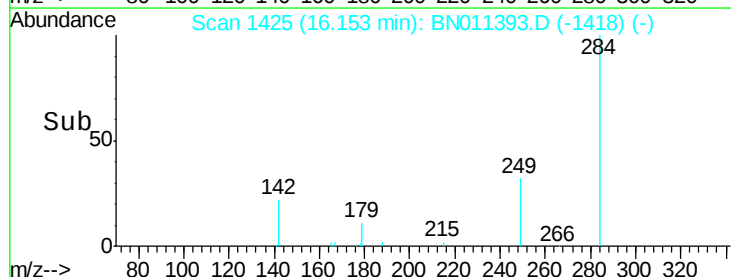
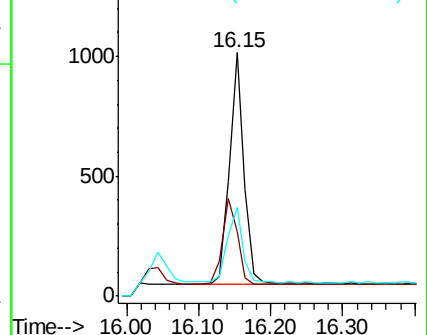
249 33.5 26.6 40.0

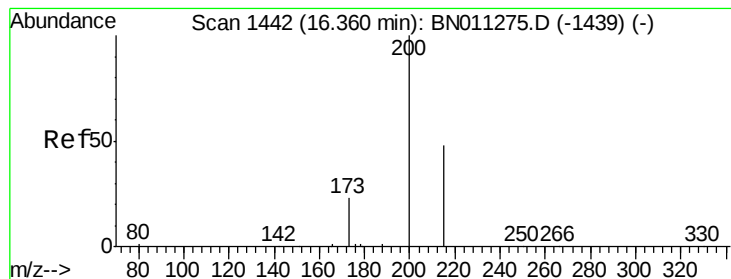


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#23

Atrazine

Concen: 0.243 ng

RT: 16.34 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BN011393.D

Acq: 07 Aug 2020 11:28

Instrument :

BNA_N

ClientSampleId :

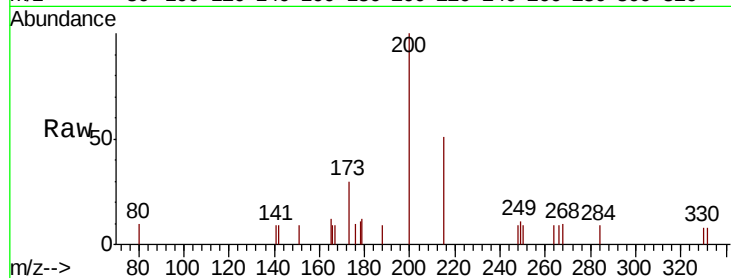
Tot Ion:200 Resp: 804

Ion Ratio Lower Upper

200 100

173 30.2 22.0 33.0

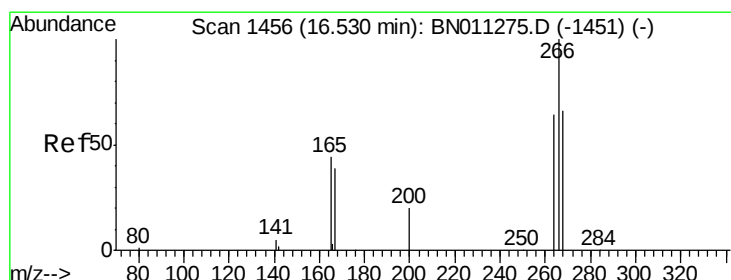
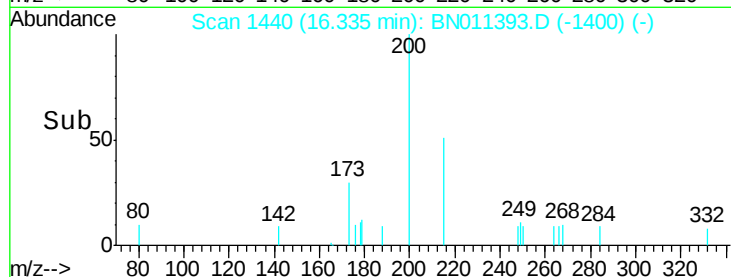
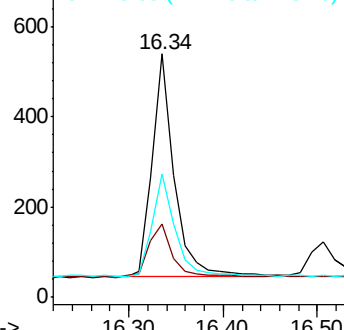
215 50.8 41.1 61.7



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#24

Pentachlorophenol

Concen: 0.563 ng

RT: 16.51 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BN011393.D

Acq: 07 Aug 2020 11:28

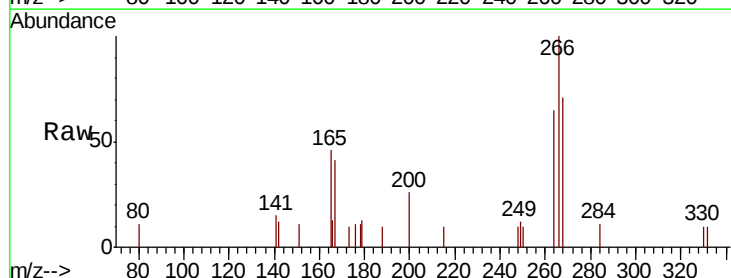
Tgt Ion:266 Resp: 843

Ion Ratio Lower Upper

266 100

264 59.5 51.1 76.7

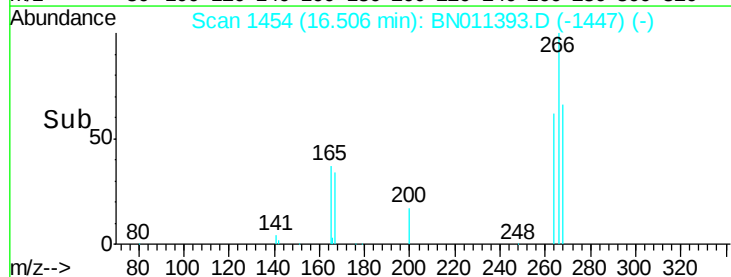
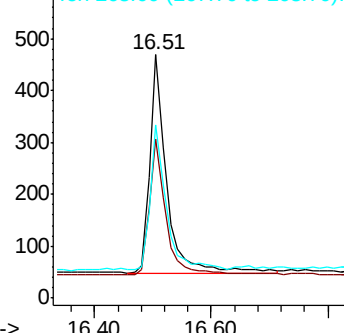
268 62.8 55.5 83.3

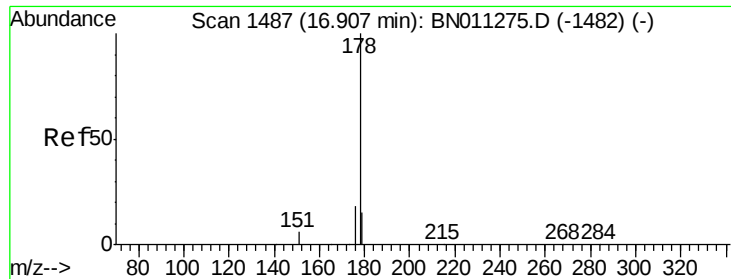


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Phenanthrene

Concen: 0.275 ng

RT: 16.88 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BN011393.D

Acq: 07 Aug 2020 11:28

Instrument :

BNA_N

ClientSampleId :

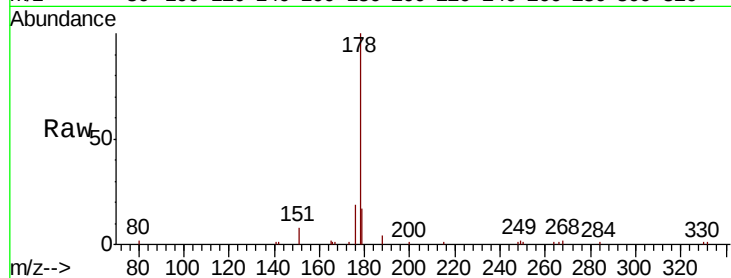
Tot Ion:178 Resp: 5731

Ion Ratio Lower Upper

178 100

176 19.0 14.9 22.3

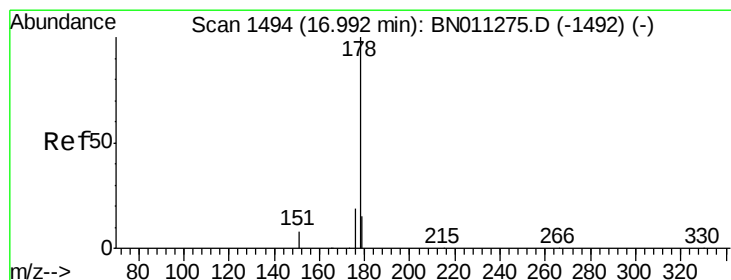
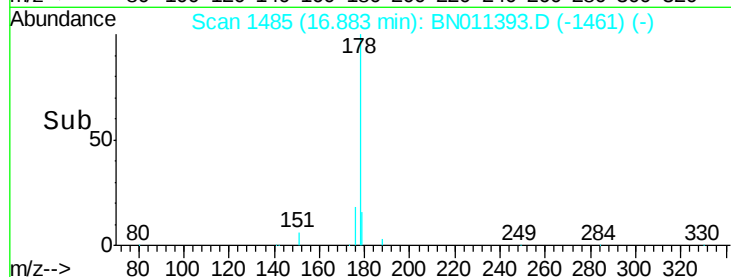
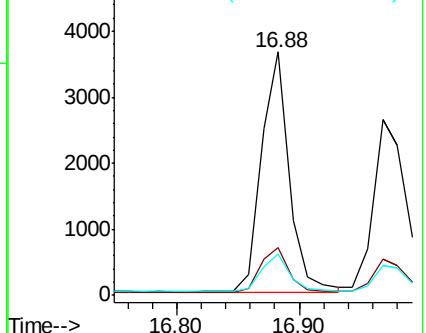
179 15.6 12.2 18.4



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: 0.288 ng

RT: 16.97 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BN011393.D

Acq: 07 Aug 2020 11:28

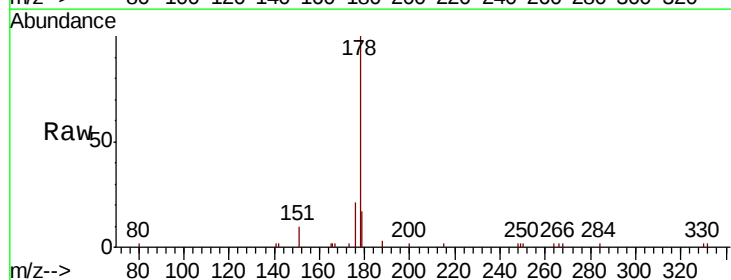
Tgt Ion:178 Resp: 4999

Ion Ratio Lower Upper

178 100

176 18.4 15.0 22.6

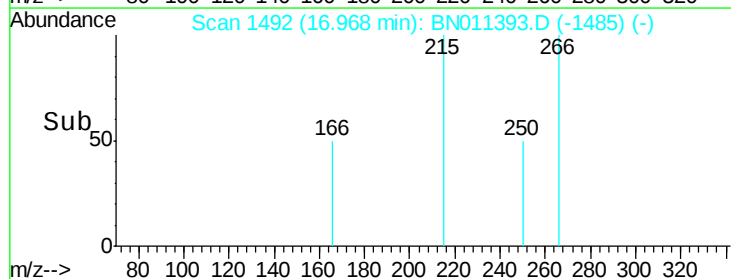
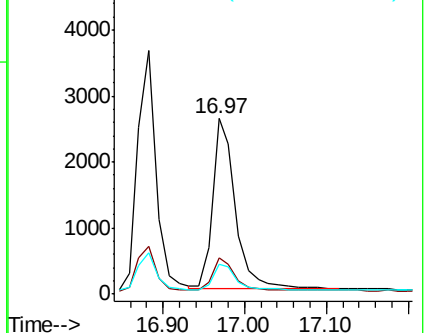
179 14.9 12.1 18.1

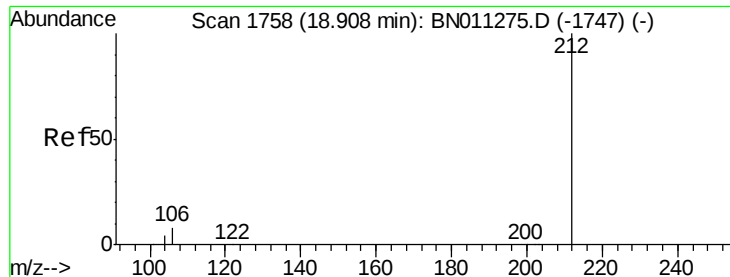


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

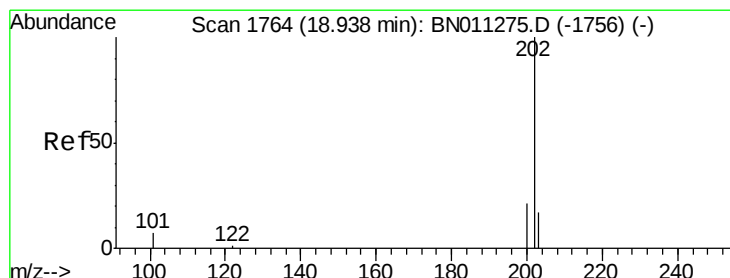
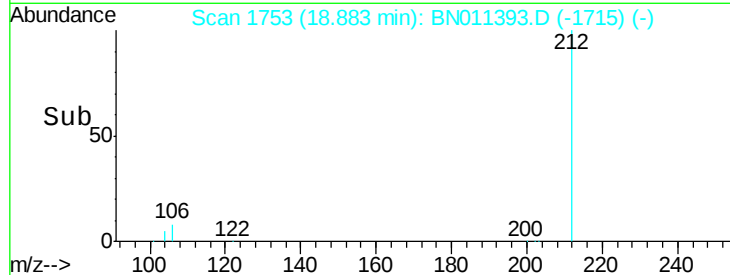
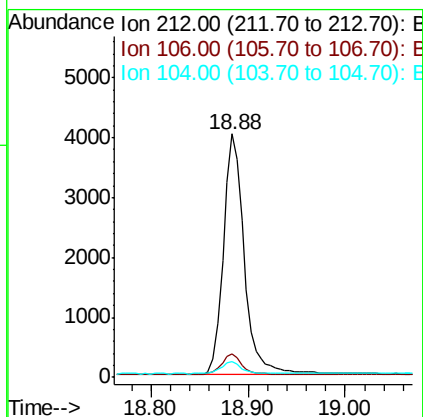
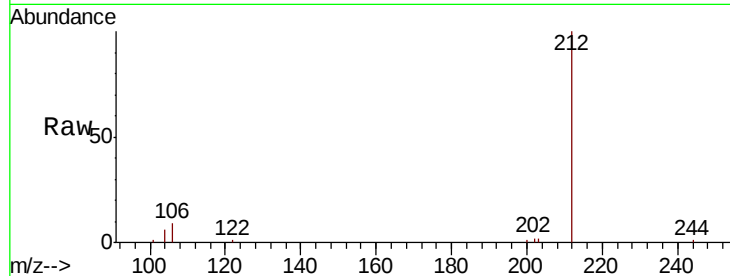




#27
 Fluoranthene-d10
 Concen: 0.308 ng
 RT: 18.88 min Scan# 1753
 Delta R.T. -0.01 min
 Lab File: BN011393.D
 Acq: 07 Aug 2020 11:28

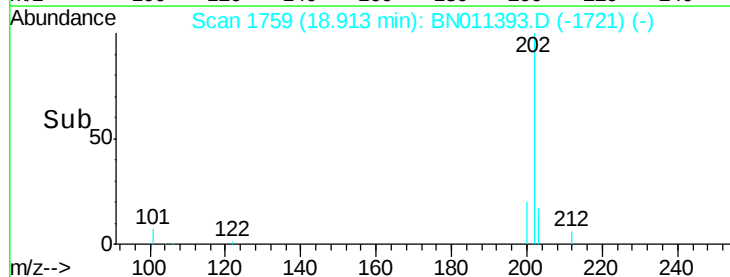
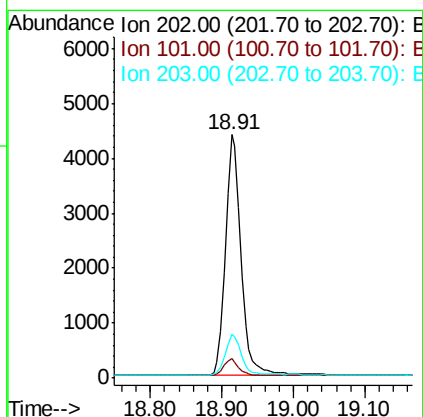
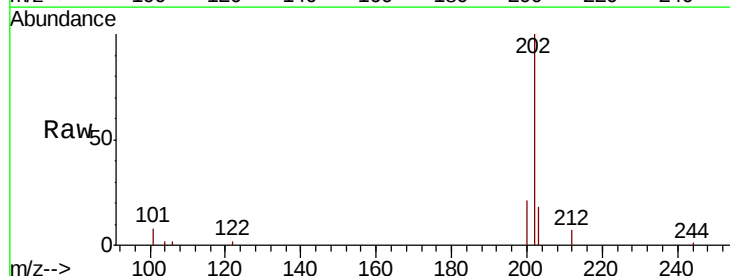
Instrument :
 BNA_N
 ClientSampleId :

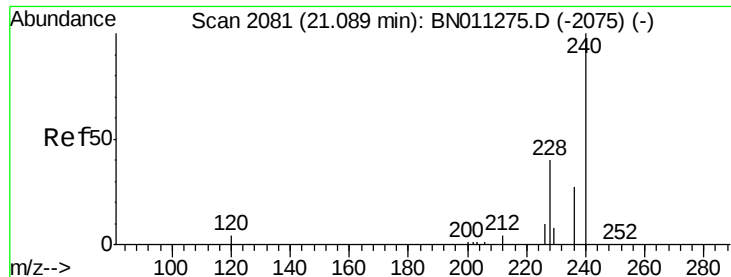
Tot Ion:212 Resp: 6036
 Ion Ratio Lower Upper
 212 100
 106 8.1 6.9 10.3
 104 5.0 4.2 6.2



#28
 Fluoranthene
 Concen: 0.281 ng
 RT: 18.91 min Scan# 1759
 Delta R.T. -0.01 min
 Lab File: BN011393.D
 Acq: 07 Aug 2020 11:28

Tgt Ion:202 Resp: 6662
 Ion Ratio Lower Upper
 202 100
 101 6.7 5.9 8.9
 203 17.0 13.7 20.5

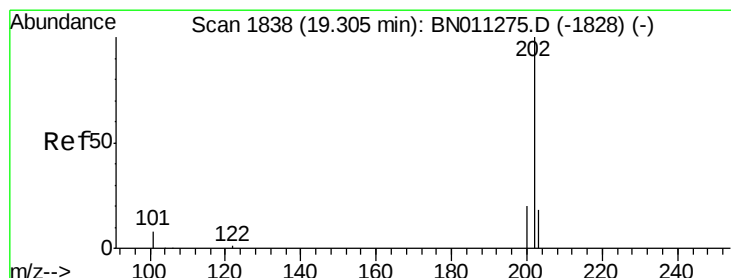
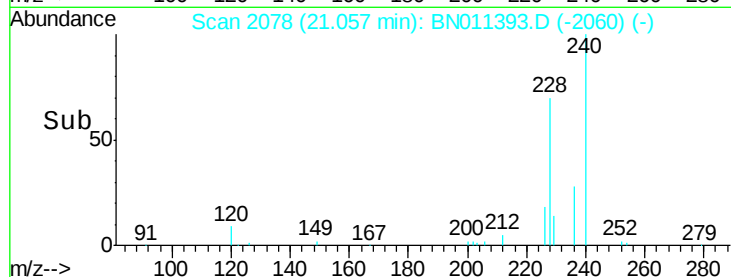
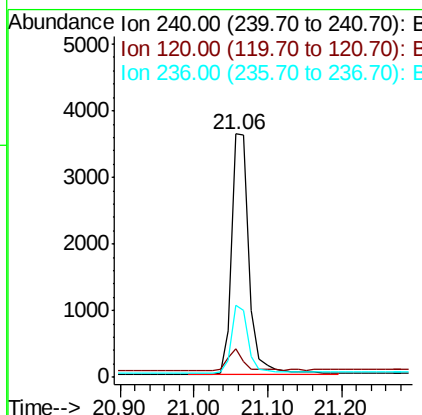
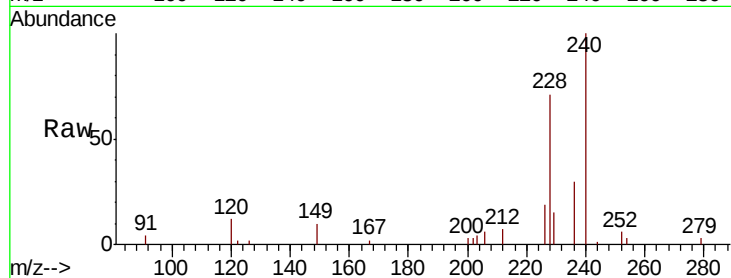




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.06 min Scan# 2078
Delta R.T. -0.01 min
Lab File: BN011393.D
Acq: 07 Aug 2020 11:28

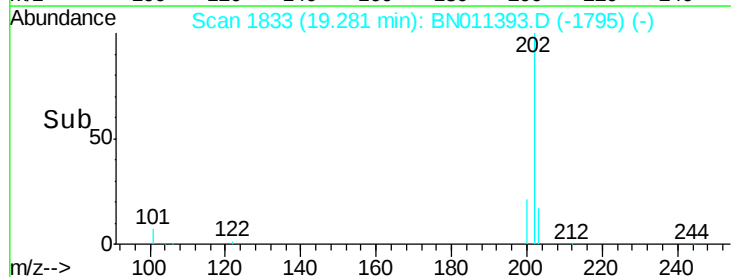
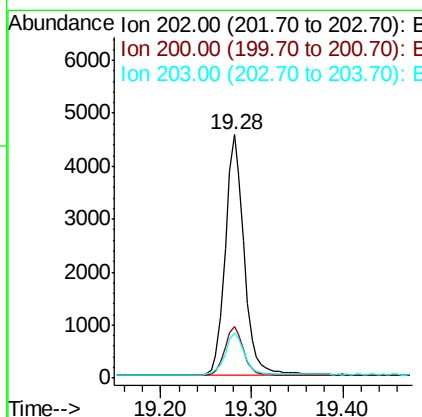
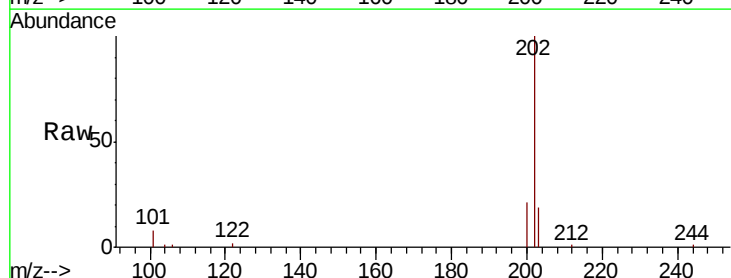
Instrument :
BNA_N
ClientSampleId :

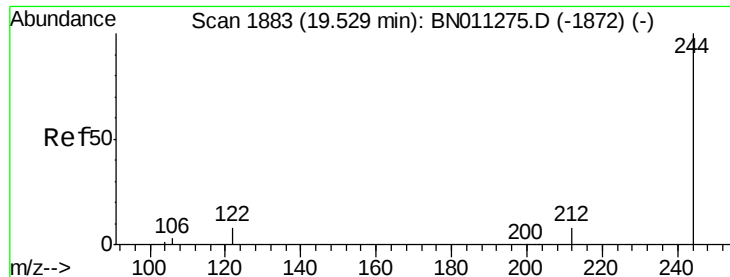
Tot Ion:240 Resp: 6054
Ion Ratio Lower Upper
240 100
120 11.7 5.8 8.8#
236 29.6 22.7 34.1



#30
Pyrene
Concen: 0.241 ng
RT: 19.28 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BN011393.D
Acq: 07 Aug 2020 11:28

Tgt Ion:202 Resp: 6583
Ion Ratio Lower Upper
202 100
200 20.5 16.3 24.5
203 18.1 14.1 21.1





#31

Terphenyl-d14

Concen: 0.382 ng

RT: 19.50 min Scan# 1878

Delta R.T. -0.01 min

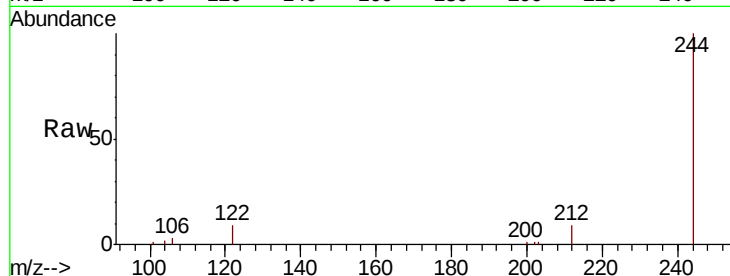
Lab File: BN011393.D

Acq: 07 Aug 2020 11:28

Instrument :

BNA_N

ClientSampleId :



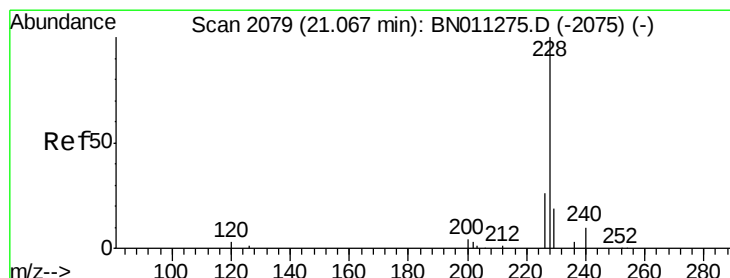
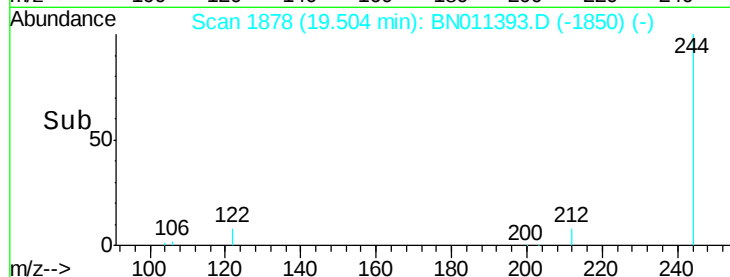
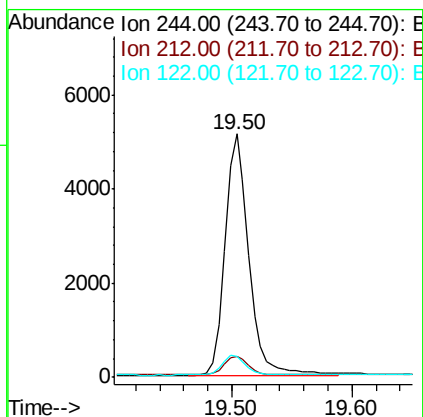
Tot Ion:244 Resp: 7000

Ion Ratio Lower Upper

244 100

212 8.8 7.6 11.4

122 8.6 7.5 11.3



#32

Benzo(a)anthracene

Concen: 0.316 ng

RT: 21.05 min Scan# 2077

Delta R.T. -0.01 min

Lab File: BN011393.D

Acq: 07 Aug 2020 11:28

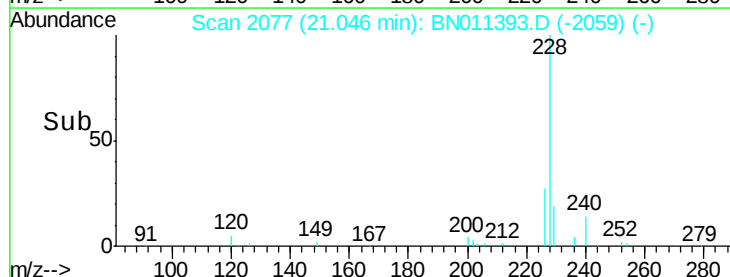
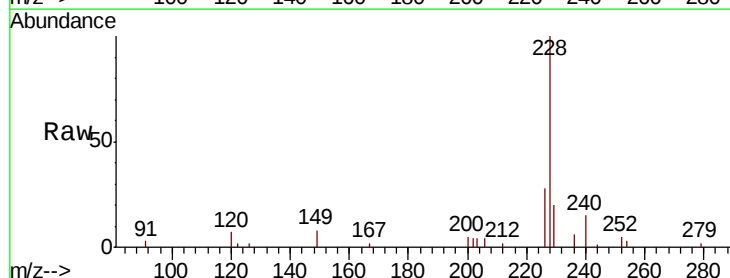
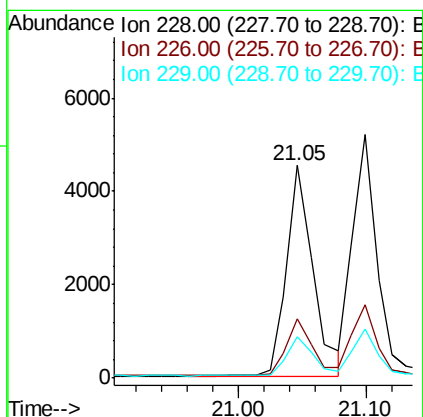
Tgt Ion:228 Resp: 6406

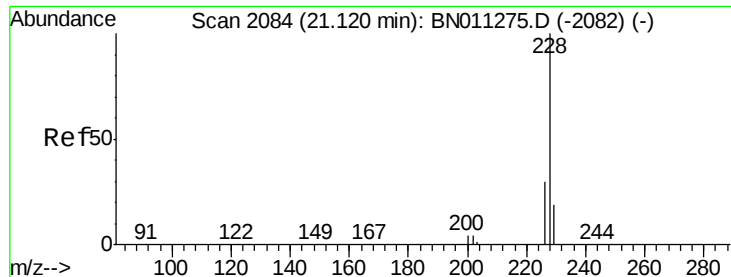
Ion Ratio Lower Upper

228 100

226 28.0 21.6 32.4

229 19.8 16.0 24.0





#33

Chrysene

Concen: 0.297 ng

RT: 21.10 min Scan# 2082

Delta R.T. -0.01 min

Lab File: BN011393.D

Acq: 07 Aug 2020 11:28

Instrument :

BNA_N

ClientSampleId :

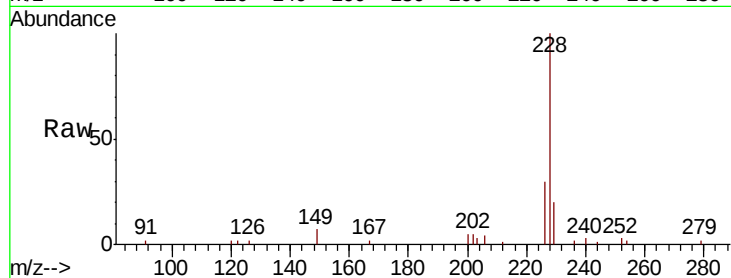
Tot Ion:228 Resp: 6748

Ion Ratio Lower Upper

228 100

226 30.0 24.3 36.5

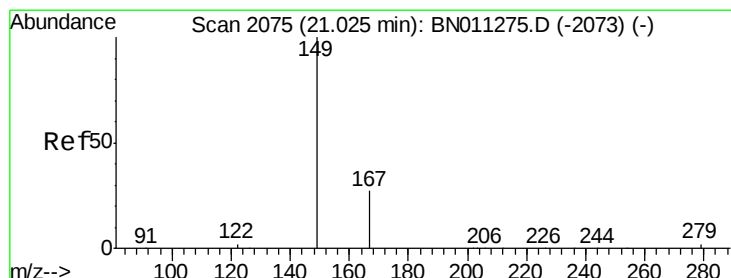
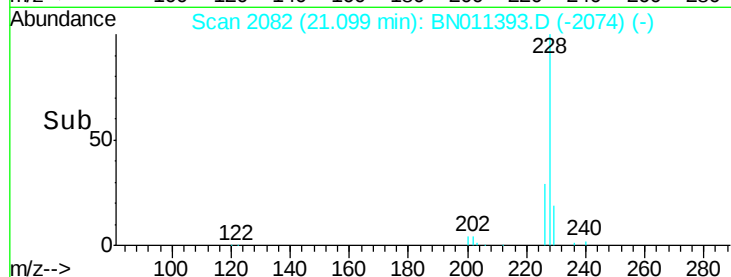
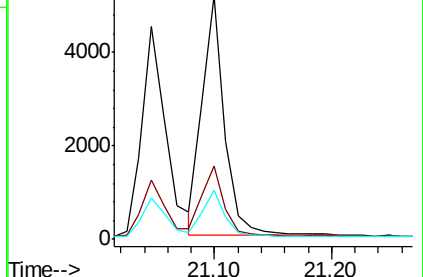
229 19.9 15.9 23.9



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



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.199 ng

RT: 21.00 min Scan# 2073

Delta R.T. -0.01 min

Lab File: BN011393.D

Acq: 07 Aug 2020 11:28

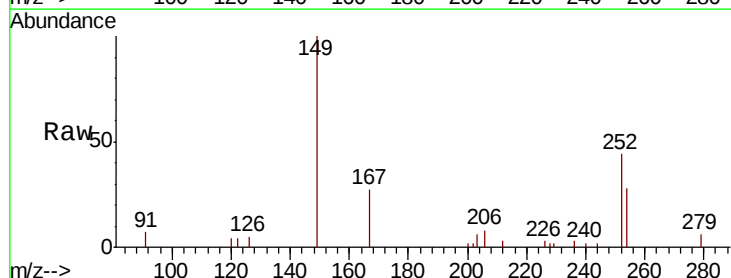
Tgt Ion:149 Resp: 2166

Ion Ratio Lower Upper

149 100

167 28.3 21.7 32.5

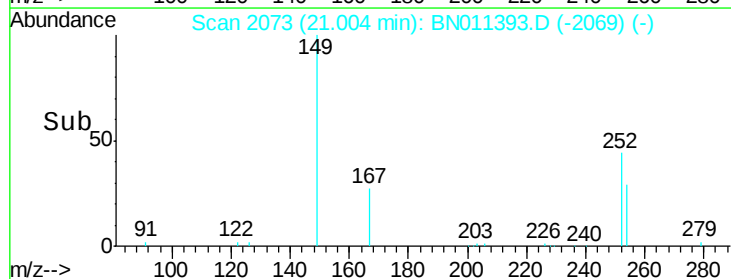
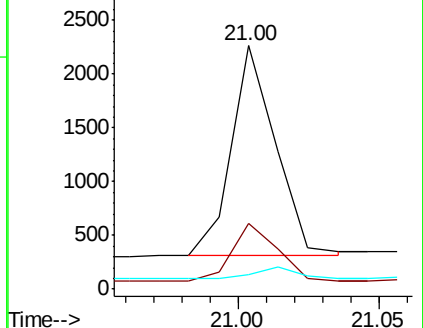
279 4.8 3.9 5.9

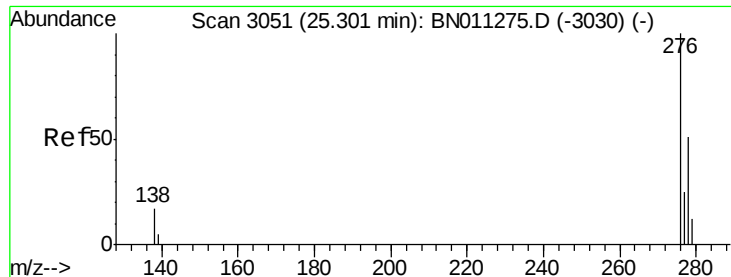


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.460 ng

RT: 25.25 min Scan# 3035

Delta R.T. -0.02 min

Lab File: BN011393.D

Acq: 07 Aug 2020 11:28

Instrument :

BNA_N

ClientSampleId :

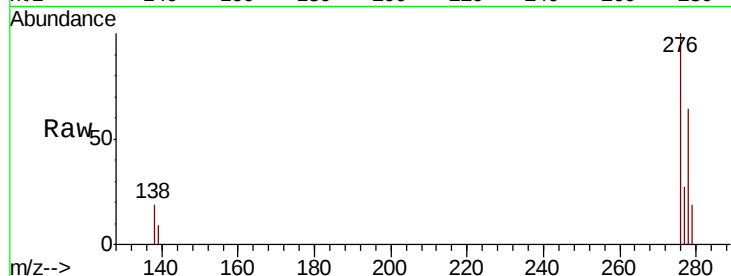
Tot Ion:276 Resp: 10232

Ion Ratio Lower Upper

276 100

138 17.8 13.6 20.4

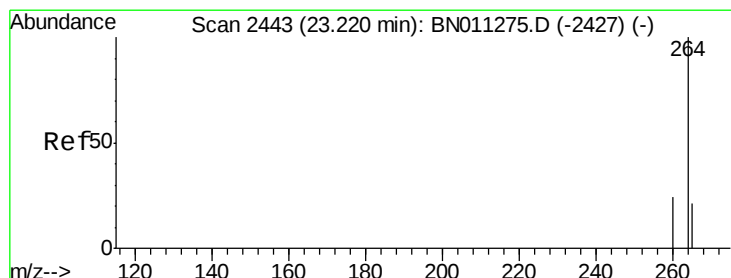
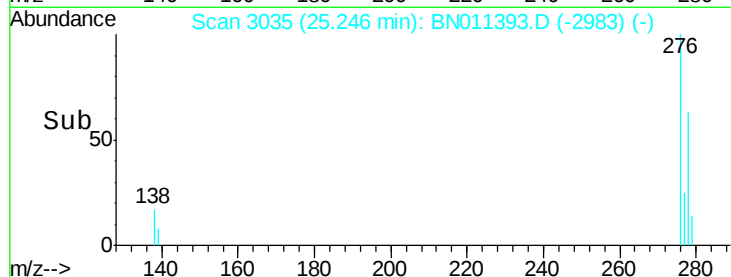
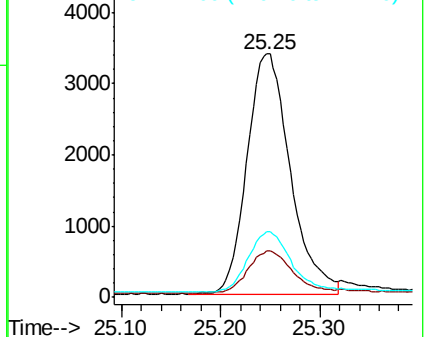
277 25.2 19.7 29.5



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: 23.18 min Scan# 2432

Delta R.T. -0.01 min

Lab File: BN011393.D

Acq: 07 Aug 2020 11:28

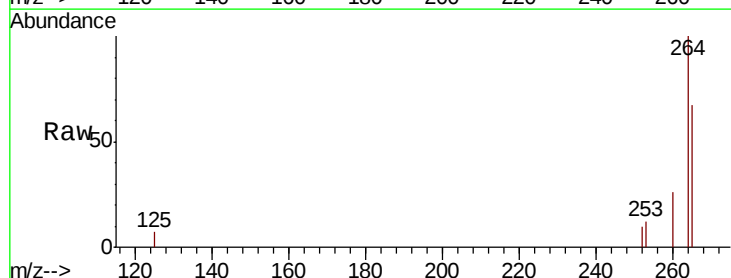
Tgt Ion:264 Resp: 7609

Ion Ratio Lower Upper

264 100

260 25.6 20.1 30.1

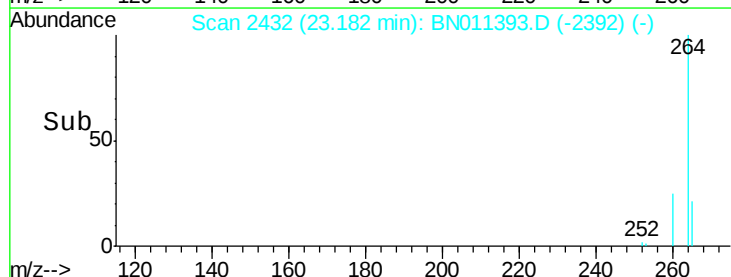
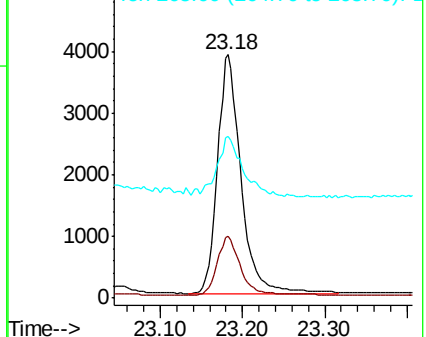
265 66.7 70.7 106.1#

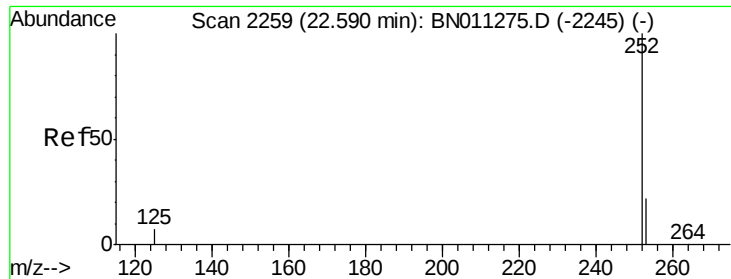


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

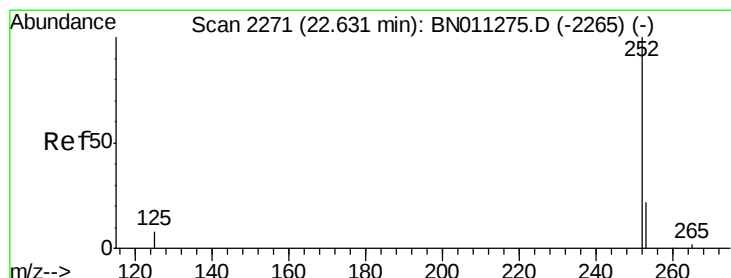
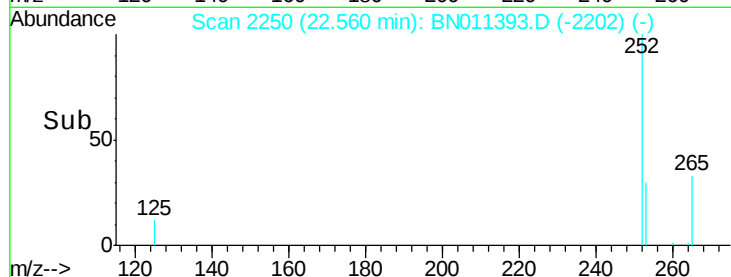
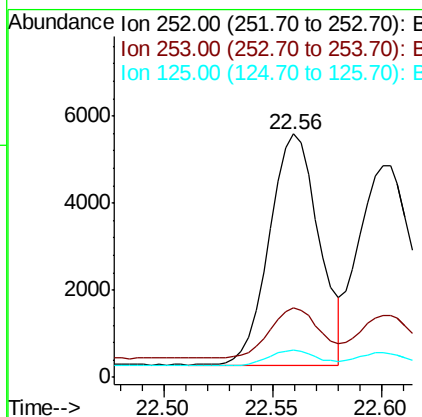
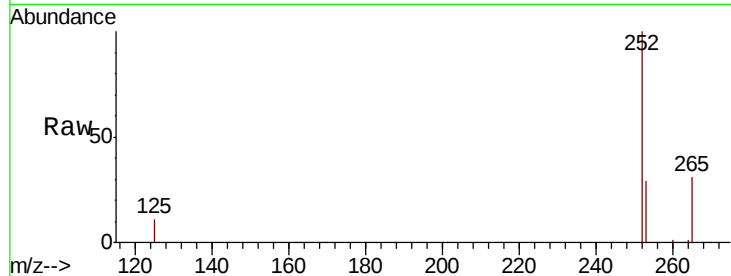




#37
Benzo(b)fluoranthene
Concen: 0.276 ng
RT: 22.56 min Scan# 2250
Delta R.T. -0.01 min
Lab File: BN011393.D
Acq: 07 Aug 2020 11:28

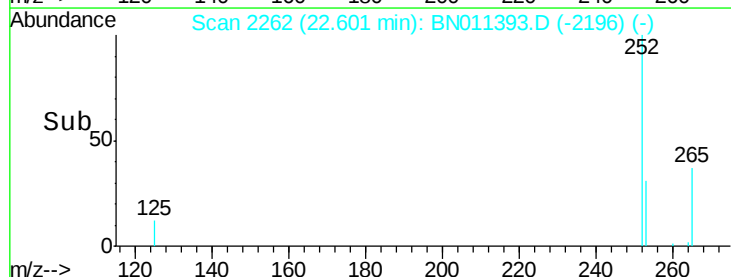
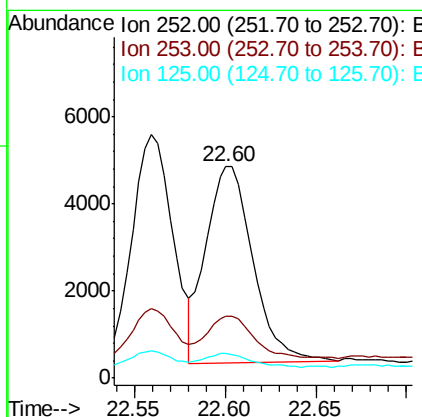
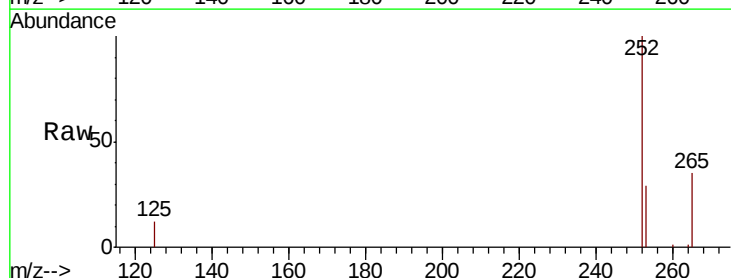
Instrument :
BNA_N
ClientSampleId :

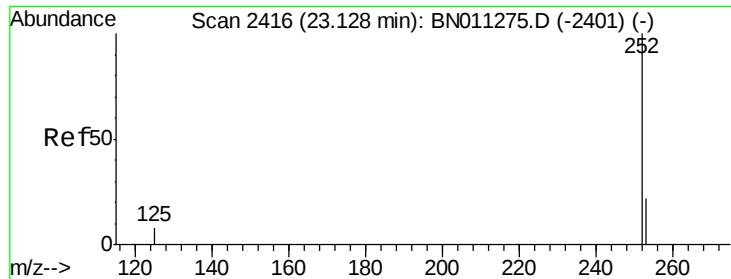
Tot Ion:252 Resp: 8371
Ion Ratio Lower Upper
252 100
253 28.6 23.1 34.7
125 11.0 9.4 14.2



#38
Benzo(k)fluoranthene
Concen: 0.243 ng
RT: 22.60 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BN011393.D
Acq: 07 Aug 2020 11:28

Tgt Ion:252 Resp: 8110
Ion Ratio Lower Upper
252 100
253 29.1 22.9 34.3
125 11.6 11.3 16.9





#39

Benzo(a)pyrene

Concen: 0.269 ng

RT: 23.09 min Scan# 2406

Delta R.T. -0.01 min

Lab File: BN011393.D

Acq: 07 Aug 2020 11:28

Instrument :

BNA_N

ClientSampleId :

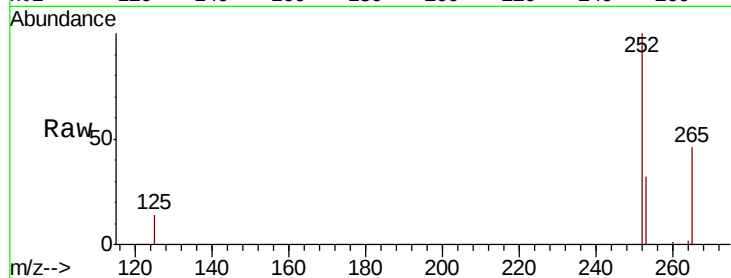
Tot Ion:252 Resp: 7081

Ion Ratio Lower Upper

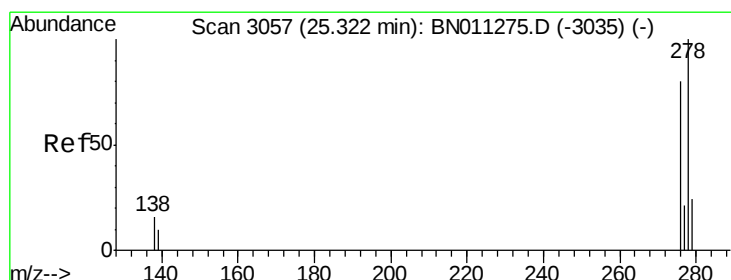
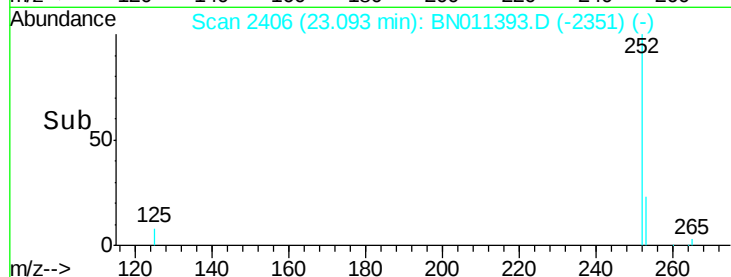
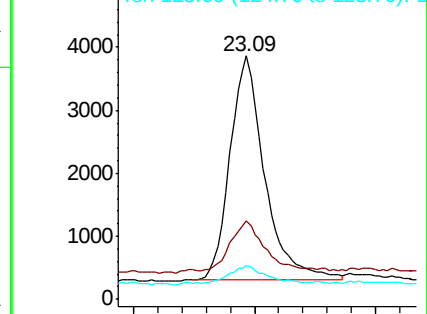
252 100

253 32.2 26.6 39.8

125 13.7 12.7 19.1



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: 0.327 ng

RT: 25.26 min Scan# 3039

Delta R.T. -0.02 min

Lab File: BN011393.D

Acq: 07 Aug 2020 11:28

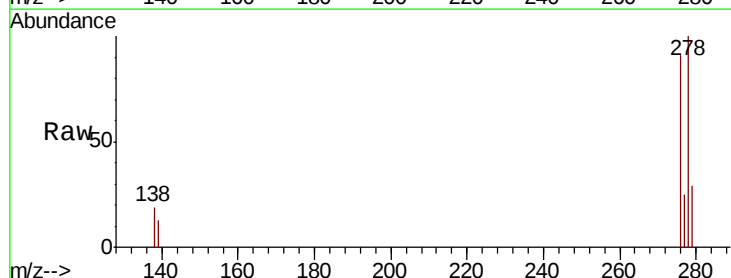
Tgt Ion:278 Resp: 8909

Ion Ratio Lower Upper

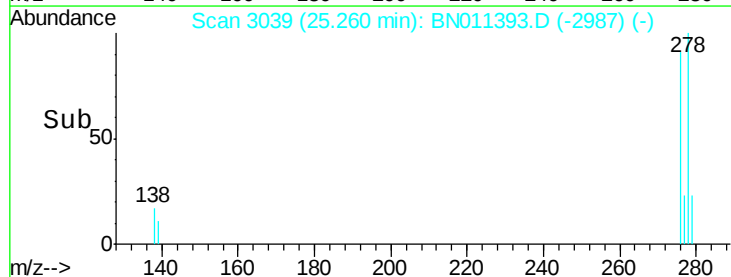
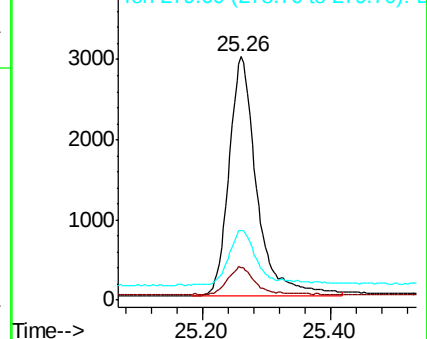
278 100

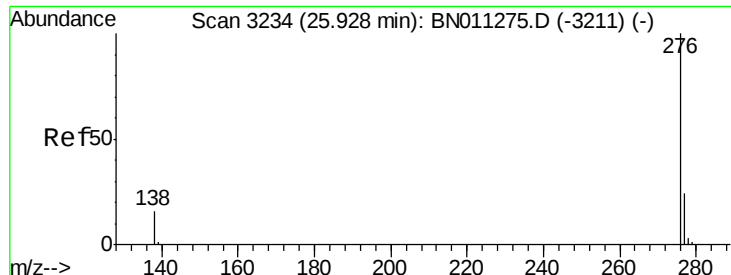
139 13.2 12.4 18.6

279 28.8 25.8 38.6



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: 0.326 ng

RT: 25.87 min Scan# 3217

Delta R.T. -0.02 min

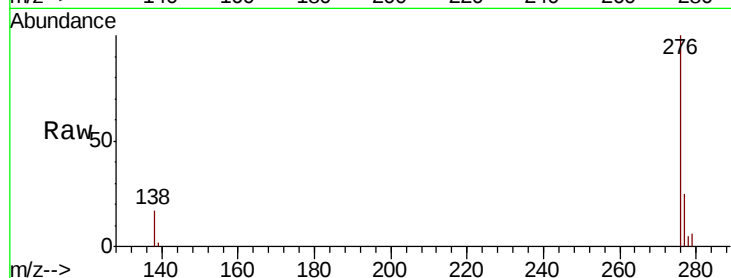
Lab File: BN011393.D

Acq: 07 Aug 2020 11:28

Instrument :

BNA_N

ClientSampleId :



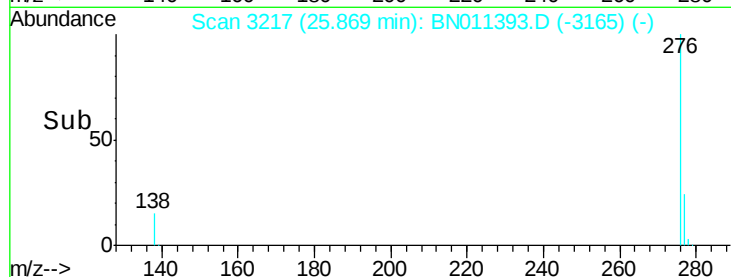
Tot Ion: 276 Resp: 9856

Ion Ratio Lower Upper

276 100

277 25.4 21.0 31.6

138 17.0 15.0 22.6



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

