

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN090920\
 Data File : BN011766.D
 Acq On : 09 Sep 2020 14:08
 Operator : CG/JU
 Sample : PB131431BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB131431BS

Quant Time: Sep 09 14:43:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 09 10:54:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	2234	0.40	ng	0.00
7) Naphthalene-d8	10.52	136	8393	0.40	ng	0.00
13) Acenaphthene-d10	14.37	164	4915	0.40	ng	0.00
19) Phenanthrene-d10	17.11	188	10581	0.40	ng	0.00
29) Chrysene-d12	21.31	240	10911	0.40	ng	0.00
36) Perylene-d12	23.56	264	10357	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.33	112	2178	0.34	ng	0.00
5) Phenol-d6	6.89	99	2912	0.34	ng	0.00
8) Nitrobenzene-d5	8.87	82	3085	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.11	152	5407	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	828	0.35	ng	-0.01
15) 2-Fluorobiphenyl	12.99	172	7817	0.38	ng	0.00
27) Fluoranthene-d10	19.15	212	11569	0.34	ng	0.00
31) Terphenyl-d14	19.75	244	9868	0.36	ng	0.00

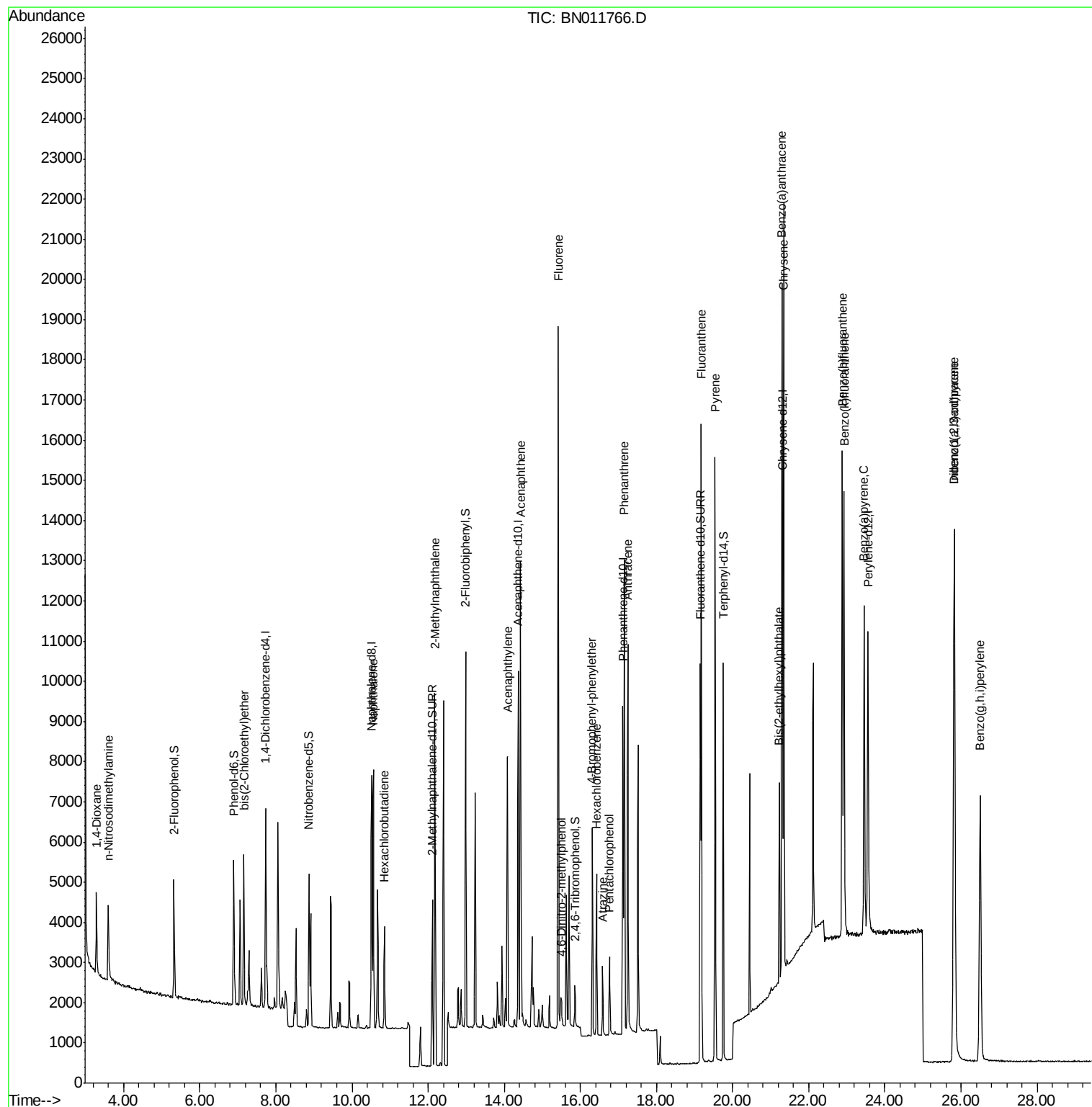
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	1302	0.363	ng	95
3) n-Nitrosodimethylamine	3.59	42	1612	0.388	ng	# 91
6) bis(2-Chloroethyl)ether	7.16	93	2566	0.368	ng	100
9) Naphthalene	10.57	128	8745	0.364	ng	99
10) Hexachlorobutadiene	10.86	225	2010	0.381	ng	# 99
12) 2-Methylnaphthalene	12.18	142	6146	0.360	ng	98
16) Acenaphthylene	14.09	152	8789	0.367	ng	99
17) Acenaphthene	14.43	154	6168	0.373	ng	98
18) Fluorene	15.42	166	7648	0.361	ng	98
20) 4,6-Dinitro-2-methylphenol	15.50	198	640	0.392	ng	99
21) 4-Bromophenyl-phenylether	16.31	248	2258	0.364	ng	# 80
22) Hexachlorobenzene	16.42	284	2917	0.381	ng	98
23) Atrazine	16.58	200	1317	0.242	ng	98
24) Pentachlorophenol	16.76	266	972	0.320	ng	100
25) Phenanthrene	17.15	178	12460	0.365	ng	100
26) Anthracene	17.25	178	10717	0.353	ng	99
28) Fluoranthene	19.18	202	13987	0.345	ng	100
30) Pvrene	19.54	202	13869	0.366	ng	100
32) Benzo(a)anthracene	21.29	228	13172	0.338	ng	99
33) Chrysene	21.34	228	14334	0.357	ng	98
34) Bis(2-ethylhexyl)phthalate	21.23	149	5030	0.317	ng	100
35) Indeno(1,2,3-cd)pyrene	25.81	276	17051	0.325	ng	98
37) Benzo(b)fluoranthene	22.88	252	14853	0.374	ng	98
38) Benzo(k)fluoranthene	22.93	252	14862	0.366	ng	98
39) Benzo(a)pyrene	23.46	252	12470	0.351	ng	96
40) Dibenzo(a,h)anthracene	25.83	278	14134	0.353	ng	97
41) Benzo(g,h,i)perylene	26.50	276	14563	0.371	ng	99

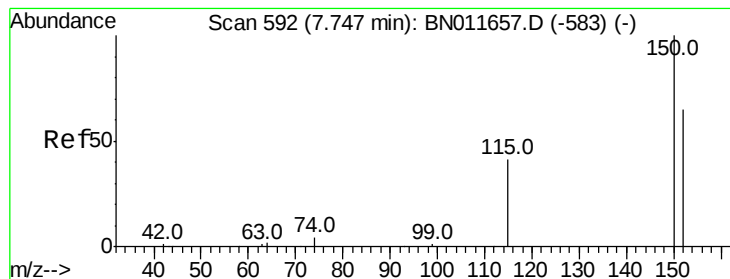
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.73 min Scan# 590

Delta R.T. 0.00 min

Lab File: BN011766.D

Acq: 09 Sep 2020 14:08

Instrument :

BNA_N

ClientSampleId :

PB131431BS

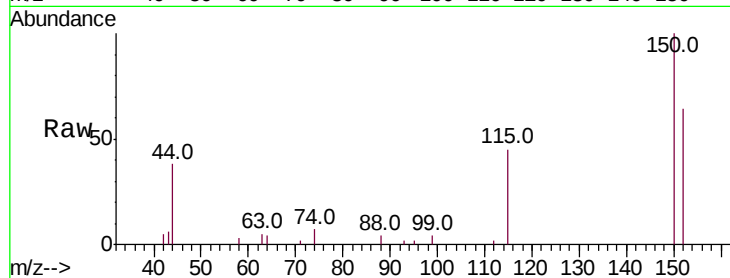
Tot Ion:152 Resp: 2234

Ion Ratio Lower Upper

152 100

150 155.4 121.0 181.6

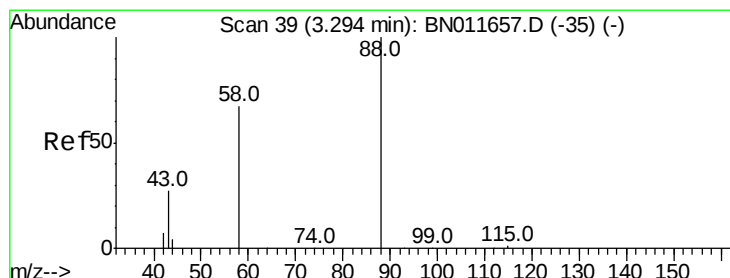
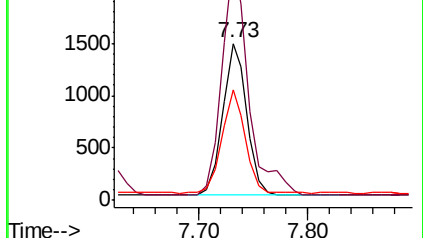
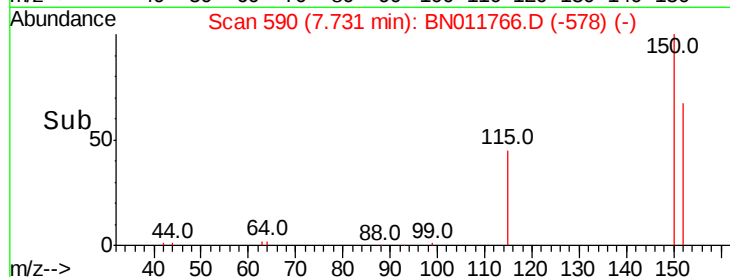
115 70.2 52.6 78.8



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: 0.363 ng

RT: 3.29 min Scan# 38

Delta R.T. -0.01 min

Lab File: BN011766.D

Acq: 09 Sep 2020 14:08

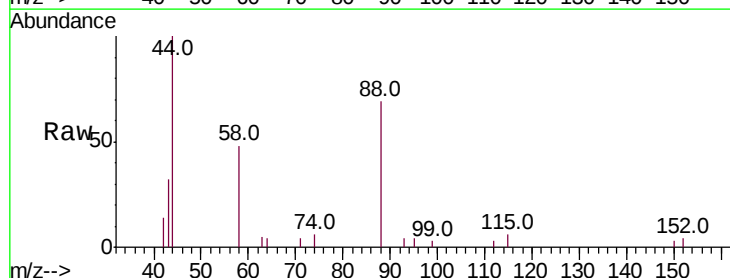
Tgt Ion: 88 Resp: 1302

Ion Ratio Lower Upper

88 100

58 71.9 61.4 92.0

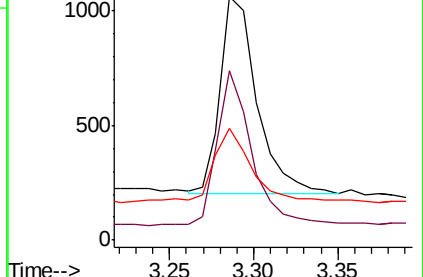
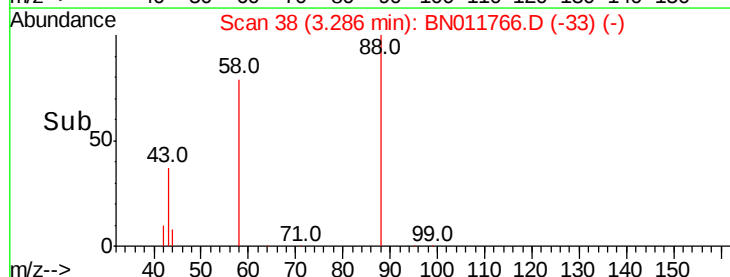
43 34.5 29.8 44.8

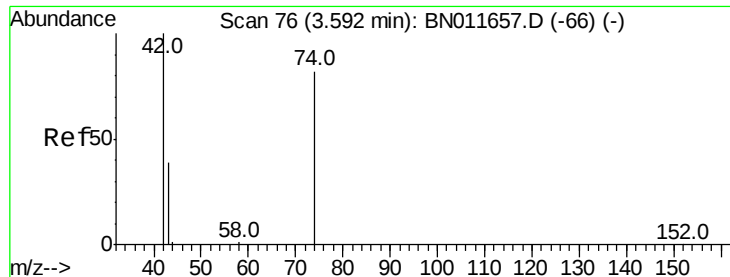


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.388 ng

RT: 3.59 min Scan# 76

Delta R.T. 0.00 min

Lab File: BN011766.D

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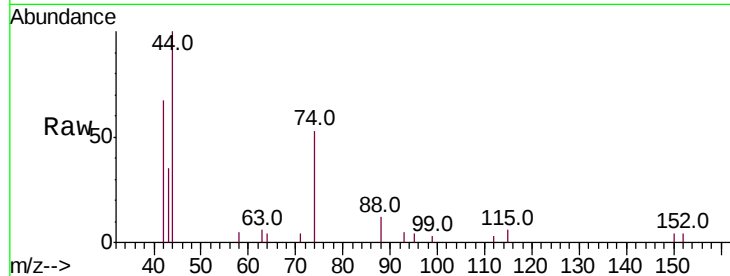
Tot Ion: 42 Resp: 1612

Ion Ratio Lower Upper

42 100

74 92.2 79.0 118.6

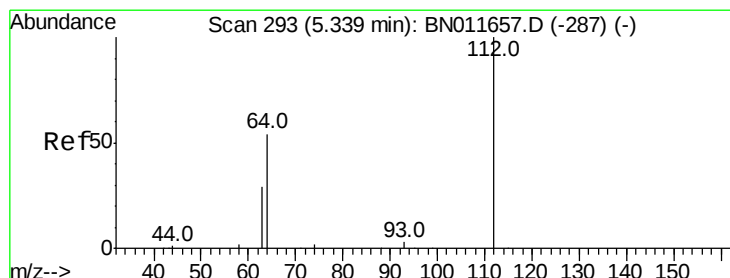
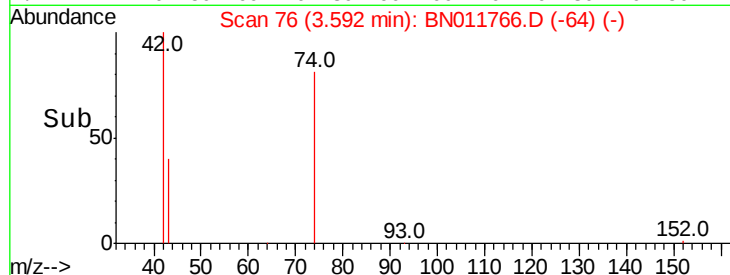
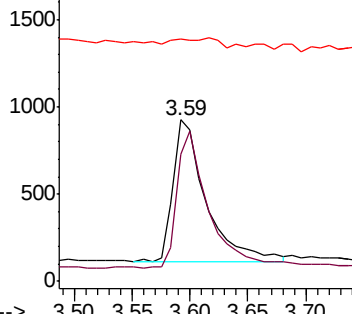
44 0.0 8.1 12.1#



Abundance Ion 42.00 (41.70 to 42.70): BN011657.D (-66) (-)

Ion 74.00 (73.70 to 74.70): BN011657.D (-66) (-)

Ion 44.00 (43.70 to 44.70): BN011657.D (-66) (-)



#4

2-Fluorophenol

Concen: 0.345 ng

RT: 5.33 min Scan# 292

Delta R.T. 0.00 min

Lab File: BN011766.D

Acq: 09 Sep 2020 14:08

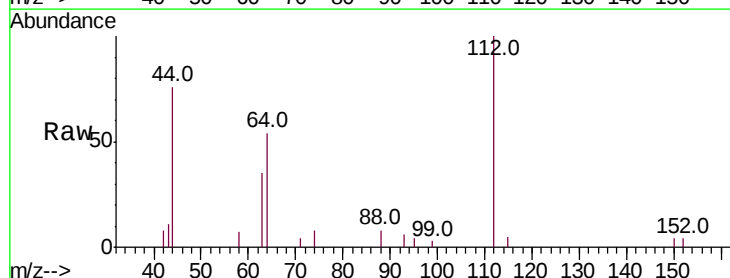
Tgt Ion: 112 Resp: 2178

Ion Ratio Lower Upper

112 100

64 62.2 49.7 74.5

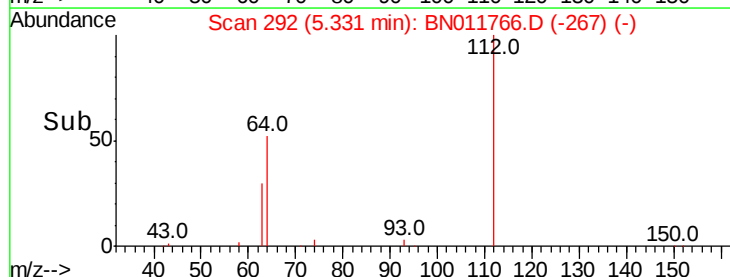
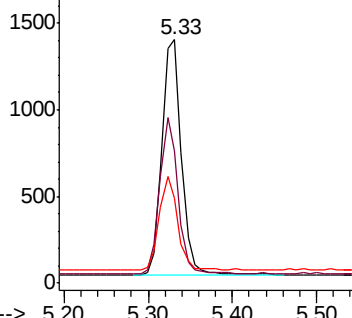
63 37.3 29.4 44.0

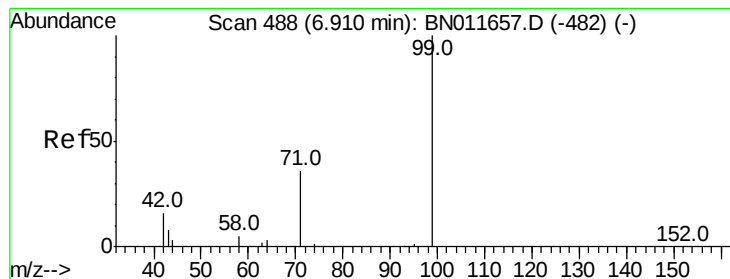


Abundance Ion 112.00 (111.70 to 112.70): BN011766.D (-267) (-)

Ion 64.00 (63.70 to 64.70): BN011766.D (-267) (-)

Ion 63.00 (62.70 to 63.70): BN011766.D (-267) (-)





#5

Phenol-d6

Concen: 0.340 ng

RT: 6.89 min Scan# 486

Delta R.T. 0.00 min

Lab File: BN011766.D

Acq: 09 Sep 2020 14:08

Instrument :

BNA_N

ClientSampleId :

PB131431BS

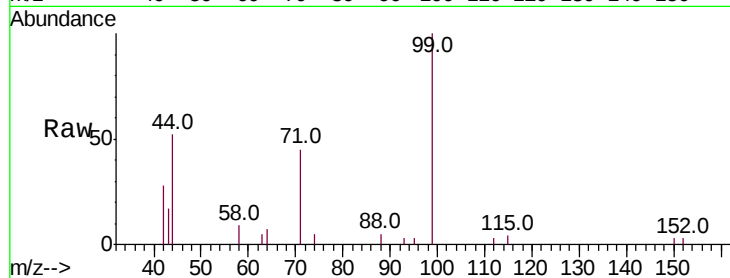
Tot Ion: 99 Resp: 2912

Ion Ratio Lower Upper

99 100

42 27.3 20.2 30.2

71 43.3 33.3 49.9



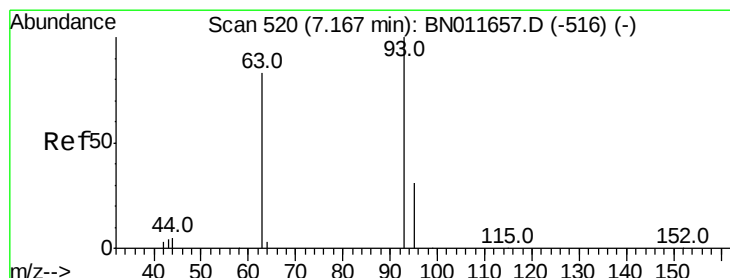
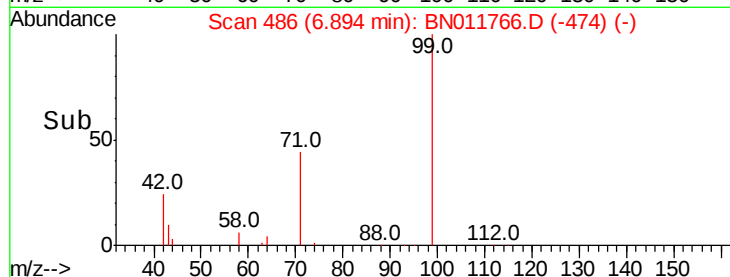
Abundance Ion 99.00 (98.70 to 99.70): BN011766.D (-482) (-)

Ion 42.00 (41.70 to 42.70): BN011766.D (-482) (-)

Ion 71.00 (70.70 to 71.70): BN011766.D (-482) (-)

6.89

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.368 ng

RT: 7.16 min Scan# 519

Delta R.T. 0.00 min

Lab File: BN011766.D

Acq: 09 Sep 2020 14:08

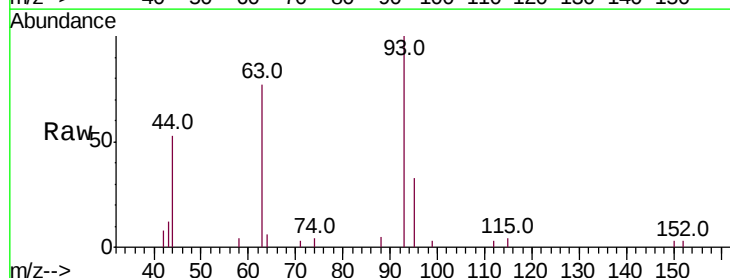
Tgt Ion: 93 Resp: 2566

Ion Ratio Lower Upper

93 100

63 77.8 62.2 93.4

95 32.7 26.6 39.8



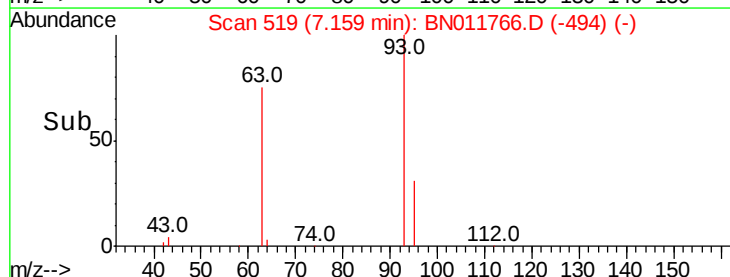
Abundance Ion 93.00 (92.70 to 93.70): BN011766.D (-494) (-)

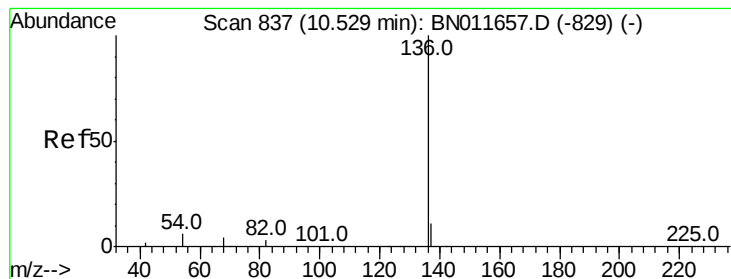
Ion 63.00 (62.70 to 63.70): BN011766.D (-494) (-)

Ion 95.00 (94.70 to 95.70): BN011766.D (-494) (-)

7.16

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.52 min Scan# 836

Delta R.T. 0.00 min

Lab File: BN011766.D

Acq: 09 Sep 2020 14:08

Instrument :

BNA_N

ClientSampleId :

PB131431BS

Tot Ion:136 Resp: 8393

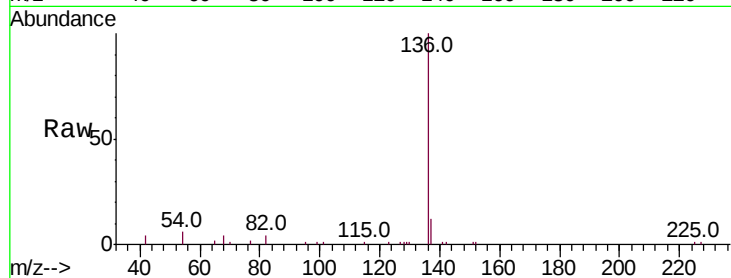
Ion Ratio Lower Upper

136 100

137 11.9 9.3 13.9

54 6.2 5.8 8.8

68 4.2 4.1 6.1

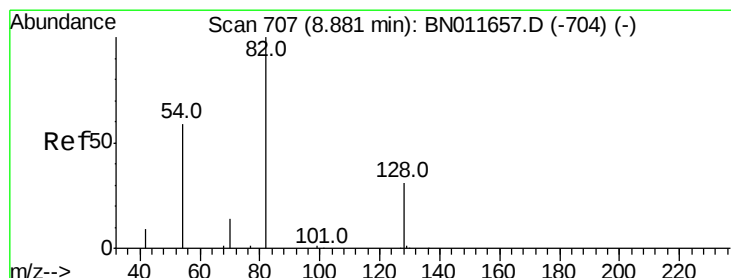
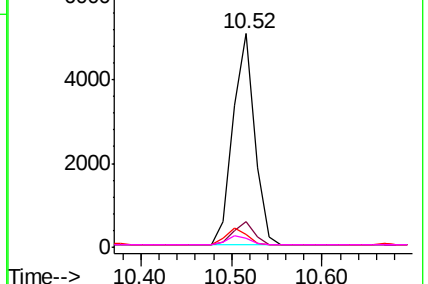
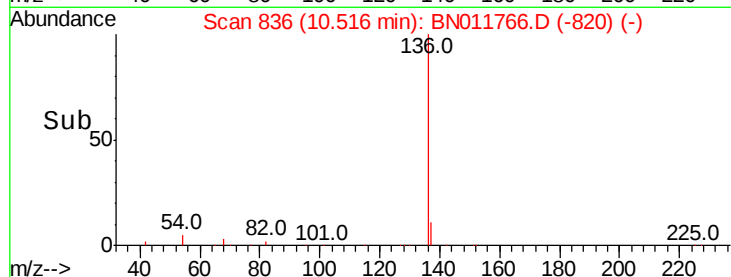


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.380 ng

RT: 8.87 min Scan# 706

Delta R.T. 0.00 min

Lab File: BN011766.D

Acq: 09 Sep 2020 14:08

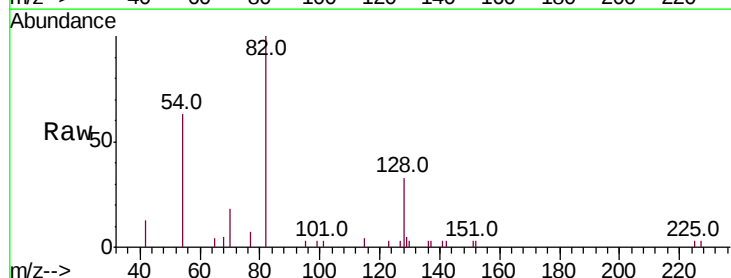
Tgt Ion: 82 Resp: 3085

Ion Ratio Lower Upper

82 100

128 33.3 26.2 39.2

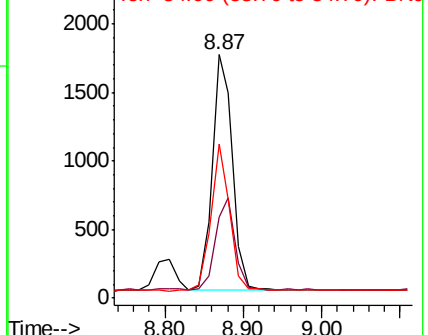
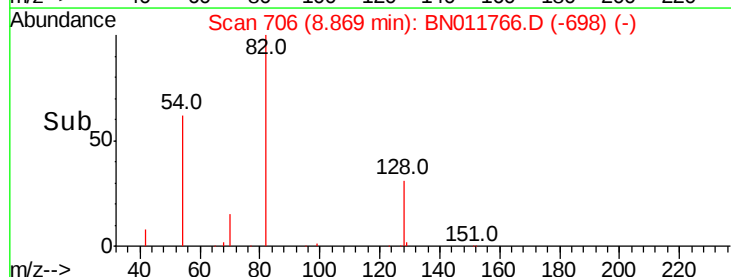
54 63.3 48.2 72.4

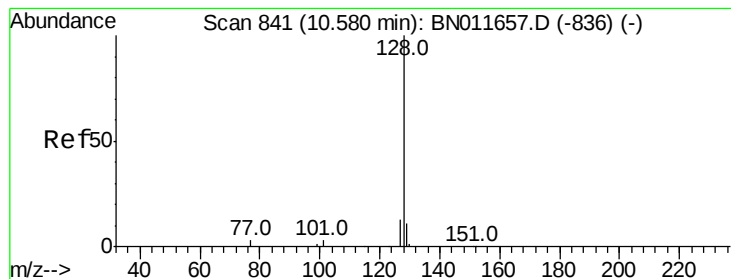


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.364 ng

RT: 10.57 min Scan# 840

Delta R.T. 0.00 min

Lab File: BN011766.D

Acq: 09 Sep 2020 14:08

Instrument :

BNA_N

ClientSampleId :

PB131431BS

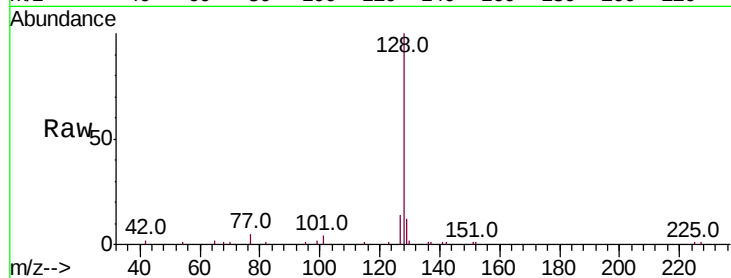
Tot Ion:128 Resp: 8745

Ion Ratio Lower Upper

128 100

129 12.4 9.4 14.2

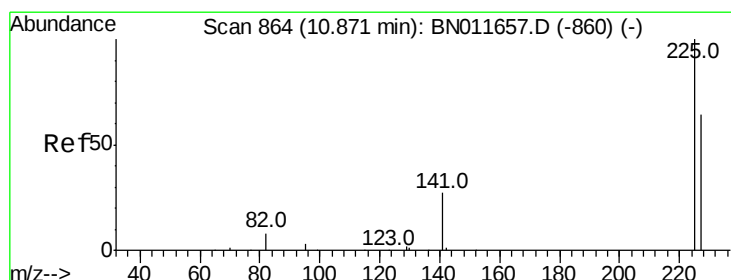
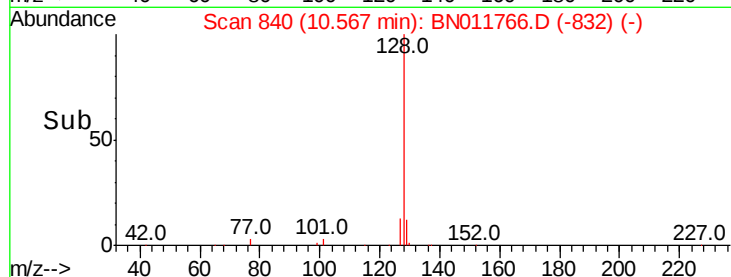
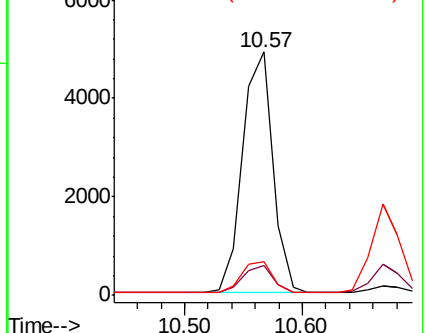
127 13.6 10.8 16.2



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: 0.381 ng

RT: 10.86 min Scan# 863

Delta R.T. 0.00 min

Lab File: BN011766.D

Acq: 09 Sep 2020 14:08

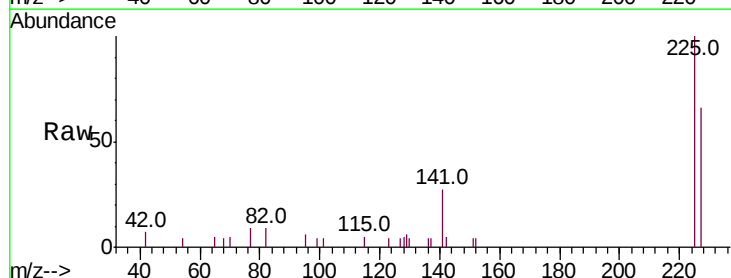
Tgt Ion:225 Resp: 2010

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

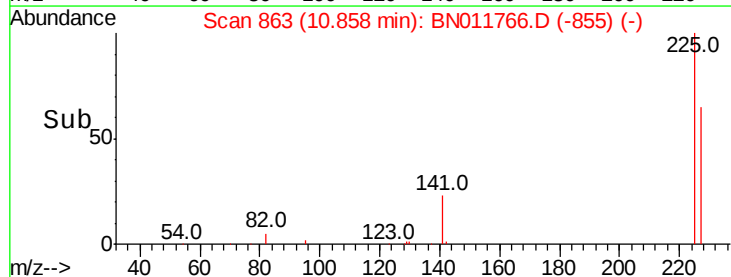
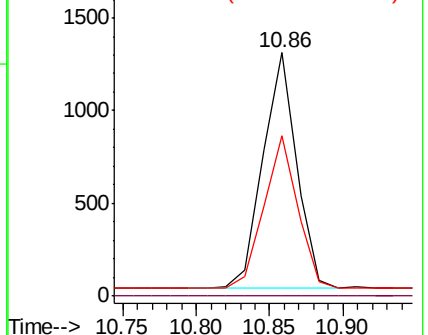
227 65.3 52.6 78.8

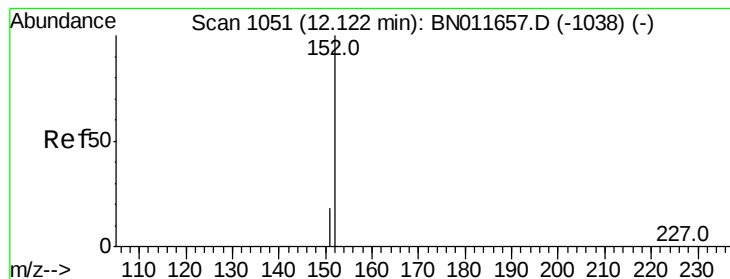


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.357 ng

RT: 12.11 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BN011766.D

Acq: 09 Sep 2020 14:08

Instrument :

BNA_N

ClientSampleId :

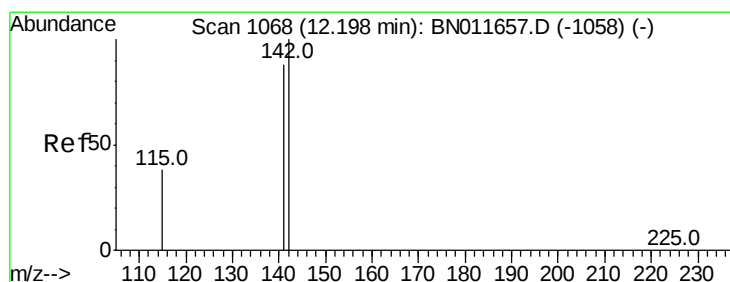
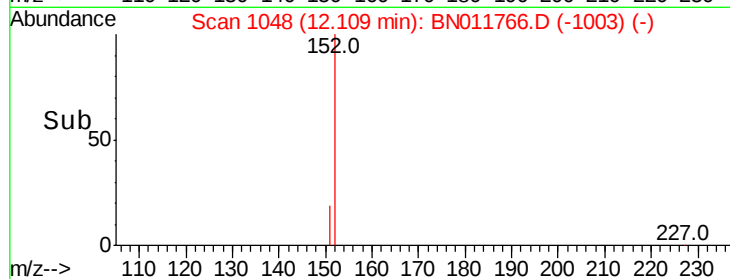
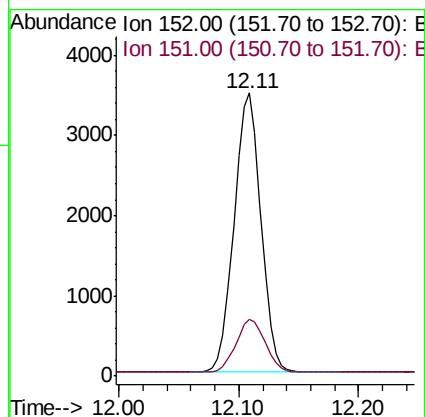
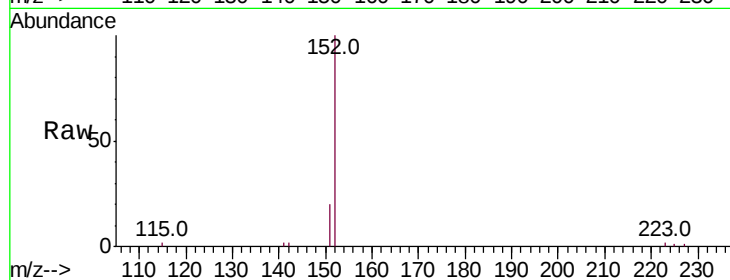
PB131431BS

Tot Ion:152 Resp: 5407

Ion Ratio Lower Upper

152 100

151 21.0 16.7 25.1



#12

2-Methylnaphthalene

Concen: 0.360 ng

RT: 12.18 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BN011766.D

Acq: 09 Sep 2020 14:08

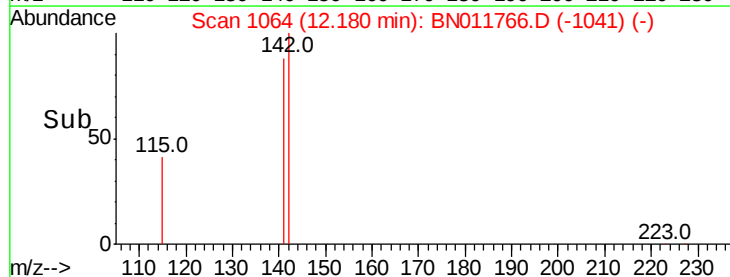
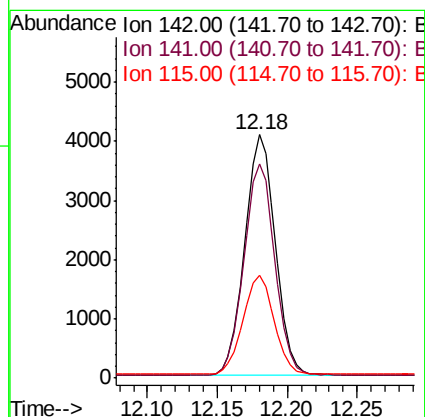
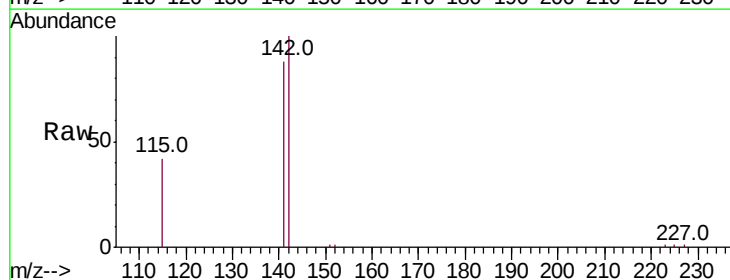
Tgt Ion:142 Resp: 6146

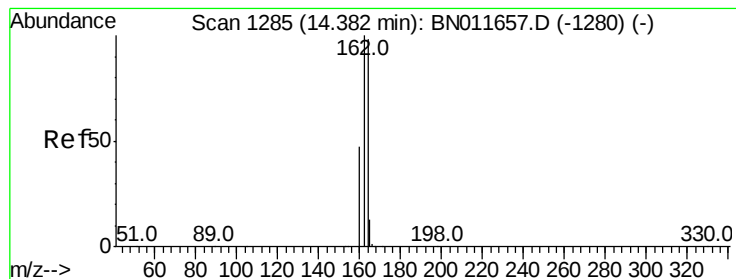
Ion Ratio Lower Upper

142 100

141 87.9 70.6 106.0

115 42.0 31.3 46.9





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.37 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BN011766.D

Acq: 09 Sep 2020 14:08

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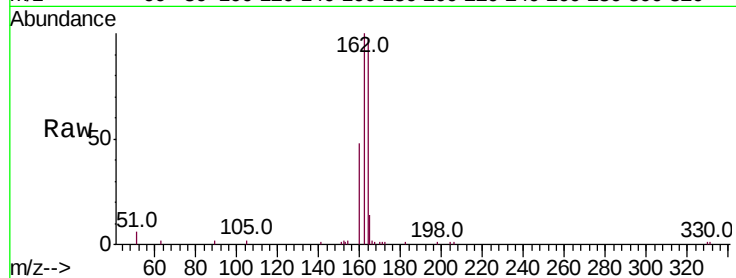
Tot Ion:164 Resp: 4915

Ion Ratio Lower Upper

164 100

162 102.6 81.4 122.0

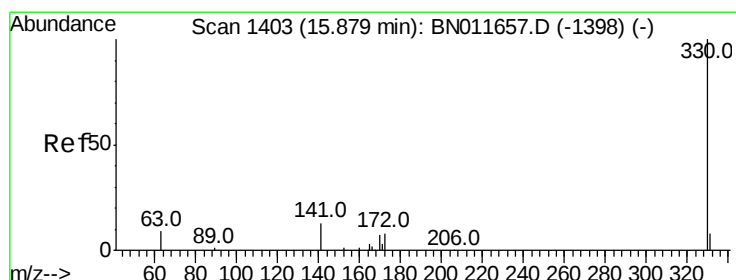
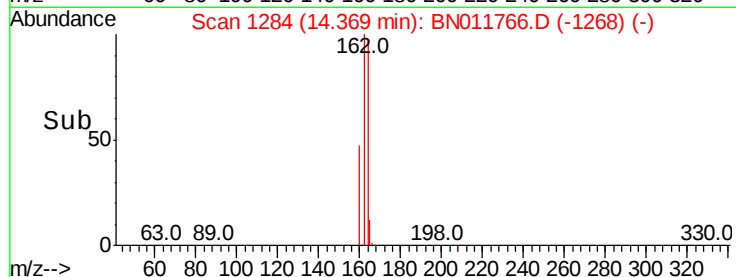
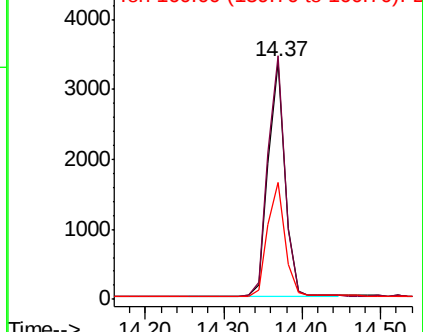
160 49.2 38.5 57.7



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.347 ng

RT: 15.85 min Scan# 1401

Delta R.T. -0.01 min

Lab File: BN011766.D

Acq: 09 Sep 2020 14:08

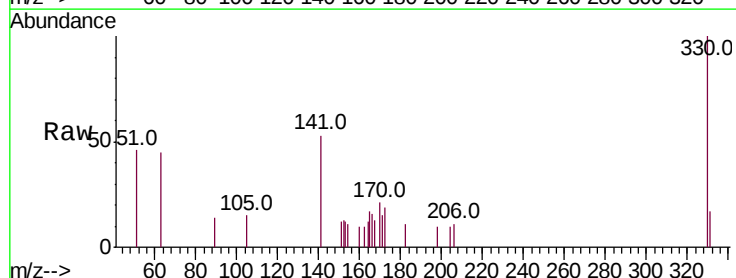
Tgt Ion:330 Resp: 828

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

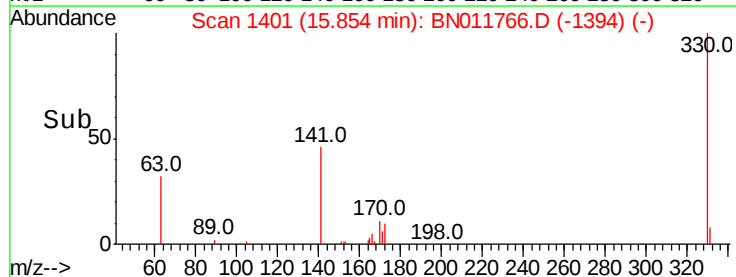
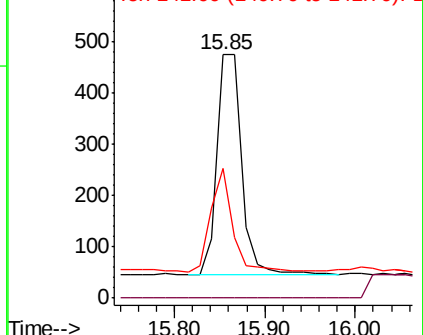
141 39.4 29.8 44.8

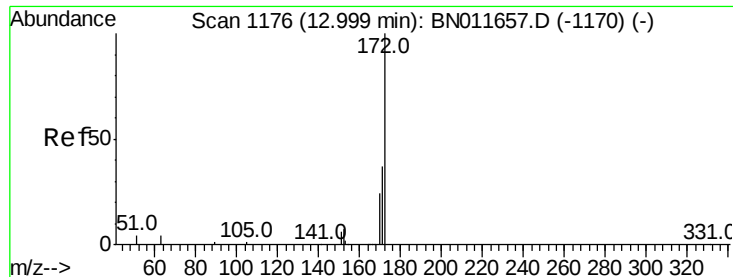


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

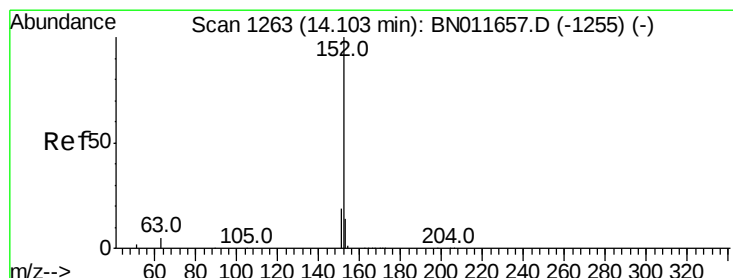
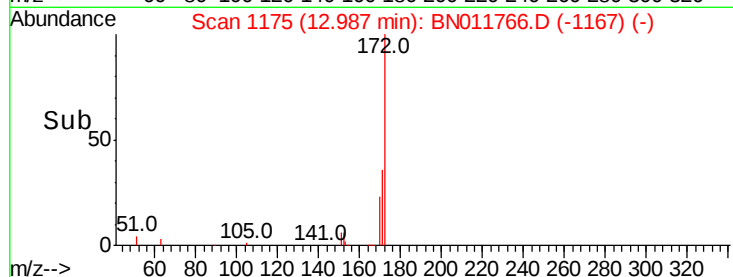
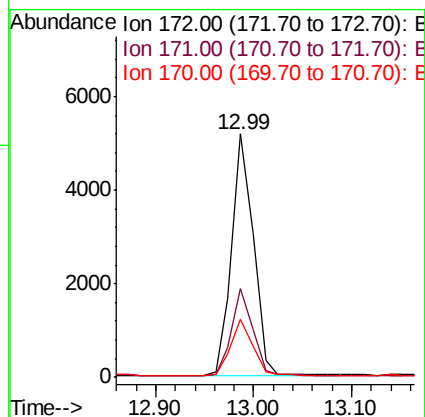
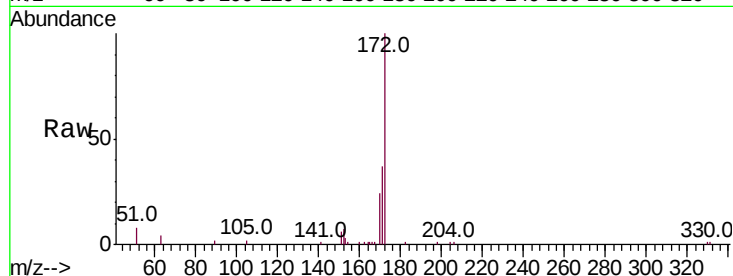




#15
2-Fluorobiphenyl
Concen: 0.376 ng
RT: 12.99 min Scan# 1175
Delta R.T. 0.00 min
Lab File: BN011766.D
Acq: 09 Sep 2020 14:08

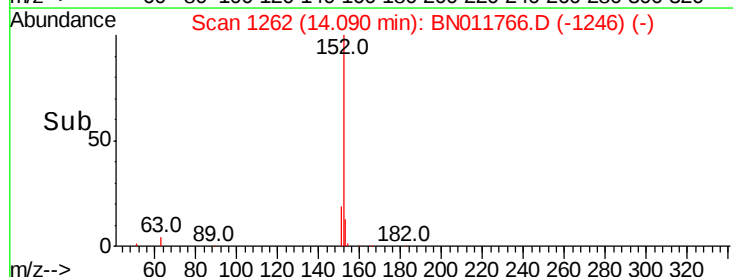
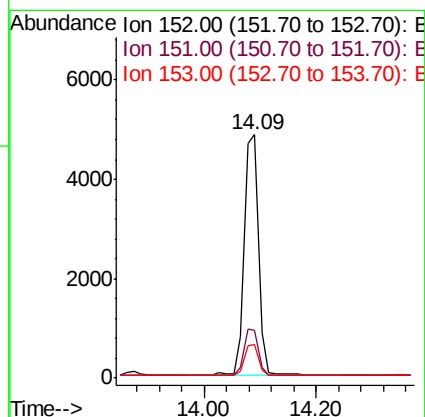
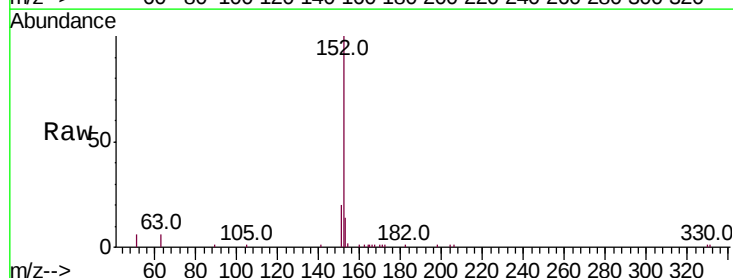
Instrument :
BNA_N
ClientSampleId :
PB131431BS

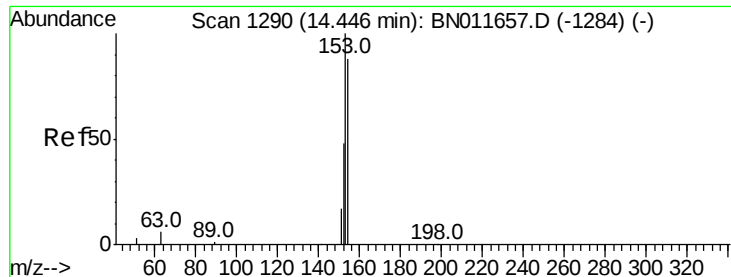
Tot Ion:172 Resp: 7817
Ion Ratio Lower Upper
172 100
171 36.6 30.0 45.0
170 23.9 20.1 30.1



#16
Acenaphthylene
Concen: 0.367 ng
RT: 14.09 min Scan# 1262
Delta R.T. 0.00 min
Lab File: BN011766.D
Acq: 09 Sep 2020 14:08

Tgt Ion:152 Resp: 8789
Ion Ratio Lower Upper
152 100
151 19.3 15.6 23.4
153 12.8 10.5 15.7





#17

Acenaphthene

Concen: 0.373 ng

RT: 14.43 min Scan# 1289

Delta R.T. 0.00 min

Lab File: BN011766.D

Acq: 09 Sep 2020 14:08

Instrument :

BNA_N

ClientSampleId :

PB131431BS

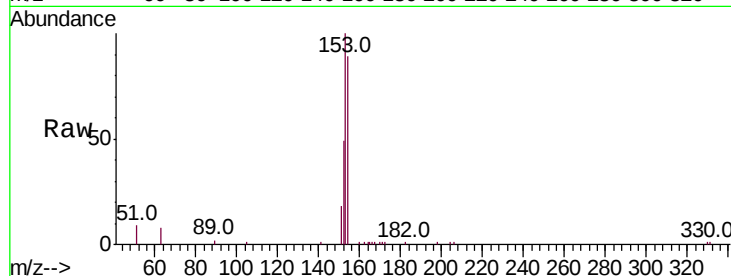
Tot Ion:154 Resp: 6168

Ion Ratio Lower Upper

154 100

153 109.1 89.2 133.8

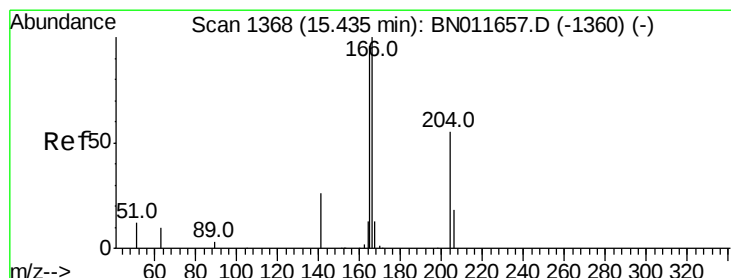
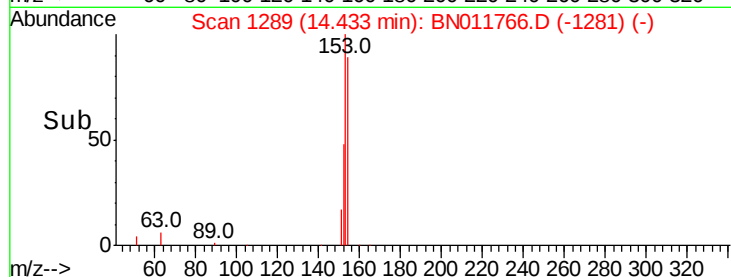
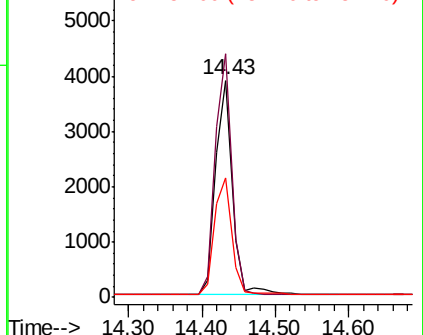
152 55.2 44.1 66.1



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: 15.42 min Scan# 1367

Delta R.T. 0.00 min

Lab File: BN011766.D

Acq: 09 Sep 2020 14:08

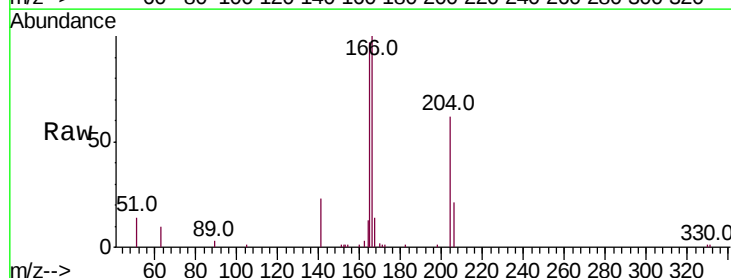
Tgt Ion:166 Resp: 7648

Ion Ratio Lower Upper

166 100

165 99.2 77.7 116.5

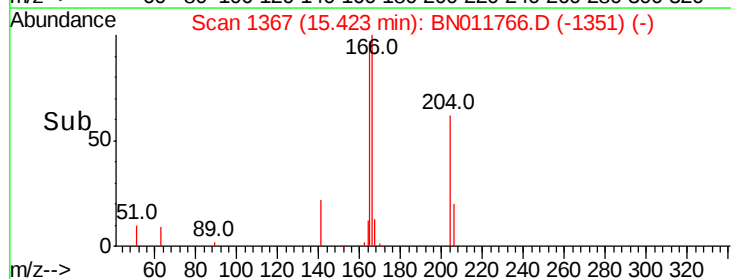
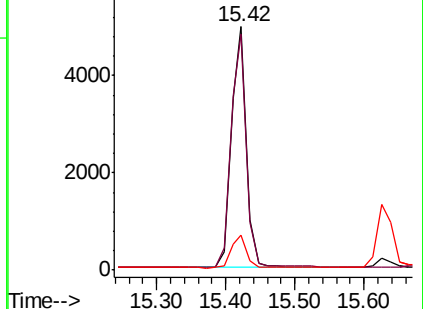
167 13.9 11.0 16.4

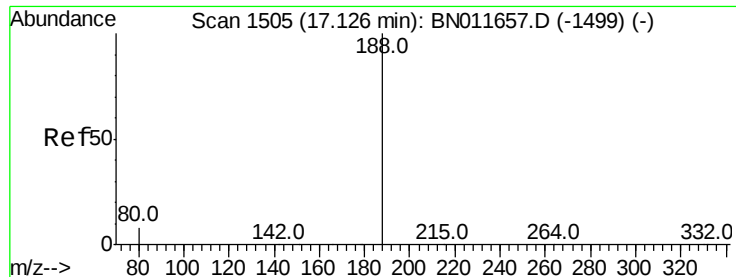


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.11 min Scan# 1504

Delta R.T. 0.00 min

Lab File: BN011766.D

Acq: 09 Sep 2020 14:08

Instrument :

BNA_N

ClientSampleId :

PB131431BS

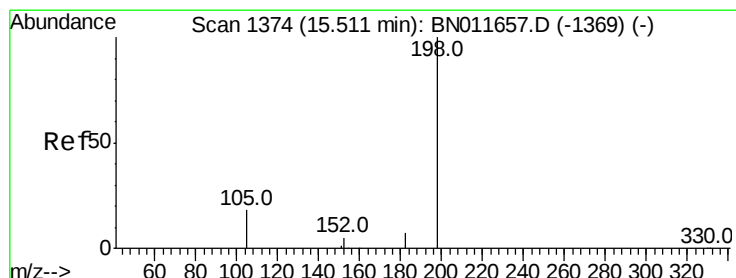
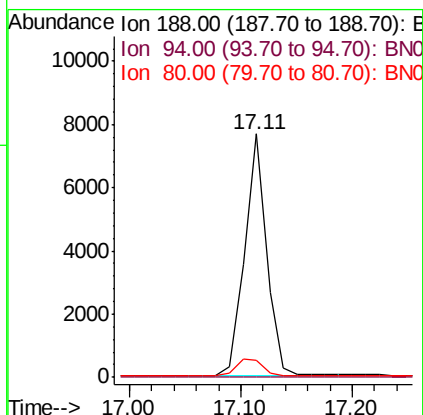
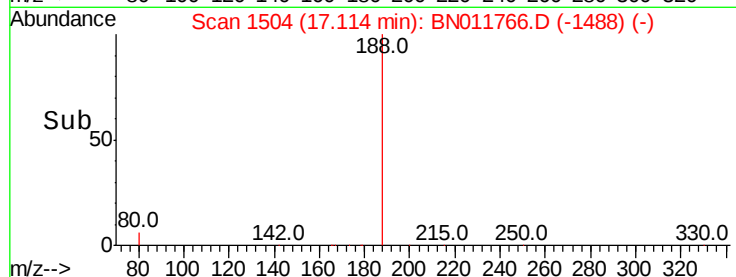
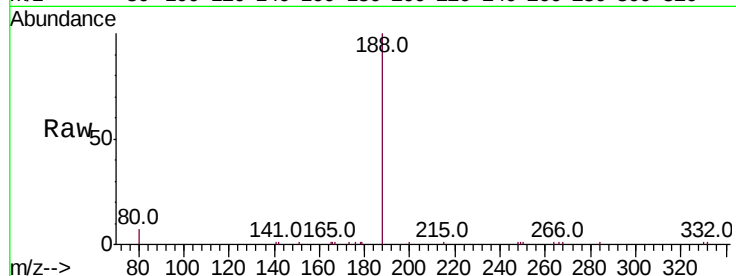
Tot Ion:188 Resp: 10581

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 6.8 6.6 9.8



#20

4,6-Dinitro-2-methylphenol

Concen: 0.392 ng

RT: 15.50 min Scan# 1373

Delta R.T. 0.00 min

Lab File: BN011766.D

Acq: 09 Sep 2020 14:08

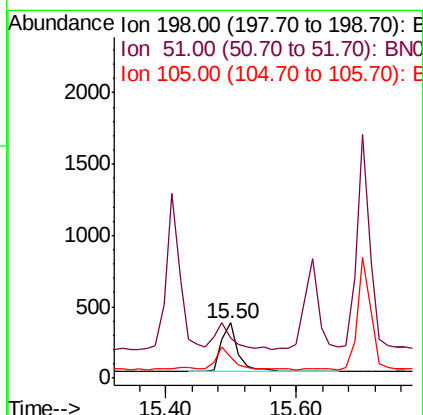
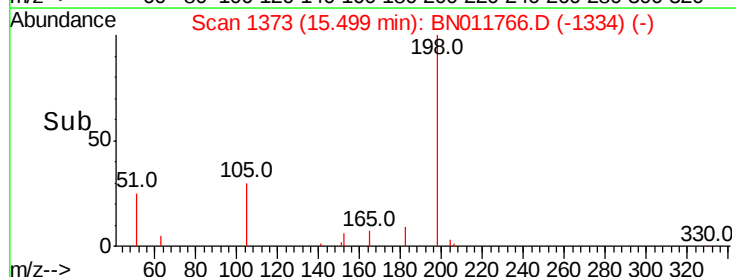
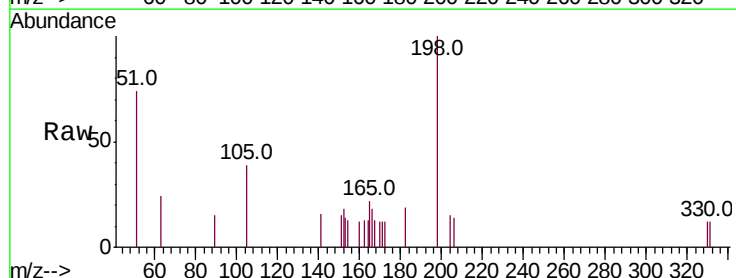
Tgt Ion:198 Resp: 640

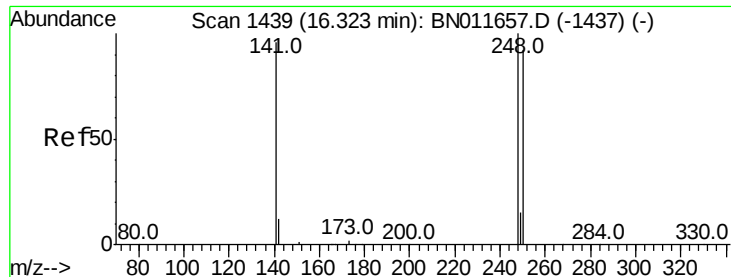
Ion Ratio Lower Upper

198 100

51 73.6 58.6 87.8

105 39.0 31.7 47.5





#21

4-Bromophenyl-phenylether

Concen: 0.364 ng

RT: 16.31 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BN011766.D

Acq: 09 Sep 2020 14:08

Instrument :

BNA_N

ClientSampleId :

PB131431BS

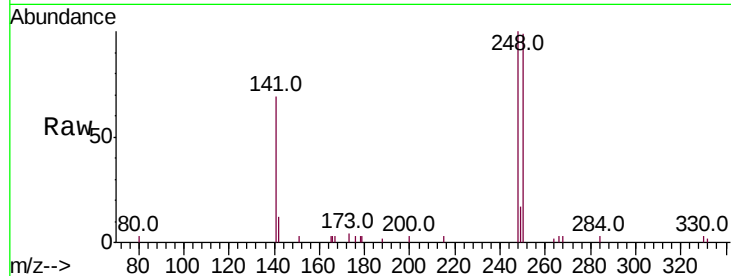
Tot Ion:248 Resp: 2258

Ion Ratio Lower Upper

248 100

250 99.2 73.9 110.9

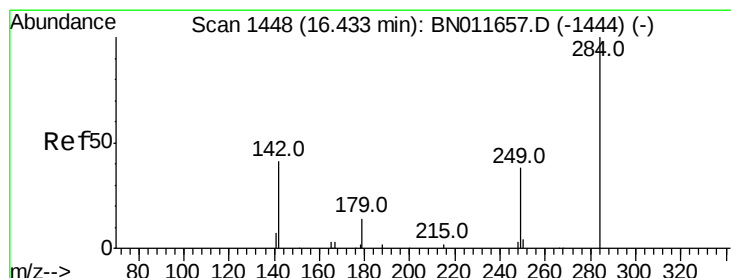
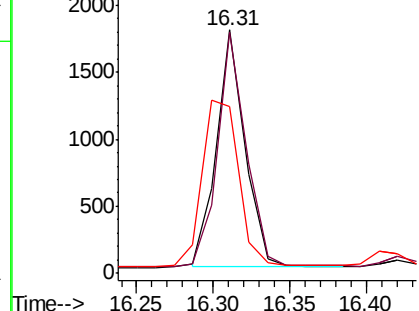
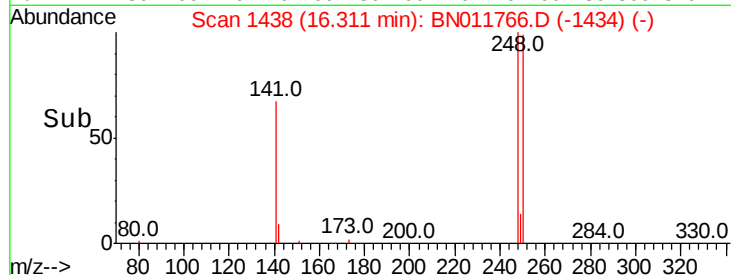
141 68.5 79.8 119.6#



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: 0.381 ng

RT: 16.42 min Scan# 1447

Delta R.T. 0.00 min

Lab File: BN011766.D

Acq: 09 Sep 2020 14:08

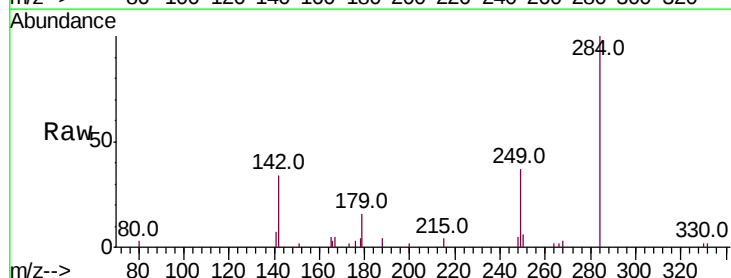
Tgt Ion:284 Resp: 2917

Ion Ratio Lower Upper

284 100

142 38.3 29.0 43.4

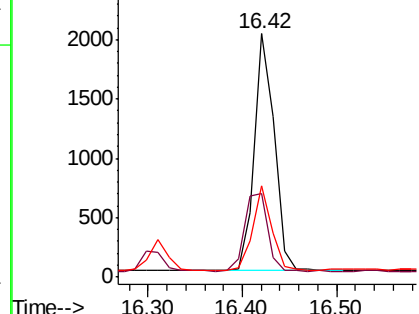
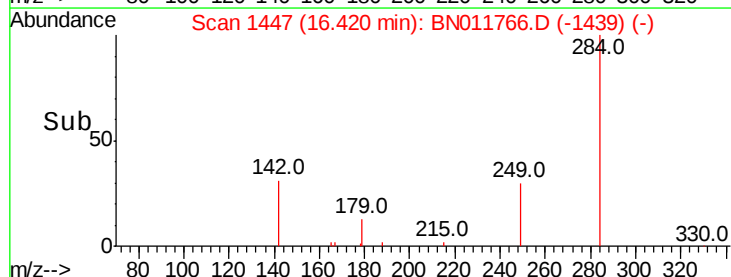
249 32.8 25.7 38.5

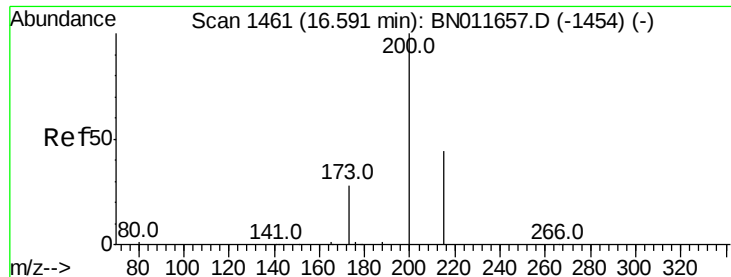


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#23

Atrazine

Concen: 0.242 ng

RT: 16.58 min Scan# 1460

Delta R.T. 0.00 min

Lab File: BN011766.D

Acq: 09 Sep 2020 14:08

Instrument :

BNA_N

ClientSampleId :

PB131431BS

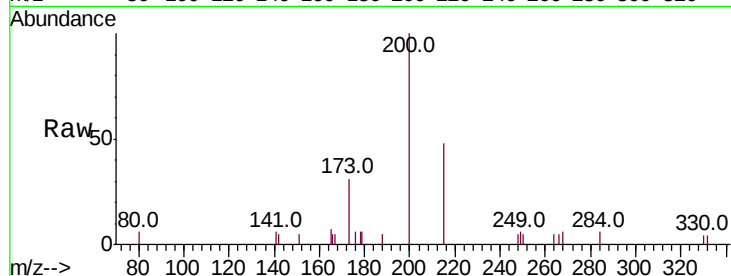
Tot Ion:200 Resp: 1317

Ion Ratio Lower Upper

200 100

173 30.6 24.3 36.5

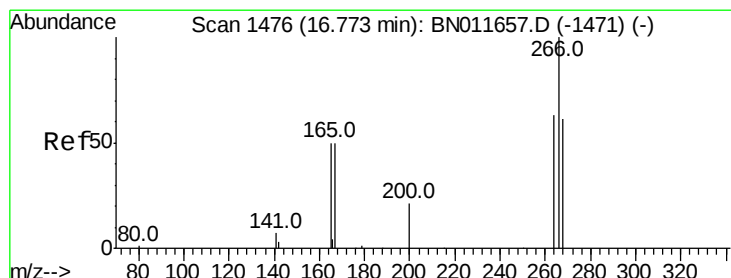
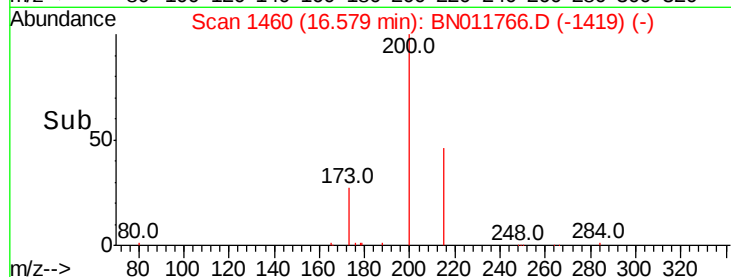
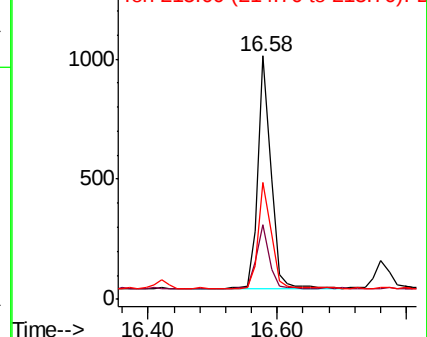
215 48.1 36.4 54.6



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: 0.320 ng

RT: 16.76 min Scan# 1475

Delta R.T. 0.00 min

Lab File: BN011766.D

Acq: 09 Sep 2020 14:08

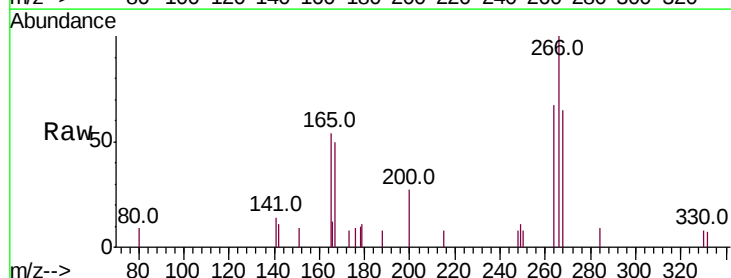
Tgt Ion:266 Resp: 972

Ion Ratio Lower Upper

266 100

264 62.2 49.5 74.3

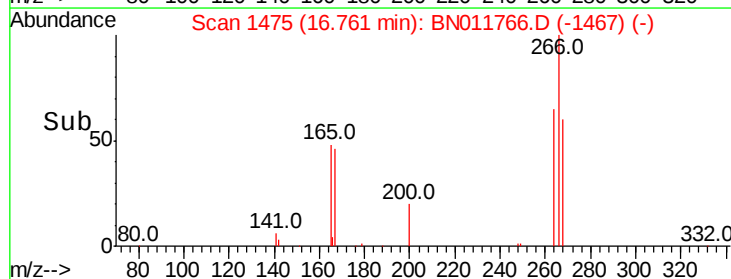
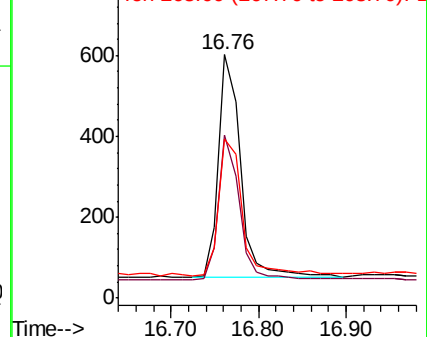
268 66.0 53.0 79.4

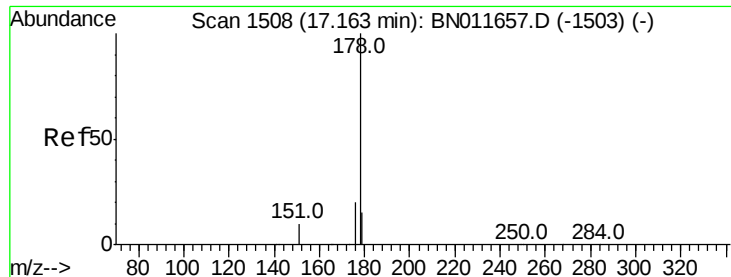


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Phenanthrene

Concen: 0.365 ng

RT: 17.15 min Scan# 1507

Delta R.T. 0.00 min

Lab File: BN011766.D

Acq: 09 Sep 2020 14:08

Instrument :

BNA_N

ClientSampleId :

PB131431BS

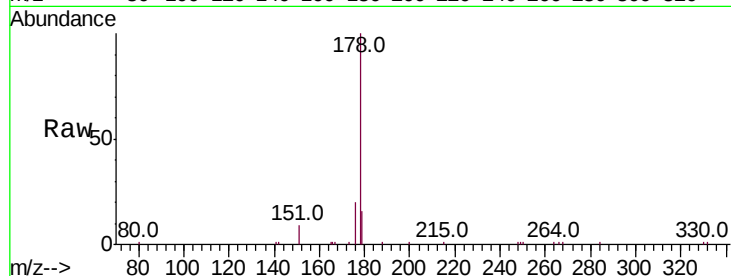
Tot Ion:178 Resp: 12460

Ion Ratio Lower Upper

178 100

176 18.8 15.2 22.8

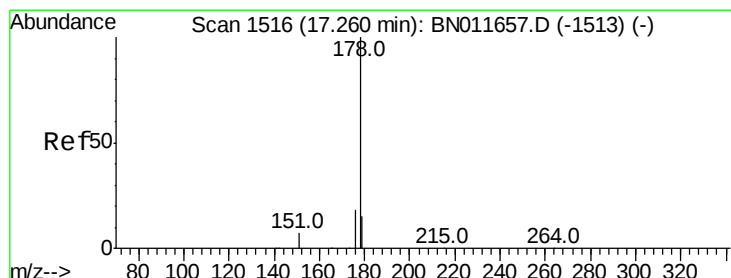
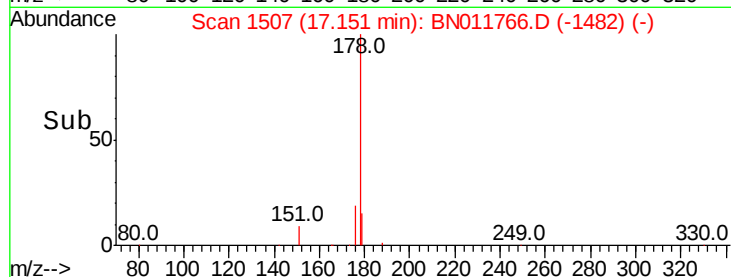
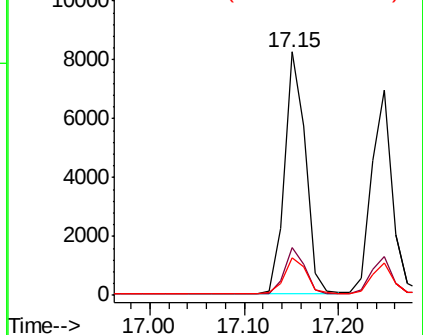
179 15.4 12.4 18.6



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: 0.353 ng

RT: 17.25 min Scan# 1515

Delta R.T. 0.00 min

Lab File: BN011766.D

Acq: 09 Sep 2020 14:08

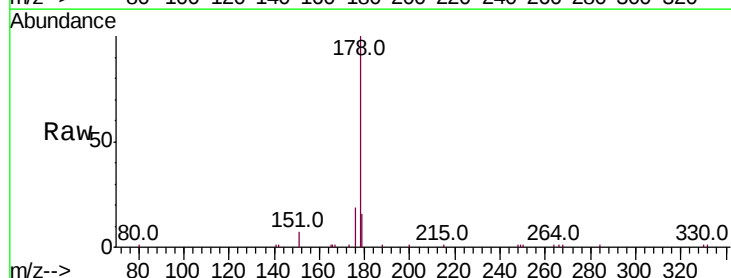
Tgt Ion:178 Resp: 10717

Ion Ratio Lower Upper

178 100

176 18.3 14.5 21.7

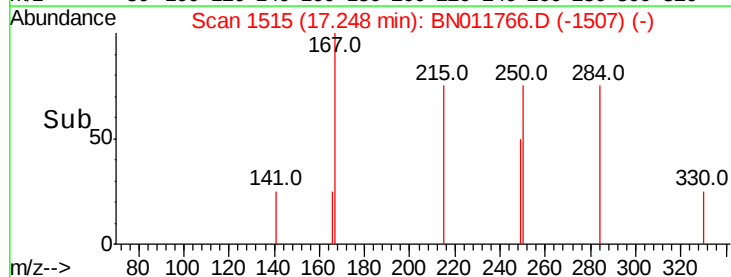
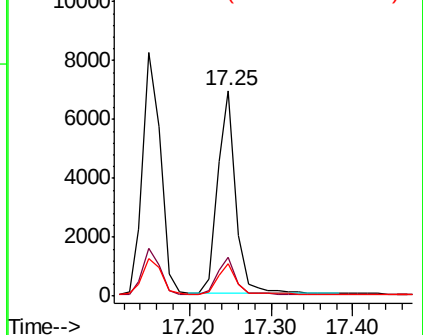
179 15.0 12.2 18.4

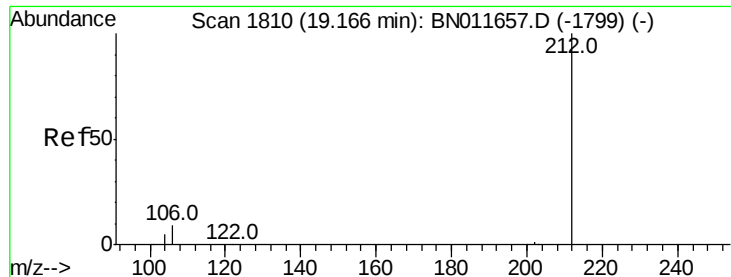


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

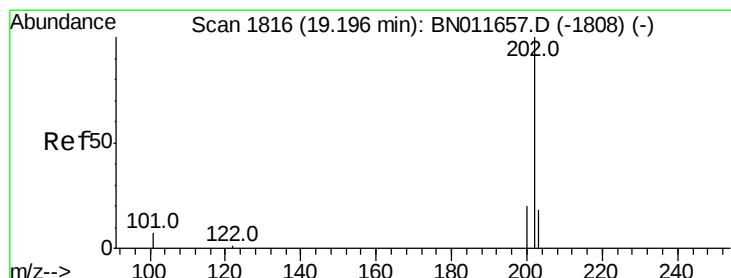
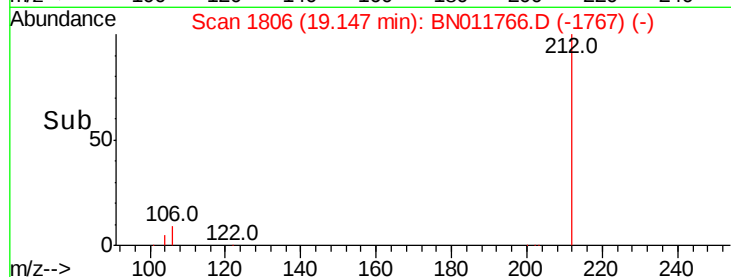
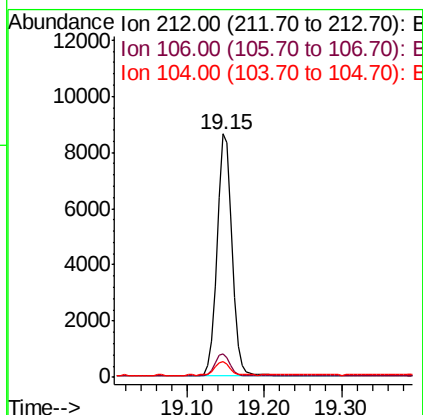
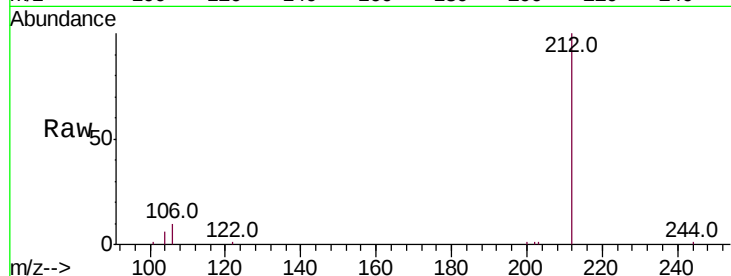




#27
Fluoranthene-d10
Concen: 0.341 ng
RT: 19.15 min Scan# 1806
Delta R.T. -0.00 min
Lab File: BN011766.D
Acq: 09 Sep 2020 14:08

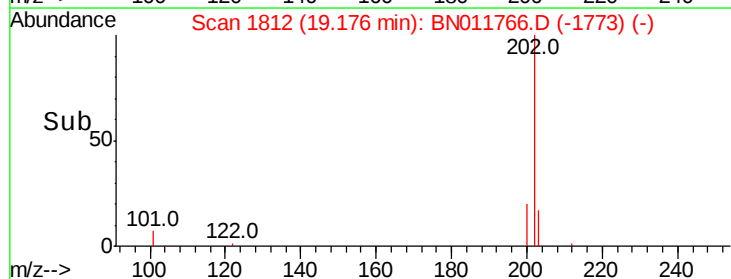
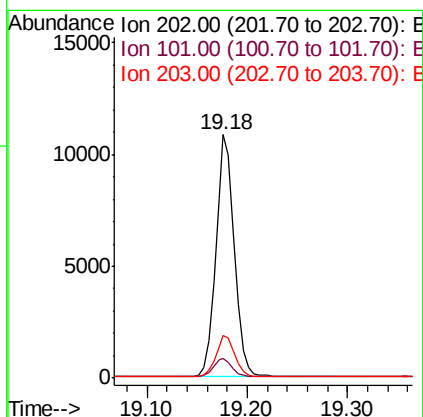
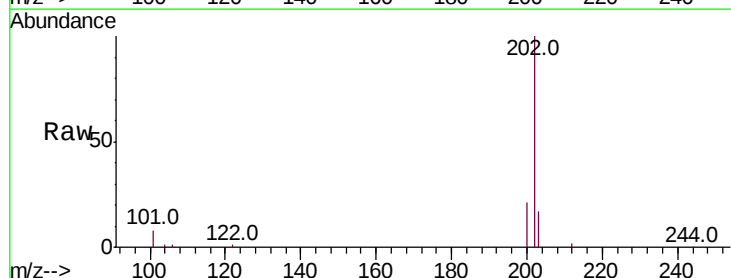
Instrument :
BNA_N
ClientSampleId :
PB131431BS

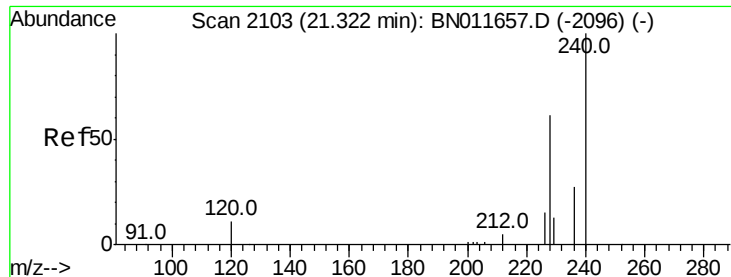
Tot Ion:212 Resp: 11569
Ion Ratio Lower Upper
212 100
106 9.0 7.6 11.4
104 5.4 4.6 6.8



#28
Fluoranthene
Concen: 0.345 ng
RT: 19.18 min Scan# 1812
Delta R.T. -0.00 min
Lab File: BN011766.D
Acq: 09 Sep 2020 14:08

Tgt Ion:202 Resp: 13987
Ion Ratio Lower Upper
202 100
101 7.9 6.5 9.7
203 17.0 13.8 20.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.31 min Scan# 2102

Delta R.T. 0.00 min

Lab File: BN011766.D

Acq: 09 Sep 2020 14:08

Instrument :

BNA_N

ClientSampleId :

PB131431BS

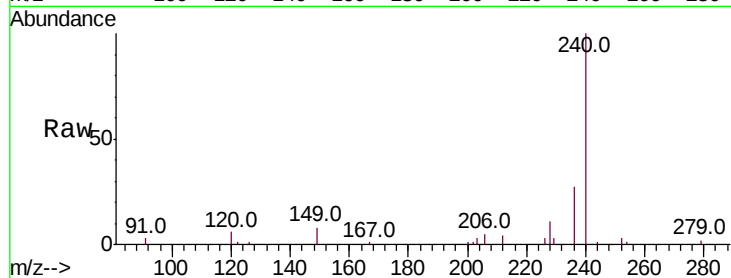
Tot Ion:240 Resp: 10911

Ion Ratio Lower Upper

240 100

120 6.2 9.9 14.9#

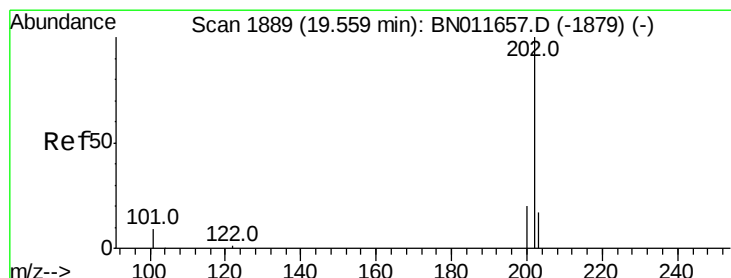
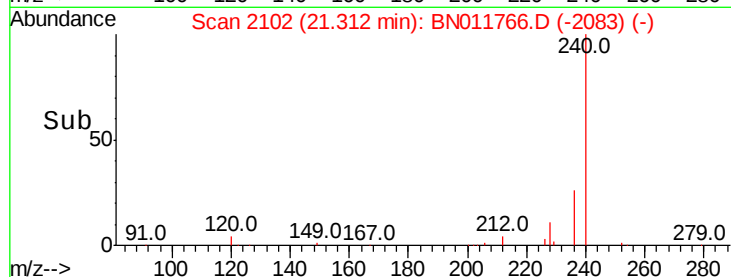
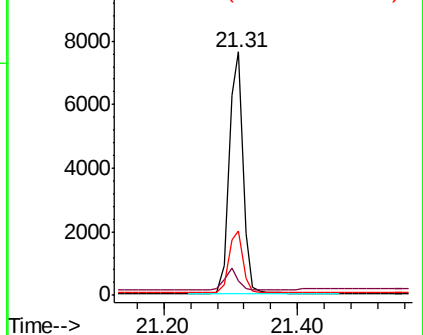
236 26.6 22.2 33.4



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: 0.366 ng

RT: 19.54 min Scan# 1886

Delta R.T. 0.00 min

Lab File: BN011766.D

Acq: 09 Sep 2020 14:08

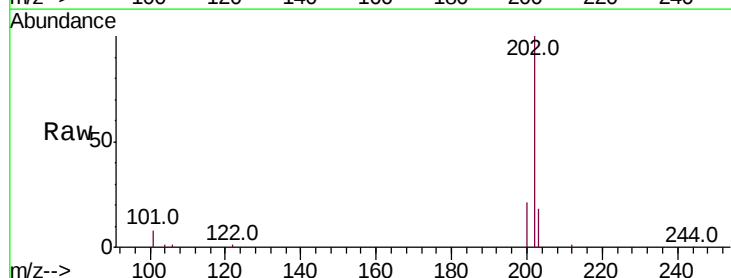
Tgt Ion:202 Resp: 13869

Ion Ratio Lower Upper

202 100

200 20.6 16.3 24.5

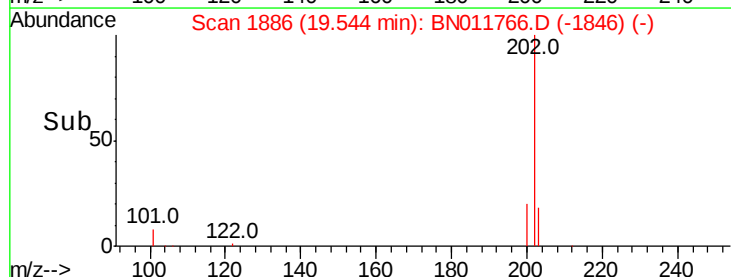
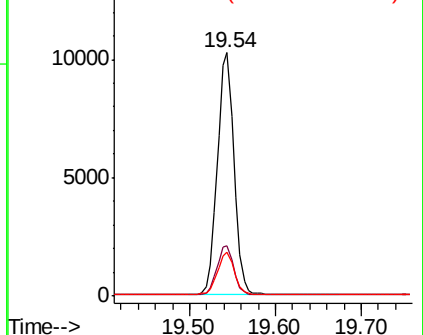
203 17.5 14.1 21.1

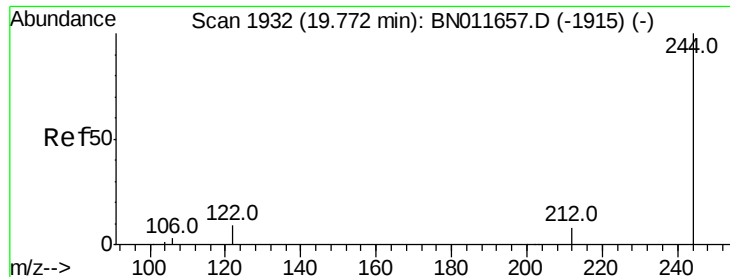


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#31

Terphenyl-d14

Concen: 0.364 ng

RT: 19.75 min Scan# 1928

Delta R.T. 0.00 min

Lab File: BN011766.D

Acq: 09 Sep 2020 14:08

Instrument :

BNA_N

ClientSampled :

PB131431BS

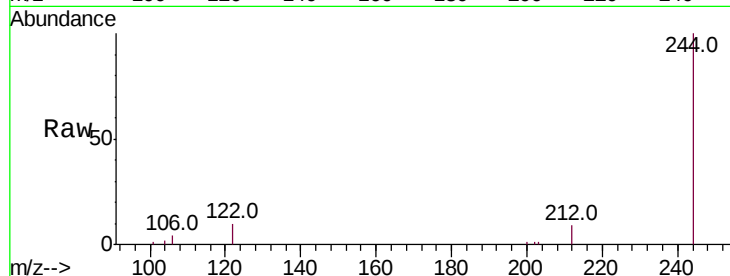
Tot Ion:244 Resp: 9868

Ion Ratio Lower Upper

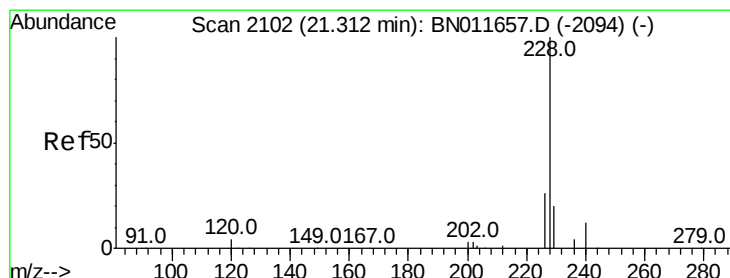
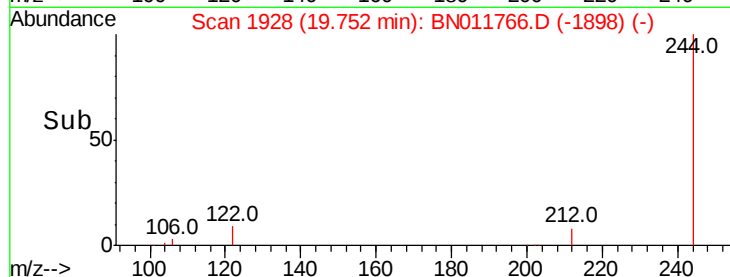
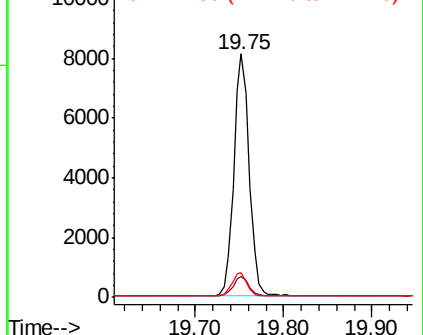
244 100

212 8.7 6.5 9.7

122 9.9 7.4 11.2



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: 0.338 ng

RT: 21.29 min Scan# 2100

Delta R.T. 0.00 min

Lab File: BN011766.D

Acq: 09 Sep 2020 14:08

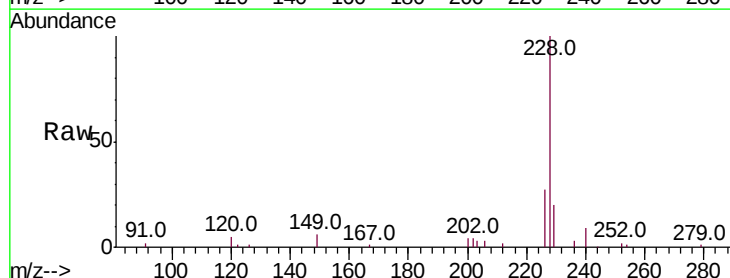
Tgt Ion:228 Resp: 13172

Ion Ratio Lower Upper

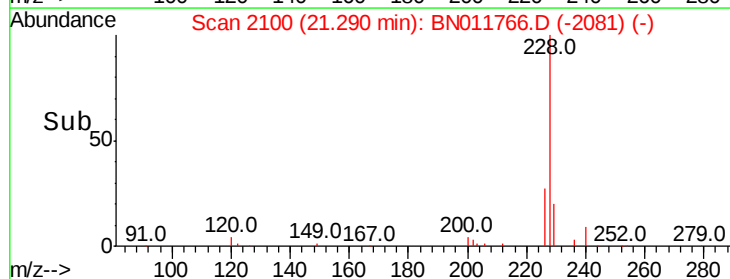
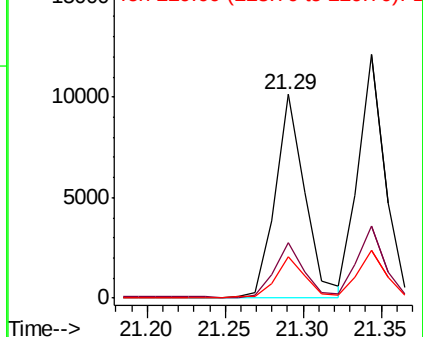
228 100

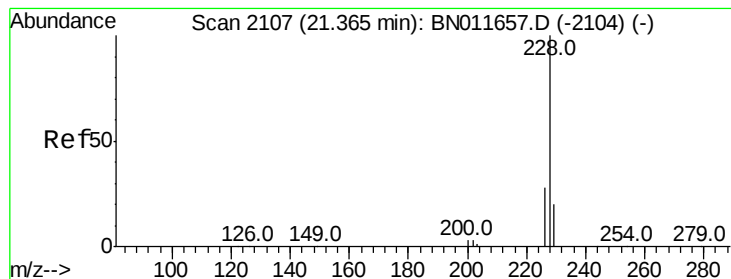
226 27.2 21.2 31.8

229 20.0 16.0 24.0



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: 0.357 ng

RT: 21.34 min Scan# 2105

Delta R.T. 0.00 min

Lab File: BN011766.D

Acq: 09 Sep 2020 14:08

Instrument :

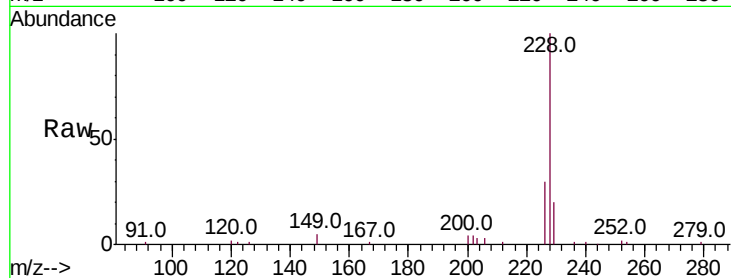
BNA_N

ClientSampleId :

PB131431BS

Tot Ion:228 Resp: 14334

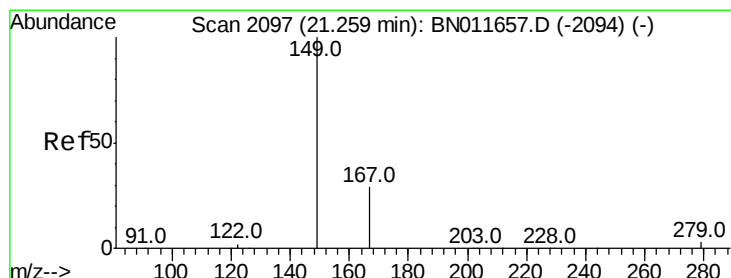
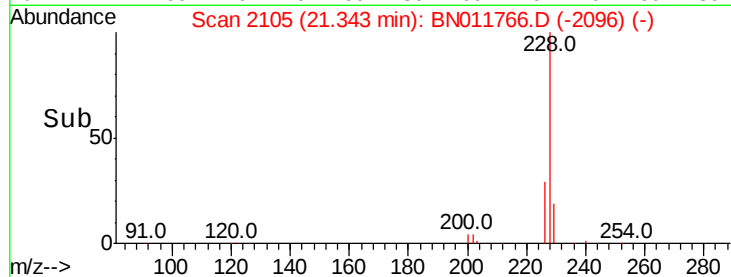
Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.7	34.1
229	19.7	15.9	23.9



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: 0.317 ng

RT: 21.23 min Scan# 2094

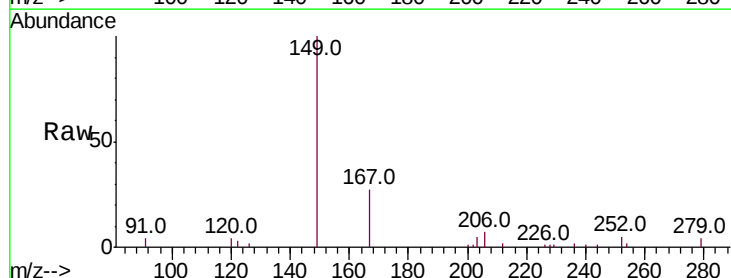
Delta R.T. -0.01 min

Lab File: BN011766.D

Acq: 09 Sep 2020 14:08

Tgt Ion:149 Resp: 5030

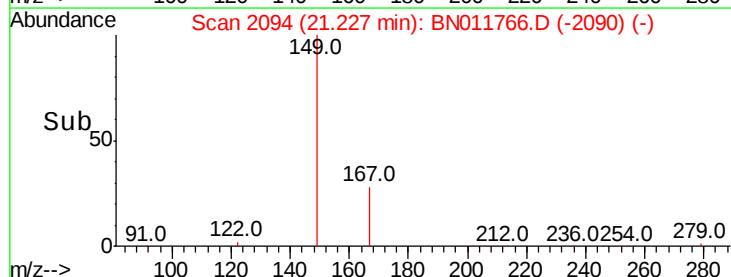
Ion	Ratio	Lower	Upper
149	100		
167	29.1	23.2	34.8
279	5.3	4.0	6.0

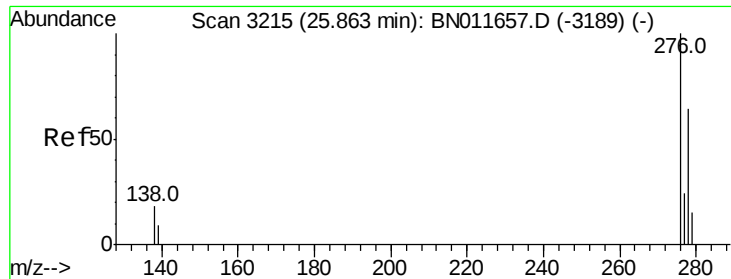


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

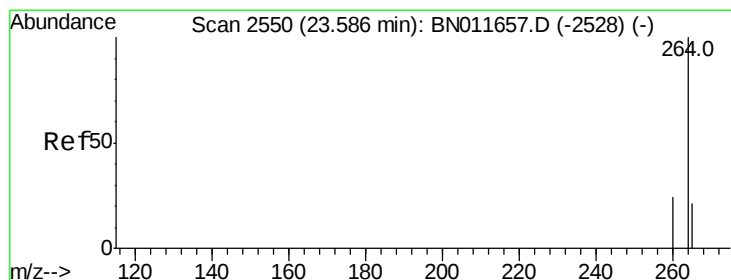
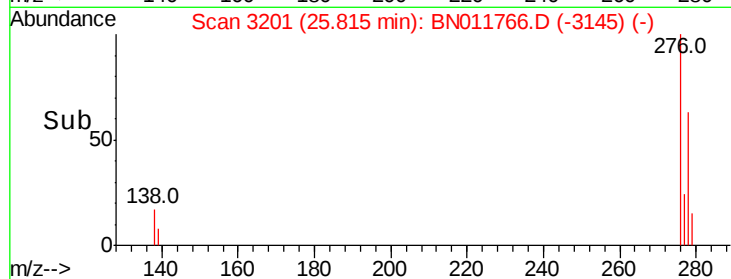
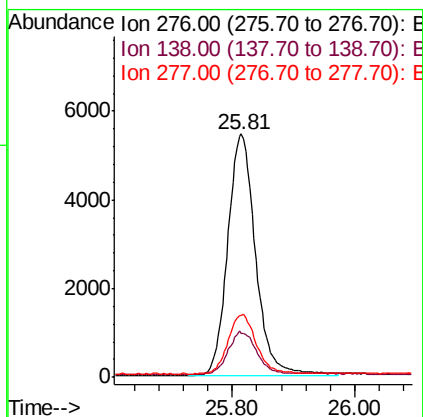
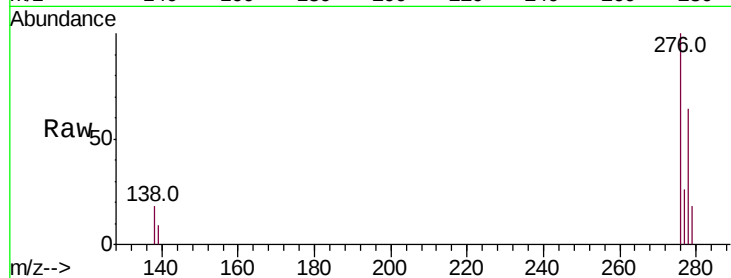




#35
 Indeno(1,2,3-cd)pyrene
 Concen: 0.325 ng
 RT: 25.81 min Scan# 3201
 Delta R.T. -0.01 min
 Lab File: BN011766.D
 Acq: 09 Sep 2020 14:08

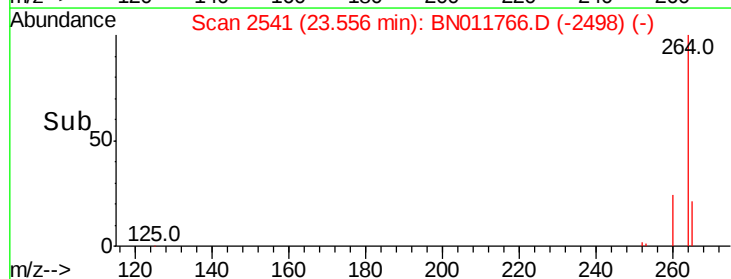
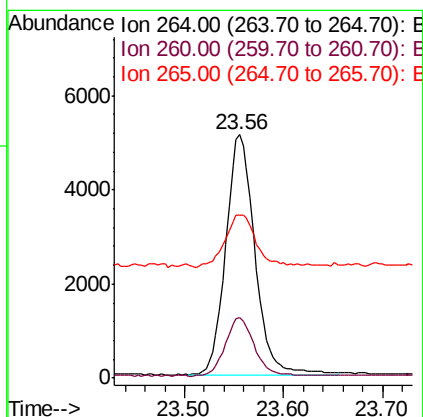
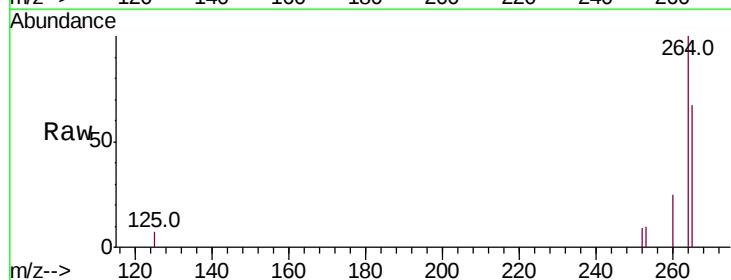
Instrument :
 BNA_N
 ClientSampleId :
 PB131431BS

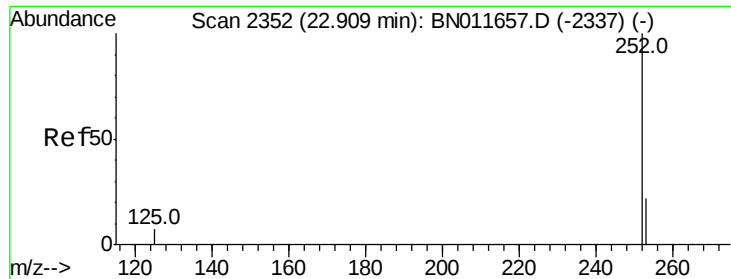
Tot Ion:276 Resp: 17051
 Ion Ratio Lower Upper
 276 100
 138 17.9 15.4 23.2
 277 24.7 20.1 30.1



#36
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.56 min Scan# 2541
 Delta R.T. -0.00 min
 Lab File: BN011766.D
 Acq: 09 Sep 2020 14:08

Tgt Ion:264 Resp: 10357
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.8 29.6
 265 67.0 38.9 58.3#

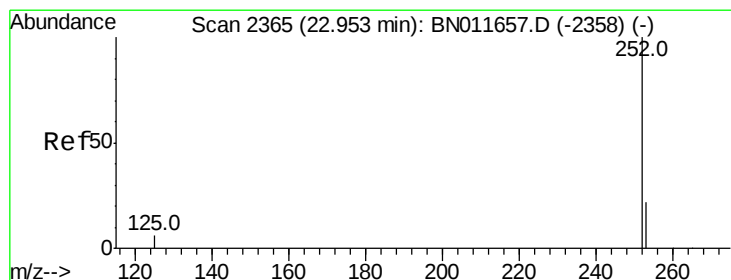
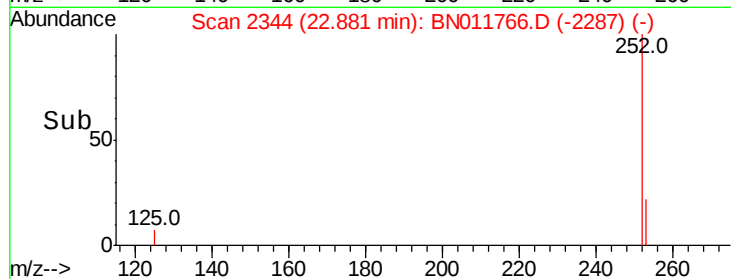
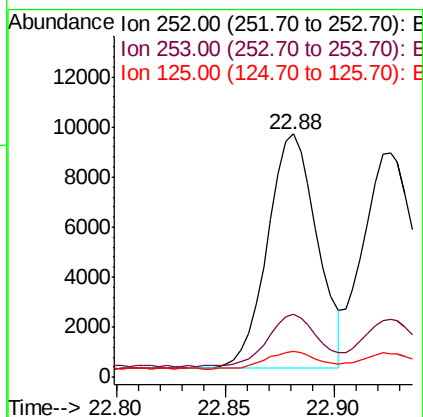
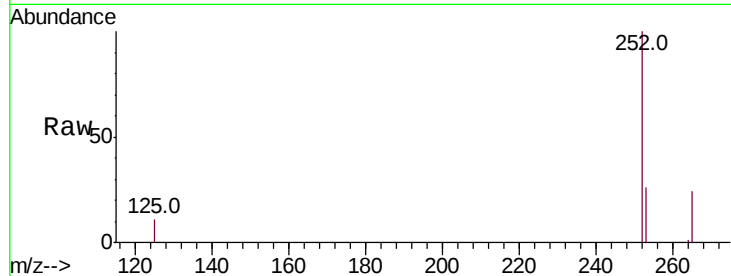




#37
Benzo(b)fluoranthene
Concen: 0.374 ng
RT: 22.88 min Scan# 2344
Delta R.T. -0.00 min
Lab File: BN011766.D
Acq: 09 Sep 2020 14:08

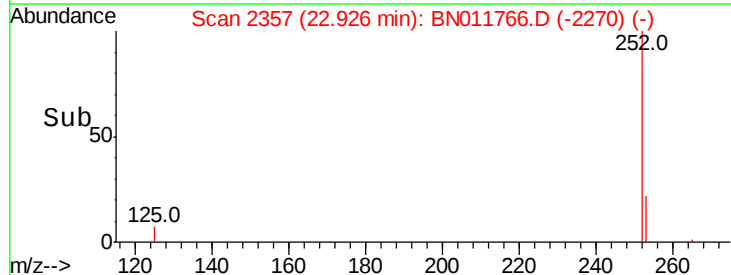
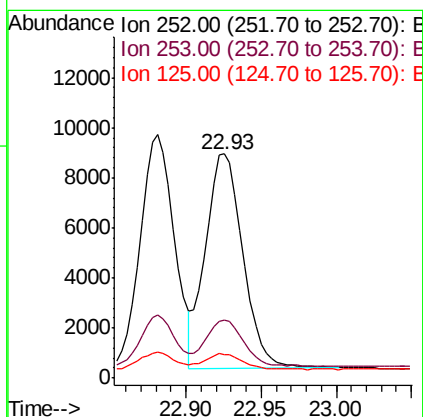
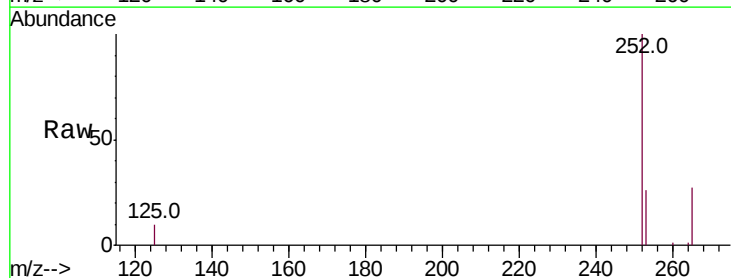
Instrument :
BNA_N
ClientSampleId :
PB131431BS

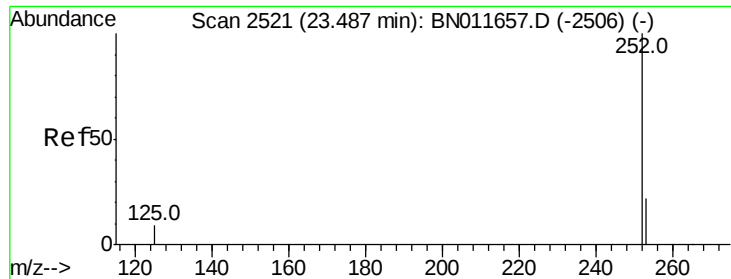
Tot Ion:252 Resp: 14853
Ion Ratio Lower Upper
252 100
253 25.9 19.7 29.5
125 10.5 7.8 11.8



#38
Benzo(k)fluoranthene
Concen: 0.366 ng
RT: 22.93 min Scan# 2357
Delta R.T. -0.00 min
Lab File: BN011766.D
Acq: 09 Sep 2020 14:08

Tgt Ion:252 Resp: 14862
Ion Ratio Lower Upper
252 100
253 25.9 19.4 29.0
125 10.5 8.4 12.6





#39

Benzo(a)pyrene

Concen: 0.351 ng

RT: 23.46 min Scan# 2512

Delta R.T. -0.00 min

Lab File: BN011766.D

Acq: 09 Sep 2020 14:08

Instrument :

BNA_N

ClientSampleId :

PB131431BS

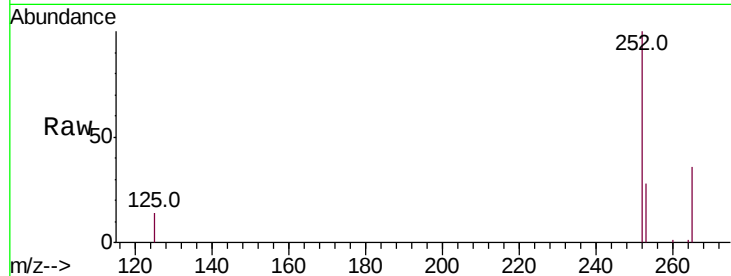
Tot Ion:252 Resp: 12470

Ion Ratio Lower Upper

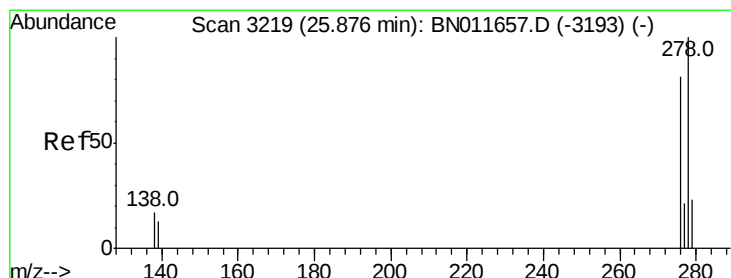
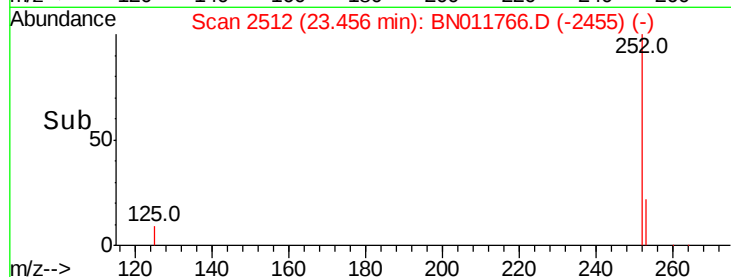
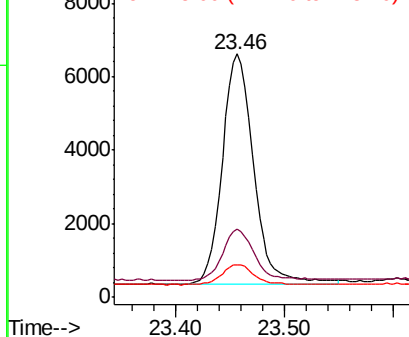
252 100

253 27.8 20.3 30.5

125 13.5 9.8 14.6



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: 0.353 ng

RT: 25.83 min Scan# 3205

Delta R.T. -0.01 min

Lab File: BN011766.D

Acq: 09 Sep 2020 14:08

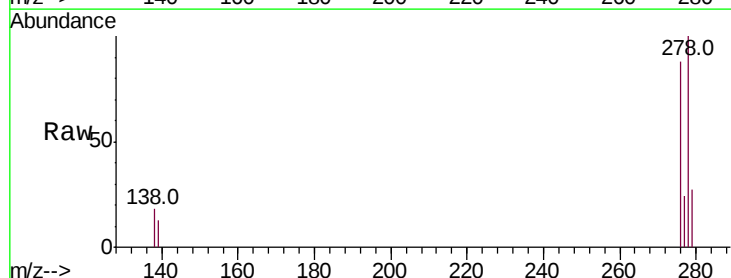
Tgt Ion:278 Resp: 14134

Ion Ratio Lower Upper

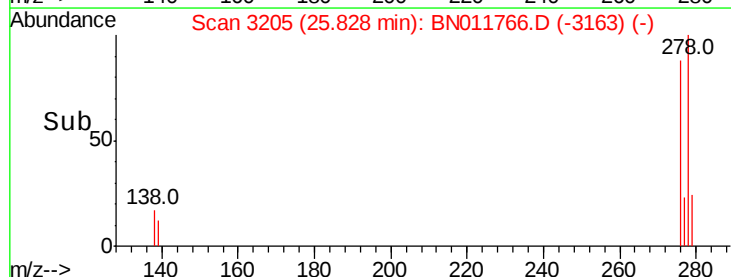
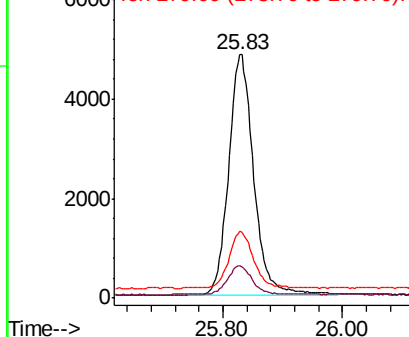
278 100

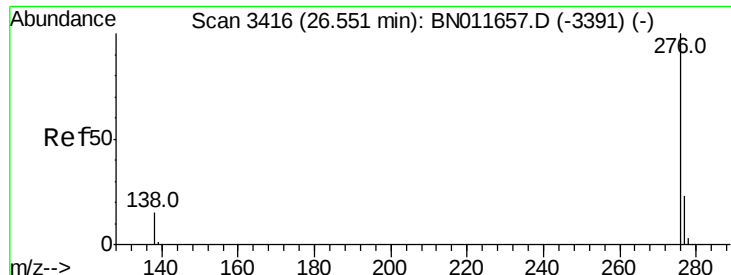
139 13.5 11.0 16.6

279 27.5 20.5 30.7



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: 0.371 ng

RT: 26.50 min Scan# 3402

Delta R.T. -0.00 min

Lab File: BN011766.D

Acq: 09 Sep 2020 14:08

Instrument :

BNA_N

ClientSampleId :

PB131431BS

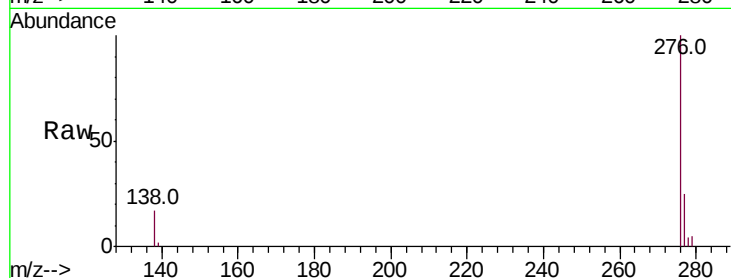
Tot Ion:276 Resp: 14563

Ion Ratio Lower Upper

276 100

277 25.0 19.7 29.5

138 17.3 13.4 20.2



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

