

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN073120\
 Data File : BN011325.D
 Acq On : 31 Jul 2020 13:29
 Operator : CG/JU
 Sample : PB130596BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB130596BS

Quant Time: Jul 31 14:06:14 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	7.47	152	1672	0.40	ng	0.00
7) Naphthalene-d8	10.21	136	5680	0.40	ng	0.00
13) Acenaphthene-d10	14.09	164	3380	0.40	ng	0.00
19) Phenanthrene-d10	16.85	188	8198	0.40	ng	0.00
29) Chrysene-d12	21.07	240	8548	0.40	ng	0.00
36) Perylene-d12	23.20	264	8516	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.13	112	1665	0.38	ng	0.00
5) Phenol-d6	6.68	99	1799	0.34	ng	0.00
8) Nitrobenzene-d5	8.60	82	2084	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	11.81	152	3309	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.60	330	536	0.34	ng	0.00
15) 2-Fluorobiphenyl	12.71	172	6213	0.43	ng	0.00
27) Fluoranthene-d10	18.89	212	8409	0.34	ng	0.00
31) Terphenyl-d14	19.51	244	9336	0.36	ng	0.00

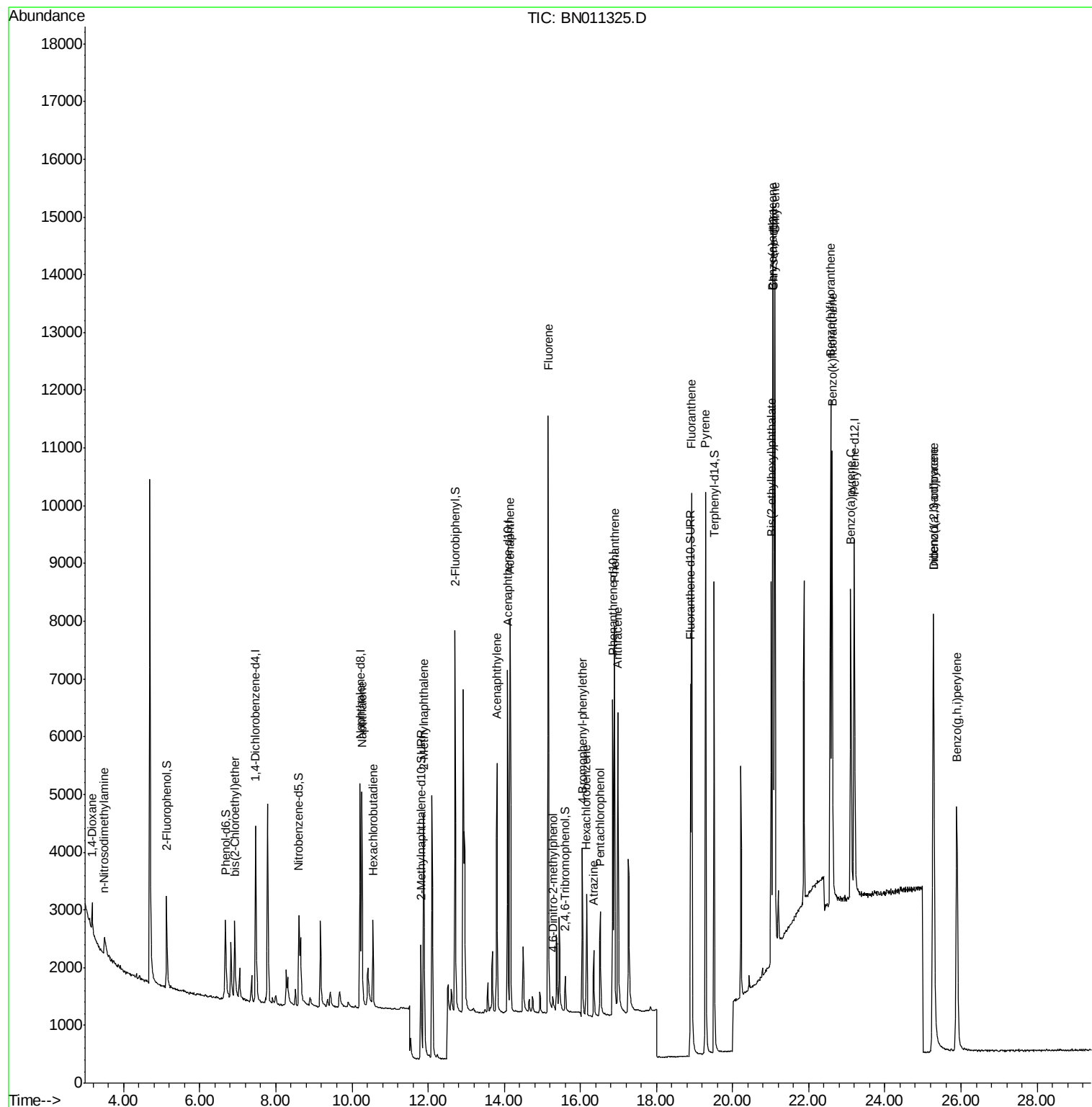
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.17	88	516	0.219	ng	# 76
3) n-Nitrosodimethylamine	3.50	42	392	0.325	ng	# 94
6) bis(2-Chloroethyl)ether	6.92	93	1347	0.303	ng	99
9) Naphthalene	10.26	128	5245	0.311	ng	99
10) Hexachlorobutadiene	10.55	225	1146	0.281	ng	# 99
12) 2-Methylnaphthalene	11.89	142	3595	0.301	ng	97
16) Acenaphthylene	13.81	152	5294	0.304	ng	99
17) Acenaphthene	14.15	154	3378	0.298	ng	99
18) Fluorene	15.16	166	4622	0.317	ng	99
20) 4,6-Dinitro-2-methylphenol	15.27	198	368	0.408	ng	93
21) 4-Bromophenyl-phenylether	16.06	248	1474	0.271	ng	93
22) Hexachlorobenzene	16.16	284	1585	0.257	ng	96
23) Atrazine	16.35	200	1125	0.266	ng	99
24) Pentachlorophenol	16.52	266	1072	0.561	ng	96
25) Phenanthrene	16.90	178	7864	0.295	ng	100
26) Anthracene	16.98	178	6736	0.304	ng	99
28) Fluoranthene	18.92	202	9606	0.317	ng	99
30) Pyrene	19.29	202	9587	0.249	ng	99
32) Benzo(a)anthracene	21.06	228	9233	0.322	ng	99
33) Chrysene	21.11	228	10663	0.332	ng	99
34) Bis(2-ethylhexyl)phthalate	21.01	149	3805	0.248	ng	99
35) Indeno(1,2,3-cd)pyrene	25.27	276	10035	0.320	ng	97
37) Benzo(b)fluoranthene	22.57	252	10294	0.303	ng	98
38) Benzo(k)fluoranthene	22.61	252	11333	0.303	ng	98
39) Benzo(a)pyrene	23.10	252	8810	0.299	ng	96
40) Dibenzo(a,h)anthracene	25.28	278	8164	0.268	ng	98
41) Benzo(g,h,i)perylene	25.89	276	9286	0.275	ng	98

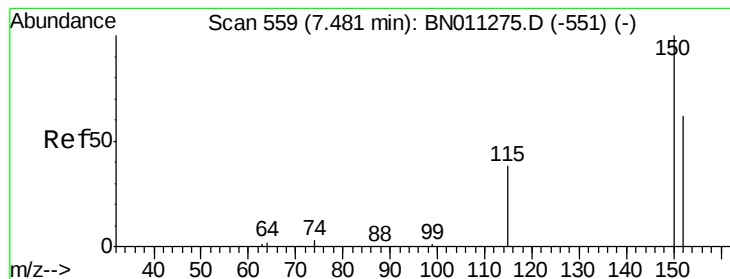
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.47 min Scan# 557

Delta R.T. 0.00 min

Lab File: BN011325.D

Acq: 31 Jul 2020 13:29

Instrument :

BNA_N

ClientSampleId :

PB130596BS

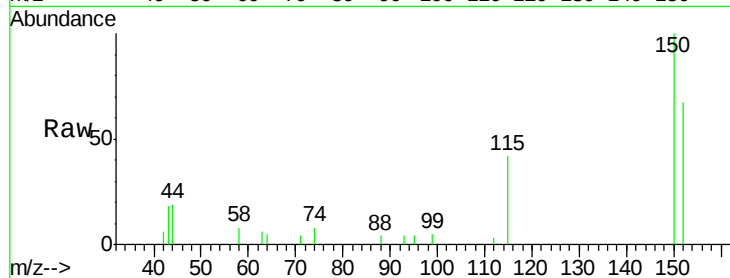
Tot Ion:152 Resp: 1672

Ion Ratio Lower Upper

152 100

150 150.1 126.5 189.7

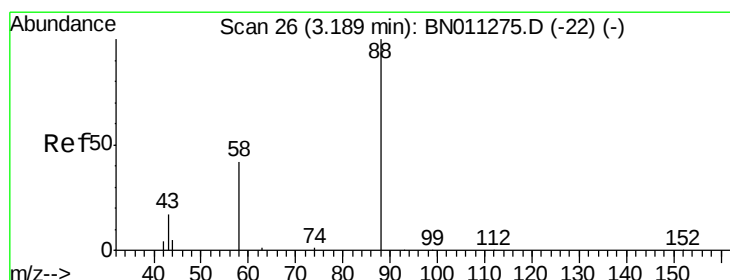
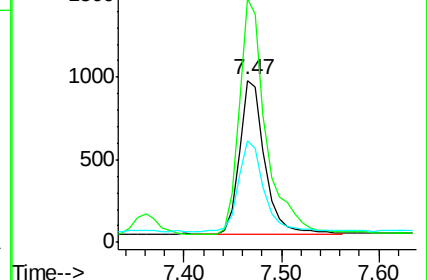
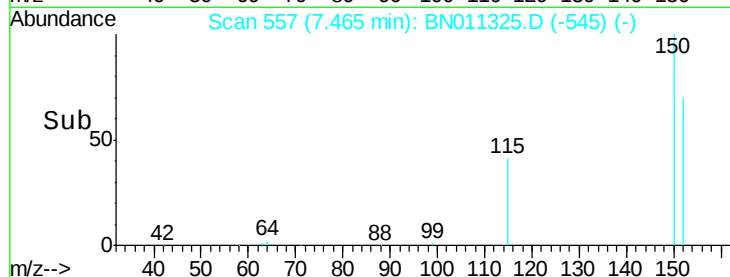
115 62.7 51.9 77.9



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: 0.219 ng

RT: 3.17 min Scan# 24

Delta R.T. 0.00 min

Lab File: BN011325.D

Acq: 31 Jul 2020 13:29

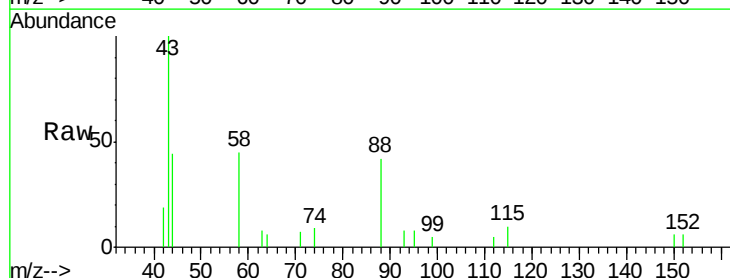
Tgt Ion: 88 Resp: 516

Ion Ratio Lower Upper

88 100

58 55.2 36.5 54.7#

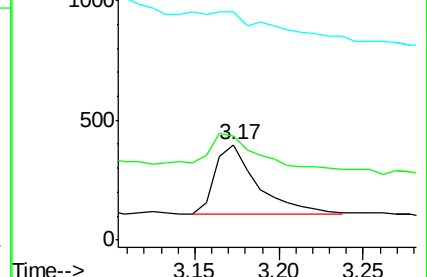
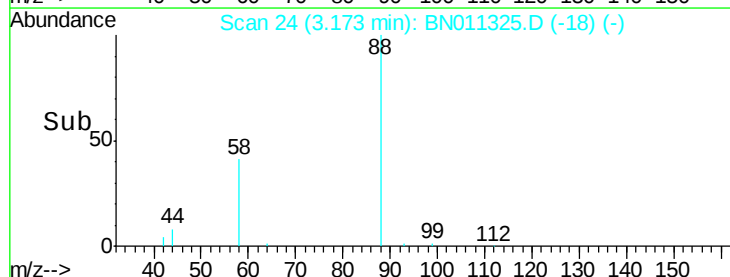
43 0.0 16.1 24.1#

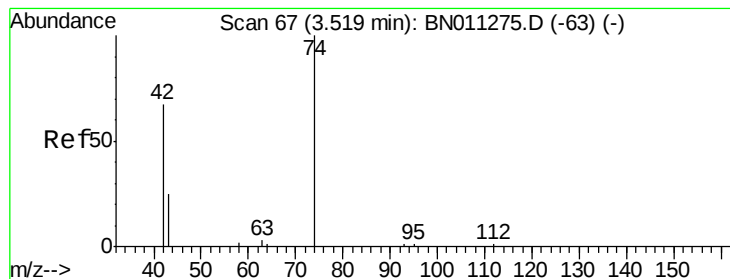


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.325 ng

RT: 3.50 min Scan# 65

Delta R.T. -0.01 min

Lab File: BN011325.D

Acq: 31 Jul 2020 13:29

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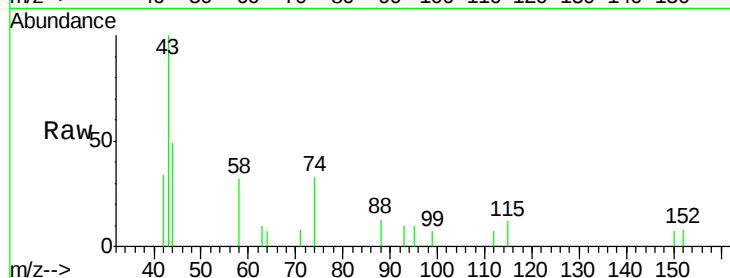
Tot Ion: 42 Resp: 392

Ion Ratio Lower Upper

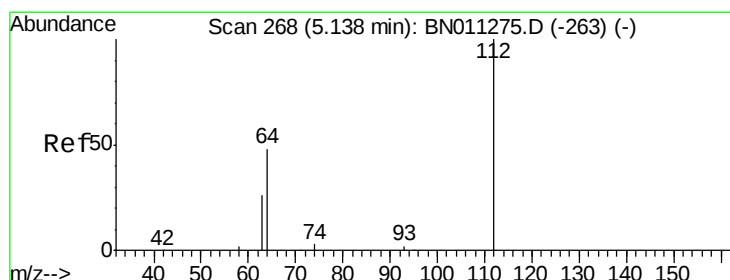
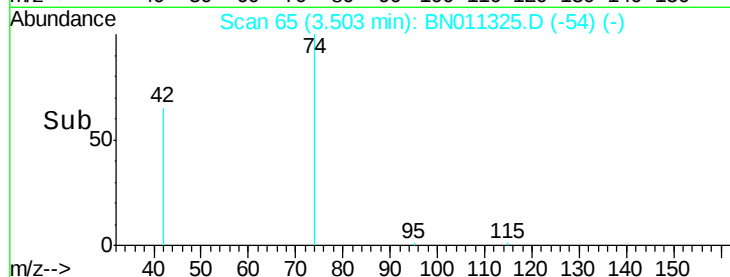
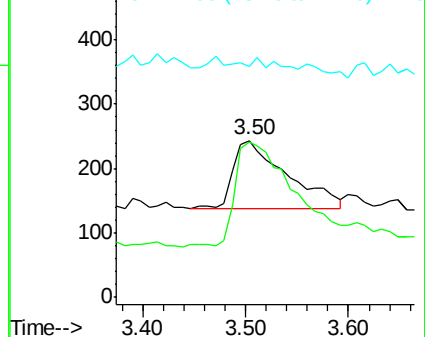
42 100

74 174.2 144.2 216.2

44 0.0 11.1 16.7#



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: 0.379 ng

RT: 5.13 min Scan# 267

Delta R.T. 0.00 min

Lab File: BN011325.D

Acq: 31 Jul 2020 13:29

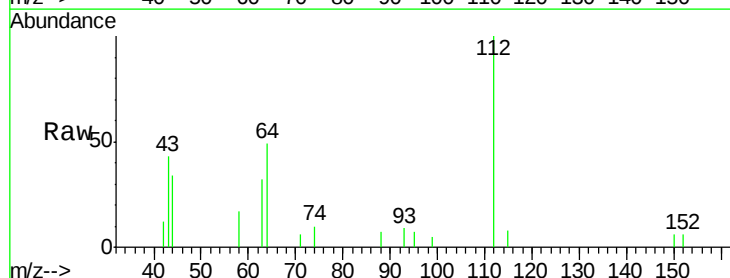
Tgt Ion: 112 Resp: 1665

Ion Ratio Lower Upper

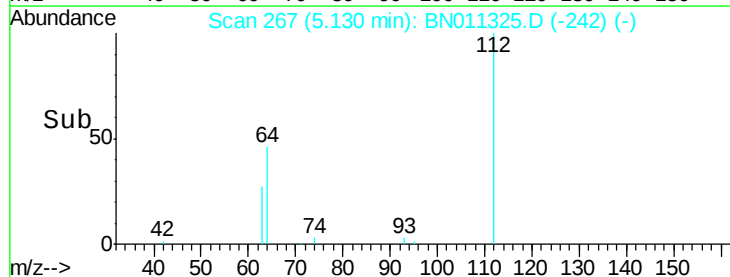
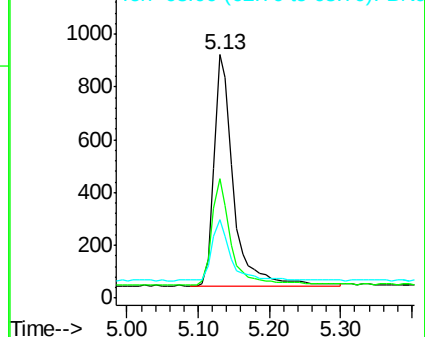
112 100

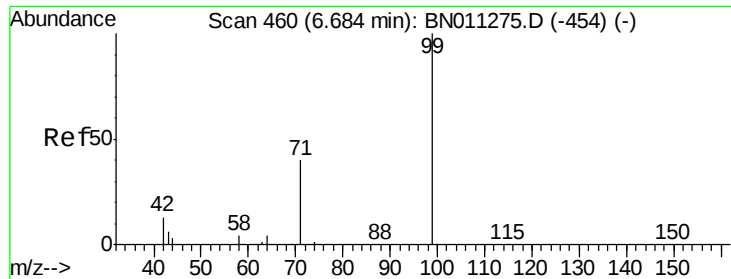
64 44.3 35.8 53.6

63 27.3 19.3 28.9



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: 0.337 ng

RT: 6.68 min Scan# 459

Delta R.T. 0.01 min

Lab File: BN011325.D

Acq: 31 Jul 2020 13:29

Instrument :

BNA_N

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PB130596BS

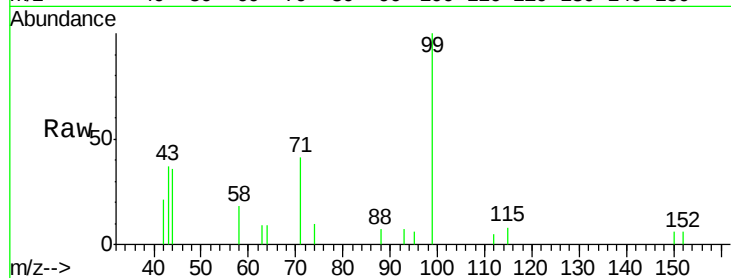
Tot Ion: 99 Resp: 1799

Ion Ratio Lower Upper

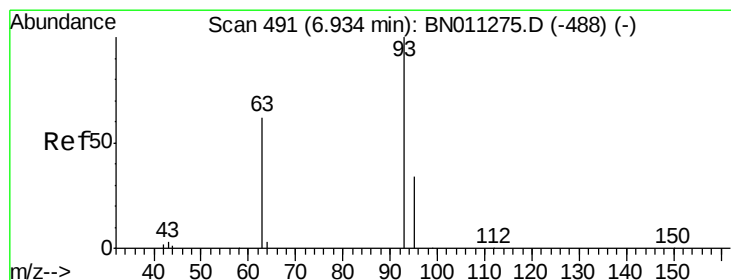
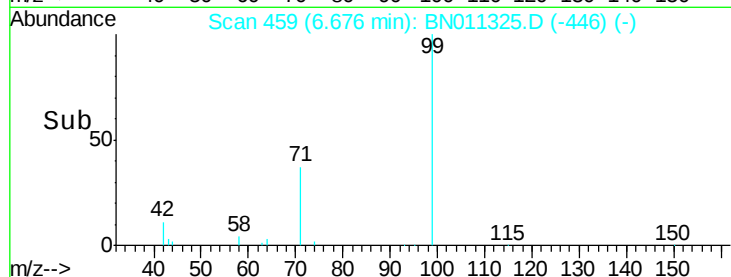
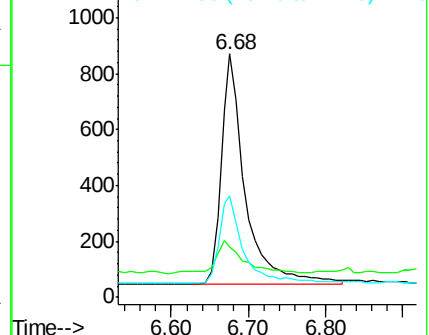
99 100

42 16.1 11.2 16.8

71 38.6 30.6 45.8



Abundance Ion 99.00 (98.70 to 99.70): BN0
Ion 42.00 (41.70 to 42.70): BN0
Ion 71.00 (70.70 to 71.70): BN0



#6

bis(2-Chloroethyl)ether

Concen: 0.303 ng

RT: 6.92 min Scan# 489

Delta R.T. 0.00 min

Lab File: BN011325.D

Acq: 31 Jul 2020 13:29

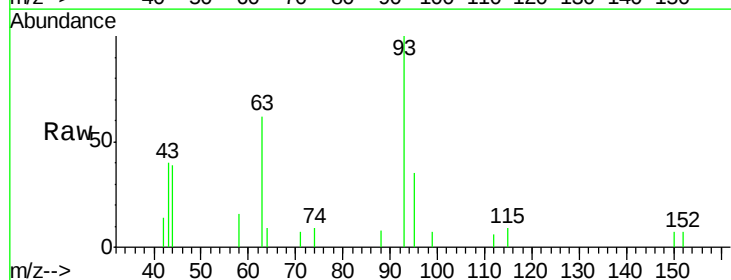
Tgt Ion: 93 Resp: 1347

Ion Ratio Lower Upper

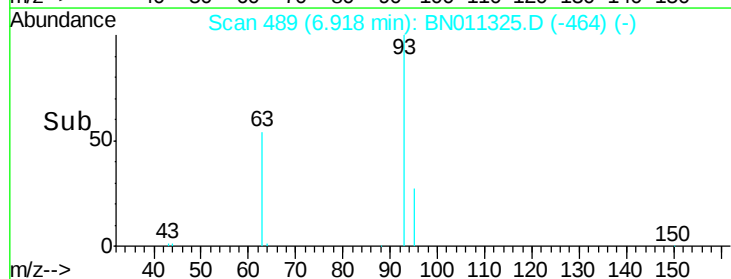
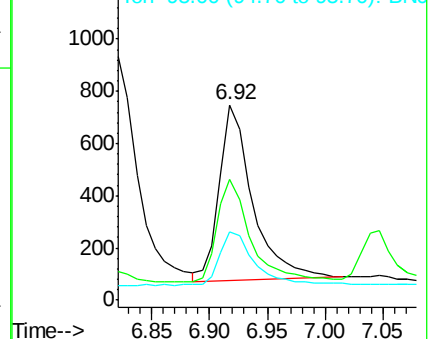
93 100

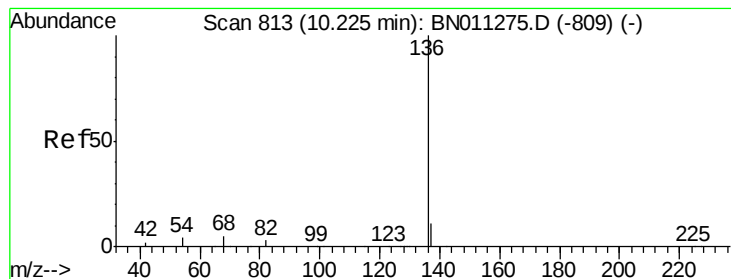
63 60.4 47.8 71.6

95 35.2 27.1 40.7



Abundance Ion 93.00 (92.70 to 93.70): BN0
Ion 63.00 (62.70 to 63.70): BN0
Ion 95.00 (94.70 to 95.70): BN0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.21 min Scan# 812

Delta R.T. 0.00 min

Lab File: BN011325.D

Acq: 31 Jul 2020 13:29

Instrument :

BNA_N

ClientSampleId :

PB130596BS

Tot Ion:136 Resp: 5680

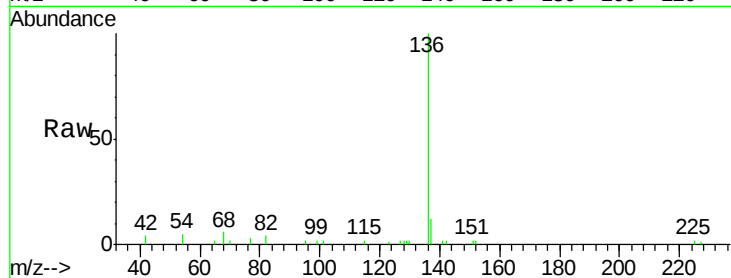
Ion Ratio Lower Upper

136 100

137 12.2 9.9 14.9

54 5.2 4.8 7.2

68 5.6 4.9 7.3

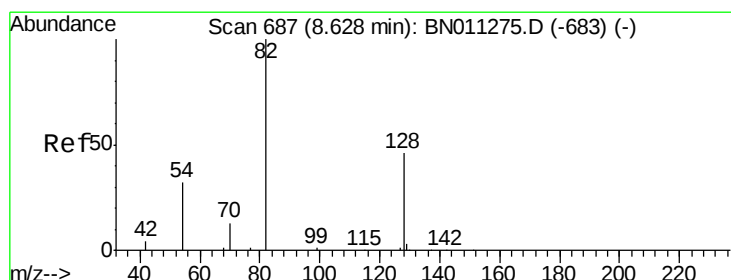
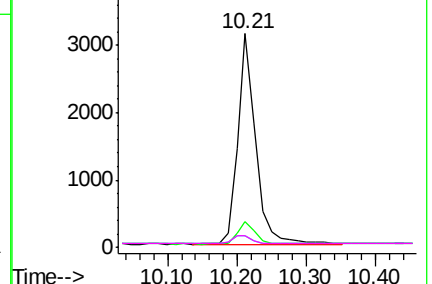
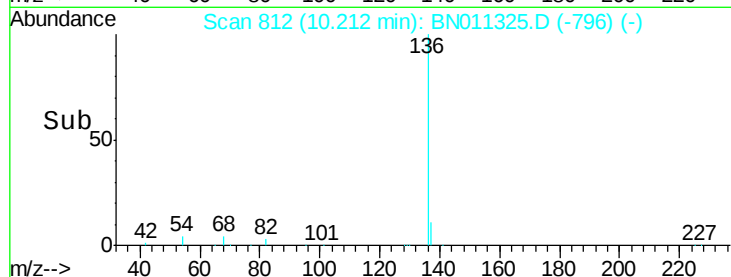


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.411 ng

RT: 8.60 min Scan# 685

Delta R.T. 0.00 min

Lab File: BN011325.D

Acq: 31 Jul 2020 13:29

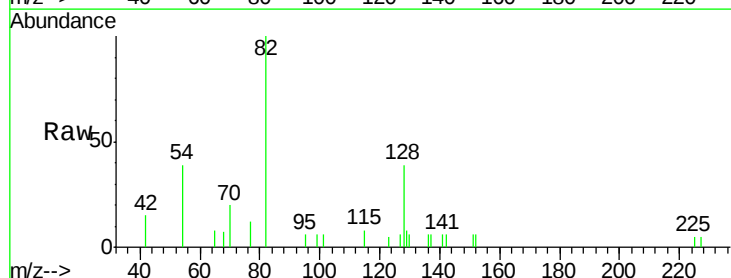
Tgt Ion: 82 Resp: 2084

Ion Ratio Lower Upper

82 100

128 39.5 40.1 60.1#

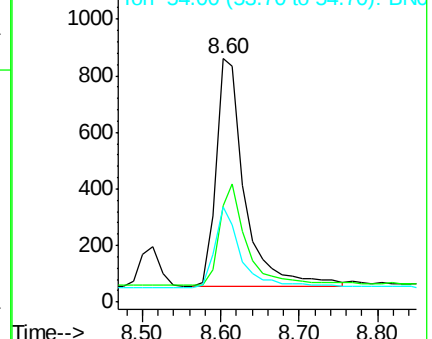
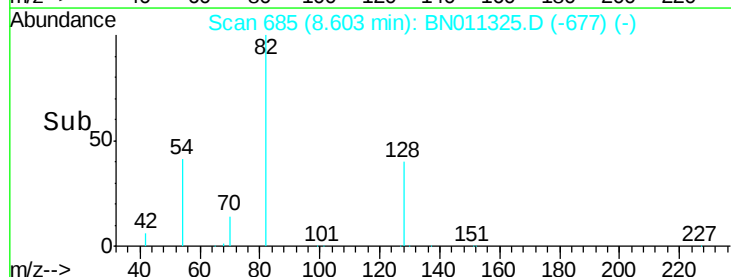
54 39.1 29.0 43.6

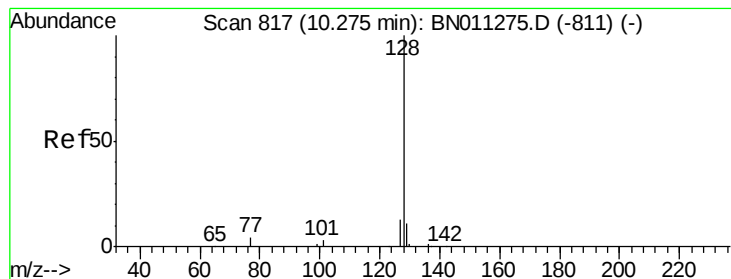


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.311 ng

RT: 10.26 min Scan# 816

Delta R.T. 0.00 min

Lab File: BN011325.D

Acq: 31 Jul 2020 13:29

Instrument :

BNA_N

ClientSampleId :

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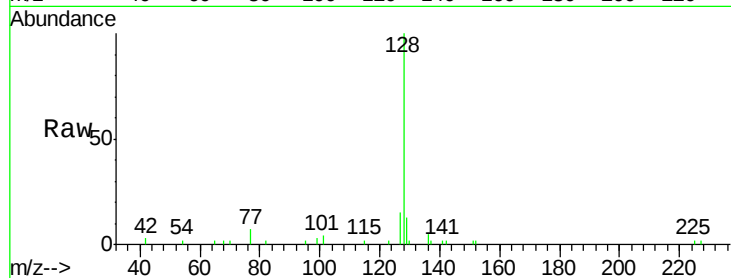
Tot Ion:128 Resp: 5245

Ion Ratio Lower Upper

128 100

129 12.7 9.7 14.5

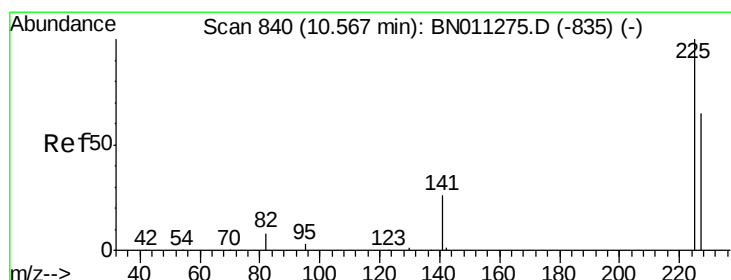
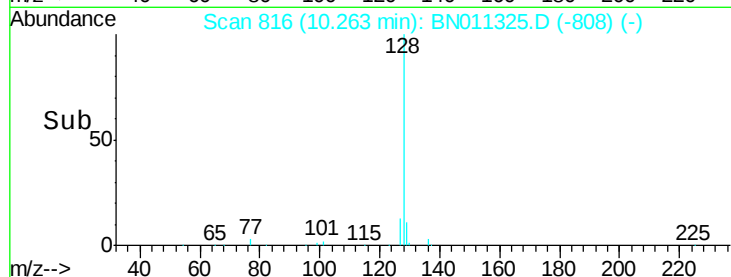
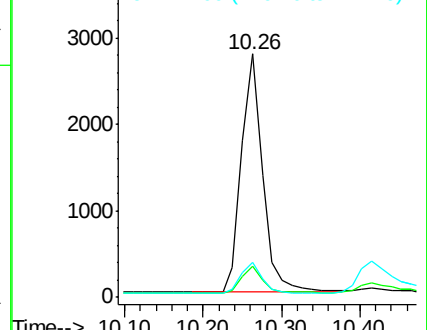
127 14.6 11.5 17.3



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: 0.281 ng

RT: 10.55 min Scan# 839

Delta R.T. 0.00 min

Lab File: BN011325.D

Acq: 31 Jul 2020 13:29

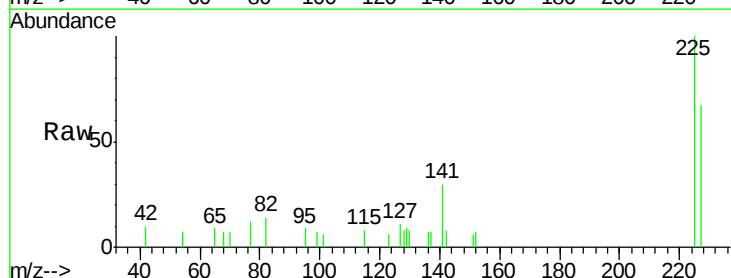
Tgt Ion:225 Resp: 1146

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

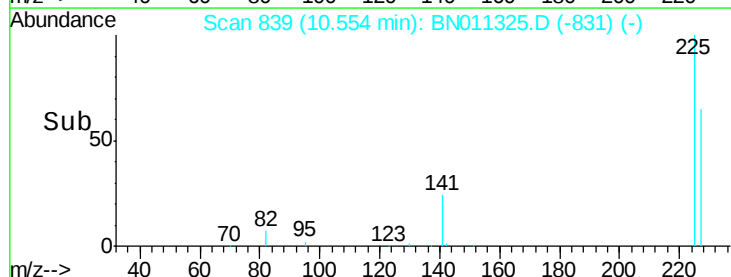
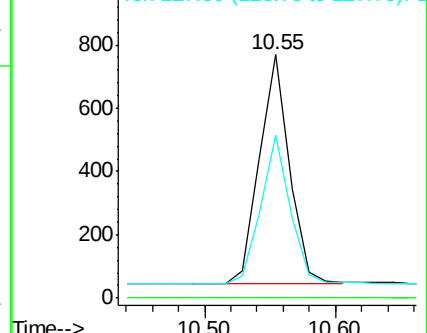
227 63.8 51.7 77.5

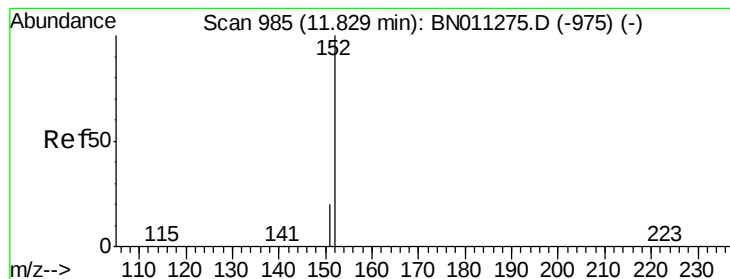


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.319 ng

RT: 11.81 min Scan# 981

Delta R.T. 0.00 min

Lab File: BN011325.D

Acq: 31 Jul 2020 13:29

Instrument :

BNA_N

ClientSampleId :

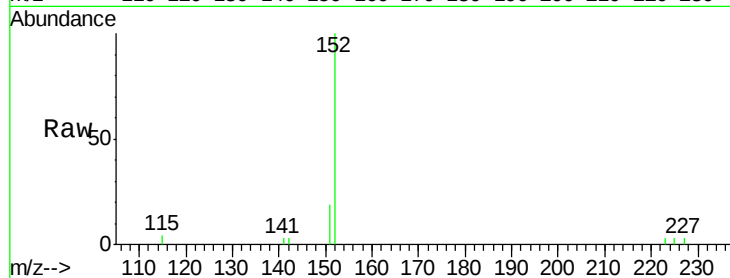
PB130596BS

Tot Ion:152 Resp: 3309

Ion Ratio Lower Upper

152 100

151 18.6 16.6 24.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.81

1500

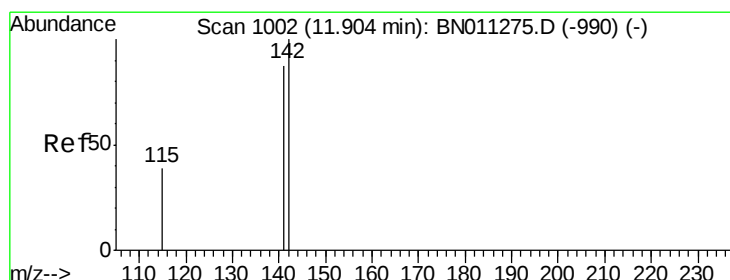
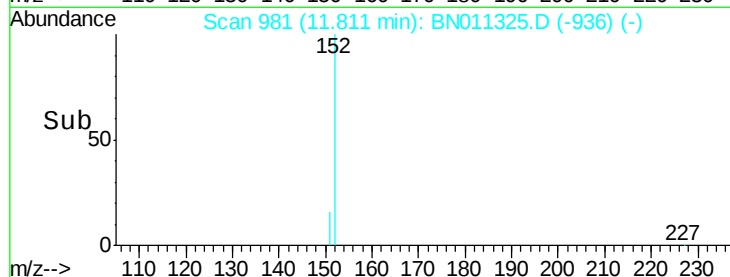
1000

500

0

Time-->

11.70 11.80 11.90



#12

2-Methylnaphthalene

Concen: 0.301 ng

RT: 11.89 min Scan# 998

Delta R.T. 0.00 min

Lab File: BN011325.D

Acq: 31 Jul 2020 13:29

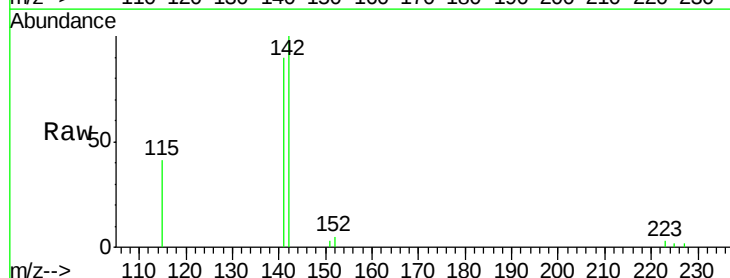
Tgt Ion:142 Resp: 3595

Ion Ratio Lower Upper

142 100

141 90.4 69.6 104.4

115 41.1 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

11.89

2500

2000

1500

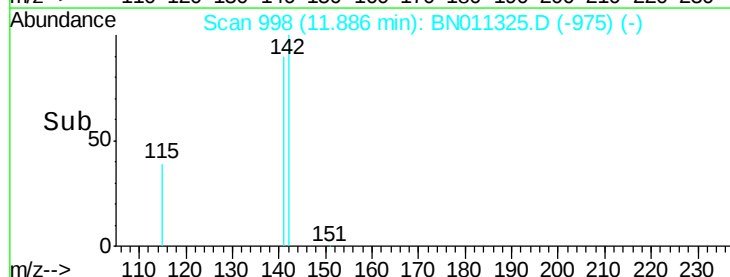
1000

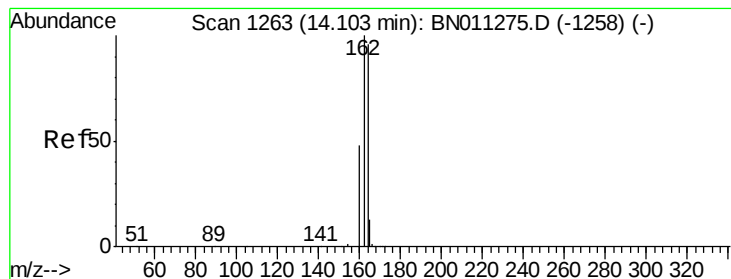
500

0

Time-->

11.80 11.90 12.00





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.09 min Scan# 1262

Delta R.T. 0.00 min

Lab File: BN011325.D

Acq: 31 Jul 2020 13:29

Instrument :

BNA_N

ClientSampleId :

PB130596BS

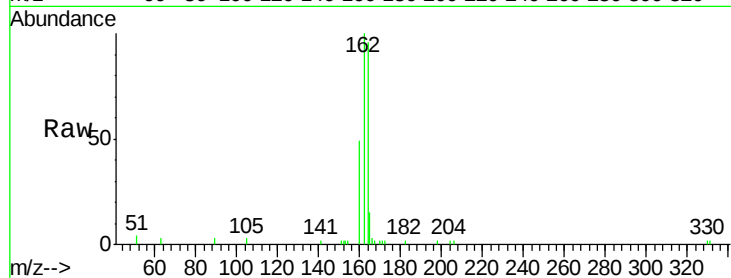
Tot Ion:164 Resp: 3380

Ion Ratio Lower Upper

164 100

162 103.6 83.6 125.4

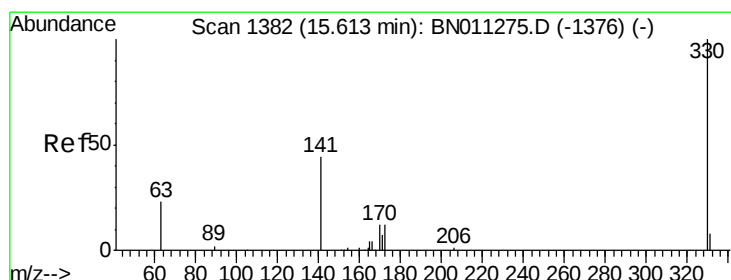
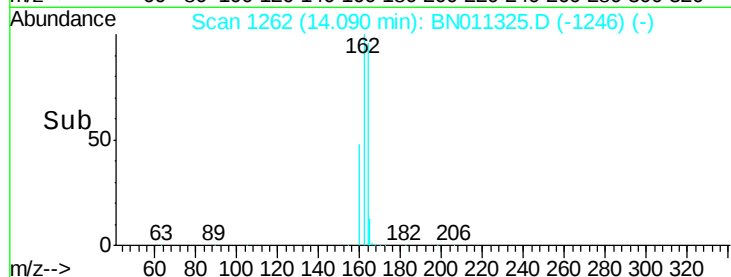
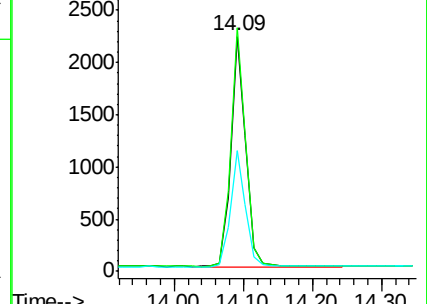
160 51.1 41.2 61.8



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: 0.344 ng

RT: 15.60 min Scan# 1381

Delta R.T. 0.00 min

Lab File: BN011325.D

Acq: 31 Jul 2020 13:29

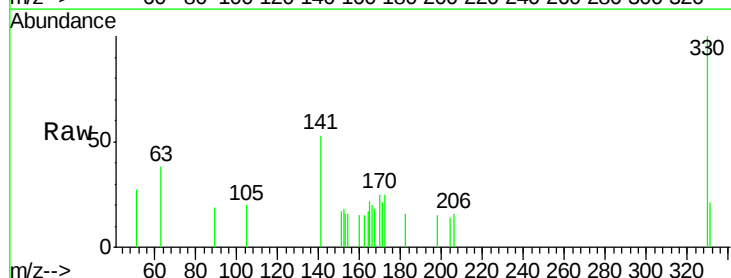
Tgt Ion:330 Resp: 536

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

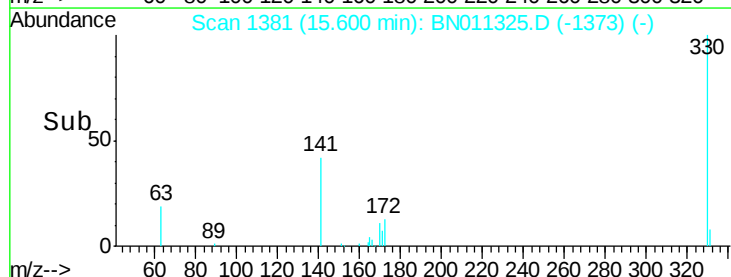
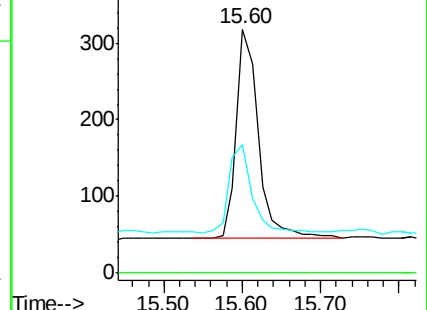
141 44.8 34.2 51.2

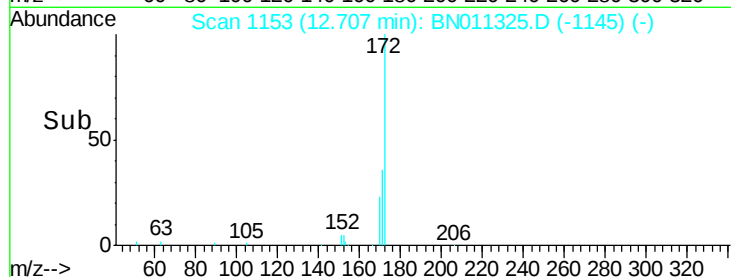
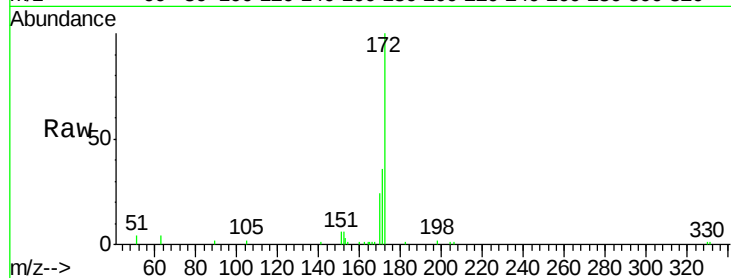
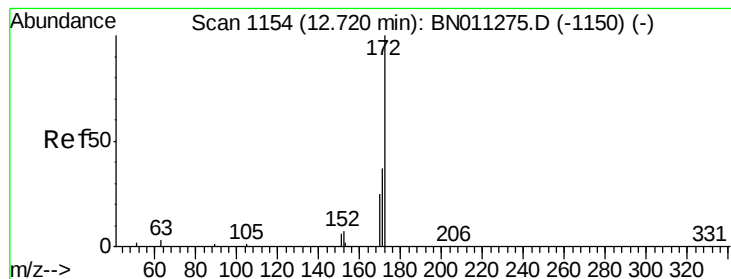


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.426 ng

RT: 12.71 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BN011325.D

Acq: 31 Jul 2020 13:29

Instrument :

BNA_N

ClientSampleId :

PB130596BS

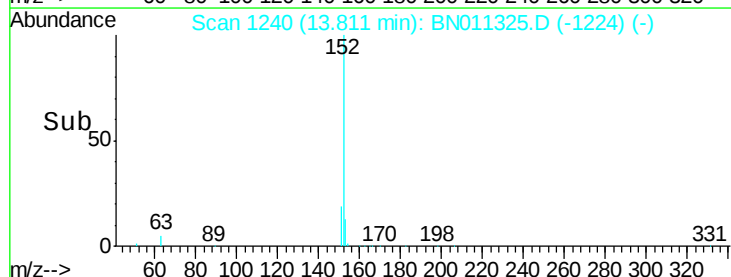
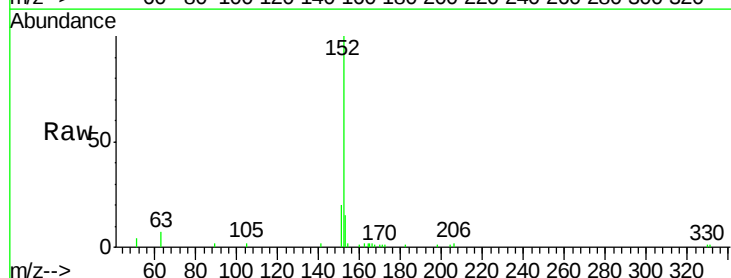
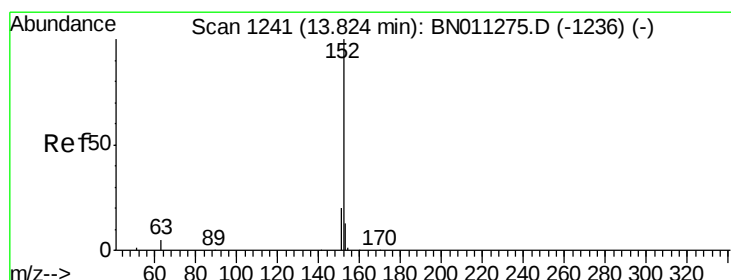
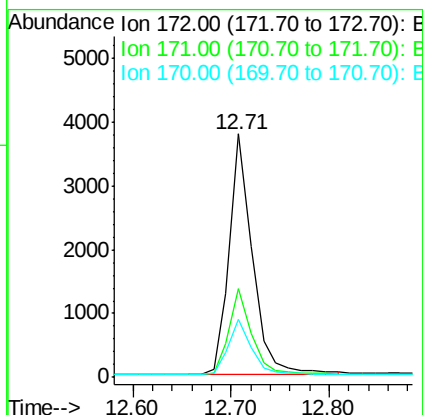
Tot Ion:172 Resp: 6213

Ion Ratio Lower Upper

172 100

171 36.5 30.6 46.0

170 23.8 21.0 31.4



#16

Acenaphthylene

Concen: 0.304 ng

RT: 13.81 min Scan# 1240

Delta R.T. 0.00 min

Lab File: BN011325.D

Acq: 31 Jul 2020 13:29

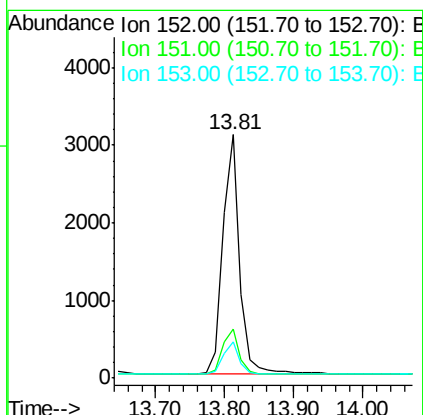
Tgt Ion:152 Resp: 5294

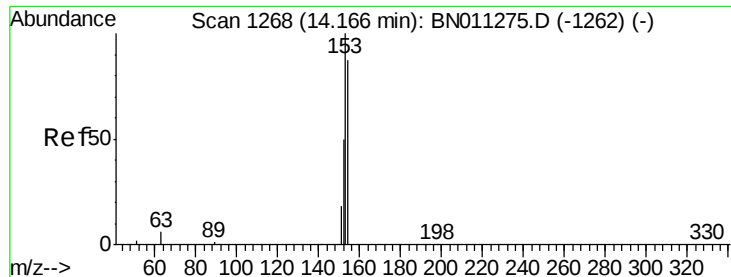
Ion Ratio Lower Upper

152 100

151 19.0 15.8 23.8

153 13.1 10.2 15.4





#17

Acenaphthene

Concen: 0.298 ng

RT: 14.15 min Scan# 1267

Delta R.T. 0.00 min

Lab File: BN011325.D

Acq: 31 Jul 2020 13:29

Instrument :

BNA_N

ClientSampleId :

PB130596BS

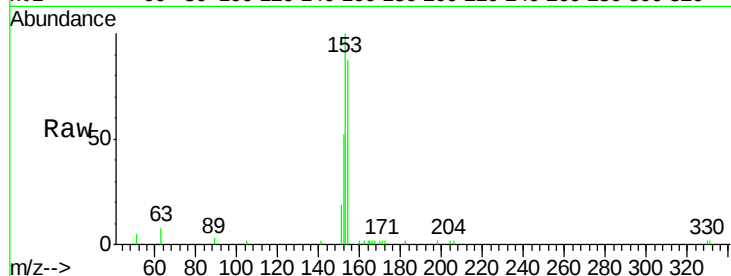
Tot Ion:154 Resp: 3378

Ion Ratio Lower Upper

154 100

153 114.8 91.3 136.9

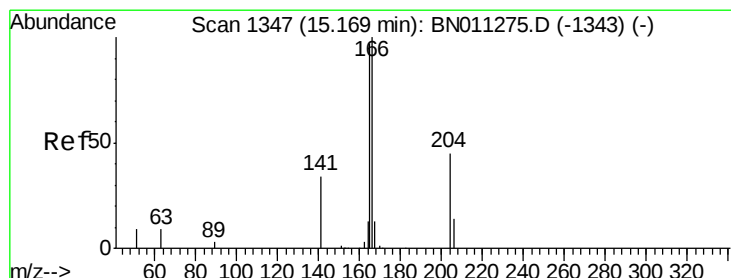
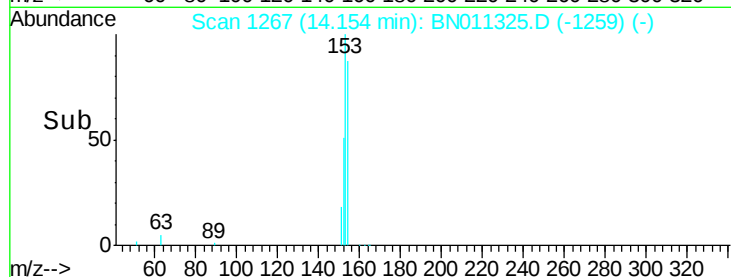
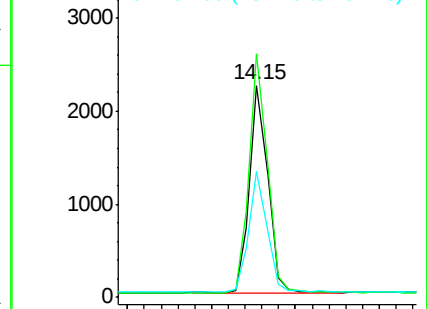
152 59.1 45.8 68.6



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: 0.317 ng

RT: 15.16 min Scan# 1346

Delta R.T. 0.00 min

Lab File: BN011325.D

Acq: 31 Jul 2020 13:29

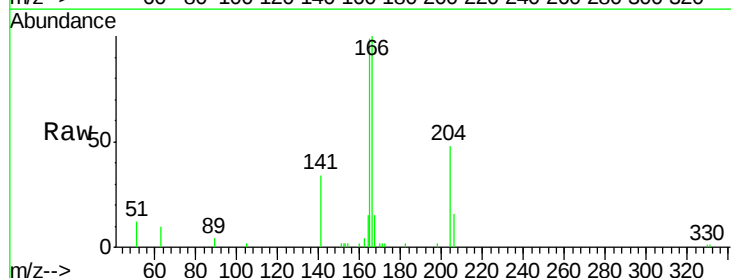
Tgt Ion:166 Resp: 4622

Ion Ratio Lower Upper

166 100

165 98.7 79.6 119.4

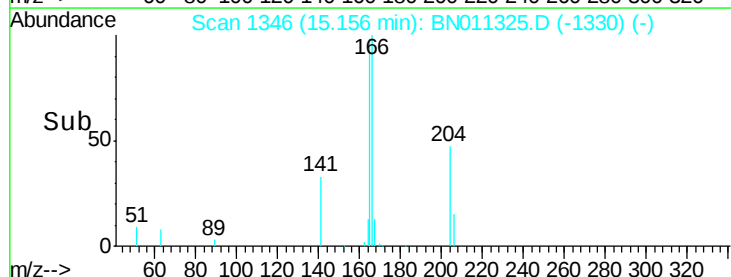
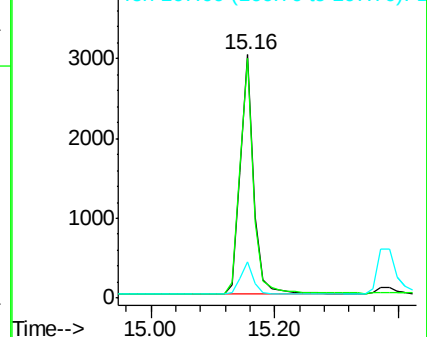
167 13.7 10.8 16.2

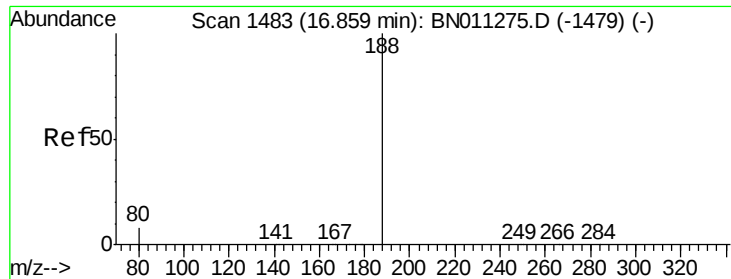


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.85 min Scan# 1482

Delta R.T. 0.00 min

Lab File: BN011325.D

Acq: 31 Jul 2020 13:29

Instrument :

BNA_N

ClientSampleId :

PB130596BS

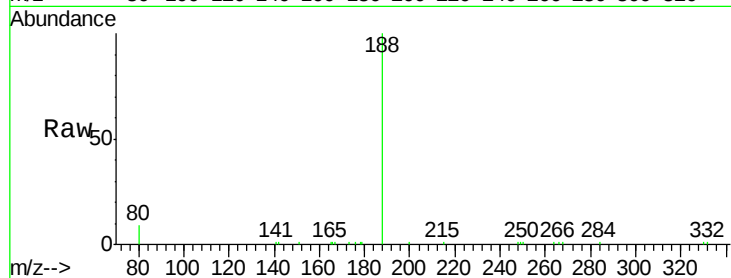
Tot Ion:188 Resp: 8198

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

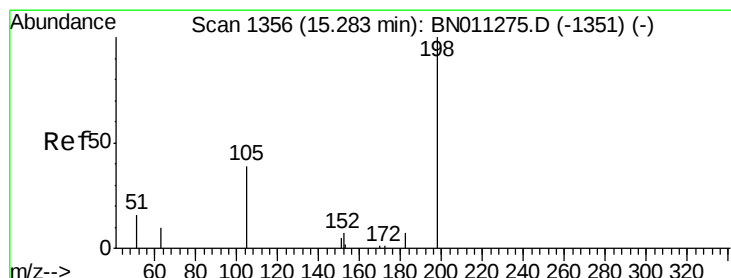
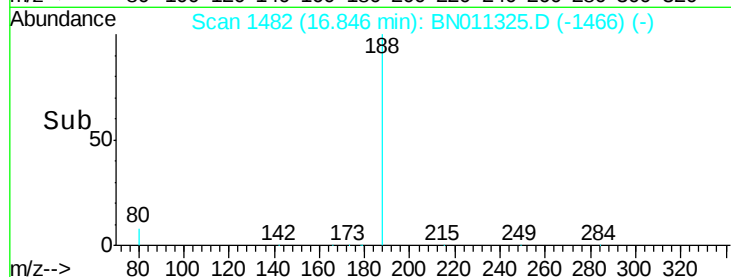
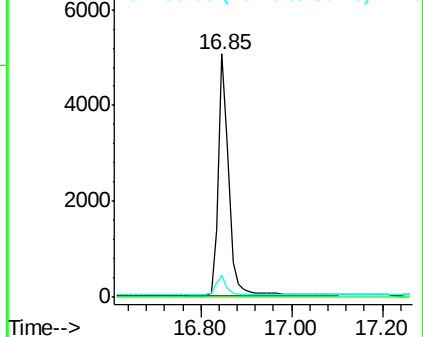
80 8.9 7.4 11.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNO

Ion 80.00 (79.70 to 80.70): BNO



#20

4,6-Dinitro-2-methylphenol

Concen: 0.408 ng

RT: 15.27 min Scan# 1355

Delta R.T. 0.00 min

Lab File: BN011325.D

Acq: 31 Jul 2020 13:29

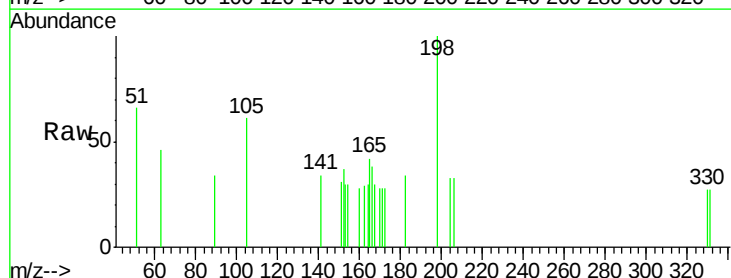
Tgt Ion:198 Resp: 368

Ion Ratio Lower Upper

198 100

51 65.7 49.0 73.6

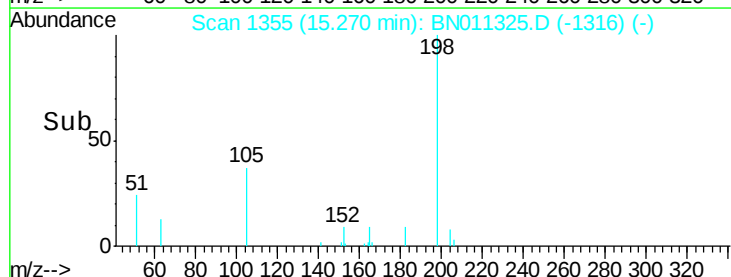
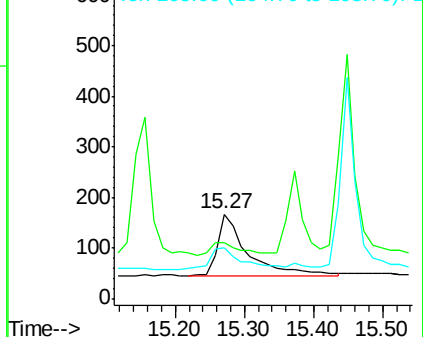
105 60.8 53.8 80.6

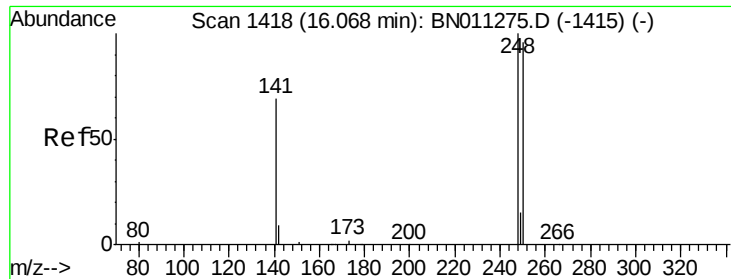


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNO

Ion 105.00 (104.70 to 105.70): E

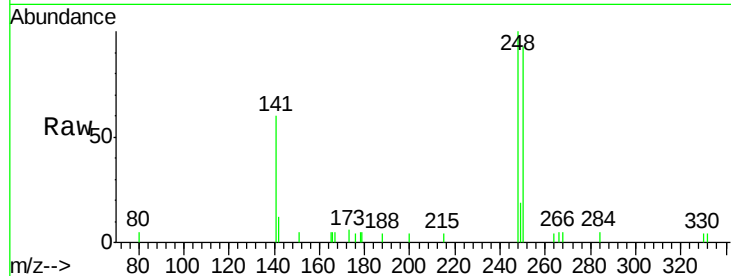




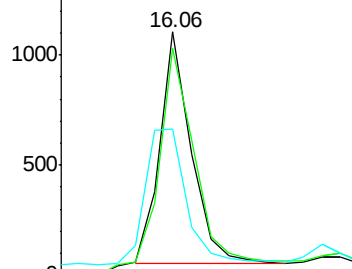
#21
4-Bromophenyl-phenylether
Concen: 0.271 ng
RT: 16.06 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BN011325.D
Acq: 31 Jul 2020 13:29

Instrument :
BNA_N
ClientSampleId :
PB130596BS

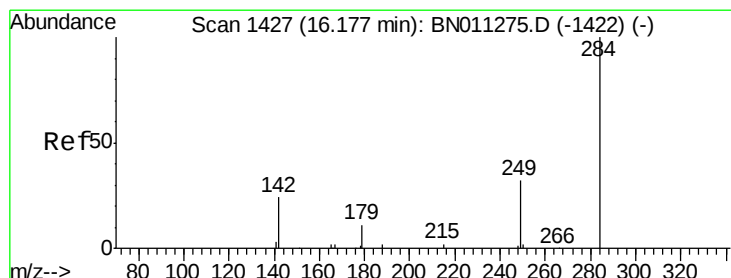
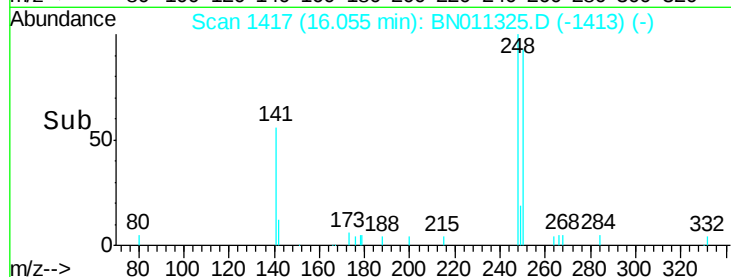
Tot Ion:248 Resp: 1474
Ion Ratio Lower Upper
248 100
250 93.5 77.2 115.8
141 60.1 56.5 84.7



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

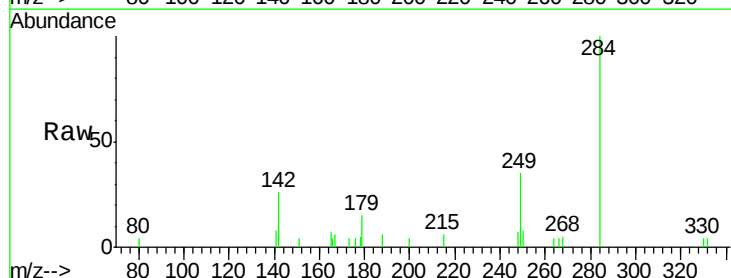


Time-->

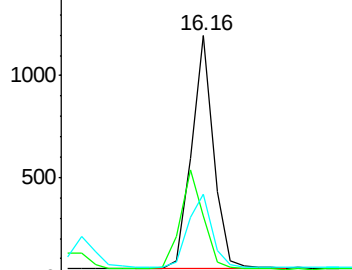


#22
Hexachlorobenzene
Concen: 0.257 ng
RT: 16.16 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BN011325.D
Acq: 31 Jul 2020 13:29

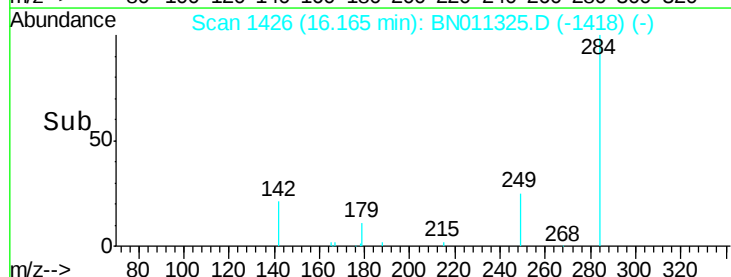
Tgt Ion:284 Resp: 1585
Ion Ratio Lower Upper
284 100
142 44.8 32.8 49.2
249 34.1 26.6 40.0

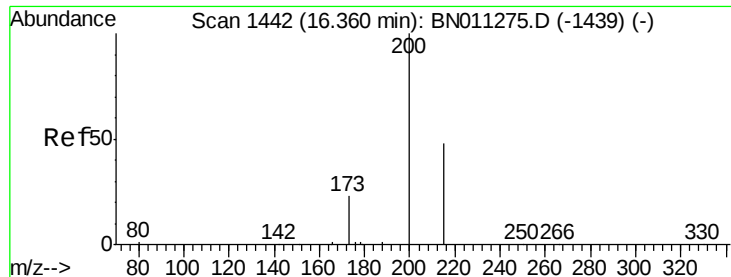


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



Time-->





#23

Atrazine

Concen: 0.266 ng

RT: 16.35 min Scan# 1441

Delta R.T. 0.00 min

Lab File: BN011325.D

Acq: 31 Jul 2020 13:29

Instrument :

BNA_N

ClientSampleId :

PB130596BS

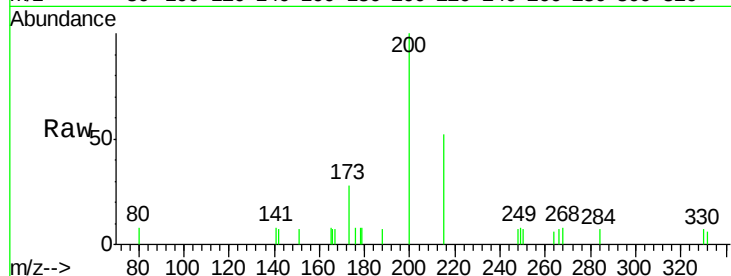
Tot Ion:200 Resp: 1125

Ion Ratio Lower Upper

200 100

173 28.3 22.0 33.0

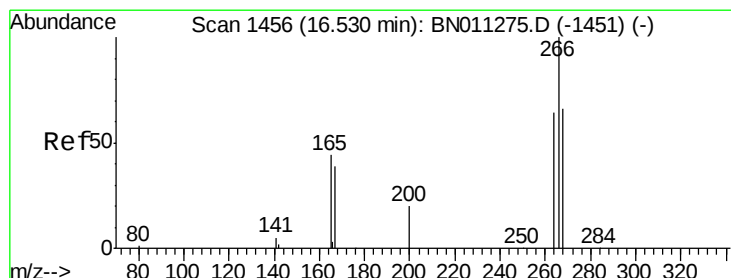
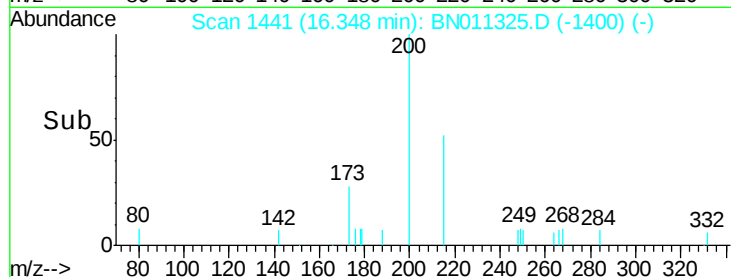
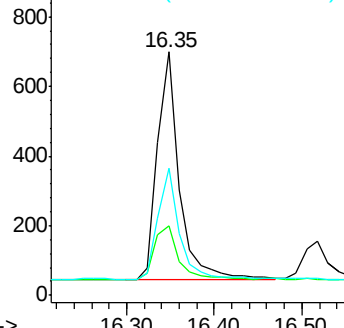
215 52.4 41.1 61.7



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: 0.561 ng

RT: 16.52 min Scan# 1455

Delta R.T. 0.00 min

Lab File: BN011325.D

Acq: 31 Jul 2020 13:29

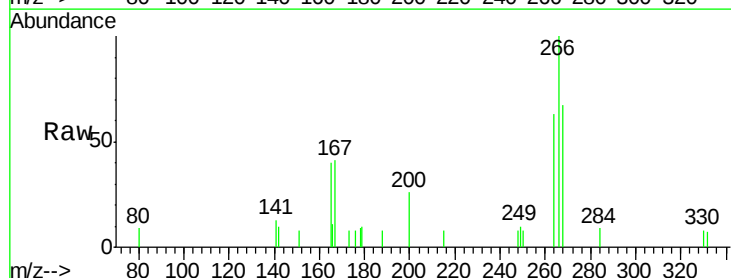
Tgt Ion:266 Resp: 1072

Ion Ratio Lower Upper

266 100

264 62.7 51.1 76.7

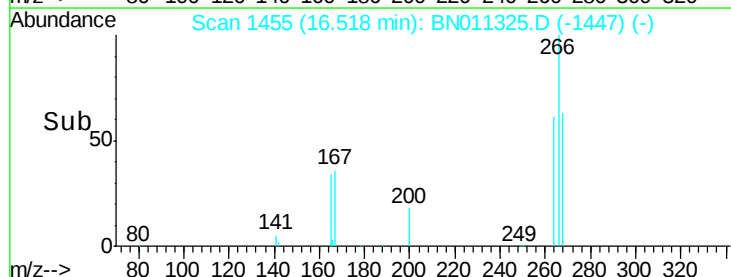
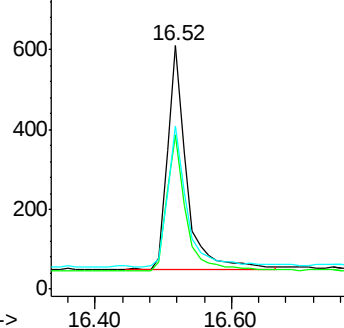
268 64.5 55.5 83.3

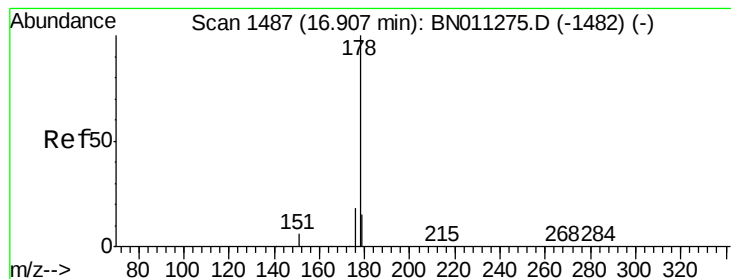


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Phenanthrene

Concen: 0.295 ng

RT: 16.90 min Scan# 1486

Delta R.T. 0.00 min

Lab File: BN011325.D

Acq: 31 Jul 2020 13:29

Instrument :

BNA_N

ClientSampleId :

PB130596BS

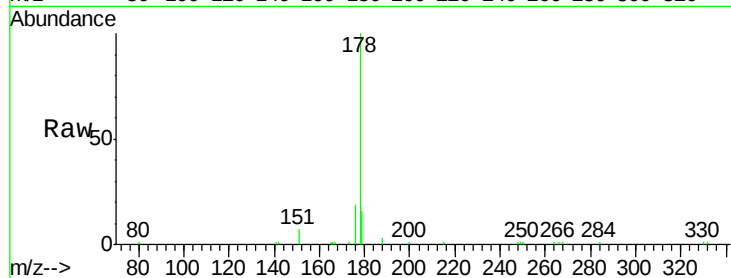
Tot Ion:178 Resp: 7864

Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

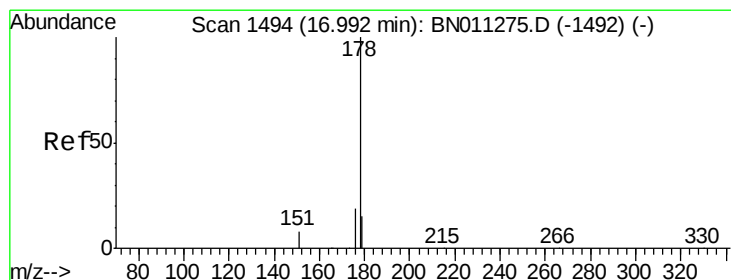
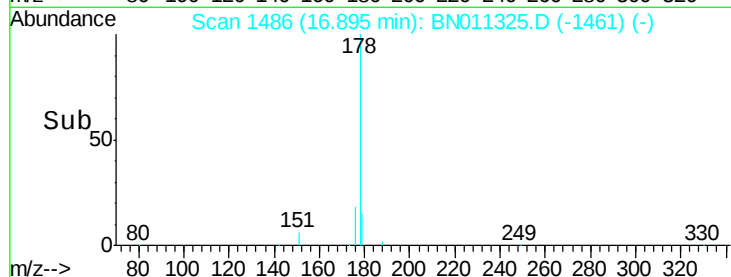
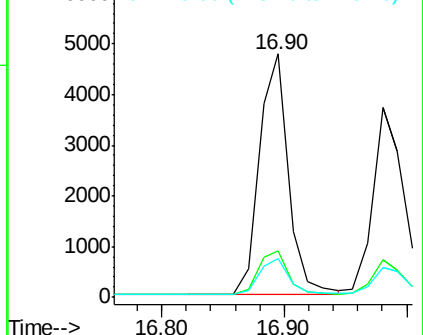
179 15.2 12.2 18.4



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: 0.304 ng

RT: 16.98 min Scan# 1493

Delta R.T. 0.00 min

Lab File: BN011325.D

Acq: 31 Jul 2020 13:29

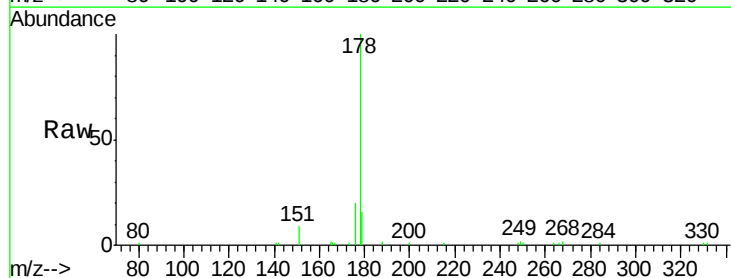
Tgt Ion:178 Resp: 6736

Ion Ratio Lower Upper

178 100

176 18.2 15.0 22.6

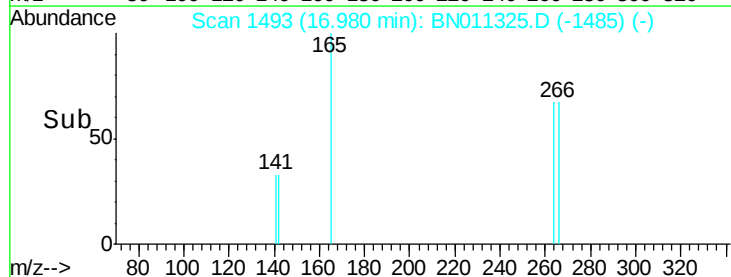
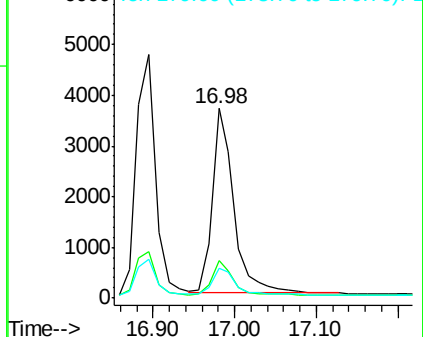
179 15.3 12.1 18.1

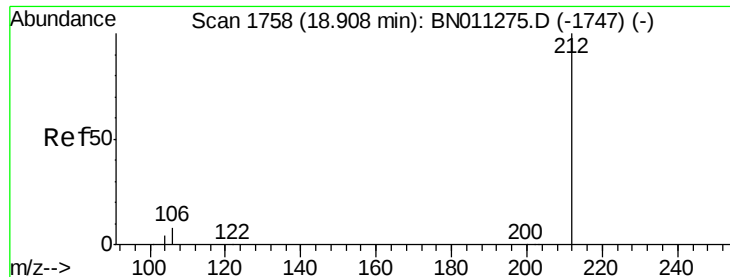


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

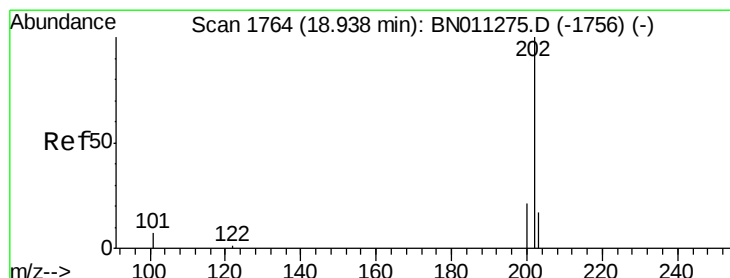
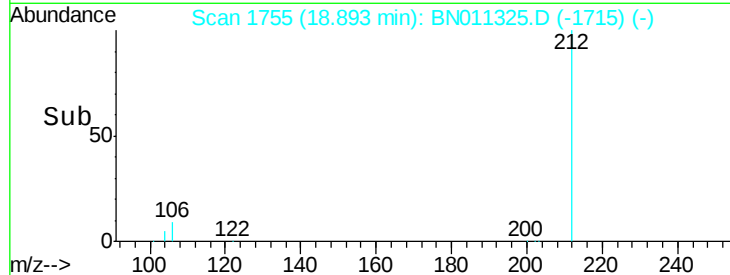
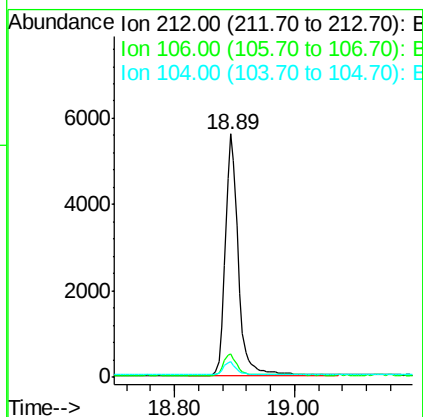
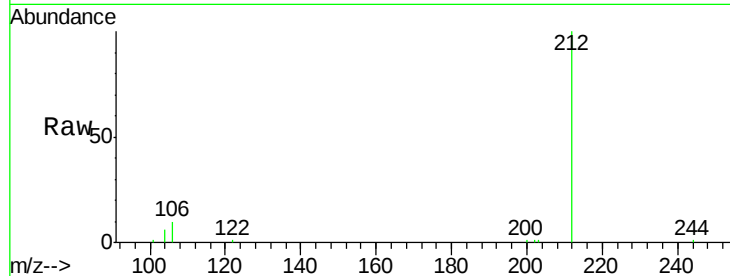




#27
 Fluoranthene-d10
 Concen: 0.336 ng
 RT: 18.89 min Scan# 1755
 Delta R.T. 0.00 min
 Lab File: BN011325.D
 Acq: 31 Jul 2020 13:29

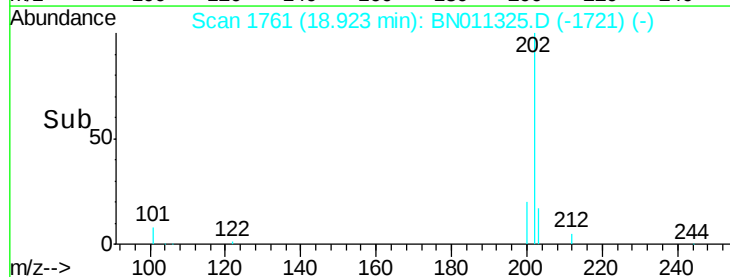
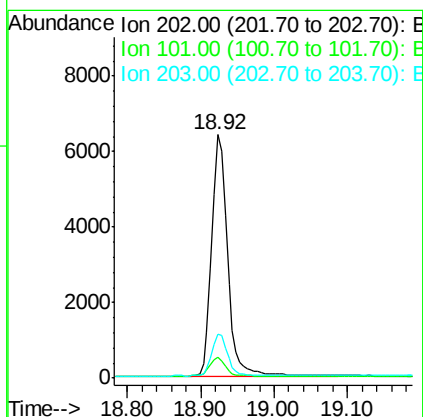
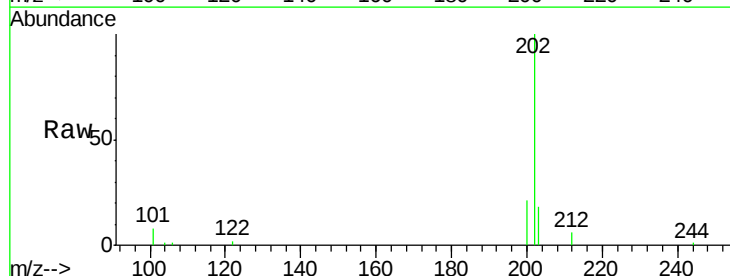
Instrument :
 BNA_N
 ClientSampleId :
 PB130596BS

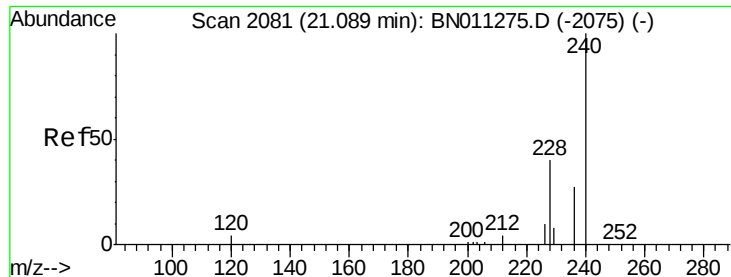
Tot Ion:212 Resp: 8409
 Ion Ratio Lower Upper
 212 100
 106 9.0 6.9 10.3
 104 5.3 4.2 6.2



#28
 Fluoranthene
 Concen: 0.317 ng
 RT: 18.92 min Scan# 1761
 Delta R.T. 0.00 min
 Lab File: BN011325.D
 Acq: 31 Jul 2020 13:29

Tgt Ion:202 Resp: 9606
 Ion Ratio Lower Upper
 202 100
 101 7.5 5.9 8.9
 203 17.4 13.7 20.5





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.07 min Scan# 2079

Delta R.T. 0.00 min

Lab File: BN011325.D

Acq: 31 Jul 2020 13:29

Instrument :

BNA_N

ClientSampleId :

PB130596BS

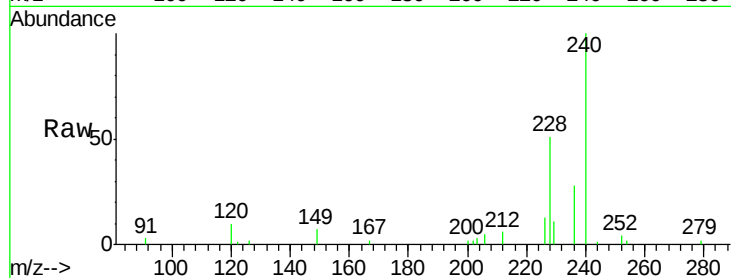
Tot Ion:240 Resp: 8548

Ion Ratio Lower Upper

240 100

120 10.1 5.8 8.8#

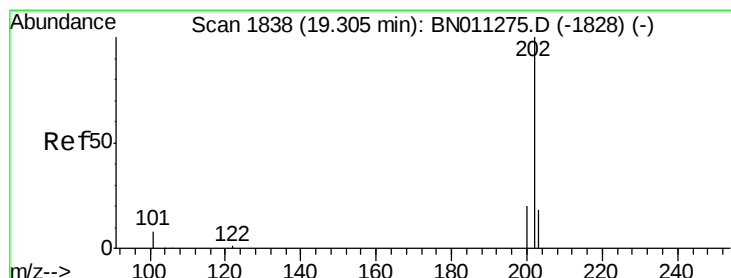
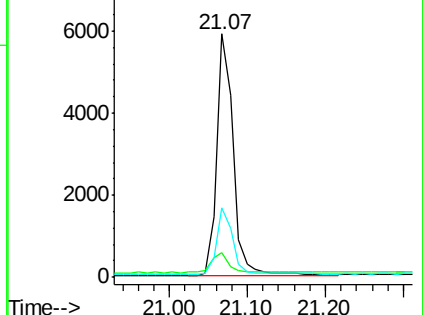
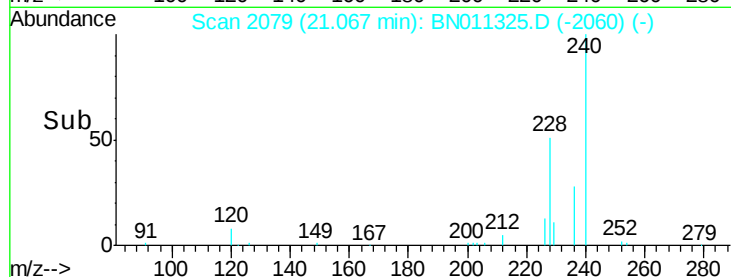
236 28.4 22.7 34.1



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: 0.249 ng

RT: 19.29 min Scan# 1835

Delta R.T. 0.00 min

Lab File: BN011325.D

Acq: 31 Jul 2020 13:29

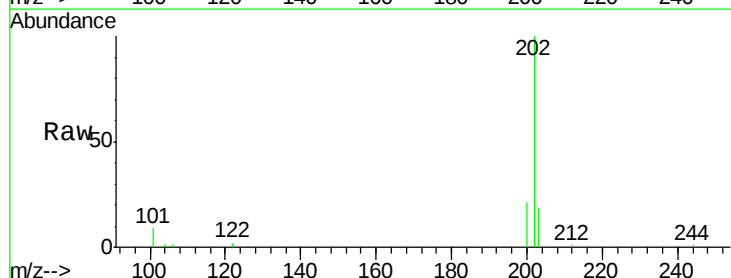
Tgt Ion:202 Resp: 9587

Ion Ratio Lower Upper

202 100

200 20.6 16.3 24.5

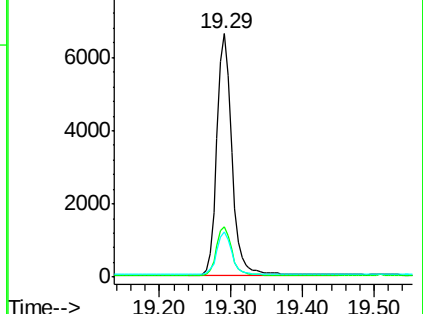
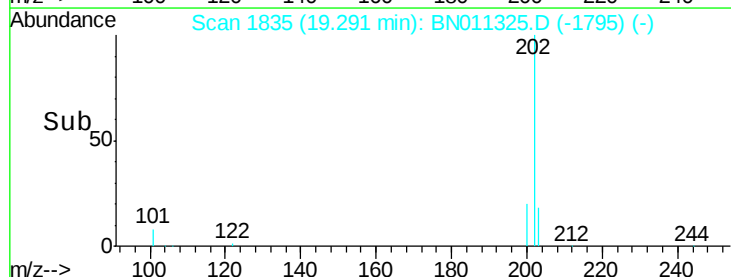
203 18.2 14.1 21.1

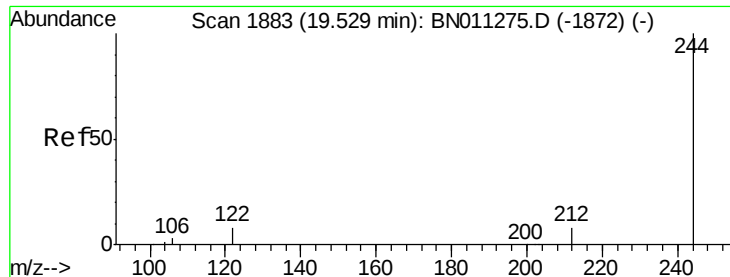


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#31

Terphenyl-d14

Concen: 0.361 ng

RT: 19.51 min Scan# 1880

Delta R.T. 0.00 min

Lab File: BN011325.D

Acq: 31 Jul 2020 13:29

Instrument :

BNA_N

ClientSampleId :

PB130596BS

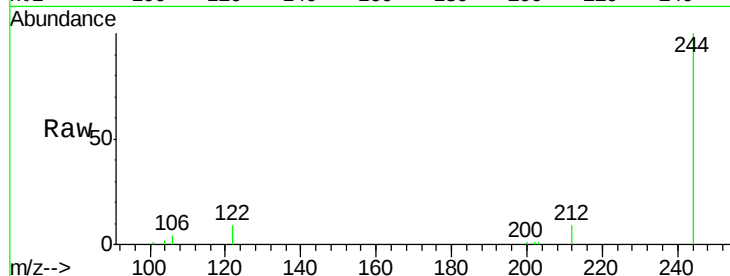
Tot Ion:244 Resp: 9336

Ion Ratio Lower Upper

244 100

212 9.1 7.6 11.4

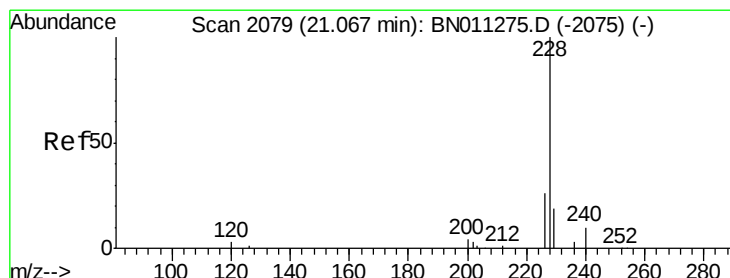
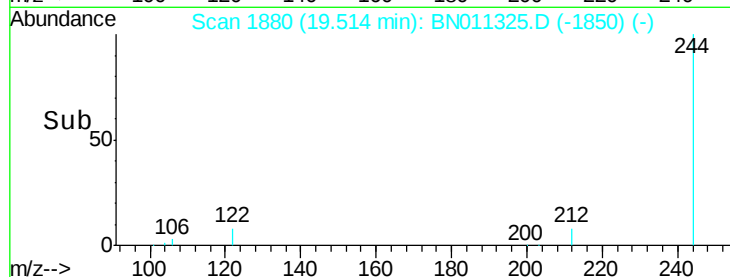
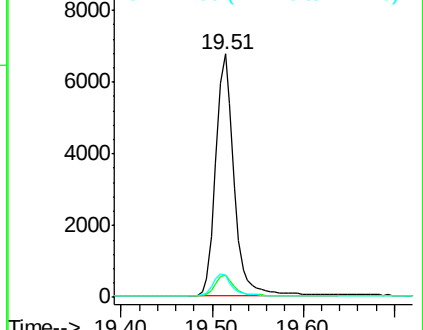
122 9.2 7.5 11.3



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: 0.322 ng

RT: 21.06 min Scan# 2078

Delta R.T. 0.00 min

Lab File: BN011325.D

Acq: 31 Jul 2020 13:29

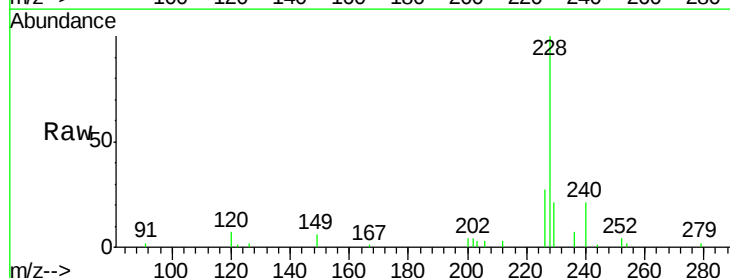
Tgt Ion:228 Resp: 9233

Ion Ratio Lower Upper

228 100

226 27.0 21.6 32.4

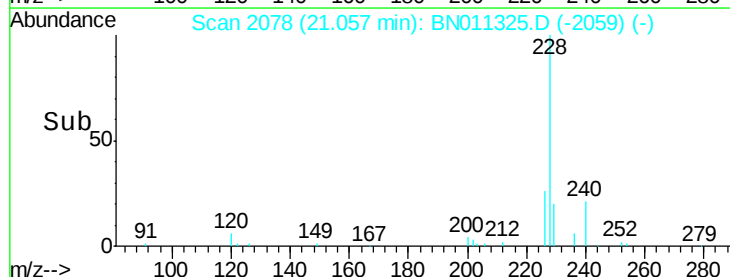
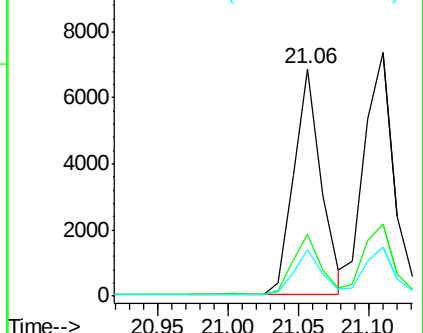
229 20.6 16.0 24.0

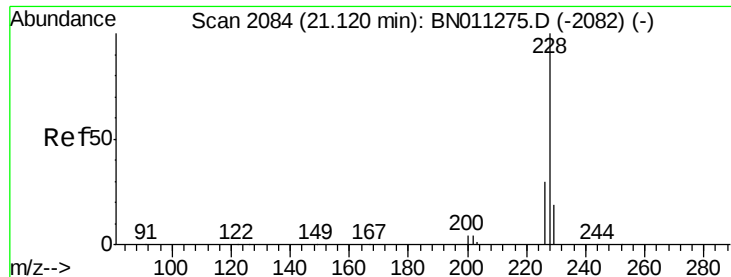


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Chrysene

Concen: 0.332 ng

RT: 21.11 min Scan# 2083

Delta R.T. 0.00 min

Lab File: BN011325.D

Acq: 31 Jul 2020 13:29

Instrument :

BNA_N

ClientSampleId :

PB130596BS

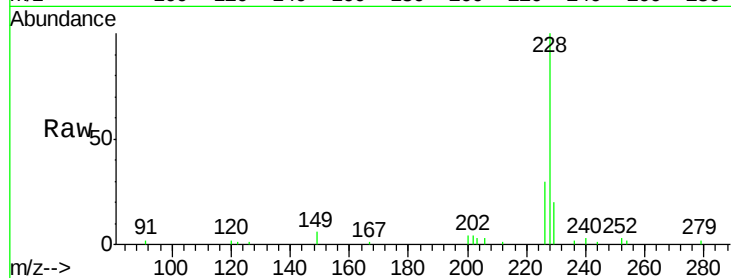
Tot Ion:228 Resp: 10663

Ion Ratio Lower Upper

228 100

226 29.5 24.3 36.5

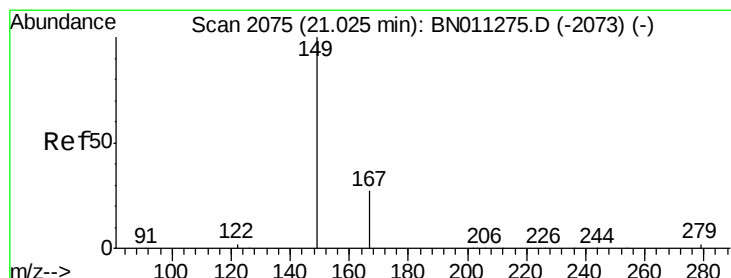
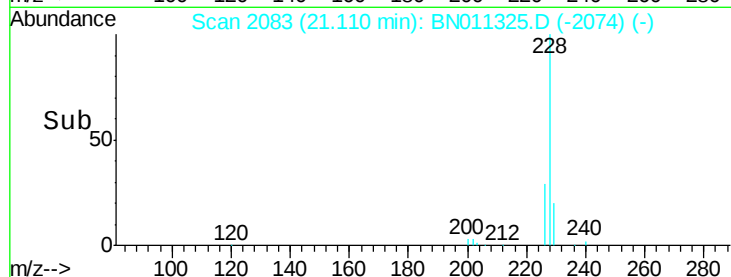
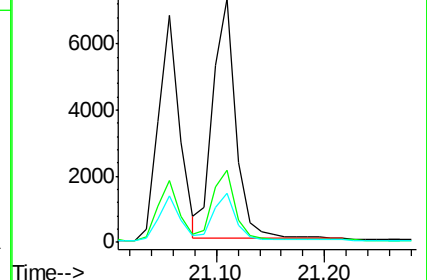
229 20.3 15.9 23.9



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: 0.248 ng

RT: 21.01 min Scan# 2074

Delta R.T. 0.00 min

Lab File: BN011325.D

Acq: 31 Jul 2020 13:29

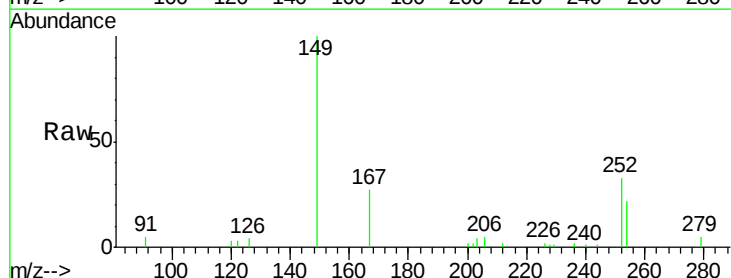
Tgt Ion:149 Resp: 3805

Ion Ratio Lower Upper

149 100

167 27.3 21.7 32.5

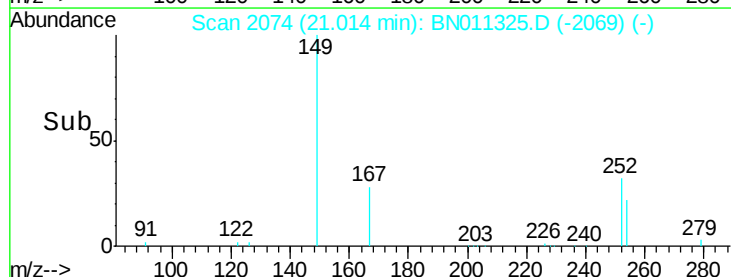
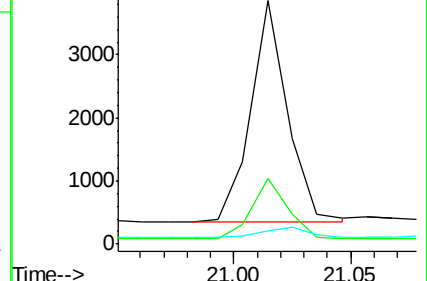
279 5.3 3.9 5.9

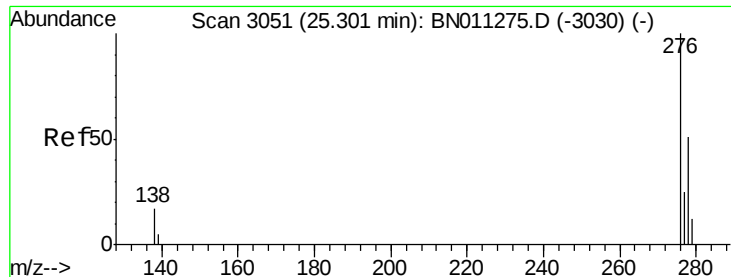


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

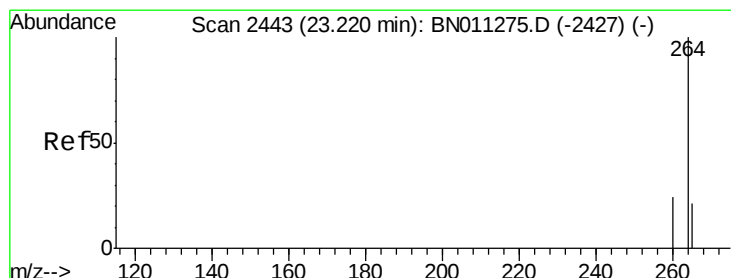
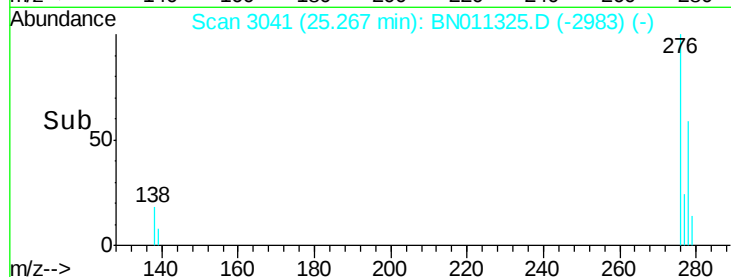
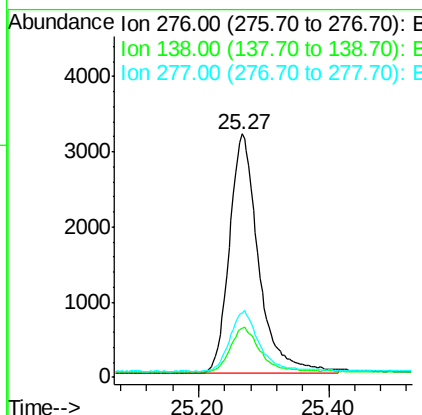
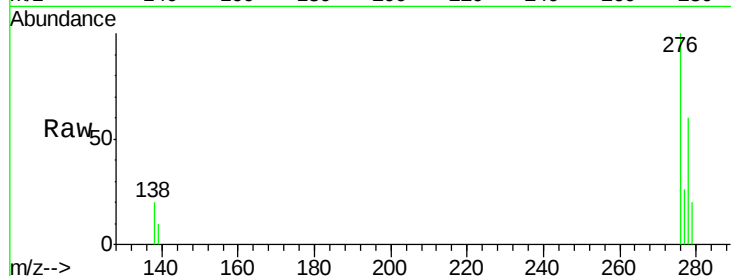




#35
 Indeno(1,2,3-cd)pyrene
 Concen: 0.320 ng
 RT: 25.27 min Scan# 3041
 Delta R.T. 0.00 min
 Lab File: BN011325.D
 Acq: 31 Jul 2020 13:29

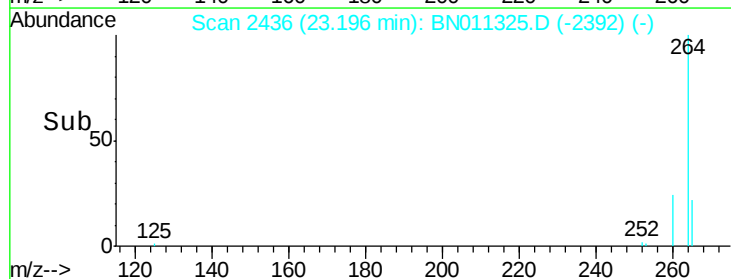
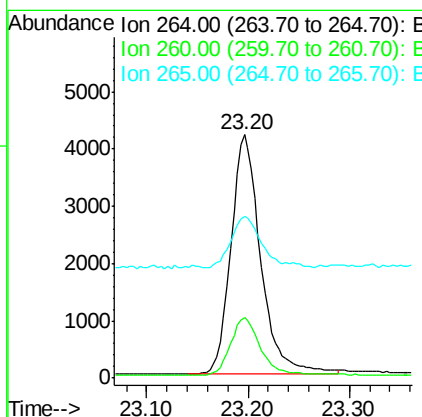
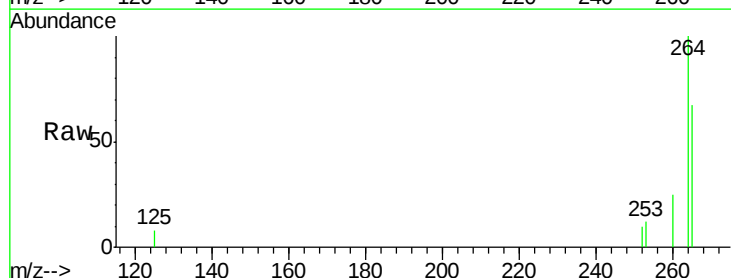
Instrument :
 BNA_N
 ClientSampleId :
 PB130596BS

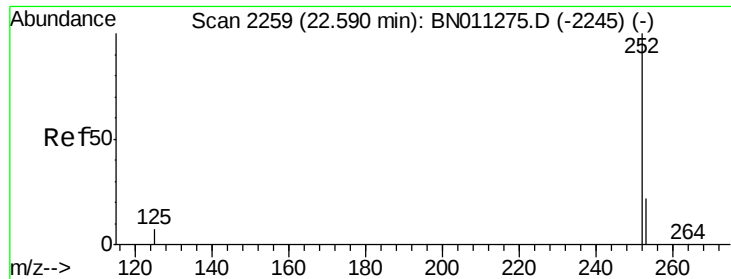
Tot Ion:276 Resp: 10035
 Ion Ratio Lower Upper
 276 100
 138 18.4 13.6 20.4
 277 25.6 19.7 29.5



#36
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.20 min Scan# 2436
 Delta R.T. 0.00 min
 Lab File: BN011325.D
 Acq: 31 Jul 2020 13:29

Tgt Ion:264 Resp: 8516
 Ion Ratio Lower Upper
 264 100
 260 24.8 20.1 30.1
 265 66.5 70.7 106.1#

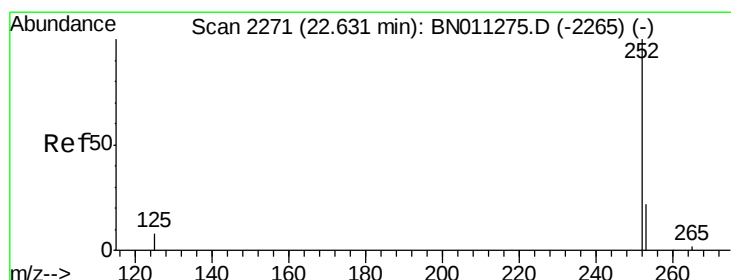
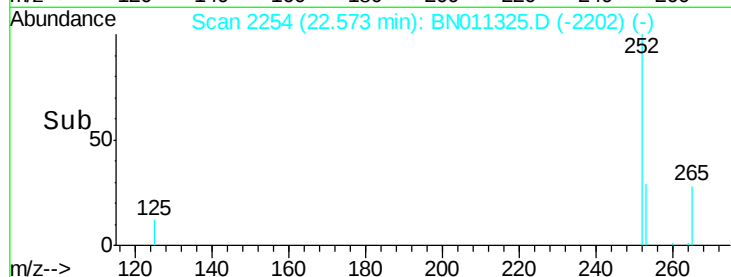
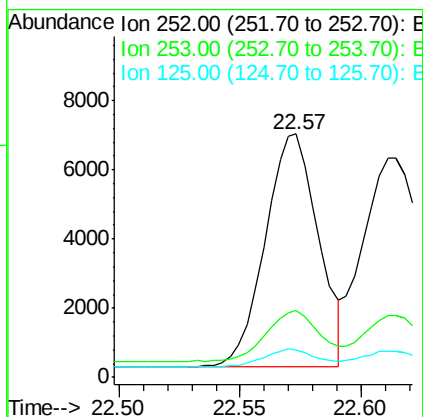
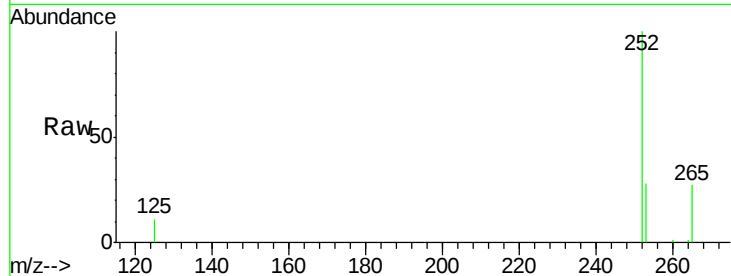




#37
Benzo(b)fluoranthene
Concen: 0.303 ng
RT: 22.57 min Scan# 2254
Delta R.T. 0.00 min
Lab File: BN011325.D
Acq: 31 Jul 2020 13:29

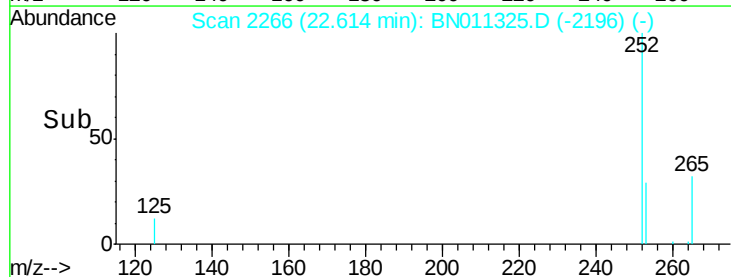
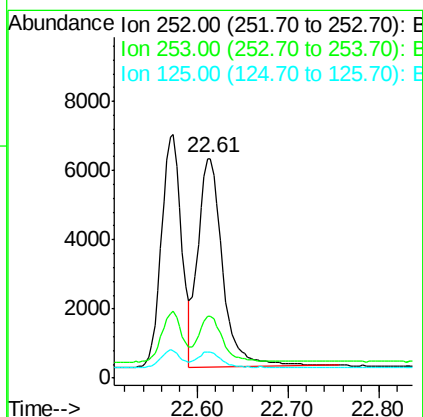
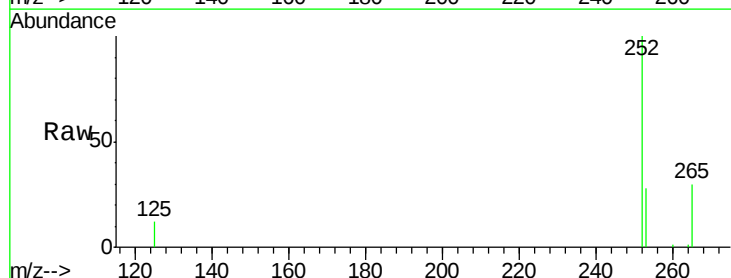
Instrument :
BNA_N
ClientSampleId :
PB130596BS

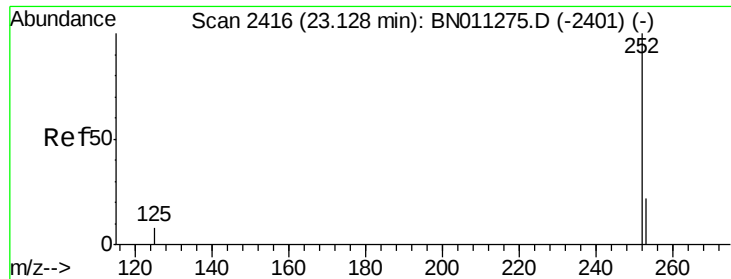
Tot Ion:252 Resp: 10294
Ion Ratio Lower Upper
252 100
253 27.7 23.1 34.7
125 11.3 9.4 14.2



#38
Benzo(k)fluoranthene
Concen: 0.303 ng
RT: 22.61 min Scan# 2266
Delta R.T. 0.00 min
Lab File: BN011325.D
Acq: 31 Jul 2020 13:29

Tgt Ion:252 Resp: 11333
Ion Ratio Lower Upper
252 100
253 28.1 22.9 34.3
125 11.9 11.3 16.9





#39

Benzo(a)pyrene

Concen: 0.299 ng

RT: 23.10 min Scan# 2409

Delta R.T. 0.00 min

Lab File: BN011325.D

Acq: 31 Jul 2020 13:29

Instrument :

BNA_N

ClientSampleId :

PB130596BS

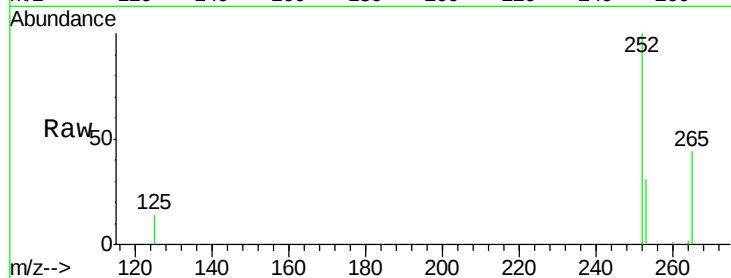
Tot Ion:252 Resp: 8810

Ion Ratio Lower Upper

252 100

253 30.8 26.6 39.8

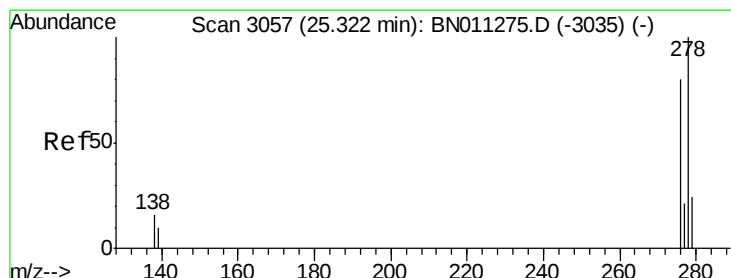
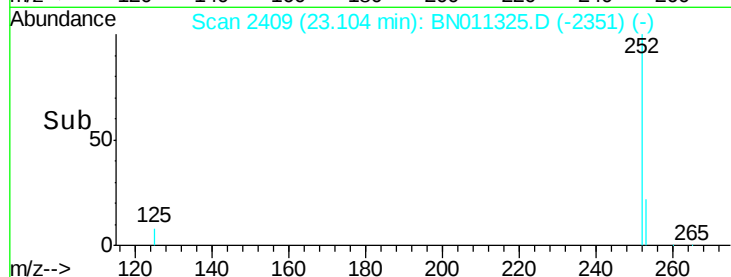
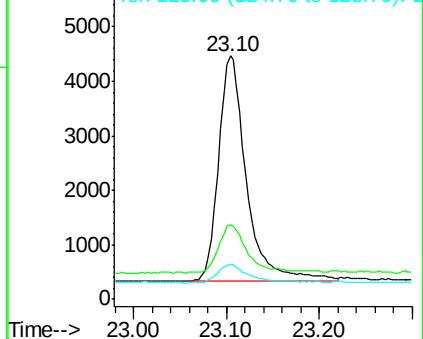
125 14.2 12.7 19.1



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: 0.268 ng

RT: 25.28 min Scan# 3045

Delta R.T. 0.00 min

Lab File: BN011325.D

Acq: 31 Jul 2020 13:29

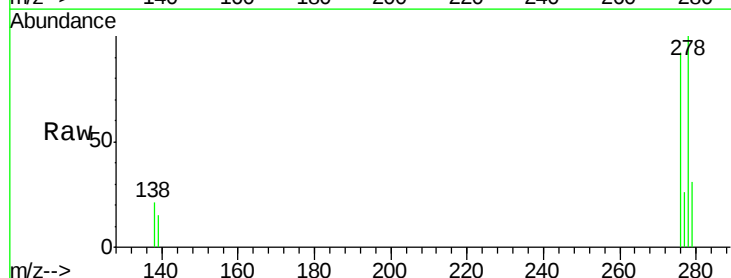
Tgt Ion:278 Resp: 8164

Ion Ratio Lower Upper

278 100

139 14.6 12.4 18.6

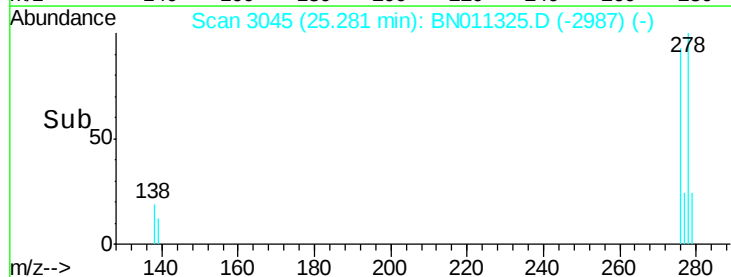
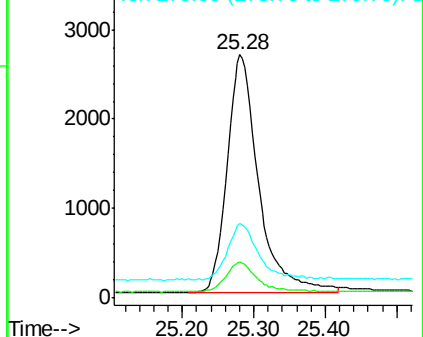
279 30.9 25.8 38.6

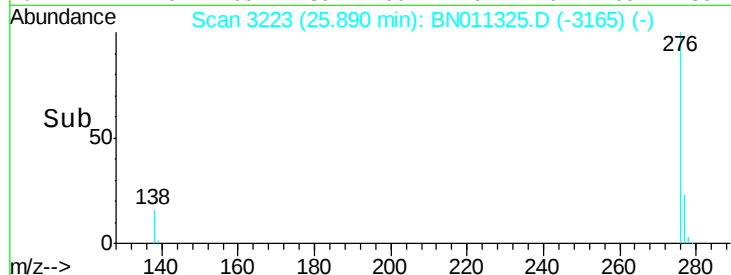
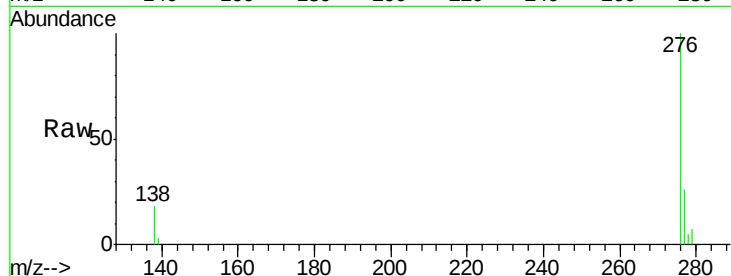
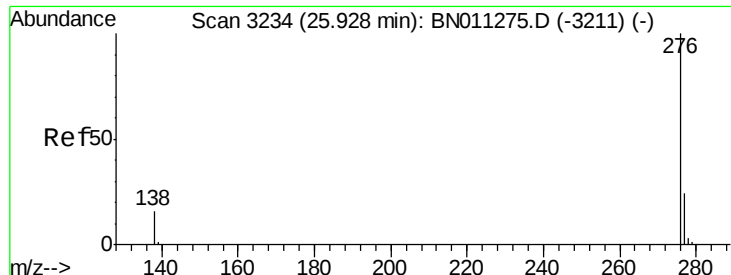


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.275 ng

RT: 25.89 min Scan# 3223

Delta R.T. 0.00 min

Lab File: BN011325.D

Acq: 31 Jul 2020 13:29

Instrument :

BNA_N

ClientSampleId :

PB130596BS

Tot Ion: 276 Resp: 9286

Ion Ratio Lower Upper

276 100

277 25.8 21.0 31.6

138 17.7 15.0 22.6

