

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070220\
 Data File : BN011095.D
 Acq On : 02 Jul 2020 20:41
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Jul 02 21:13:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN063020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 30 14:12:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	1844	0.40	ng	0.00
7) Naphthalene-d8	10.27	136	5512	0.40	ng	0.00
13) Acenaphthene-d10	14.13	164	3098	0.40	ng	0.00
19) Phenanthrene-d10	16.89	188	5952	0.40	ng	-0.01
29) Chrysene-d12	21.10	240	5439	0.40	ng	-0.01
36) Perylene-d12	23.24	264	6166	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	1662	0.36	ng	0.00
5) Phenol-d6	6.72	99	1927	0.37	ng	0.00
8) Nitrobenzene-d5	8.66	82	1895	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	11.86	152	3669	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.64	330	489	0.38	ng	-0.01
15) 2-Fluorobiphenyl	12.76	172	5498	0.38	ng	0.00
27) Fluoranthene-d10	18.93	212	7101	0.39	ng	0.00
31) Terphenyl-d14	19.55	244	6663	0.47	ng	0.00

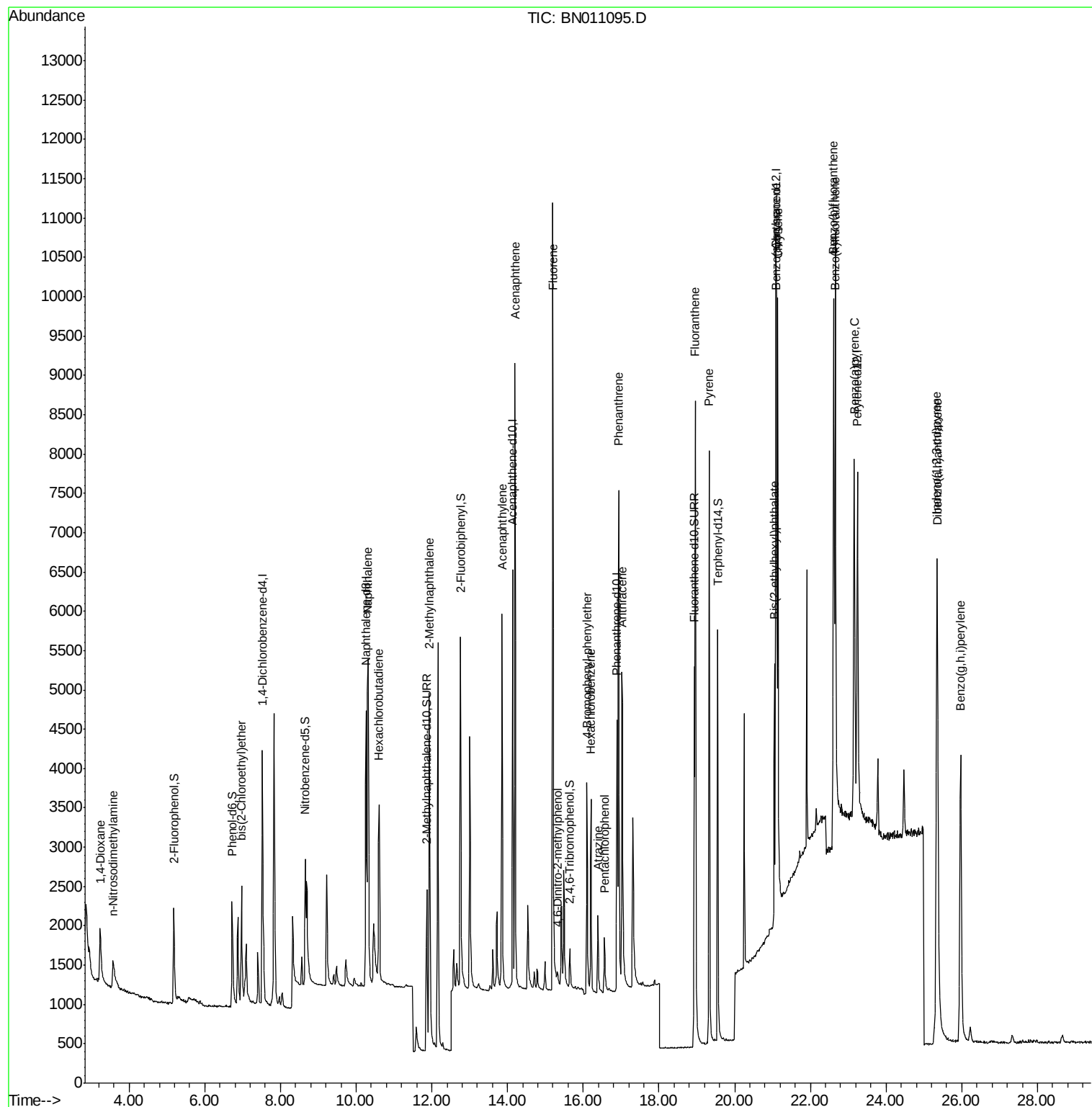
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.24	88	916	0.352	ng	93
3) n-Nitrosodimethylamine	3.57	42	495	0.377	ng	# 88
6) bis(2-Chloroethyl)ether	6.97	93	1630	0.340	ng	99
9) Naphthalene	10.32	128	6466	0.393	ng	100
10) Hexachlorobutadiene	10.61	225	1903	0.456	ng	# 96
12) 2-Methylnaphthalene	11.94	142	4252	0.386	ng	99
16) Acenaphthylene	13.85	152	5938	0.382	ng	99
17) Acenaphthene	14.20	154	4059	0.386	ng	99
18) Fluorene	15.20	166	4931	0.375	ng	99
20) 4,6-Dinitro-2-methylphenol	15.31	198	235	0.403	ng	95
21) 4-Bromophenyl-phenylether	16.10	248	1525	0.385	ng	94
22) Hexachlorobenzene	16.20	284	1902	0.408	ng	97
23) Atrazine	16.39	200	1088	0.389	ng	98
24) Pentachlorophenol	16.56	266	496	0.395	ng	93
25) Phenanthrene	16.93	178	7661	0.397	ng	100
26) Anthracene	17.02	178	6074	0.381	ng	99
28) Fluoranthene	18.96	202	8566	0.395	ng	99
30) Pyrene	19.33	202	8469	0.417	ng	100
32) Benzo(a)anthracene	21.09	228	6948	0.382	ng	99
33) Chrysene	21.14	228	8758	0.420	ng	99
34) Bis(2-ethylhexyl)phthalate	21.05	149	2970	0.404	ng	100
35) Indeno(1,2,3-cd)pyrene	25.34	276	9425	0.432	ng	# 96
37) Benzo(b)fluoranthene	22.61	252	8831	0.357	ng	99
38) Benzo(k)fluoranthene	22.66	252	10525	0.398	ng	99
39) Benzo(a)pyrene	23.15	252	8319	0.390	ng	99
40) Dibenzo(a,h)anthracene	25.36	278	7331	0.336	ng	98
41) Benzo(g,h,i)perylene	25.97	276	8303	0.345	ng	98

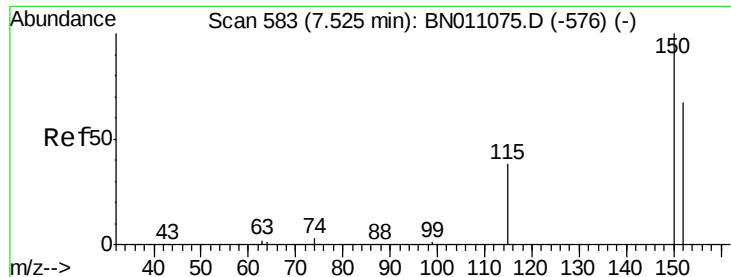
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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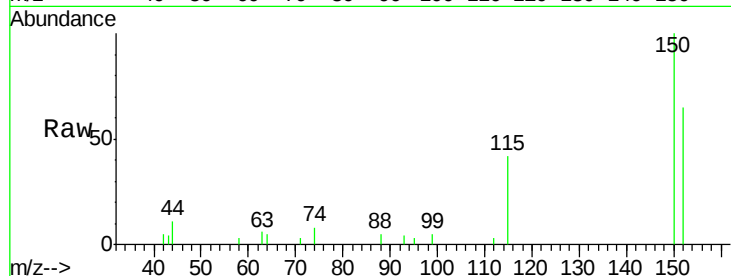


#1

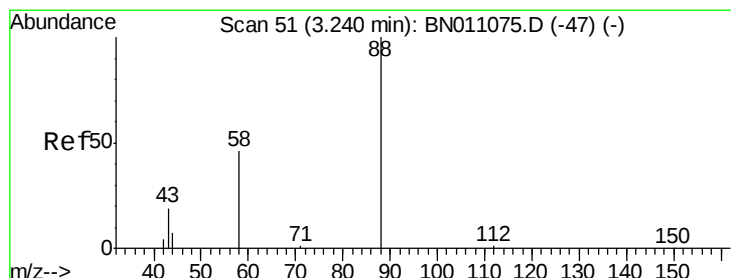
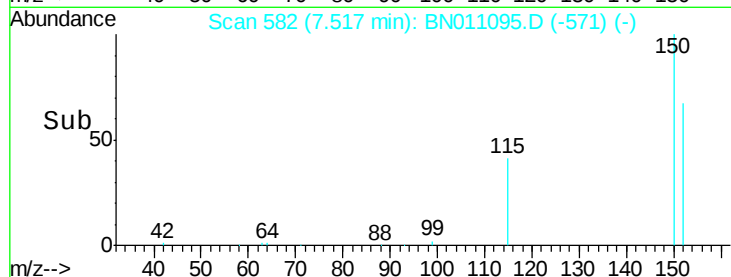
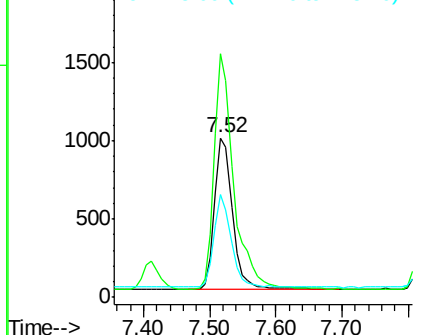
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.52 min Scan# 582
Delta R.T. -0.01 min
Lab File: BN011095.D
Acq: 02 Jul 2020 20:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:152 Resp: 1844
Ion Ratio Lower Upper
152 100
150 152.8 117.4 176.0
115 64.2 47.9 71.9



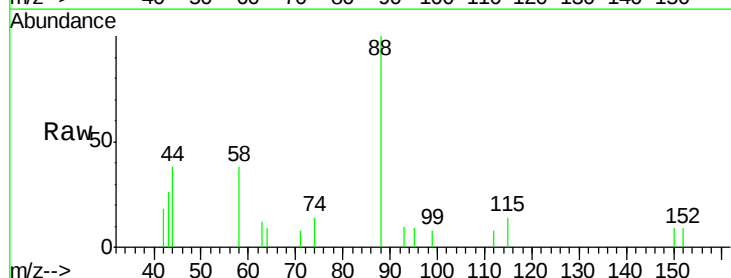
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



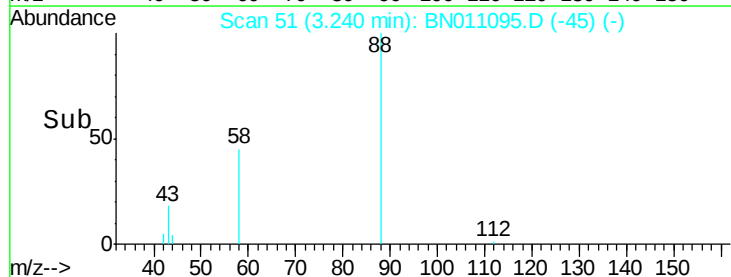
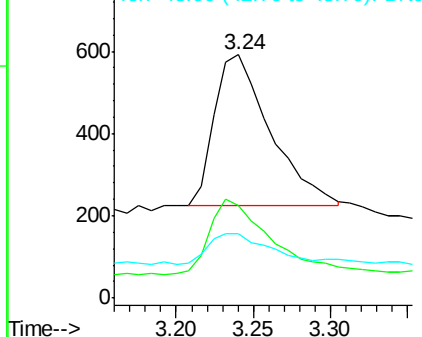
#2

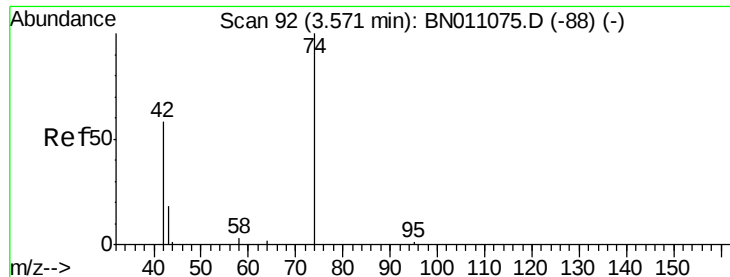
1,4-Dioxane
Concen: 0.352 ng
RT: 3.24 min Scan# 51
Delta R.T. -0.00 min
Lab File: BN011095.D
Acq: 02 Jul 2020 20:41

Tgt Ion: 88 Resp: 916
Ion Ratio Lower Upper
88 100
58 52.8 38.6 57.8
43 22.2 15.4 23.0



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





#3

n-Nitrosodimethylamine

Concen: 0.377 ng

RT: 3.57 min Scan# 92

Delta R.T. -0.00 min

Lab File: BN011095.D

Acq: 02 Jul 2020 20:41

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

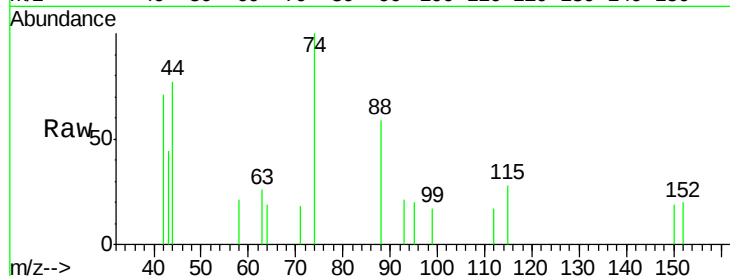
Tot Ion: 42 Resp: 495

Ion Ratio Lower Upper

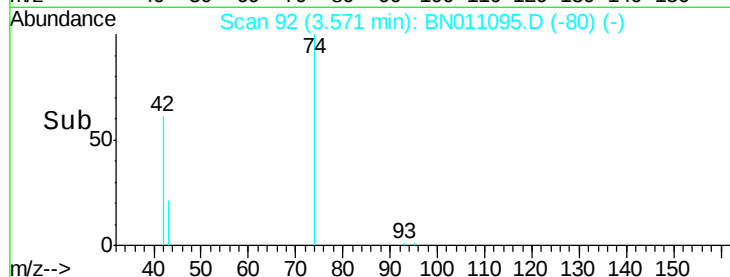
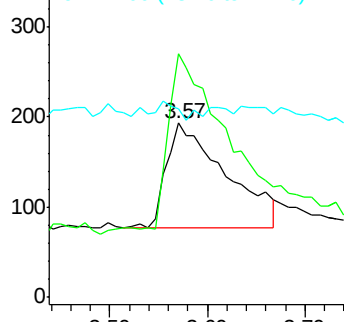
42 100

74 161.6 142.5 213.7

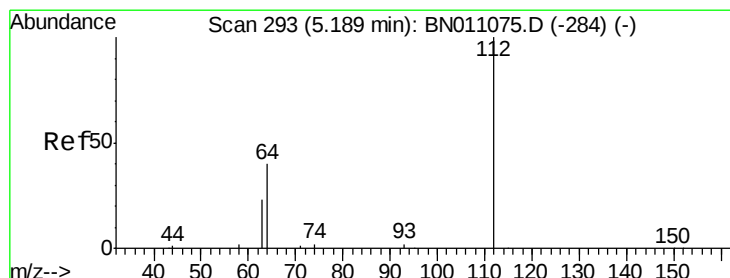
44 7.9 0.0 0.0#



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



Time-->



#4

2-Fluorophenol

Concen: 0.362 ng

RT: 5.18 min Scan# 292

Delta R.T. -0.01 min

Lab File: BN011095.D

Acq: 02 Jul 2020 20:41

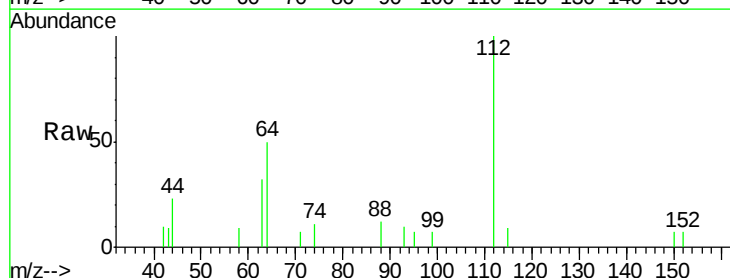
Tgt Ion: 112 Resp: 1662

Ion Ratio Lower Upper

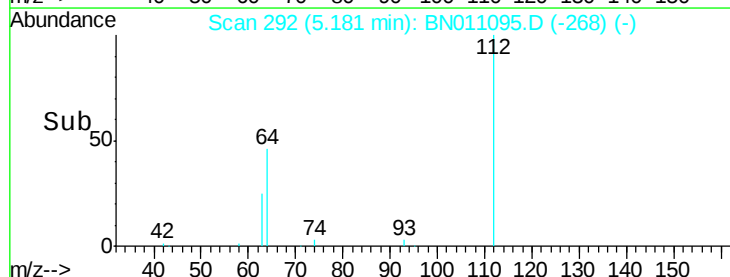
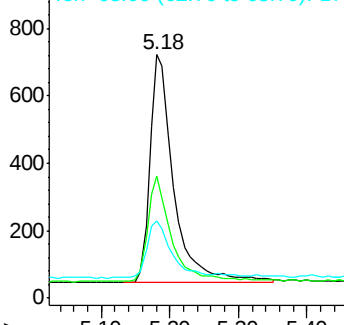
112 100

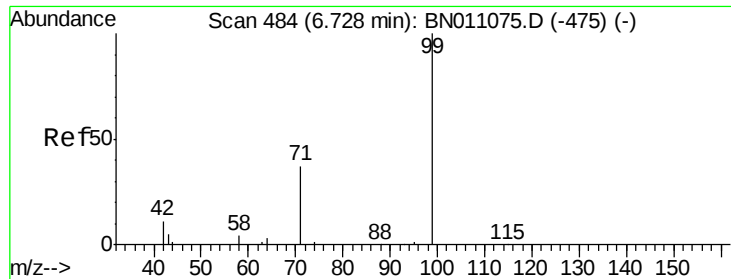
64 44.6 36.5 54.7

63 25.8 20.6 30.8



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: 0.365 ng

RT: 6.72 min Scan# 483

Delta R.T. -0.01 min

Lab File: BN011095.D

Acq: 02 Jul 2020 20:41

Instrument :

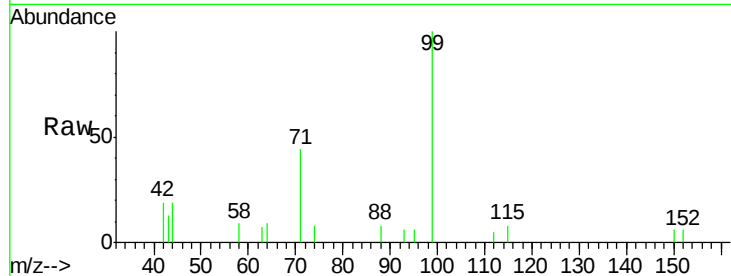
BNA_N

ClientSampleId :

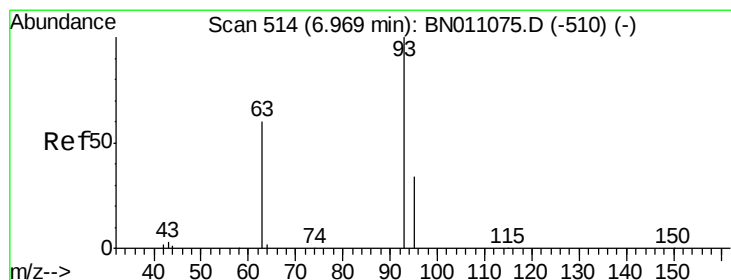
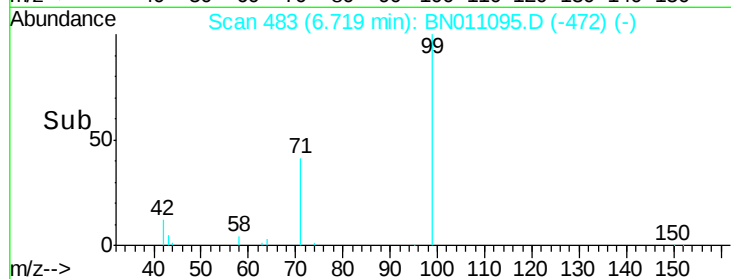
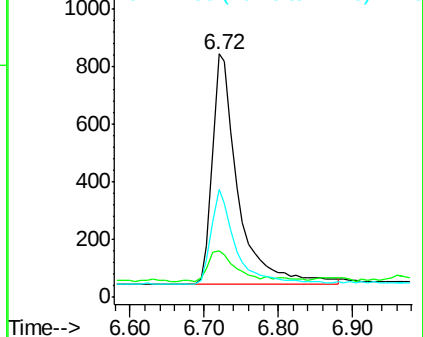
SSTDCCC0.4EC

Tot Ion: 99 Resp: 1927

Ion	Ratio	Lower	Upper
99	100		
42	14.9	9.8	14.8#
71	39.4	30.7	46.1



Abundance Ion 99.00 (98.70 to 99.70): BN011095.D (-475) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.340 ng

RT: 6.97 min Scan# 514

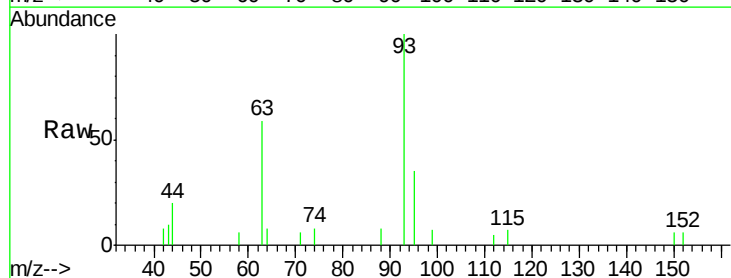
Delta R.T. -0.00 min

Lab File: BN011095.D

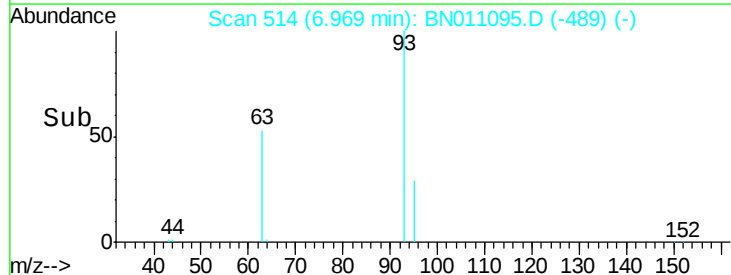
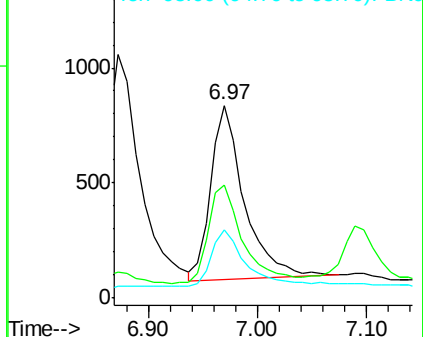
Acq: 02 Jul 2020 20:41

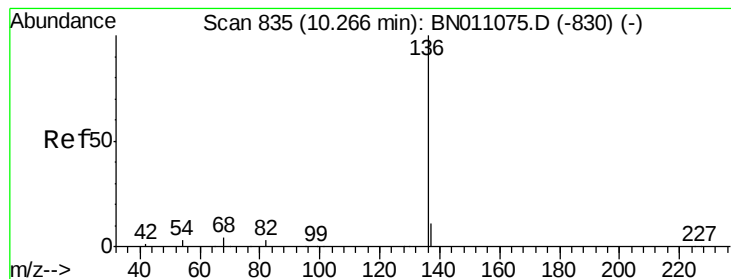
Tgt Ion: 93 Resp: 1630

Ion	Ratio	Lower	Upper
93	100		
63	58.3	47.4	71.2
95	33.9	26.4	39.6



Abundance Ion 93.00 (92.70 to 93.70): BN011095.D (-489) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.27 min Scan# 835

Delta R.T. -0.00 min

Lab File: BN011095.D

Acq: 02 Jul 2020 20:41

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 5512

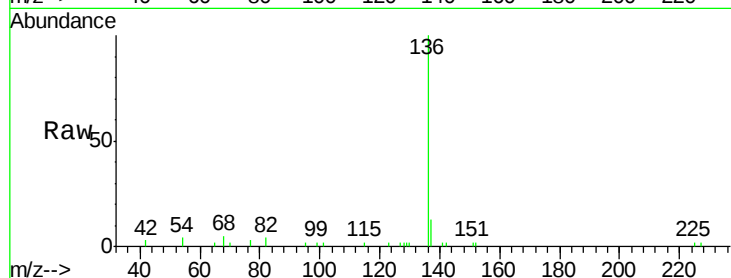
Ion Ratio Lower Upper

136 100

137 12.7 9.6 14.4

54 4.5 3.8 5.6

68 4.9 4.3 6.5



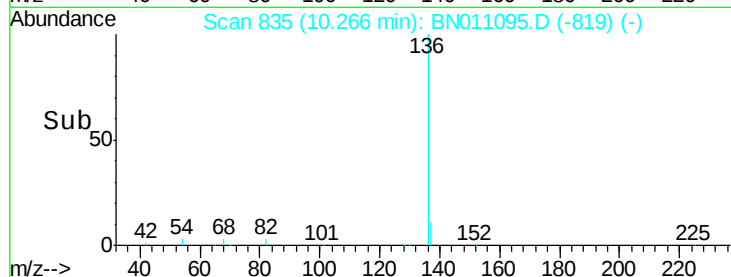
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

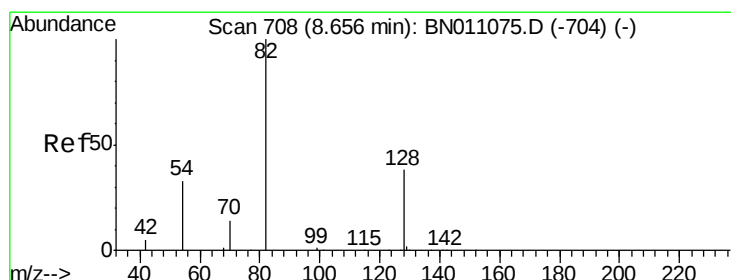
Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC

Time-->



Time-->



#8

Nitrobenzene-d5

Concen: 0.405 ng

RT: 8.66 min Scan# 708

Delta R.T. -0.00 min

Lab File: BN011095.D

Acq: 02 Jul 2020 20:41

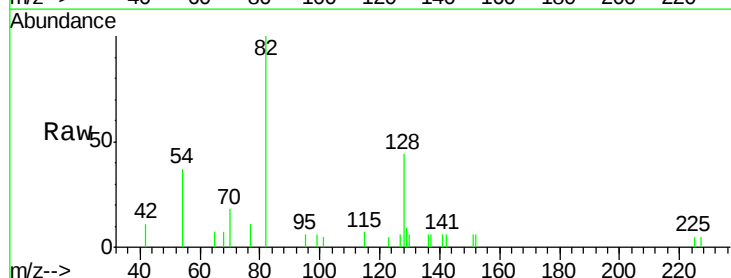
Tgt Ion: 82 Resp: 1895

Ion Ratio Lower Upper

82 100

128 43.6 34.2 51.2

54 36.8 29.4 44.0

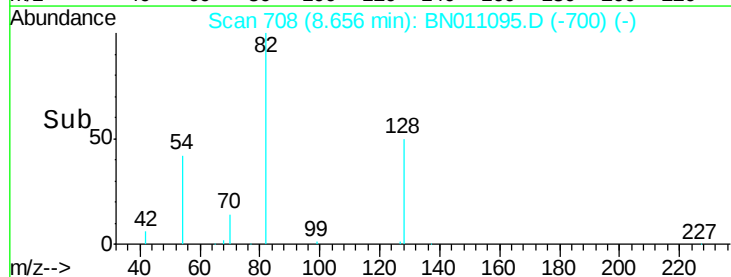


Abundance Ion 82.00 (81.70 to 82.70): BNC

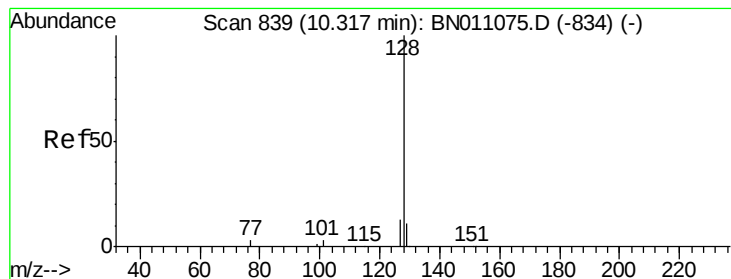
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

Time-->



Time-->



#9

Naphthalene

Concen: 0.393 ng

RT: 10.32 min Scan# 839

Delta R.T. -0.00 min

Lab File: BN011095.D

Acq: 02 Jul 2020 20:41

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

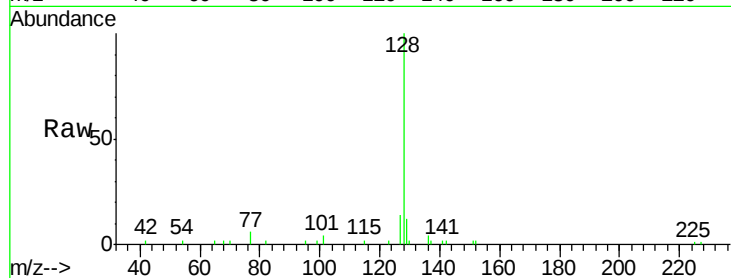
Tot Ion:128 Resp: 6466

Ion Ratio Lower Upper

128 100

129 12.3 9.8 14.8

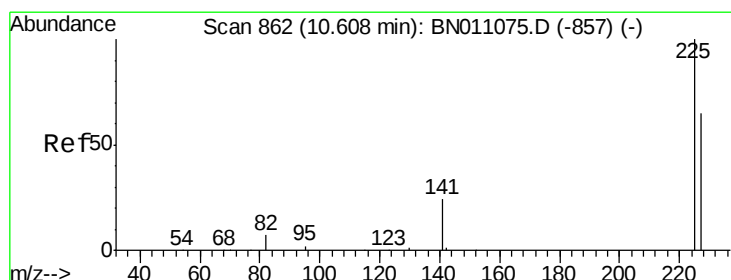
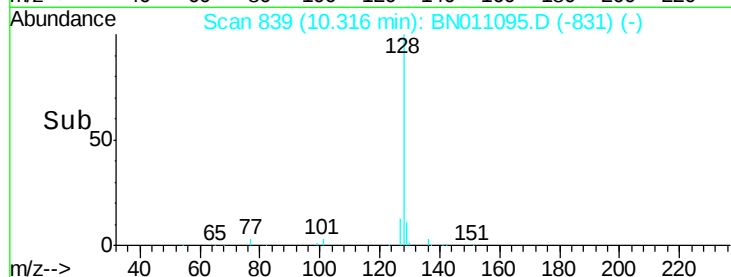
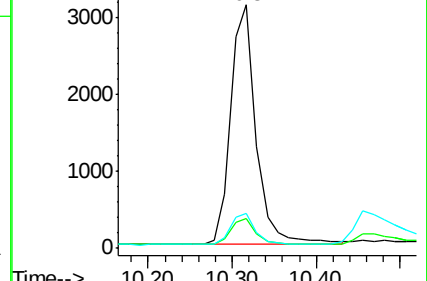
127 14.2 11.3 16.9



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: 0.456 ng

RT: 10.61 min Scan# 862

Delta R.T. -0.00 min

Lab File: BN011095.D

Acq: 02 Jul 2020 20:41

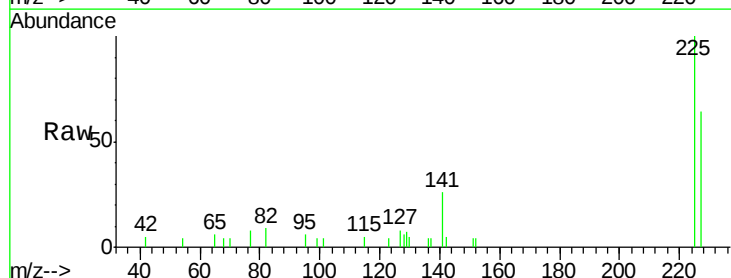
Tgt Ion:225 Resp: 1903

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

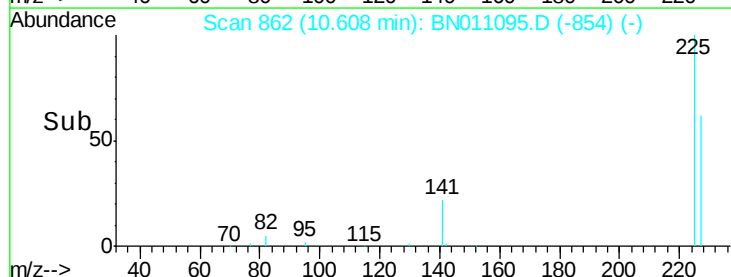
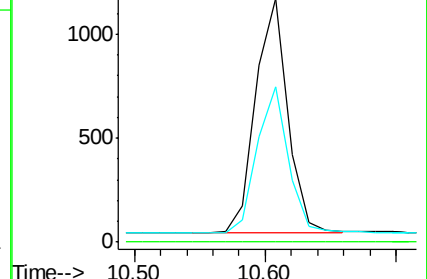
227 61.1 51.4 77.2

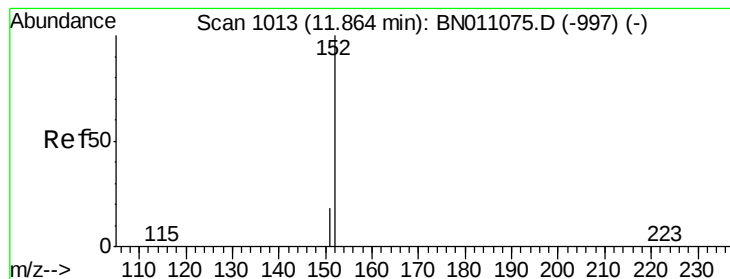


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.385 ng

RT: 11.86 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BN011095.D

Acq: 02 Jul 2020 20:41

Instrument :

BNA_N

ClientSampleId :

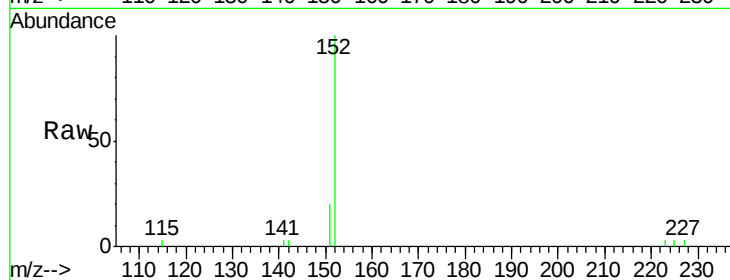
SSTDCCC0.4EC

Tot Ion:152 Resp: 3669

Ion Ratio Lower Upper

152 100

151 20.6 16.6 24.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.86

2000

1500

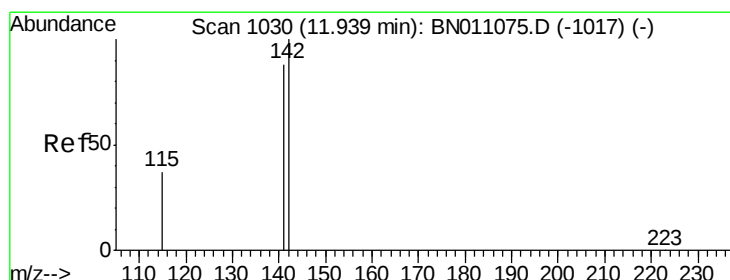
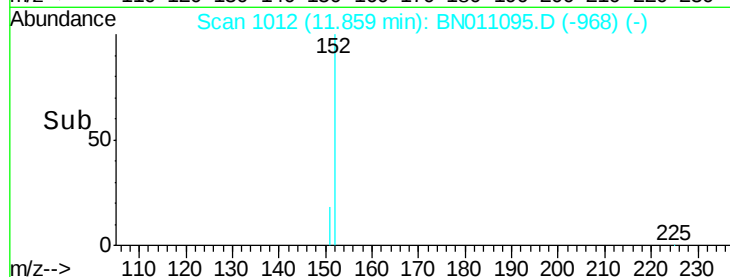
1000

500

0

11.80 11.90 12.00

Time-->



#12

2-Methylnaphthalene

Concen: 0.386 ng

RT: 11.94 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BN011095.D

Acq: 02 Jul 2020 20:41

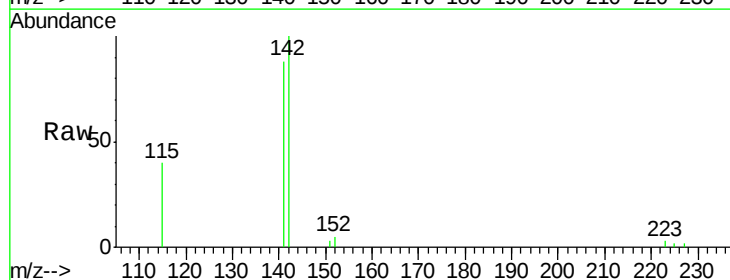
Tgt Ion:142 Resp: 4252

Ion Ratio Lower Upper

142 100

141 87.8 70.3 105.5

115 40.4 31.2 46.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

3000

2500

2000

1500

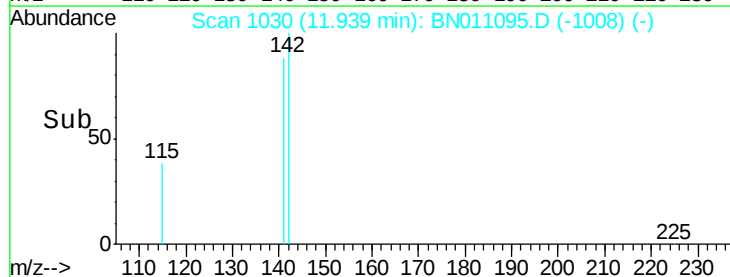
1000

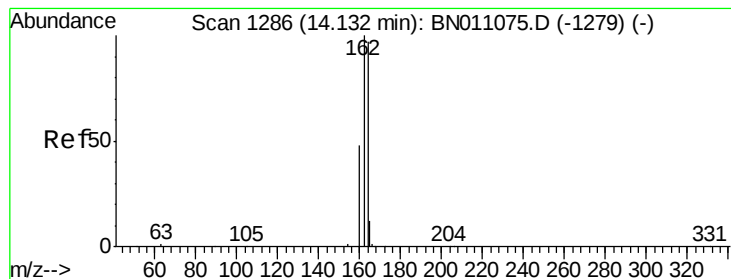
500

0

11.80 11.90 12.00 12.10

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.13 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BN011095.D

Acq: 02 Jul 2020 20:41

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

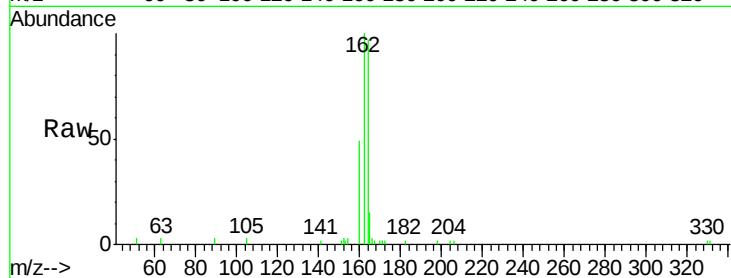
Tot Ion:164 Resp: 3098

Ion Ratio Lower Upper

164 100

162 103.4 82.3 123.5

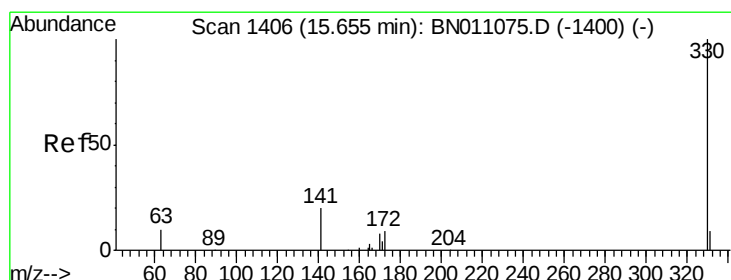
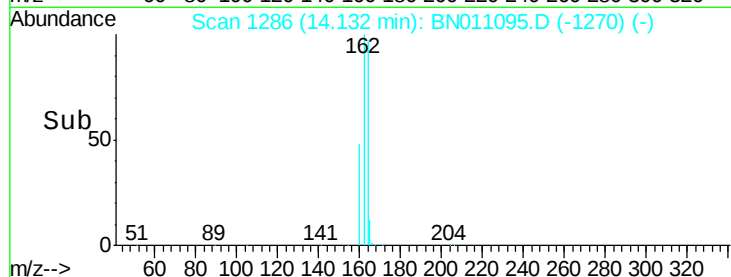
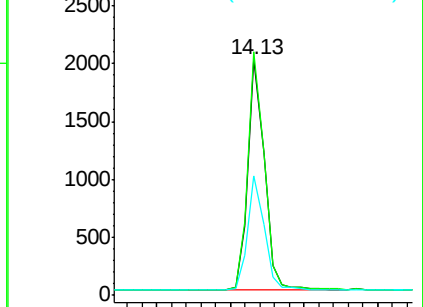
160 50.9 40.6 61.0



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: 0.376 ng

RT: 15.64 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BN011095.D

Acq: 02 Jul 2020 20:41

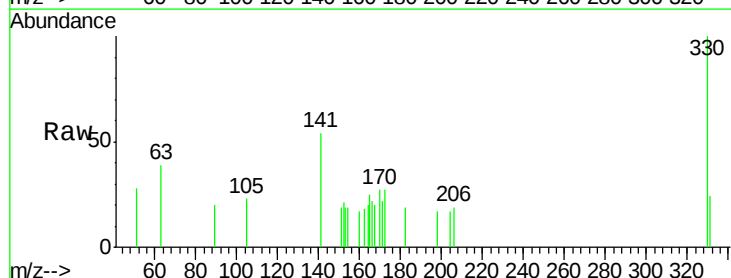
Tgt Ion:330 Resp: 489

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

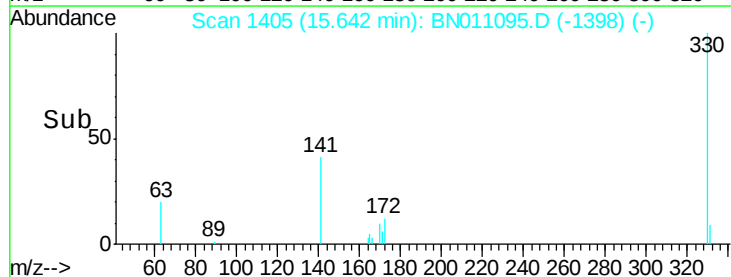
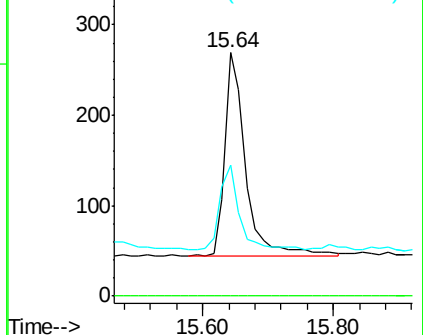
141 40.7 32.6 49.0

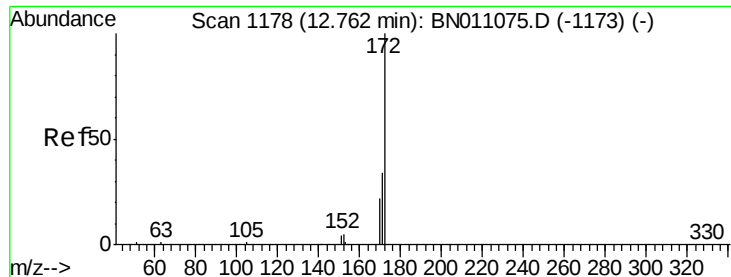


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

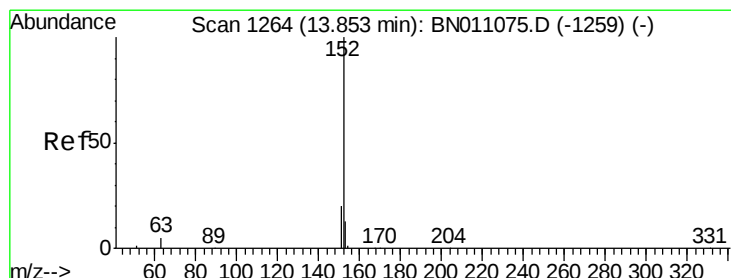
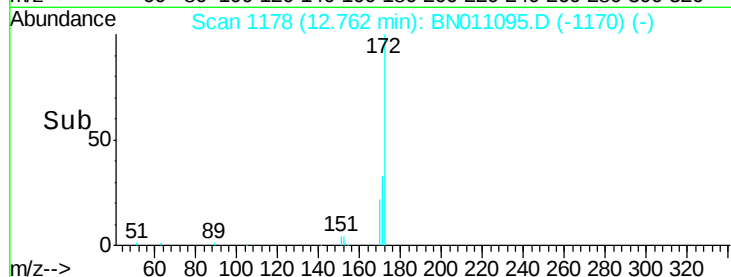
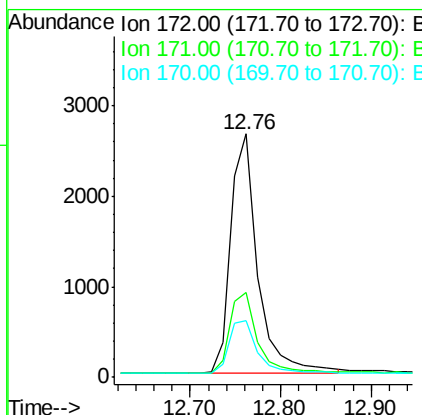
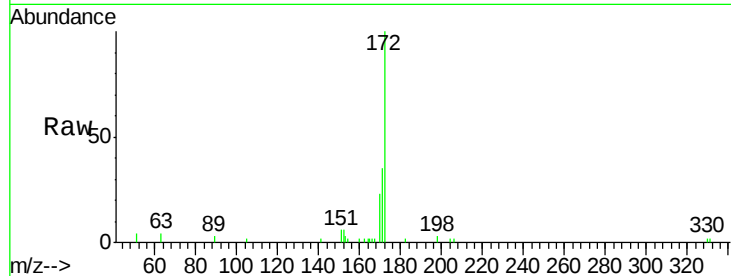




#15
2-Fluorobiphenyl
Concen: 0.377 ng
RT: 12.76 min Scan# 1178
Delta R.T. -0.00 min
Lab File: BN011095.D
Acq: 02 Jul 2020 20:41

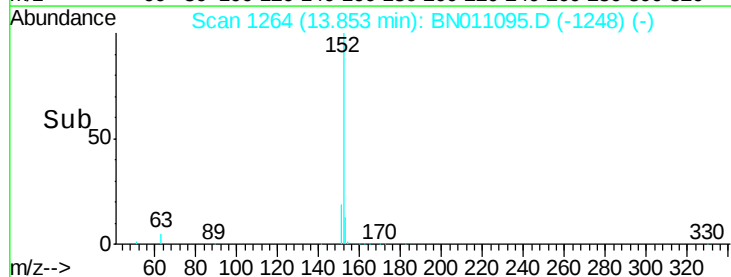
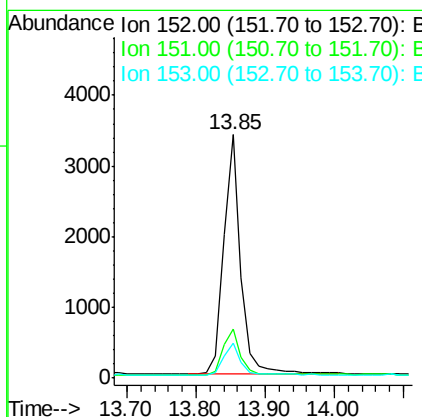
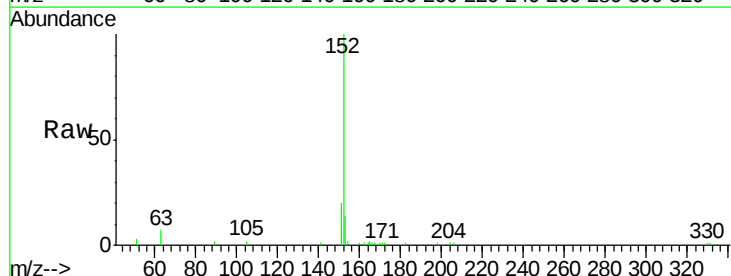
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

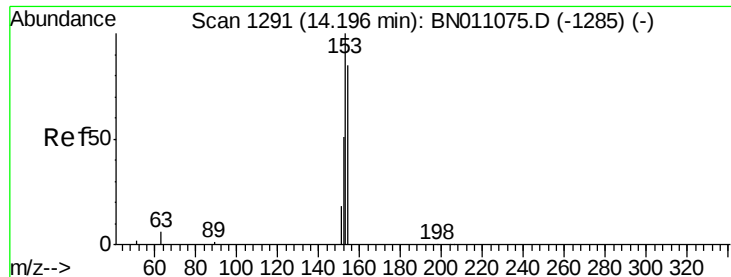
Tot Ion:172 Resp: 5498
Ion Ratio Lower Upper
172 100
171 34.8 27.9 41.9
170 23.3 18.7 28.1



#16
Acenaphthylene
Concen: 0.382 ng
RT: 13.85 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BN011095.D
Acq: 02 Jul 2020 20:41

Tgt Ion:152 Resp: 5938
Ion Ratio Lower Upper
152 100
151 19.4 15.8 23.8
153 13.2 10.8 16.2





#17

Acenaphthene

Concen: 0.386 ng

RT: 14.20 min Scan# 1291

Delta R.T. -0.00 min

Lab File: BN011095.D

Acq: 02 Jul 2020 20:41

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

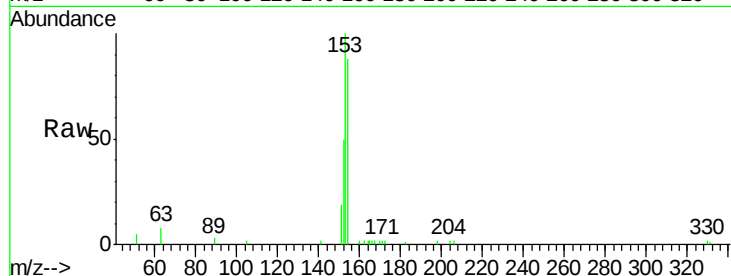
Tot Ion:154 Resp: 4059

Ion Ratio Lower Upper

154 100

153 114.9 91.7 137.5

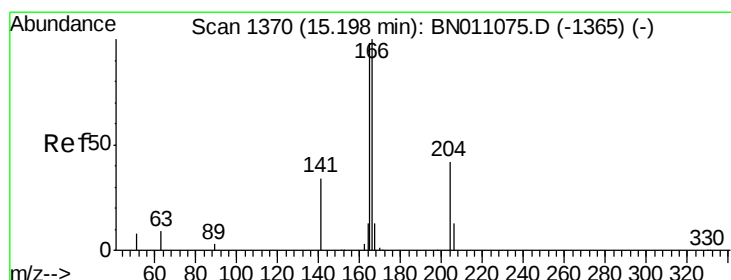
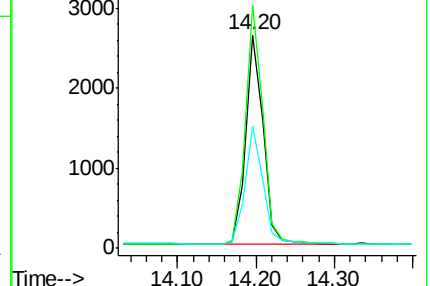
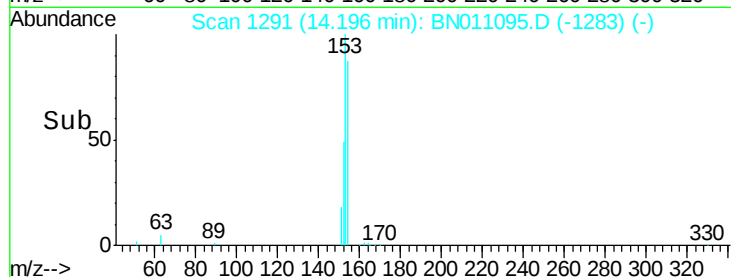
152 57.4 46.8 70.2



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: 0.375 ng

RT: 15.20 min Scan# 1370

Delta R.T. -0.00 min

Lab File: BN011095.D

Acq: 02 Jul 2020 20:41

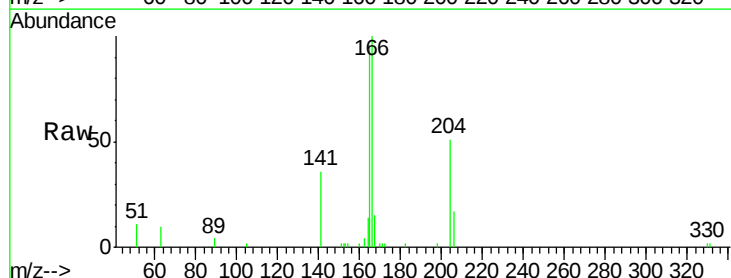
Tgt Ion:166 Resp: 4931

Ion Ratio Lower Upper

166 100

165 97.0 78.9 118.3

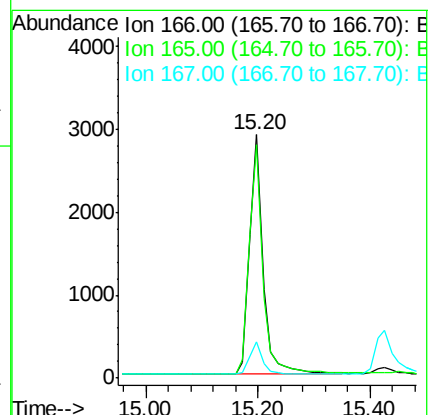
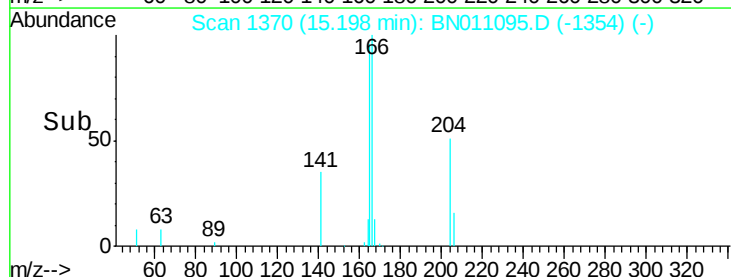
167 13.5 10.9 16.3

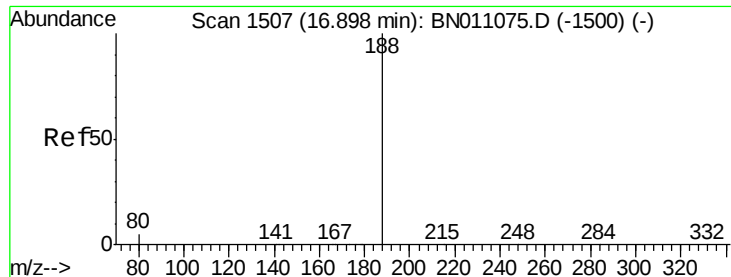


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.89 min Scan# 1506

Delta R.T. -0.01 min

Lab File: BN011095.D

Acq: 02 Jul 2020 20:41

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

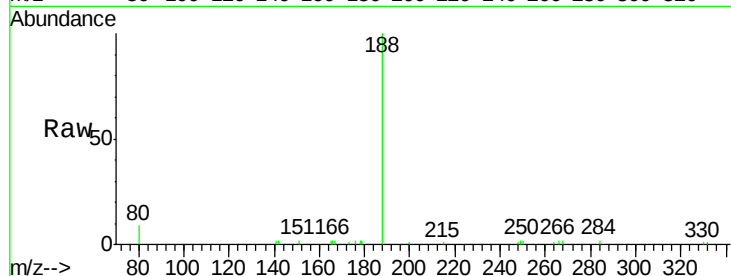
Tot Ion:188 Resp: 5952

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

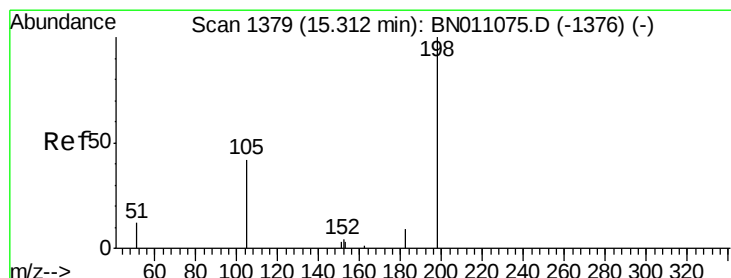
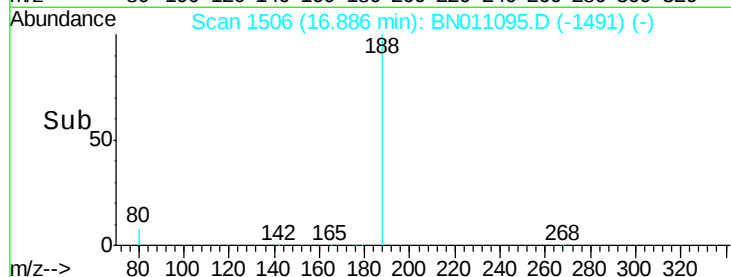
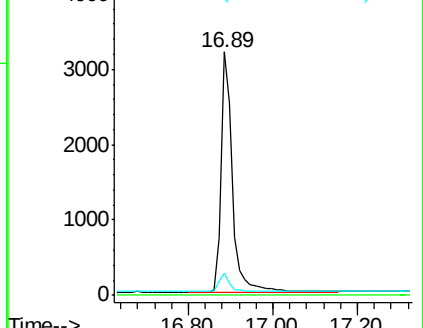
80 9.2 5.3 7.9#



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: 0.403 ng

RT: 15.31 min Scan# 1379

Delta R.T. 0.00 min

Lab File: BN011095.D

Acq: 02 Jul 2020 20:41

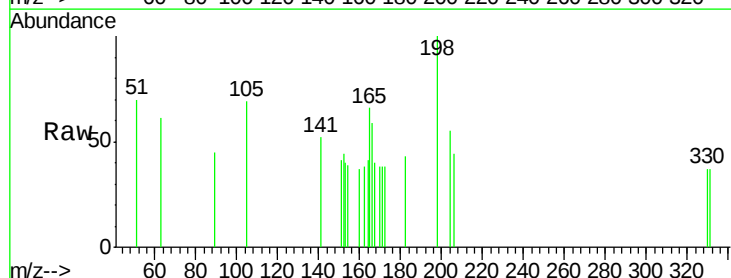
Tgt Ion:198 Resp: 235

Ion Ratio Lower Upper

198 100

51 70.2 58.2 87.4

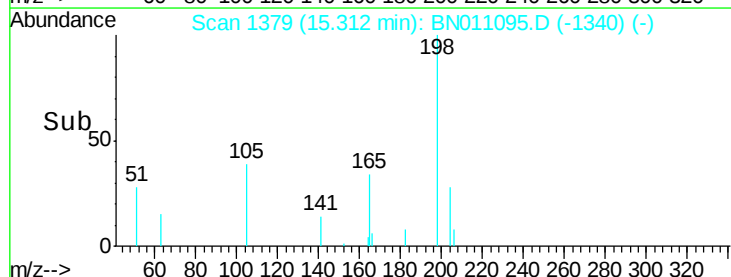
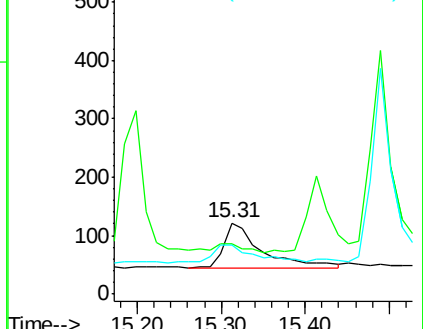
105 68.6 59.0 88.4

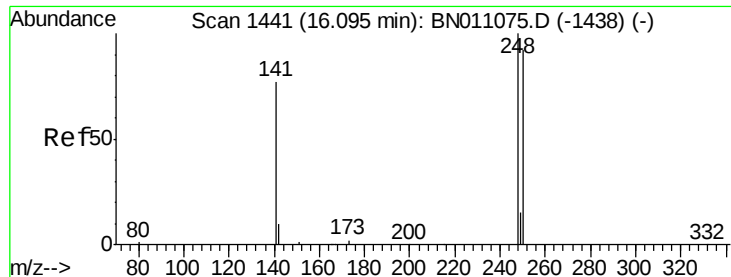


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNO

Ion 105.00 (104.70 to 105.70): E

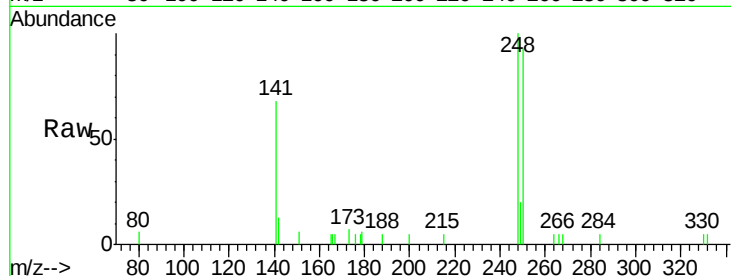




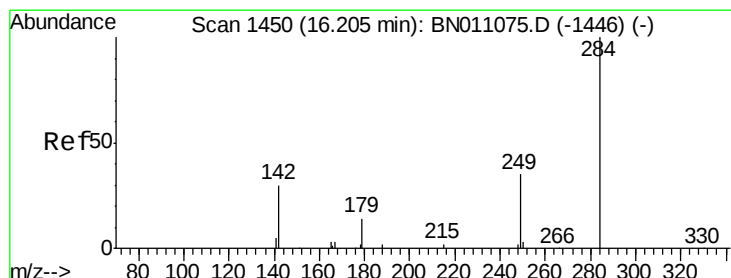
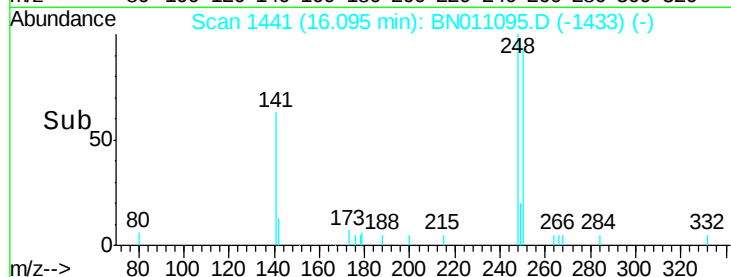
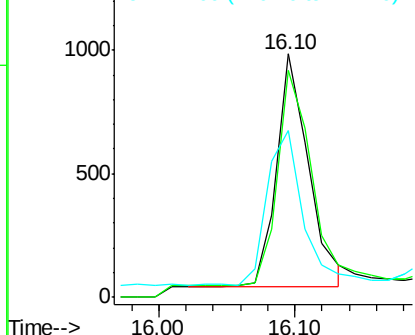
#21
4-Bromophenyl-phenylether
Concen: 0.385 ng
RT: 16.10 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BN011095.D
Acq: 02 Jul 2020 20:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:248 Resp: 1525
Ion Ratio Lower Upper
248 100
250 93.0 73.8 110.8
141 68.3 63.1 94.7

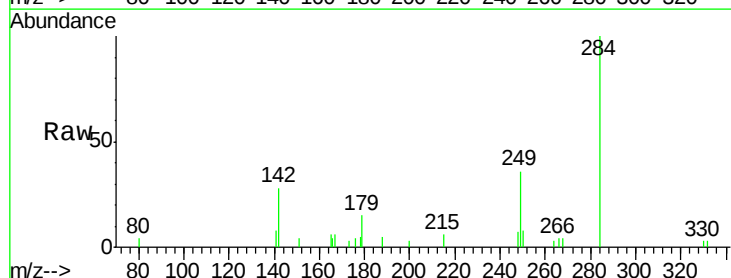


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

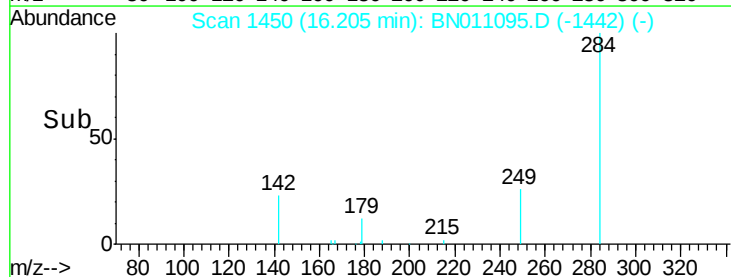
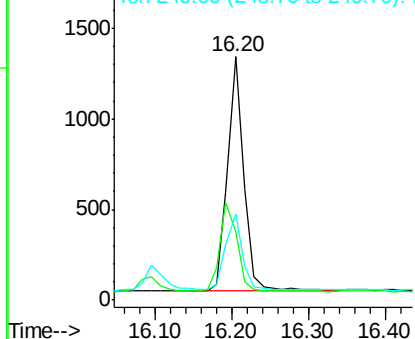


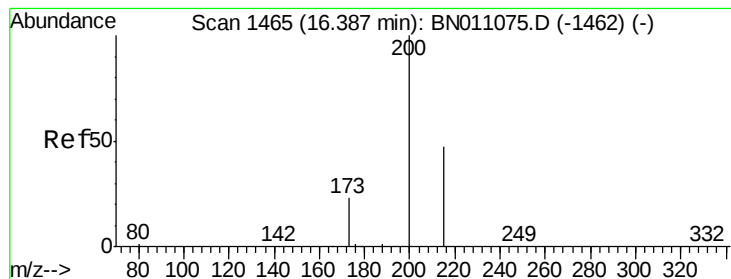
#22
Hexachlorobenzene
Concen: 0.408 ng
RT: 16.20 min Scan# 1450
Delta R.T. -0.00 min
Lab File: BN011095.D
Acq: 02 Jul 2020 20:41

Tgt Ion:284 Resp: 1902
Ion Ratio Lower Upper
284 100
142 39.9 33.3 49.9
249 32.8 27.4 41.2



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





#23

Atrazine

Concen: 0.389 ng

RT: 16.39 min Scan# 1465

Delta R.T. -0.00 min

Lab File: BN011095.D

Acq: 02 Jul 2020 20:41

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

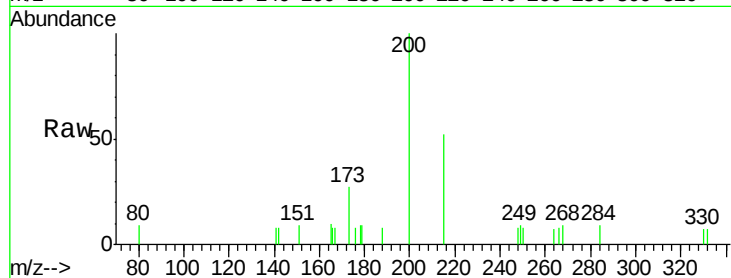
Tot Ion:200 Resp: 1088

Ion Ratio Lower Upper

200 100

173 27.4 22.8 34.2

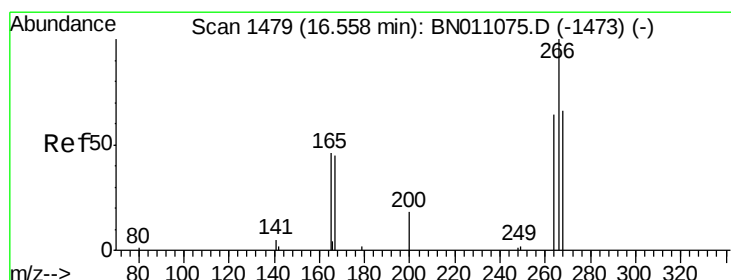
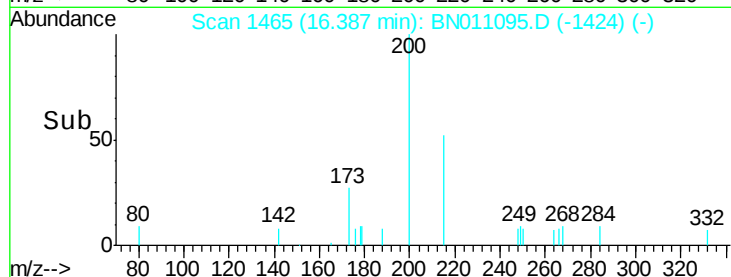
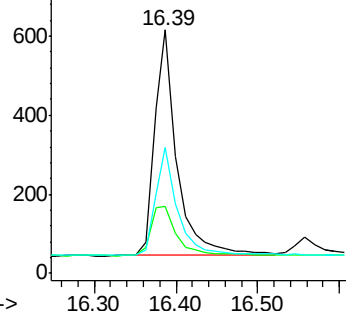
215 51.9 40.7 61.1



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: 0.395 ng

RT: 16.56 min Scan# 1479

Delta R.T. -0.00 min

Lab File: BN011095.D

Acq: 02 Jul 2020 20:41

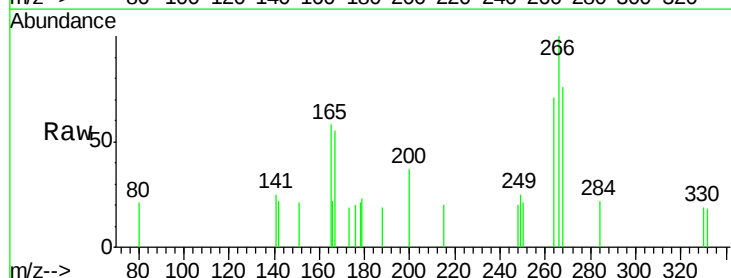
Tgt Ion:266 Resp: 496

Ion Ratio Lower Upper

266 100

264 56.9 47.4 71.0

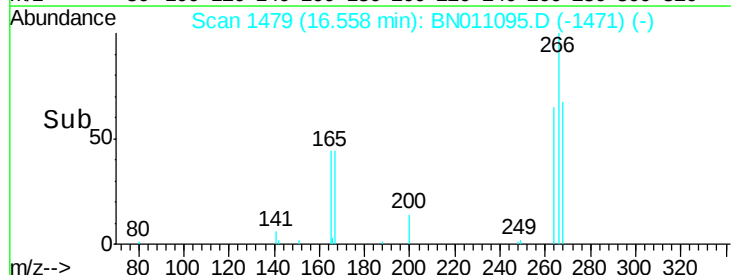
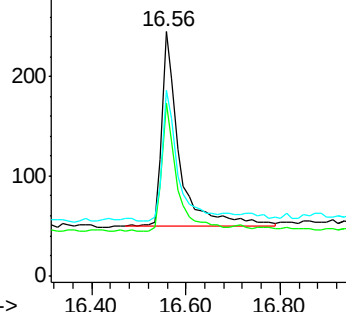
268 60.1 55.0 82.4

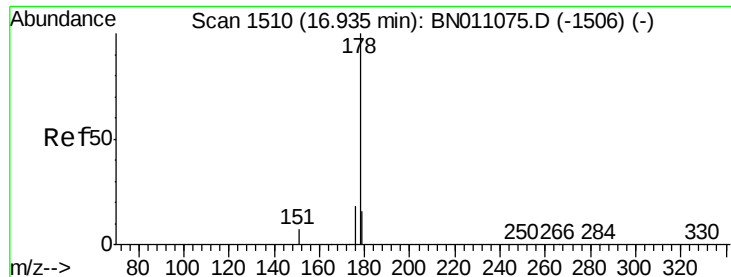


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Phenanthrene

Concen: 0.397 ng

RT: 16.93 min Scan# 1510

Delta R.T. -0.00 min

Lab File: BN011095.D

Acq: 02 Jul 2020 20:41

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

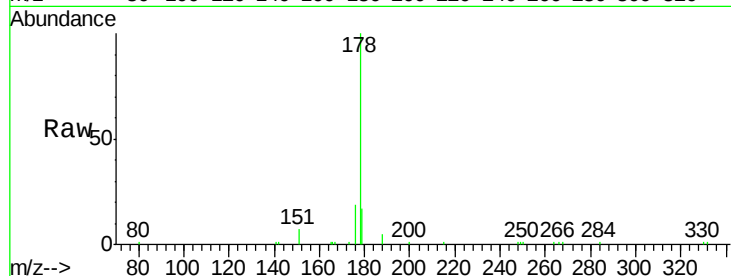
Tot Ion:178 Resp: 7661

Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.6

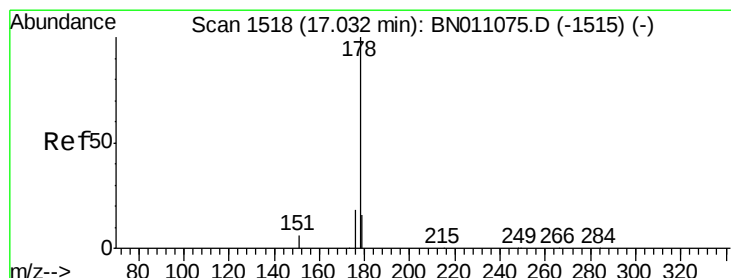
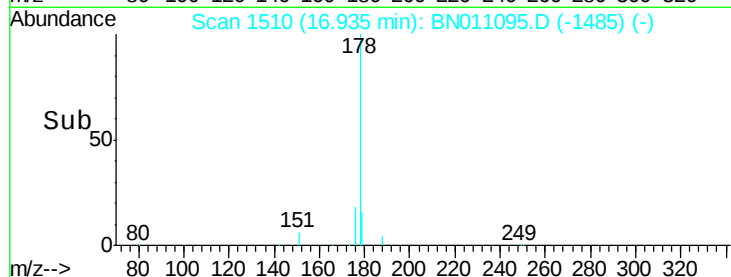
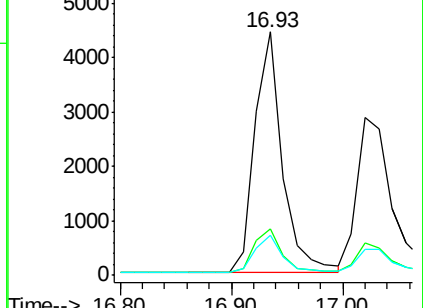
179 15.7 12.5 18.7



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: 0.381 ng

RT: 17.02 min Scan# 1517

Delta R.T. -0.01 min

Lab File: BN011095.D

Acq: 02 Jul 2020 20:41

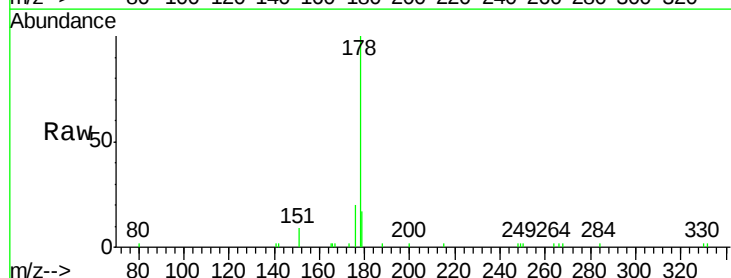
Tgt Ion:178 Resp: 6074

Ion Ratio Lower Upper

178 100

176 18.3 14.2 21.4

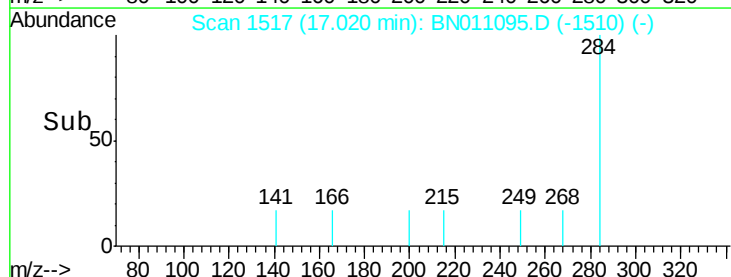
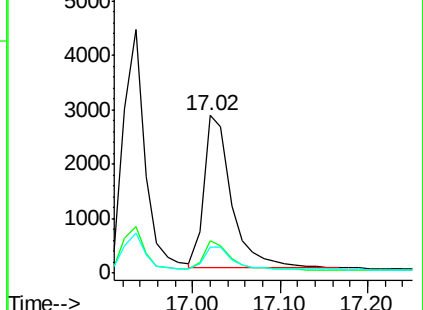
179 15.2 12.2 18.2

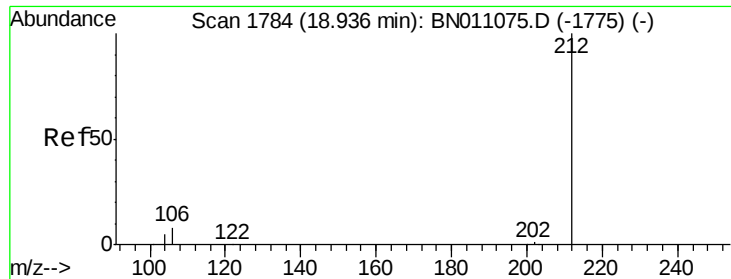


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

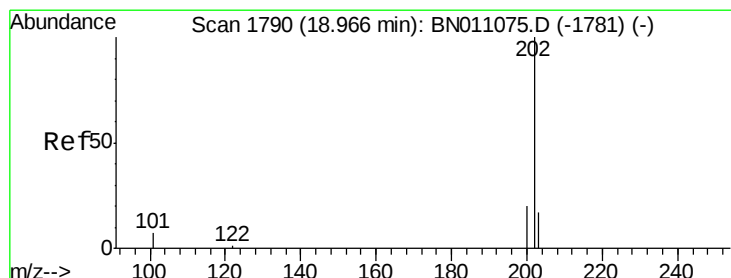
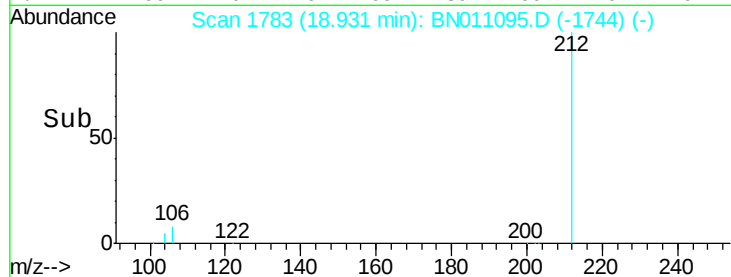
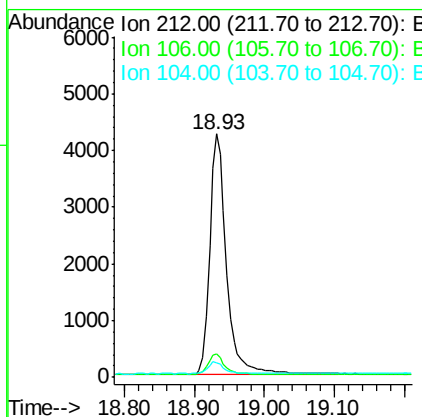
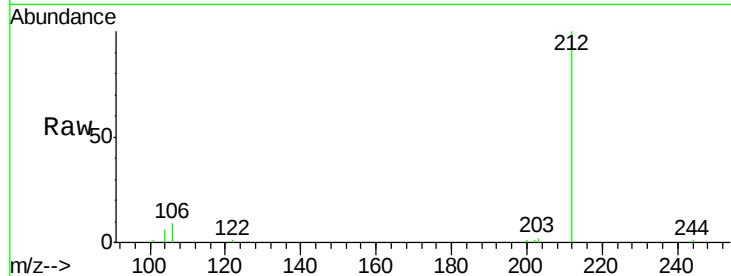




#27
 Fluoranthene-d10
 Concen: 0.395 ng
 RT: 18.93 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: BN011095.D
 Acq: 02 Jul 2020 20:41

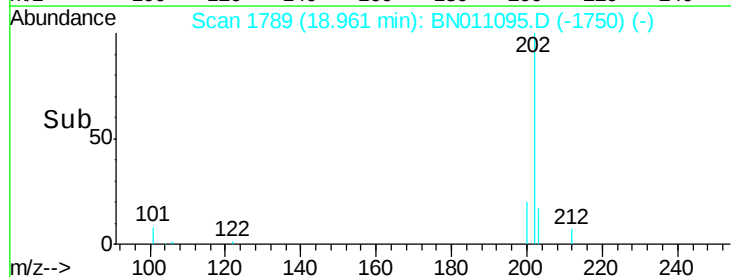
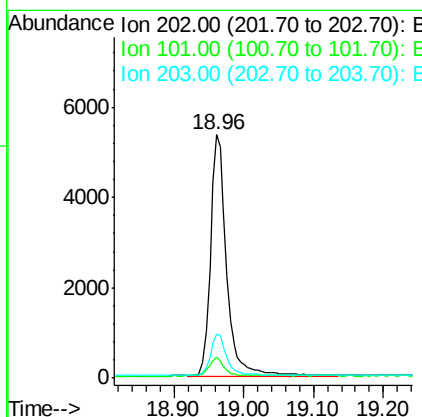
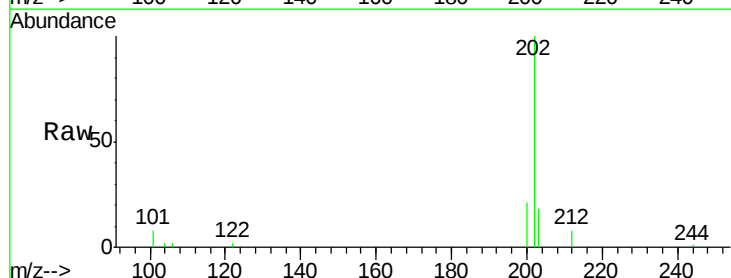
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

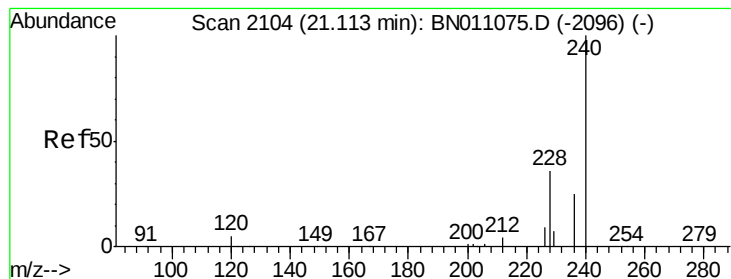
Tot Ion:212 Resp: 7101
 Ion Ratio Lower Upper
 212 100
 106 8.4 7.1 10.7
 104 5.0 4.2 6.4



#28
 Fluoranthene
 Concen: 0.395 ng
 RT: 18.96 min Scan# 1789
 Delta R.T. -0.01 min
 Lab File: BN011095.D
 Acq: 02 Jul 2020 20:41

Tgt Ion:202 Resp: 8566
 Ion Ratio Lower Upper
 202 100
 101 7.1 6.3 9.5
 203 16.8 13.5 20.3





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.10 min Scan# 2103

Delta R.T. -0.01 min

Lab File: BN011095.D

Acq: 02 Jul 2020 20:41

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

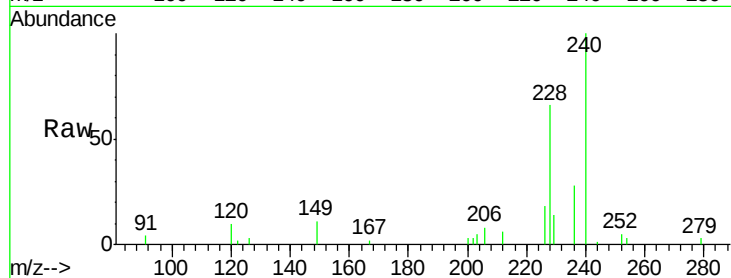
Tot Ion:240 Resp: 5439

Ion Ratio Lower Upper

240 100

120 10.4 6.5 9.7#

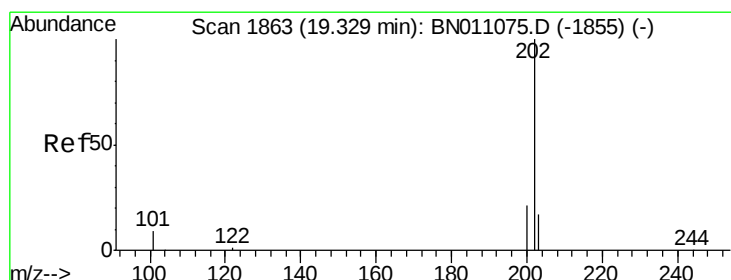
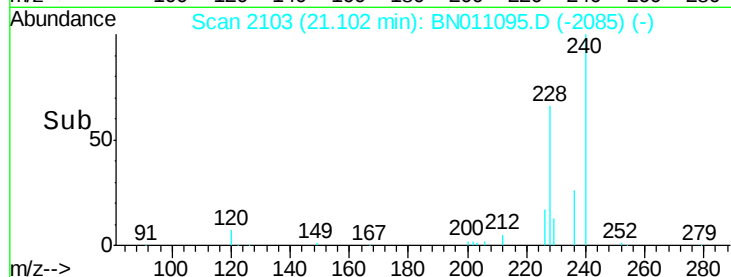
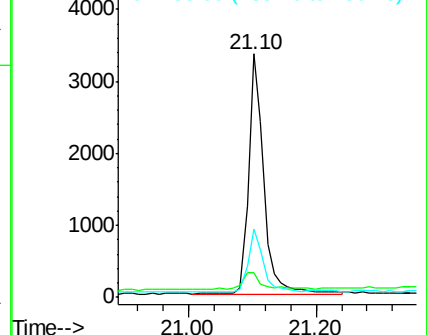
236 28.2 21.9 32.9



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: 0.417 ng

RT: 19.33 min Scan# 1863

Delta R.T. -0.00 min

Lab File: BN011095.D

Acq: 02 Jul 2020 20:41

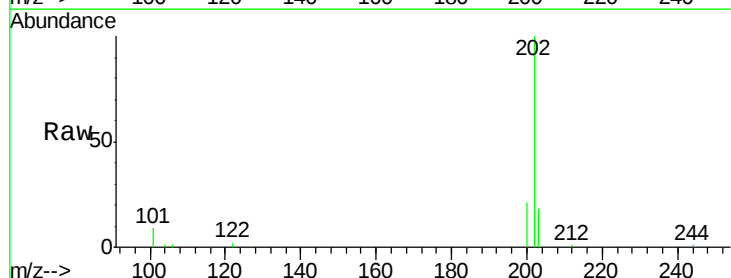
Tgt Ion:202 Resp: 8469

Ion Ratio Lower Upper

202 100

200 20.7 16.6 25.0

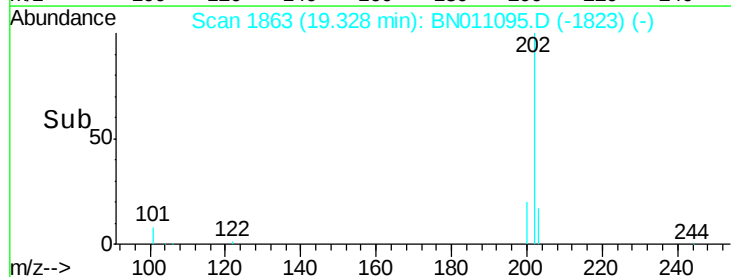
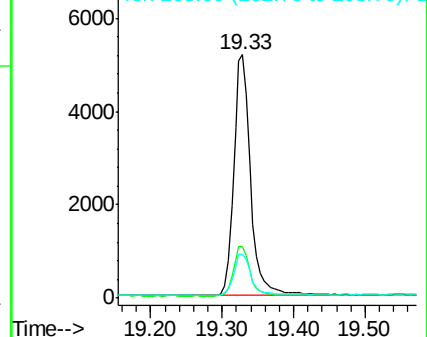
203 17.6 14.2 21.4

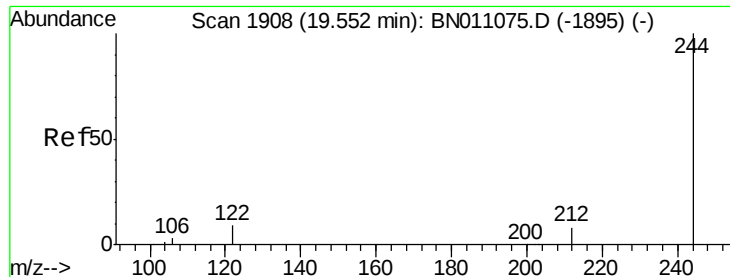


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#31

Terphenyl-d14

Concen: 0.471 ng

RT: 19.55 min Scan# 1908

Delta R.T. -0.00 min

Lab File: BN011095.D

Acq: 02 Jul 2020 20:41

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

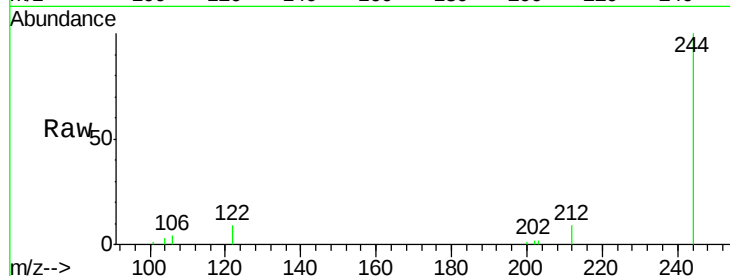
Tot Ion:244 Resp: 6663

Ion Ratio Lower Upper

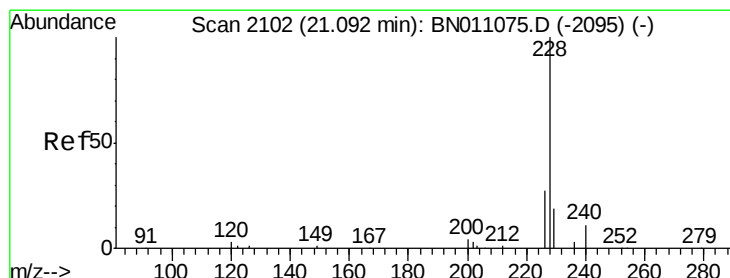
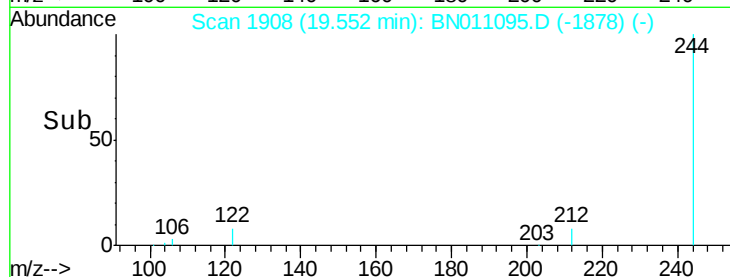
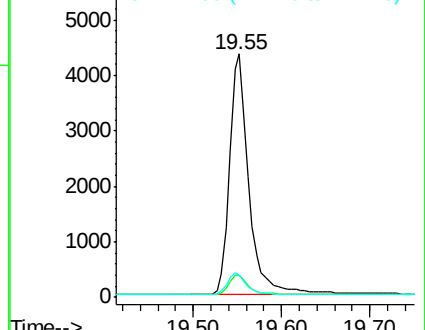
244 100

212 9.4 7.5 11.3

122 9.1 8.2 12.4



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: 0.382 ng

RT: 21.09 min Scan# 2102

Delta R.T. -0.00 min

Lab File: BN011095.D

Acq: 02 Jul 2020 20:41

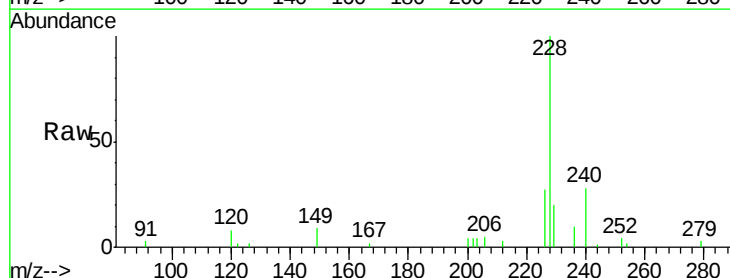
Tgt Ion:228 Resp: 6948

Ion Ratio Lower Upper

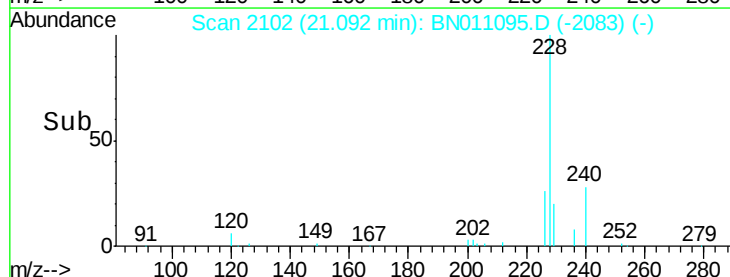
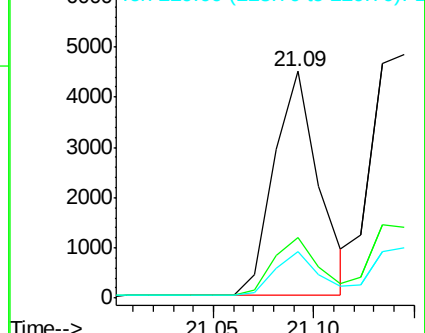
228 100

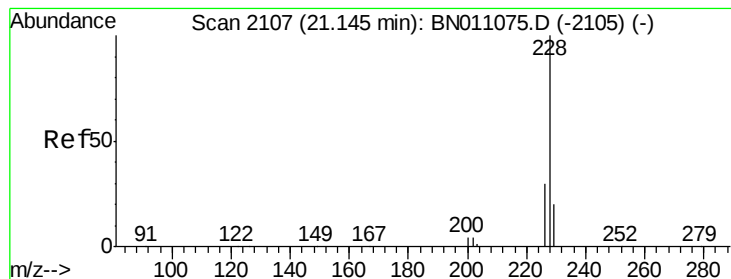
226 26.6 22.0 33.0

229 20.5 16.1 24.1



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

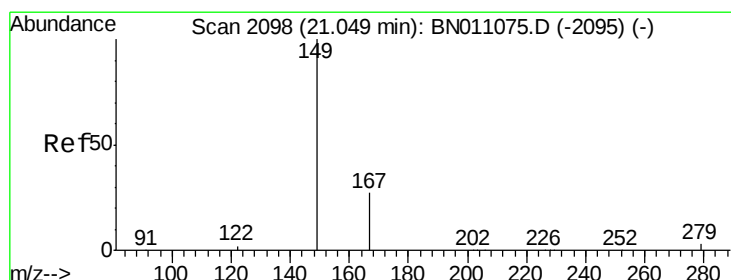
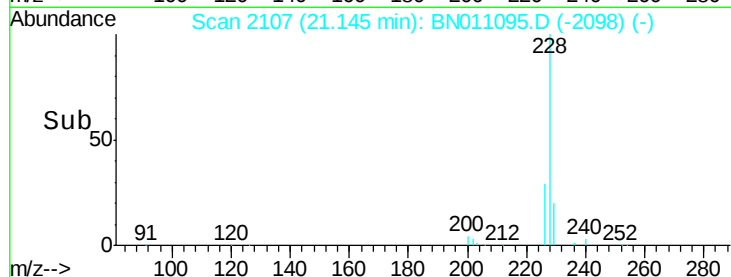
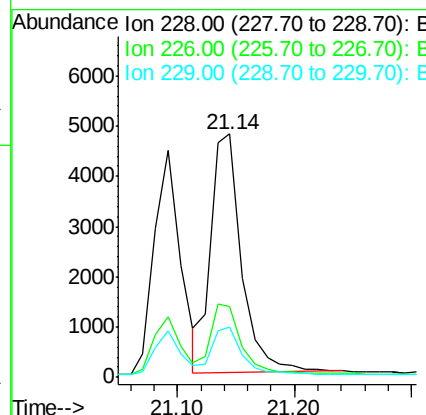
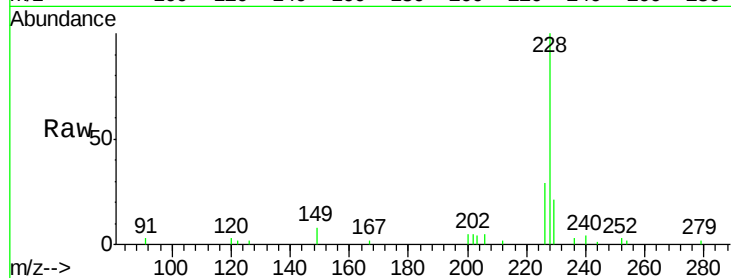




#33
Chrysene
Concen: 0.420 ng
RT: 21.14 min Scan# 2107
Delta R.T. -0.00 min
Lab File: BN011095.D
Acq: 02 Jul 2020 20:41

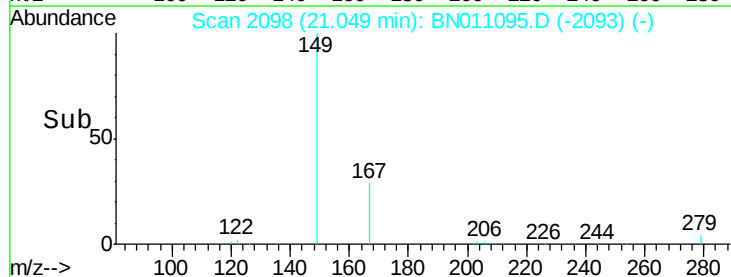
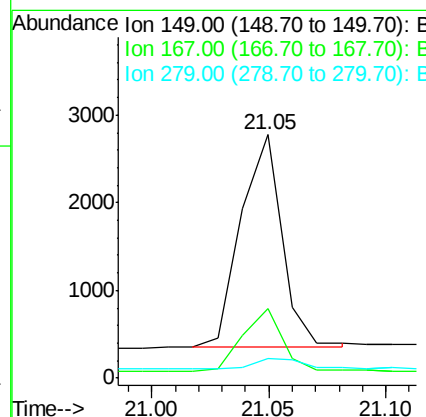
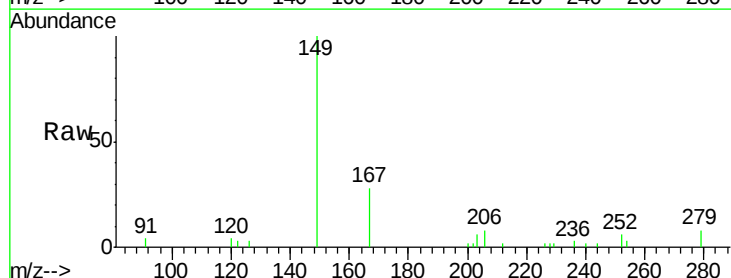
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

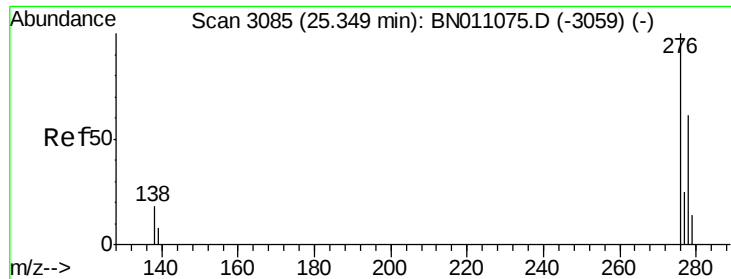
Tot Ion:228 Resp: 8758
Ion Ratio Lower Upper
228 100
226 29.3 24.0 36.0
229 20.7 16.4 24.6



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.404 ng
RT: 21.05 min Scan# 2098
Delta R.T. -0.00 min
Lab File: BN011095.D
Acq: 02 Jul 2020 20:41

Tgt Ion:149 Resp: 2970
Ion Ratio Lower Upper
149 100
167 27.9 22.2 33.4
279 5.8 4.5 6.7

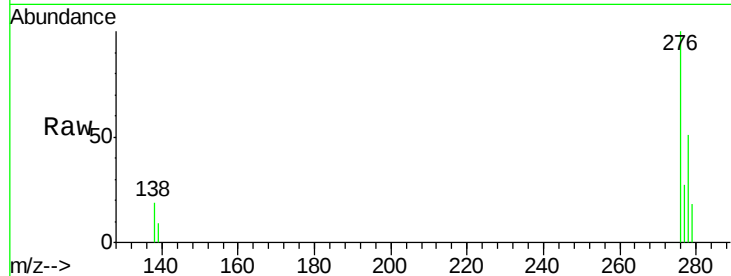




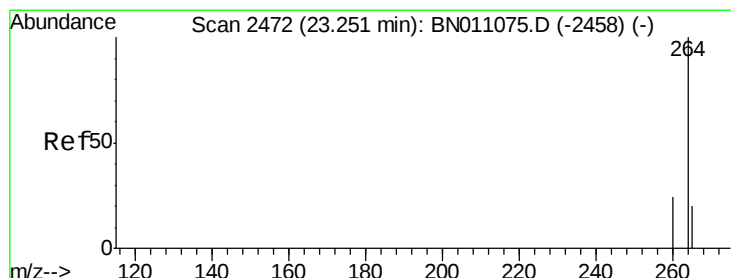
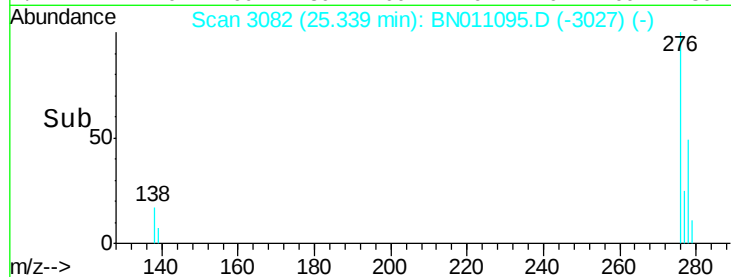
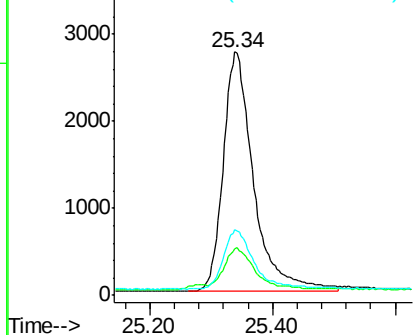
#35
 Indeno(1,2,3-cd)pyrene
 Concen: 0.432 ng
 RT: 25.34 min Scan# 3082
 Delta R.T. -0.01 min
 Lab File: BN011095.D
 Acq: 02 Jul 2020 20:41

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion:276 Resp: 9425
 Ion Ratio Lower Upper
 276 100
 138 15.0 15.4 23.0#
 277 24.3 19.4 29.0

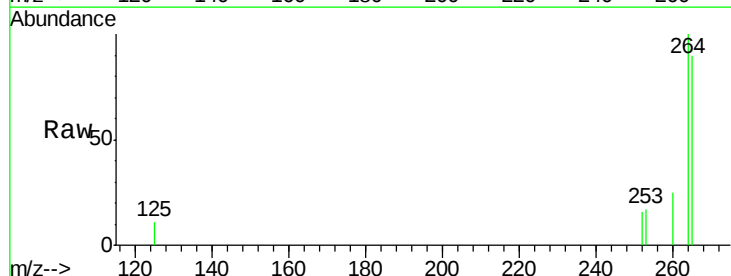


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

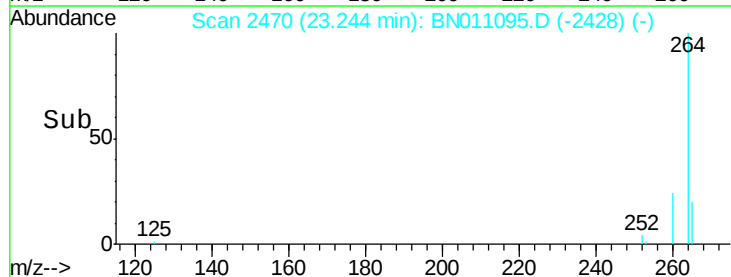
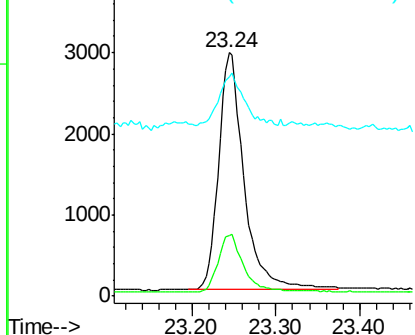


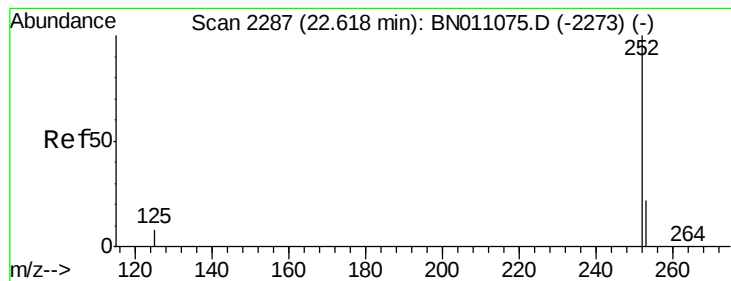
#36
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.24 min Scan# 2470
 Delta R.T. -0.01 min
 Lab File: BN011095.D
 Acq: 02 Jul 2020 20:41

Tgt Ion:264 Resp: 6166
 Ion Ratio Lower Upper
 264 100
 260 25.1 20.4 30.6
 265 90.1 83.0 124.6



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: 0.357 ng

RT: 22.61 min Scan# 2285

Delta R.T. -0.01 min

Lab File: BN011095.D

Acq: 02 Jul 2020 20:41

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

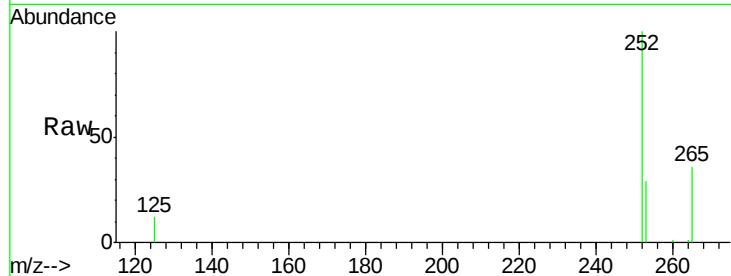
Tot Ion:252 Resp: 8831

Ion Ratio Lower Upper

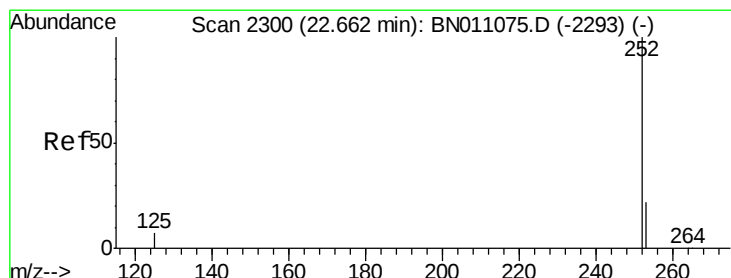
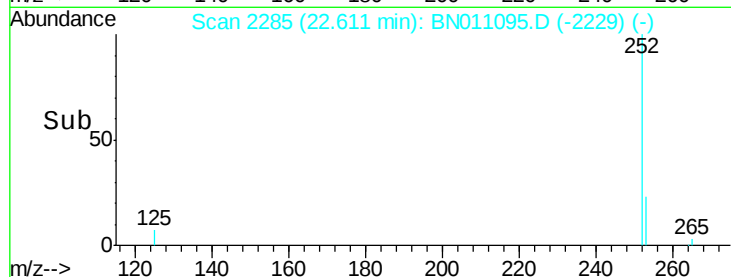
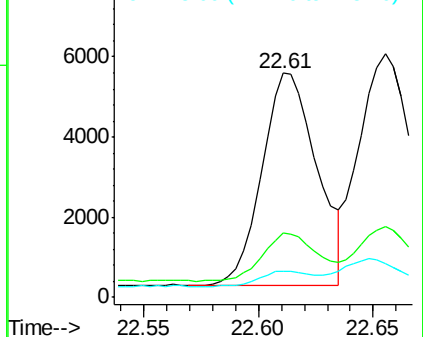
252 100

253 28.8 22.7 34.1

125 11.7 10.4 15.6



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



#38

Benzo(k)fluoranthene

Concen: 0.398 ng

RT: 22.66 min Scan# 2298

Delta R.T. -0.01 min

Lab File: BN011095.D

Acq: 02 Jul 2020 20:41

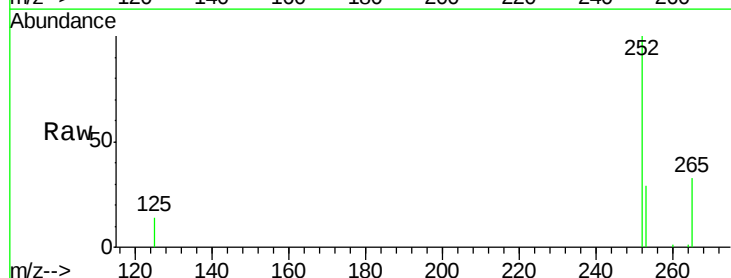
Tgt Ion:252 Resp: 10525

Ion Ratio Lower Upper

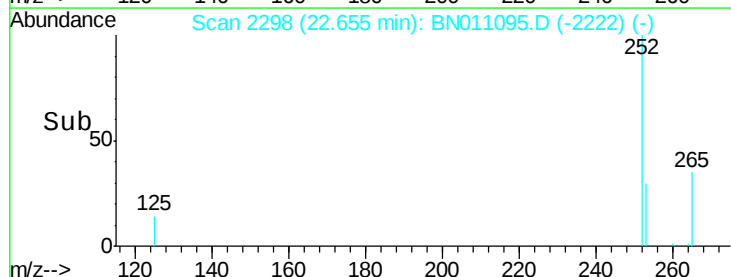
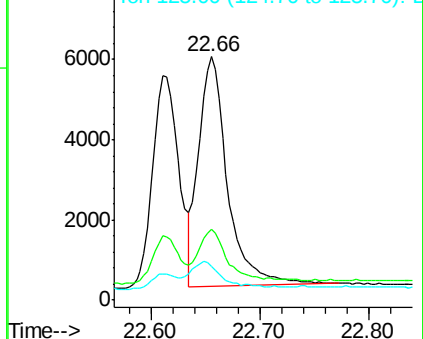
252 100

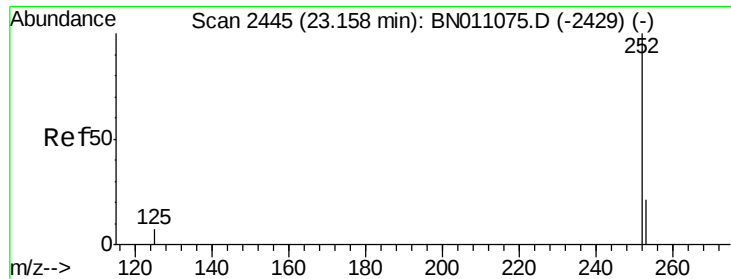
253 28.9 22.9 34.3

125 13.7 10.6 15.8



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





#39

Benzo(a)pyrene

Concen: 0.390 ng

RT: 23.15 min Scan# 2444

Delta R.T. -0.00 min

Lab File: BN011095.D

Acq: 02 Jul 2020 20:41

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

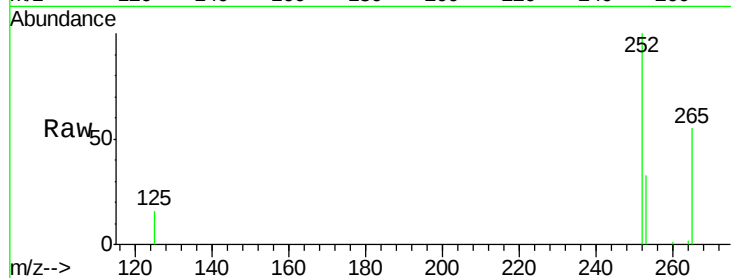
Tot Ion:252 Resp: 8319

Ion Ratio Lower Upper

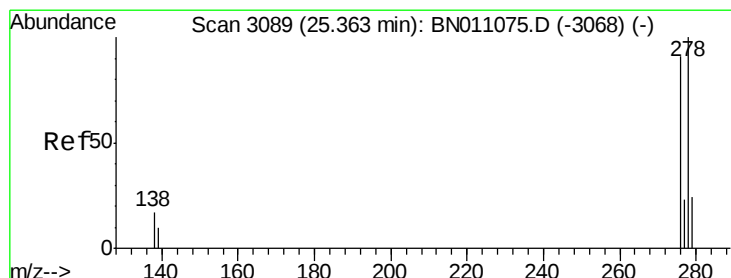
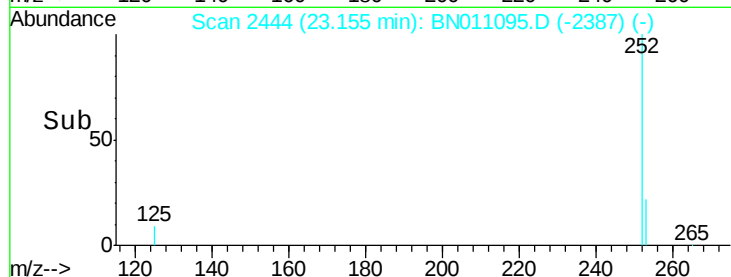
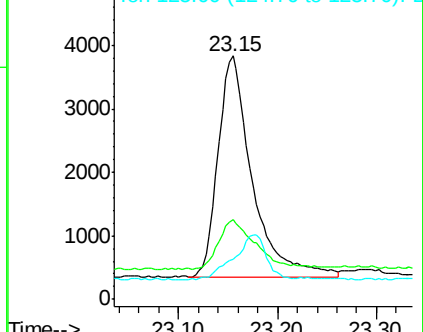
252 100

253 32.7 25.9 38.9

125 16.4 12.5 18.7



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: 0.336 ng

RT: 25.36 min Scan# 3088

Delta R.T. -0.00 min

Lab File: BN011095.D

Acq: 02 Jul 2020 20:41

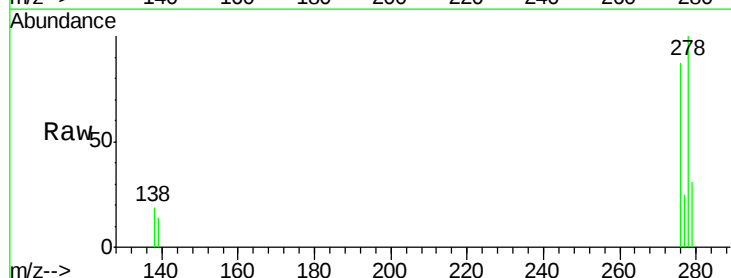
Tgt Ion:278 Resp: 7331

Ion Ratio Lower Upper

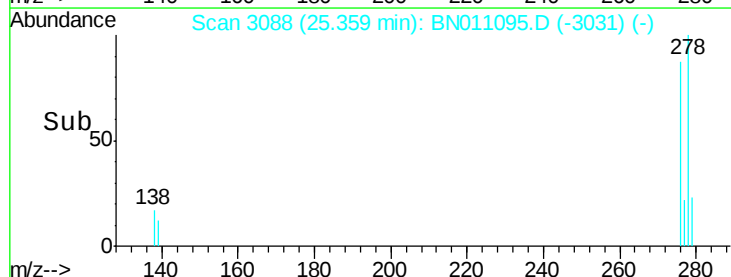
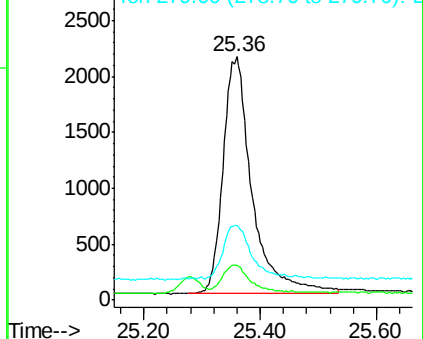
278 100

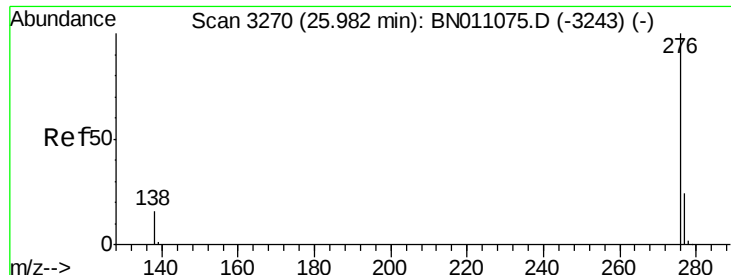
139 14.1 11.9 17.9

279 30.6 25.5 38.3



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: 0.345 ng

RT: 25.97 min Scan# 3266

Delta R.T. -0.01 min

Lab File: BN011095.D

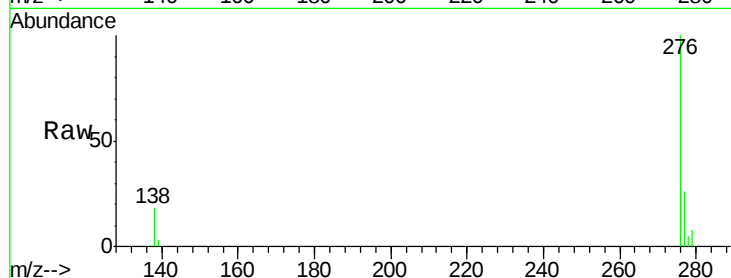
Acq: 02 Jul 2020 20:41

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC



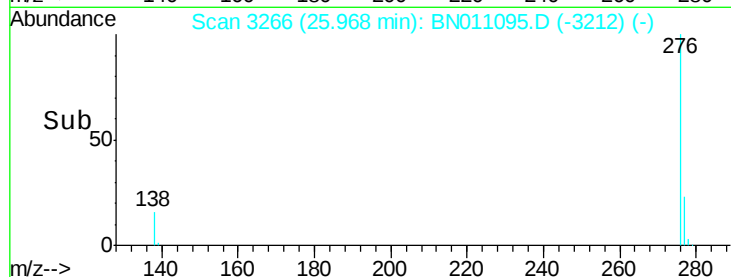
Tot Ion: 276 Resp: 8303

Ion Ratio Lower Upper

276 100

277 25.6 21.1 31.7

138 17.8 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

