

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN063020\
 Data File : BN011073.D
 Acq On : 30 Jun 2020 09:56
 Operator : CG/JU
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.1

Quant Time: Jun 30 11:45:59 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 11:38:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	1831	0.40	ng	0.00
7) Naphthalene-d8	10.27	136	5594	0.40	ng	0.00
13) Acenaphthene-d10	14.14	164	2921	0.40	ng	0.01
19) Phenanthrene-d10	16.90	188	5856	0.40	ng	0.00
29) Chrysene-d12	21.11	240	5301	0.40	ng	0.00
36) Perylene-d12	23.25	264	5096	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.19	112	462	0.09	ng	0.00
5) Phenol-d6	6.74	99	497	0.08	ng	0.00
8) Nitrobenzene-d5	8.68	82	421	0.08	ng	0.03
11) 2-Methylnaphthalene-d10	11.88	152	1080	0.11	ng	0.01
14) 2,4,6-Tribromophenol	15.67	330	135	0.11	ng	0.01
15) 2-Fluorobiphenyl	12.77	172	1426	0.10	ng	0.01
27) Fluoranthene-d10	18.94	212	1990	0.11	ng	0.00
31) Terphenyl-d14	19.56	244	1603	0.11	ng	0.00

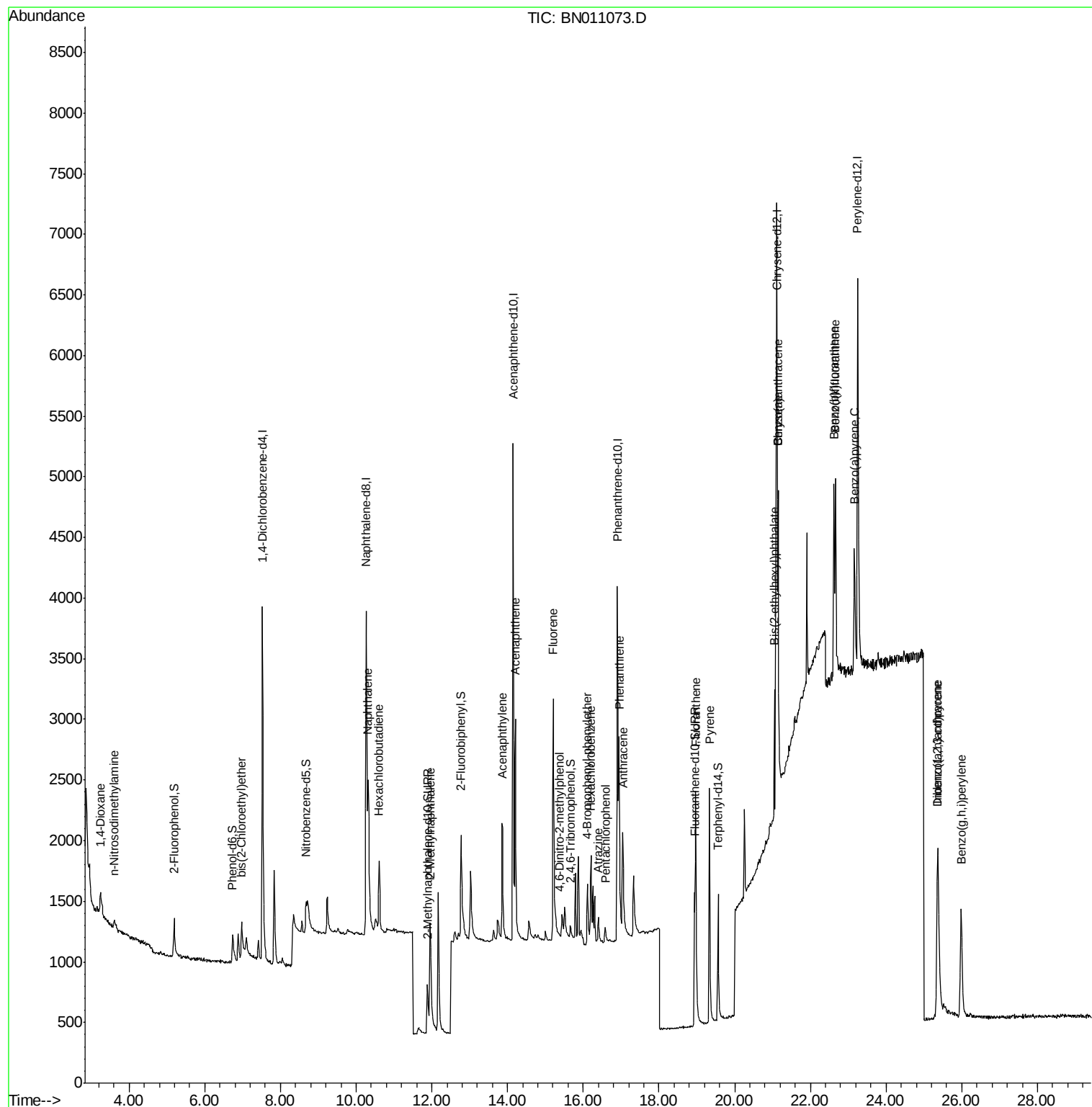
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.25	88	265	0.108	ng	98
3) n-Nitrosodimethylamine	3.60	42	81	0.059	ng	# 99
6) bis(2-Chloroethyl)ether	6.98	93	464	0.088	ng	97
9) Naphthalene	10.32	128	1849	0.109	ng	# 92
10) Hexachlorobutadiene	10.61	225	475	0.116	ng	# 96
12) 2-Methylnaphthalene	11.96	142	1250	0.110	ng	# 94
16) Acenaphthylene	13.85	152	1575	0.107	ng	99
17) Acenaphthene	14.21	154	1119	0.113	ng	99
18) Fluorene	15.21	166	1369	0.109	ng	99
20) 4,6-Dinitro-2-methylphenol	15.38	198	36	0.037	ng	# 46
21) 4-Bromophenyl-phenylether	16.11	248	361	0.089	ng	98
22) Hexachlorobenzene	16.20	284	524	0.117	ng	94
23) Atrazine	16.40	200	283	0.095	ng	# 77
24) Pentachlorophenol	16.58	266	129	0.091	ng	97
25) Phenanthrene	16.95	178	2083	0.106	ng	98
26) Anthracene	17.04	178	1610	0.098	ng	100
28) Fluoranthene	18.97	202	2281	0.101	ng	97
30) Pvrene	19.33	202	2323	0.114	ng	99
32) Benzo(a)anthracene	21.14	228	2428	0.132	ng	92
33) Chrysene	21.14	228	2428	0.121	ng	95
34) Bis(2-ethylhexyl)phthalate	21.05	149	900	0.122	ng	100
35) Indeno(1,2,3-cd)pyrene	25.36	276	2473	0.111	ng	98
37) Benzo(b)fluoranthene	22.62	252	2169	0.108	ng	# 65
38) Benzo(k)fluoranthene	22.67	252	2355	0.112	ng	# 65
39) Benzo(a)pyrene	23.17	252	1980	0.111	ng	# 52
40) Dibenzo(a,h)anthracene	25.38	278	1981	0.103	ng	# 64
41) Benzo(g,h,i)perylene	25.98	276	2252	0.113	ng	# 87

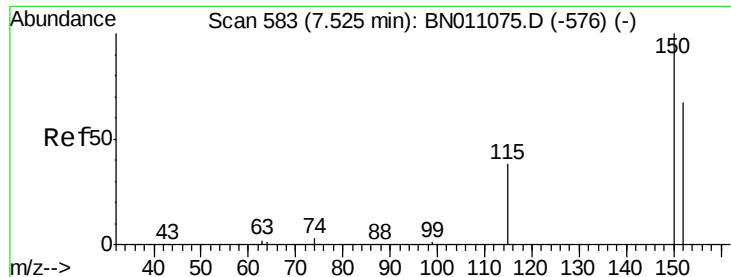
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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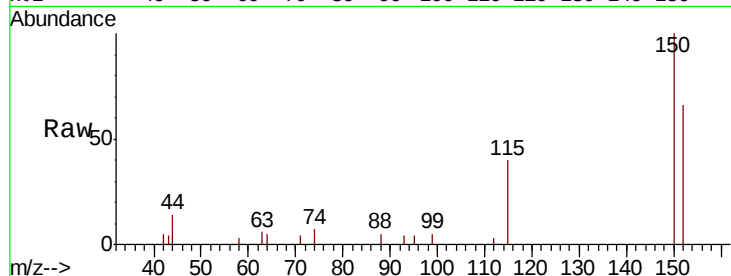


#1

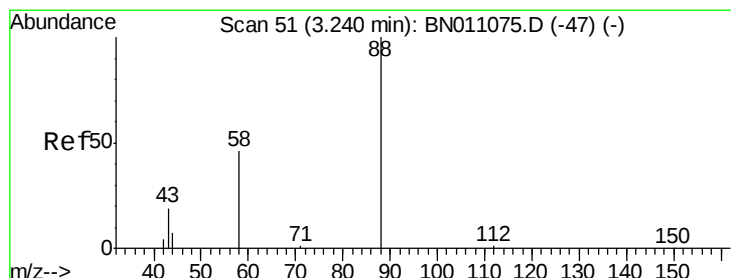
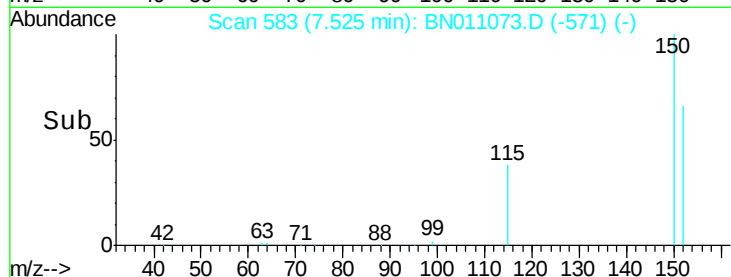
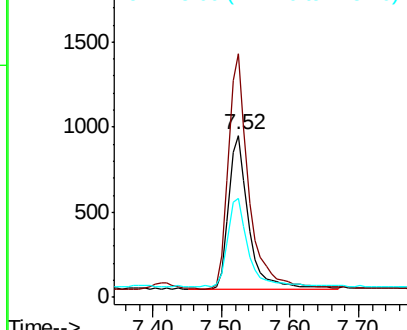
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.52 min Scan# 583
Delta R.T. -0.00 min
Lab File: BN011073.D
Acq: 30 Jun 2020 09:56

Instrument :
BNA_N
ClientSampleId :
SSTDIC0.1

Tot Ion:152 Resp: 1831
Ion Ratio Lower Upper
152 100
150 150.5 117.4 176.0
115 60.9 47.9 71.9



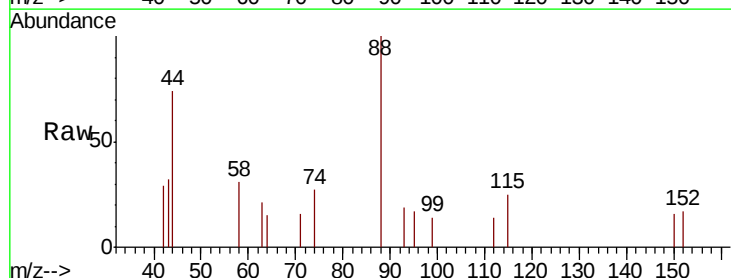
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



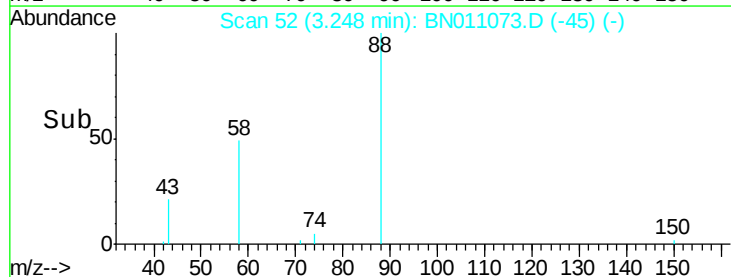
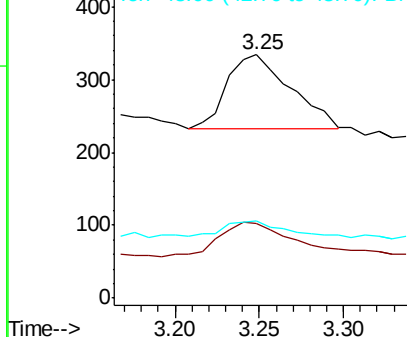
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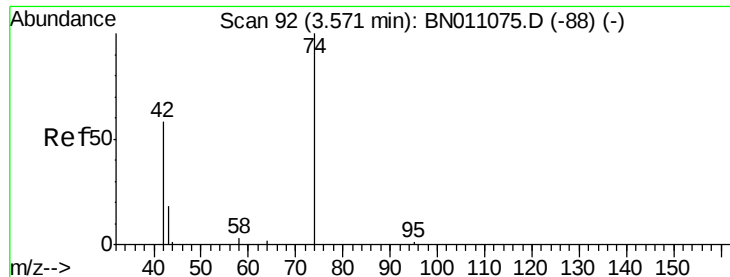
1,4-Dioxane
Concen: 0.108 ng
RT: 3.25 min Scan# 52
Delta R.T. 0.01 min
Lab File: BN011073.D
Acq: 30 Jun 2020 09:56

Tgt Ion: 88 Resp: 265
Ion Ratio Lower Upper
88 100
58 46.8 38.6 57.8
43 20.4 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



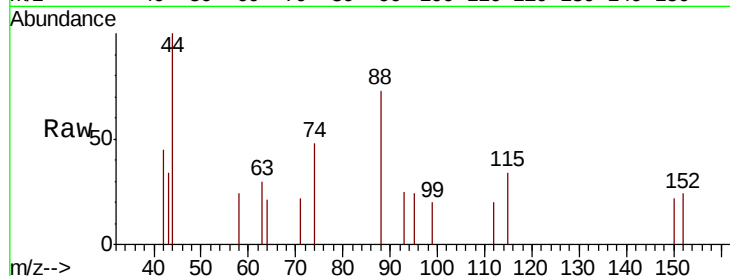


#3

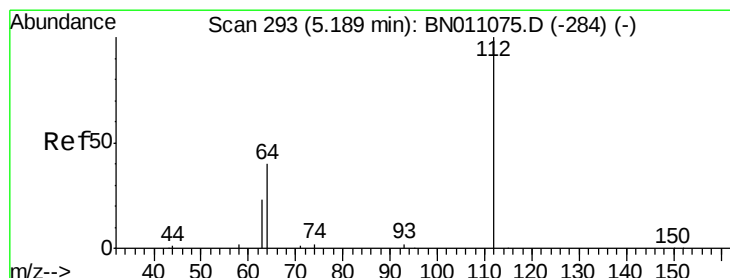
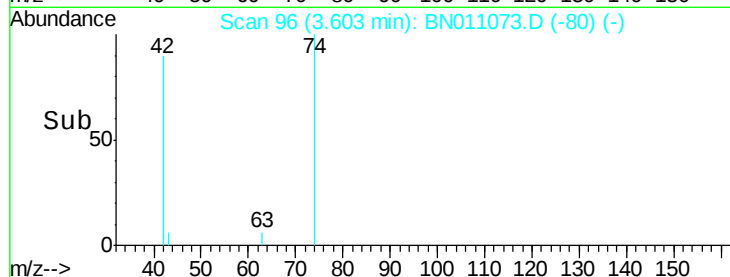
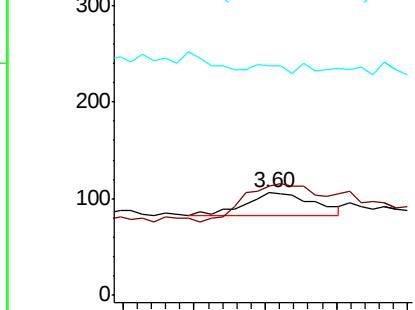
n-Nitrosodimethylamine
 Concen: 0.059 ng
 RT: 3.60 min Scan# 96
 Delta R.T. 0.03 min
 Lab File: BN011073.D
 Acq: 30 Jun 2020 09:56

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.1

Tot Ion: 42 Resp: 81
 Ion Ratio Lower Upper
 42 100
 74 179.0 142.5 213.7
 44 16.0 0.0 0.0#



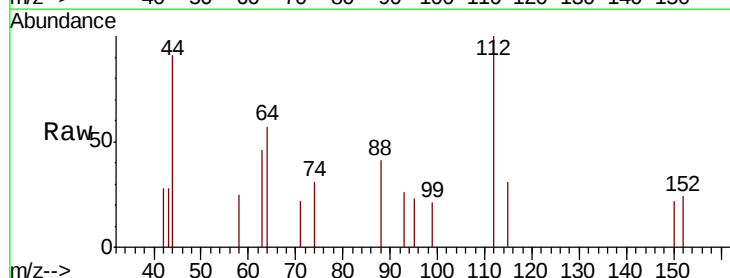
Abundance Ion 42.00 (41.70 to 42.70): BN0
 Ion 74.00 (73.70 to 74.70): BN0
 Ion 44.00 (43.70 to 44.70): BN0



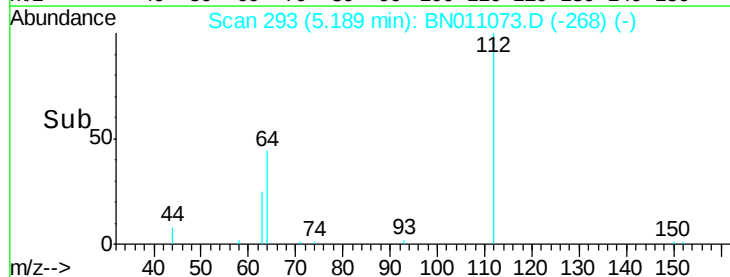
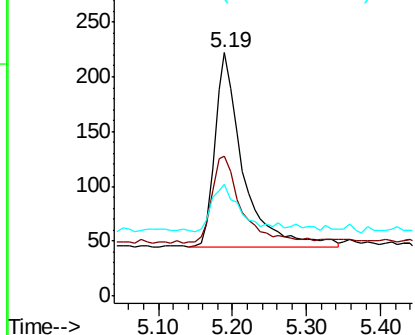
#4

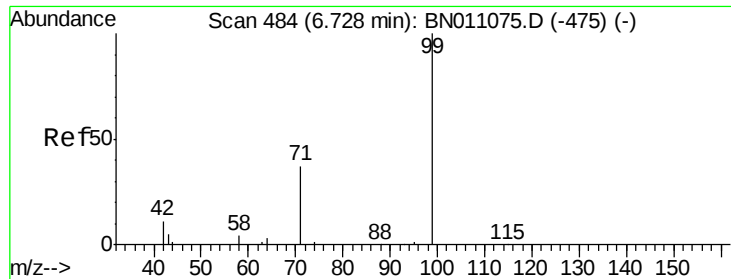
2-Fluorophenol
 Concen: 0.090 ng
 RT: 5.19 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: BN011073.D
 Acq: 30 Jun 2020 09:56

Tgt Ion: 112 Resp: 462
 Ion Ratio Lower Upper
 112 100
 64 48.1 36.5 54.7
 63 23.8 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: 0.081 ng

RT: 6.74 min Scan# 485

Delta R.T. 0.01 min

Lab File: BN011073.D

Acq: 30 Jun 2020 09:56

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

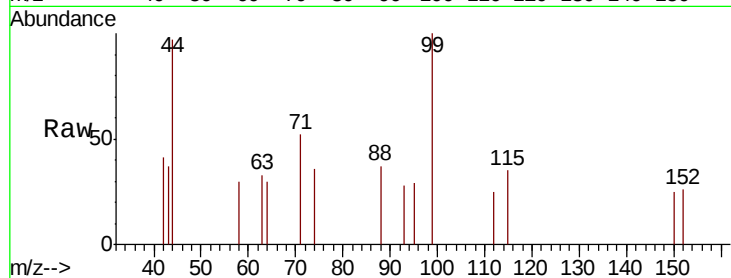
Tot Ion: 99 Resp: 497

Ion Ratio Lower Upper

99 100

42 13.5 9.8 14.8

71 35.2 30.7 46.1



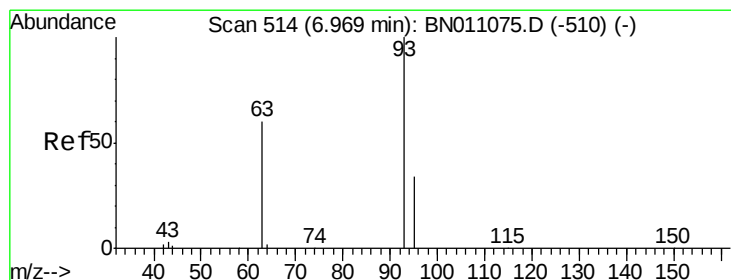
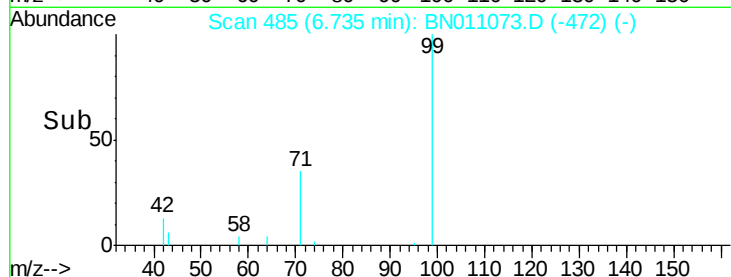
Abundance Ion 99.00 (98.70 to 99.70): BN011073.D (-475) (-)

Ion 42.00 (41.70 to 42.70): BN011073.D (-475) (-)

Ion 71.00 (70.70 to 71.70): BN011073.D (-475) (-)

Time-->

6.60 6.70 6.80 6.90



#6

bis(2-Chloroethyl)ether

Concen: 0.088 ng

RT: 6.98 min Scan# 515

Delta R.T. 0.01 min

Lab File: BN011073.D

Acq: 30 Jun 2020 09:56

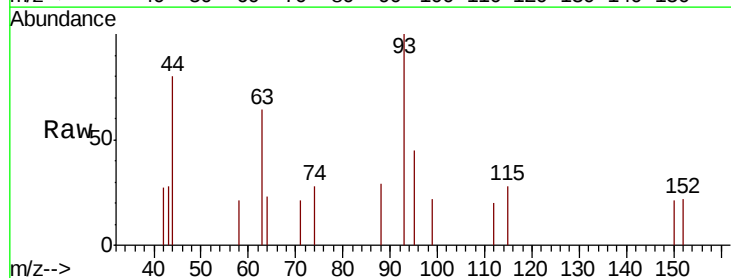
Tgt Ion: 93 Resp: 464

Ion Ratio Lower Upper

93 100

63 55.8 47.4 71.2

95 33.2 26.4 39.6



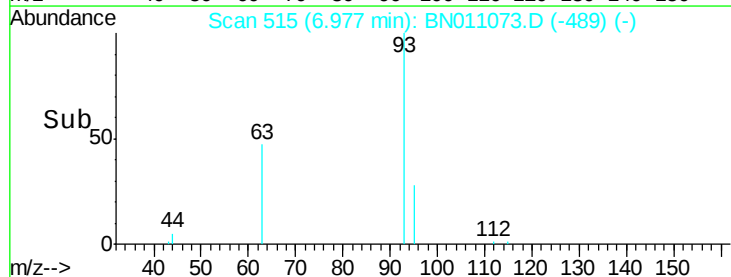
Abundance Ion 93.00 (92.70 to 93.70): BN011073.D (-489) (-)

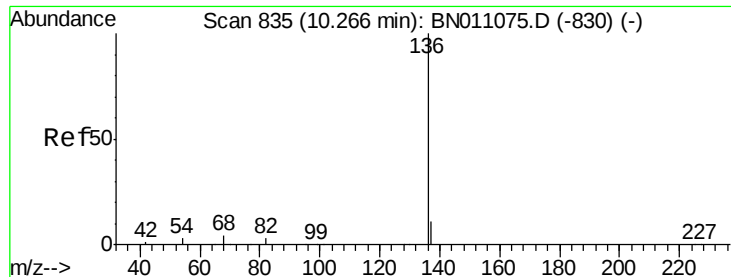
Ion 63.00 (62.70 to 63.70): BN011073.D (-489) (-)

Ion 95.00 (94.70 to 95.70): BN011073.D (-489) (-)

Time-->

6.90 7.00 7.10





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.27 min Scan# 835

Delta R.T. -0.00 min

Lab File: BN011073.D

Acq: 30 Jun 2020 09:56

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

Tot Ion:136 Resp: 5594

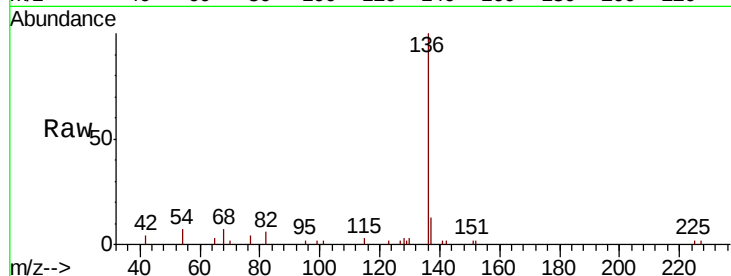
Ion Ratio Lower Upper

136 100

137 12.9 9.6 14.4

54 6.6 3.8 5.6#

68 6.8 4.3 6.5#

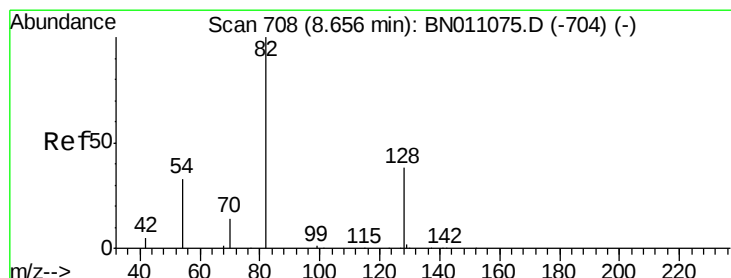
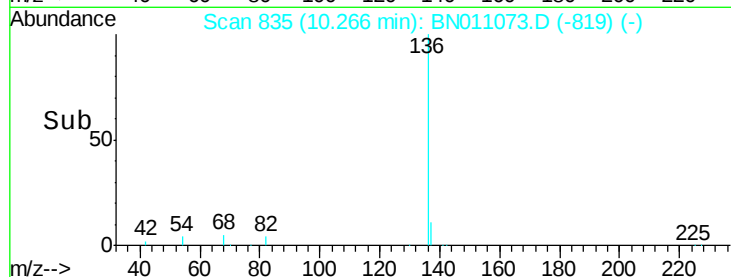
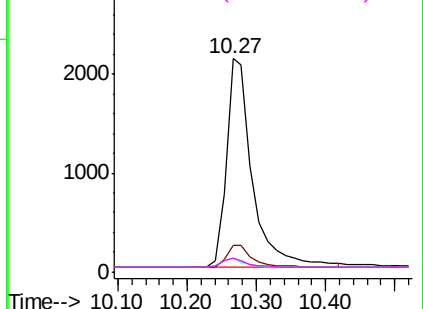


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 0.083 ng

RT: 8.68 min Scan# 710

Delta R.T. 0.03 min

Lab File: BN011073.D

Acq: 30 Jun 2020 09:56

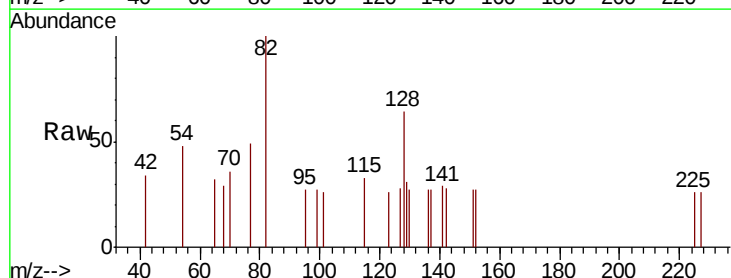
Tgt Ion: 82 Resp: 421

Ion Ratio Lower Upper

82 100

128 64.4 34.2 51.2#

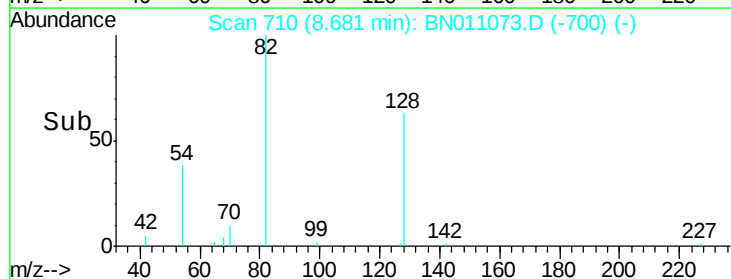
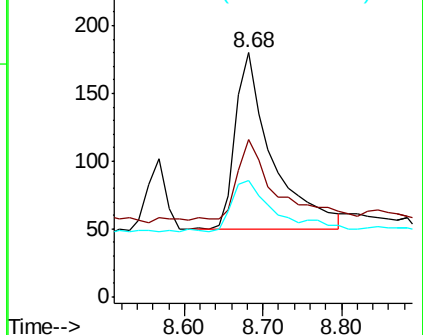
54 47.8 29.4 44.0#

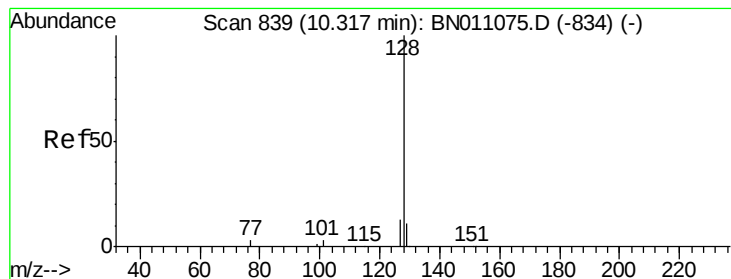


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.109 ng

RT: 10.32 min Scan# 839

Delta R.T. -0.00 min

Lab File: BN011073.D

Acq: 30 Jun 2020 09:56

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

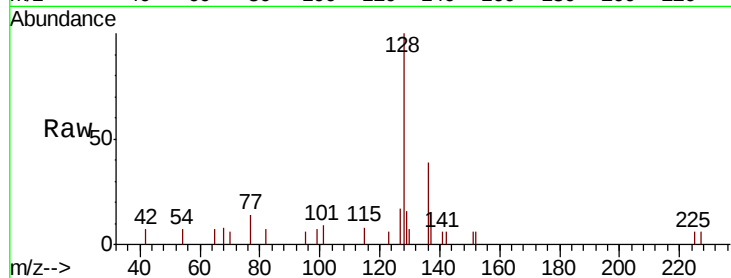
Tot Ion:128 Resp: 1849

Ion Ratio Lower Upper

128 100

129 15.6 9.8 14.8#

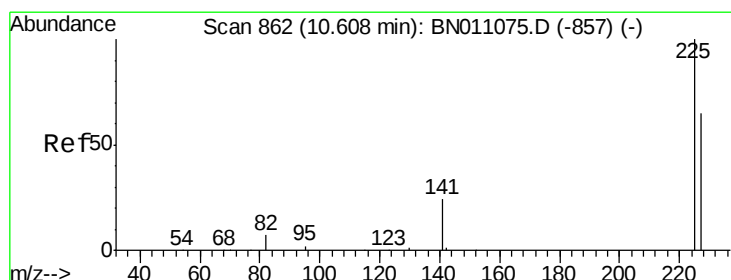
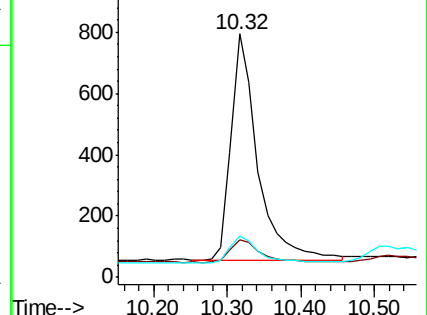
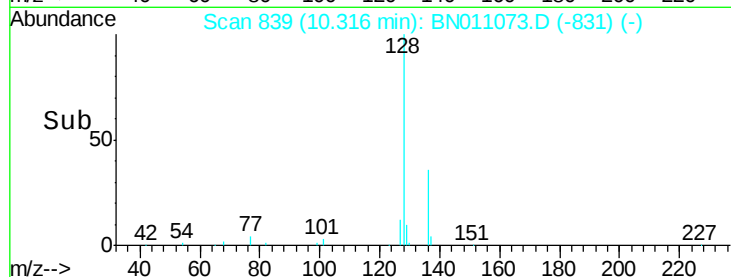
127 17.2 11.3 16.9#



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: 0.116 ng

RT: 10.61 min Scan# 862

Delta R.T. -0.00 min

Lab File: BN011073.D

Acq: 30 Jun 2020 09:56

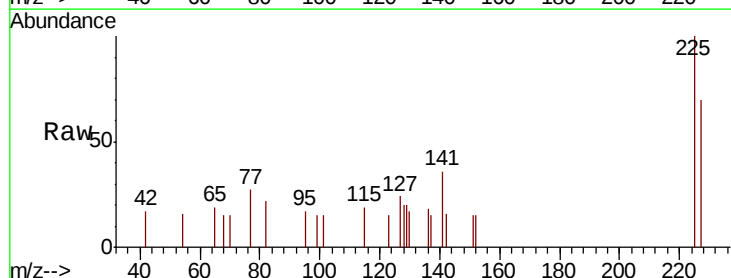
Tgt Ion:225 Resp: 475

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

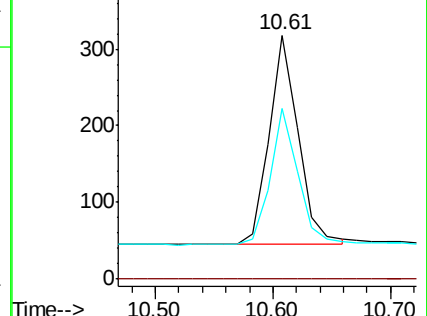
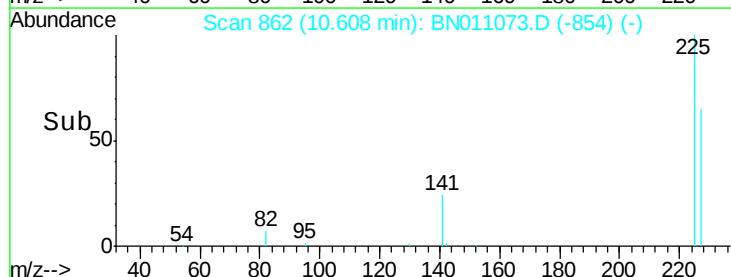
227 61.1 51.4 77.2

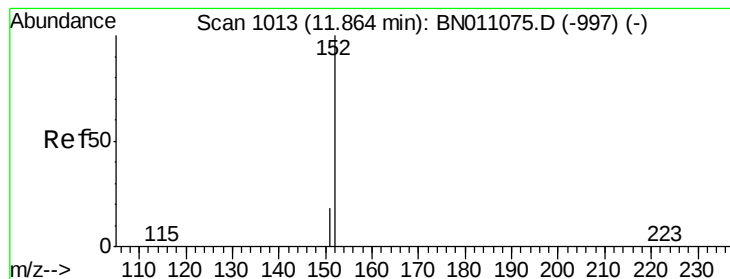


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.109 ng

RT: 11.88 min Scan# 1016

Delta R.T. 0.01 min

Lab File: BN011073.D

Acq: 30 Jun 2020 09:56

Instrument :

BNA_N

ClientSampleId :

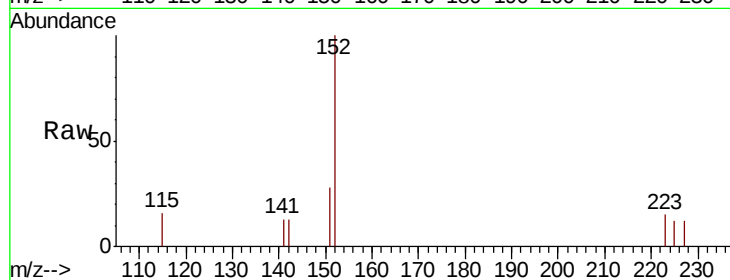
SSTDICC0.1

Tot Ion:152 Resp: 1080

Ion Ratio Lower Upper

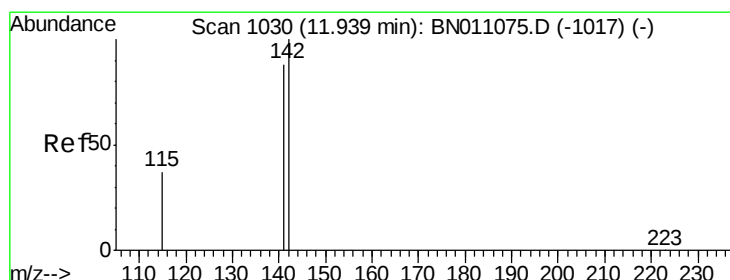
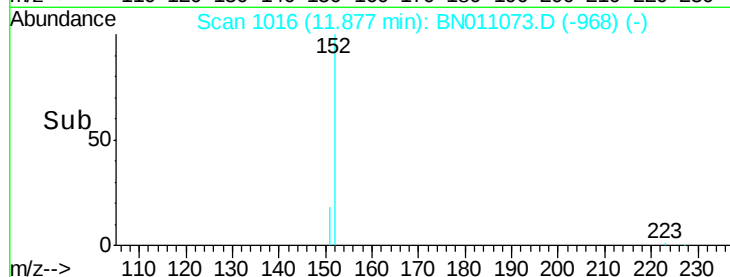
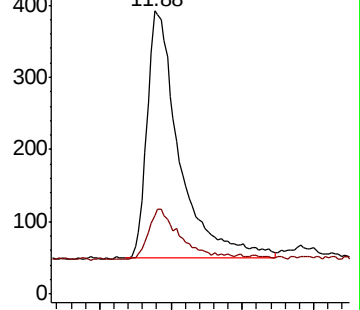
152 100

151 20.2 16.6 24.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.110 ng

RT: 11.96 min Scan# 1034

Delta R.T. 0.02 min

Lab File: BN011073.D

Acq: 30 Jun 2020 09:56

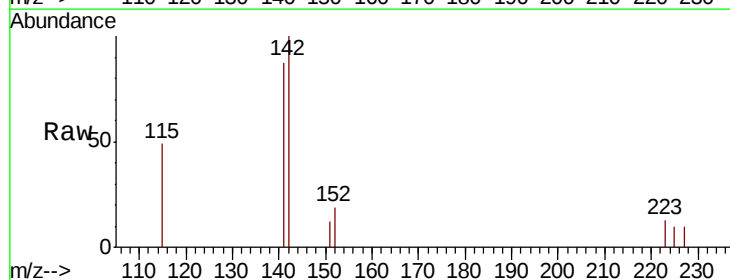
Tgt Ion:142 Resp: 1250

Ion Ratio Lower Upper

142 100

141 87.0 70.3 105.5

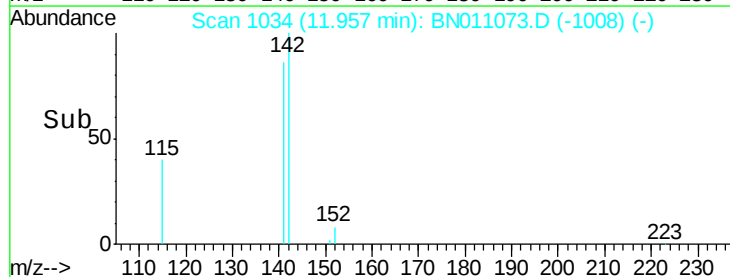
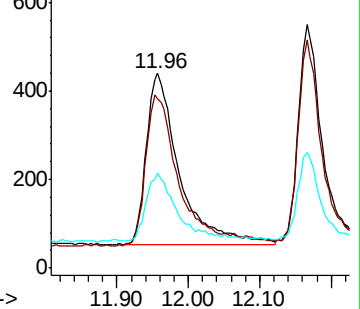
115 49.2 31.2 46.8#

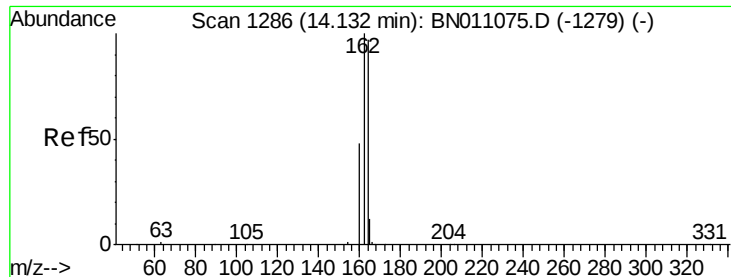


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.14 min Scan# 1287

Delta R.T. 0.01 min

Lab File: BN011073.D

Acq: 30 Jun 2020 09:56

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

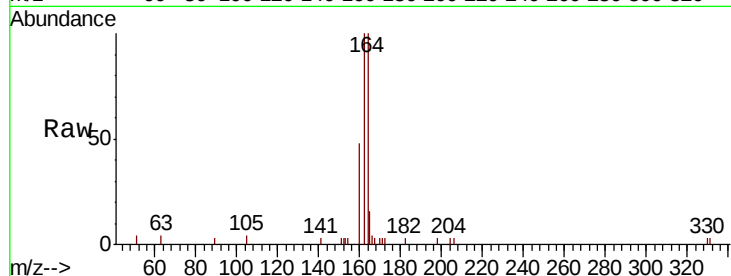
Tot Ion:164 Resp: 2921

Ion Ratio Lower Upper

164 100

162 100.5 82.3 123.5

160 48.1 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

14.14

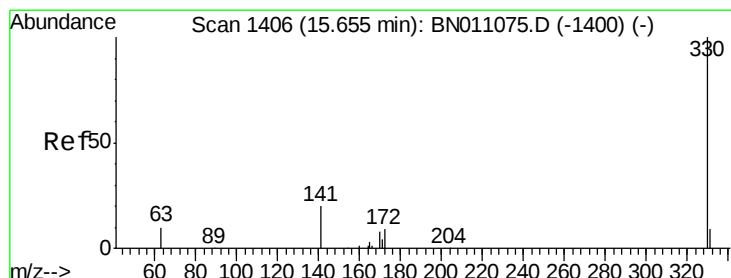
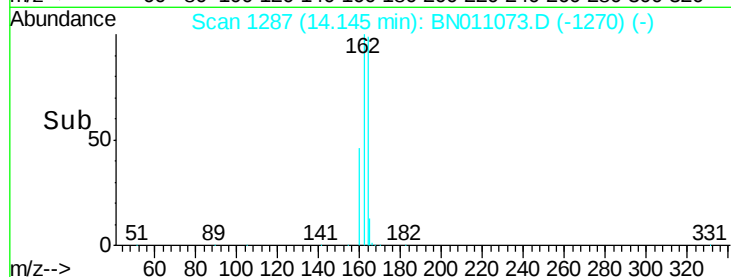
1500

1000

500

0

Time--> 14.00 14.10 14.20 14.30



#14

2,4,6-Tribromophenol

Concen: 0.105 ng

RT: 15.67 min Scan# 1407

Delta R.T. 0.01 min

Lab File: BN011073.D

Acq: 30 Jun 2020 09:56

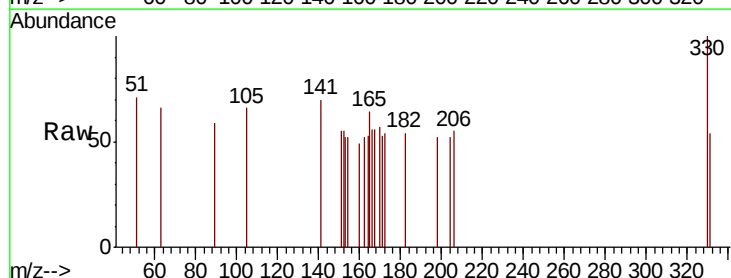
Tgt Ion:330 Resp: 135

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 37.8 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

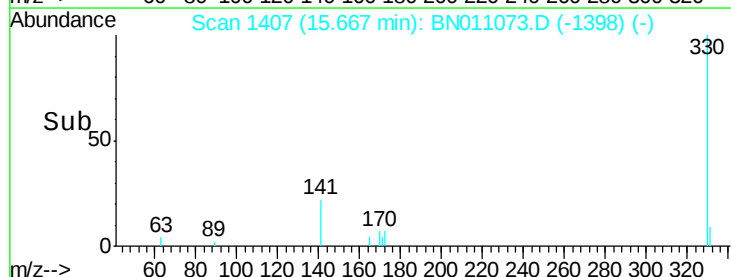
15.67

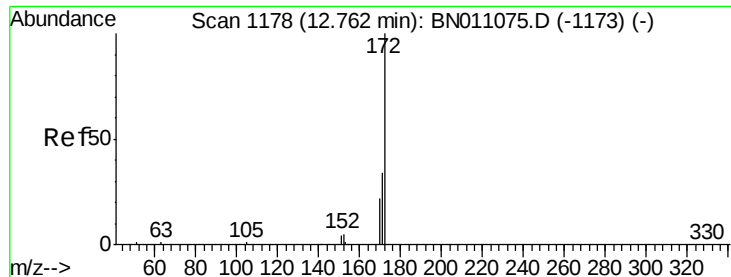
100

50

0

Time--> 15.60 15.70 15.80

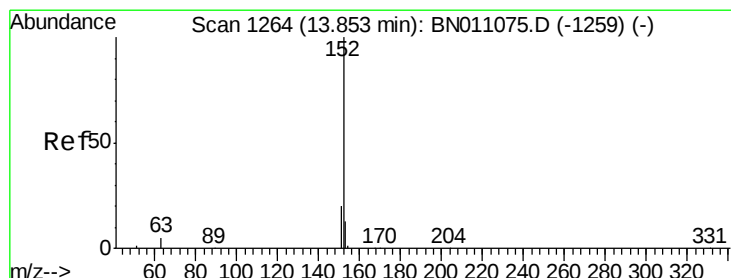
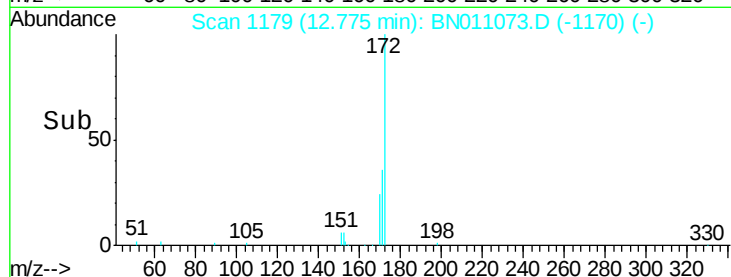
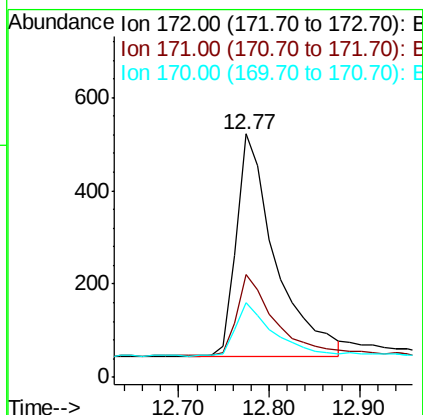
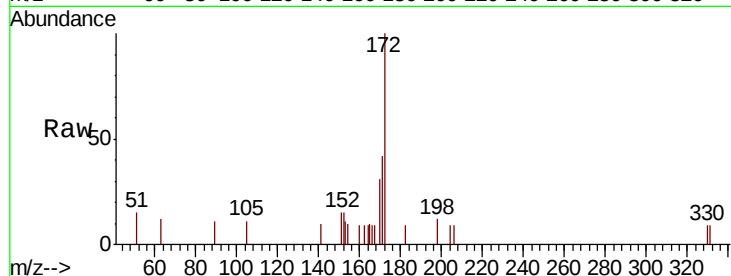




#15
2-Fluorobiphenyl
Concen: 0.105 ng
RT: 12.77 min Scan# 1179
Delta R.T. 0.01 min
Lab File: BN011073.D
Acq: 30 Jun 2020 09:56

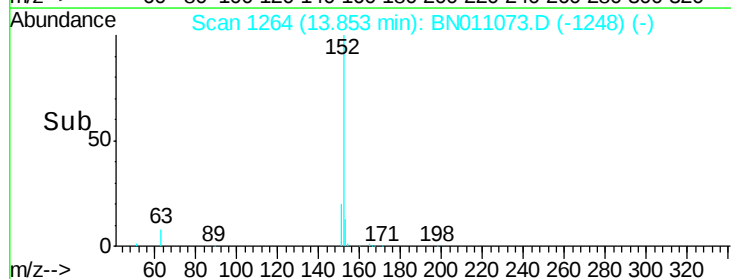
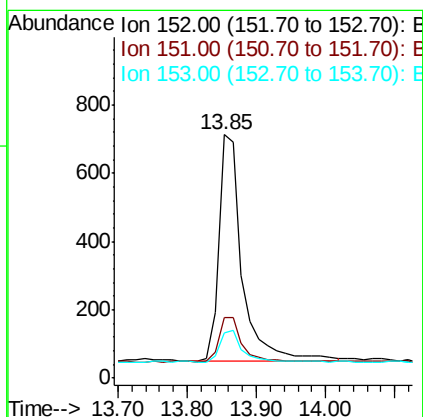
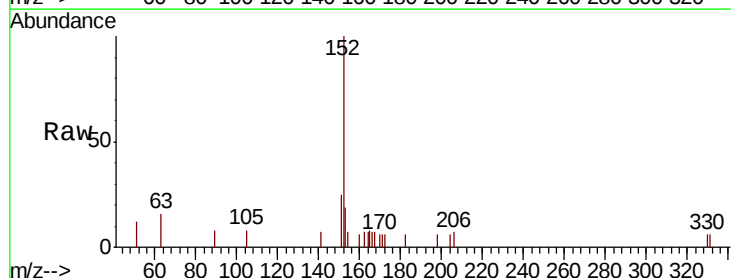
Instrument :
BNA_N
ClientSampleId :
SSTDIC0.1

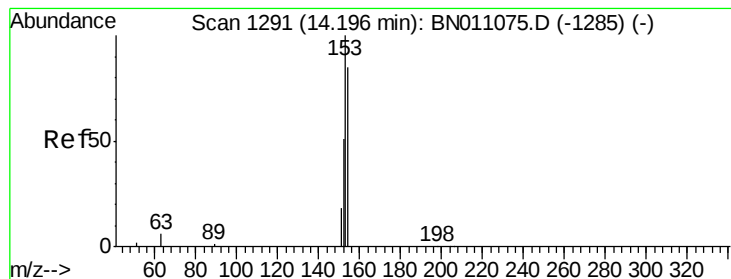
Tot Ion:172 Resp: 1426
Ion Ratio Lower Upper
172 100
171 42.0 27.9 41.9#
170 30.7 18.7 28.1#



#16
Acenaphthylene
Concen: 0.107 ng
RT: 13.85 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BN011073.D
Acq: 30 Jun 2020 09:56

Tgt Ion:152 Resp: 1575
Ion Ratio Lower Upper
152 100
151 20.1 15.8 23.8
153 13.1 10.8 16.2





#17

Acenaphthene

Concen: 0.113 ng

RT: 14.21 min Scan# 1292

Delta R.T. 0.01 min

Lab File: BN011073.D

Acq: 30 Jun 2020 09:56

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

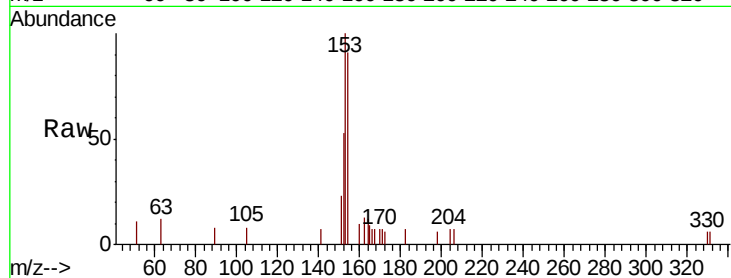
Tot Ion:154 Resp: 1119

Ion Ratio Lower Upper

154 100

153 116.1 91.7 137.5

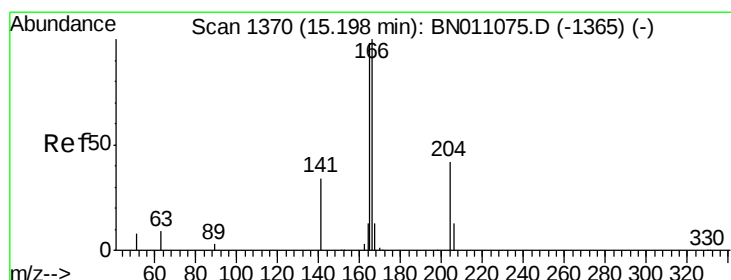
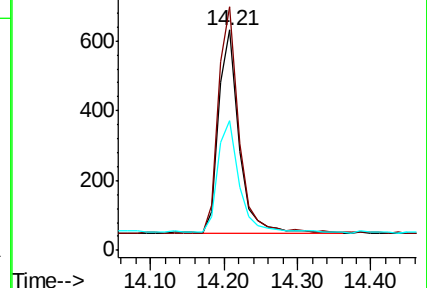
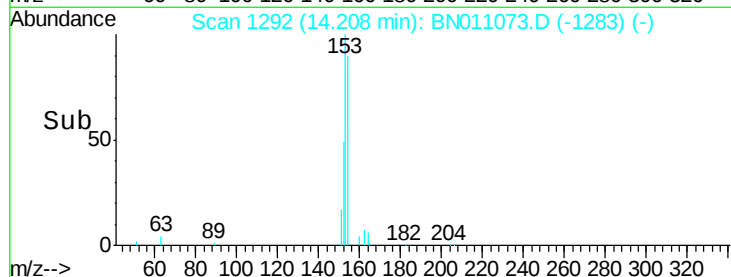
152 57.5 46.8 70.2



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: 0.109 ng

RT: 15.21 min Scan# 1371

Delta R.T. 0.01 min

Lab File: BN011073.D

Acq: 30 Jun 2020 09:56

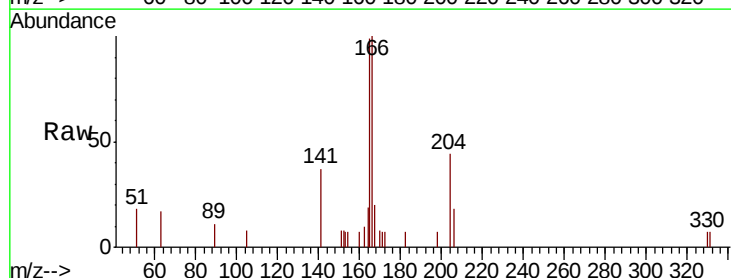
Tgt Ion:166 Resp: 1369

Ion Ratio Lower Upper

166 100

165 99.3 78.9 118.3

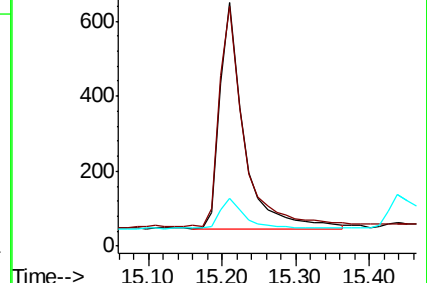
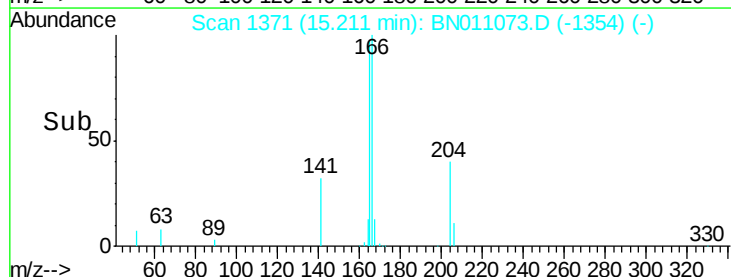
167 15.0 10.9 16.3

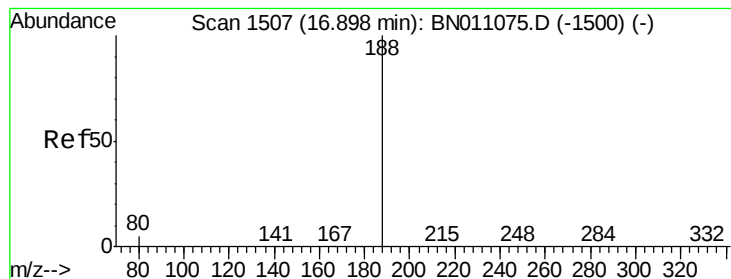


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.90 min Scan# 1507

Delta R.T. -0.00 min

Lab File: BN011073.D

Acq: 30 Jun 2020 09:56

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

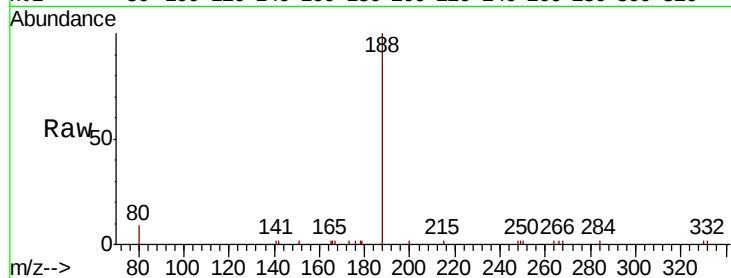
Tot Ion:188 Resp: 5856

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

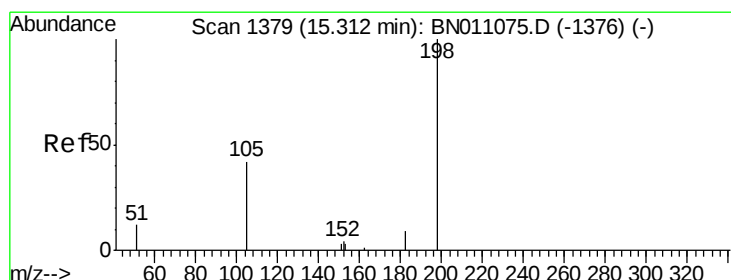
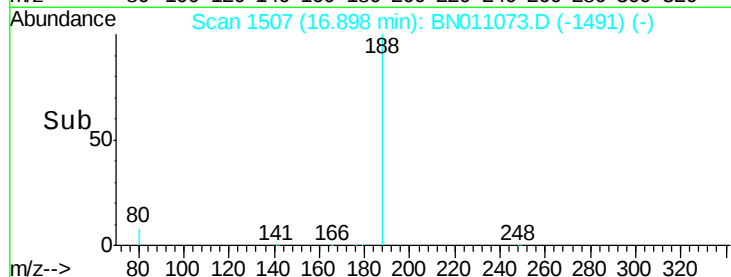
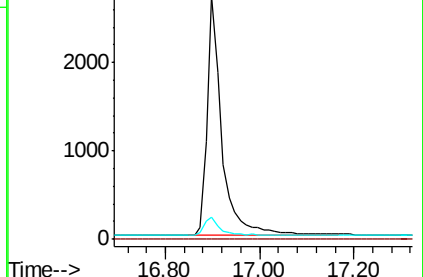
80 9.2 5.3 7.9#



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: 0.037 ng

RT: 15.38 min Scan# 1384

Delta R.T. 0.06 min

Lab File: BN011073.D

Acq: 30 Jun 2020 09:56

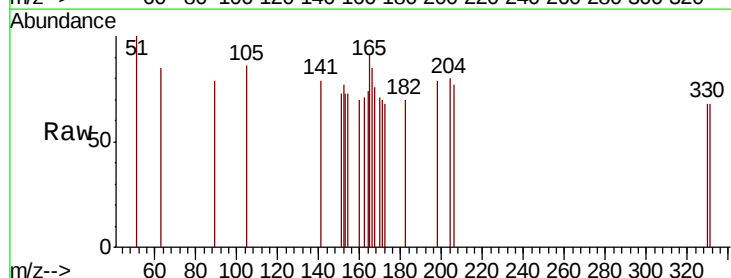
Tgt Ion:198 Resp: 36

Ion Ratio Lower Upper

198 100

51 126.9 58.2 87.4#

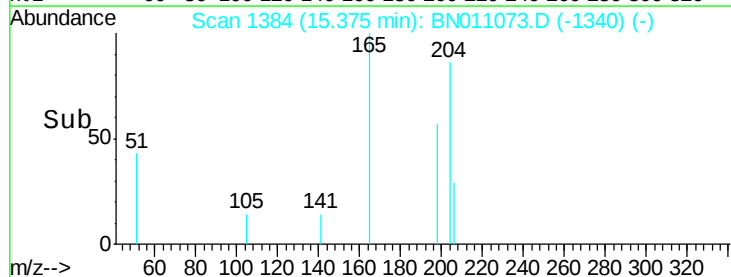
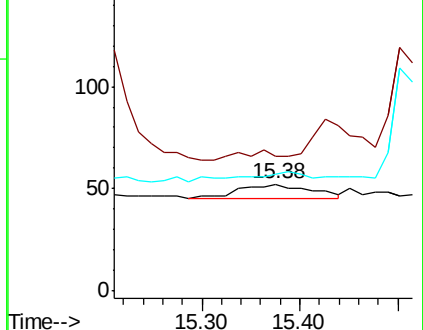
105 109.6 59.0 88.4#

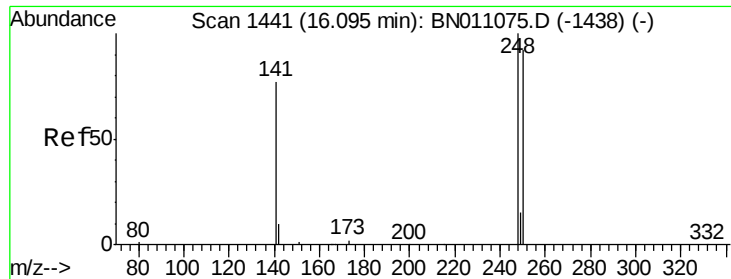


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNO

Ion 105.00 (104.70 to 105.70): E

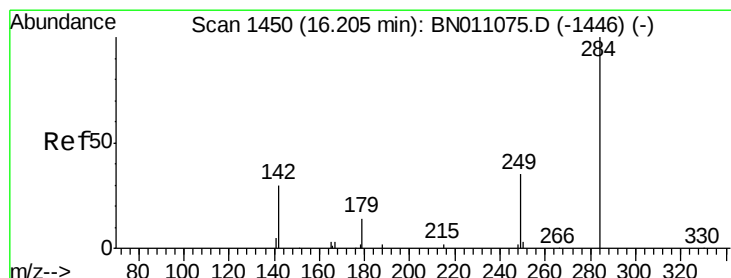
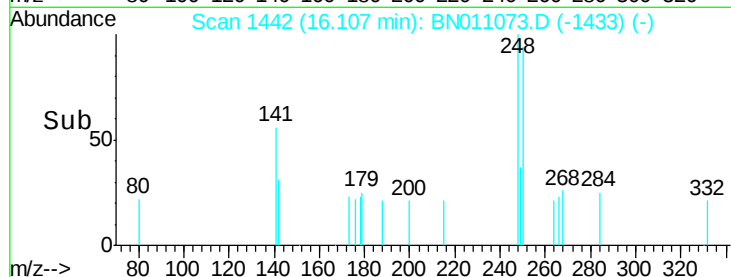
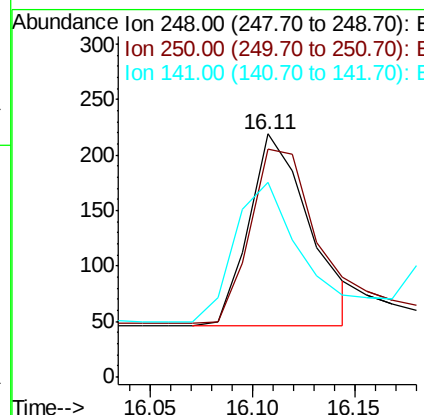
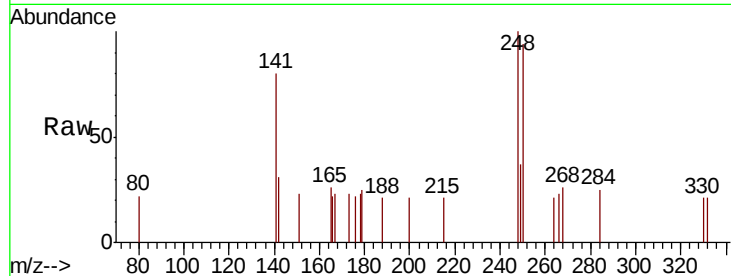




#21
4-Bromophenyl-phenylether
Concen: 0.089 ng
RT: 16.11 min Scan# 1442
Delta R.T. 0.01 min
Lab File: BN011073.D
Acq: 30 Jun 2020 09:56

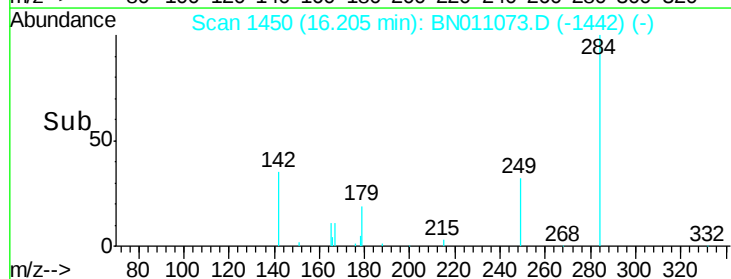
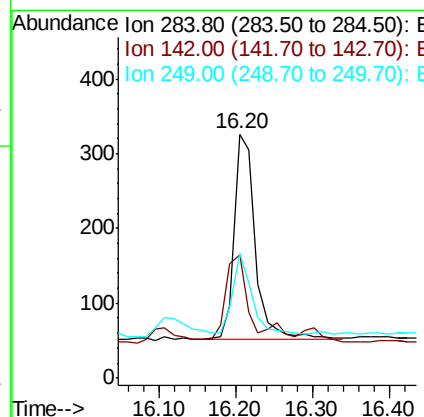
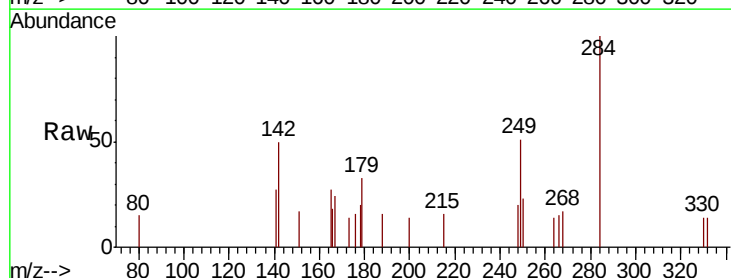
Instrument :
BNA_N
ClientSampleId :
SSTDIC0.1

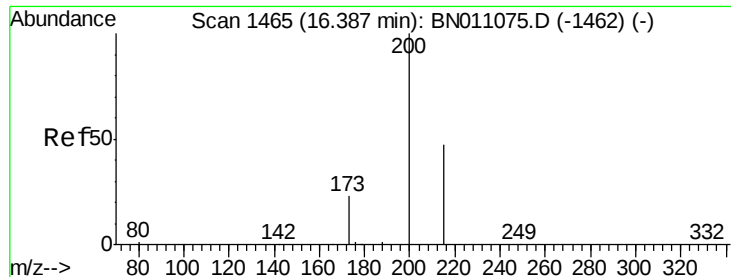
Tot Ion:248 Resp: 361
Ion Ratio Lower Upper
248 100
250 94.1 73.8 110.8
141 80.4 63.1 94.7



#22
Hexachlorobenzene
Concen: 0.117 ng
RT: 16.20 min Scan# 1450
Delta R.T. -0.00 min
Lab File: BN011073.D
Acq: 30 Jun 2020 09:56

Tgt Ion:284 Resp: 524
Ion Ratio Lower Upper
284 100
142 46.8 33.3 49.9
249 36.5 27.4 41.2





#23

Atrazine

Concen: 0.095 ng

RT: 16.40 min Scan# 1466

Delta R.T. 0.01 min

Lab File: BN011073.D

Acq: 30 Jun 2020 09:56

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

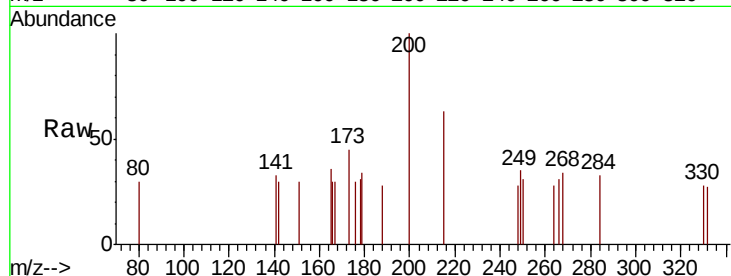
Tot Ion:200 Resp: 283

Ion Ratio Lower Upper

200 100

173 45.2 22.8 34.2#

215 63.3 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

16.40

150

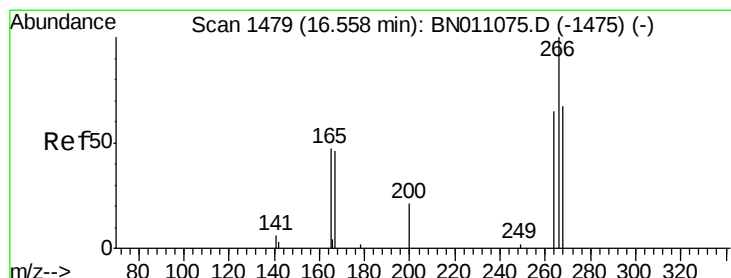
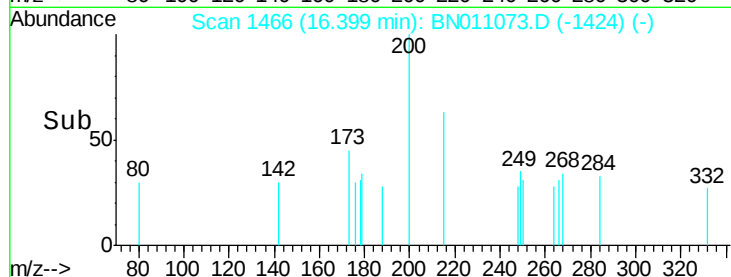
100

50

0

16.30 16.40 16.50

Time-->



#24

Pentachlorophenol

Concen: 0.091 ng

RT: 16.58 min Scan# 1481

Delta R.T. 0.02 min

Lab File: BN011073.D

Acq: 30 Jun 2020 09:56

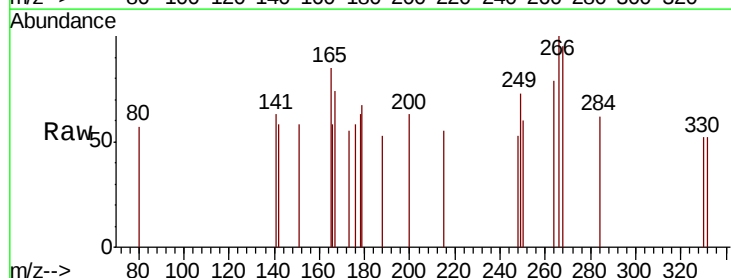
Tgt Ion:266 Resp: 129

Ion Ratio Lower Upper

266 100

264 64.3 47.4 71.0

268 68.2 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

16.58

100

80

60

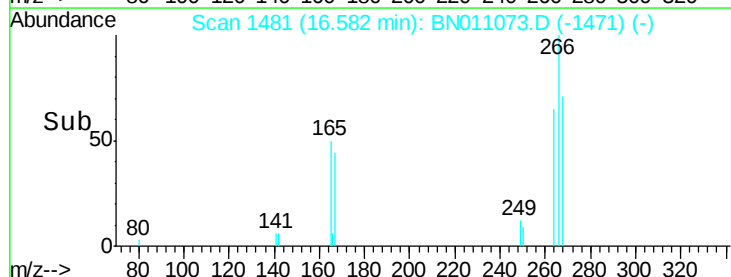
40

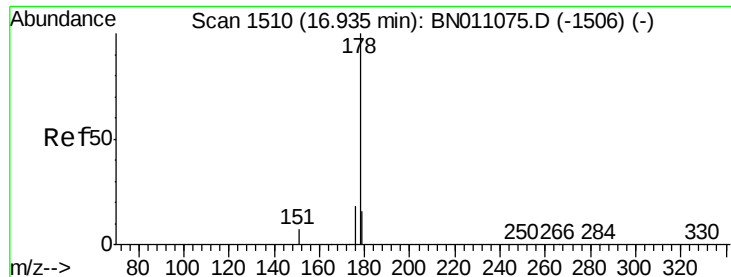
20

0

16.50 16.60 16.70

Time-->





#25

Phenanthrene

Concen: 0.106 ng

RT: 16.95 min Scan# 1511

Delta R.T. 0.01 min

Lab File: BN011073.D

Acq: 30 Jun 2020 09:56

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

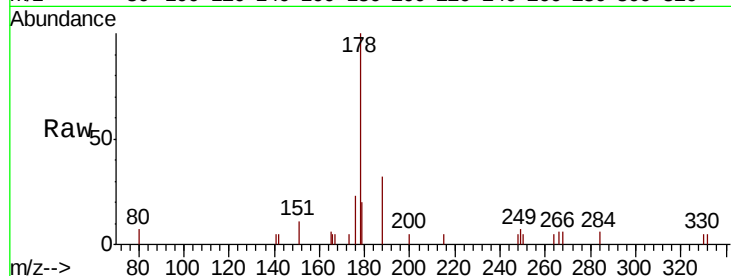
Tot Ion:178 Resp: 2083

Ion Ratio Lower Upper

178 100

176 20.0 15.0 22.6

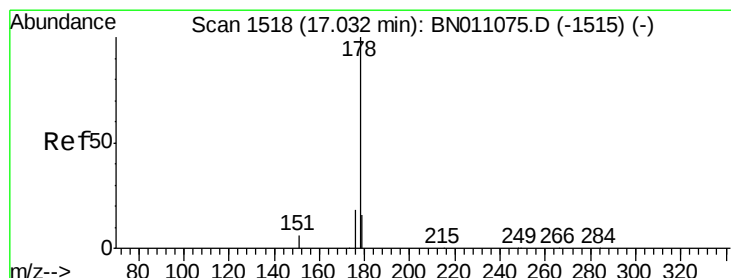
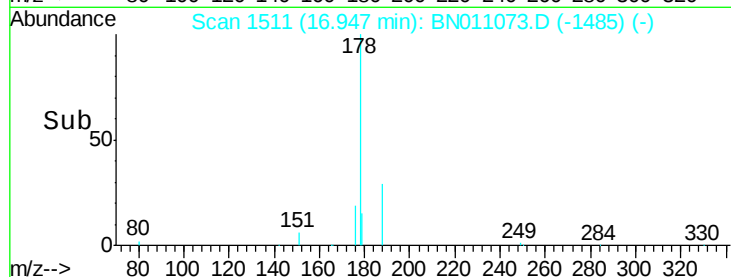
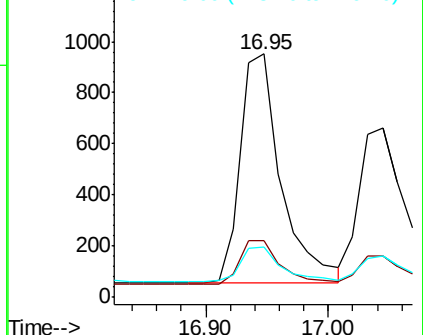
179 15.4 12.5 18.7



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: 0.098 ng

RT: 17.04 min Scan# 1519

Delta R.T. 0.01 min

Lab File: BN011073.D

Acq: 30 Jun 2020 09:56

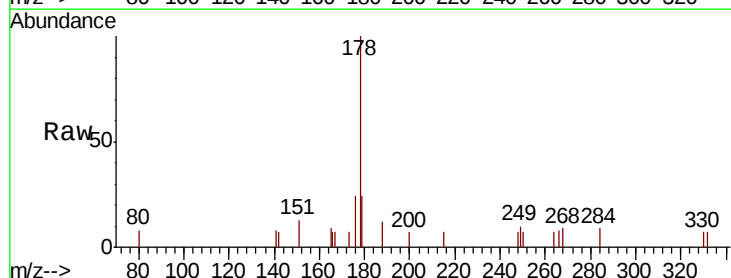
Tgt Ion:178 Resp: 1610

Ion Ratio Lower Upper

178 100

176 18.1 14.2 21.4

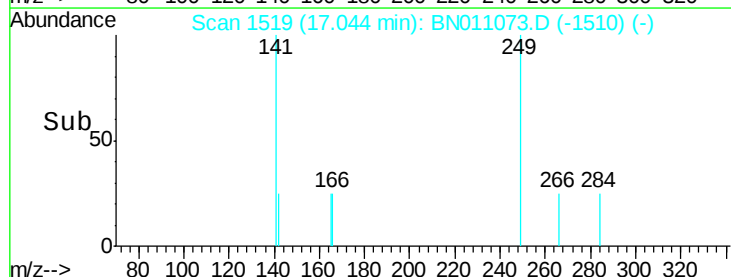
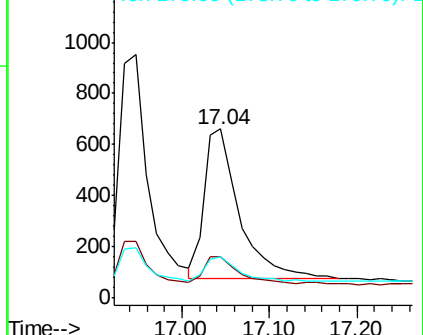
179 15.2 12.2 18.2

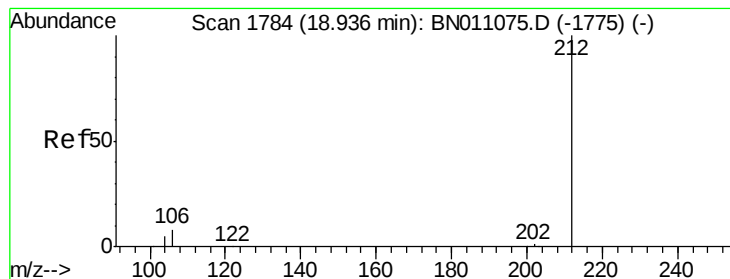


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#27

Fluoranthene-d10

Concen: 0.107 ng

RT: 18.94 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BN011073.D

Acq: 30 Jun 2020 09:56

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

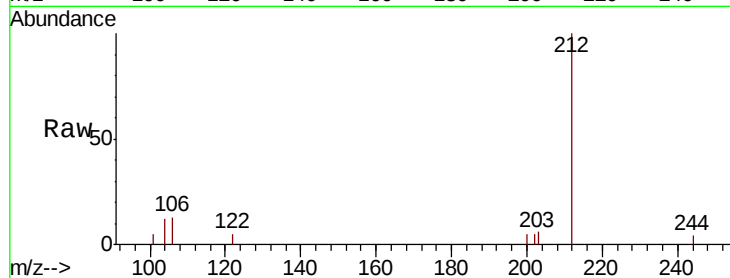
Tot Ion:212 Resp: 1990

Ion Ratio Lower Upper

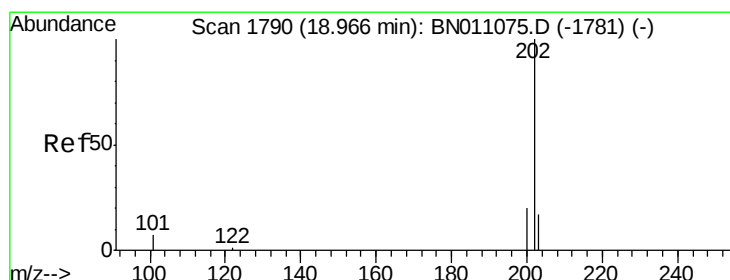
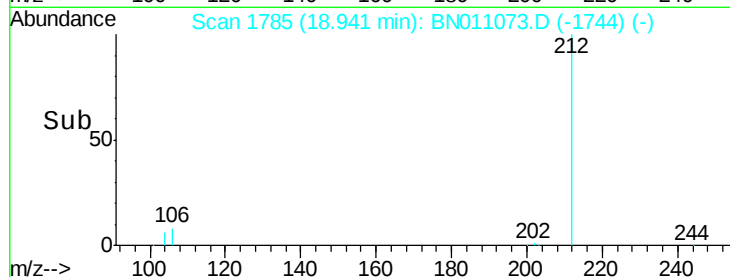
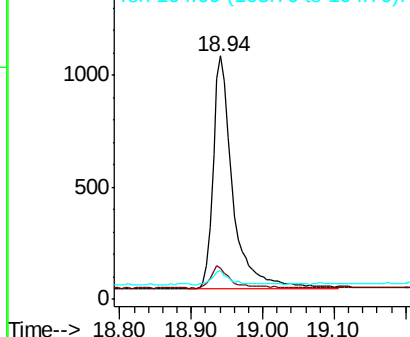
212 100

106 8.5 7.1 10.7

104 5.5 4.2 6.4



Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E



#28

Fluoranthene

Concen: 0.101 ng

RT: 18.97 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BN011073.D

Acq: 30 Jun 2020 09:56

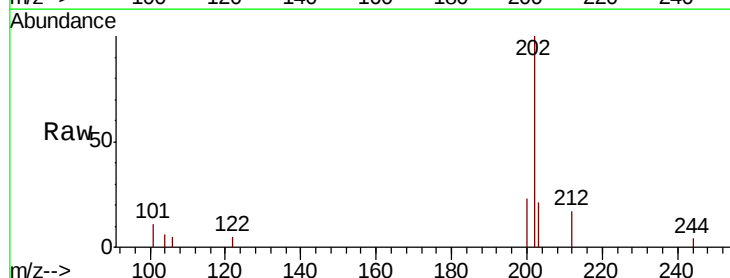
Tgt Ion:202 Resp: 2281

Ion Ratio Lower Upper

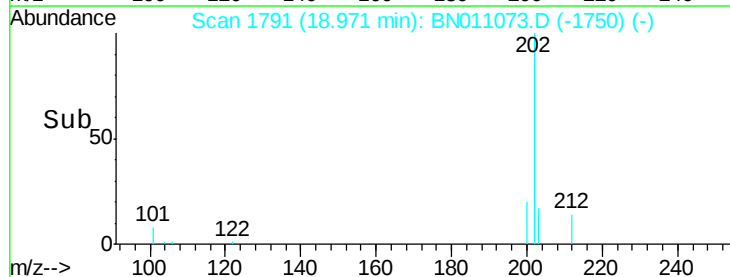
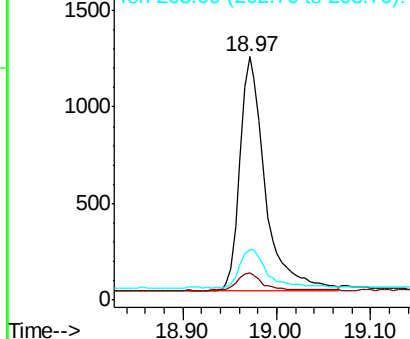
202 100

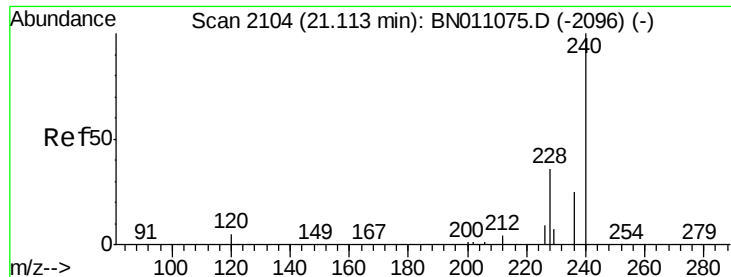
101 7.6 6.3 9.5

203 18.5 13.5 20.3



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

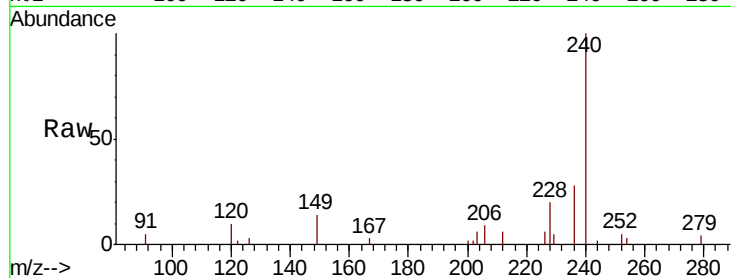




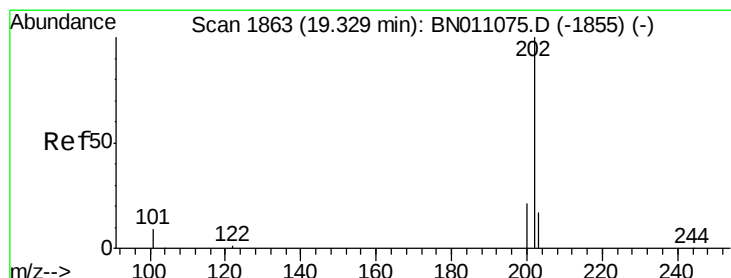
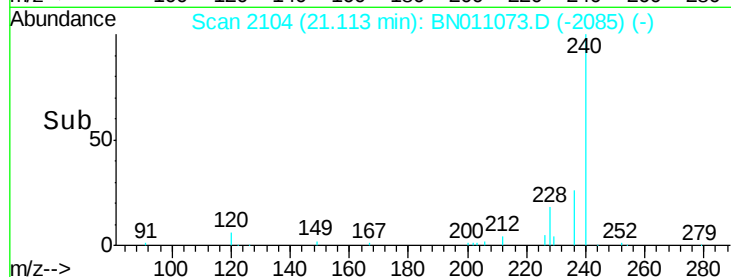
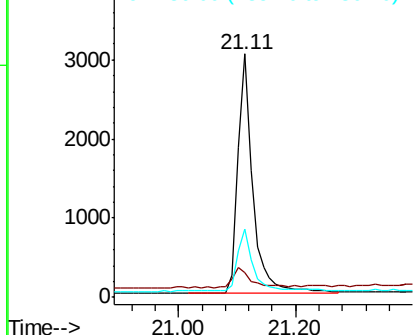
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.11 min Scan# 2104
Delta R.T. -0.00 min
Lab File: BN011073.D
Acq: 30 Jun 2020 09:56

Instrument :
BNA_N
ClientSampleId :
SSTDIC0.1

Tot Ion:240 Resp: 5301
Ion Ratio Lower Upper
240 100
120 10.0 6.5 9.7#
236 27.9 21.9 32.9

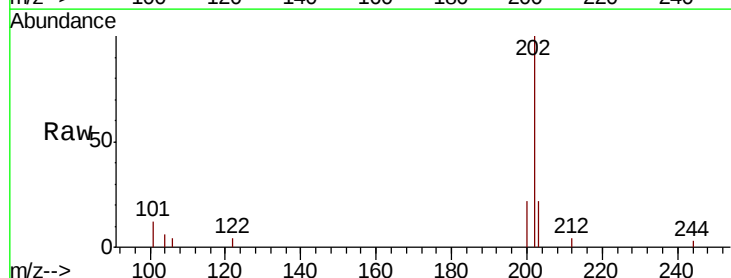


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

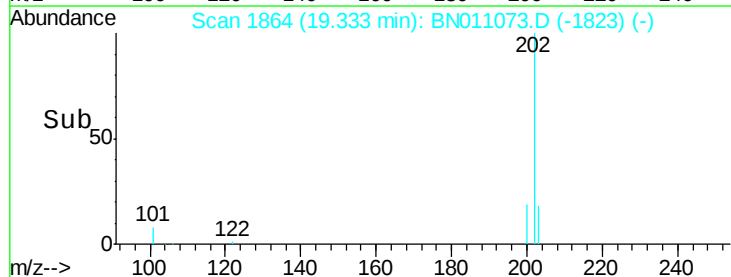
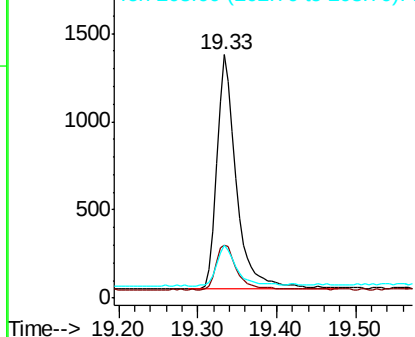


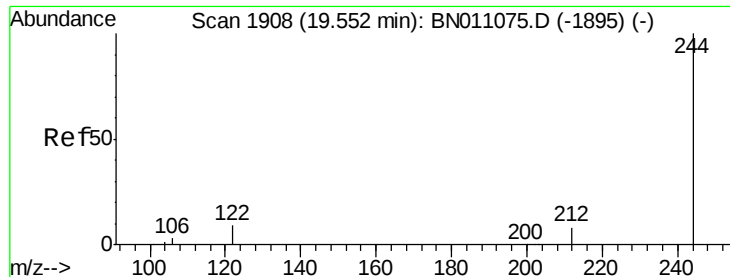
#30
Pyrene
Concen: 0.114 ng
RT: 19.33 min Scan# 1864
Delta R.T. 0.00 min
Lab File: BN011073.D
Acq: 30 Jun 2020 09:56

Tgt Ion:202 Resp: 2323
Ion Ratio Lower Upper
202 100
200 20.3 16.6 25.0
203 18.2 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: 0.113 ng

RT: 19.56 min Scan# 1910

Delta R.T. 0.01 min

Lab File: BN011073.D

Acq: 30 Jun 2020 09:56

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

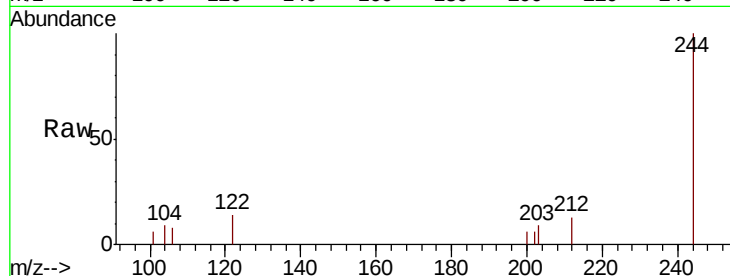
Tot Ion:244 Resp: 1603

Ion Ratio Lower Upper

244 100

212 13.3 7.5 11.3#

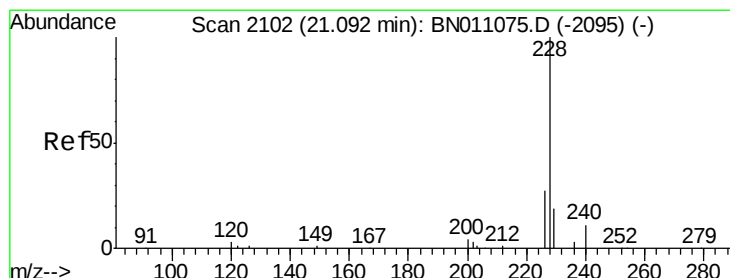
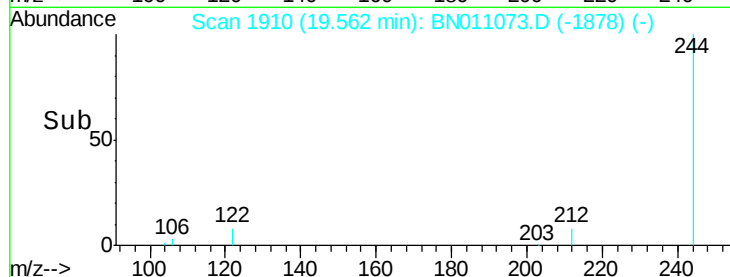
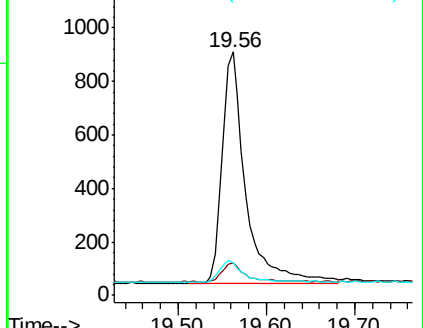
122 13.5 8.2 12.4#



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: 0.132 ng

RT: 21.14 min Scan# 2107

Delta R.T. 0.05 min

Lab File: BN011073.D

Acq: 30 Jun 2020 09:56

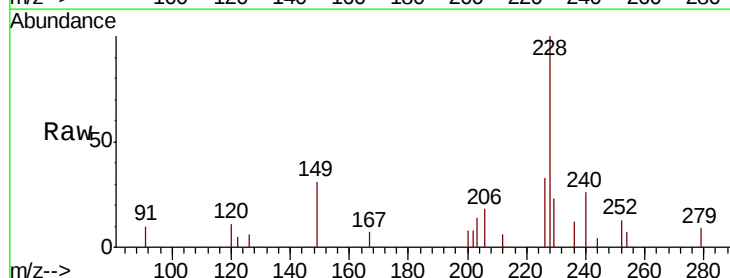
Tgt Ion:228 Resp: 2428

Ion Ratio Lower Upper

228 100

226 32.6 22.0 33.0

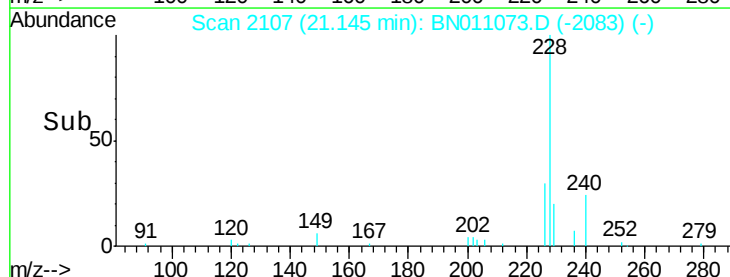
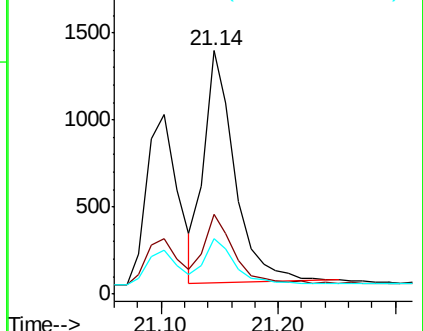
229 22.6 16.1 24.1

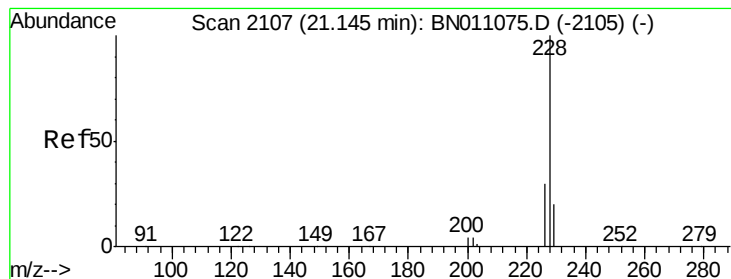


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Chrysene

Concen: 0.121 ng

RT: 21.14 min Scan# 2107

Delta R.T. -0.00 min

Lab File: BN011073.D

Acq: 30 Jun 2020 09:56

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

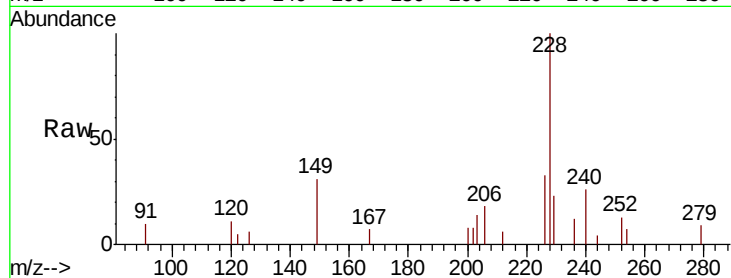
Tot Ion:228 Resp: 2428

Ion Ratio Lower Upper

228 100

226 32.6 24.0 36.0

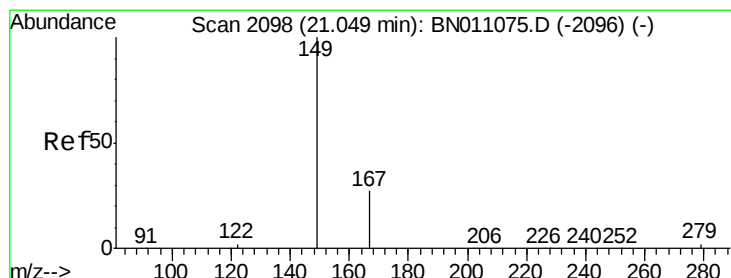
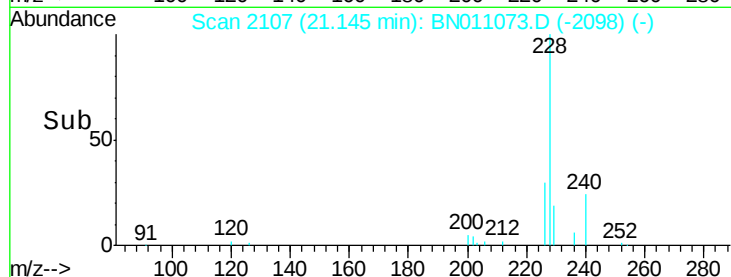
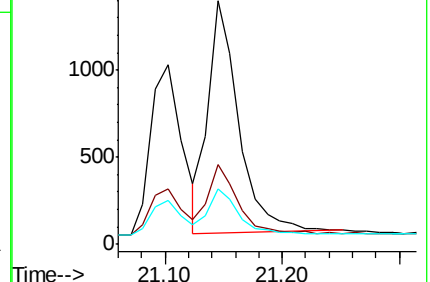
229 22.6 16.4 24.6



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: 0.122 ng

RT: 21.05 min Scan# 2098

Delta R.T. -0.00 min

Lab File: BN011073.D

Acq: 30 Jun 2020 09:56

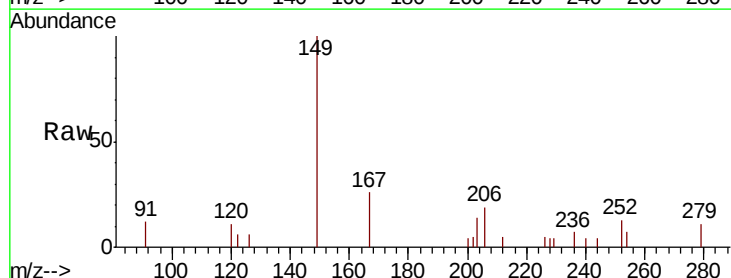
Tgt Ion:149 Resp: 900

Ion Ratio Lower Upper

149 100

167 27.9 22.2 33.4

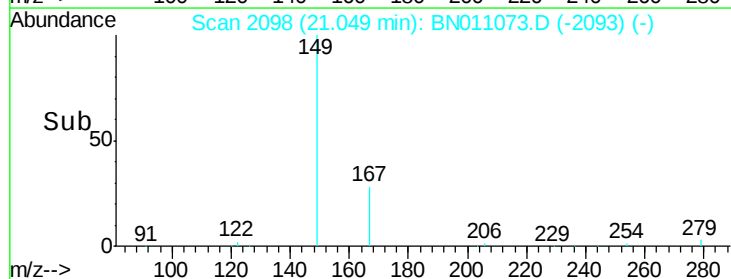
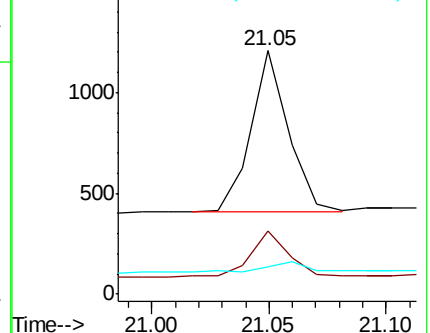
279 6.1 4.5 6.7

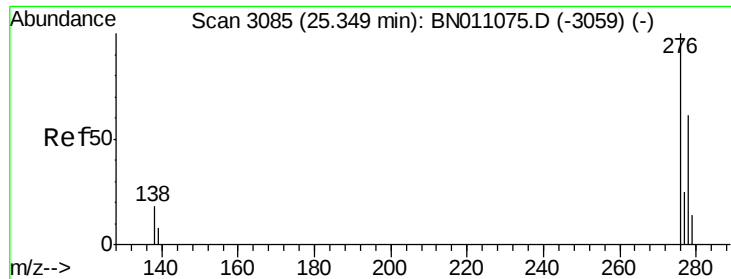


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.111 ng

RT: 25.36 min Scan# 3087

Delta R.T. 0.01 min

Lab File: BN011073.D

Acq: 30 Jun 2020 09:56

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

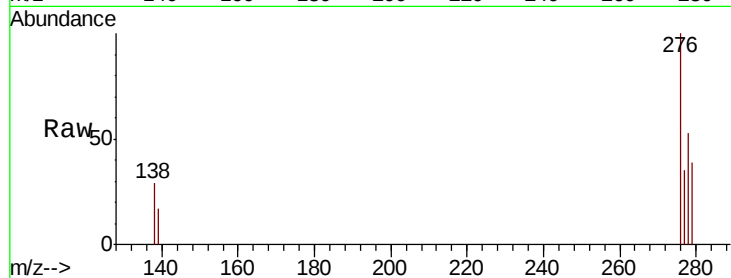
Tot Ion:276 Resp: 2473

Ion Ratio Lower Upper

276 100

138 17.5 15.4 23.0

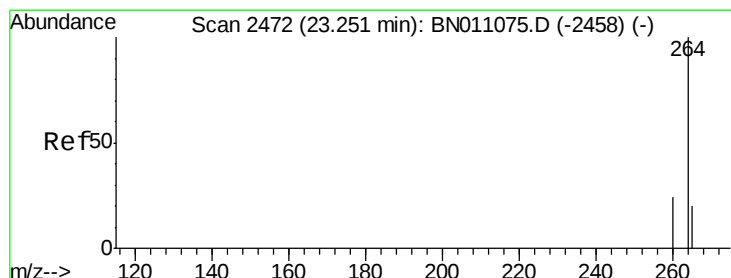
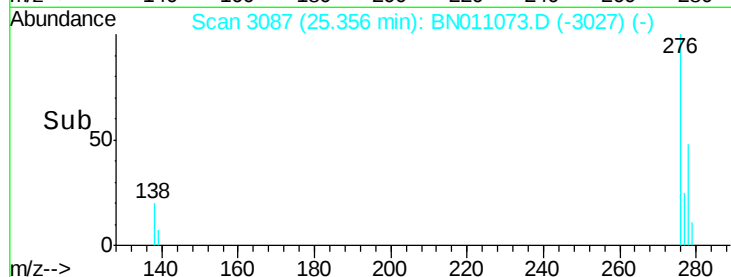
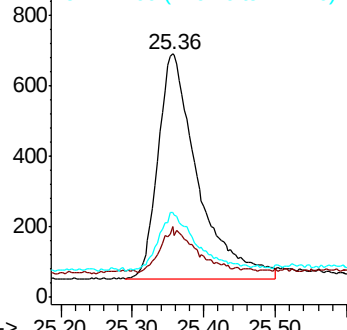
277 24.4 19.4 29.0



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: 23.25 min Scan# 2472

Delta R.T. -0.00 min

Lab File: BN011073.D

Acq: 30 Jun 2020 09:56

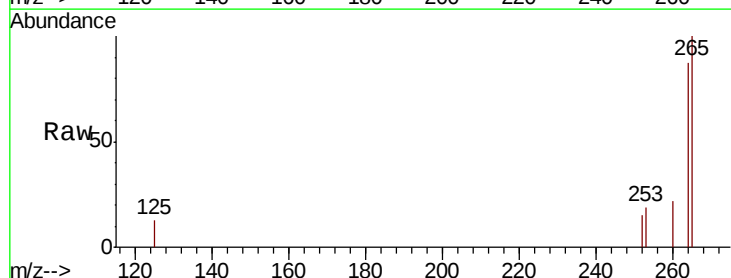
Tgt Ion:264 Resp: 5096

Ion Ratio Lower Upper

264 100

260 25.2 20.4 30.6

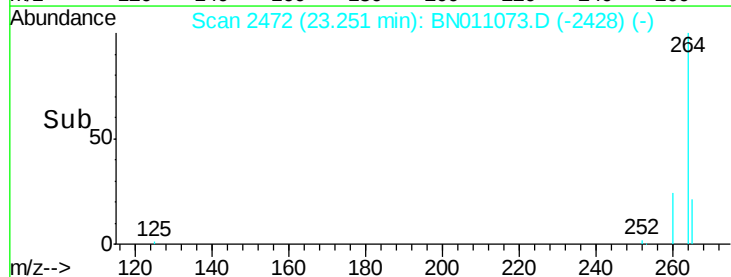
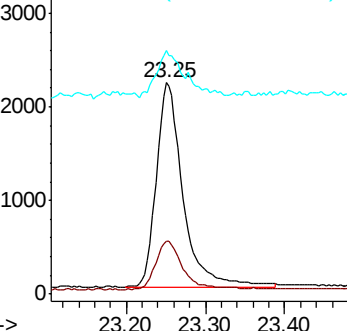
265 115.3 83.0 124.6

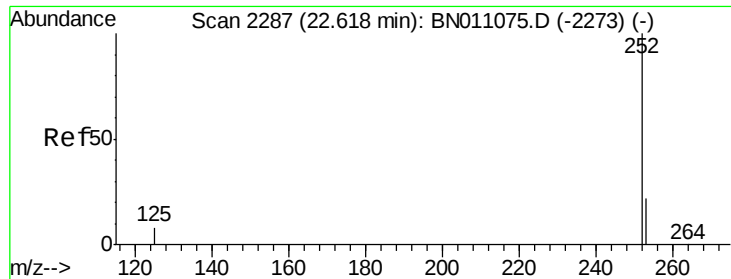


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#37

Benzo(b)fluoranthene

Concen: 0.108 ng

RT: 22.62 min Scan# 2289

Delta R.T. 0.01 min

Lab File: BN011073.D

Acq: 30 Jun 2020 09:56

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

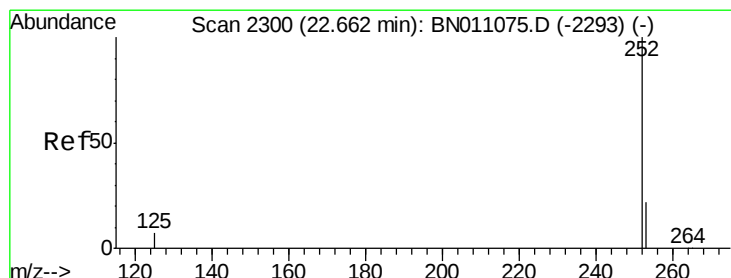
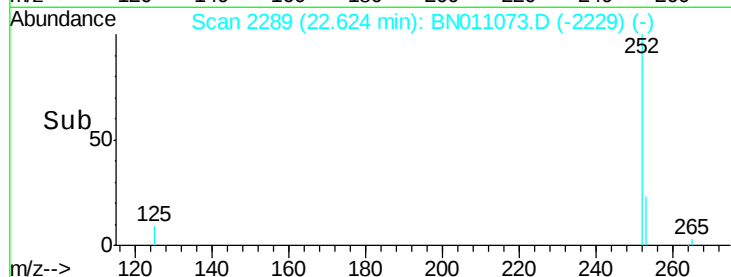
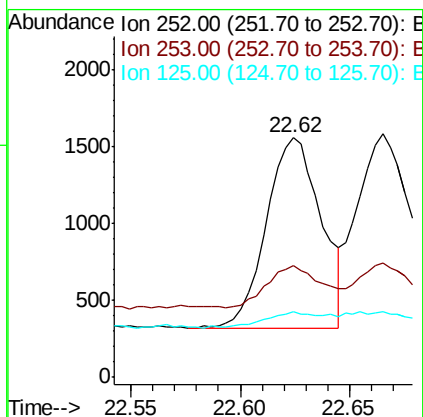
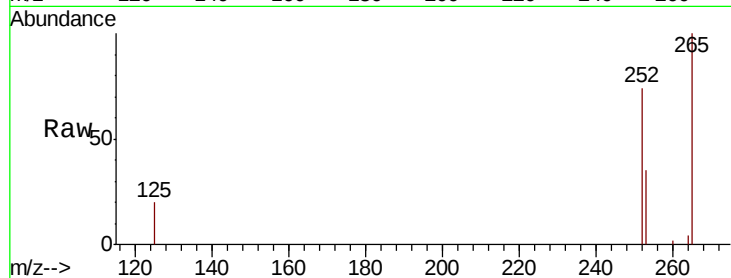
Tot Ion:252 Resp: 2169

Ion Ratio Lower Upper

252 100

253 47.0 22.7 34.1#

125 27.3 10.4 15.6#



#38

Benzo(k)fluoranthene

Concen: 0.112 ng

RT: 22.67 min Scan# 2301

Delta R.T. 0.00 min

Lab File: BN011073.D

Acq: 30 Jun 2020 09:56

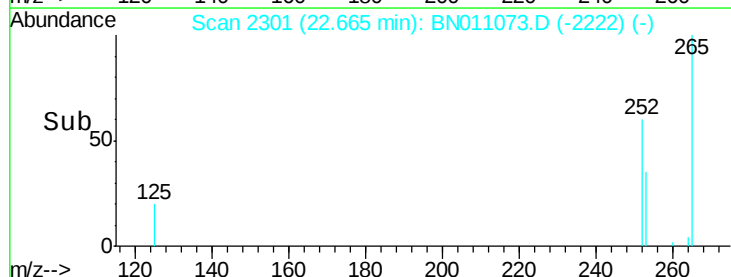
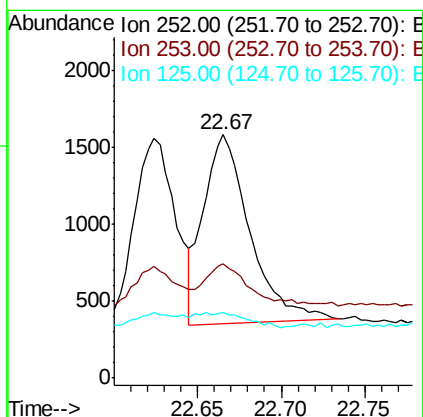
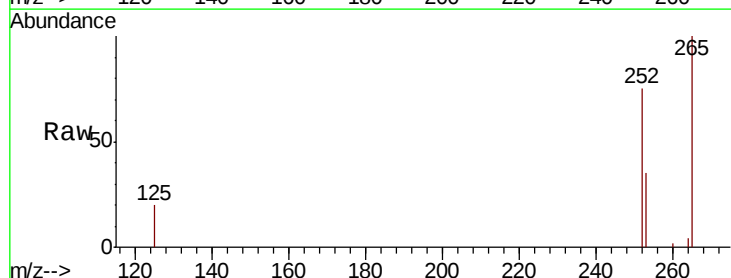
Tgt Ion:252 Resp: 2355

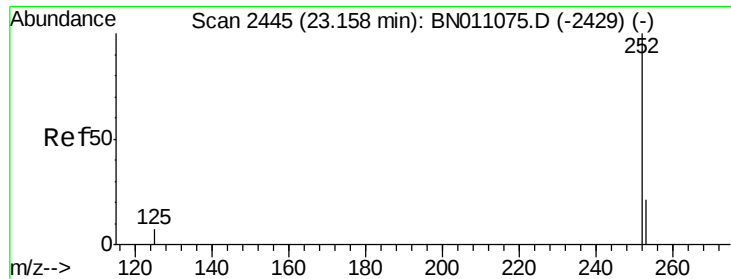
Ion Ratio Lower Upper

252 100

253 46.9 22.9 34.3#

125 27.0 10.6 15.8#





#39

Benzo(a)pyrene

Concen: 0.111 ng

RT: 23.17 min Scan# 2447

Delta R.T. 0.01 min

Lab File: BN011073.D

Acq: 30 Jun 2020 09:56

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

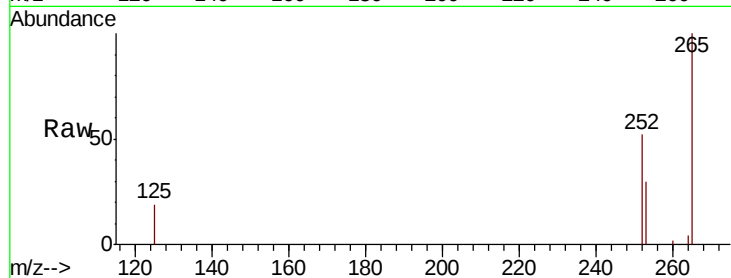
Tot Ion:252 Resp: 1980

Ion Ratio Lower Upper

252 100

253 58.2 25.9 38.9#

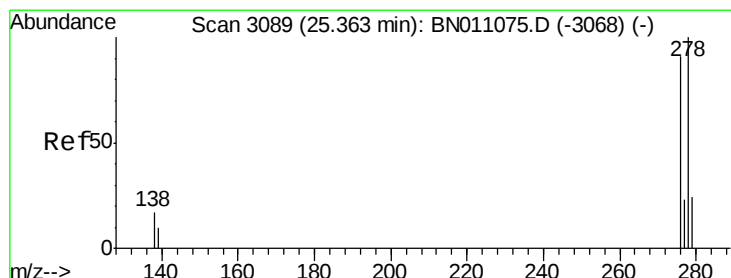
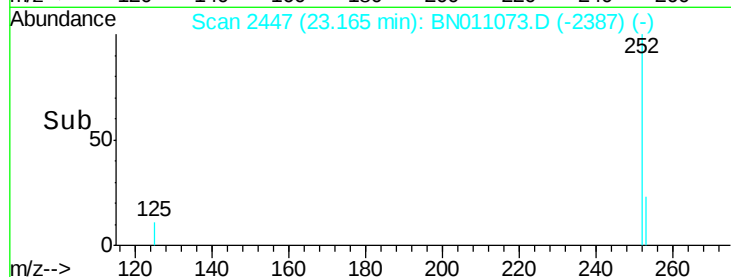
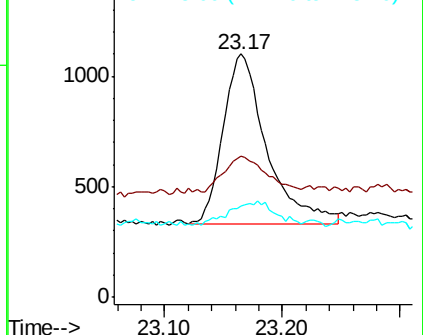
125 37.5 12.5 18.7#



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: 0.103 ng

RT: 25.38 min Scan# 3093

Delta R.T. 0.01 min

Lab File: BN011073.D

Acq: 30 Jun 2020 09:56

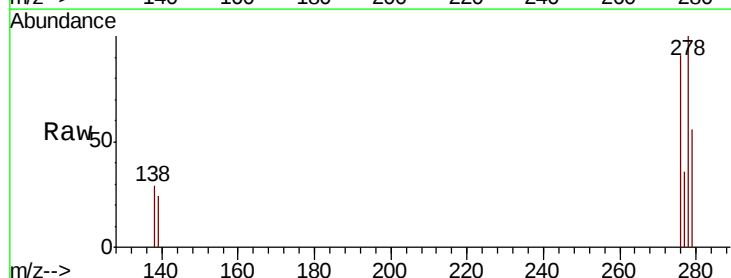
Tgt Ion:278 Resp: 1981

Ion Ratio Lower Upper

278 100

139 23.7 11.9 17.9#

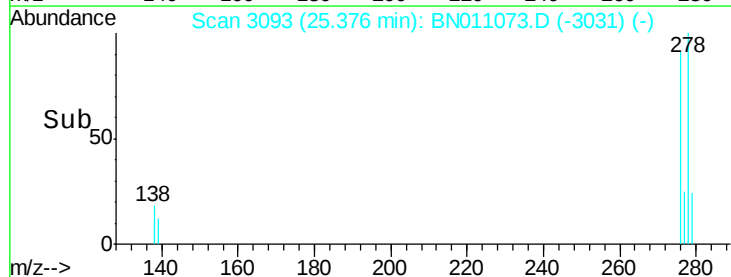
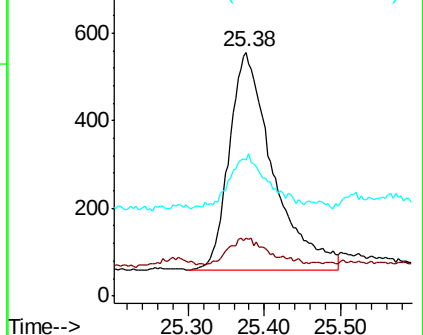
279 55.6 25.5 38.3#

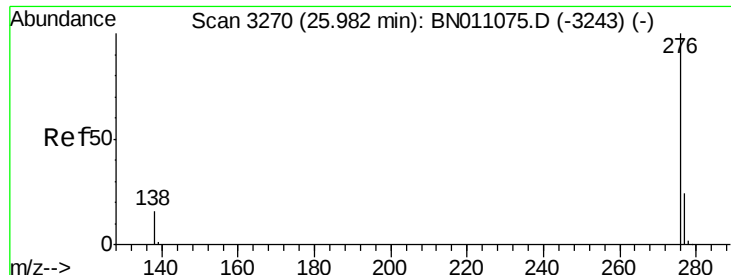


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.113 ng

RT: 25.98 min Scan# 3270

Delta R.T. -0.00 min

Lab File: BN011073.D

Acq: 30 Jun 2020 09:56

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

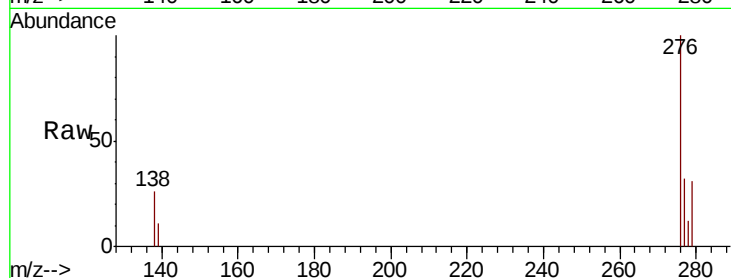
Tot Ion: 276 Resp: 2252

Ion Ratio Lower Upper

276 100

277 32.0 21.1 31.7#

138 25.8 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

