

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071120\
 Data File : BN011140.D
 Acq On : 10 Jul 2020 09:34
 Operator : CG/JU
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.1

Quant Time: Jul 10 11:25:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN071120.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 10 11:21:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	1928	0.40	ng	0.00
7) Naphthalene-d8	10.27	136	6484	0.40	ng	0.01
13) Acenaphthene-d10	14.13	164	3125	0.40	ng	0.00
19) Phenanthrene-d10	16.90	188	6294	0.40	ng	0.01
29) Chrysene-d12	21.11	240	6492	0.40	ng	0.01
36) Perylene-d12	23.25	264	5306	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.19	112	540	0.11	ng	0.00
5) Phenol-d6	6.73	99	489	0.09	ng	0.00
8) Nitrobenzene-d5	8.67	82	573	0.10	ng	0.01
11) 2-Methylnaphthalene-d10	11.88	152	1013	0.09	ng	0.02
14) 2,4,6-Tribromophenol	15.67	330	140	0.11	ng	0.03
15) 2-Fluorobiphenyl	12.77	172	1411	0.10	ng	0.03
27) Fluoranthene-d10	18.94	212	2122	0.11	ng	0.02
31) Terphenyl-d14	19.56	244	1691	0.10	ng	0.01

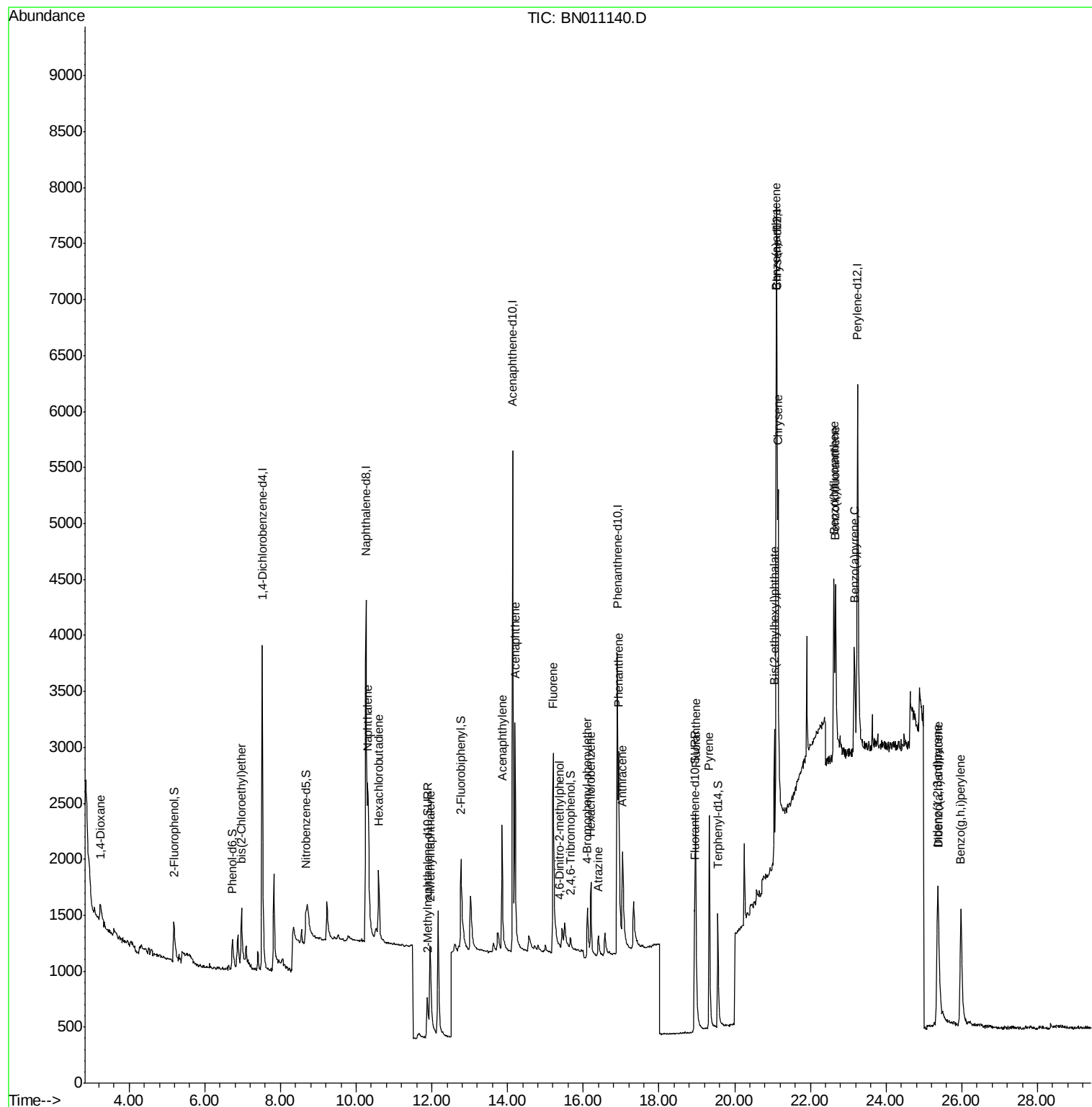
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.25	88	258	0.095	ng	# 96
6) bis(2-Chloroethyl)ether	6.97	93	546	0.109	ng	94
9) Naphthalene	10.32	128	2124	0.110	ng	# 91
10) Hexachlorobutadiene	10.60	225	538	0.110	ng	# 98
12) 2-Methylnaphthalene	11.96	142	1221	0.094	ng	94
16) Acenaphthylene	13.85	152	1681	0.107	ng	98
17) Acenaphthene	14.20	154	1171	0.110	ng	100
18) Fluorene	15.21	166	1414	0.107	ng	100
20) 4,6-Dinitro-2-methylphenol	15.36	198	41	0.061	ng	# 40
21) 4-Bromophenyl-phenylether	16.11	248	415	0.099	ng	# 86
22) Hexachlorobenzene	16.20	284	605	0.123	ng	96
23) Atrazine	16.40	200	296	0.100	ng	# 79
25) Phenanthrene	16.93	178	2177	0.107	ng	99
26) Anthracene	17.03	178	1643	0.097	ng	97
28) Fluoranthene	18.97	202	2546	0.111	ng	99
30) Pyrene	19.33	202	2510	0.104	ng	100
32) Benzo(a)anthracene	21.10	228	2304	0.106	ng	97
33) Chrysene	21.14	228	3005	0.121	ng	97
34) Bis(2-ethylhexyl)phthalate	21.05	149	1206	0.137	ng	# 91
35) Indeno(1,2,3-cd)pyrene	25.36	276	2444	0.094	ng	# 76
37) Benzo(b)fluoranthene	22.62	252	2174	0.102	ng	# 70
38) Benzo(k)fluoranthene	22.66	252	2603	0.114	ng	# 67
39) Benzo(a)pyrene	23.17	252	1989	0.108	ng	# 54
40) Dibenzo(a,h)anthracene	25.38	278	1855	0.099	ng	# 61
41) Benzo(g,h,i)perylene	25.98	276	2723	0.132	ng	# 90

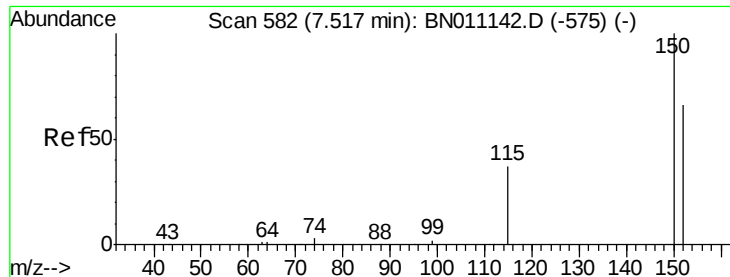
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 10 11:25:14 2020
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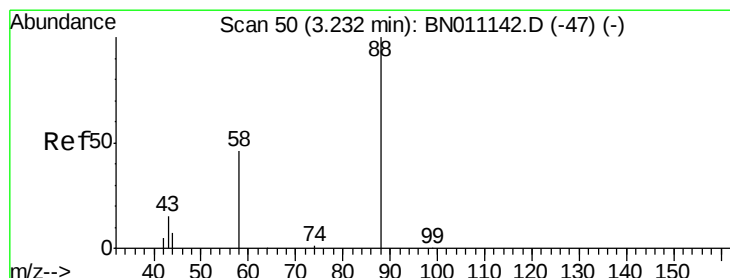
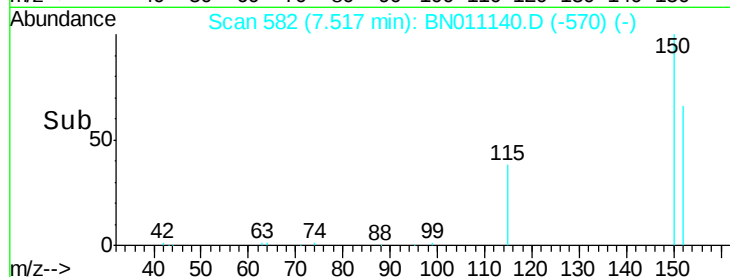
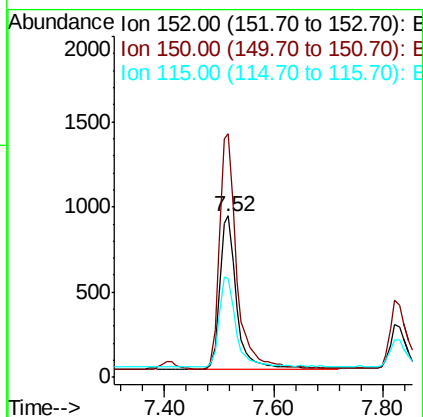
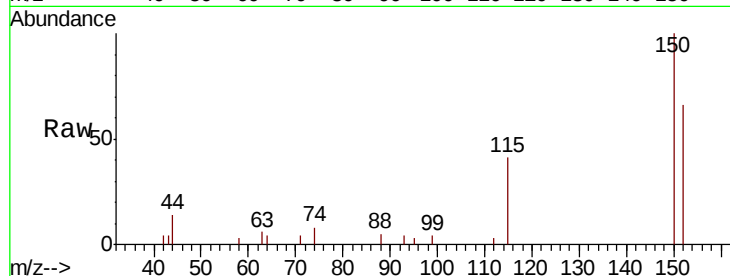


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.52 min Scan# 582
Delta R.T. 0.00 min
Lab File: BN011140.D
Acq: 10 Jul 2020 09:34

Instrument :
BNA_N
ClientSampleId :
SSTDIC0.1

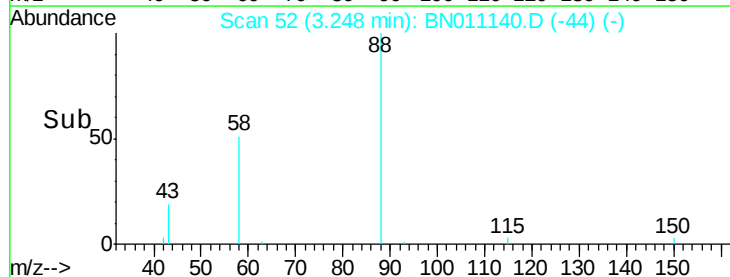
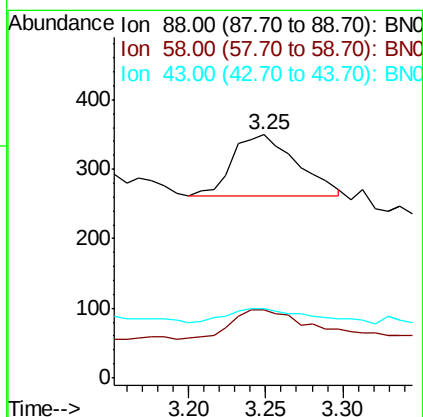
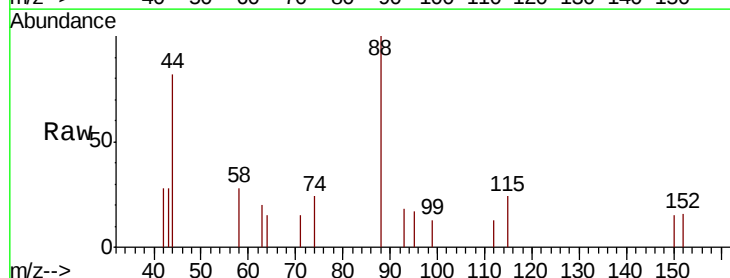
Tot Ion:152 Resp: 1928
Ion Ratio Lower Upper
152 100
150 150.9 119.4 179.0
115 61.2 48.3 72.5

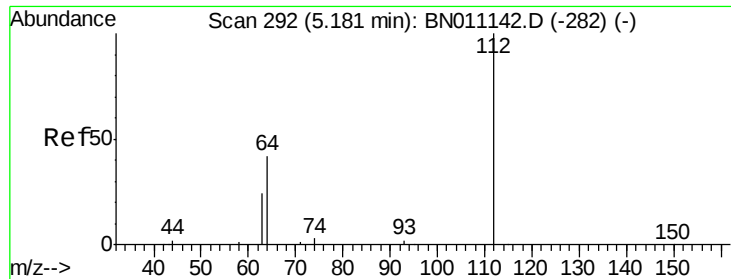


#2

1,4-Dioxane
Concen: 0.095 ng
RT: 3.25 min Scan# 52
Delta R.T. 0.02 min
Lab File: BN011140.D
Acq: 10 Jul 2020 09:34

Tgt Ion: 88 Resp: 258
Ion Ratio Lower Upper
88 100
58 45.7 36.5 54.7
43 24.0 14.3 21.5#





#4

2-Fluorophenol

Concen: 0.113 ng

RT: 5.19 min Scan# 293

Delta R.T. 0.01 min

Lab File: BN011140.D

Acq: 10 Jul 2020 09:34

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

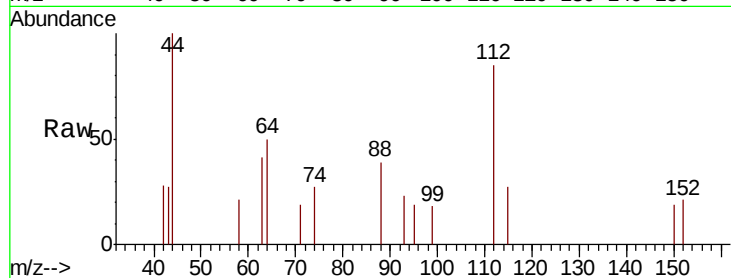
Tot Ion: 112 Resp: 540

Ion Ratio Lower Upper

112 100

64 44.4 36.7 55.1

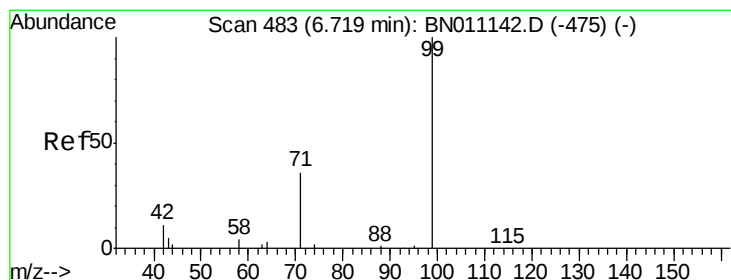
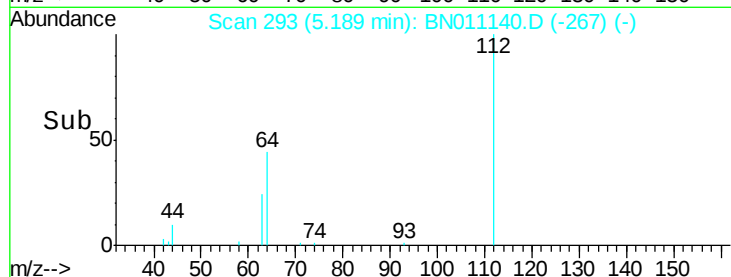
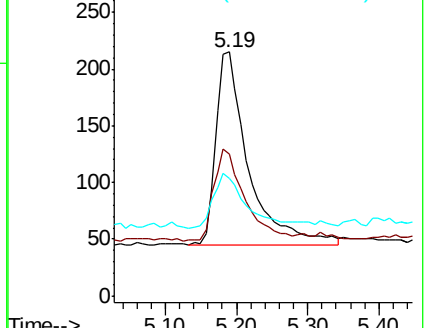
63 29.4 20.4 30.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNO

Ion 63.00 (62.70 to 63.70): BNO



#5

Phenol-d6

Concen: 0.089 ng

RT: 6.73 min Scan# 484

Delta R.T. 0.01 min

Lab File: BN011140.D

Acq: 10 Jul 2020 09:34

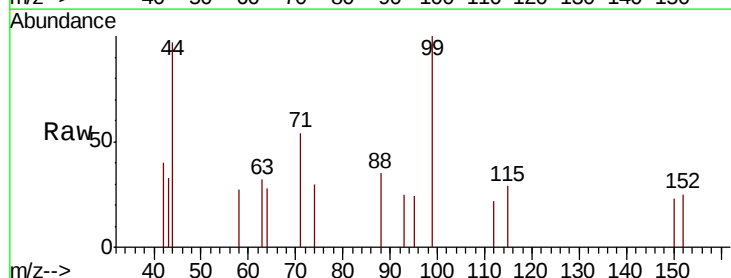
Tgt Ion: 99 Resp: 489

Ion Ratio Lower Upper

99 100

42 11.7 10.8 16.2

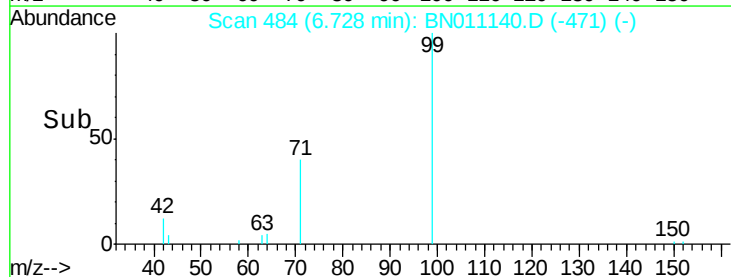
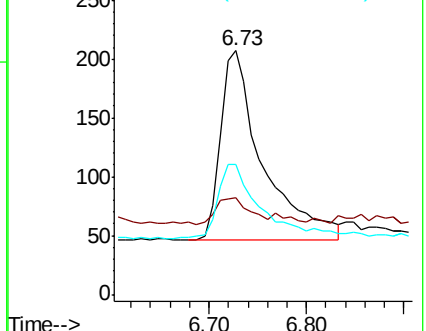
71 44.0 31.3 46.9

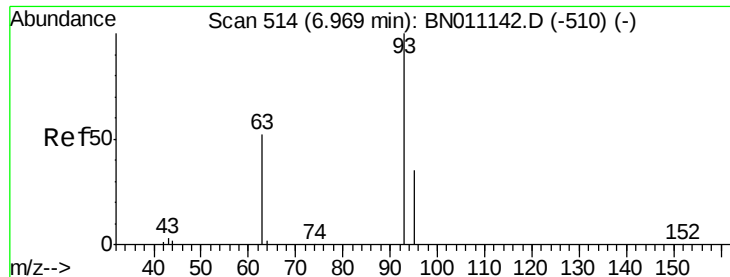


Abundance Ion 99.00 (98.70 to 99.70): BNO

Ion 42.00 (41.70 to 42.70): BNO

Ion 71.00 (70.70 to 71.70): BNO



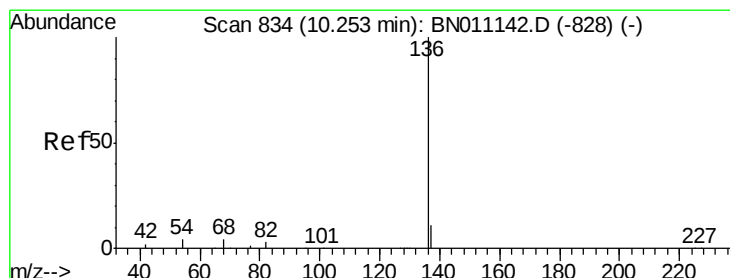
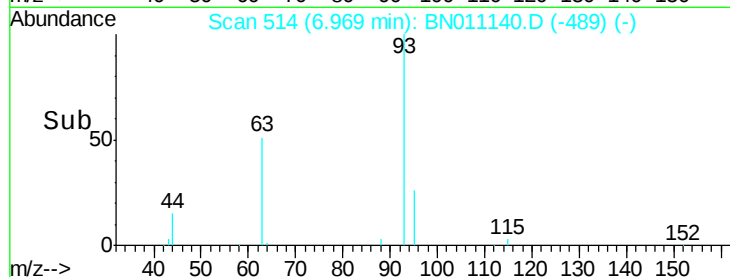
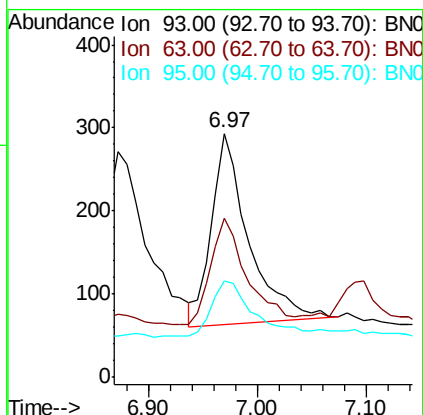
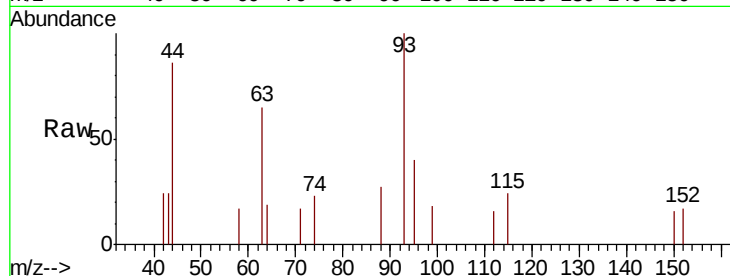


#6

bis(2-Chloroethyl)ether
Concen: 0.109 ng
RT: 6.97 min Scan# 514
Delta R.T. 0.00 min
Lab File: BN011140.D
Acq: 10 Jul 2020 09:34

Instrument :
BNA_N
ClientSampleId :
SSTDIC0.1

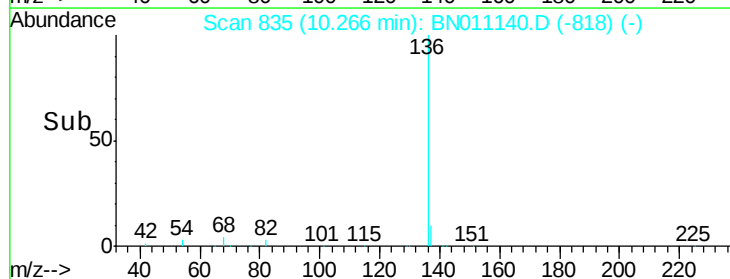
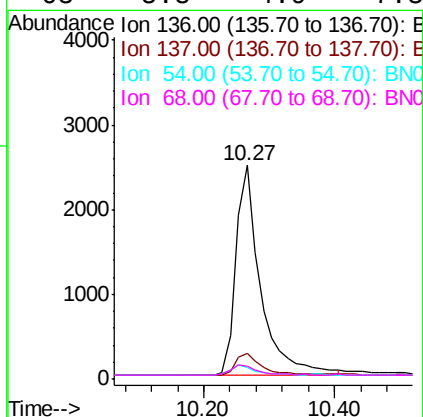
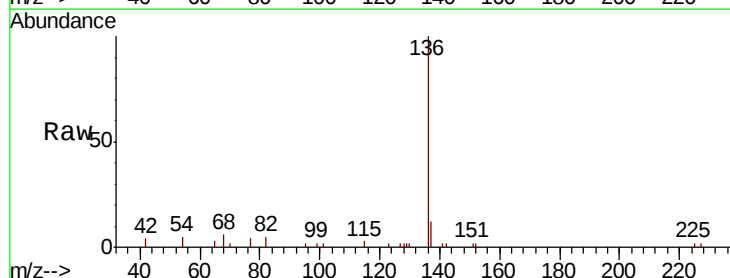
Tot Ion:	93	Resp:	546
Ion	Ratio	Lower	Upper
93	100		
63	54.2	47.4	71.0
95	33.0	28.1	42.1

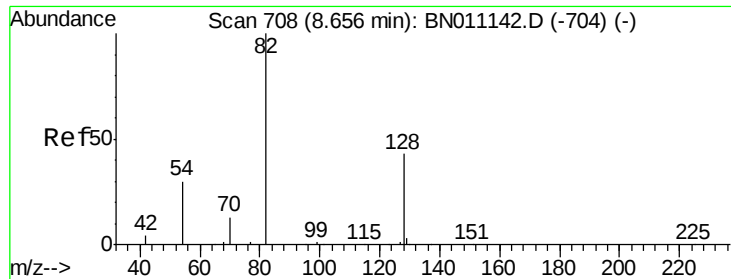


#7

Naphthalene-d8
Concen: 0.400 ng
RT: 10.27 min Scan# 835
Delta R.T. 0.01 min
Lab File: BN011140.D
Acq: 10 Jul 2020 09:34

Tgt Ion:	136	Resp:	6484
Ion	Ratio	Lower	Upper
136	100		
137	12.1	10.3	15.5
54	5.3	4.9	7.3
68	5.8	4.9	7.3





#8

Nitrobenzene-d5

Concen: 0.104 ng

RT: 8.67 min Scan# 709

Delta R.T. 0.01 min

Lab File: BN011140.D

Acq: 10 Jul 2020 09:34

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

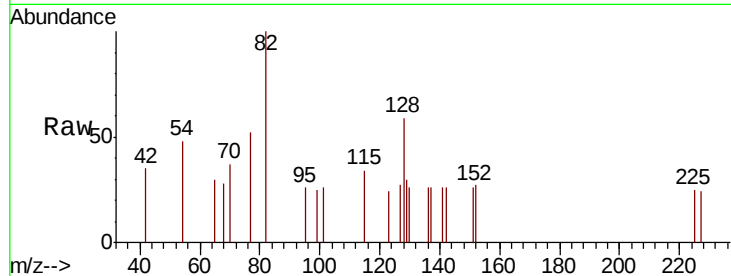
Tot Ion: 82 Resp: 573

Ion Ratio Lower Upper

82 100

128 58.8 38.1 57.1#

54 48.1 27.1 40.7#

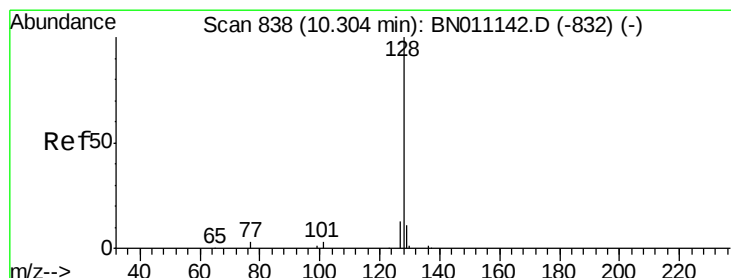
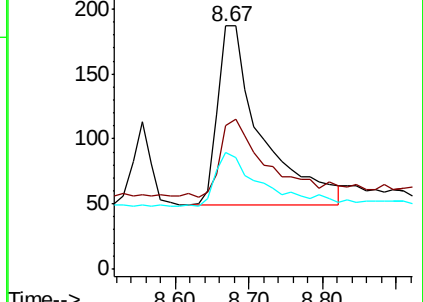
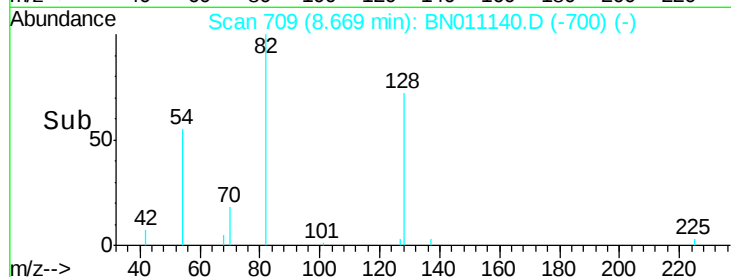


Abundance Ion 82.00 (81.70 to 82.70): BN011142.D (-704) (-)

Ion 128.00 (127.70 to 128.70): BN011142.D (-704) (-)

Ion 54.00 (53.70 to 54.70): BN011142.D (-704) (-)

Time-->



#9

Naphthalene

Concen: 0.110 ng

RT: 10.32 min Scan# 839

Delta R.T. 0.01 min

Lab File: BN011140.D

Acq: 10 Jul 2020 09:34

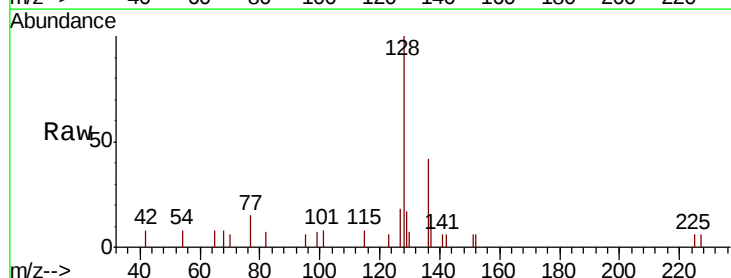
Tgt Ion: 128 Resp: 2124

Ion Ratio Lower Upper

128 100

129 16.6 9.8 14.6#

127 18.0 11.8 17.6#

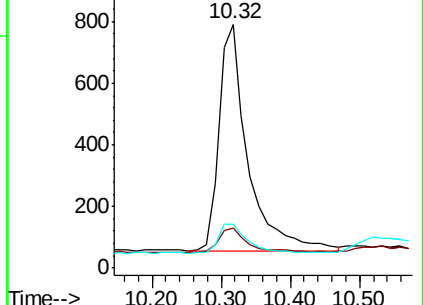
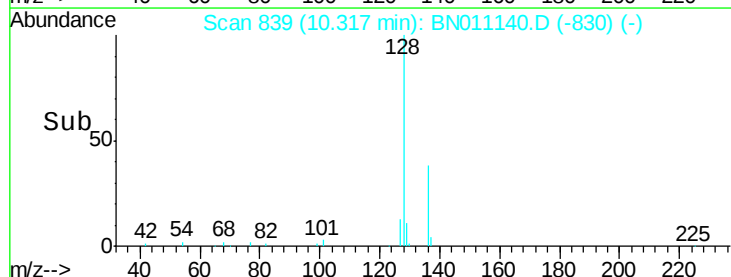


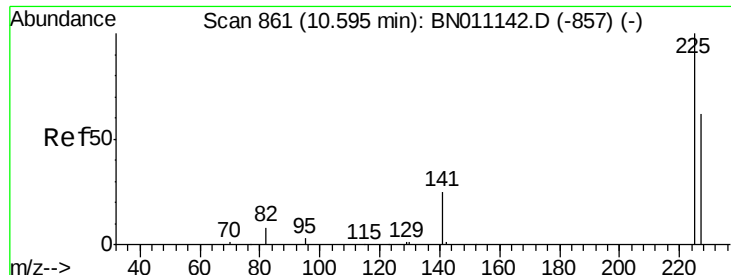
Abundance Ion 128.00 (127.70 to 128.70): BN011142.D (-832) (-)

Ion 129.00 (128.70 to 129.70): BN011142.D (-832) (-)

Ion 127.00 (126.70 to 127.70): BN011142.D (-832) (-)

Time-->

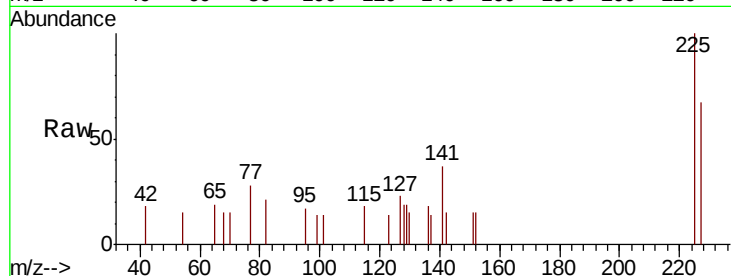




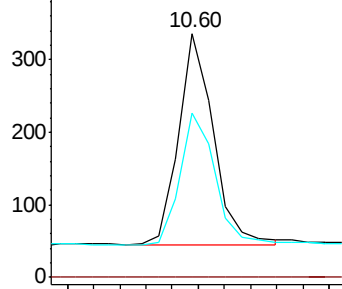
#10
Hexachlorobutadiene
Concen: 0.110 ng
RT: 10.60 min Scan# 861
Delta R.T. 0.00 min
Lab File: BN011140.D
Acq: 10 Jul 2020 09:34

Instrument :
BNA_N
ClientSampleId :
SSTDIC0.1

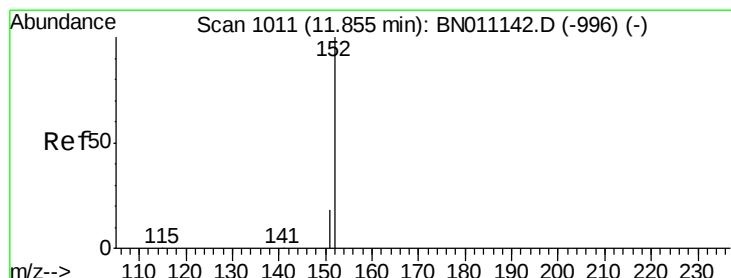
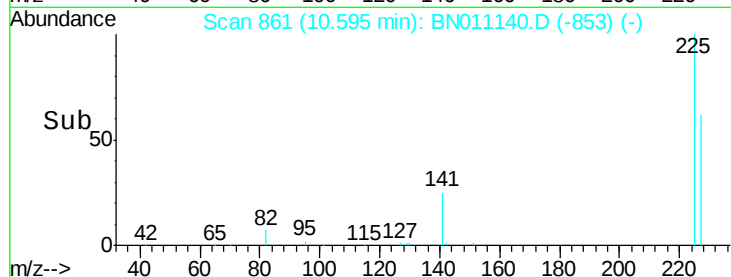
Tot Ion:225 Resp: 538
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 62.8 51.2 76.8



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

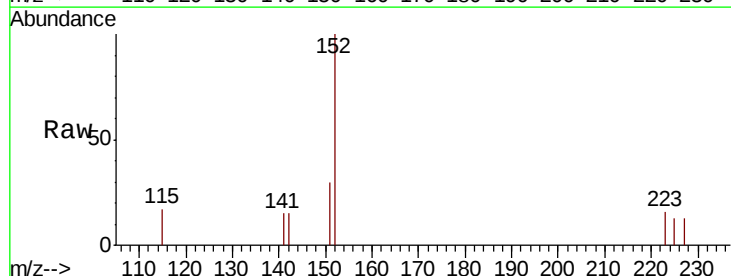


Time--> 10.50 10.60

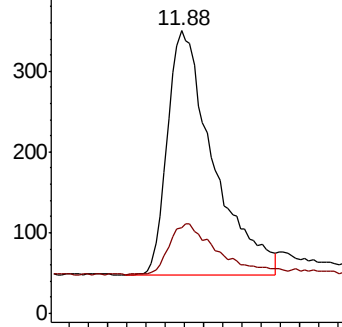


#11
2-Methylnaphthalene-d10
Concen: 0.090 ng
RT: 11.88 min Scan# 1016
Delta R.T. 0.02 min
Lab File: BN011140.D
Acq: 10 Jul 2020 09:34

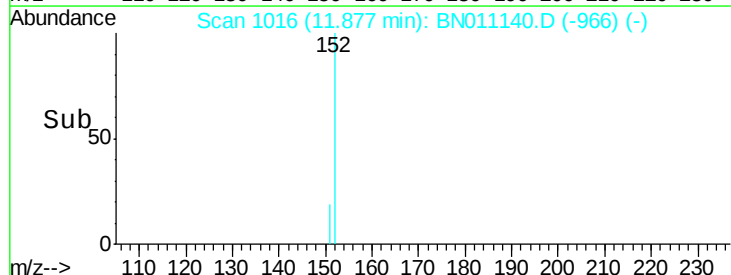
Tgt Ion:152 Resp: 1013
Ion Ratio Lower Upper
152 100
151 22.3 16.5 24.7

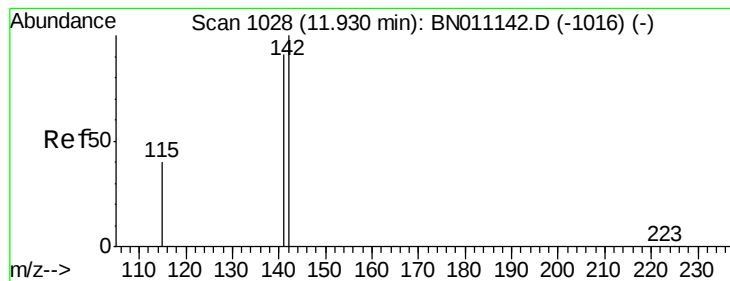


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E



Time--> 11.80 11.90 12.00





#12

2-Methylnaphthalene

Concen: 0.094 ng

RT: 11.96 min Scan# 1034

Delta R.T. 0.03 min

Lab File: BN011140.D

Acq: 10 Jul 2020 09:34

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.1

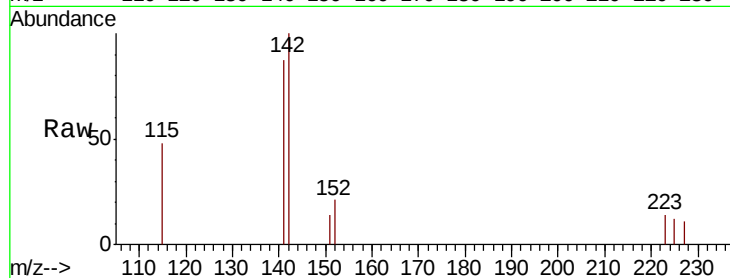
Tot Ion:142 Resp: 1221

Ion Ratio Lower Upper

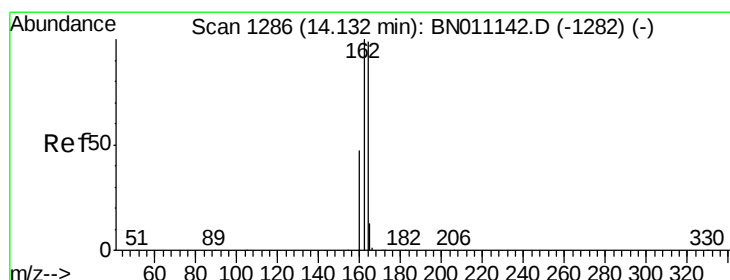
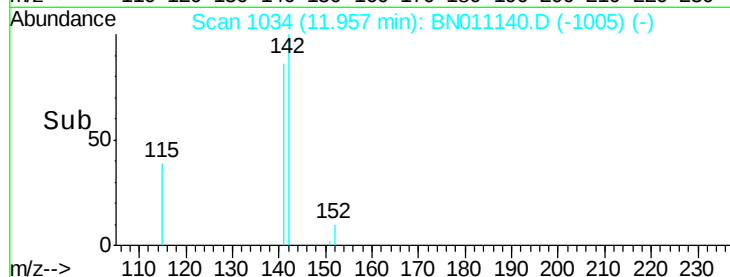
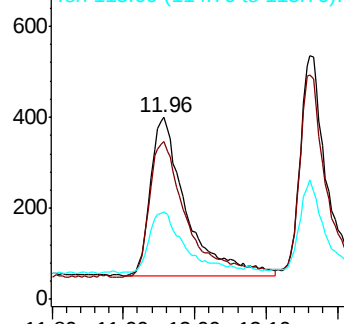
142 100

141 86.7 72.7 109.1

115 48.4 33.8 50.6



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: 14.13 min Scan# 1286

Delta R.T. 0.00 min

Lab File: BN011140.D

Acq: 10 Jul 2020 09:34

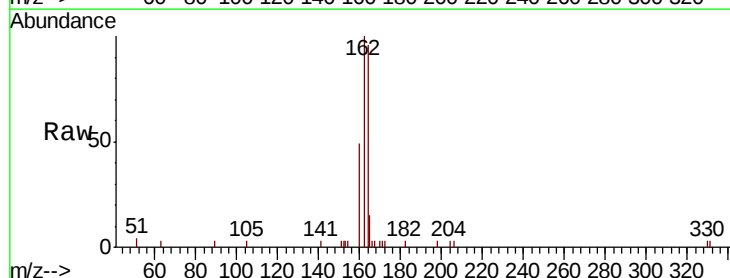
Tgt Ion:164 Resp: 3125

Ion Ratio Lower Upper

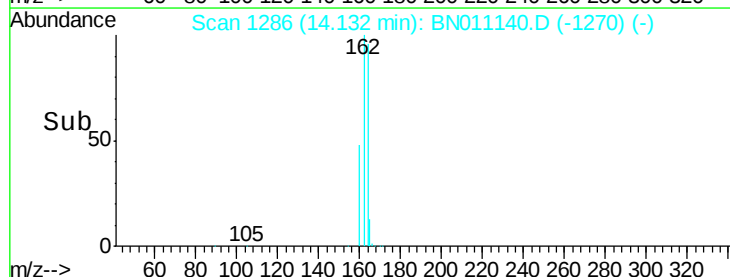
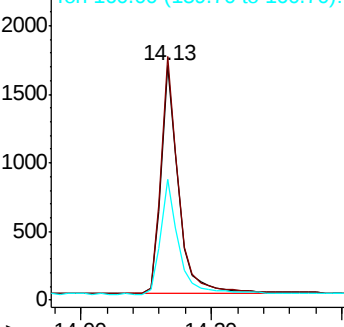
164 100

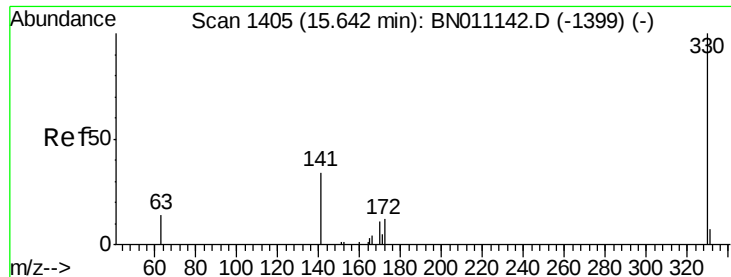
162 103.9 81.0 121.4

160 51.3 39.0 58.6



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: 0.107 ng

RT: 15.67 min Scan# 1407

Delta R.T. 0.03 min

Lab File: BN011140.D

Acq: 10 Jul 2020 09:34

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

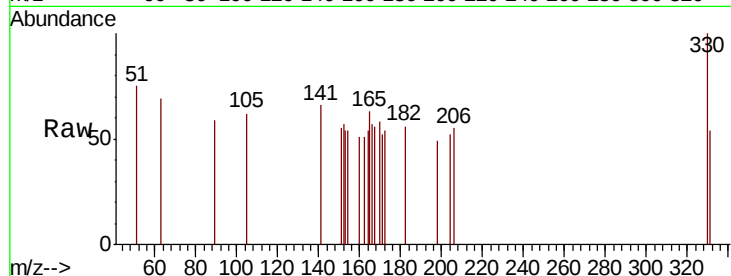
Tot Ion:330 Resp: 140

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

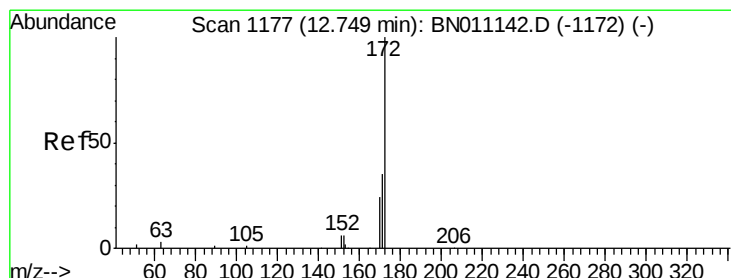
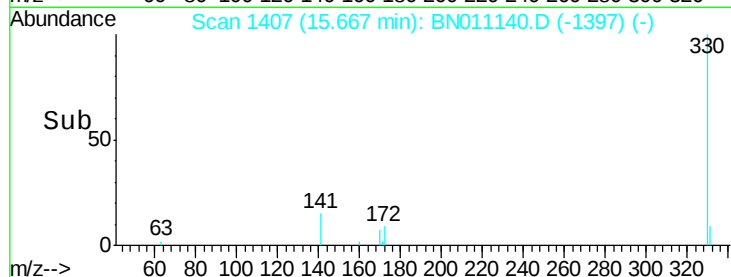
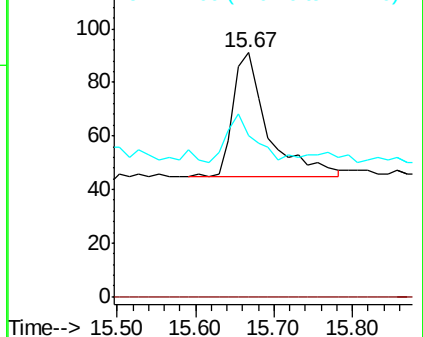
141 34.3 31.5 47.3



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: 0.096 ng

RT: 12.77 min Scan# 1179

Delta R.T. 0.03 min

Lab File: BN011140.D

Acq: 10 Jul 2020 09:34

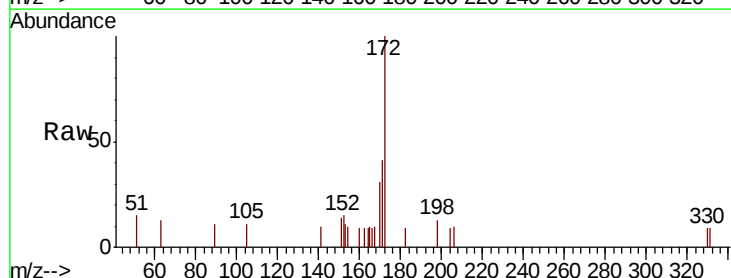
Tgt Ion:172 Resp: 1411

Ion Ratio Lower Upper

172 100

171 41.3 29.0 43.6

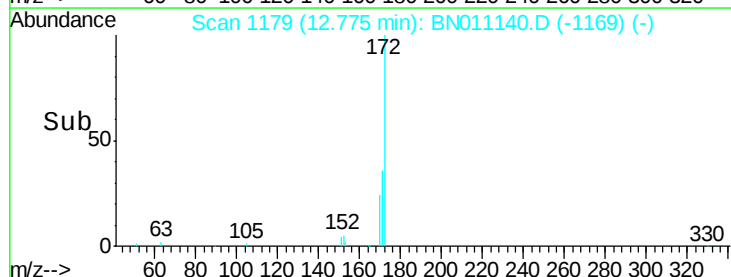
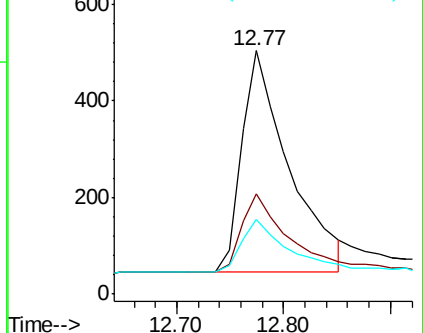
170 30.8 20.3 30.5#

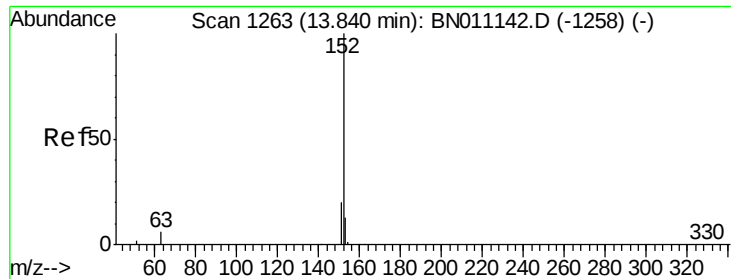


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#16

Acenaphthylene

Concen: 0.107 ng

RT: 13.85 min Scan# 1264

Delta R.T. 0.01 min

Lab File: BN011140.D

Acq: 10 Jul 2020 09:34

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

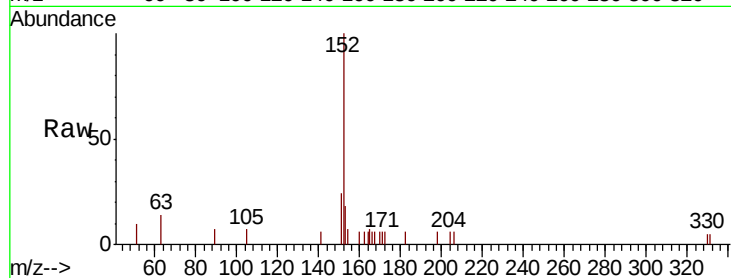
Tot Ion:152 Resp: 1681

Ion Ratio Lower Upper

152 100

151 20.5 15.7 23.5

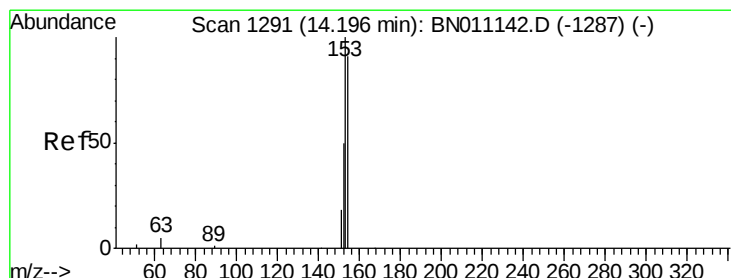
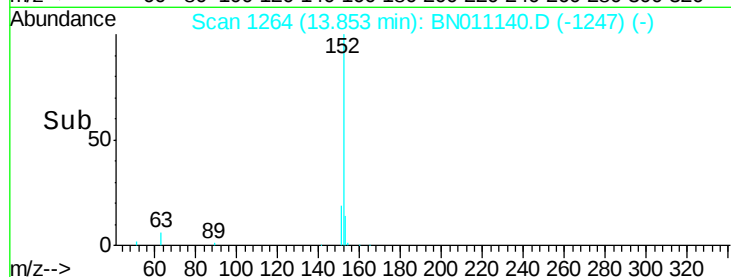
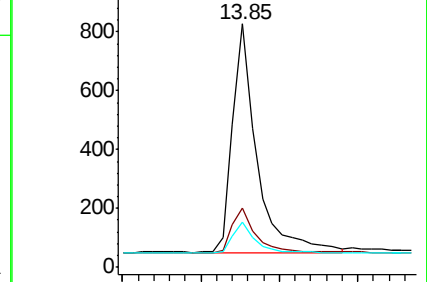
153 12.7 10.6 15.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#17

Acenaphthene

Concen: 0.110 ng

RT: 14.20 min Scan# 1291

Delta R.T. 0.00 min

Lab File: BN011140.D

Acq: 10 Jul 2020 09:34

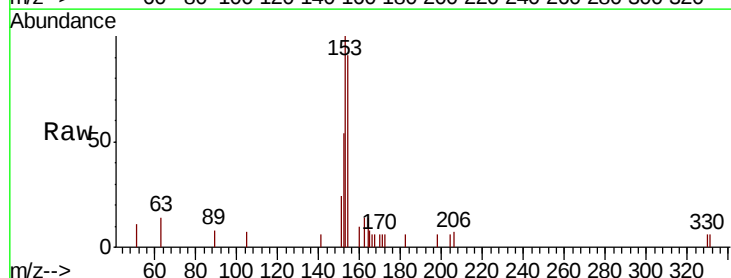
Tgt Ion:154 Resp: 1171

Ion Ratio Lower Upper

154 100

153 114.0 91.3 136.9

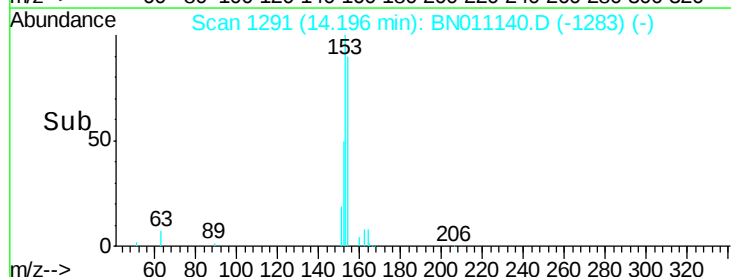
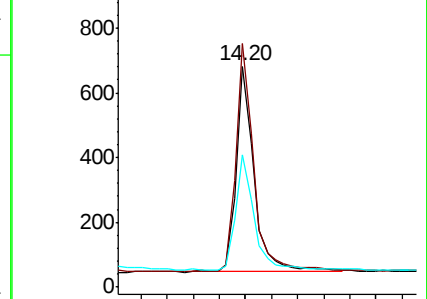
152 58.9 46.6 69.8

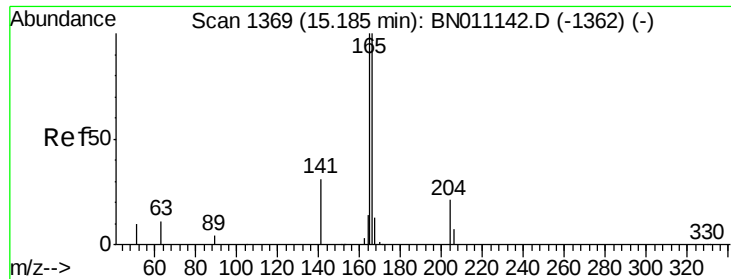


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#18

Fluorene

Concen: 0.107 ng

RT: 15.21 min Scan# 1371

Delta R.T. 0.03 min

Lab File: BN011140.D

Acq: 10 Jul 2020 09:34

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

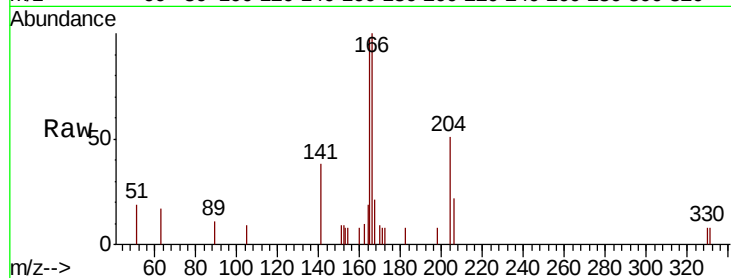
Tot Ion:166 Resp: 1414

Ion Ratio Lower Upper

166 100

165 98.7 79.1 118.7

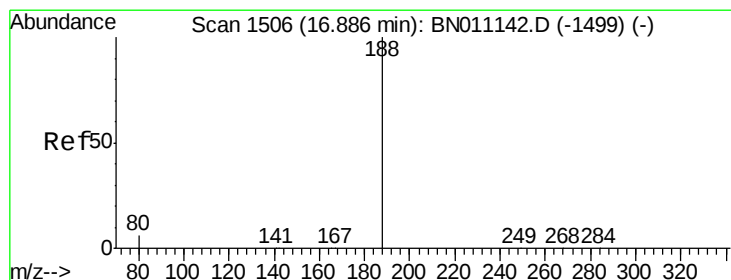
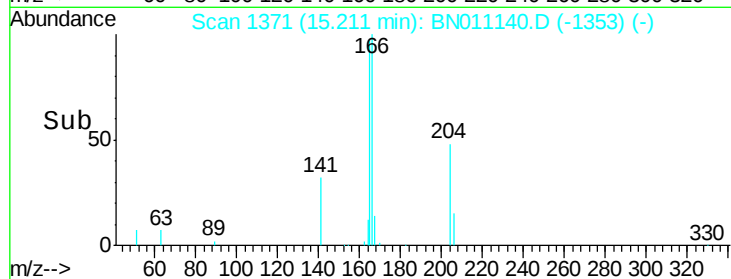
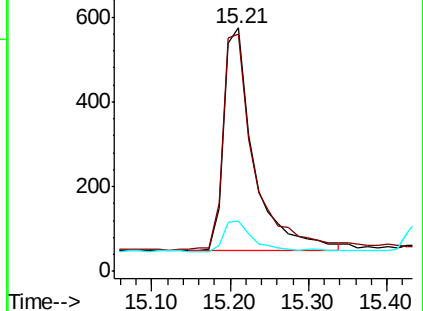
167 13.4 10.5 15.7



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. 0.01 min

Lab File: BN011140.D

Acq: 10 Jul 2020 09:34

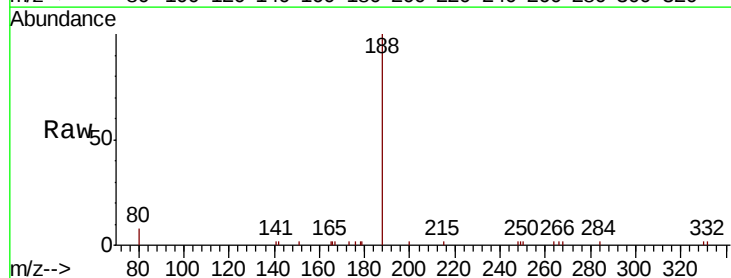
Tgt Ion:188 Resp: 6294

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

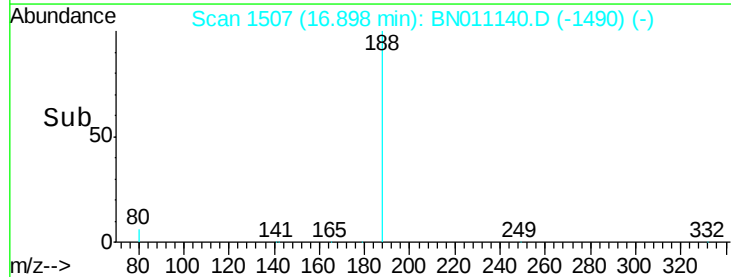
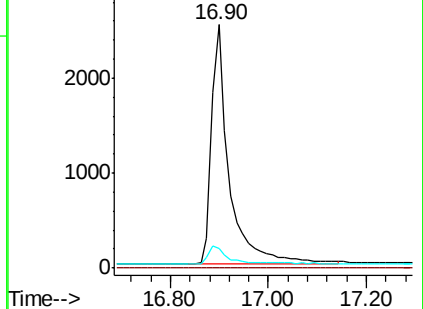
80 8.0 6.3 9.5

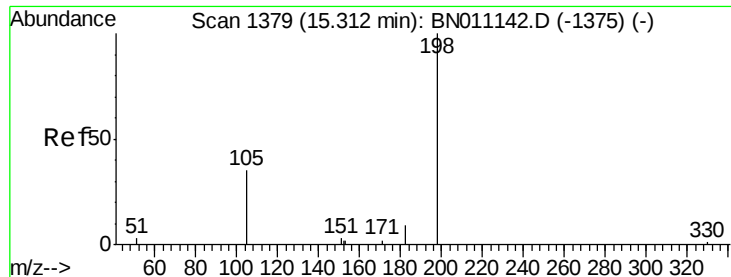


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#20

4,6-Dinitro-2-methylphenol

Concen: 0.061 ng

RT: 15.36 min Scan# 1383

Delta R.T. 0.05 min

Lab File: BN011140.D

Acq: 10 Jul 2020 09:34

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

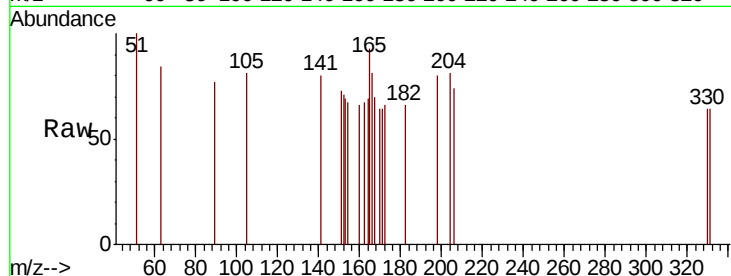
Tot Ion:198 Resp: 41

Ion Ratio Lower Upper

198 100

51 125.0 53.1 79.7#

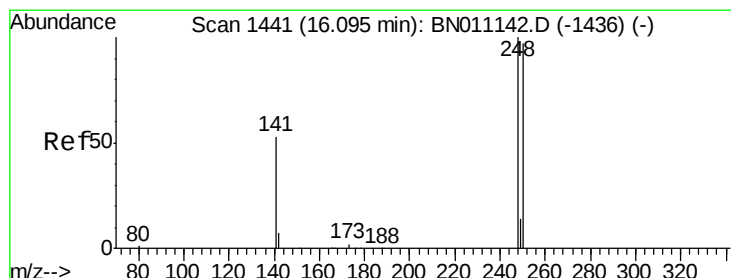
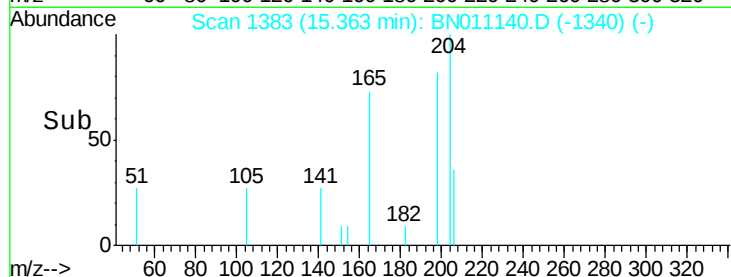
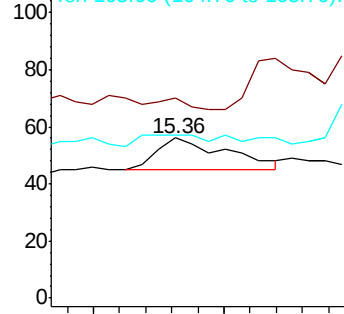
105 101.8 51.9 77.9#



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: 0.099 ng

RT: 16.11 min Scan# 1442

Delta R.T. 0.01 min

Lab File: BN011140.D

Acq: 10 Jul 2020 09:34

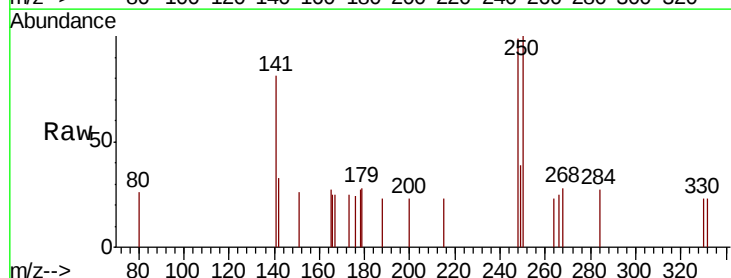
Tgt Ion:248 Resp: 415

Ion Ratio Lower Upper

248 100

250 100.5 78.4 117.6

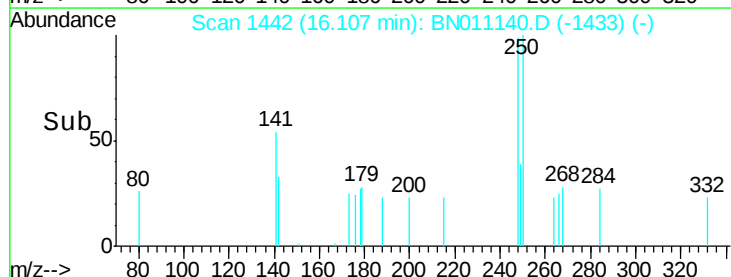
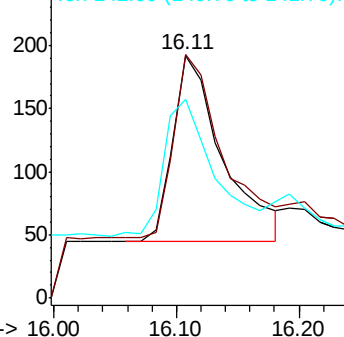
141 81.8 45.1 67.7#

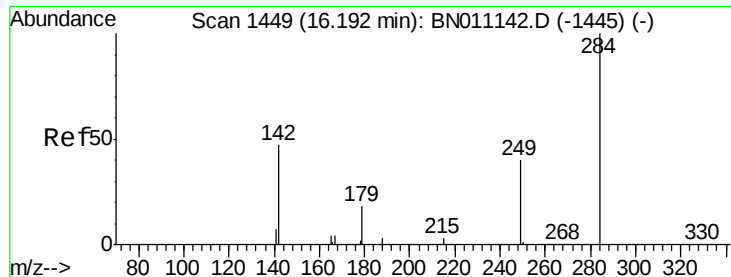


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#22

Hexachlorobenzene

Concen: 0.123 ng

RT: 16.20 min Scan# 1450

Delta R.T. 0.01 min

Lab File: BN011140.D

Acq: 10 Jul 2020 09:34

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

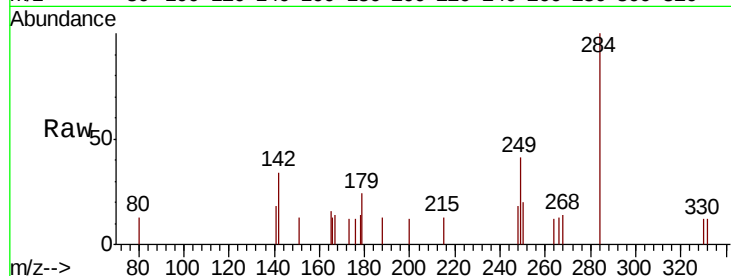
Tot Ion:284 Resp: 605

Ion Ratio Lower Upper

284 100

142 42.3 32.6 48.8

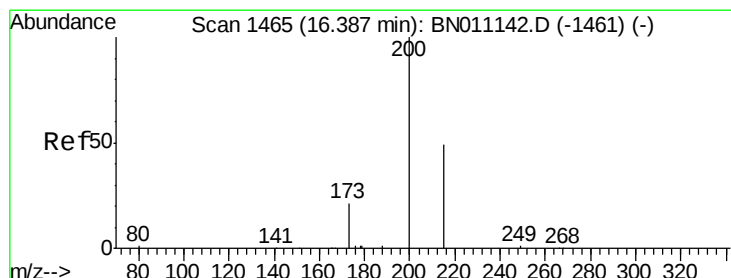
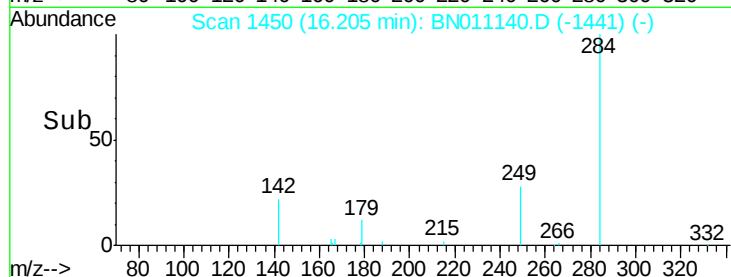
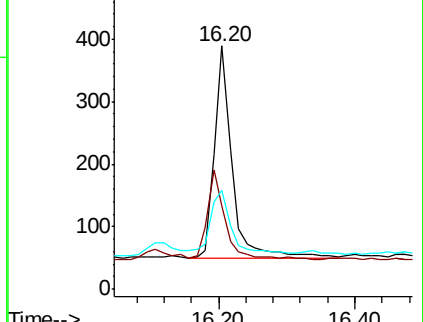
249 32.7 28.4 42.6



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: 0.100 ng

RT: 16.40 min Scan# 1466

Delta R.T. 0.01 min

Lab File: BN011140.D

Acq: 10 Jul 2020 09:34

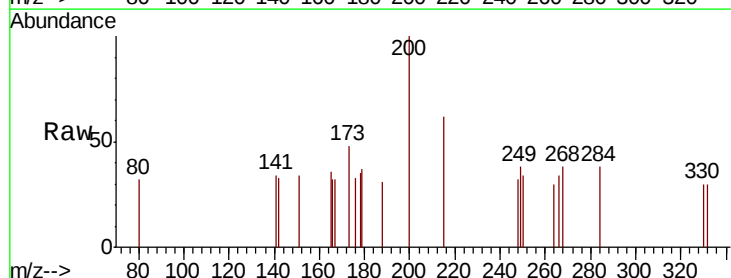
Tgt Ion:200 Resp: 296

Ion Ratio Lower Upper

200 100

173 48.3 23.0 34.4#

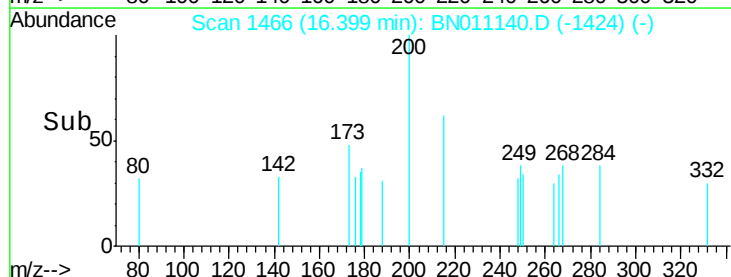
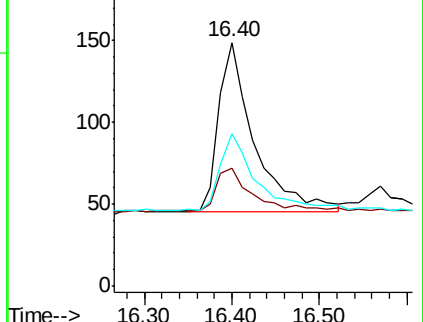
215 62.4 42.6 63.8

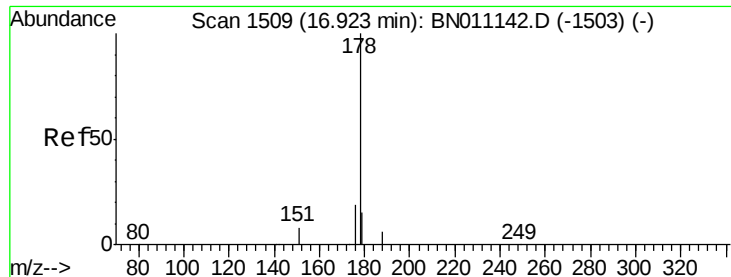


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#25

Phenanthrene

Concen: 0.107 ng

RT: 16.93 min Scan# 1510

Delta R.T. 0.01 min

Lab File: BN011140.D

Acq: 10 Jul 2020 09:34

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

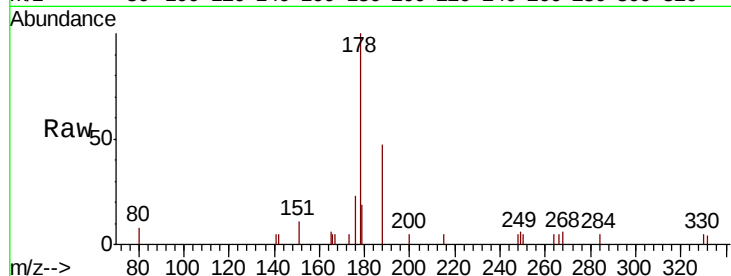
Tot Ion:178 Resp: 2177

Ion Ratio Lower Upper

178 100

176 18.8 15.3 22.9

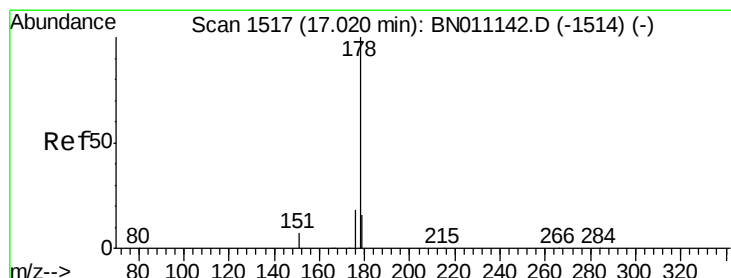
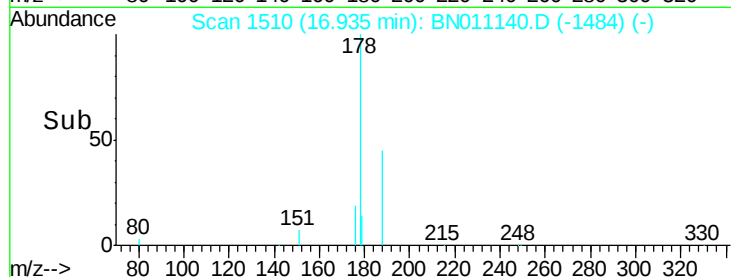
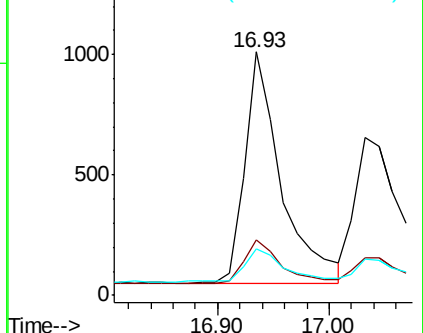
179 15.4 12.6 18.8



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: 0.097 ng

RT: 17.03 min Scan# 1518

Delta R.T. 0.01 min

Lab File: BN011140.D

Acq: 10 Jul 2020 09:34

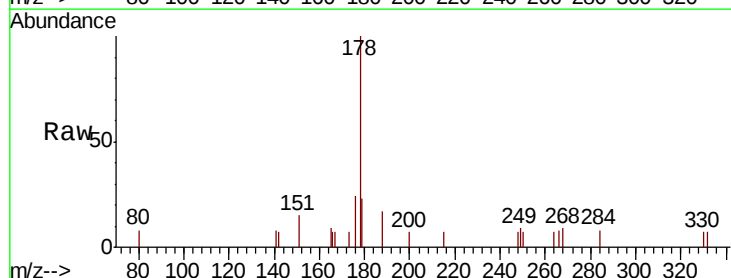
Tgt Ion:178 Resp: 1643

Ion Ratio Lower Upper

178 100

176 19.2 14.5 21.7

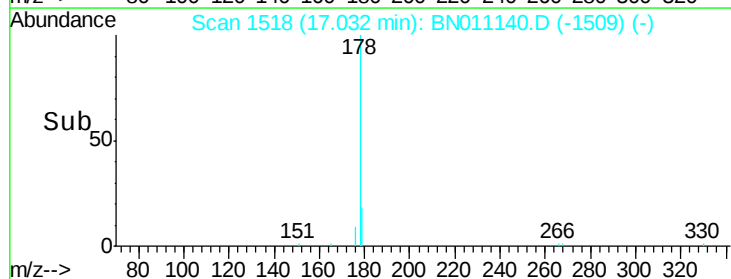
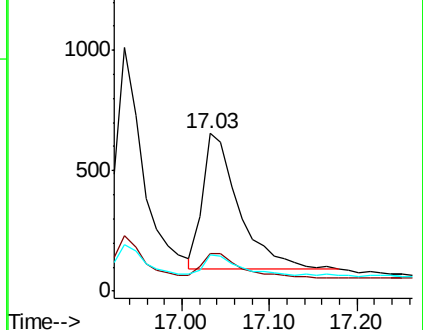
179 13.4 12.0 18.0

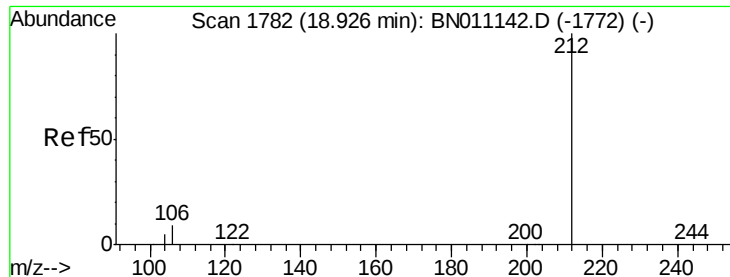


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

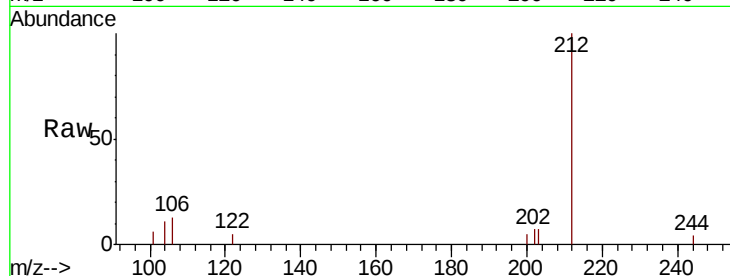




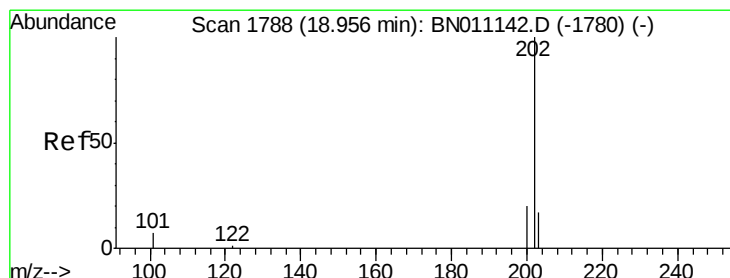
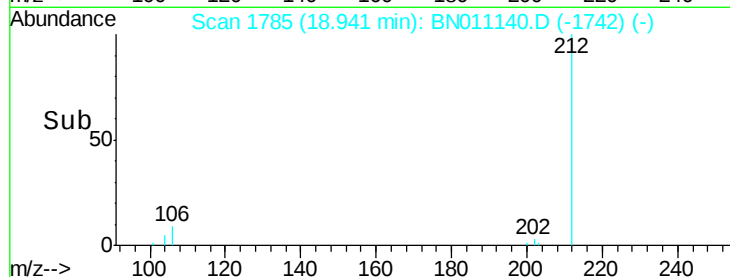
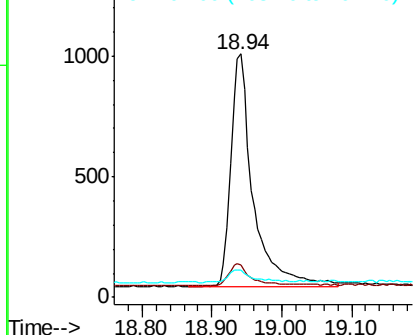
#27
 Fluoranthene-d10
 Concen: 0.111 ng
 RT: 18.94 min Scan# 1785
 Delta R.T. 0.02 min
 Lab File: BN011140.D
 Acq: 10 Jul 2020 09:34

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.1

Tot Ion:212 Resp: 2122
 Ion Ratio Lower Upper
 212 100
 106 8.9 7.0 10.6
 104 5.4 4.2 6.4

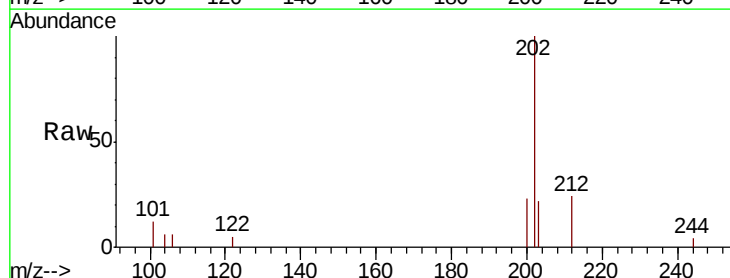


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

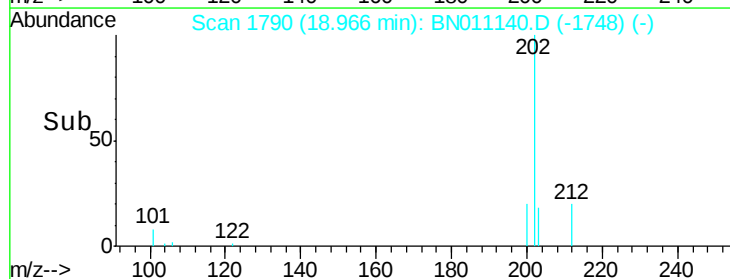
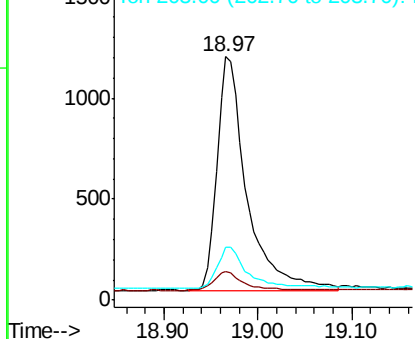


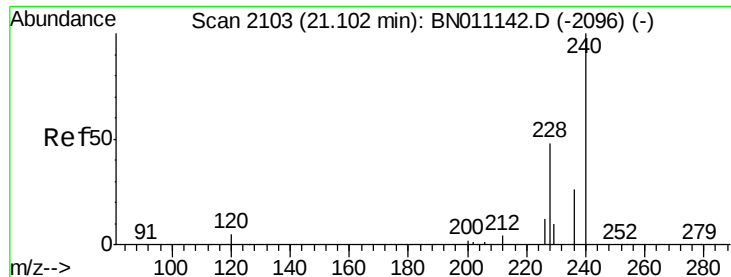
#28
 Fluoranthene
 Concen: 0.111 ng
 RT: 18.97 min Scan# 1790
 Delta R.T. 0.01 min
 Lab File: BN011140.D
 Acq: 10 Jul 2020 09:34

Tgt Ion:202 Resp: 2546
 Ion Ratio Lower Upper
 202 100
 101 8.0 5.9 8.9
 203 17.0 13.6 20.4



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. 0.01 min

Lab File: BN011140.D

Acq: 10 Jul 2020 09:34

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

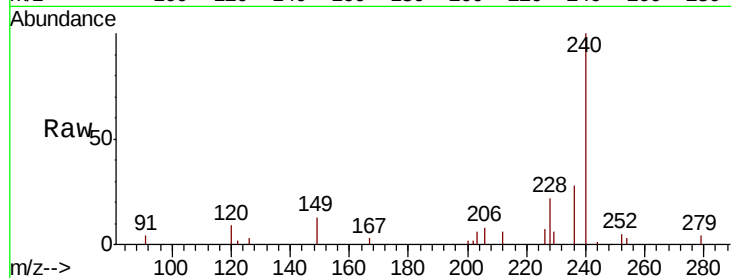
Tot Ion:240 Resp: 6492

Ion Ratio Lower Upper

240 100

120 8.9 6.5 9.7

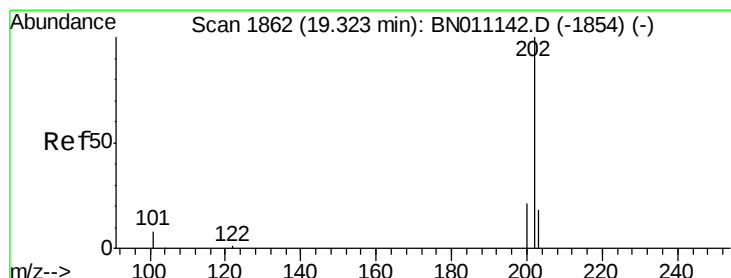
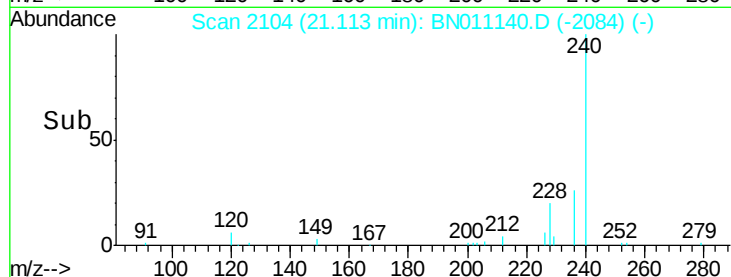
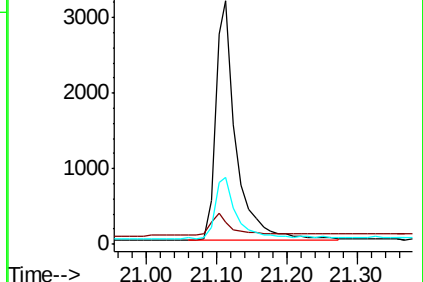
236 27.5 21.9 32.9



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: 0.104 ng

RT: 19.33 min Scan# 1864

Delta R.T. 0.01 min

Lab File: BN011140.D

Acq: 10 Jul 2020 09:34

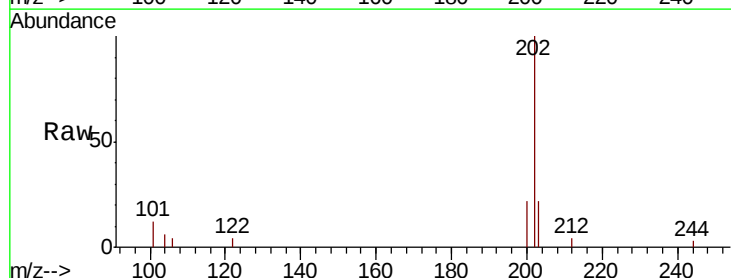
Tgt Ion:202 Resp: 2510

Ion Ratio Lower Upper

202 100

200 20.6 16.5 24.7

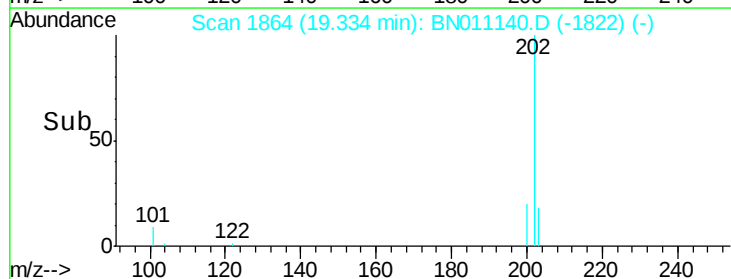
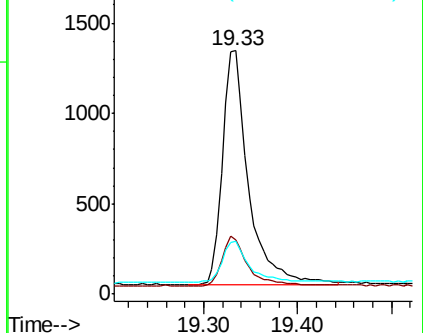
203 18.2 14.2 21.4

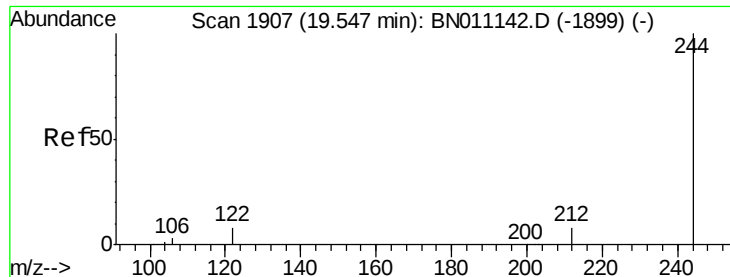


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#31

Terphenyl-d14

Concen: 0.100 ng

RT: 19.56 min Scan# 1909

Delta R.T. 0.01 min

Lab File: BN011140.D

Acq: 10 Jul 2020 09:34

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

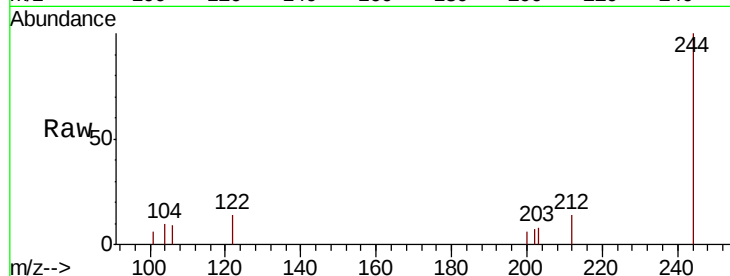
Tot Ion:244 Resp: 1691

Ion Ratio Lower Upper

244 100

212 13.7 7.8 11.6#

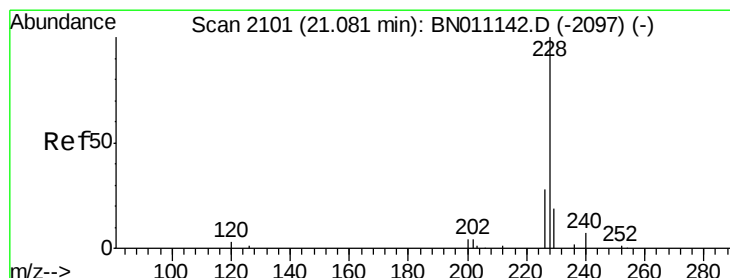
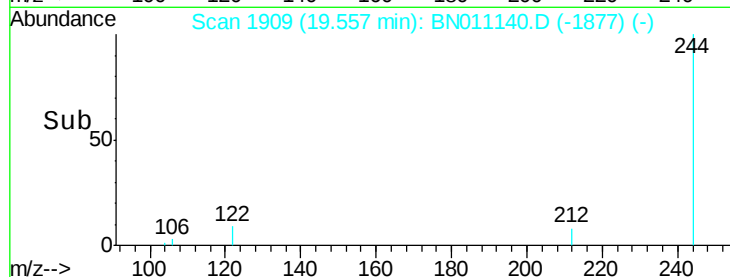
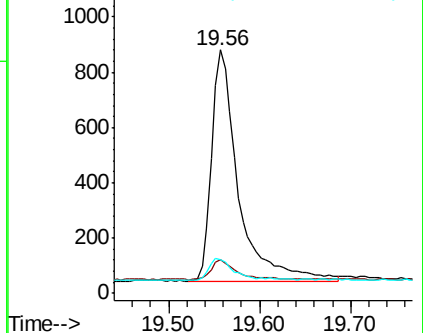
122 13.8 7.4 11.0#



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: 0.106 ng

RT: 21.10 min Scan# 2103

Delta R.T. 0.02 min

Lab File: BN011140.D

Acq: 10 Jul 2020 09:34

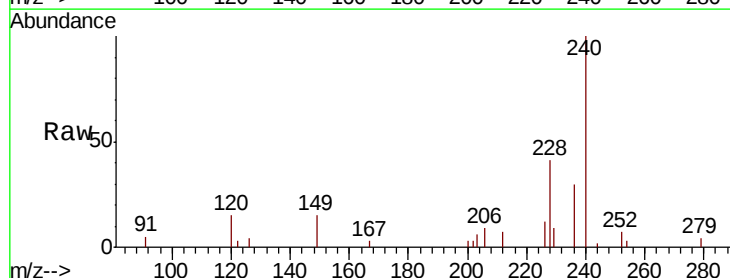
Tgt Ion:228 Resp: 2304

Ion Ratio Lower Upper

228 100

226 30.0 23.2 34.8

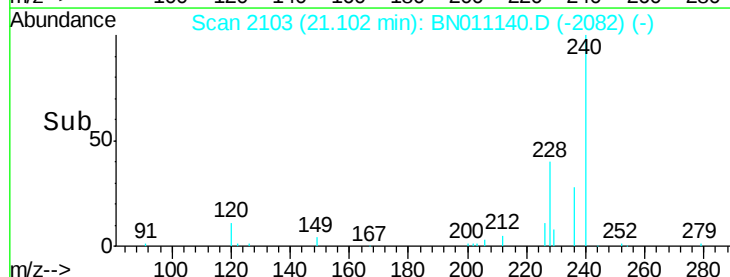
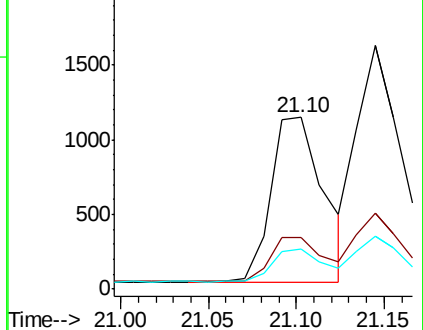
229 23.0 16.2 24.4

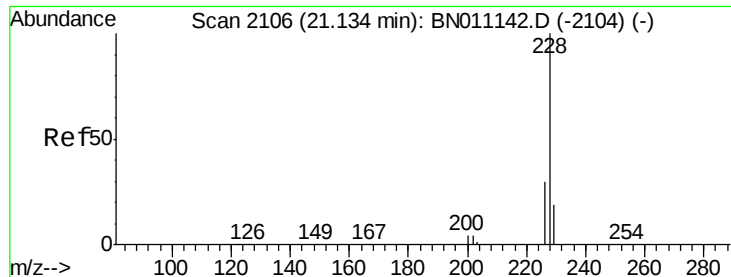


Abundance Ion 228.00 (227.70 to 228.70): E

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. 0.01 min

Lab File: BN011140.D

Acq: 10 Jul 2020 09:34

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

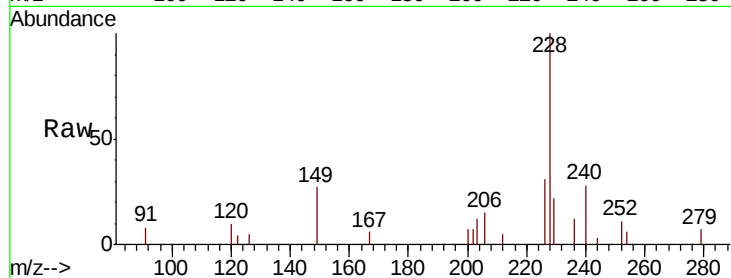
Tot Ion:228 Resp: 3005

Ion Ratio Lower Upper

228 100

226 31.4 24.0 36.0

229 21.7 16.2 24.4

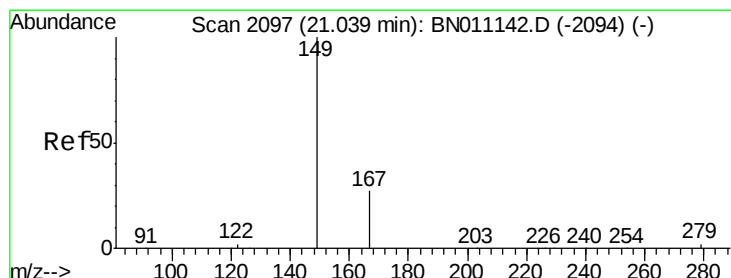
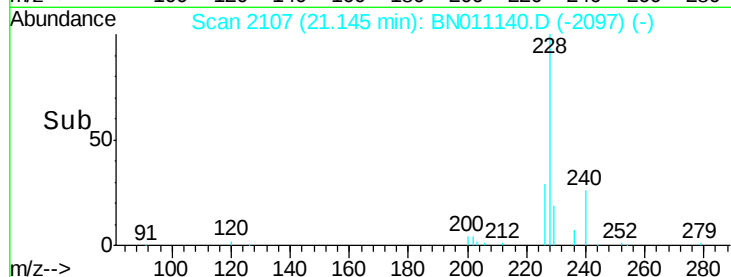
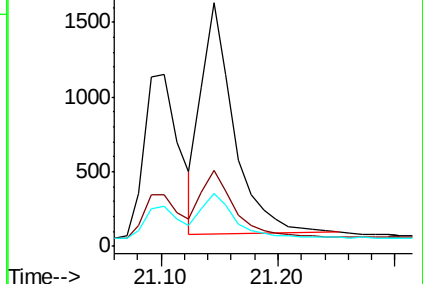


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

21.14



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.137 ng

RT: 21.05 min Scan# 2098

Delta R.T. 0.01 min

Lab File: BN011140.D

Acq: 10 Jul 2020 09:34

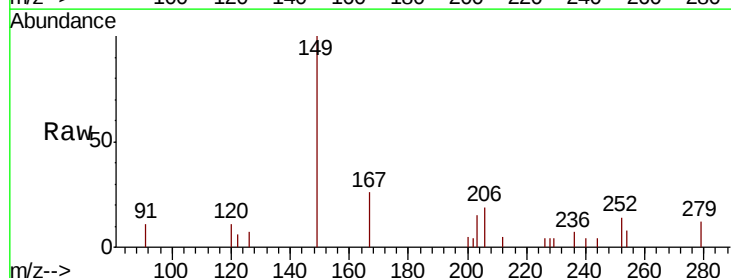
Tgt Ion:149 Resp: 1206

Ion Ratio Lower Upper

149 100

167 24.0 23.4 35.0

279 7.4 4.5 6.7#

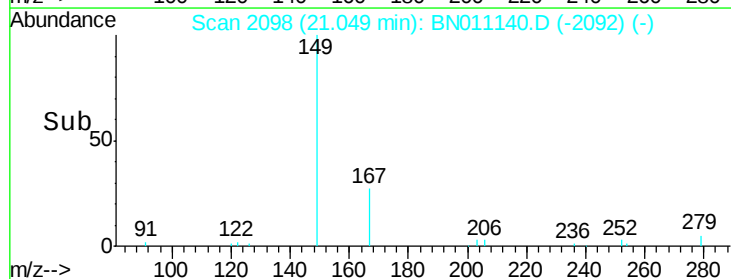
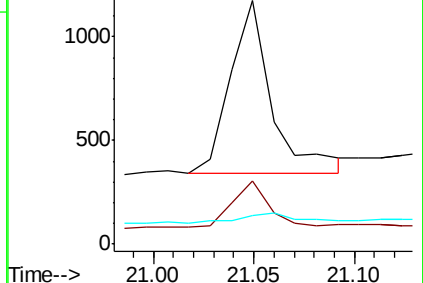


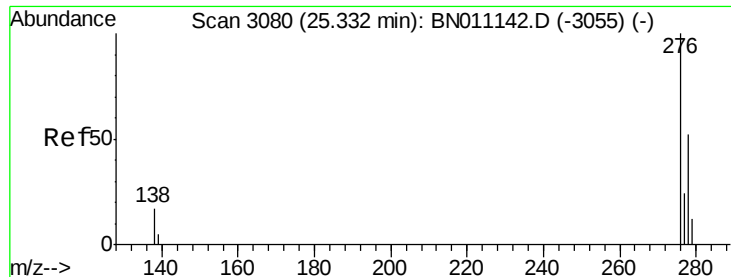
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

21.05





#35

Indeno(1,2,3-cd)pyrene

Concen: 0.094 ng

RT: 25.36 min Scan# 3087

Delta R.T. 0.02 min

Lab File: BN011140.D

Acq: 10 Jul 2020 09:34

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

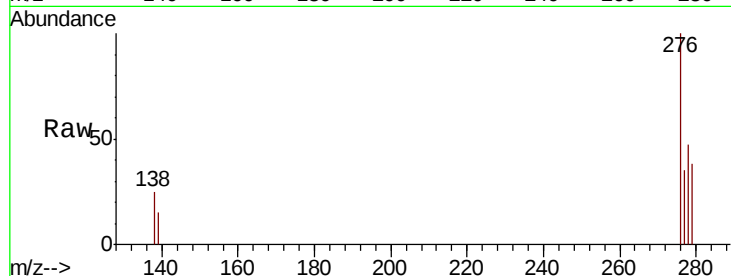
Tot Ion:276 Resp: 2444

Ion Ratio Lower Upper

276 100

138 9.2 13.0 19.6#

277 10.3 19.7 29.5#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

25.36

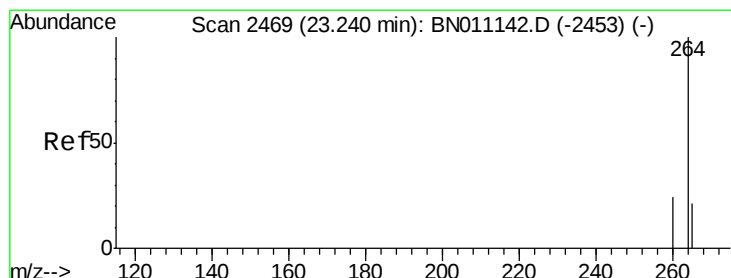
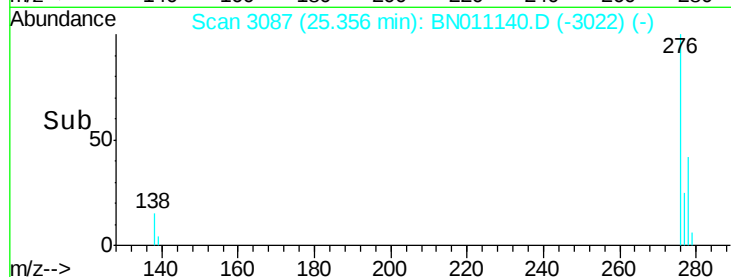
600

400

200

0

Time--> 25.20 25.30 25.40 25.50



#36

Perylene-d12

Concen: 0.400 ng

RT: 23.25 min Scan# 2471

Delta R.T. 0.01 min

Lab File: BN011140.D

Acq: 10 Jul 2020 09:34

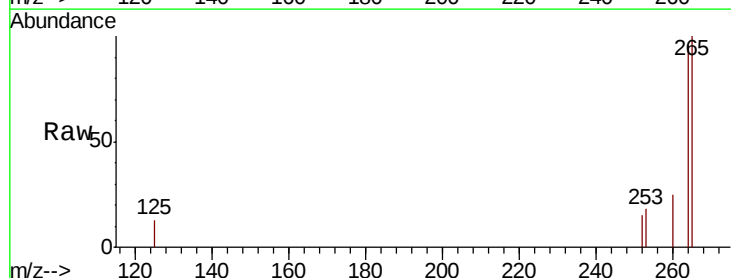
Tgt Ion:264 Resp: 5306

Ion Ratio Lower Upper

264 100

260 25.8 20.1 30.1

265 104.2 76.6 115.0



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

23.25

3000

2500

2000

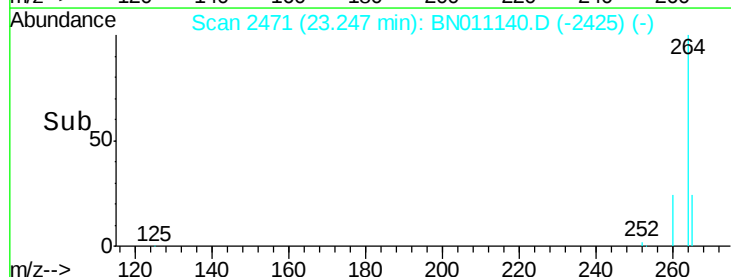
1500

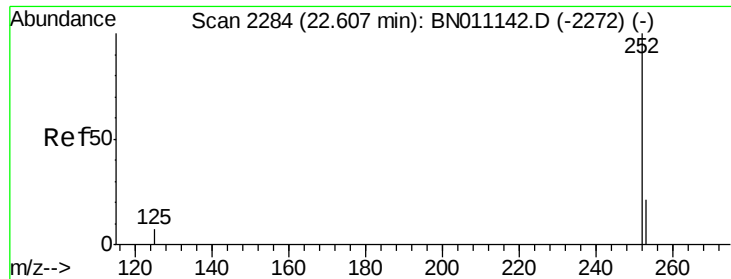
1000

500

0

Time--> 23.20 23.30 23.40





#37

Benzo(b)fluoranthene

Concen: 0.102 ng

RT: 22.62 min Scan# 2288

Delta R.T. 0.01 min

Lab File: BN011140.D

Acq: 10 Jul 2020 09:34

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

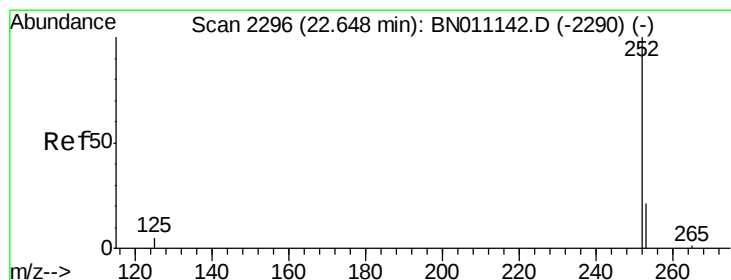
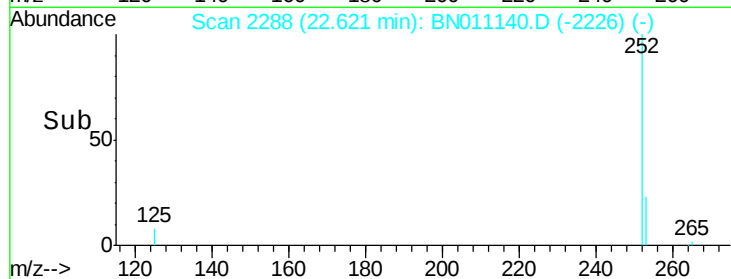
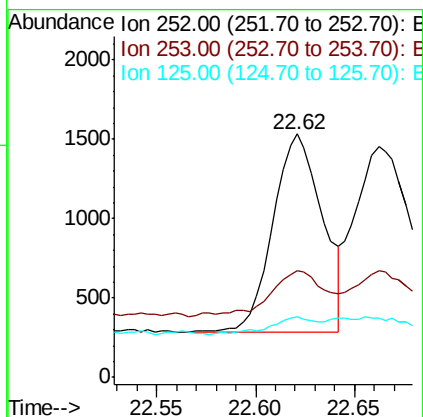
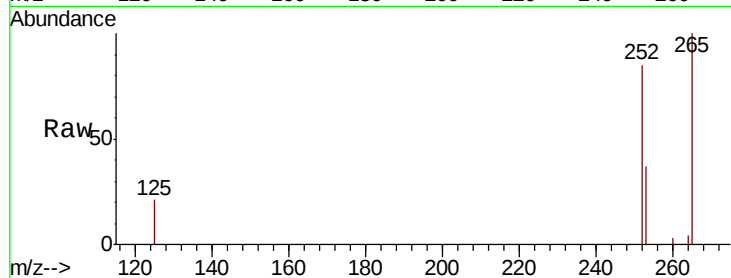
Tot Ion:252 Resp: 2174

Ion Ratio Lower Upper

252 100

253 43.7 22.6 34.0#

125 24.8 9.6 14.4#



#38

Benzo(k)fluoranthene

Concen: 0.114 ng

RT: 22.66 min Scan# 2300

Delta R.T. 0.01 min

Lab File: BN011140.D

Acq: 10 Jul 2020 09:34

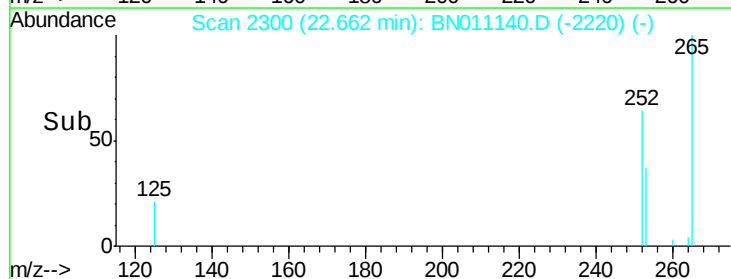
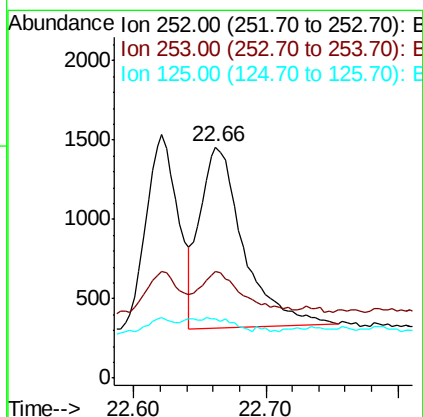
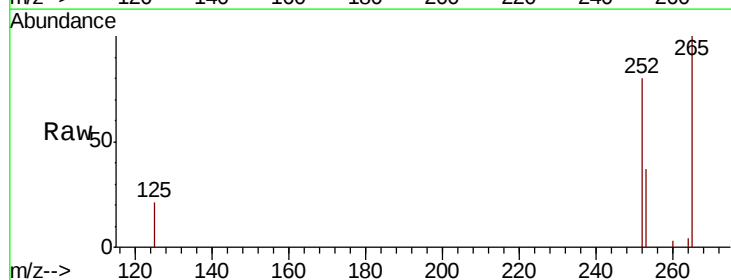
Tgt Ion:252 Resp: 2603

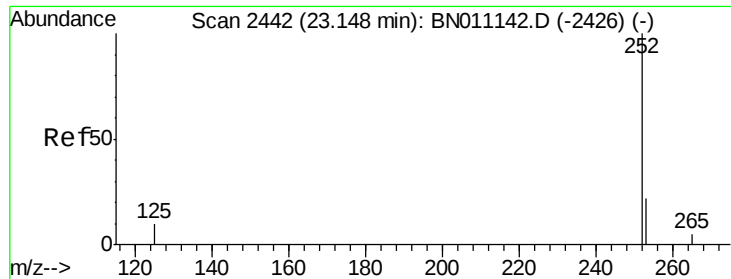
Ion Ratio Lower Upper

252 100

253 46.2 22.2 33.4#

125 25.8 11.0 16.4#





#39

Benzo(a)pyrene

Concen: 0.108 ng

RT: 23.17 min Scan# 2447

Delta R.T. 0.02 min

Lab File: BN011140.D

Acq: 10 Jul 2020 09:34

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

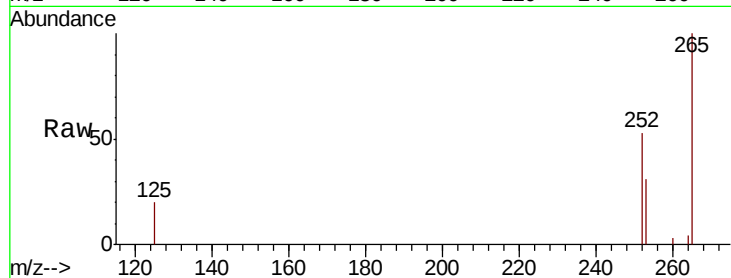
Tot Ion:252 Resp: 1989

Ion Ratio Lower Upper

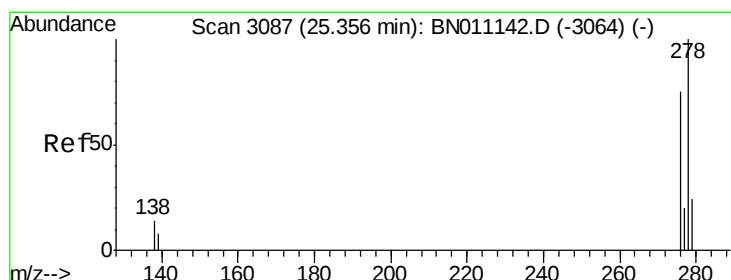
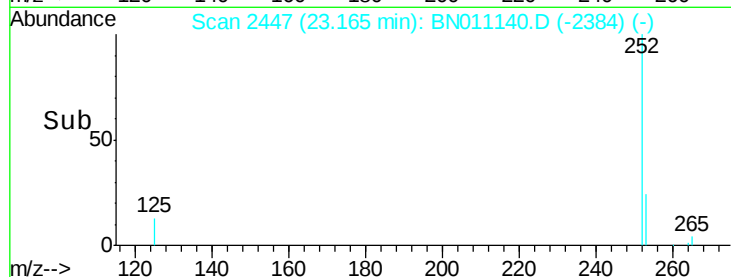
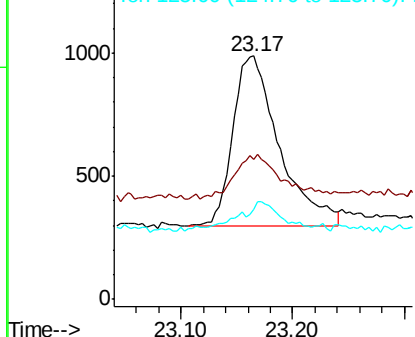
252 100

253 57.7 25.8 38.6#

125 37.0 13.4 20.0#



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: 0.099 ng

RT: 25.38 min Scan# 3094

Delta R.T. 0.02 min

Lab File: BN011140.D

Acq: 10 Jul 2020 09:34

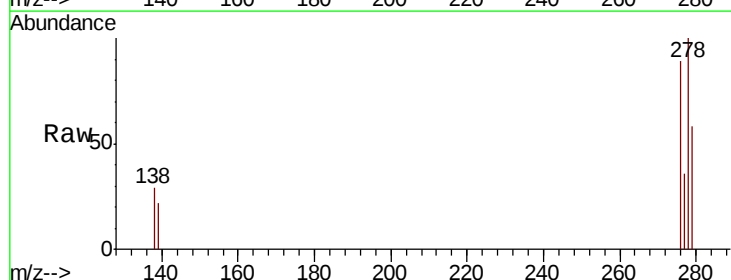
Tgt Ion:278 Resp: 1855

Ion Ratio Lower Upper

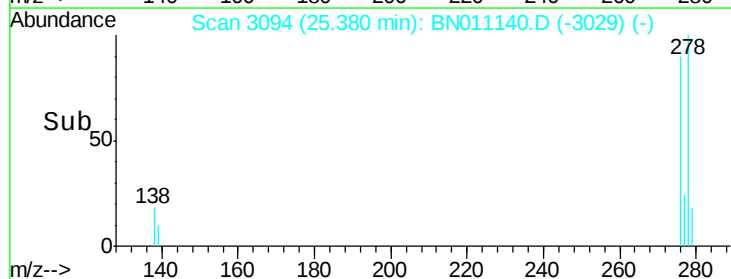
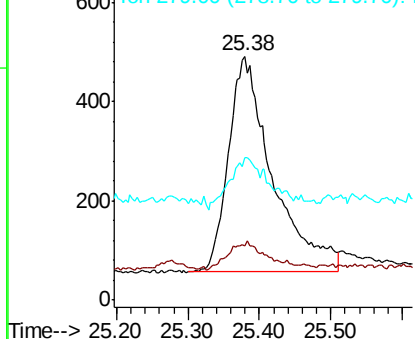
278 100

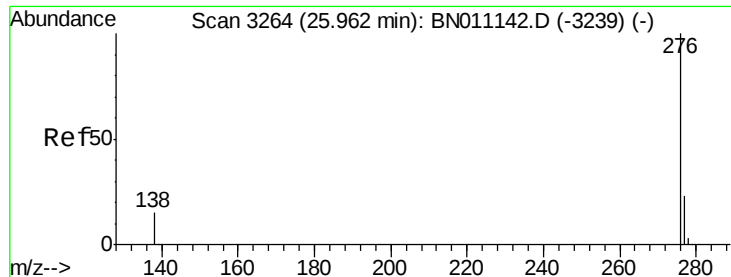
139 22.2 11.7 17.5#

279 58.2 25.0 37.6#



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: 0.132 ng

RT: 25.98 min Scan# 3270

Delta R.T. 0.02 min

Lab File: BN011140.D

Acq: 10 Jul 2020 09:34

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

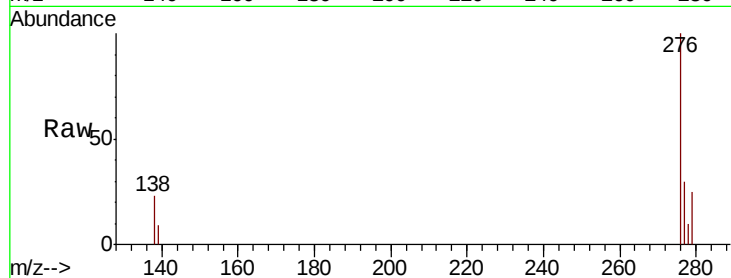
Tot Ion: 276 Resp: 2723

Ion Ratio Lower Upper

276 100

277 29.9 20.5 30.7

138 22.7 13.8 20.6



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

