

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082120\
 Data File : BN011558.D
 Acq On : 21 Aug 2020 17:00
 Operator : CG/JU
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.2

Quant Time: Aug 21 18:42:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082120.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 21 18:41:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	1193	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	4569	0.40	ng	0.00
13) Acenaphthene-d10	14.03	164	3260	0.40	ng	0.00
19) Phenanthrene-d10	16.80	188	7594	0.40	ng	0.01
29) Chrysene-d12	21.01	240	7495	0.40	ng	0.00
36) Perylene-d12	23.11	264	6430	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.07	112	593	0.21	ng	0.00
5) Phenol-d6	6.64	99	489	0.15	ng	0.00
8) Nitrobenzene-d5	8.56	82	494	0.13	ng	0.01
11) 2-Methylnaphthalene-d10	11.76	152	1772	0.21	ng	0.00
14) 2,4,6-Tribromophenol	15.56	330	312	0.21	ng	0.01
15) 2-Fluorobiphenyl	12.66	172	2686	0.19	ng	0.00
27) Fluoranthene-d10	18.84	212	5495	0.24	ng	0.00
31) Terphenyl-d14	19.46	244	4273	0.26	ng	0.00

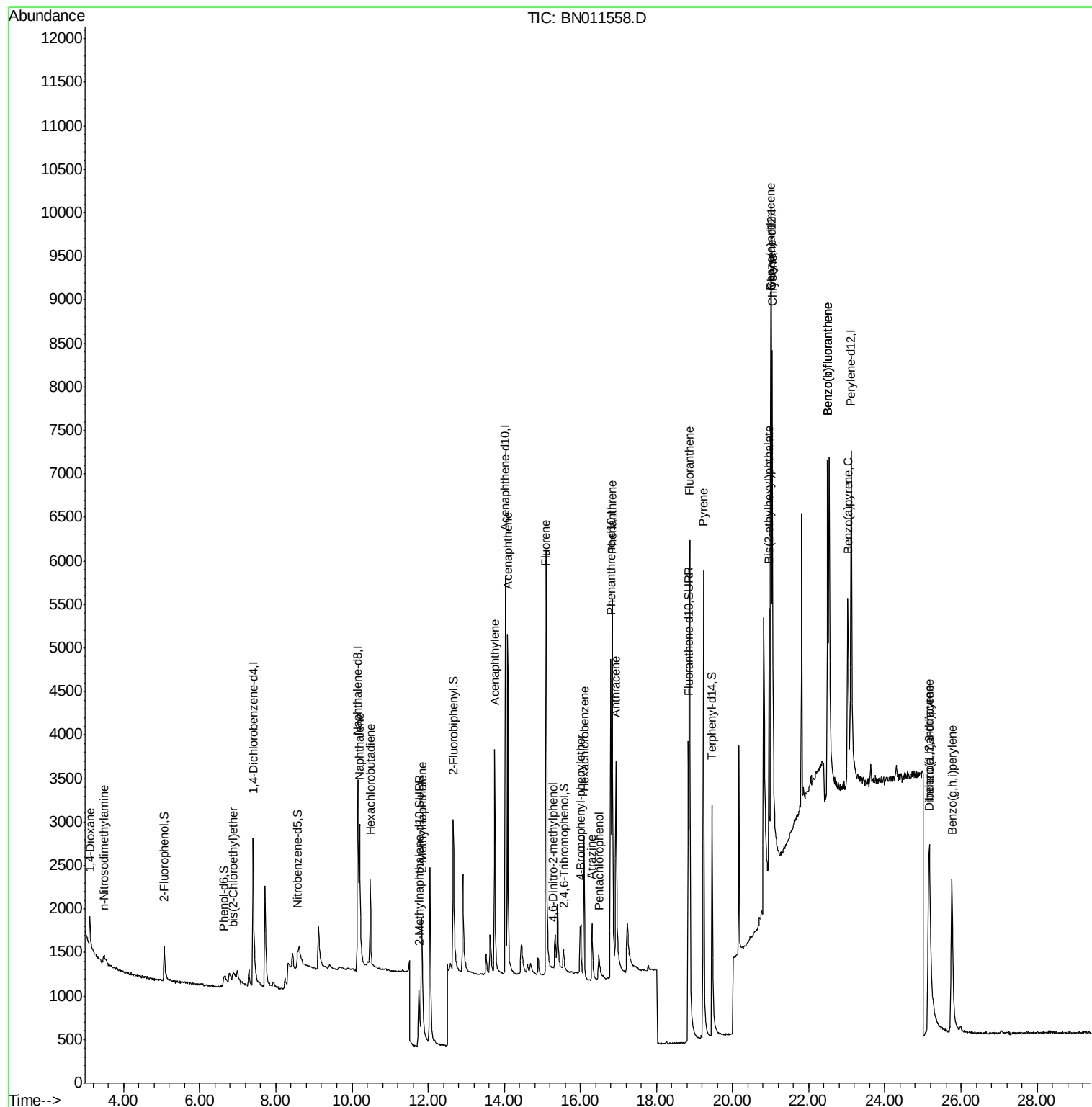
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.12	88	389	0.251	ng	# 100
3) n-Nitrosodimethylamine	3.49	42	136	0.212	ng	# 83
6) bis(2-Chloroethyl)ether	6.88	93	454	0.179	ng	# 77
9) Naphthalene	10.20	128	2883	0.217	ng	96
10) Hexachlorobutadiene	10.48	225	846	0.245	ng	# 99
12) 2-Methylnaphthalene	11.83	142	1979	0.207	ng	98
16) Acenaphthylene	13.75	152	3494	0.214	ng	99
17) Acenaphthene	14.09	154	2382	0.225	ng	100
18) Fluorene	15.09	166	3154	0.232	ng	100
20) 4,6-Dinitro-2-methylphenol	15.27	198	153	0.165	ng	# 77
21) 4-Bromophenyl-phenylether	16.02	248	577	0.092	ng	99
22) Hexachlorobenzene	16.10	284	1276	0.225	ng	98
23) Atrazine	16.30	200	844	0.228	ng	96
24) Pentachlorophenol	16.48	266	340	0.196	ng	96
25) Phenanthrene	16.83	178	5059	0.209	ng	99
26) Anthracene	16.93	178	4019	0.195	ng	99
28) Fluoranthene	18.87	202	6553	0.229	ng	99
30) Pyrene	19.24	202	6669	0.270	ng	99
32) Benzo(a)anthracene	21.00	228	5005	0.219	ng	99
33) Chrysene	21.05	228	6550	0.251	ng	99
34) Bis(2-ethylhexyl)phthalate	20.96	149	2592	0.318	ng	98
35) Indeno(1,2,3-cd)pyrene	25.15	276	4782	0.150	ng	95
37) Benzo(b)fluoranthene	22.50	252	5157	0.201	ng	# 95
38) Benzo(k)fluoranthene	22.50	252	5123	0.193	ng	96
39) Benzo(a)pyrene	23.03	252	4720	0.211	ng	# 92
40) Dibenzo(a,h)anthracene	25.18	278	3118	0.125	ng	# 88
41) Benzo(g,h,i)perylene	25.76	276	4553	0.175	ng	99

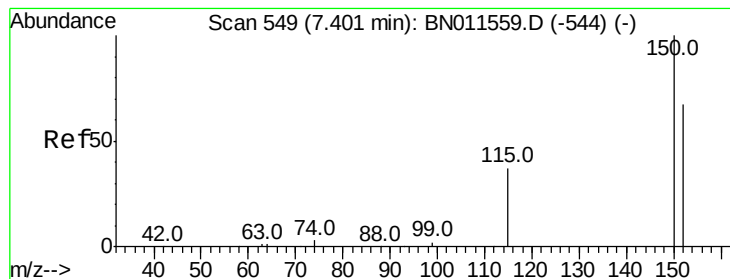
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.40 min Scan# 549

Delta R.T. -0.00 min

Lab File: BN011558.D

Acq: 21 Aug 2020 17:00

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

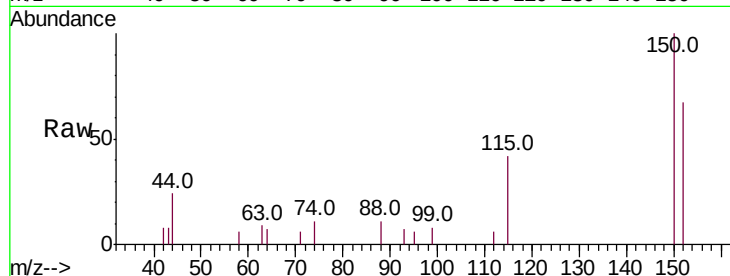
Tot Ion:152 Resp: 1193

Ion Ratio Lower Upper

152 100

150 149.2 117.1 175.7

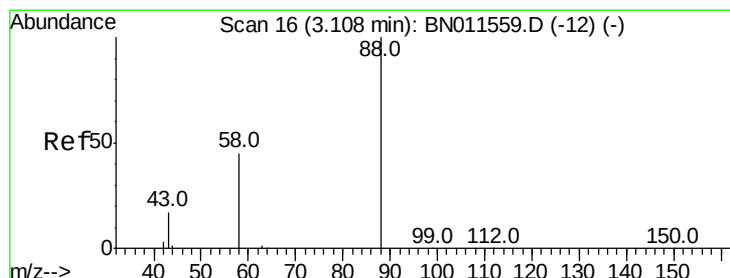
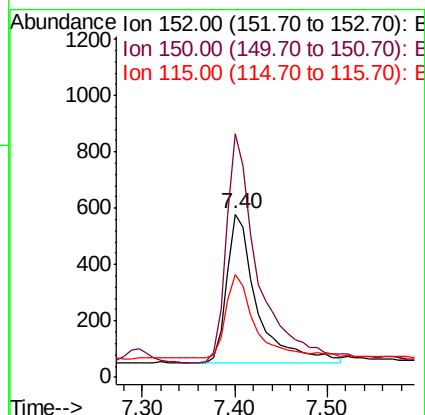
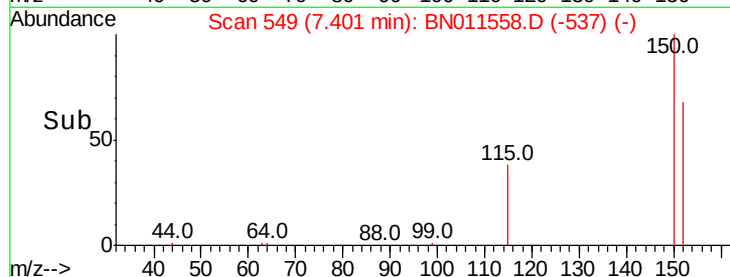
115 62.9 48.7 73.1



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: 0.251 ng

RT: 3.12 min Scan# 17

Delta R.T. 0.01 min

Lab File: BN011558.D

Acq: 21 Aug 2020 17:00

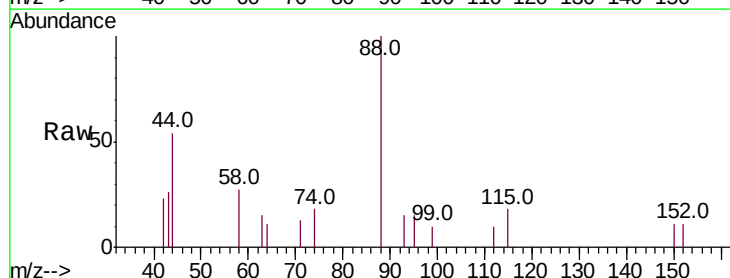
Tgt Ion: 88 Resp: 389

Ion Ratio Lower Upper

88 100

58 45.8 0.0 0.0#

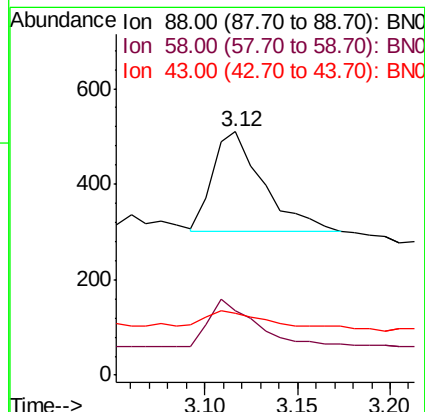
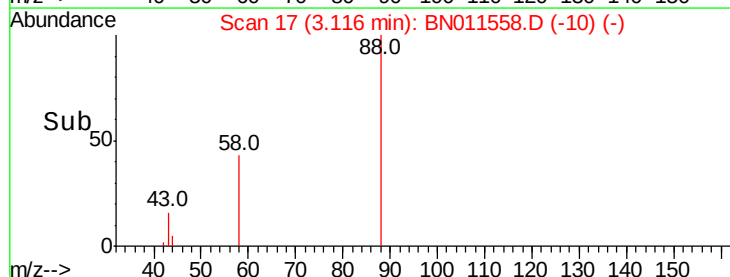
43 15.9 0.0 0.0#

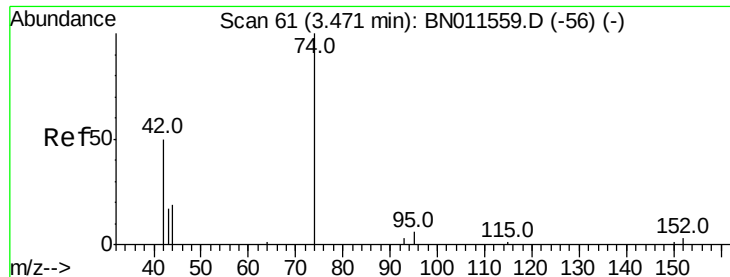


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.212 ng

RT: 3.49 min Scan# 63

Delta R.T. 0.02 min

Lab File: BN011558.D

Acq: 21 Aug 2020 17:00

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

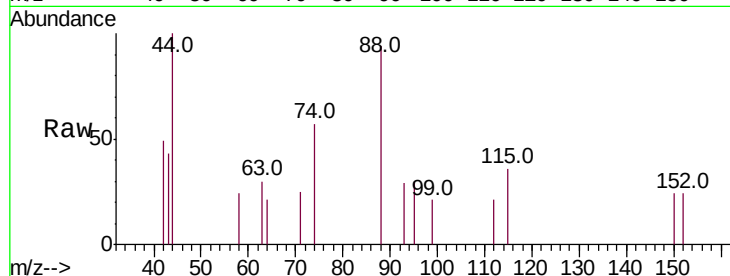
Tot Ion: 42 Resp: 136

Ion Ratio Lower Upper

42 100

74 184.6 169.0 253.4

44 17.6 21.6 32.4#



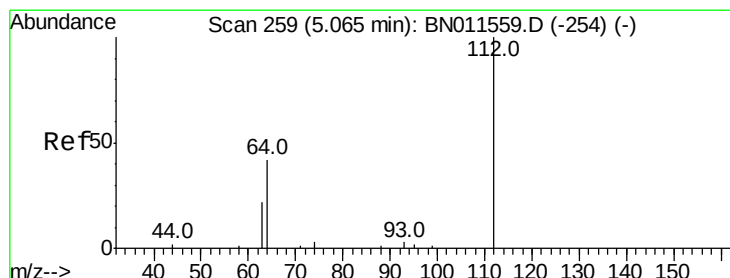
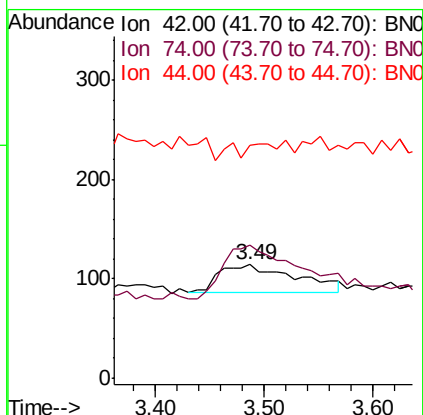
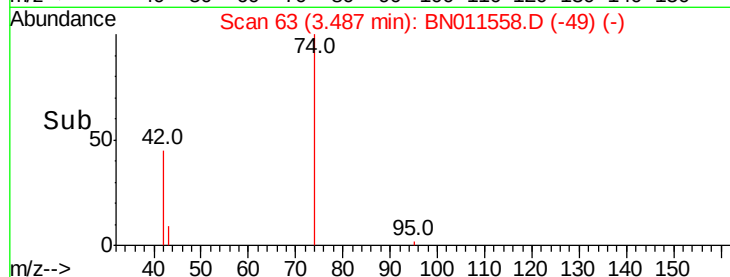
Abundance Ion 42.00 (41.70 to 42.70): BN0

Ion 74.00 (73.70 to 74.70): BN0

Ion 44.00 (43.70 to 44.70): BN0

3.49

Time-->



#4

2-Fluorophenol

Concen: 0.213 ng

RT: 5.07 min Scan# 259

Delta R.T. 0.00 min

Lab File: BN011558.D

Acq: 21 Aug 2020 17:00

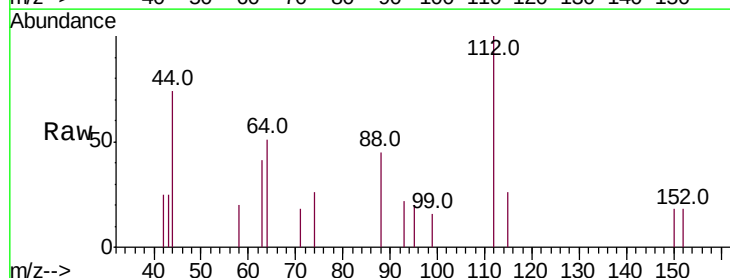
Tgt Ion: 112 Resp: 593

Ion Ratio Lower Upper

112 100

64 39.8 33.9 50.9

63 22.9 17.7 26.5



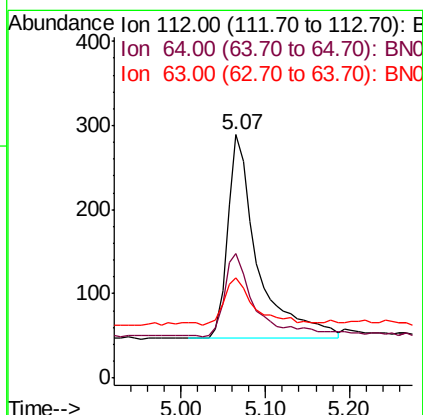
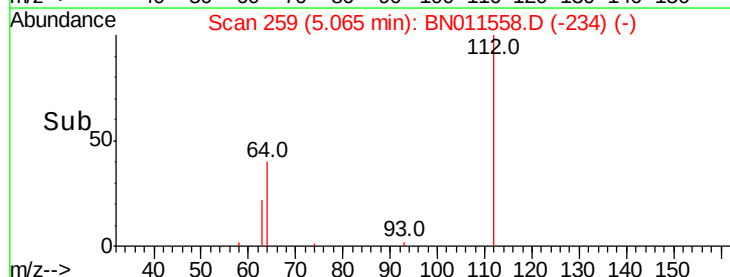
Abundance Ion 112.00 (111.70 to 112.70): E

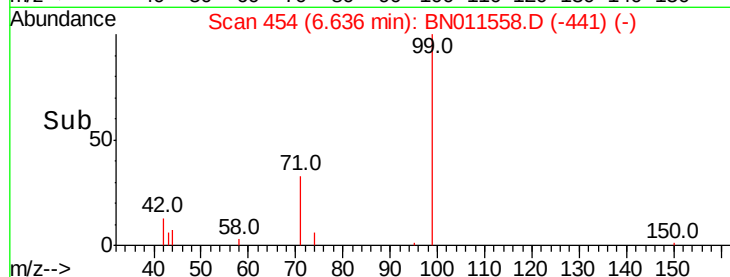
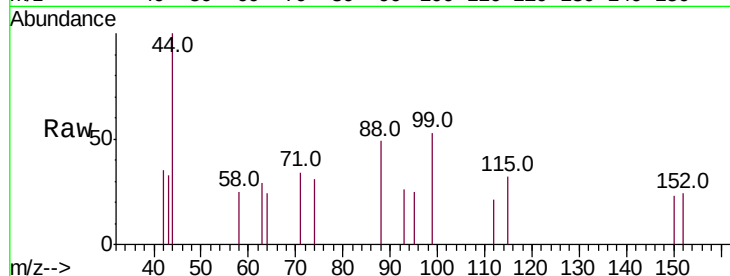
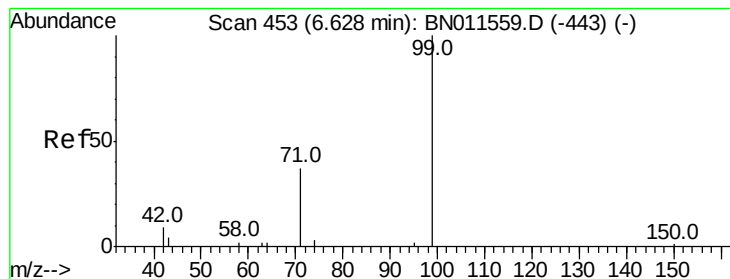
Ion 64.00 (63.70 to 64.70): BN0

Ion 63.00 (62.70 to 63.70): BN0

5.07

Time-->





#5

Phenol-d6

Concen: 0.152 ng

RT: 6.64 min Scan# 454

Delta R.T. 0.01 min

Lab File: BN011558.D

Acq: 21 Aug 2020 17:00

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

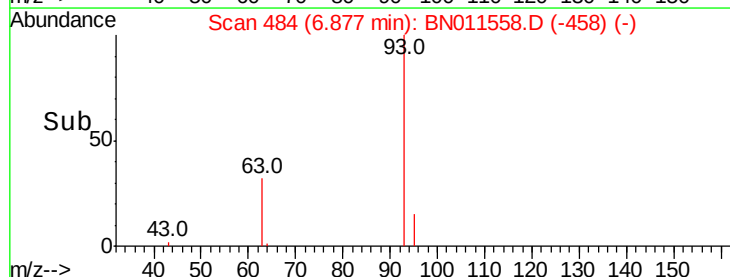
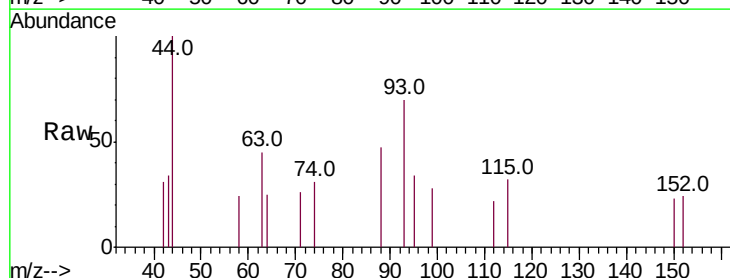
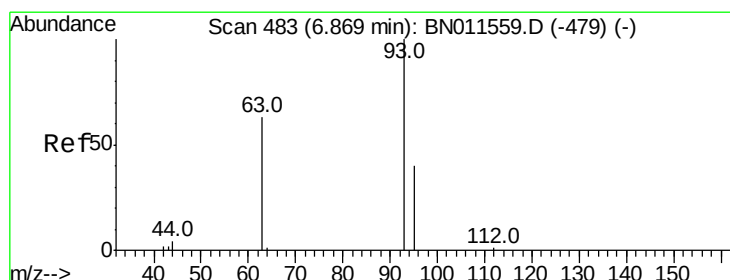
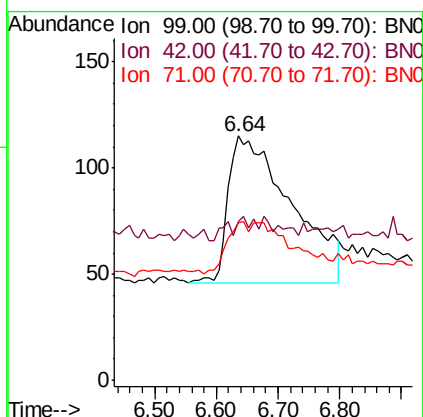
Tot Ion: 99 Resp: 489

Ion Ratio Lower Upper

99 100

42 2.0 9.0 13.4#

71 12.5 30.4 45.6#



#6

bis(2-Chloroethyl)ether

Concen: 0.179 ng

RT: 6.88 min Scan# 484

Delta R.T. 0.01 min

Lab File: BN011558.D

Acq: 21 Aug 2020 17:00

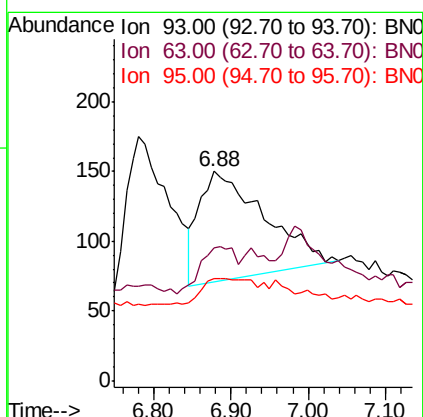
Tgt Ion: 93 Resp: 454

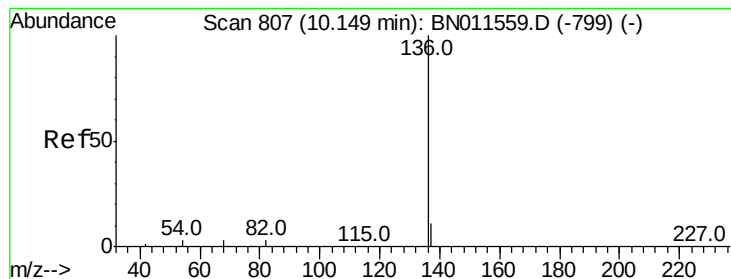
Ion Ratio Lower Upper

93 100

63 24.0 32.9 49.3#

95 22.5 25.3 37.9#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 807

Delta R.T. 0.00 min

Lab File: BN011558.D

Acq: 21 Aug 2020 17:00

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

Tot Ion:136 Resp: 4569

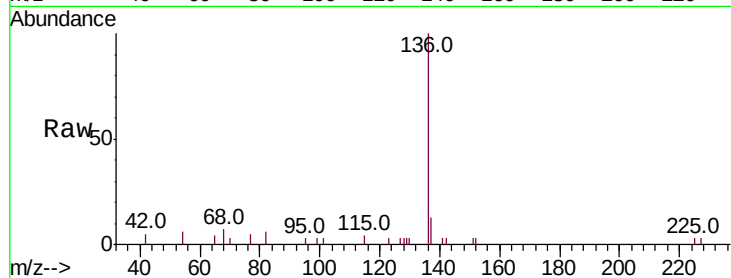
Ion Ratio Lower Upper

136 100

137 13.4 11.0 16.4

54 5.7 4.3 6.5

68 6.6 4.9 7.3

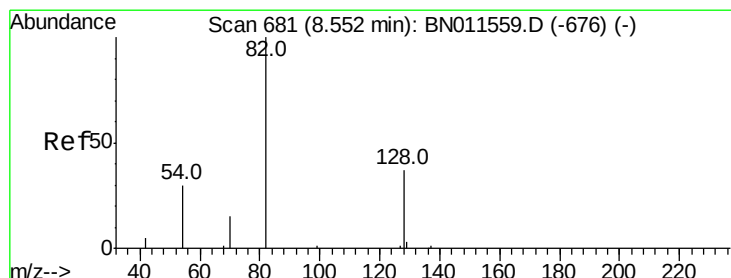
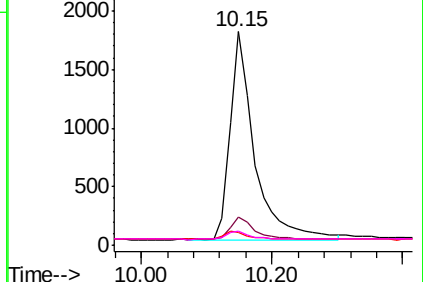
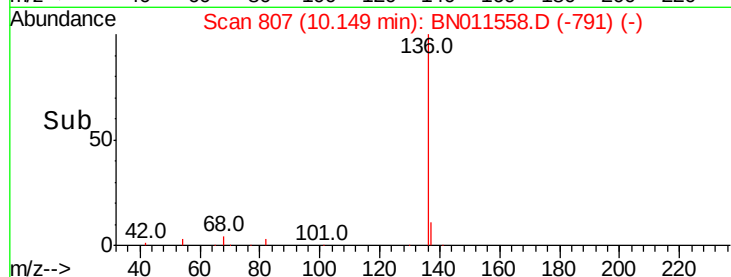


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.134 ng

RT: 8.56 min Scan# 682

Delta R.T. 0.01 min

Lab File: BN011558.D

Acq: 21 Aug 2020 17:00

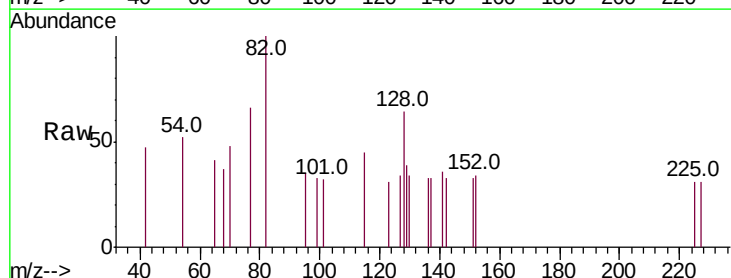
Tgt Ion: 82 Resp: 494

Ion Ratio Lower Upper

82 100

128 64.0 41.7 62.5#

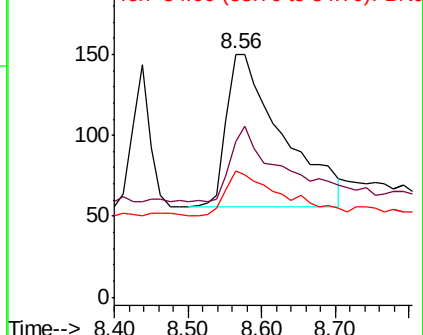
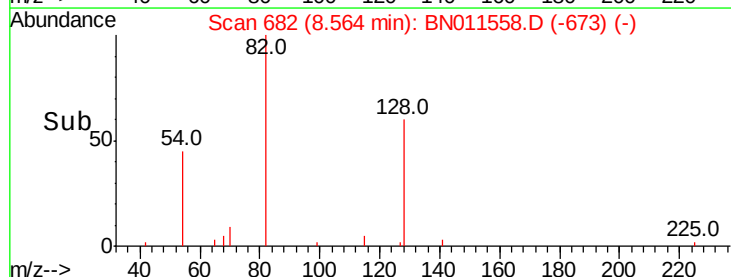
54 52.0 34.4 51.6#

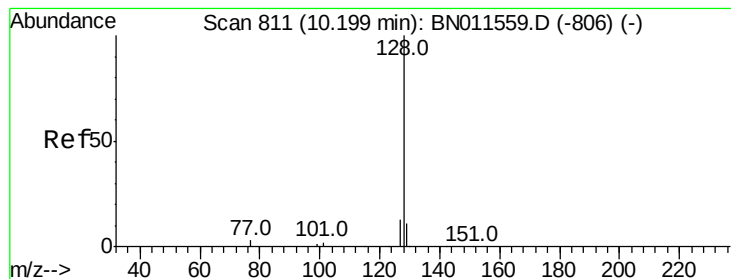


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.217 ng

RT: 10.20 min Scan# 811

Delta R.T. -0.00 min

Lab File: BN011558.D

Acq: 21 Aug 2020 17:00

Instrument :

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SSTDIC0.2

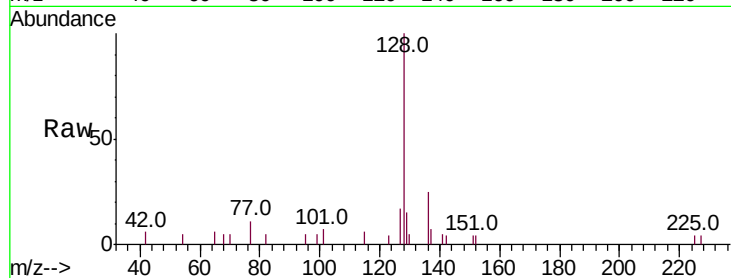
Tot Ion:128 Resp: 2883

Ion Ratio Lower Upper

128 100

129 15.0 10.8 16.2

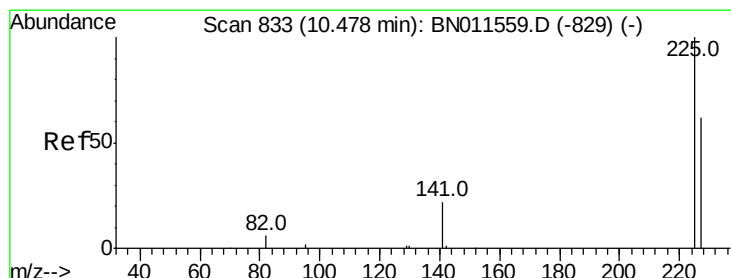
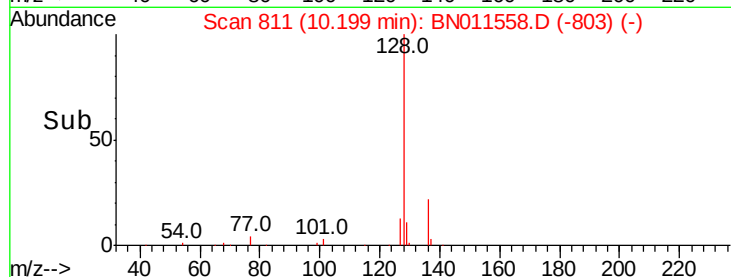
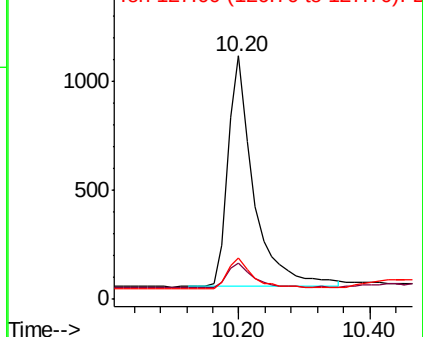
127 17.2 12.3 18.5



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: 0.245 ng

RT: 10.48 min Scan# 833

Delta R.T. 0.00 min

Lab File: BN011558.D

Acq: 21 Aug 2020 17:00

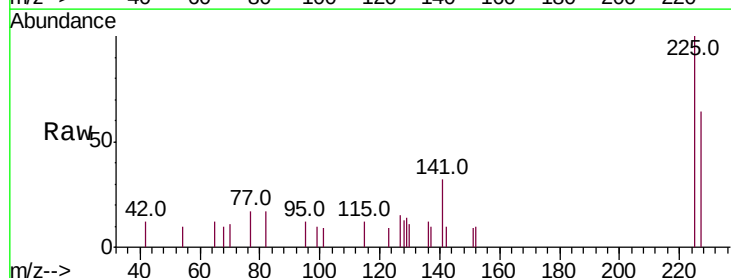
Tgt Ion:225 Resp: 846

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

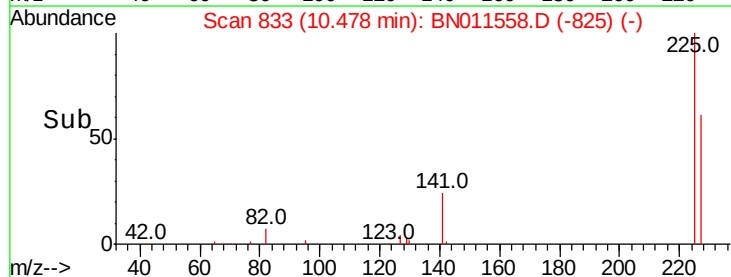
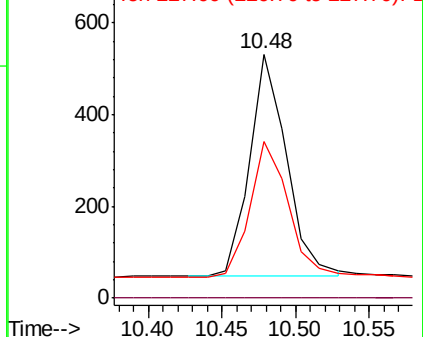
227 63.5 51.3 76.9

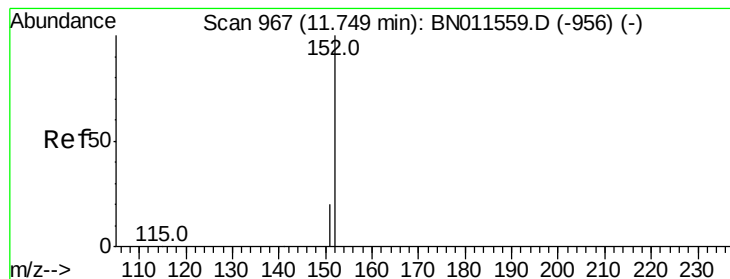


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.210 ng

RT: 11.76 min Scan# 969

Delta R.T. 0.01 min

Lab File: BN011558.D

Acq: 21 Aug 2020 17:00

Instrument :

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ClientSampleId :

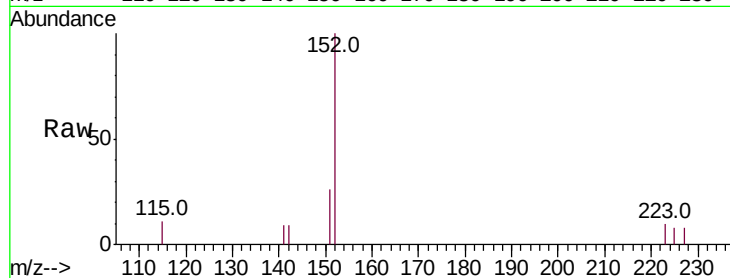
SSTDIC0.2

Tot Ion:152 Resp: 1772

Ion Ratio Lower Upper

152 100

151 19.8 16.6 24.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.76

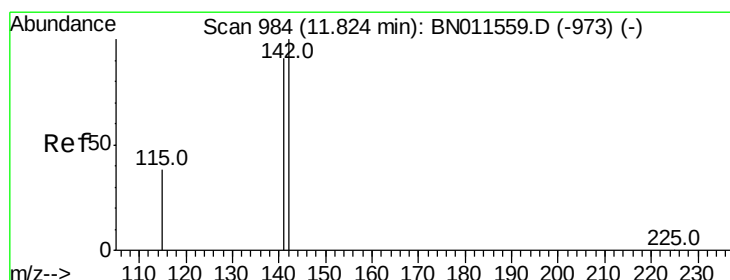
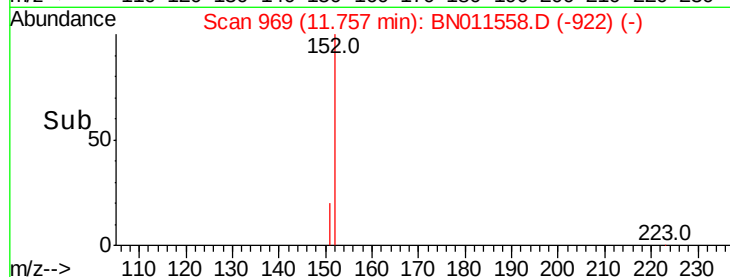
600

400

200

0

Time--> 11.60 11.80



#12

2-Methylnaphthalene

Concen: 0.207 ng

RT: 11.83 min Scan# 986

Delta R.T. 0.01 min

Lab File: BN011558.D

Acq: 21 Aug 2020 17:00

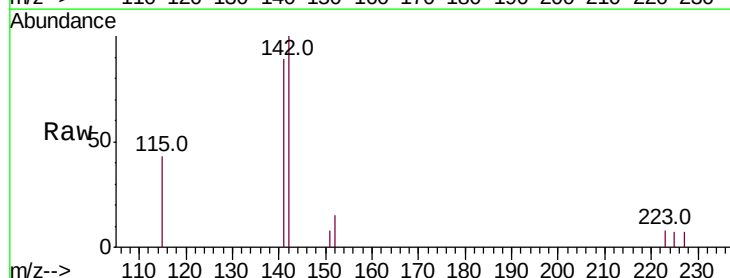
Tgt Ion:142 Resp: 1979

Ion Ratio Lower Upper

142 100

141 88.9 73.0 109.6

115 42.8 33.4 50.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

11.83

1200

1000

800

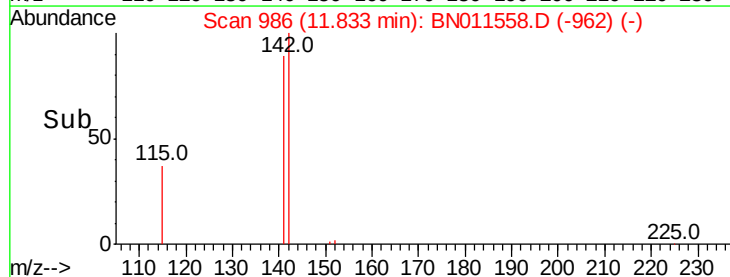
600

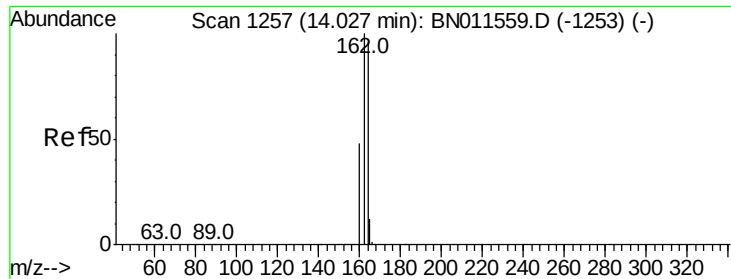
400

200

0

Time--> 11.70 11.80 11.90 12.00





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.03 min Scan# 1257

Delta R.T. 0.00 min

Lab File: BN011558.D

Acq: 21 Aug 2020 17:00

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

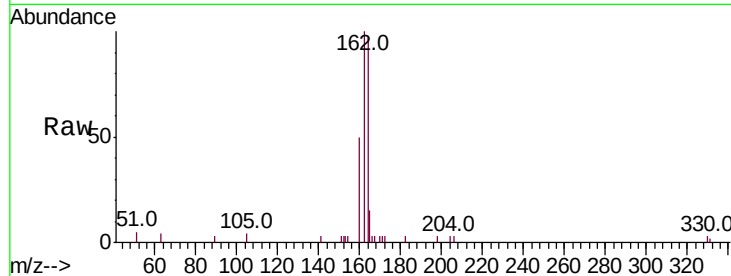
Tot Ion:164 Resp: 3260

Ion Ratio Lower Upper

164 100

162 103.0 83.7 125.5

160 51.4 41.1 61.7

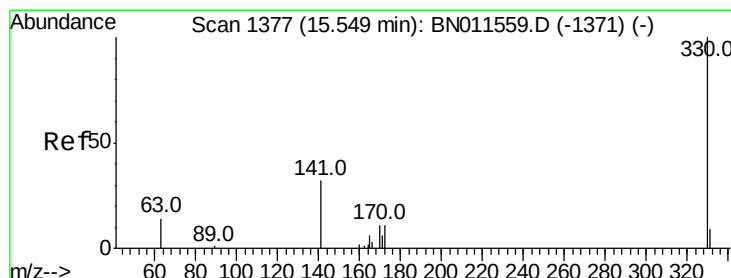
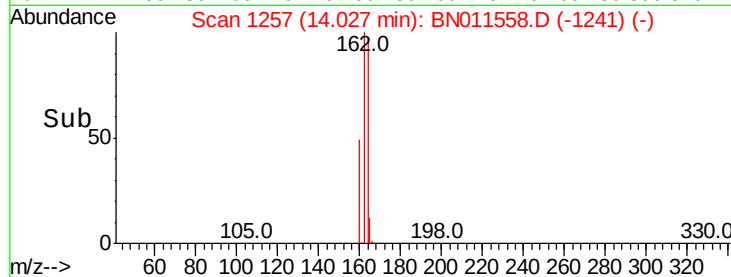
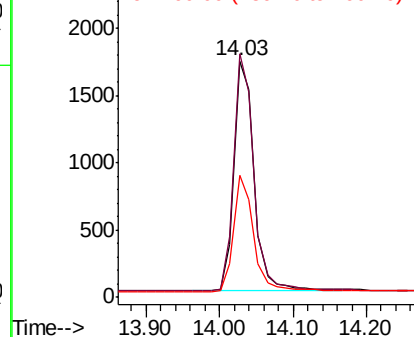


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.213 ng

RT: 15.56 min Scan# 1378

Delta R.T. 0.01 min

Lab File: BN011558.D

Acq: 21 Aug 2020 17:00

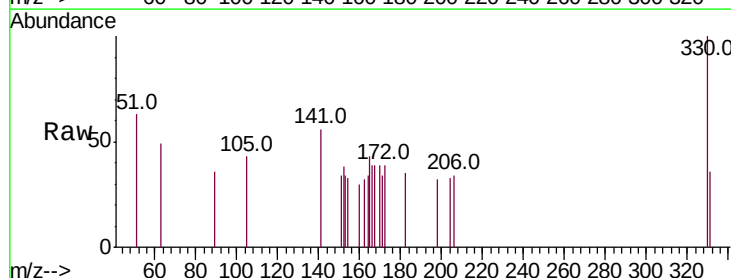
Tgt Ion:330 Resp: 312

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 40.1 34.6 52.0

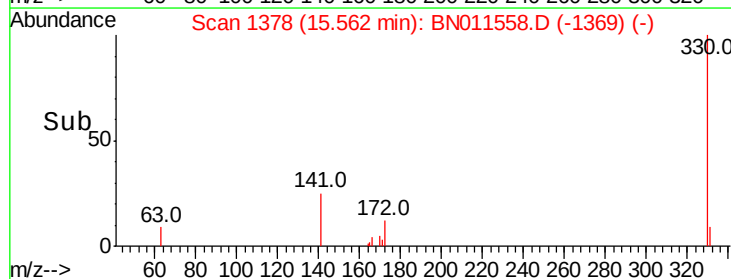
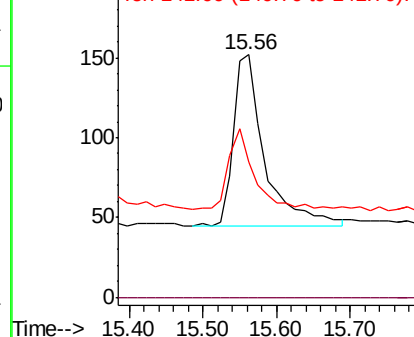


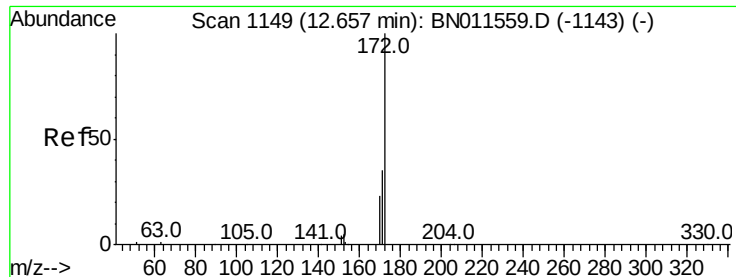
Abundance

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

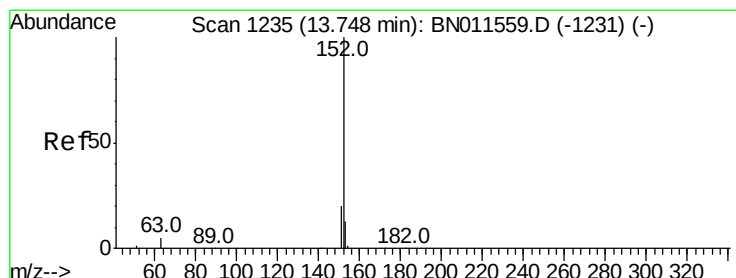
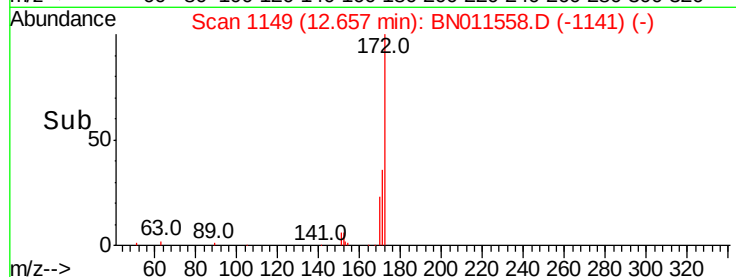
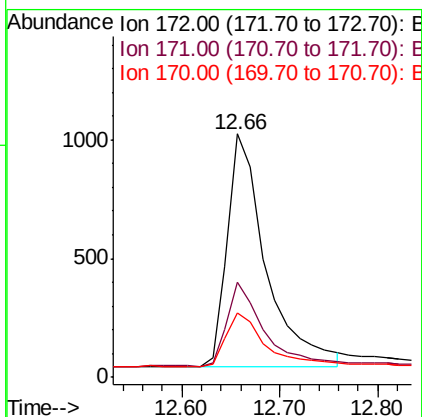
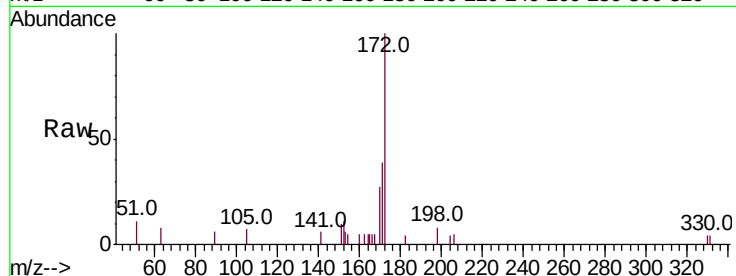




#15
2-Fluorobiphenyl
Concen: 0.187 ng
RT: 12.66 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BN011558.D
Acq: 21 Aug 2020 17:00

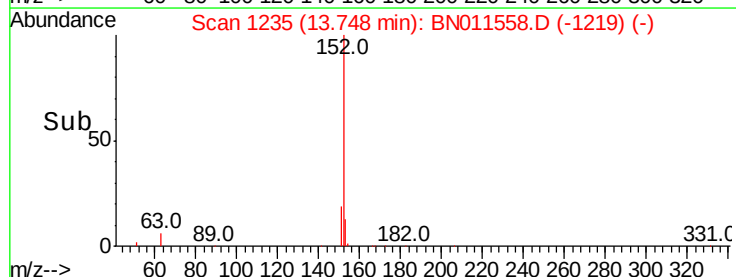
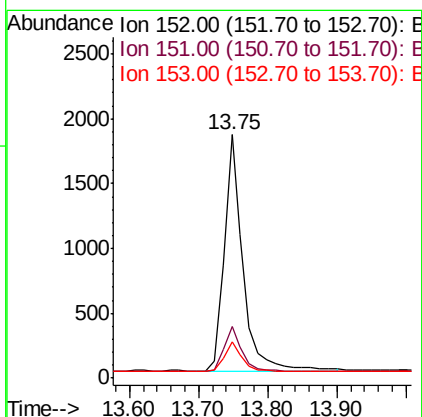
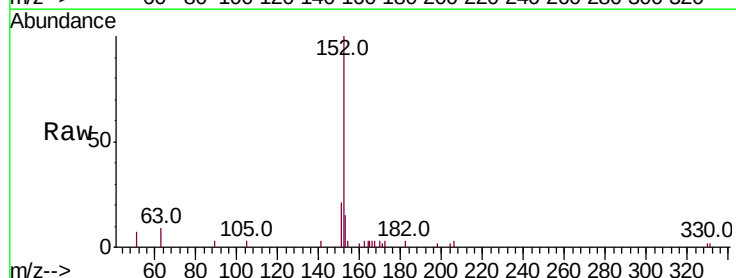
Instrument :
BNA_N
ClientSampleId :
SSTDIC0.2

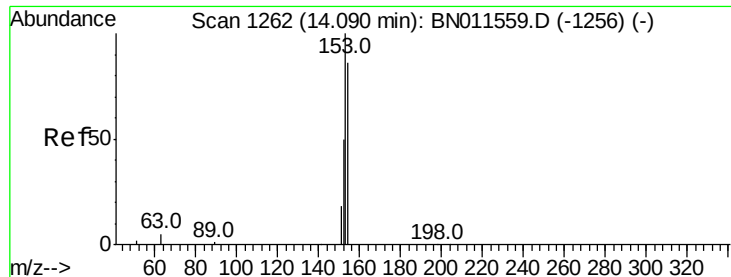
Tot Ion:172 Resp: 2686
Ion Ratio Lower Upper
172 100
171 38.8 29.4 44.0
170 26.6 20.1 30.1



#16
Acenaphthylene
Concen: 0.214 ng
RT: 13.75 min Scan# 1235
Delta R.T. -0.00 min
Lab File: BN011558.D
Acq: 21 Aug 2020 17:00

Tgt Ion:152 Resp: 3494
Ion Ratio Lower Upper
152 100
151 19.5 15.8 23.8
153 12.8 10.6 16.0





#17

Acenaphthene

Concen: 0.225 ng

RT: 14.09 min Scan# 1262

Delta R.T. 0.00 min

Lab File: BN011558.D

Acq: 21 Aug 2020 17:00

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

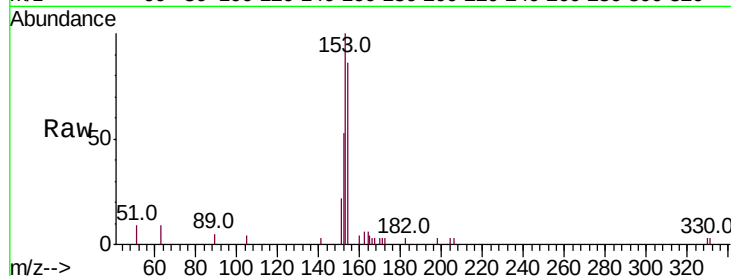
Tot Ion:154 Resp: 2382

Ion Ratio Lower Upper

154 100

153 114.5 91.8 137.8

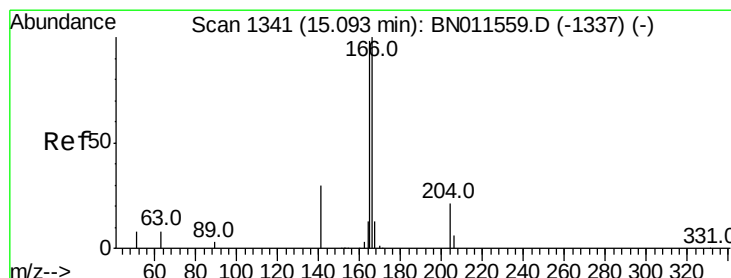
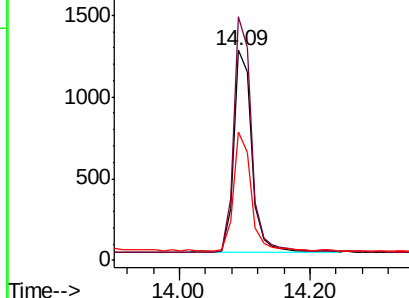
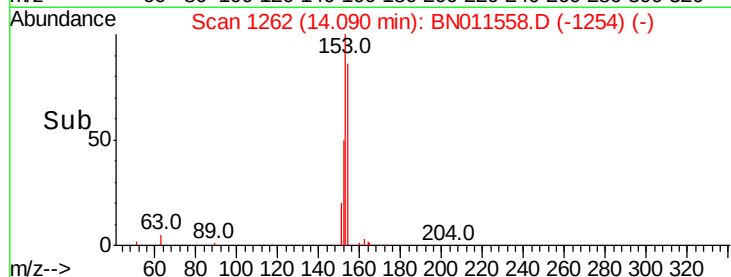
152 57.4 46.3 69.5



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: 0.232 ng

RT: 15.09 min Scan# 1341

Delta R.T. -0.00 min

Lab File: BN011558.D

Acq: 21 Aug 2020 17:00

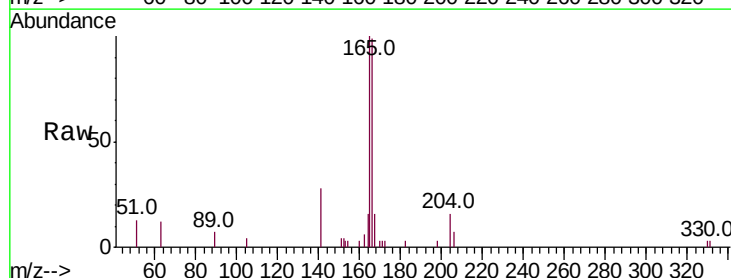
Tgt Ion:166 Resp: 3154

Ion Ratio Lower Upper

166 100

165 97.6 78.2 117.2

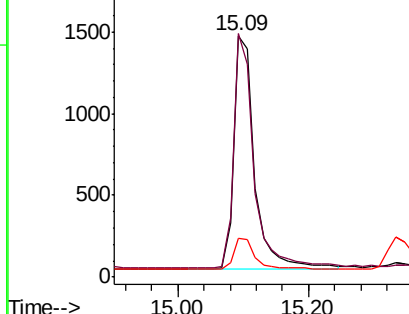
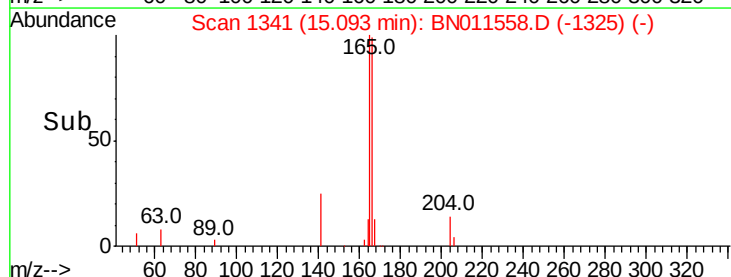
167 13.4 10.7 16.1

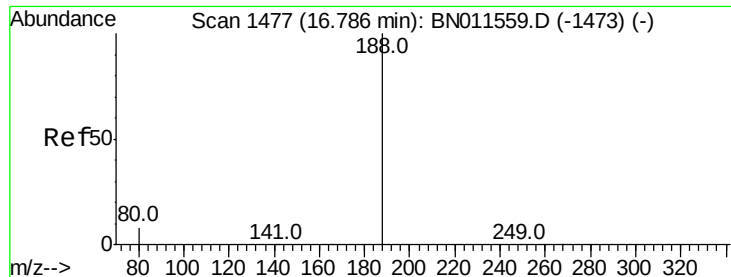


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.80 min Scan# 1478

Delta R.T. 0.01 min

Lab File: BN011558.D

Acq: 21 Aug 2020 17:00

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

Tot Ion:188 Resp: 7594

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

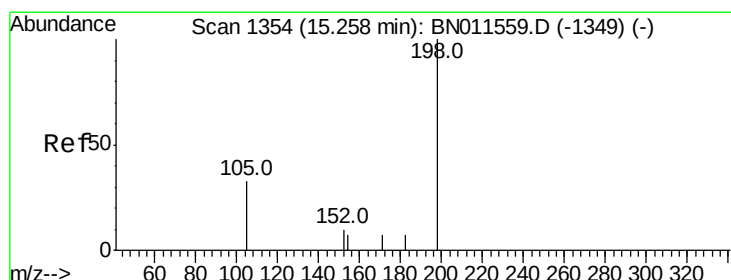
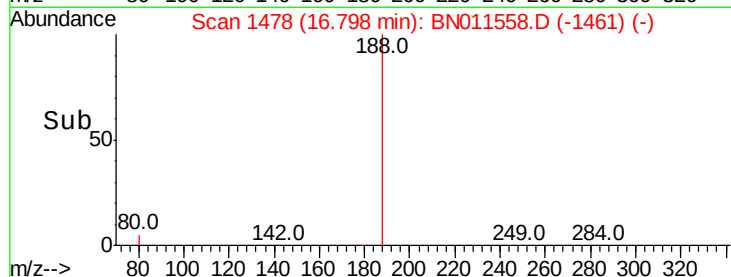
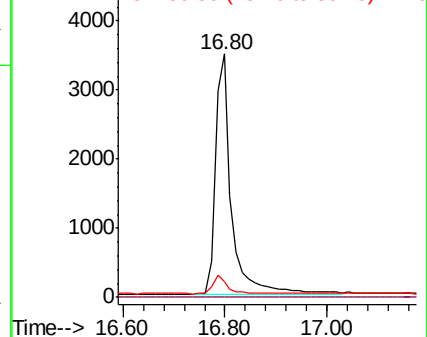
80 6.7 7.6 11.4#



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: 0.165 ng

RT: 15.27 min Scan# 1355

Delta R.T. 0.01 min

Lab File: BN011558.D

Acq: 21 Aug 2020 17:00

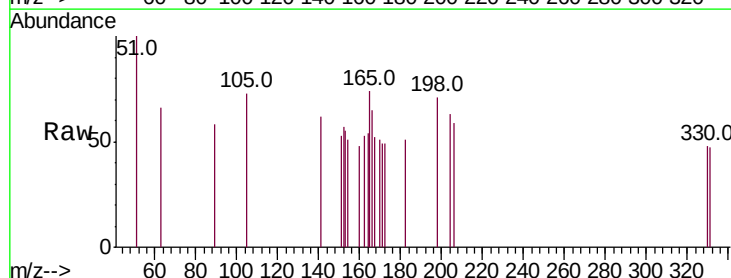
Tgt Ion:198 Resp: 153

Ion Ratio Lower Upper

198 100

51 141.8 89.4 134.2#

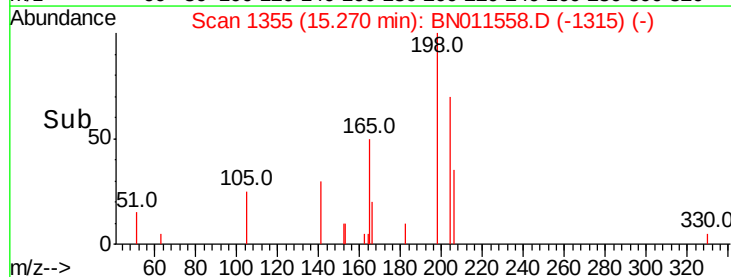
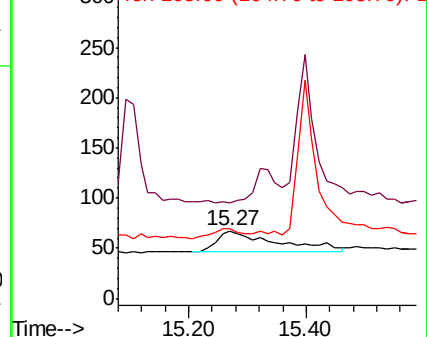
105 103.0 70.6 105.8

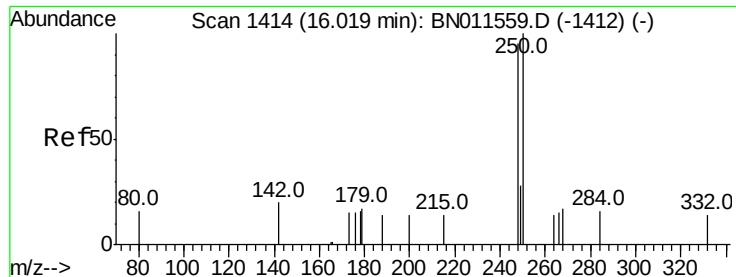


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E

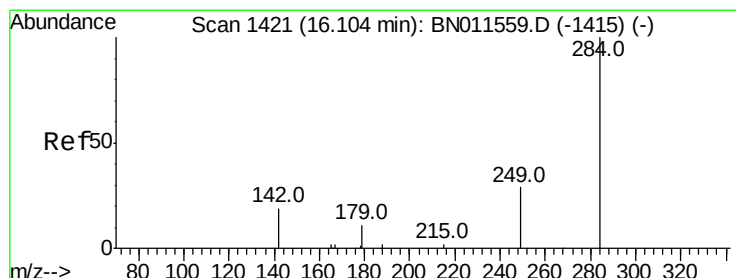
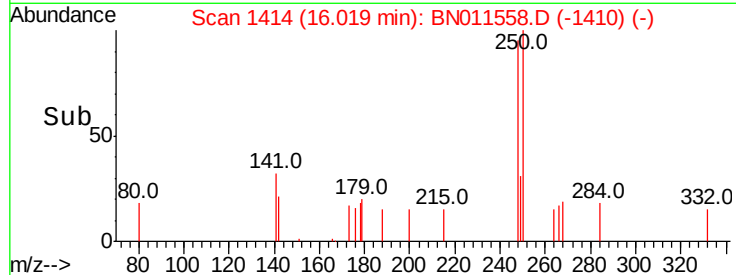
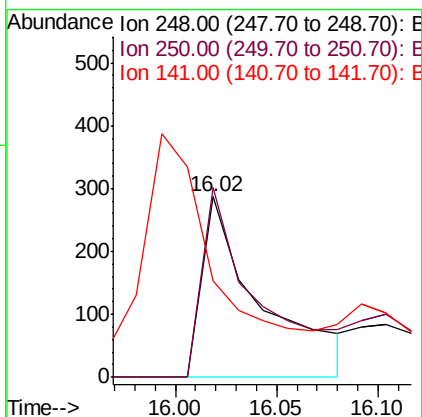
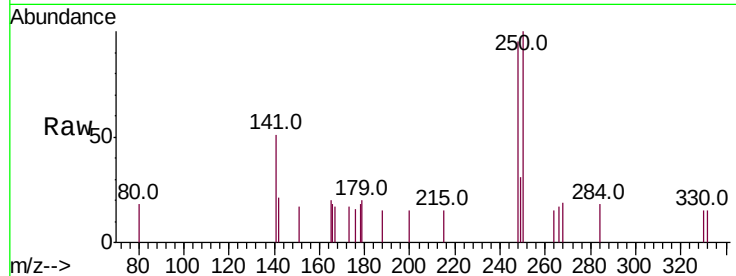




#21
4-Bromophenyl-phenylether
Concen: 0.092 ng
RT: 16.02 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BN011558.D
Acq: 21 Aug 2020 17:00

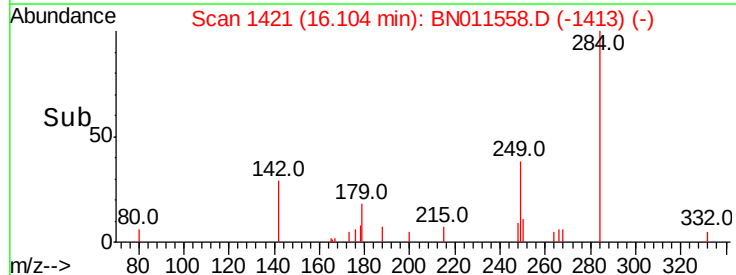
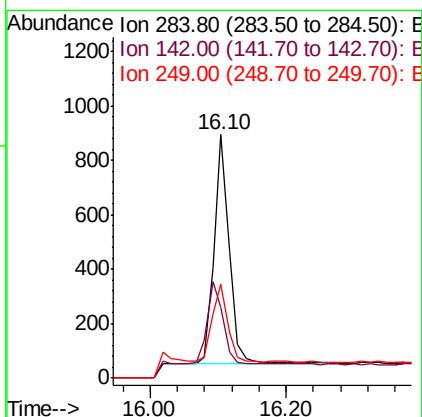
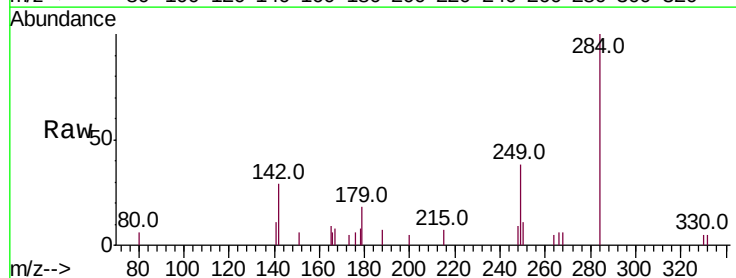
Instrument :
BNA_N
ClientSampleId :
SSTDIC0.2

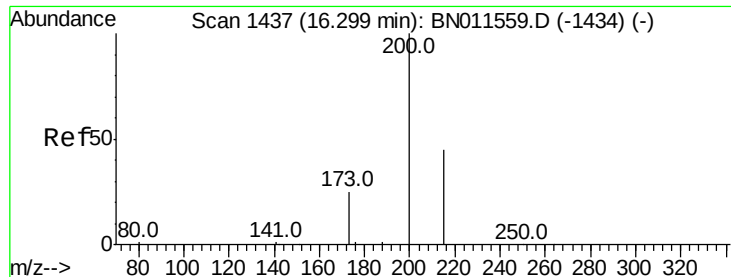
Tot Ion:248 Resp: 577
Ion Ratio Lower Upper
248 100
250 105.2 83.8 125.8
141 53.3 41.0 61.6



#22
Hexachlorobenzene
Concen: 0.225 ng
RT: 16.10 min Scan# 1421
Delta R.T. -0.00 min
Lab File: BN011558.D
Acq: 21 Aug 2020 17:00

Tgt Ion:284 Resp: 1276
Ion Ratio Lower Upper
284 100
142 38.1 29.7 44.5
249 35.3 26.8 40.2





#23

Atrazine

Concen: 0.228 ng

RT: 16.30 min Scan# 1437

Delta R.T. -0.00 min

Lab File: BN011558.D

Acq: 21 Aug 2020 17:00

Instrument :

BNA_N

ClientSampled :

SSTDIC0.2

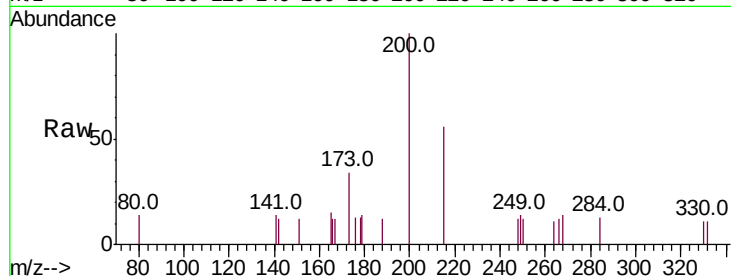
Tot Ion:200 Resp: 844

Ion Ratio Lower Upper

200 100

173 33.6 27.7 41.5

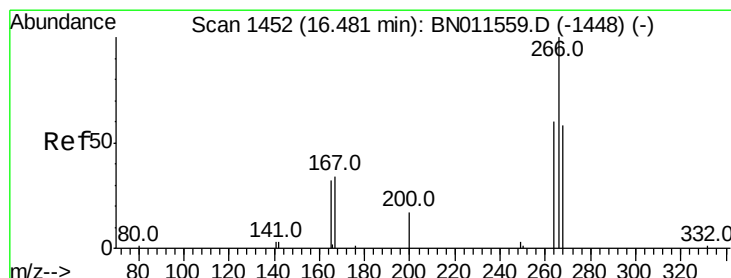
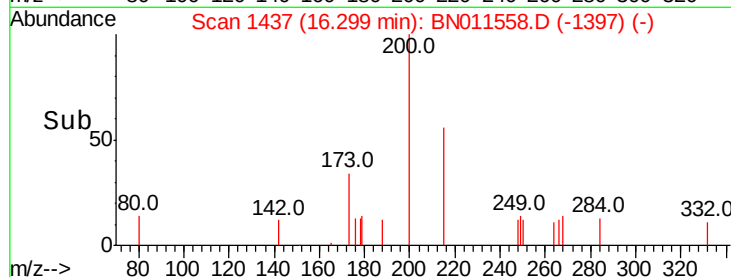
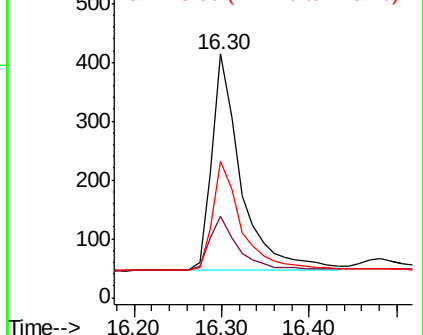
215 56.0 41.5 62.3



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: 0.196 ng

RT: 16.48 min Scan# 1452

Delta R.T. -0.00 min

Lab File: BN011558.D

Acq: 21 Aug 2020 17:00

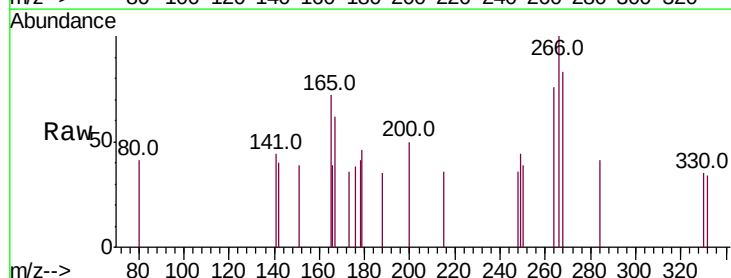
Tgt Ion:266 Resp: 340

Ion Ratio Lower Upper

266 100

264 64.7 48.7 73.1

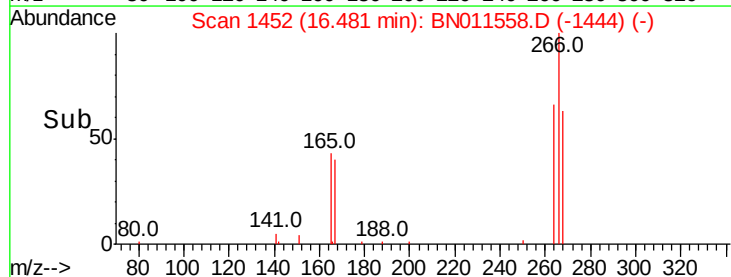
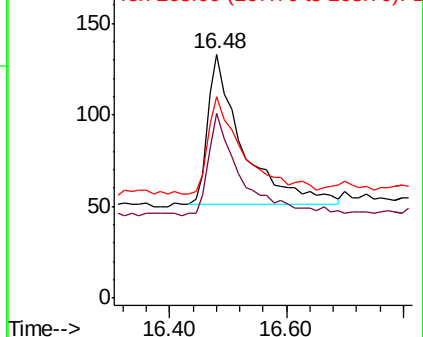
268 65.6 51.0 76.6

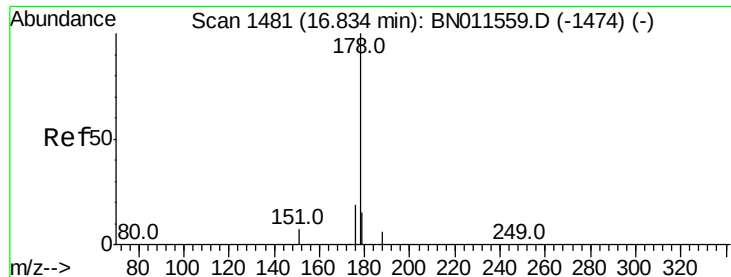


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Phenanthrene

Concen: 0.209 ng

RT: 16.83 min Scan# 1481

Delta R.T. 0.00 min

Lab File: BN011558.D

Acq: 21 Aug 2020 17:00

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

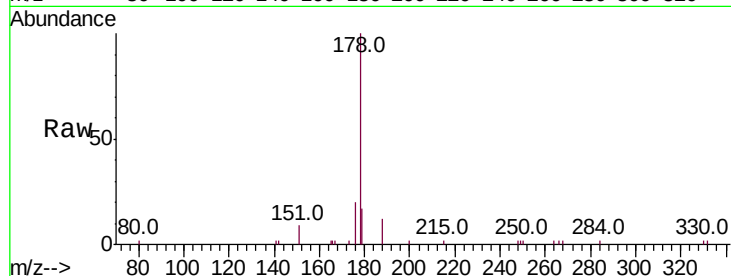
Tot Ion:178 Resp: 5059

Ion Ratio Lower Upper

178 100

176 19.1 15.0 22.4

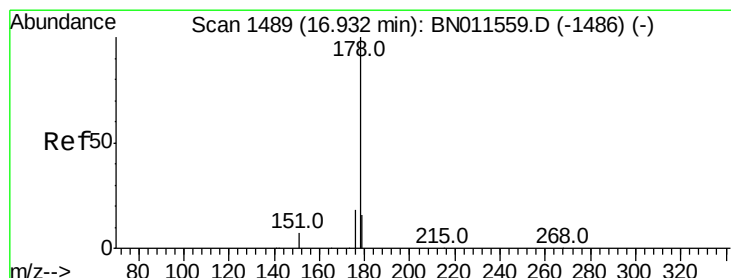
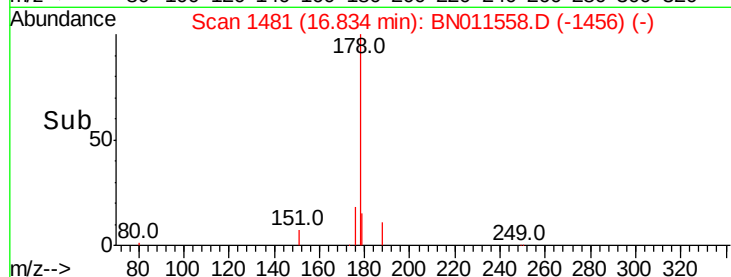
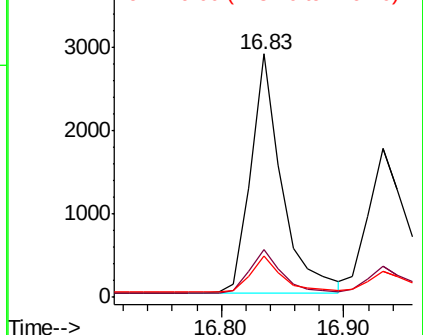
179 15.8 12.3 18.5



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: 0.195 ng

RT: 16.93 min Scan# 1489

Delta R.T. 0.00 min

Lab File: BN011558.D

Acq: 21 Aug 2020 17:00

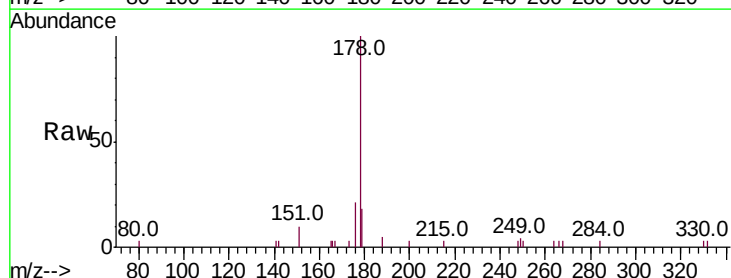
Tgt Ion:178 Resp: 4019

Ion Ratio Lower Upper

178 100

176 17.9 14.4 21.6

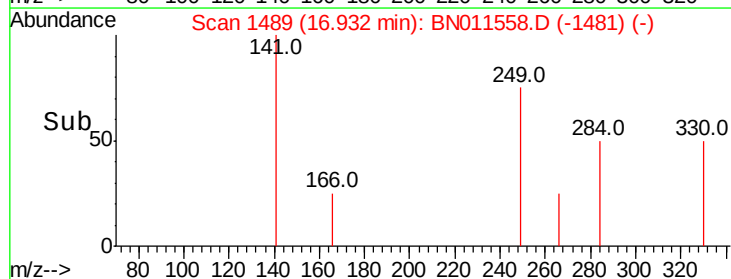
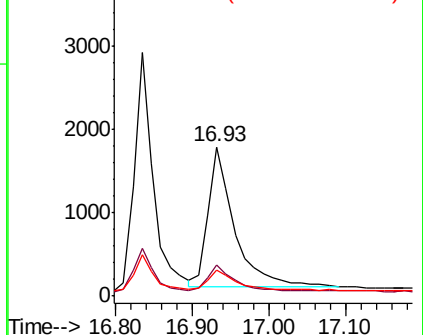
179 15.4 12.9 19.3

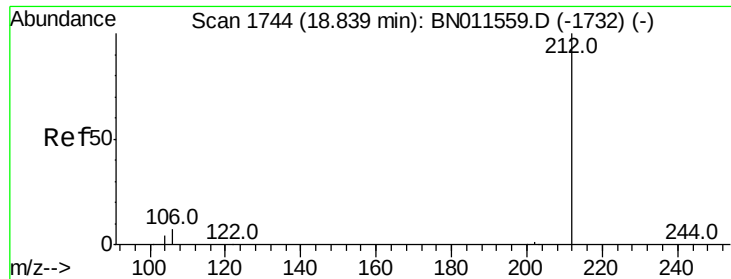


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

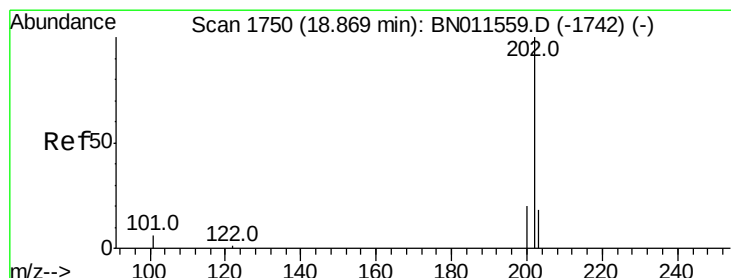
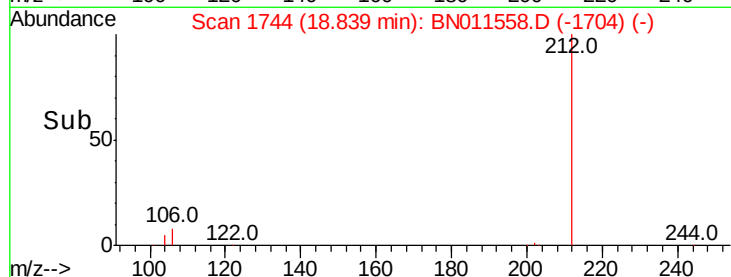
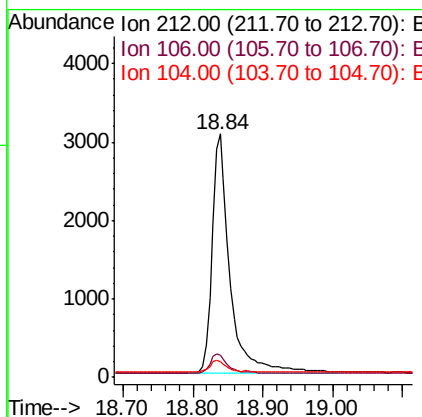
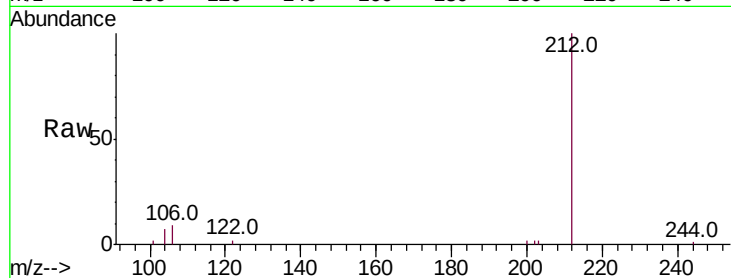




#27
 Fluoranthene-d10
 Concen: 0.237 ng
 RT: 18.84 min Scan# 1744
 Delta R.T. 0.00 min
 Lab File: BN011558.D
 Acq: 21 Aug 2020 17:00

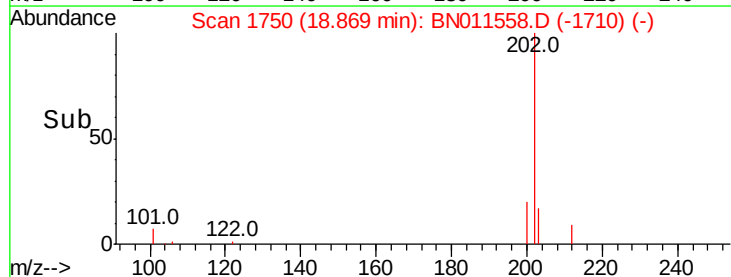
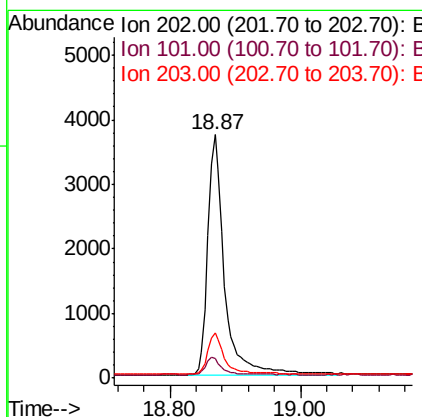
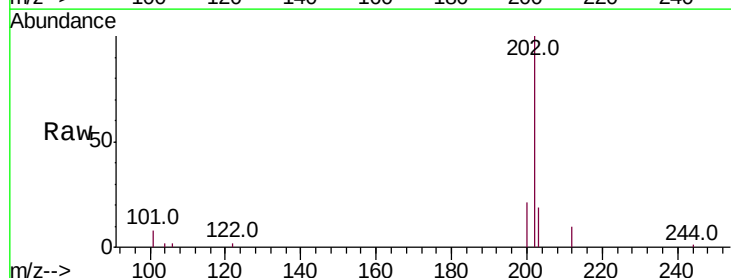
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.2

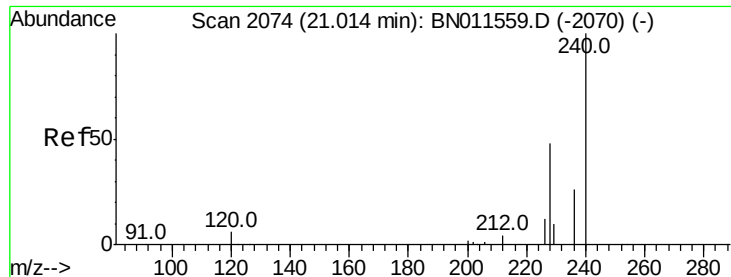
Tot Ion:212 Resp: 5495
 Ion Ratio Lower Upper
 212 100
 106 8.0 6.2 9.2
 104 5.0 3.8 5.6



#28
 Fluoranthene
 Concen: 0.229 ng
 RT: 18.87 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: BN011558.D
 Acq: 21 Aug 2020 17:00

Tgt Ion:202 Resp: 6553
 Ion Ratio Lower Upper
 202 100
 101 6.9 5.2 7.8
 203 16.6 13.6 20.4





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.01 min Scan# 2074

Delta R.T. 0.00 min

Lab File: BN011558.D

Acq: 21 Aug 2020 17:00

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

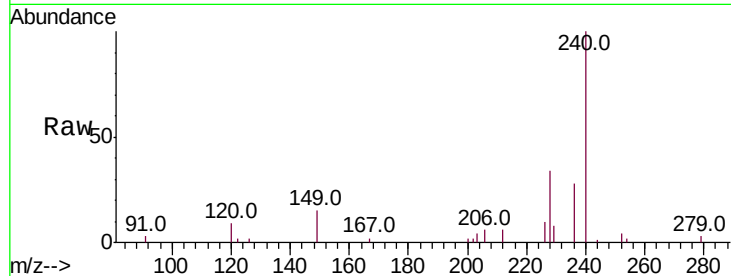
Tot Ion:240 Resp: 7495

Ion Ratio Lower Upper

240 100

120 8.6 7.4 11.0

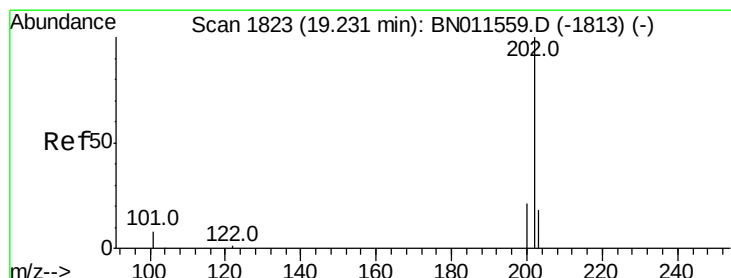
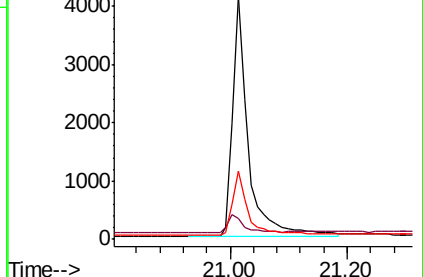
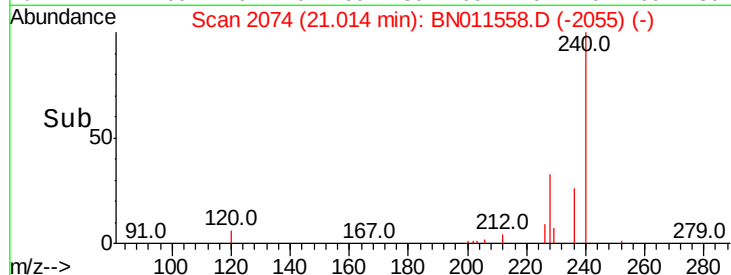
236 28.0 22.3 33.5



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: 0.270 ng

RT: 19.24 min Scan# 1824

Delta R.T. 0.00 min

Lab File: BN011558.D

Acq: 21 Aug 2020 17:00

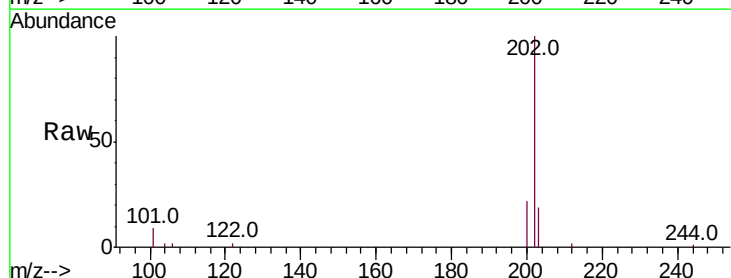
Tgt Ion:202 Resp: 6669

Ion Ratio Lower Upper

202 100

200 20.3 16.6 25.0

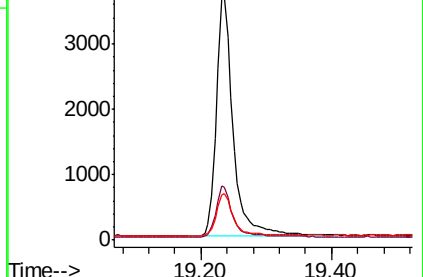
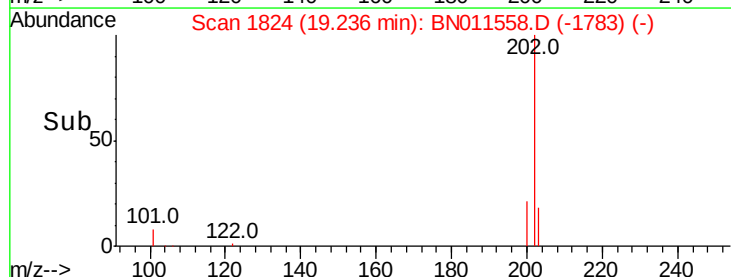
203 17.9 14.2 21.2

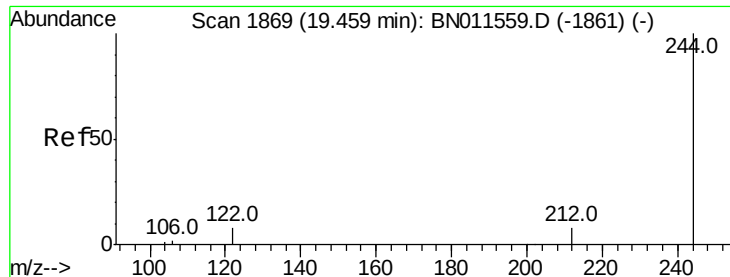


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#31

Terphenyl-d14

Concen: 0.258 ng

RT: 19.46 min Scan# 1869

Delta R.T. 0.00 min

Lab File: BN011558.D

Acq: 21 Aug 2020 17:00

Instrument :

BNA_N

ClientSampled :

SSTDIC0.2

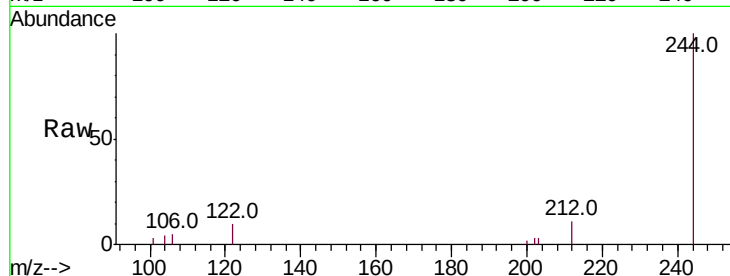
Tot Ion:244 Resp: 4273

Ion Ratio Lower Upper

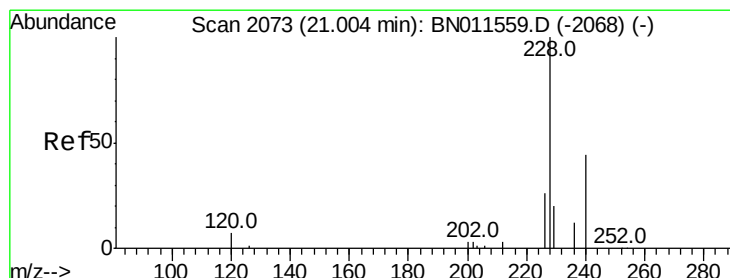
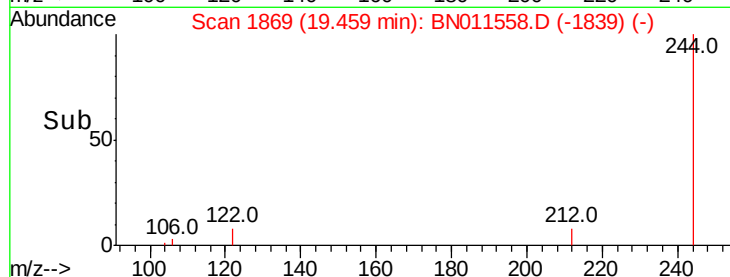
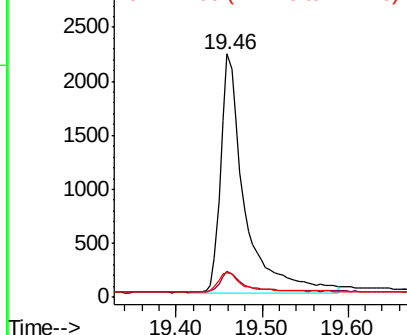
244 100

212 10.5 8.2 12.4

122 10.1 8.0 12.0



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: 0.219 ng

RT: 21.00 min Scan# 2073

Delta R.T. 0.00 min

Lab File: BN011558.D

Acq: 21 Aug 2020 17:00

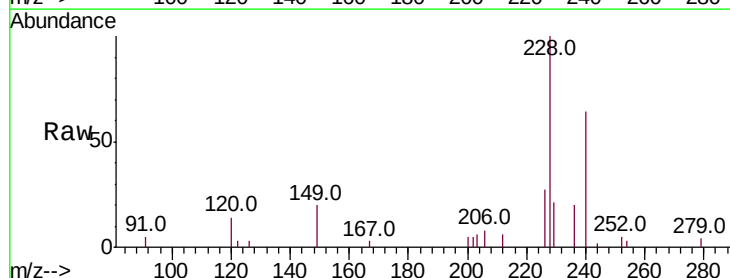
Tgt Ion:228 Resp: 5005

Ion Ratio Lower Upper

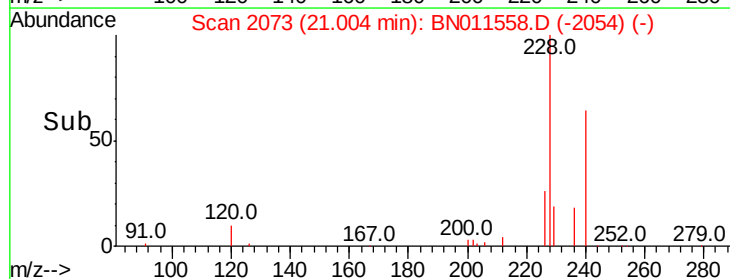
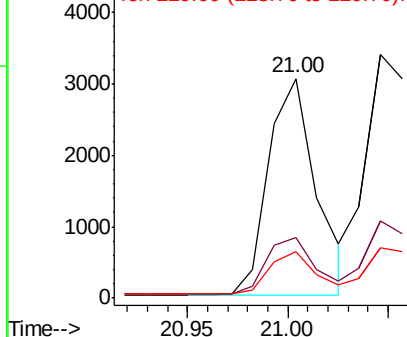
228 100

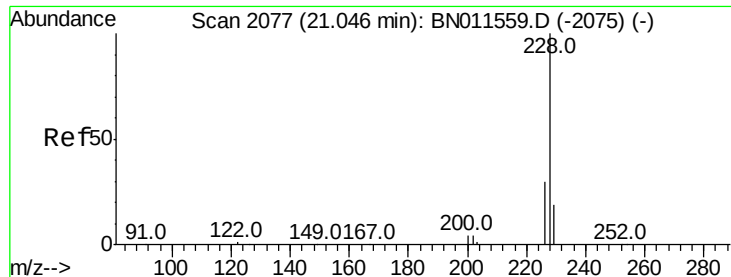
226 27.4 22.2 33.2

229 20.9 16.9 25.3



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: 0.251 ng

RT: 21.05 min Scan# 2077

Delta R.T. 0.00 min

Lab File: BN011558.D

Acq: 21 Aug 2020 17:00

Instrument :

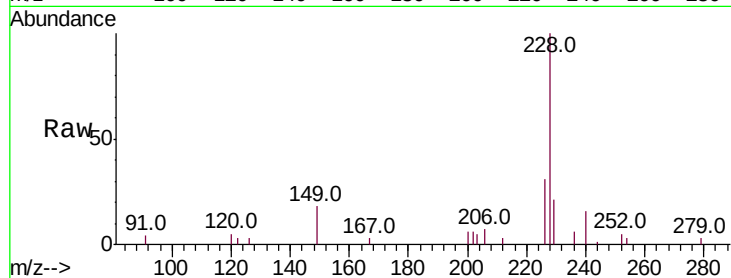
BNA_N

ClientSampleId :

SSTDIC0.2

Tot Ion:228 Resp: 6550

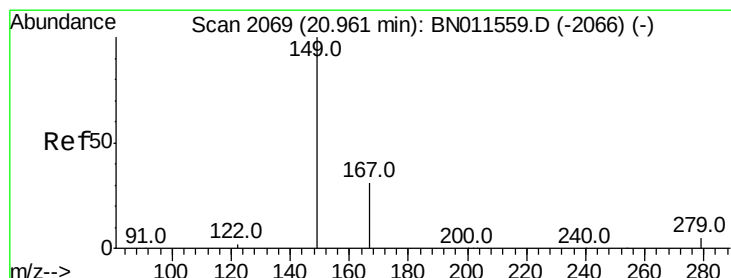
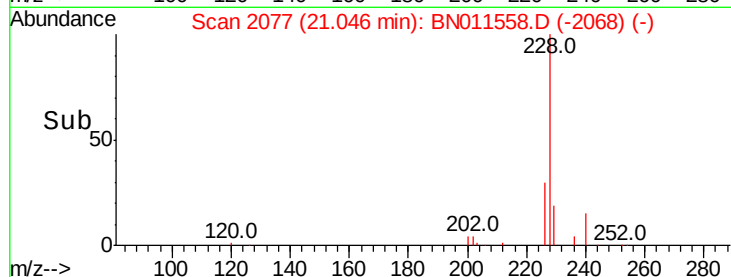
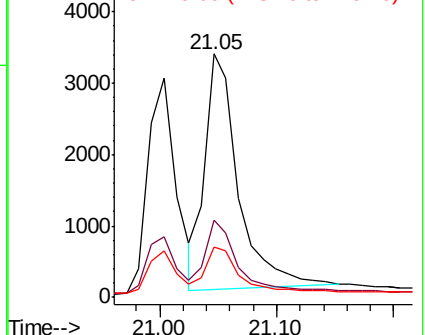
Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.5	36.7
229	20.7	16.2	24.2



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: 0.318 ng

RT: 20.96 min Scan# 2069

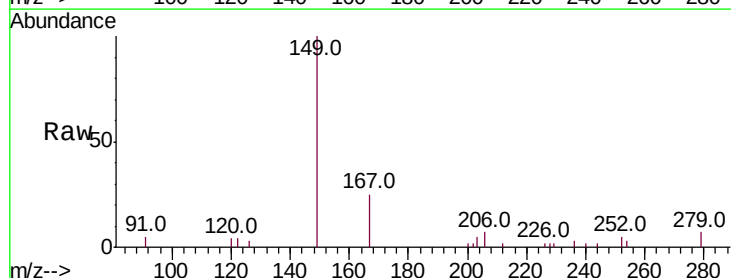
Delta R.T. 0.00 min

Lab File: BN011558.D

Acq: 21 Aug 2020 17:00

Tgt Ion:149 Resp: 2592

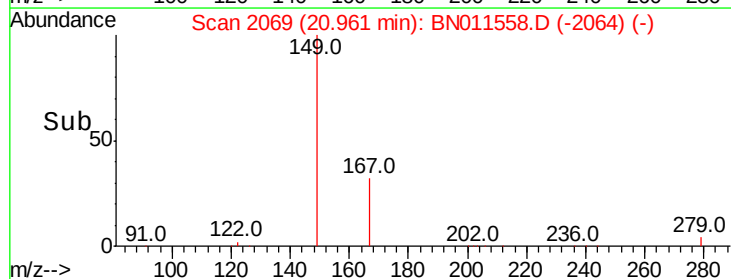
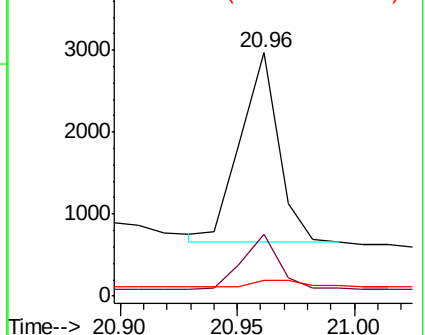
Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.8	34.2
279	4.5	4.2	6.2

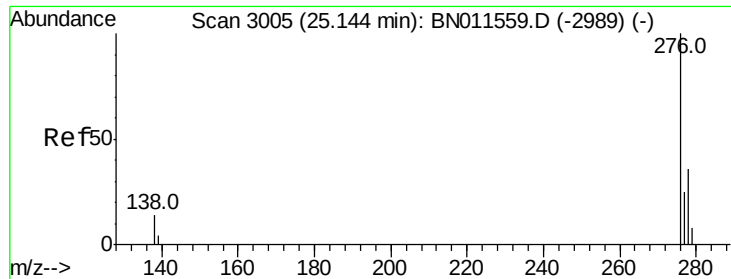


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

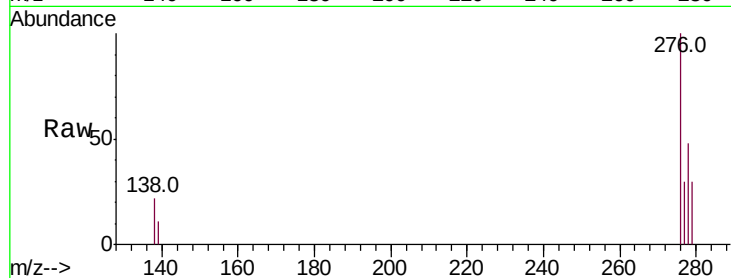




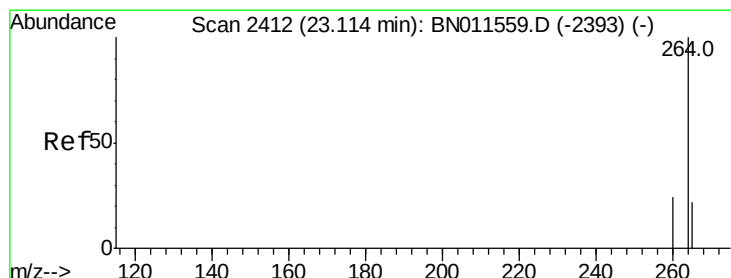
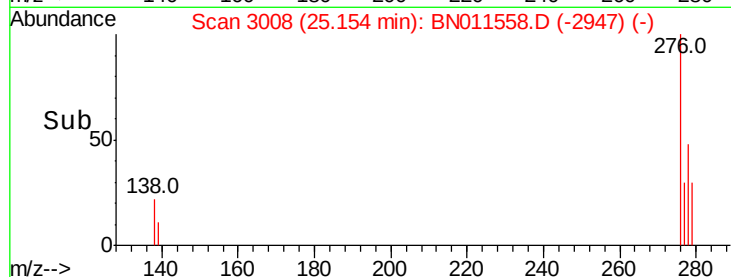
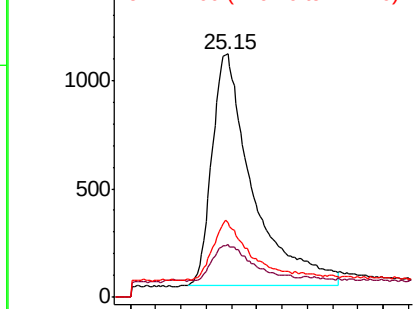
#35
 Indeno(1,2,3-cd)pyrene
 Concen: 0.150 ng
 RT: 25.15 min Scan# 3008
 Delta R.T. 0.01 min
 Lab File: BN011558.D
 Acq: 21 Aug 2020 17:00

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.2

Tot Ion:276 Resp: 4782
 Ion Ratio Lower Upper
 276 100
 138 13.0 11.6 17.4
 277 20.2 18.2 27.4

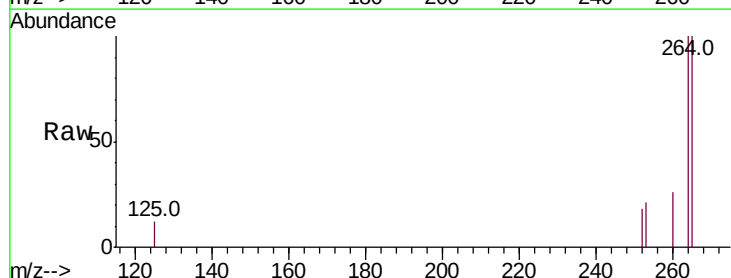


Abundance Ion 276.00 (275.70 to 276.70): E
 1500 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

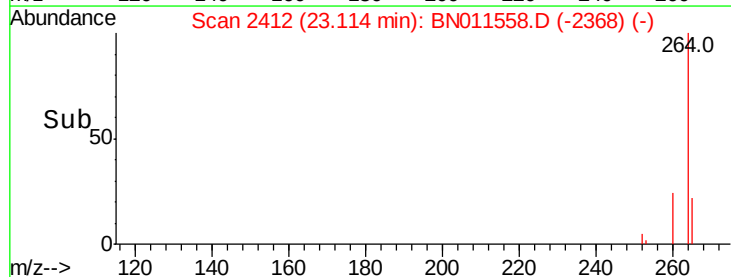
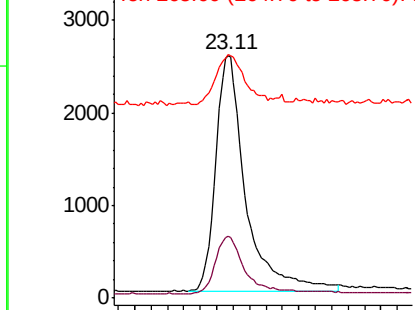


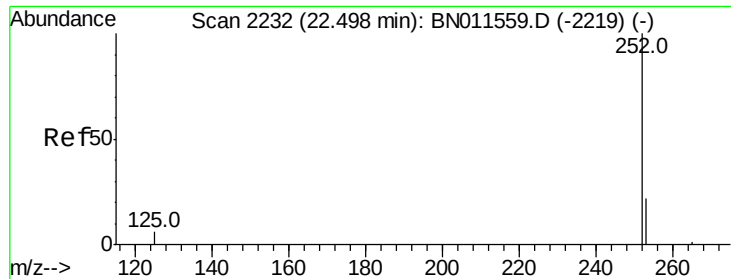
#36
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.11 min Scan# 2412
 Delta R.T. 0.00 min
 Lab File: BN011558.D
 Acq: 21 Aug 2020 17:00

Tgt Ion:264 Resp: 6430
 Ion Ratio Lower Upper
 264 100
 260 25.7 20.3 30.5
 265 100.2 96.1 144.1



Abundance Ion 264.00 (263.70 to 264.70): E
 3000 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

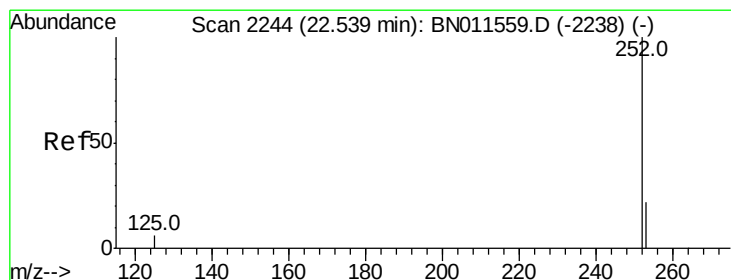
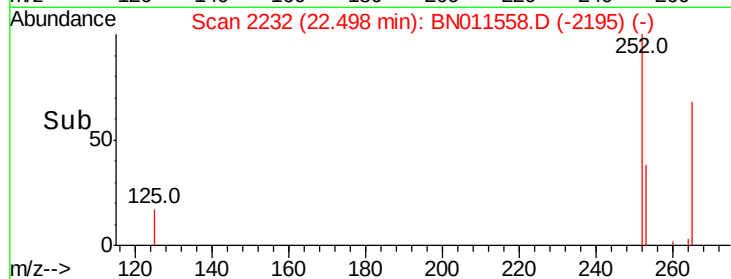
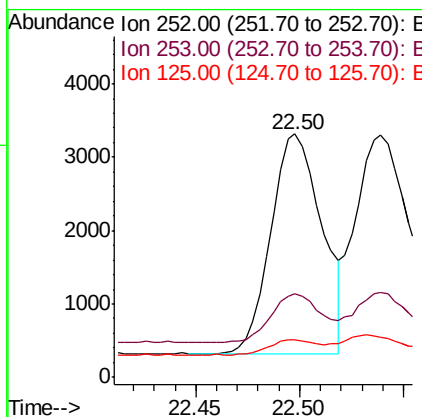
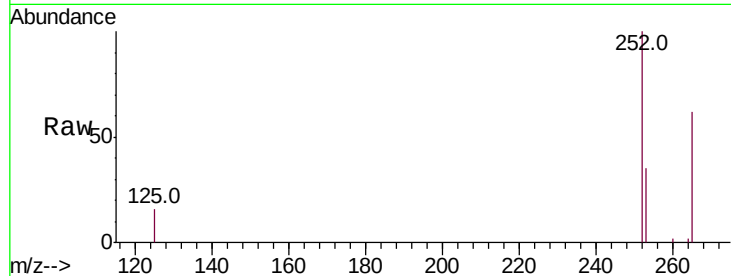




#37
Benzo(b)fluoranthene
Concen: 0.201 ng
RT: 22.50 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BN011558.D
Acq: 21 Aug 2020 17:00

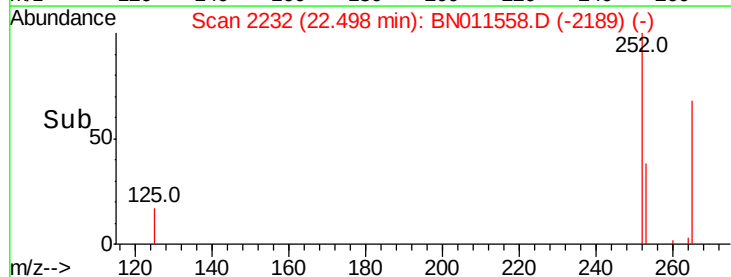
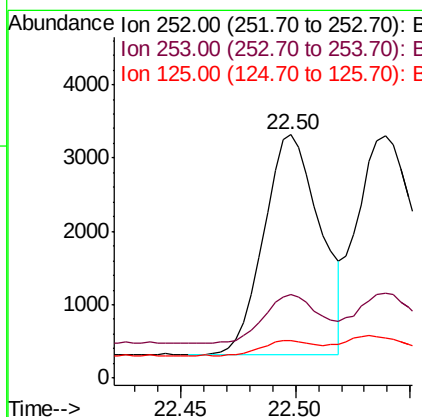
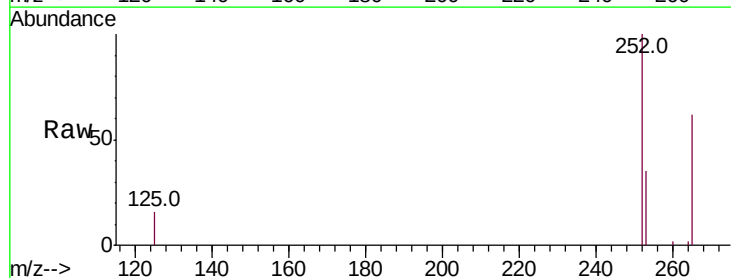
Instrument :
BNA_N
ClientSampleId :
SSTDIC0.2

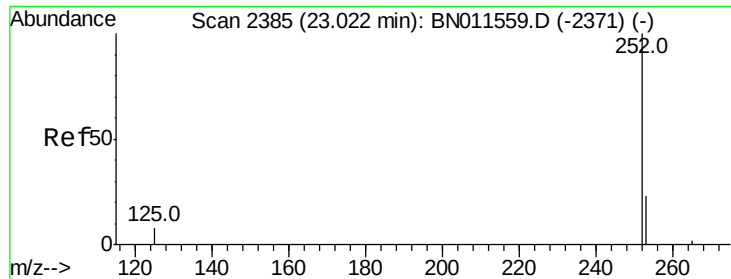
Tot Ion:252 Resp: 5157
Ion Ratio Lower Upper
252 100
253 34.5 25.5 38.3
125 15.6 10.2 15.4#



#38
Benzo(k)fluoranthene
Concen: 0.193 ng
RT: 22.50 min Scan# 2232
Delta R.T. -0.04 min
Lab File: BN011558.D
Acq: 21 Aug 2020 17:00

Tgt Ion:252 Resp: 5123
Ion Ratio Lower Upper
252 100
253 34.5 25.8 38.6
125 15.6 10.8 16.2





#39

Benzo(a)pyrene

Concen: 0.211 ng

RT: 23.03 min Scan# 2386

Delta R.T. 0.00 min

Lab File: BN011558.D

Acq: 21 Aug 2020 17:00

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

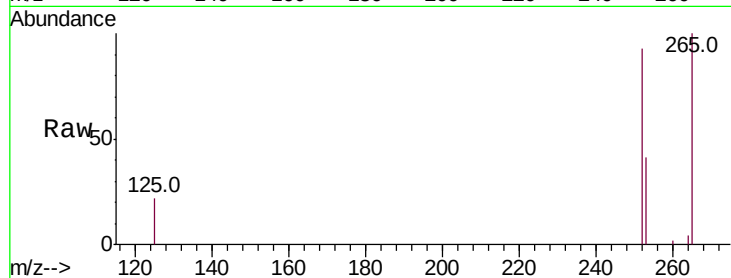
Tot Ion:252 Resp: 4720

Ion Ratio Lower Upper

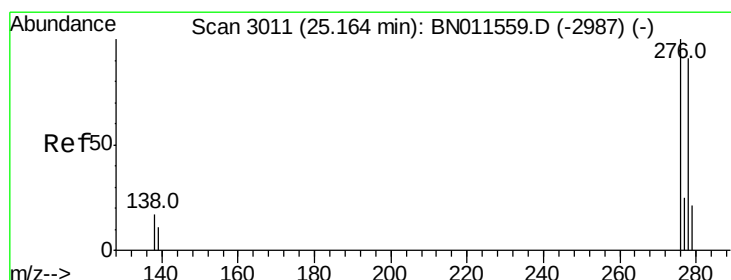
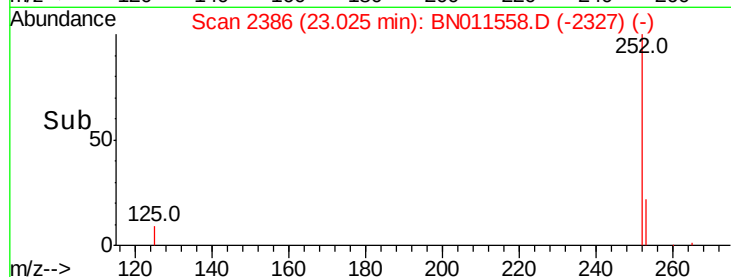
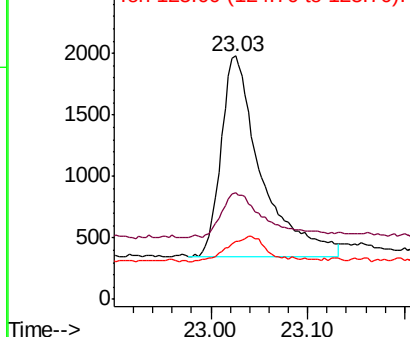
252 100

253 43.8 31.8 47.8

125 23.8 15.4 23.0#



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: 0.125 ng

RT: 25.18 min Scan# 3015

Delta R.T. 0.01 min

Lab File: BN011558.D

Acq: 21 Aug 2020 17:00

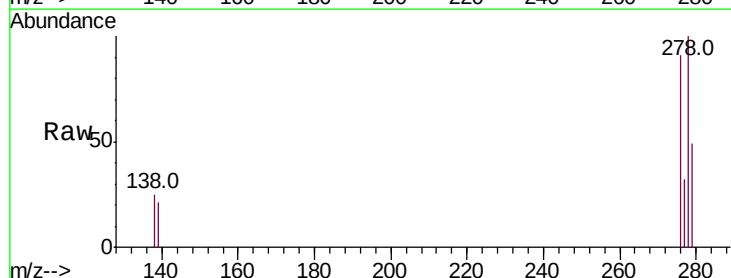
Tgt Ion:278 Resp: 3118

Ion Ratio Lower Upper

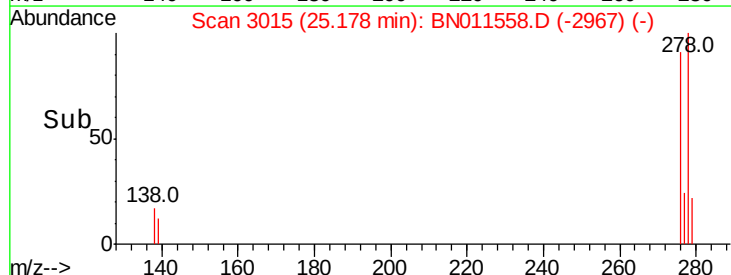
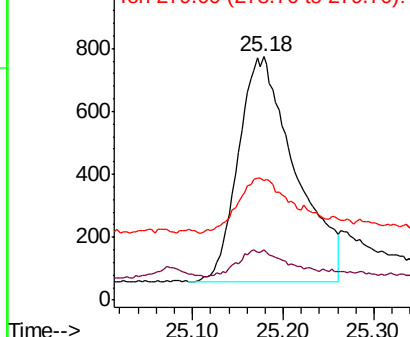
278 100

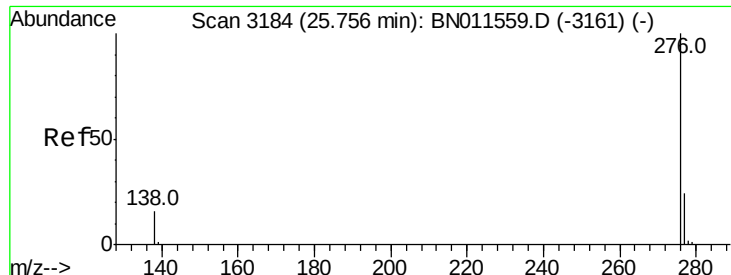
139 20.5 14.0 21.0

279 49.0 32.4 48.6#



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: 0.175 ng

RT: 25.76 min Scan# 3186

Delta R.T. 0.01 min

Lab File: BN011558.D

Acq: 21 Aug 2020 17:00

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

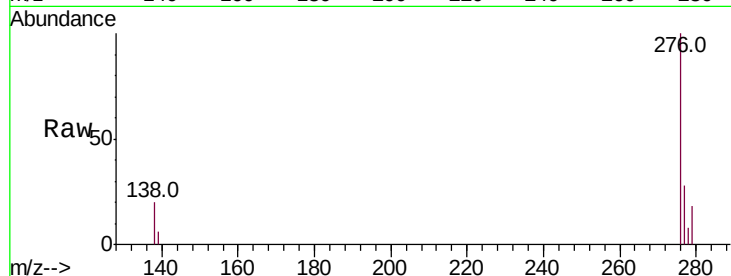
Tot Ion:276 Resp: 4553

Ion Ratio Lower Upper

276 100

277 28.1 22.1 33.1

138 19.8 15.4 23.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

