

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082120\
 Data File : BN011586.D
 Acq On : 22 Aug 2020 14:32
 Operator : CG/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDC00.4

Quant Time: Aug 24 01:24:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082120.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 22 04:52:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1732	0.40	ng	0.00
7) Naphthalene-d8	10.14	136	6225	0.40	ng	-0.01
13) Acenaphthene-d10	14.03	164	3794	0.40	ng	0.00
19) Phenanthrene-d10	16.79	188	8729	0.40	ng	0.00
29) Chrysene-d12	21.01	240	6718	0.40	ng	0.00
36) Perylene-d12	23.10	264	5743	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	1296	0.35	ng	0.00
5) Phenol-d6	6.61	99	1357	0.36	ng	-0.02
8) Nitrobenzene-d5	8.55	82	1452	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	11.74	152	3695	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.54	330	617	0.33	ng	-0.01
15) 2-Fluorobiphenyl	12.64	172	5939	0.38	ng	-0.01
27) Fluoranthene-d10	18.83	212	8694	0.30	ng	0.00
31) Terphenyl-d14	19.45	244	6631	0.38	ng	0.00

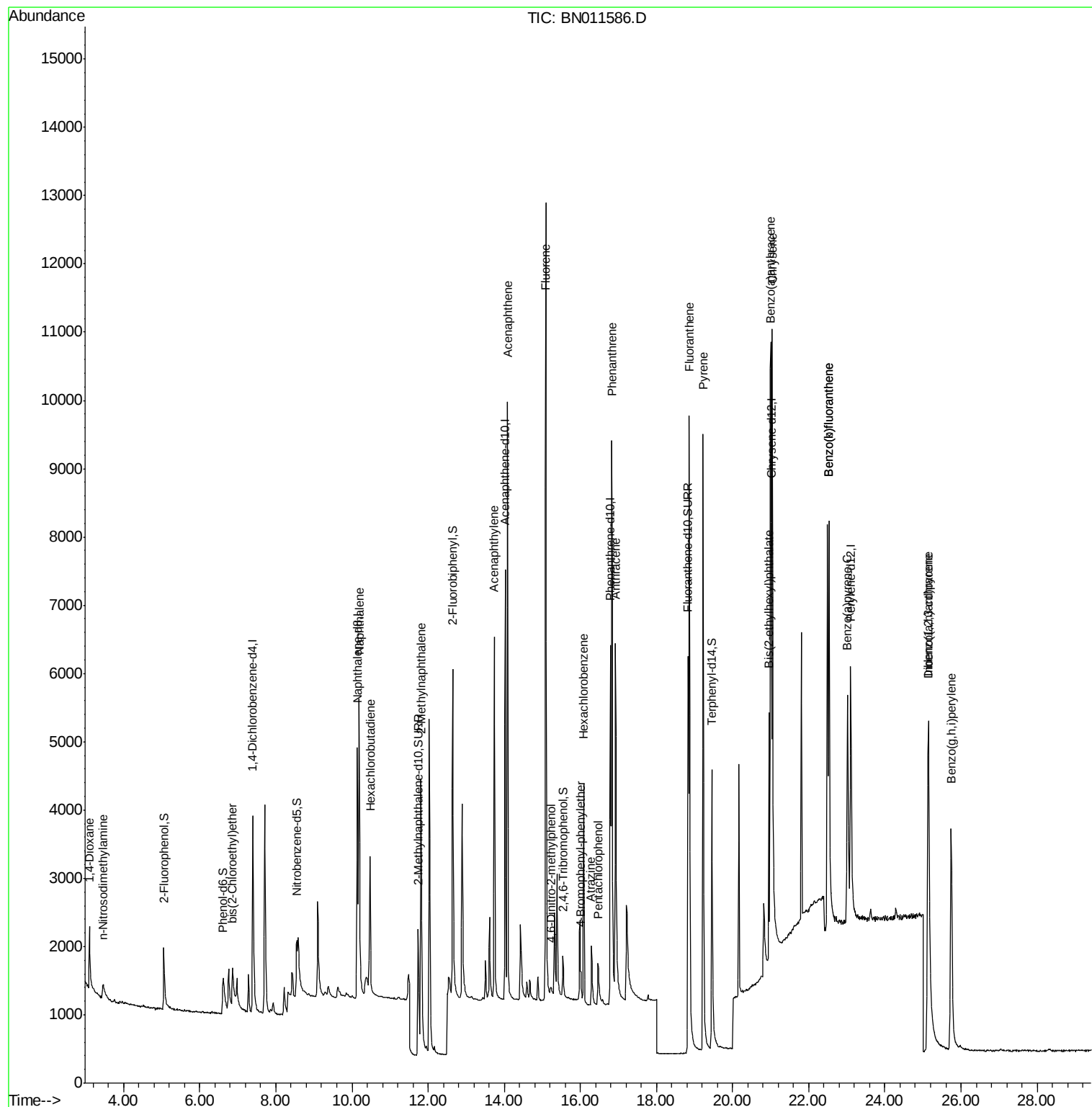
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.10	88	907	0.383	ng	# 100
3) n-Nitrosodimethylamine	3.47	42	324	0.332	ng	# 80
6) bis(2-Chloroethyl)ether	6.86	93	1327	0.364	ng	98
9) Naphthalene	10.19	128	6711	0.372	ng	97
10) Hexachlorobutadiene	10.48	225	1864	0.369	ng	# 99
12) 2-Methylnaphthalene	11.82	142	4276	0.344	ng	97
16) Acenaphthylene	13.74	152	6814	0.353	ng	100
17) Acenaphthene	14.09	154	4638	0.366	ng	100
18) Fluorene	15.09	166	6043	0.361	ng	100
20) 4,6-Dinitro-2-methylphenol	15.23	198	343	0.372	ng	# 78
21) 4-Bromophenyl-phenylether	16.02	248	467	0.245	ng	94
22) Hexachlorobenzene	16.09	284	2393	0.356	ng	97
23) Atrazine	16.29	200	1108	0.244	ng	97
24) Pentachlorophenol	16.46	266	589	0.281	ng	98
25) Phenanthrene	16.82	178	9769	0.356	ng	100
26) Anthracene	16.92	178	7736	0.338	ng	99
28) Fluoranthene	18.86	202	10562	0.299	ng	100
30) Pyrene	19.23	202	10387	0.389	ng	99
32) Benzo(a)anthracene	20.99	228	7752	0.351	ng	99
33) Chrysene	21.05	228	9036	0.360	ng	99
34) Bis(2-ethylhexyl)phthalate	20.95	149	3322	0.332	ng	99
35) Indeno(1,2,3-cd)pyrene	25.13	276	8386	0.368	ng	99
37) Benzo(b)fluoranthene	22.53	252	9374	0.442	ng	93
38) Benzo(k)fluoranthene	22.53	252	9374	0.371	ng	92
39) Benzo(a)pyrene	23.01	252	6899	0.351	ng	# 87
40) Dibenzo(a,h)anthracene	25.15	278	6672	0.406	ng	# 88
41) Benzo(g,h,i)perylene	25.74	276	7729	0.394	ng	96

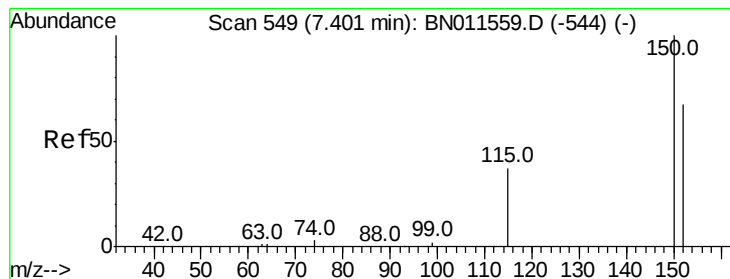
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.39 min Scan# 548

Delta R.T. -0.01 min

Lab File: BN011586.D

Acq: 22 Aug 2020 14:32

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

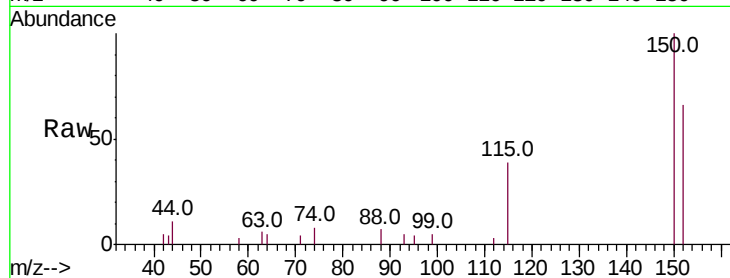
Tot Ion:152 Resp: 1732

Ion Ratio Lower Upper

152 100

150 152.2 117.1 175.7

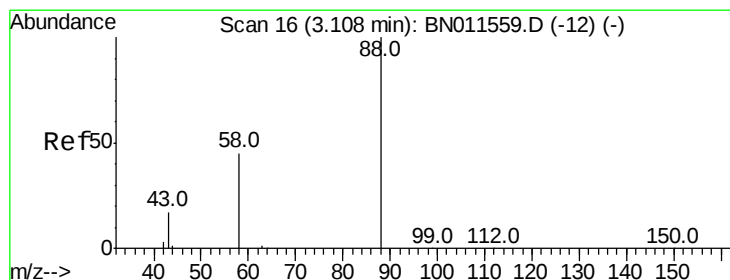
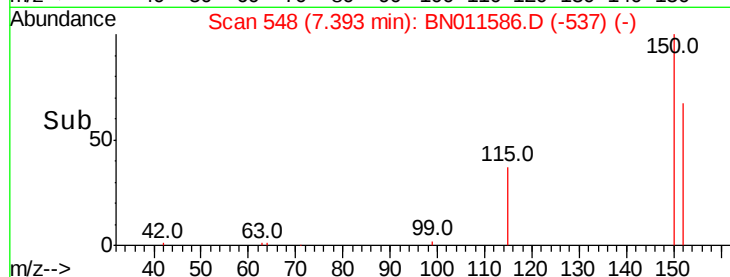
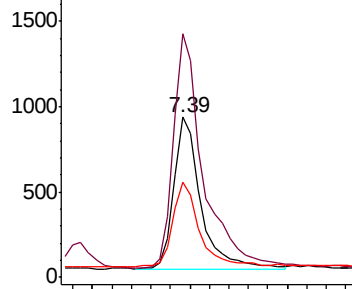
115 59.7 48.7 73.1



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: 0.383 ng

RT: 3.10 min Scan# 15

Delta R.T. -0.01 min

Lab File: BN011586.D

Acq: 22 Aug 2020 14:32

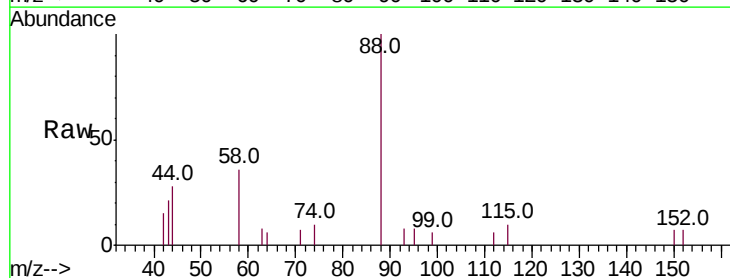
Tgt Ion: 88 Resp: 907

Ion Ratio Lower Upper

88 100

58 46.9 0.0 0.0#

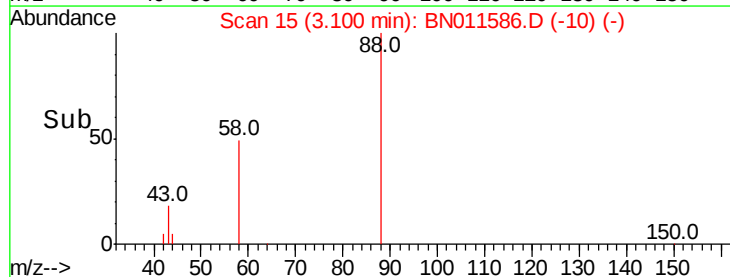
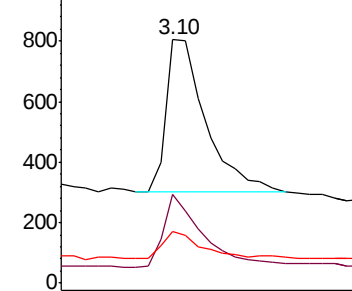
43 19.3 0.0 0.0#

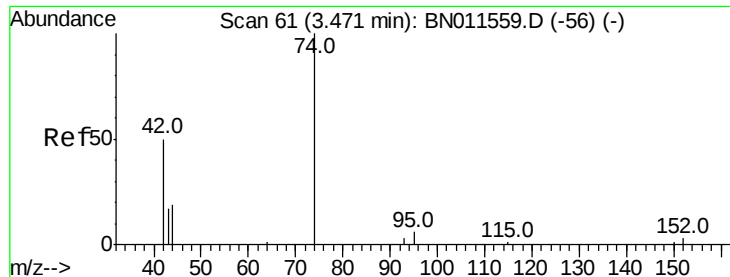


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC



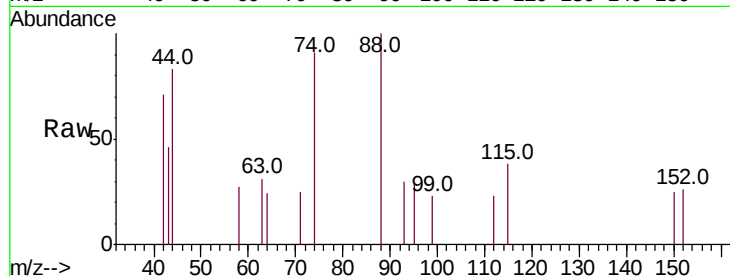


#3

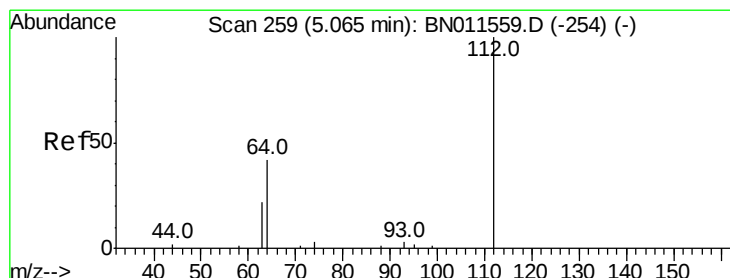
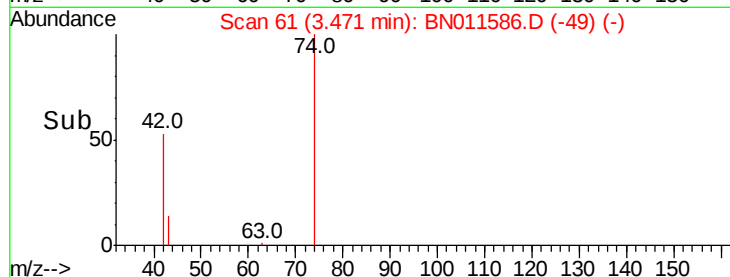
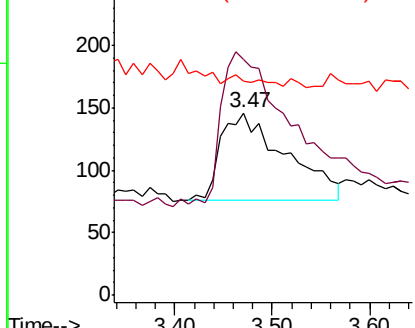
n-Nitrosodimethylamine
 Concen: 0.332 ng
 RT: 3.47 min Scan# 61
 Delta R.T. -0.00 min
 Lab File: BN011586.D
 Acq: 22 Aug 2020 14:32

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Tot Ion	42	Resp	324
Ion Ratio	Lower	Upper	
42	100		
74	185.5	169.0	253.4
44	0.0	21.6	32.4#



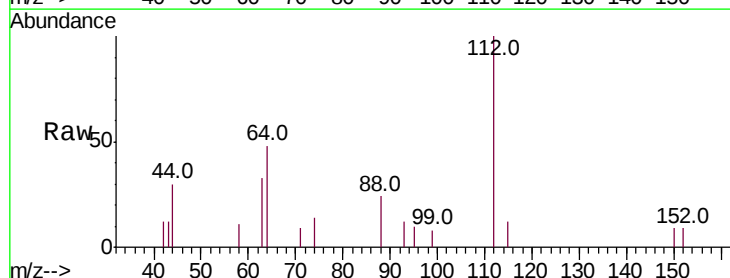
Abundance Ion 42.00 (41.70 to 42.70): BN0
 Ion 74.00 (73.70 to 74.70): BN0
 Ion 44.00 (43.70 to 44.70): BN0



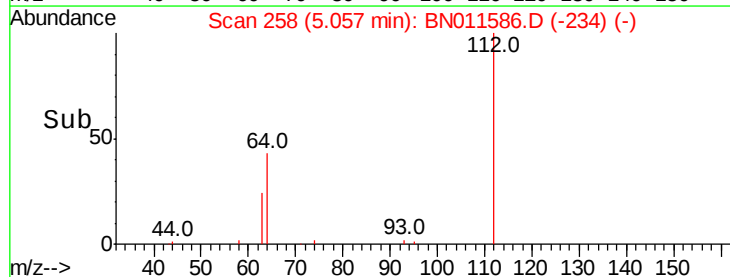
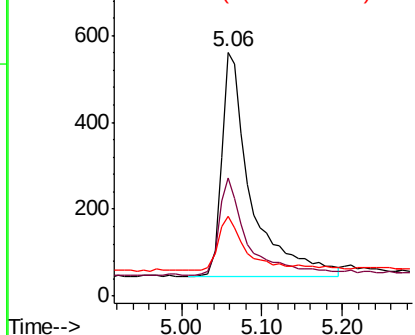
#4

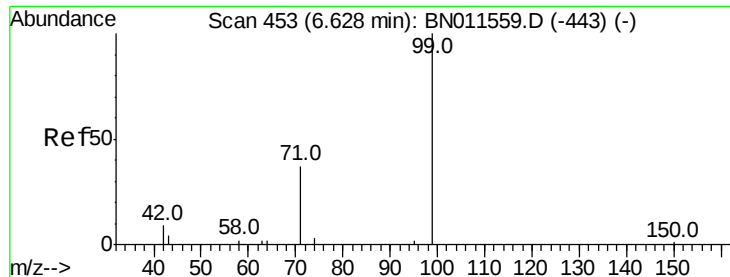
2-Fluorophenol
 Concen: 0.351 ng
 RT: 5.06 min Scan# 258
 Delta R.T. -0.01 min
 Lab File: BN011586.D
 Acq: 22 Aug 2020 14:32

Tgt Ion	112	Resp	1296
Ion Ratio	Lower	Upper	
112	100		
64	42.2	33.9	50.9
63	22.2	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

Phenol-d6

Concen: 0.363 ng

RT: 6.61 min Scan# 451

Delta R.T. -0.02 min

Lab File: BN011586.D

Acq: 22 Aug 2020 14:32

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

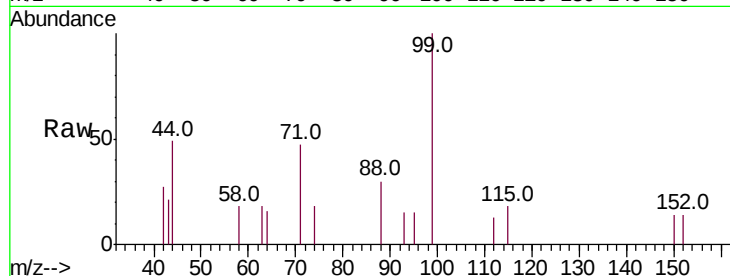
Tot Ion: 99 Resp: 1357

Ion Ratio Lower Upper

99 100

42 10.7 9.0 13.4

71 36.9 30.4 45.6



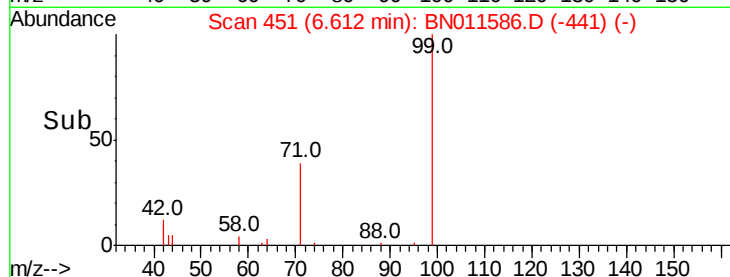
Abundance Ion 99.00 (98.70 to 99.70): BN011559.D (-443) (-)

Ion 42.00 (41.70 to 42.70): BN011559.D (-443) (-)

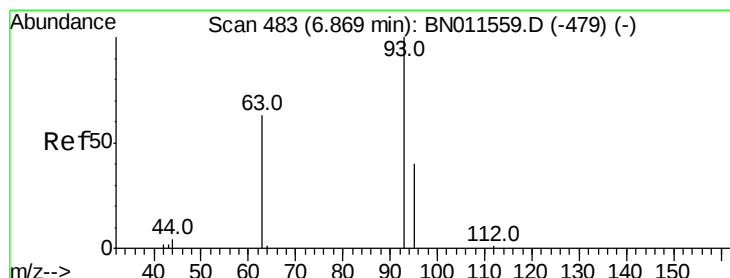
Ion 71.00 (70.70 to 71.70): BN011559.D (-443) (-)

6.61

Time-->



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.364 ng

RT: 6.86 min Scan# 482

Delta R.T. -0.01 min

Lab File: BN011586.D

Acq: 22 Aug 2020 14:32

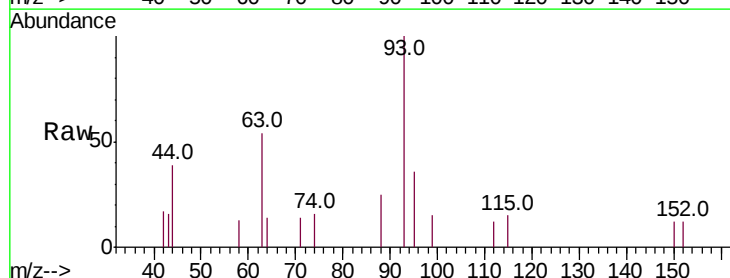
Tgt Ion: 93 Resp: 1327

Ion Ratio Lower Upper

93 100

63 42.7 32.9 49.3

95 32.0 25.3 37.9



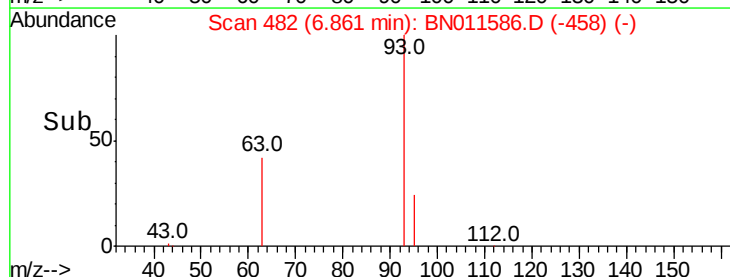
Abundance Ion 93.00 (92.70 to 93.70): BN011559.D (-479) (-)

Ion 63.00 (62.70 to 63.70): BN011559.D (-479) (-)

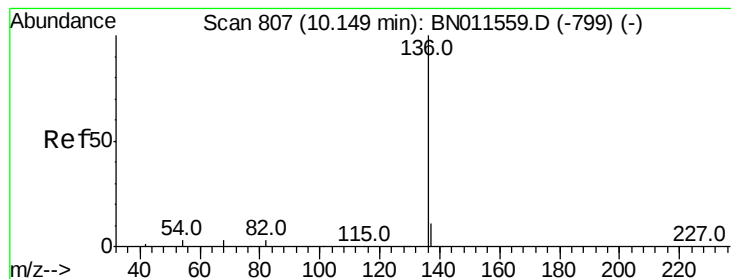
Ion 95.00 (94.70 to 95.70): BN011559.D (-479) (-)

6.86

Time-->



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.14 min Scan# 806

Delta R.T. -0.01 min

Lab File: BN011586.D

Acq: 22 Aug 2020 14:32

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 6225

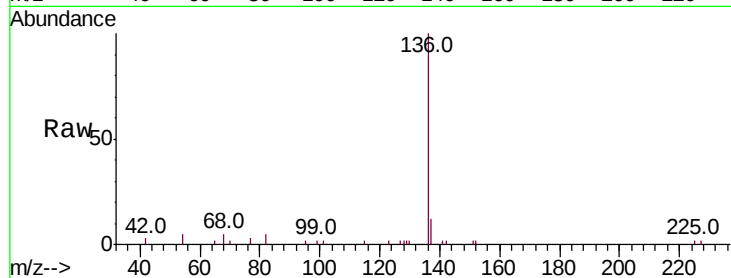
Ion Ratio Lower Upper

136 100

137 12.4 11.0 16.4

54 4.8 4.3 6.5

68 5.3 4.9 7.3

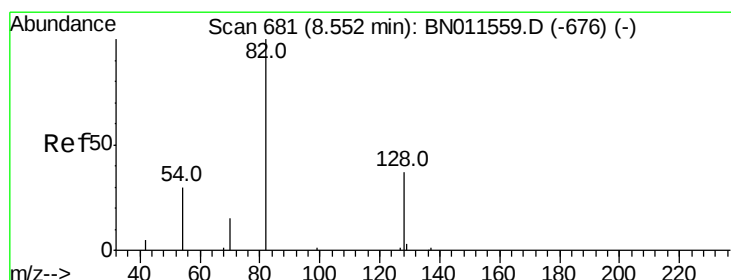
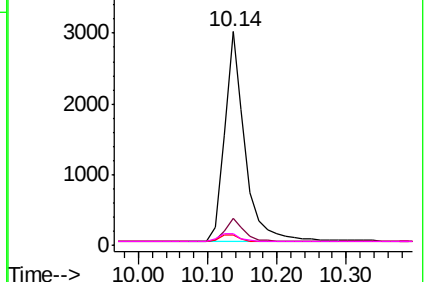
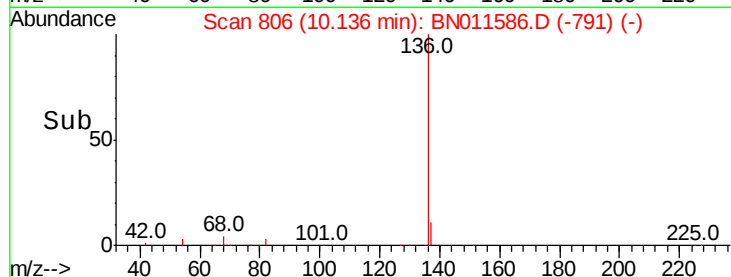


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.355 ng

RT: 8.55 min Scan# 681

Delta R.T. -0.00 min

Lab File: BN011586.D

Acq: 22 Aug 2020 14:32

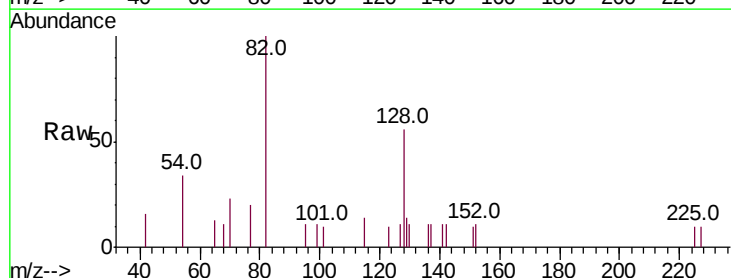
Tgt Ion: 82 Resp: 1452

Ion Ratio Lower Upper

82 100

128 56.4 41.7 62.5

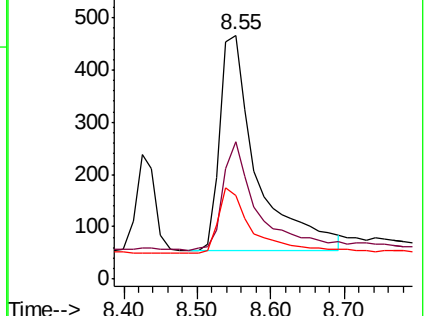
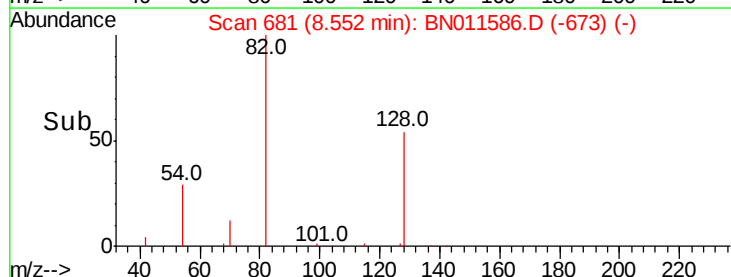
54 34.3 34.4 51.6#

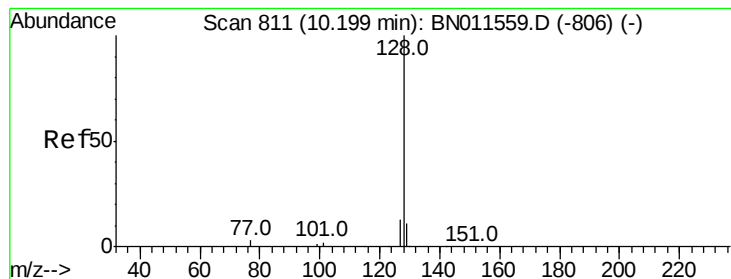


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.372 ng

RT: 10.19 min Scan# 810

Delta R.T. -0.01 min

Lab File: BN011586.D

Acq: 22 Aug 2020 14:32

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

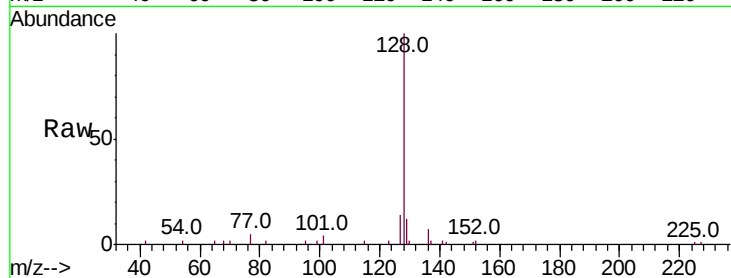
Tot Ion:128 Resp: 6711

Ion Ratio Lower Upper

128 100

129 12.3 10.8 16.2

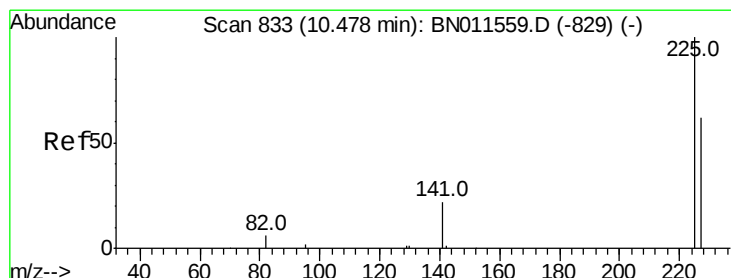
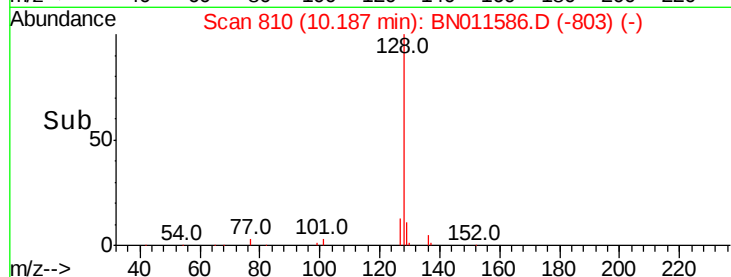
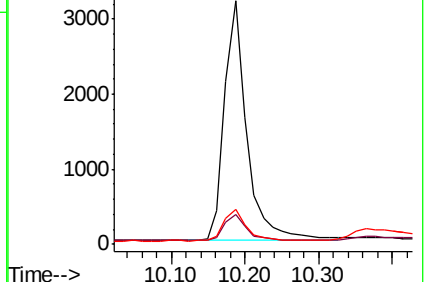
127 14.2 12.3 18.5



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: 0.369 ng

RT: 10.48 min Scan# 833

Delta R.T. -0.00 min

Lab File: BN011586.D

Acq: 22 Aug 2020 14:32

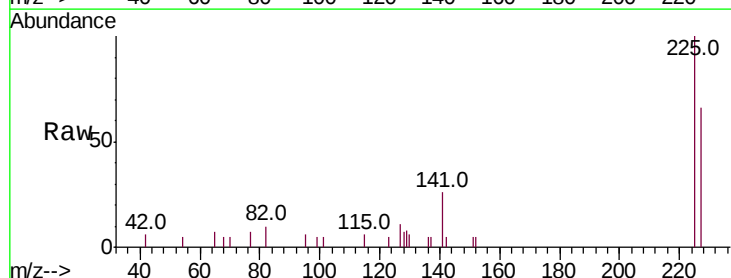
Tgt Ion:225 Resp: 1864

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

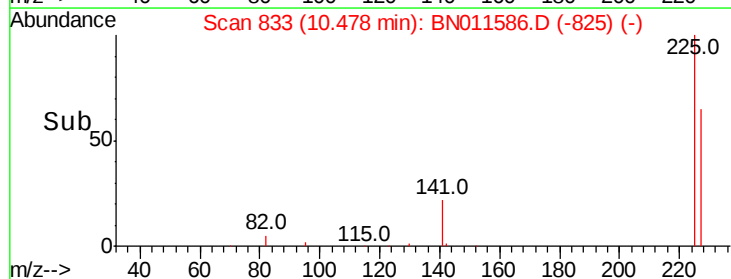
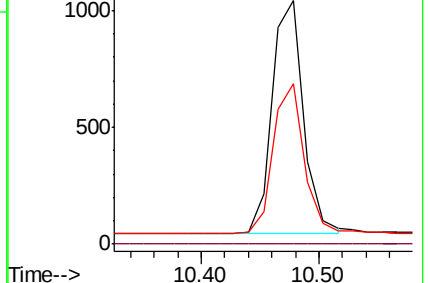
227 63.5 51.3 76.9

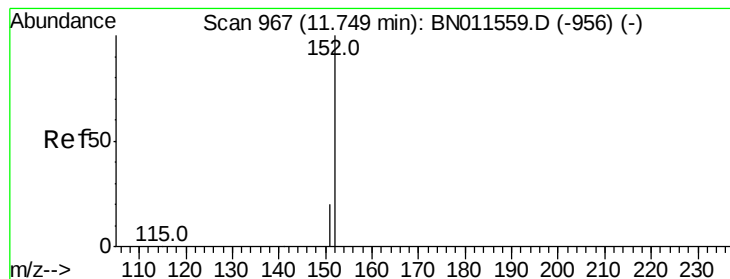


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.332 ng

RT: 11.74 min Scan# 965

Delta R.T. -0.01 min

Lab File: BN011586.D

Acq: 22 Aug 2020 14:32

Instrument :

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ClientSampleId :

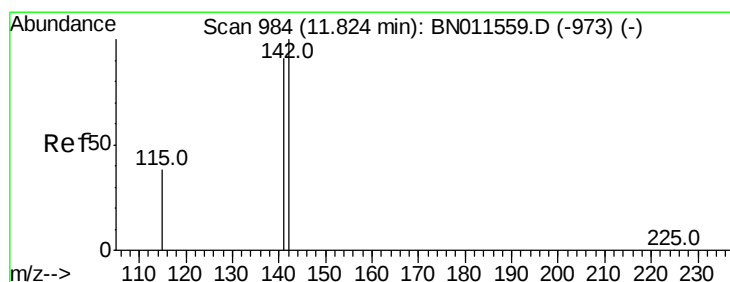
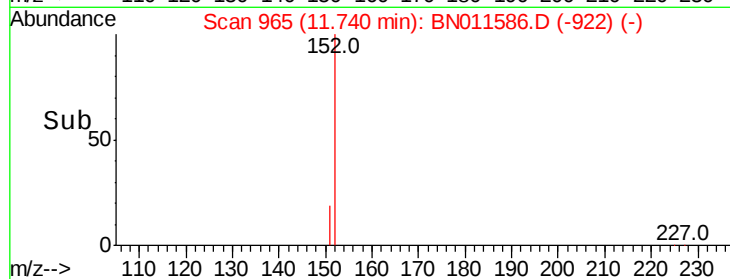
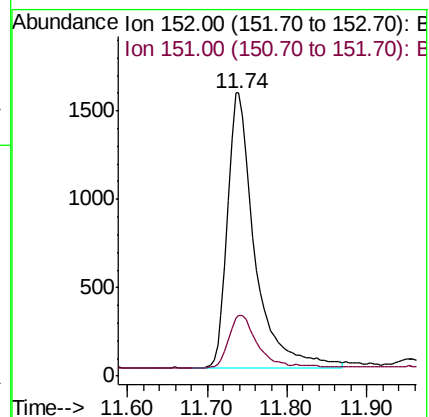
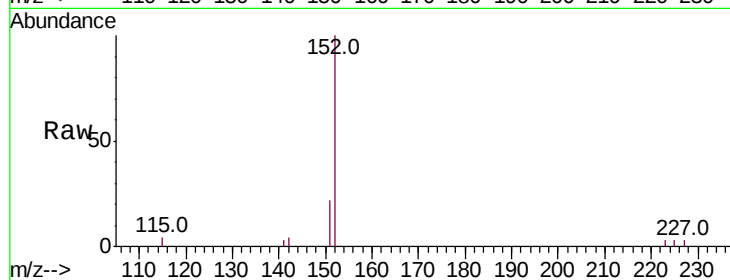
SSTDCCC0.4

Tot Ion:152 Resp: 3695

Ion Ratio Lower Upper

152 100

151 19.7 16.6 24.8



#12

2-Methylnaphthalene

Concen: 0.344 ng

RT: 11.82 min Scan# 982

Delta R.T. -0.01 min

Lab File: BN011586.D

Acq: 22 Aug 2020 14:32

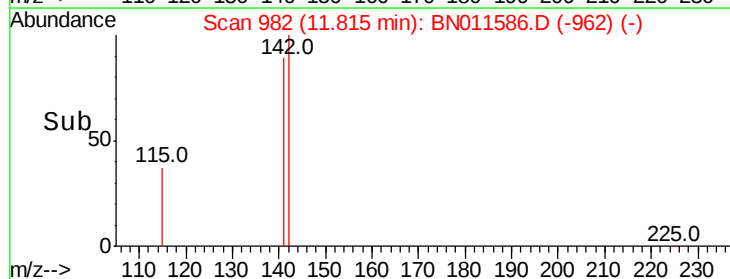
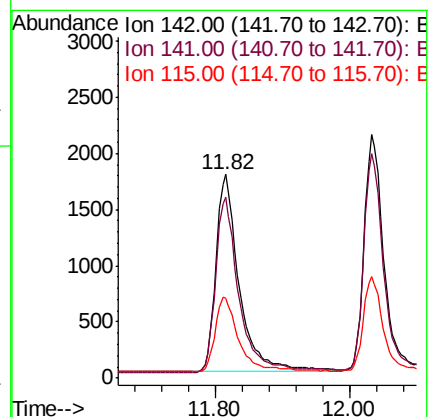
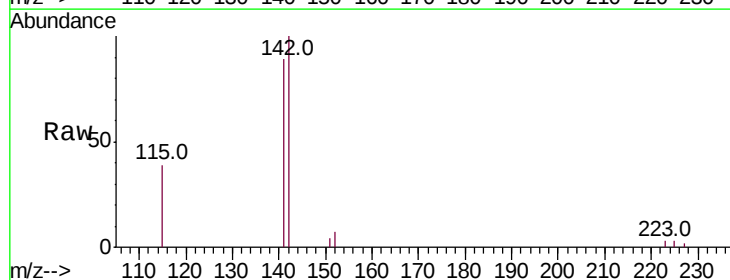
Tgt Ion:142 Resp: 4276

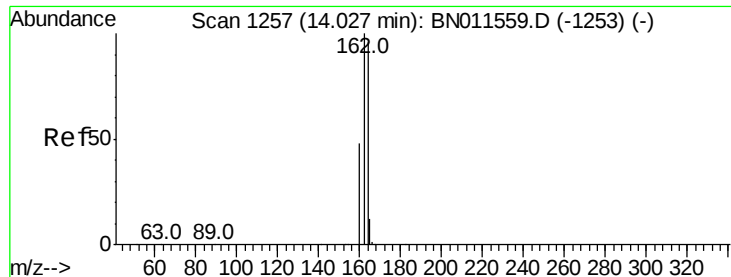
Ion Ratio Lower Upper

142 100

141 88.6 73.0 109.6

115 39.4 33.4 50.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.03 min Scan# 1257

Delta R.T. -0.00 min

Lab File: BN011586.D

Acq: 22 Aug 2020 14:32

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

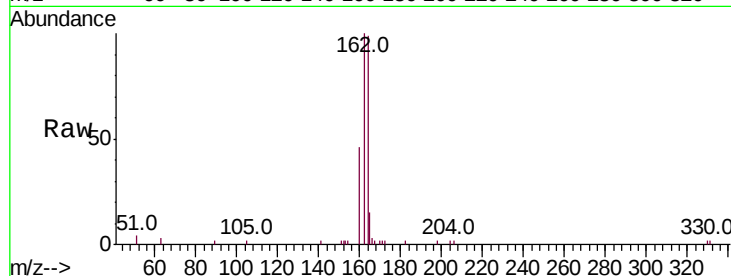
Tot Ion:164 Resp: 3794

Ion Ratio Lower Upper

164 100

162 100.5 83.7 125.5

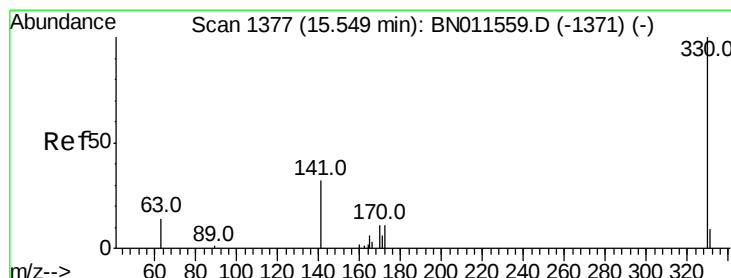
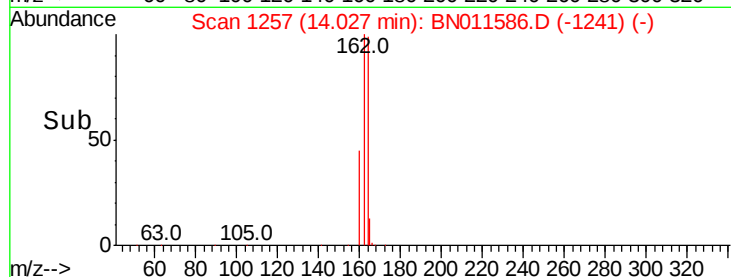
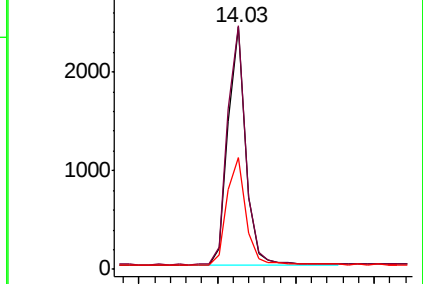
160 46.4 41.1 61.7



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: 0.327 ng

RT: 15.54 min Scan# 1376

Delta R.T. -0.01 min

Lab File: BN011586.D

Acq: 22 Aug 2020 14:32

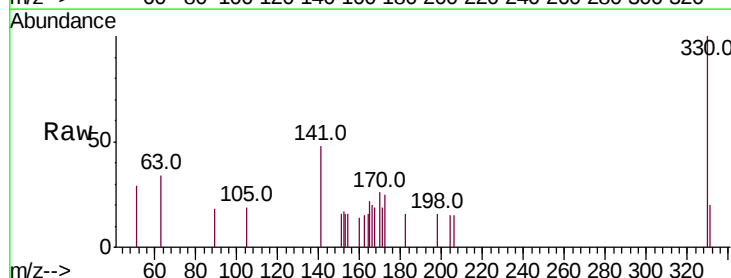
Tgt Ion:330 Resp: 617

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

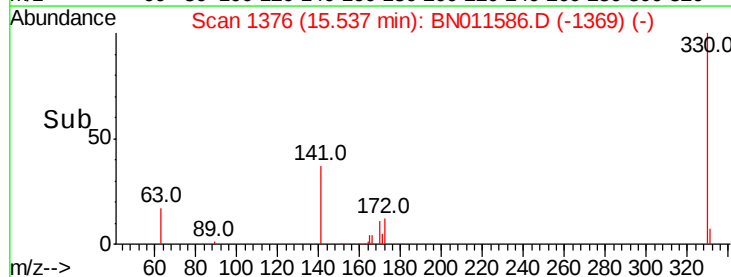
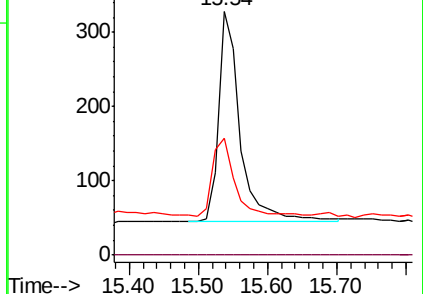
141 37.8 34.6 52.0

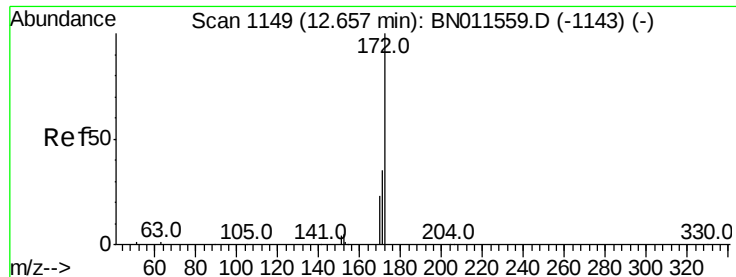


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.381 ng

RT: 12.64 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BN011586.D

Acq: 22 Aug 2020 14:32

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

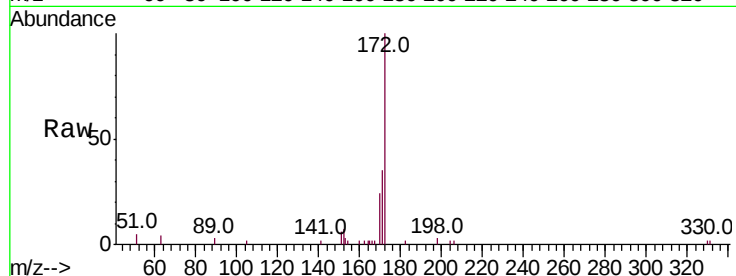
Tot Ion:172 Resp: 5939

Ion Ratio Lower Upper

172 100

171 35.3 29.4 44.0

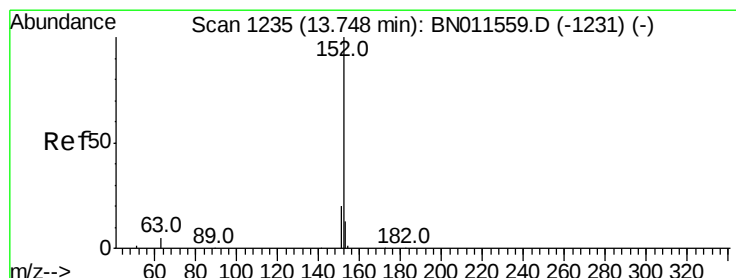
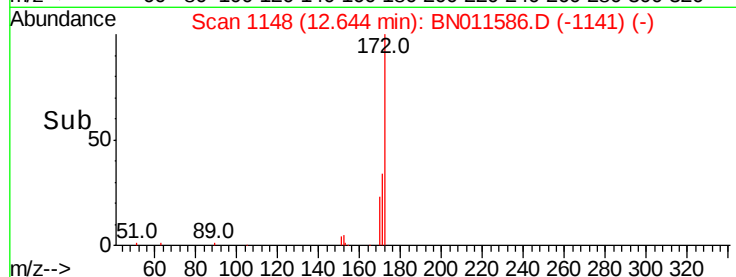
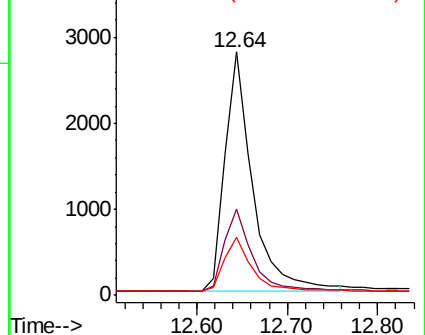
170 23.9 20.1 30.1



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: 0.353 ng

RT: 13.74 min Scan# 1234

Delta R.T. -0.01 min

Lab File: BN011586.D

Acq: 22 Aug 2020 14:32

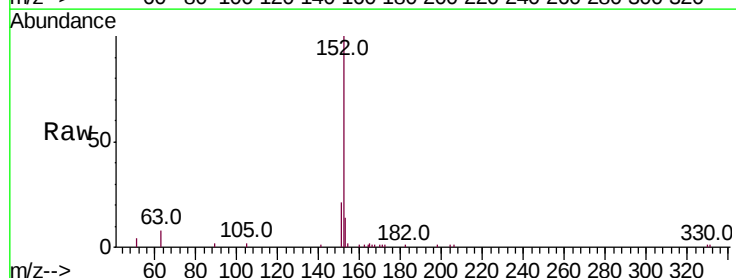
Tgt Ion:152 Resp: 6814

Ion Ratio Lower Upper

152 100

151 19.6 15.8 23.8

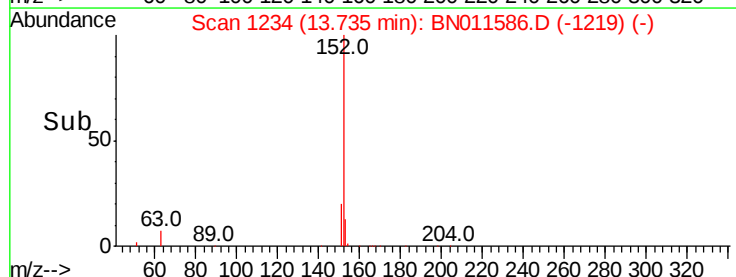
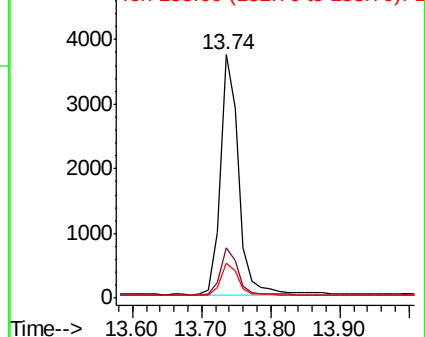
153 13.4 10.6 16.0

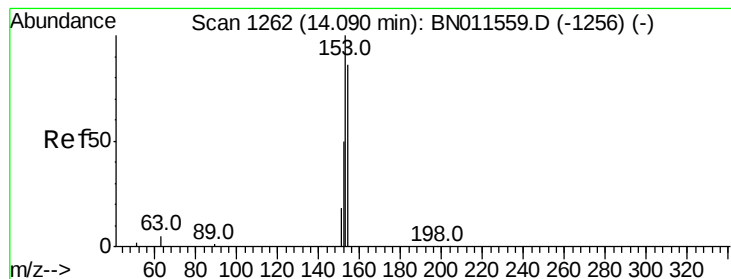


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.366 ng

RT: 14.09 min Scan# 1262

Delta R.T. -0.00 min

Lab File: BN011586.D

Acq: 22 Aug 2020 14:32

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

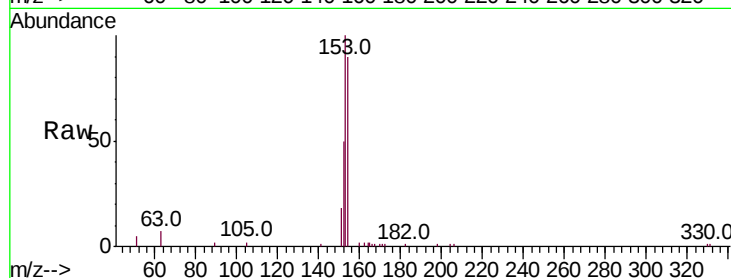
Tot Ion:154 Resp: 4638

Ion Ratio Lower Upper

154 100

153 114.6 91.8 137.8

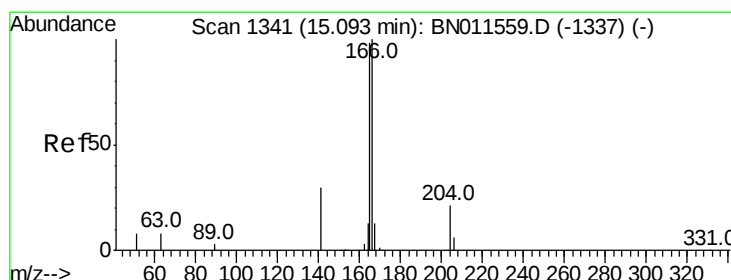
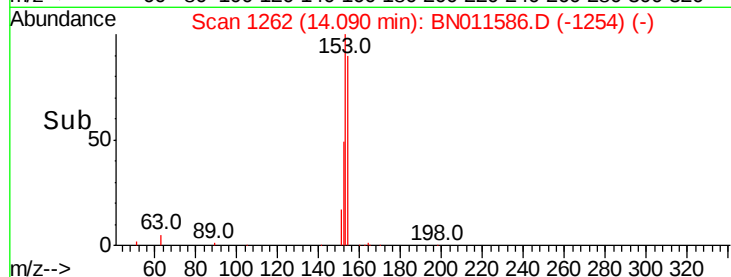
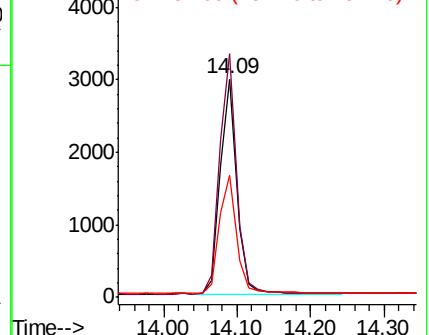
152 57.5 46.3 69.5



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: 0.361 ng

RT: 15.09 min Scan# 1341

Delta R.T. -0.00 min

Lab File: BN011586.D

Acq: 22 Aug 2020 14:32

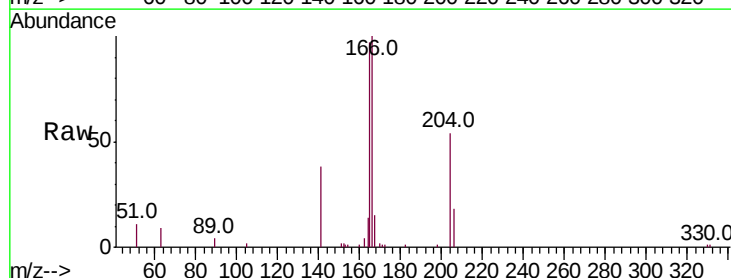
Tgt Ion:166 Resp: 6043

Ion Ratio Lower Upper

166 100

165 98.1 78.2 117.2

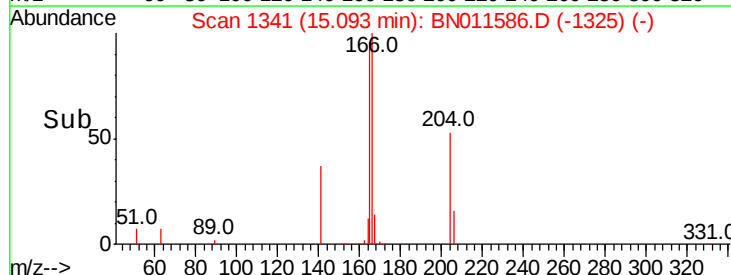
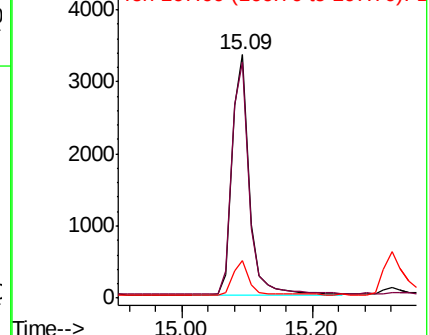
167 13.6 10.7 16.1

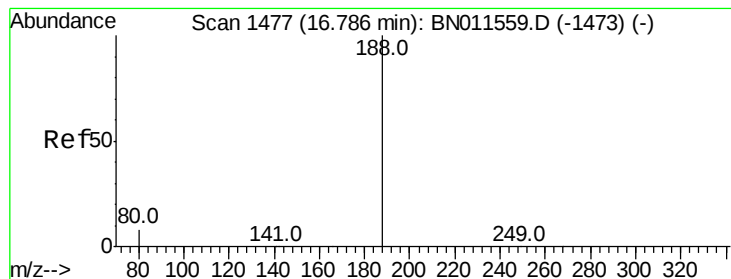


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.79 min Scan# 1477

Delta R.T. -0.00 min

Lab File: BN011586.D

Acq: 22 Aug 2020 14:32

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

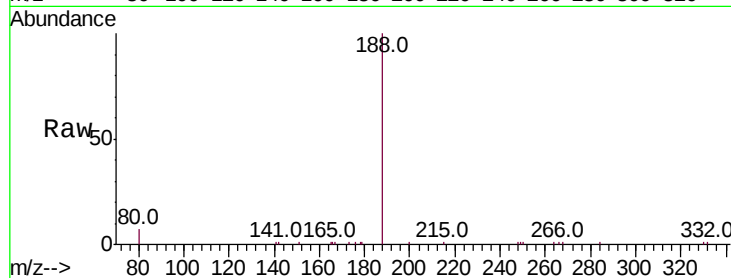
Tot Ion:188 Resp: 8729

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

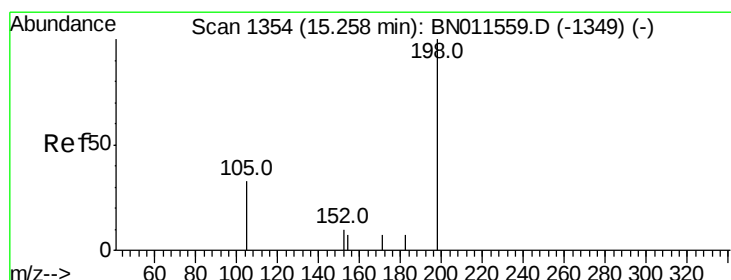
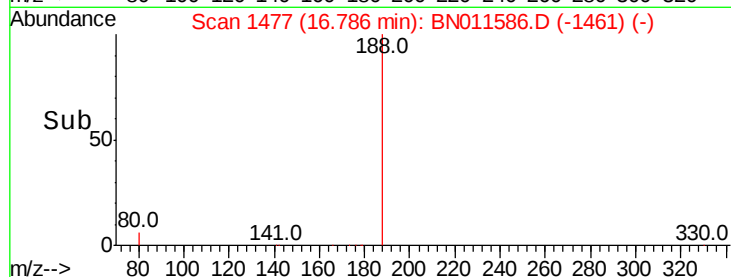
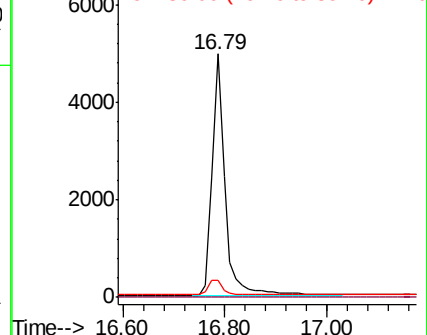
80 6.9 7.6 11.4#



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: 0.372 ng

RT: 15.23 min Scan# 1352

Delta R.T. -0.02 min

Lab File: BN011586.D

Acq: 22 Aug 2020 14:32

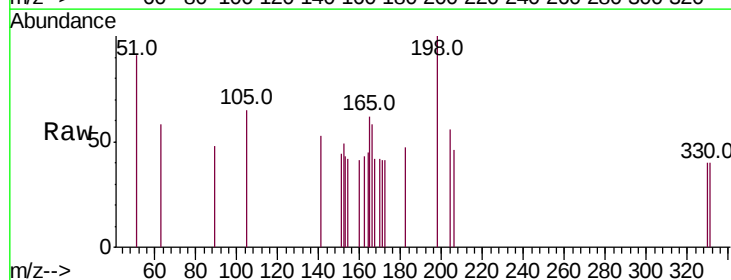
Tgt Ion:198 Resp: 343

Ion Ratio Lower Upper

198 100

51 91.2 89.4 134.2

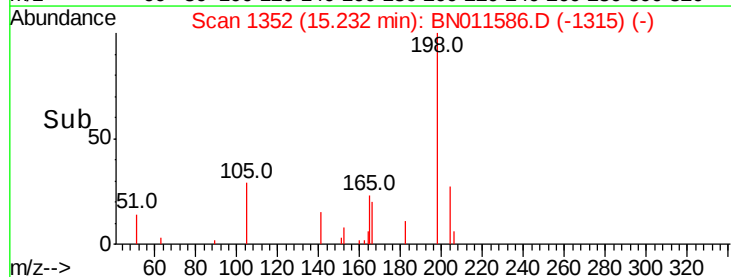
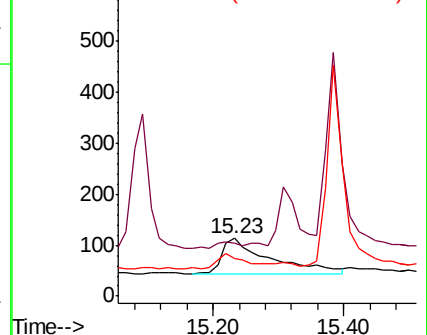
105 65.5 70.6 105.8#

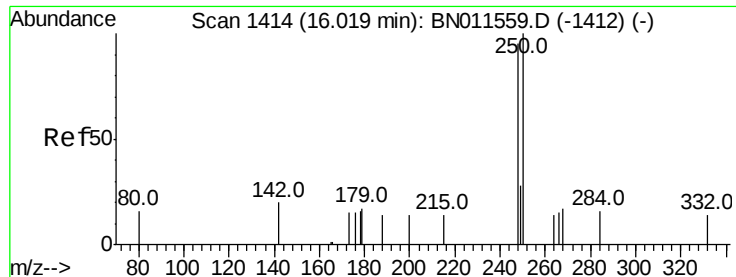


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E

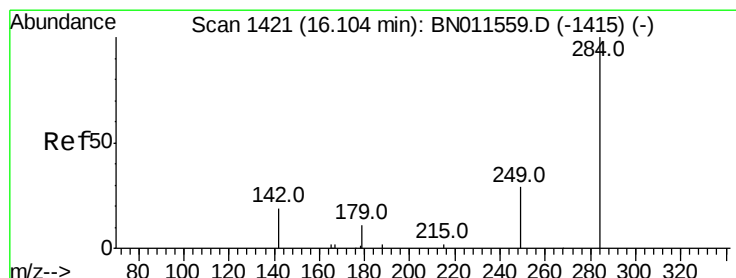
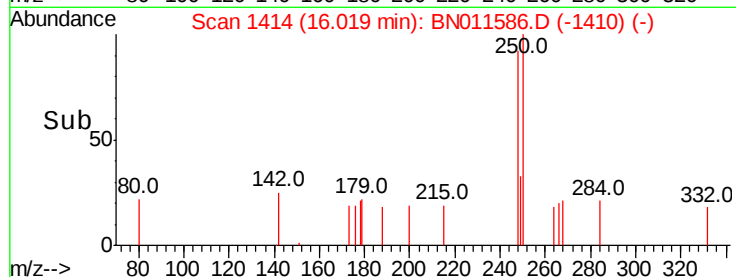
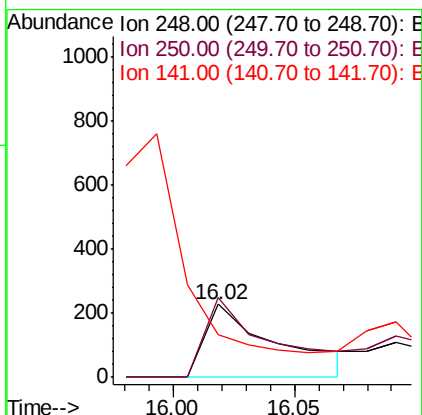
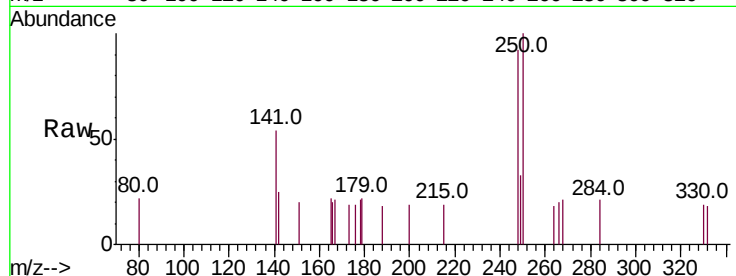




#21
4-Bromophenyl-phenylether
Concen: 0.245 ng
RT: 16.02 min Scan# 1414
Delta R.T. -0.00 min
Lab File: BN011586.D
Acq: 22 Aug 2020 14:32

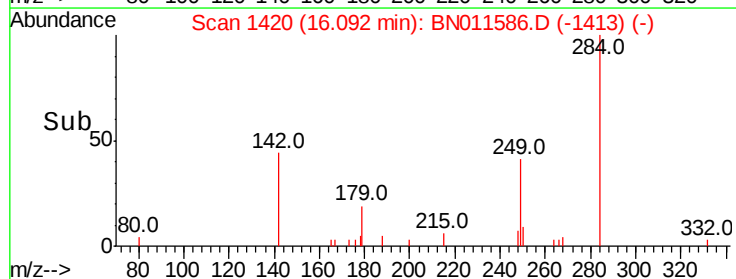
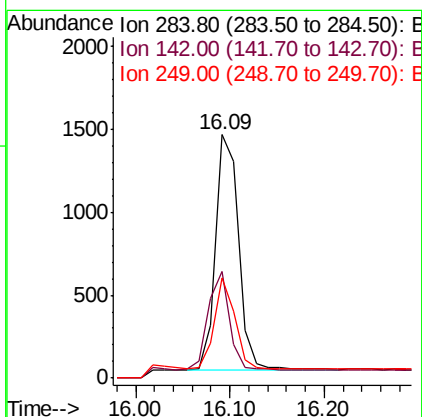
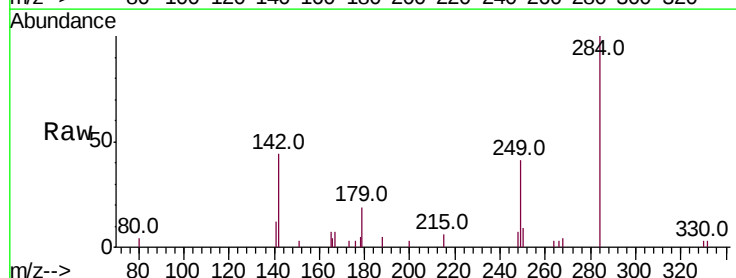
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

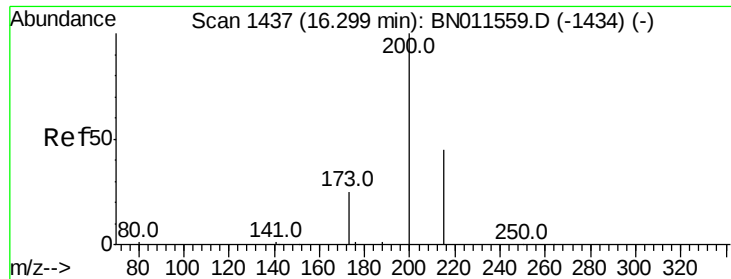
Tot Ion:248 Resp: 467
Ion Ratio Lower Upper
248 100
250 108.8 83.8 125.8
141 58.8 41.0 61.6



#22
Hexachlorobenzene
Concen: 0.356 ng
RT: 16.09 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BN011586.D
Acq: 22 Aug 2020 14:32

Tgt Ion:284 Resp: 2393
Ion Ratio Lower Upper
284 100
142 39.3 29.7 44.5
249 35.1 26.8 40.2

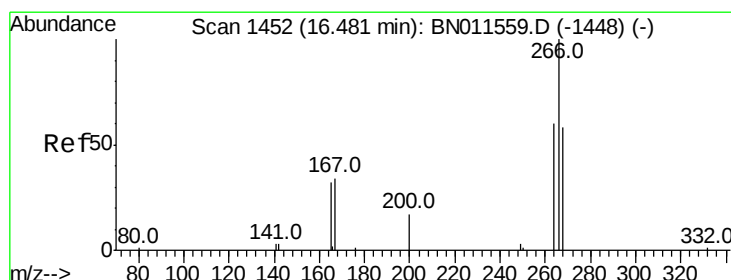
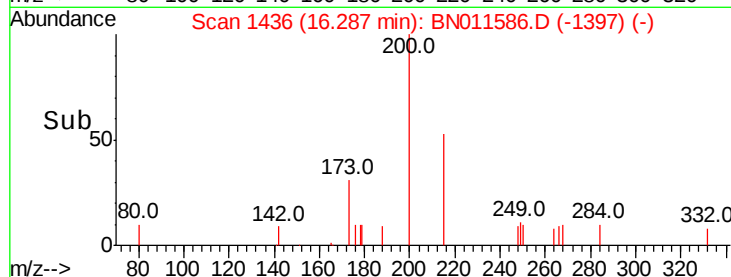
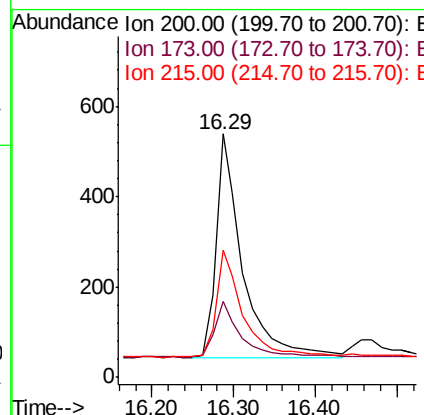
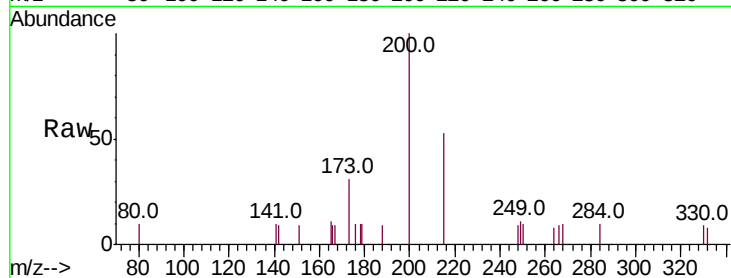




#23
Atrazine
Concen: 0.244 ng
RT: 16.29 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BN011586.D
Acq: 22 Aug 2020 14:32

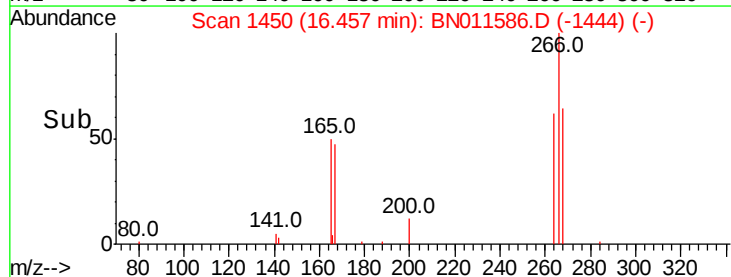
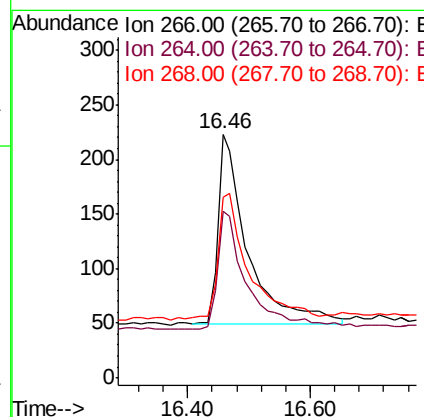
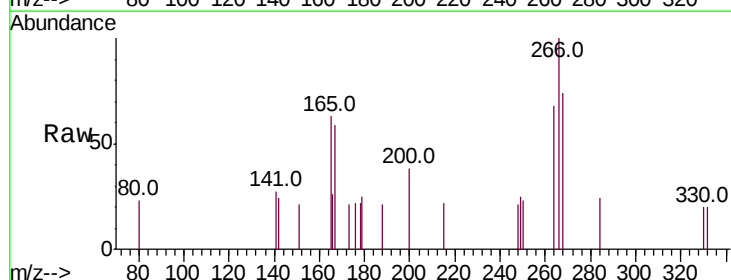
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

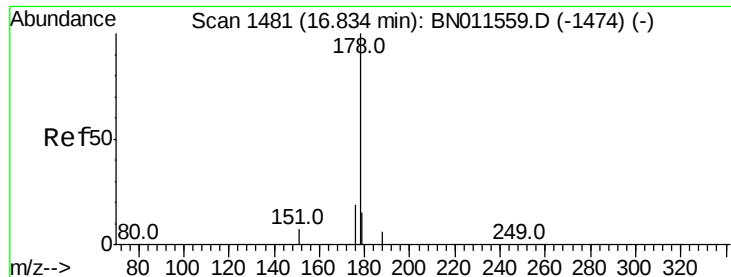
Tot Ion:200 Resp: 1108
Ion Ratio Lower Upper
200 100
173 31.4 27.7 41.5
215 52.5 41.5 62.3



#24
Pentachlorophenol
Concen: 0.281 ng
RT: 16.46 min Scan# 1450
Delta R.T. -0.02 min
Lab File: BN011586.D
Acq: 22 Aug 2020 14:32

Tgt Ion:266 Resp: 589
Ion Ratio Lower Upper
266 100
264 62.6 48.7 73.1
268 64.5 51.0 76.6





#25

Phenanthrene

Concen: 0.356 ng

RT: 16.82 min Scan# 1480

Delta R.T. -0.01 min

Lab File: BN011586.D

Acq: 22 Aug 2020 14:32

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

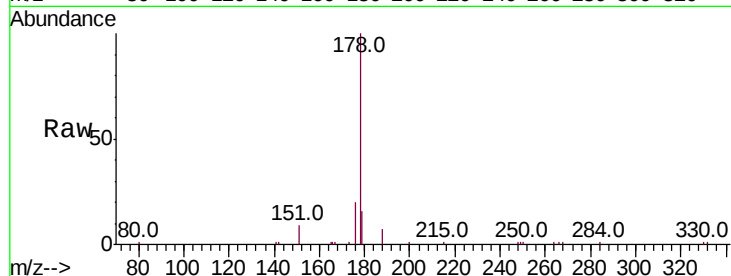
Tot Ion:178 Resp: 9769

Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.4

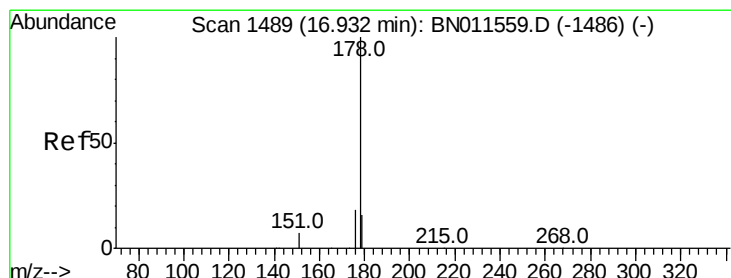
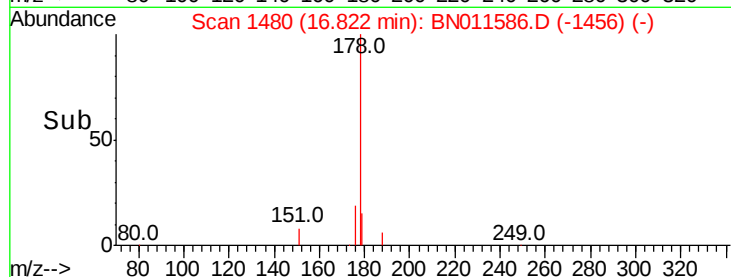
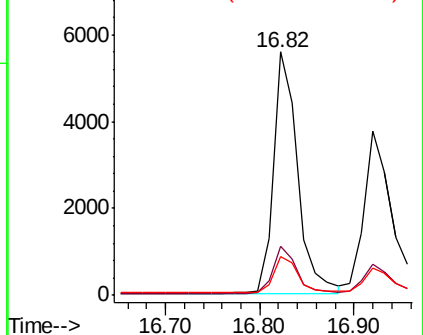
179 15.4 12.3 18.5



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: 0.338 ng

RT: 16.92 min Scan# 1488

Delta R.T. -0.01 min

Lab File: BN011586.D

Acq: 22 Aug 2020 14:32

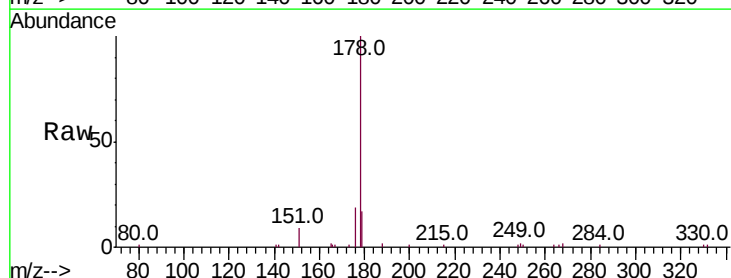
Tgt Ion:178 Resp: 7736

Ion Ratio Lower Upper

178 100

176 18.3 14.4 21.6

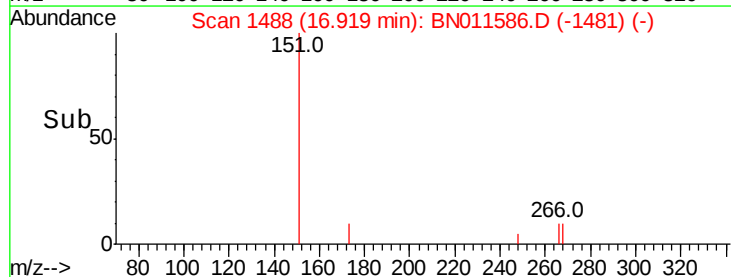
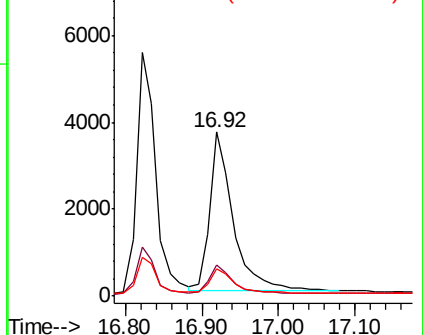
179 15.5 12.9 19.3

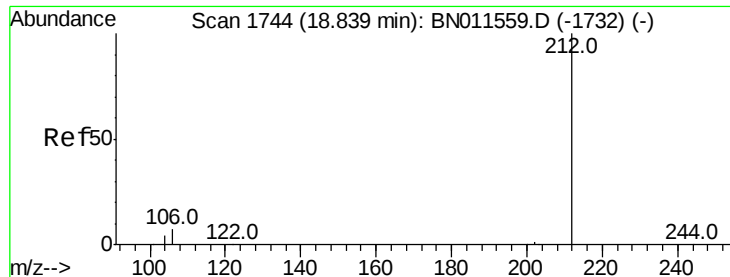


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

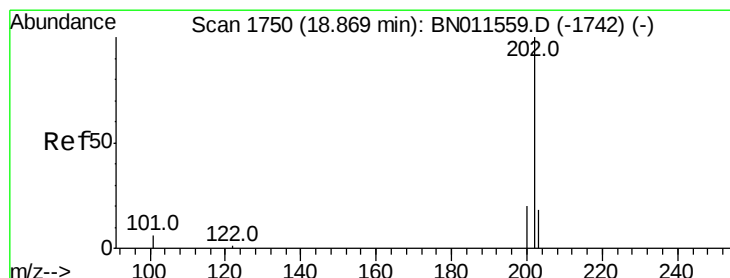
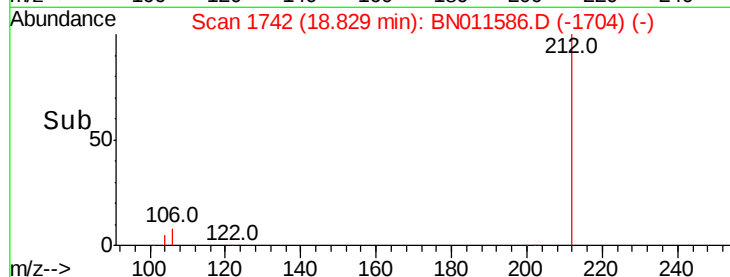
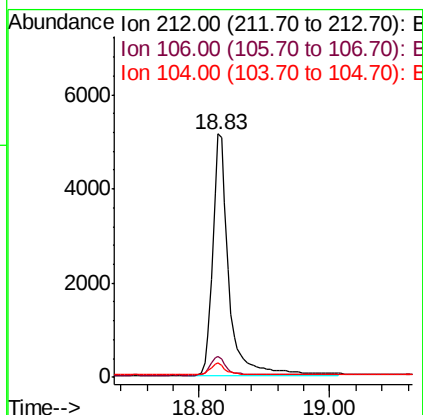
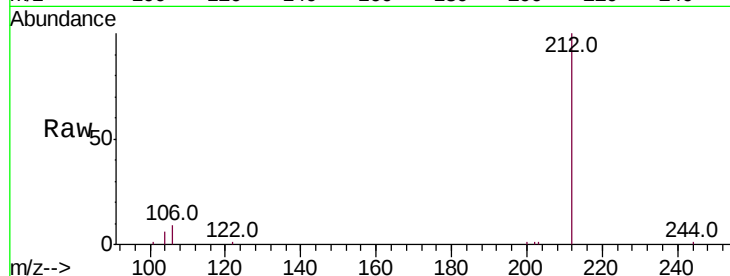




#27
 Fluoranthene-d10
 Concen: 0.296 ng
 RT: 18.83 min Scan# 1742
 Delta R.T. -0.01 min
 Lab File: BN011586.D
 Acq: 22 Aug 2020 14:32

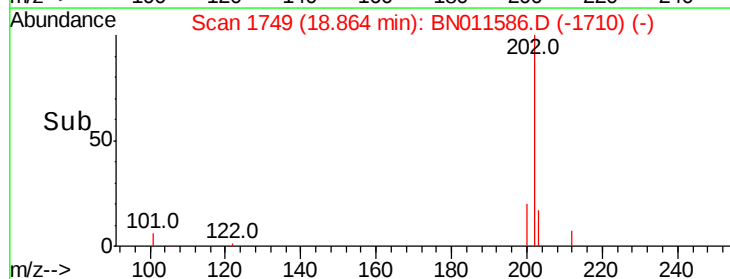
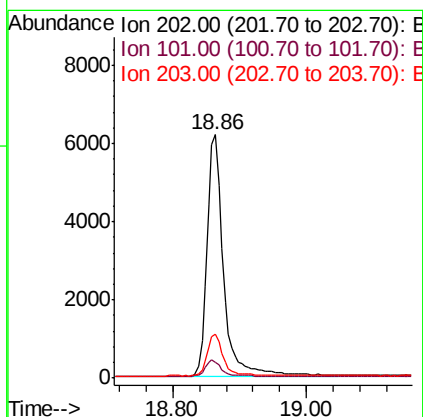
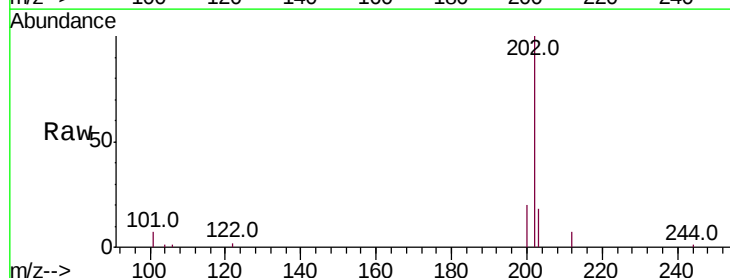
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

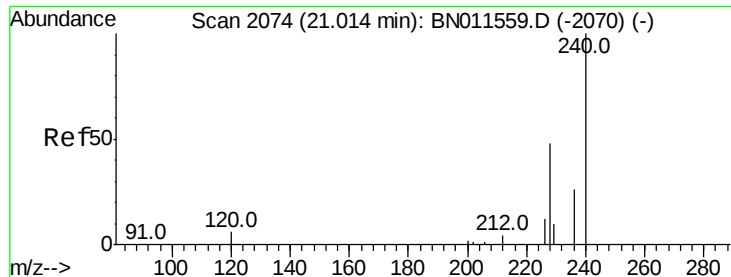
Tot Ion:212 Resp: 8694
 Ion Ratio Lower Upper
 212 100
 106 7.6 6.2 9.2
 104 4.7 3.8 5.6



#28
 Fluoranthene
 Concen: 0.299 ng
 RT: 18.86 min Scan# 1749
 Delta R.T. -0.00 min
 Lab File: BN011586.D
 Acq: 22 Aug 2020 14:32

Tgt Ion:202 Resp: 10562
 Ion Ratio Lower Upper
 202 100
 101 6.6 5.2 7.8
 203 16.9 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: BN011586.D

Acq: 22 Aug 2020 14:32

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

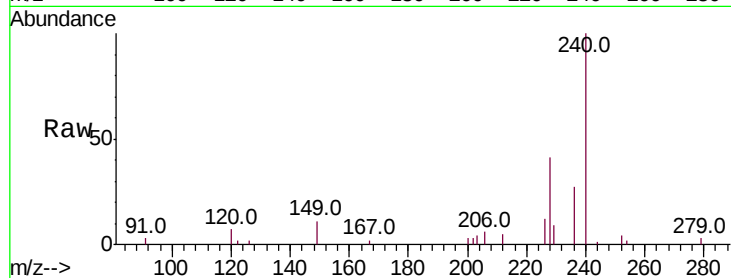
Tot Ion:240 Resp: 6718

Ion Ratio Lower Upper

240 100

120 6.7 7.4 11.0#

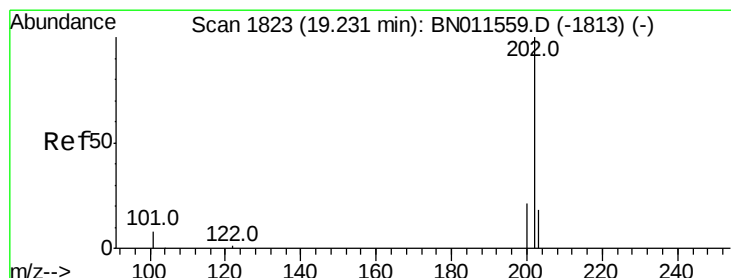
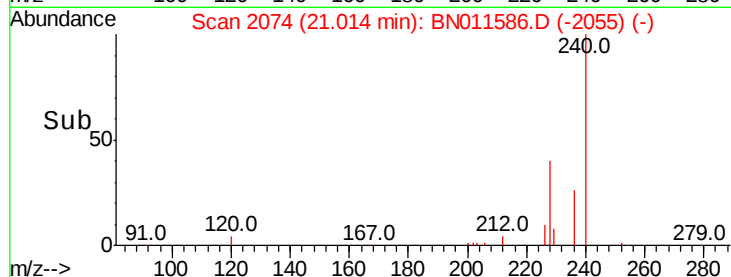
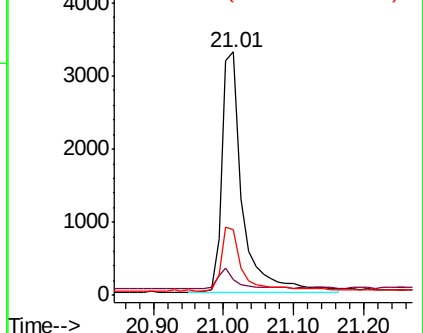
236 27.1 22.3 33.5



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: 0.389 ng

RT: 19.23 min Scan# 1822

Delta R.T. -0.00 min

Lab File: BN011586.D

Acq: 22 Aug 2020 14:32

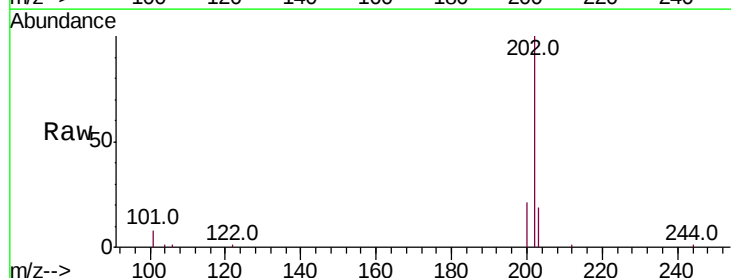
Tgt Ion:202 Resp: 10387

Ion Ratio Lower Upper

202 100

200 20.4 16.6 25.0

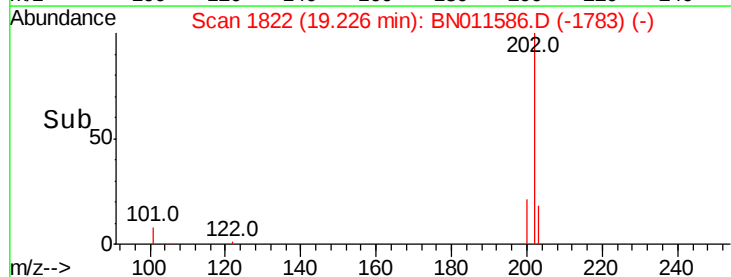
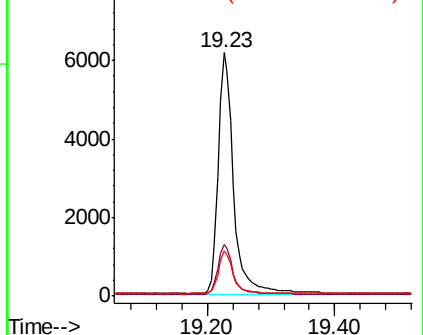
203 17.3 14.2 21.2

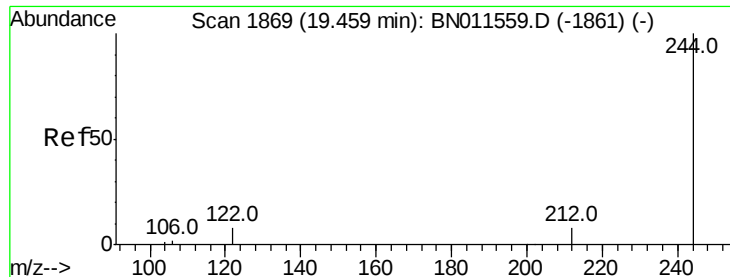


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#31

Terphenyl-d14

Concen: 0.378 ng

RT: 19.45 min Scan# 1868

Delta R.T. -0.00 min

Lab File: BN011586.D

Acq: 22 Aug 2020 14:32

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

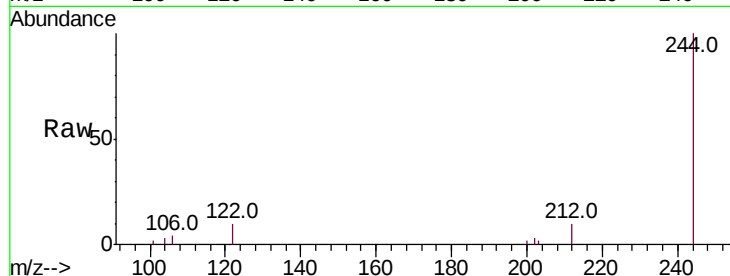
Tot Ion:244 Resp: 6631

Ion Ratio Lower Upper

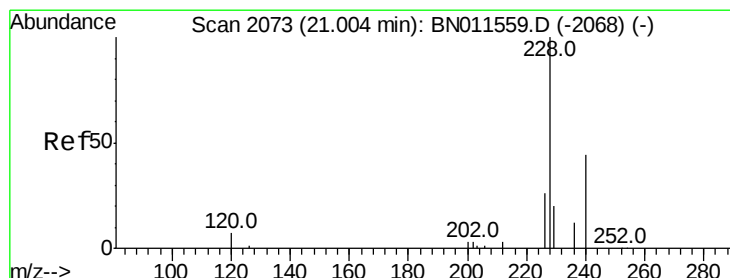
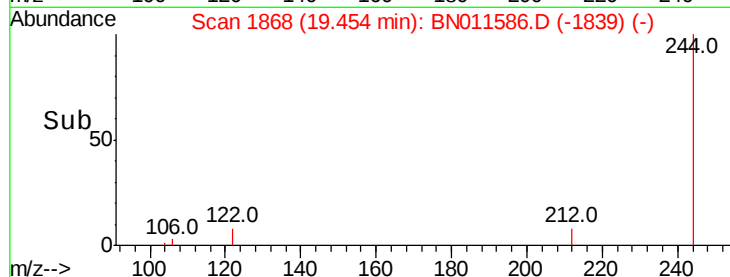
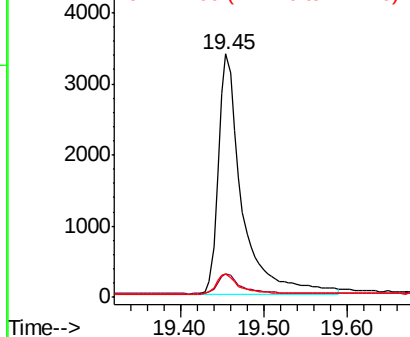
244 100

212 9.7 8.2 12.4

122 9.6 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: 0.351 ng

RT: 20.99 min Scan# 2072

Delta R.T. -0.01 min

Lab File: BN011586.D

Acq: 22 Aug 2020 14:32

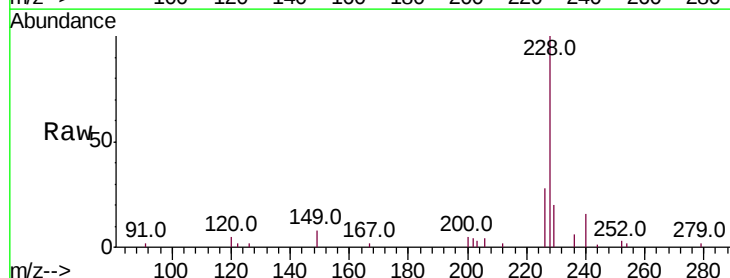
Tgt Ion:228 Resp: 7752

Ion Ratio Lower Upper

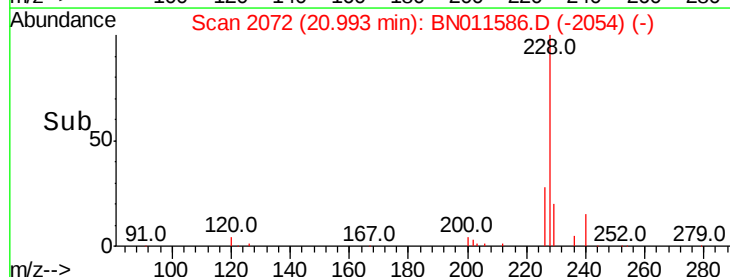
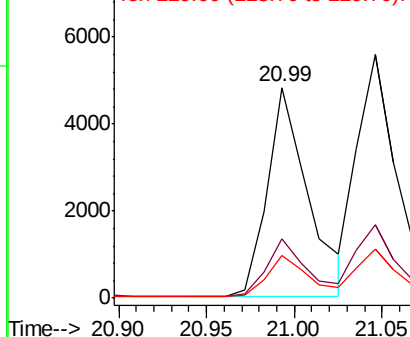
228 100

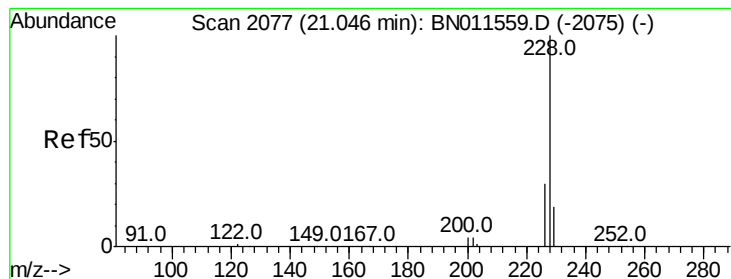
226 28.4 22.2 33.2

229 20.3 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: 0.360 ng

RT: 21.05 min Scan# 2077

Delta R.T. -0.00 min

Lab File: BN011586.D

Acq: 22 Aug 2020 14:32

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

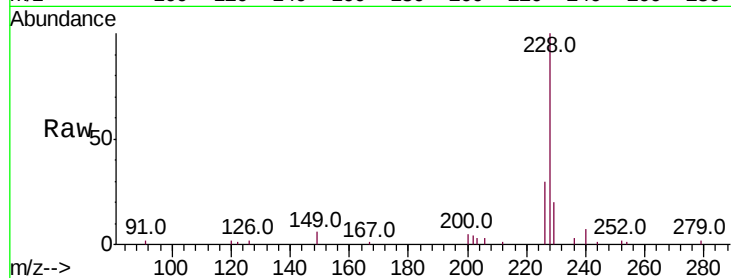
Tot Ion:228 Resp: 9036

Ion Ratio Lower Upper

228 100

226 30.0 24.5 36.7

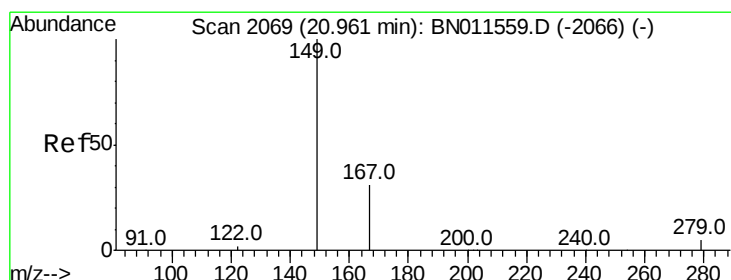
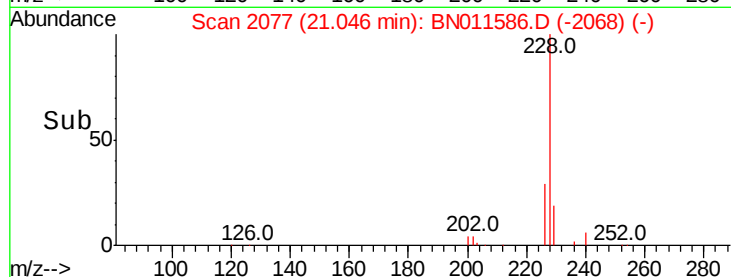
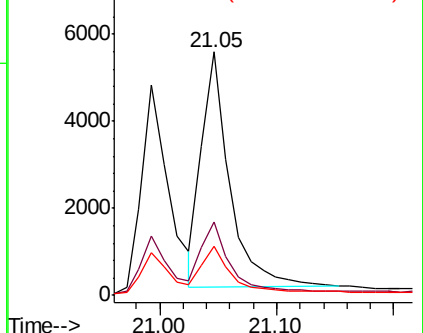
229 20.1 16.2 24.2



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: 0.332 ng

RT: 20.95 min Scan# 2068

Delta R.T. -0.01 min

Lab File: BN011586.D

Acq: 22 Aug 2020 14:32

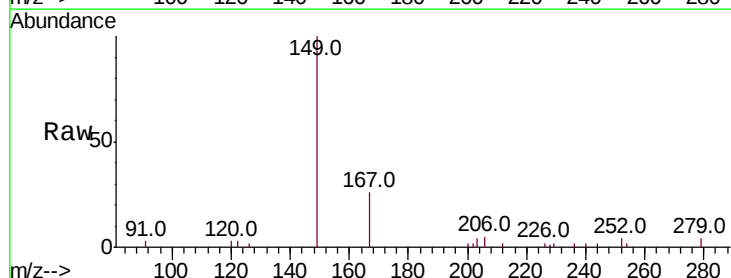
Tgt Ion:149 Resp: 3322

Ion Ratio Lower Upper

149 100

167 29.2 22.8 34.2

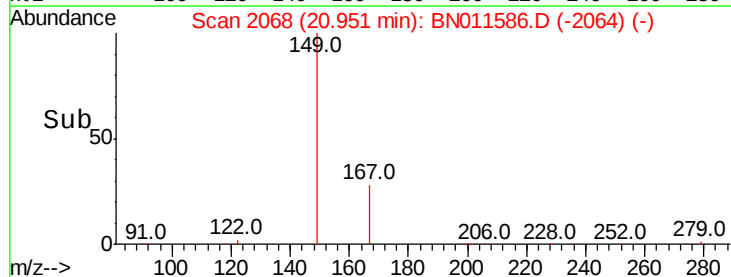
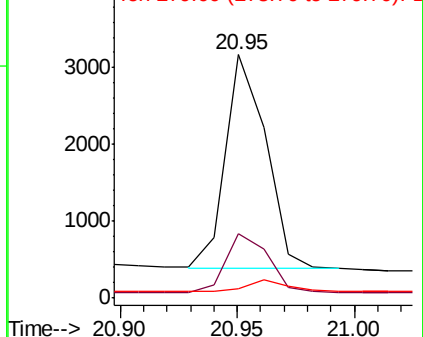
279 5.0 4.2 6.2

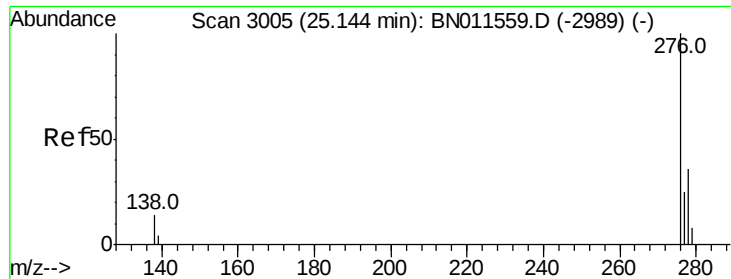


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

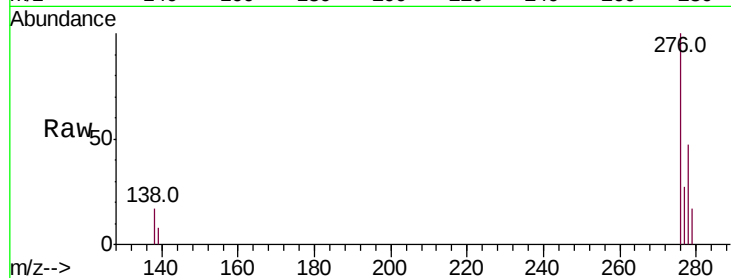




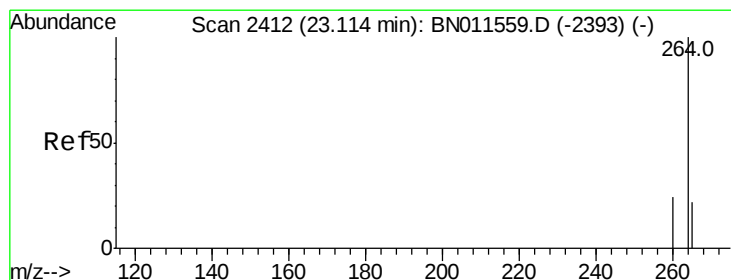
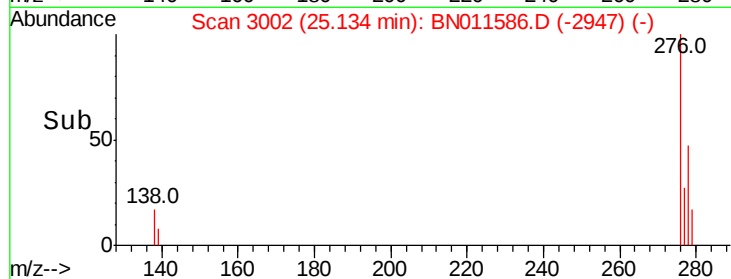
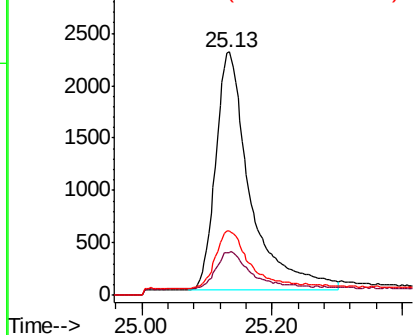
#35
 Indeno(1,2,3-cd)pyrene
 Concen: 0.368 ng
 RT: 25.13 min Scan# 3002
 Delta R.T. -0.01 min
 Lab File: BN011586.D
 Acq: 22 Aug 2020 14:32

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Tot Ion:276 Resp: 8386
 Ion Ratio Lower Upper
 276 100
 138 14.1 11.6 17.4
 277 23.3 18.2 27.4

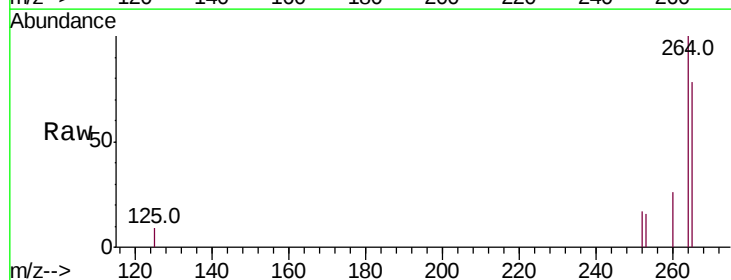


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

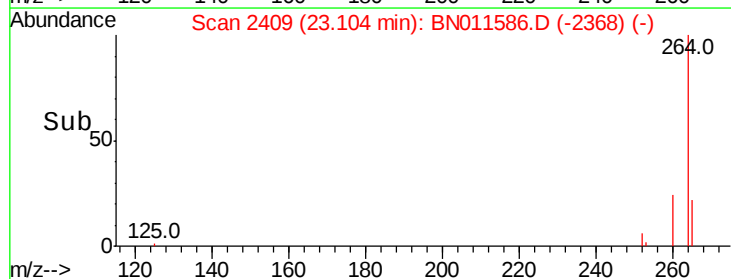
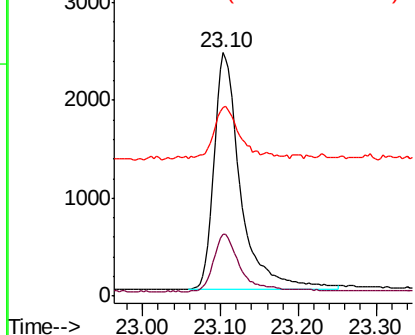


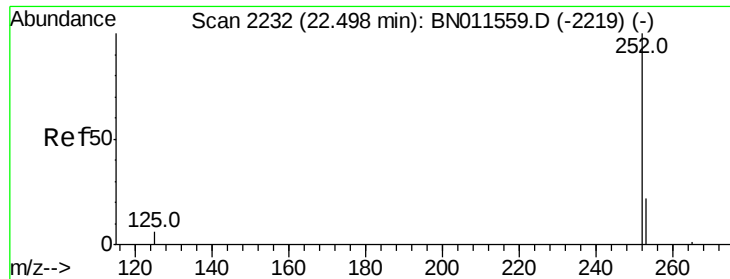
#36
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.10 min Scan# 2409
 Delta R.T. -0.01 min
 Lab File: BN011586.D
 Acq: 22 Aug 2020 14:32

Tgt Ion:264 Resp: 5743
 Ion Ratio Lower Upper
 264 100
 260 25.6 20.3 30.5
 265 77.7 96.1 144.1#



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: 0.442 ng

RT: 22.53 min Scan# 2242

Delta R.T. 0.03 min

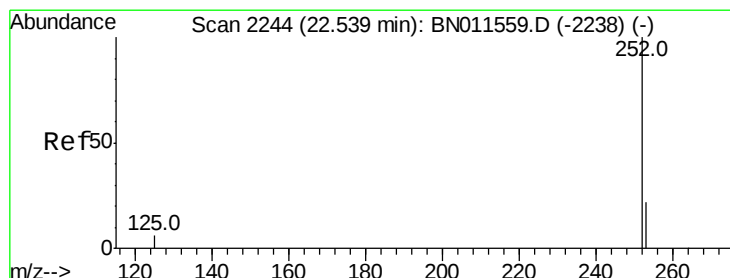
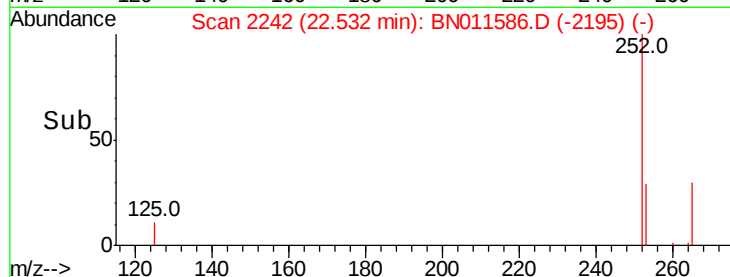
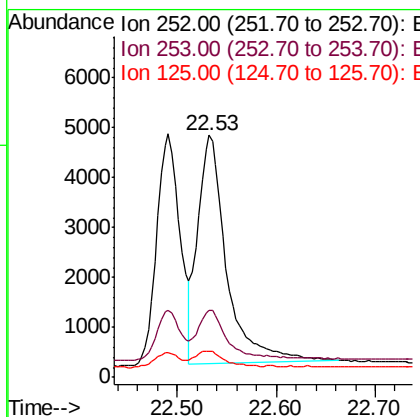
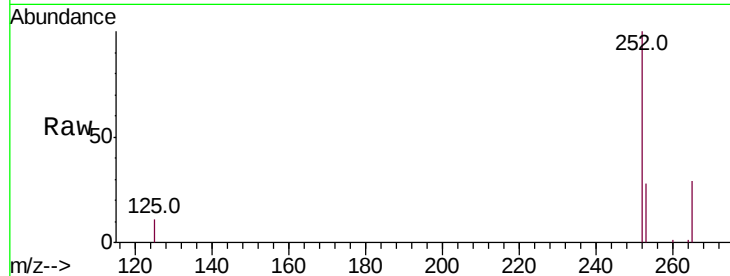
Lab File: BN011586.D

Acq: 22 Aug 2020 14:32

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion:252 Resp: 9374

Ion	Ratio	Lower	Upper
252	100		
253	27.7	25.5	38.3
125	10.8	10.2	15.4



#38

Benzo(k)fluoranthene

Concen: 0.371 ng

RT: 22.53 min Scan# 2242

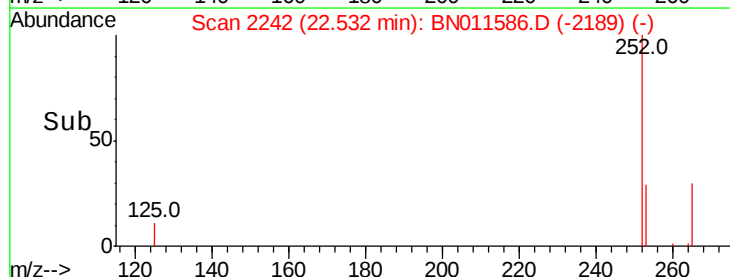
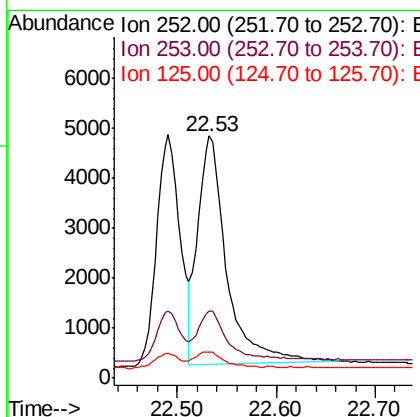
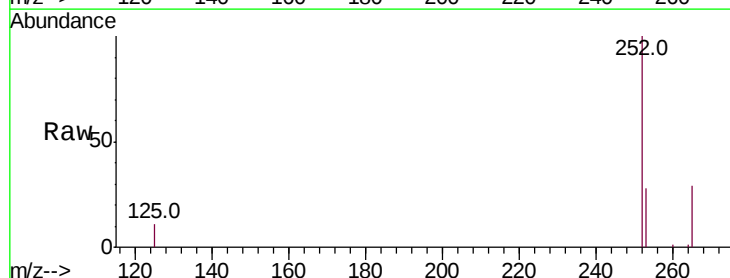
Delta R.T. -0.01 min

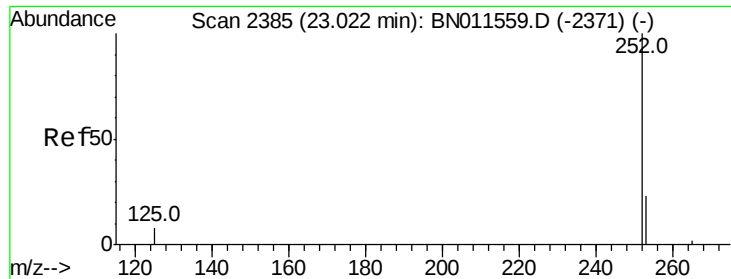
Lab File: BN011586.D

Acq: 22 Aug 2020 14:32

Tgt Ion:252 Resp: 9374

Ion	Ratio	Lower	Upper
252	100		
253	27.7	25.8	38.6
125	10.8	10.8	16.2





#39

Benzo(a)pyrene

Concen: 0.351 ng

RT: 23.01 min Scan# 2383

Delta R.T. -0.01 min

Lab File: BN011586.D

Acq: 22 Aug 2020 14:32

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

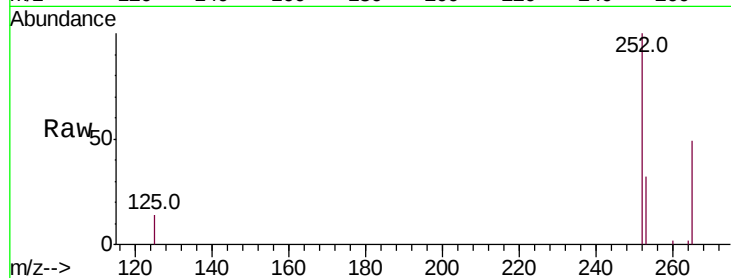
Tot Ion:252 Resp: 6899

Ion Ratio Lower Upper

252 100

253 31.6 31.8 47.8#

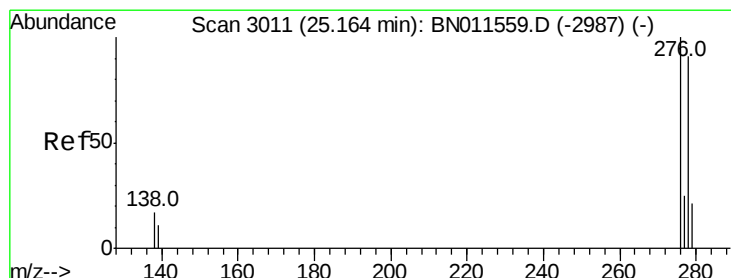
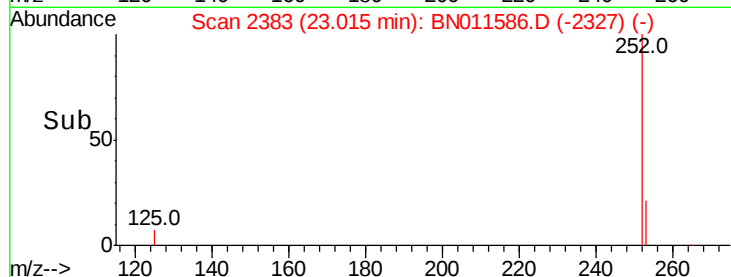
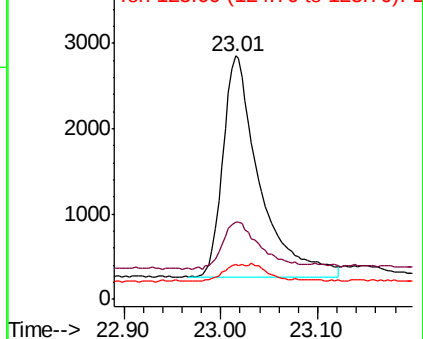
125 14.3 15.4 23.0#



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: 0.406 ng

RT: 25.15 min Scan# 3007

Delta R.T. -0.01 min

Lab File: BN011586.D

Acq: 22 Aug 2020 14:32

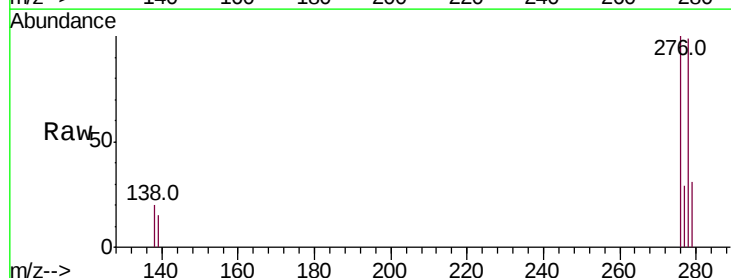
Tgt Ion:278 Resp: 6672

Ion Ratio Lower Upper

278 100

139 14.6 14.0 21.0

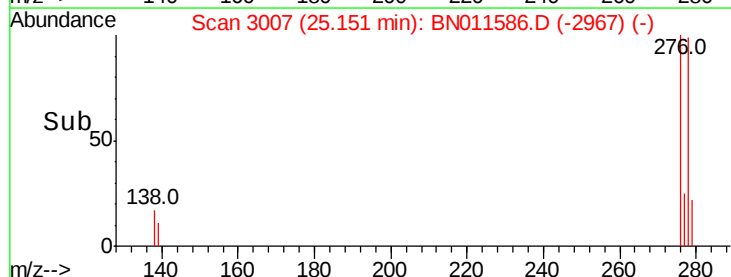
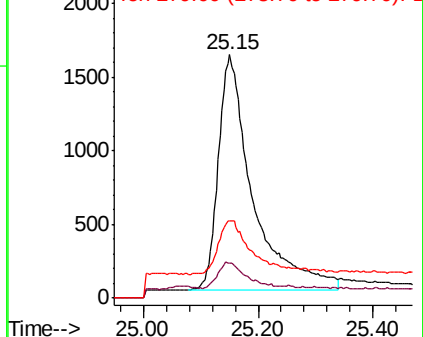
279 31.7 32.4 48.6#

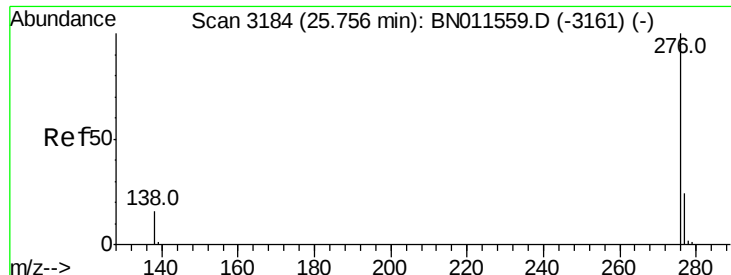


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.394 ng

RT: 25.74 min Scan# 3180

Delta R.T. -0.01 min

Lab File: BN011586.D

Acq: 22 Aug 2020 14:32

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

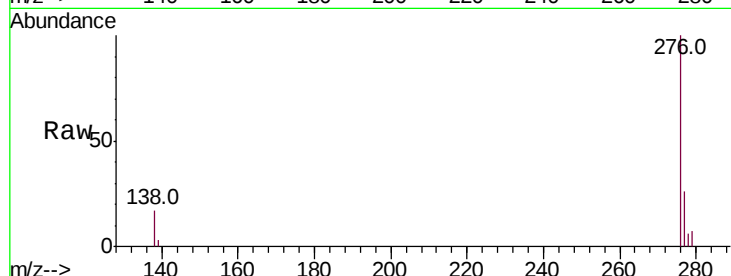
Tot Ion:276 Resp: 7729

Ion Ratio Lower Upper

276 100

277 26.0 22.1 33.1

138 17.0 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

