

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082120\
 Data File : BN011597.D
 Acq On : 22 Aug 2020 21:10
 Operator : CG/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDC00.4EC

Quant Time: Aug 24 01:26:01 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	2568	0.40	ng	0.00
7) Naphthalene-d8	10.14	136	9398	0.40	ng	-0.01
13) Acenaphthene-d10	14.03	164	4513	0.40	ng	0.00
19) Phenanthrene-d10	16.79	188	10153	0.40	ng	0.00
29) Chrysene-d12	21.00	240	10957	0.40	ng	-0.01
36) Perylene-d12	23.10	264	11753	0.40	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	2364	0.43	ng	0.00
5) Phenol-d6	6.60	99	2578	0.47	ng	-0.02
8) Nitrobenzene-d5	8.54	82	2220	0.36	ng	-0.01
11) 2-Methylnaphthalene-d10	11.73	152	5161	0.31	ng	-0.02
14) 2,4,6-Tribromophenol	15.54	330	757	0.34	ng	-0.01
15) 2-Fluorobiphenyl	12.63	172	7703	0.42	ng	-0.03
27) Fluoranthene-d10	18.83	212	11182	0.33	ng	0.00
31) Terphenyl-d14	19.45	244	9300	0.33	ng	0.00

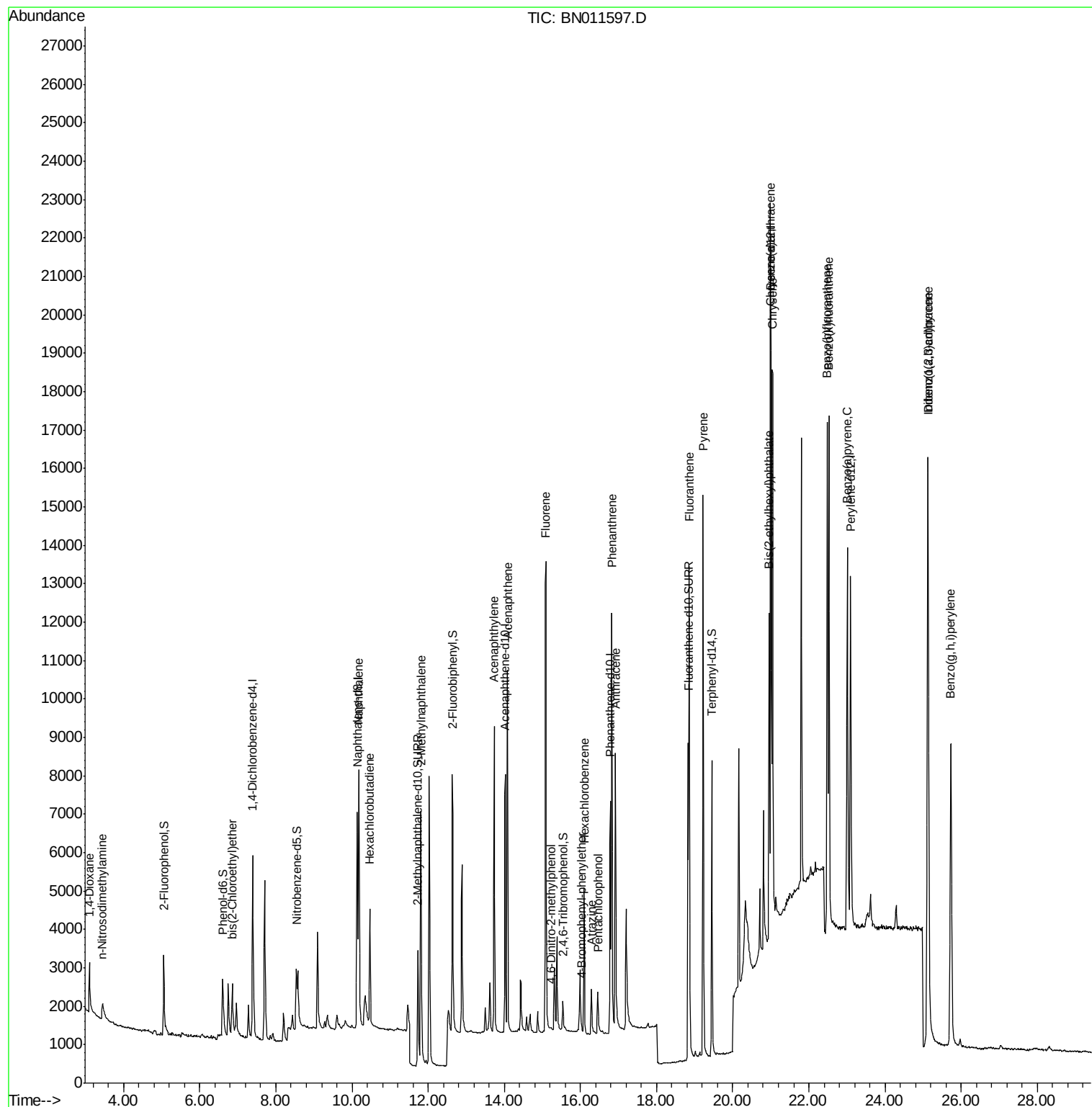
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.10	88	1264	0.360	ng	# 100
3) n-Nitrosodimethylamine	3.45	42	558	0.386	ng	# 84
6) bis(2-Chloroethyl)ether	6.85	93	2177	0.402	ng	93
9) Naphthalene	10.17	128	10259	0.377	ng	96
10) Hexachlorobutadiene	10.47	225	2581	0.339	ng	# 98
12) 2-Methylnaphthalene	11.81	142	5986	0.319	ng	96
16) Acenaphthylene	13.74	152	8990	0.392	ng	99
17) Acenaphthene	14.09	154	5643	0.375	ng	99
18) Fluorene	15.08	166	7041	0.353	ng	99
20) 4,6-Dinitro-2-methylphenol	15.22	198	120	0.234	ng	# 82
21) 4-Bromophenyl-phenylether	16.02	248	377	0.170	ng	# 87
22) Hexachlorobenzene	16.09	284	2807	0.359	ng	98
23) Atrazine	16.29	200	1339	0.253	ng	95
24) Pentachlorophenol	16.46	266	768	0.315	ng	95
25) Phenanthrene	16.82	178	11280	0.353	ng	99
26) Anthracene	16.92	178	9749	0.366	ng	99
28) Fluoranthene	18.86	202	13141	0.320	ng	99
30) Pyrene	19.22	202	14280	0.328	ng	99
32) Benzo(a)anthracene	20.99	228	14074	0.391	ng	98
33) Chrysene	21.05	228	15142	0.370	ng	98
34) Bis(2-ethylhexyl)phthalate	20.95	149	7482	0.457	ng	100
35) Indeno(1,2,3-cd)pyrene	25.12	276	18473	0.497	ng	97
37) Benzo(b)fluoranthene	22.48	252	15312	0.352	ng	92
38) Benzo(k)fluoranthene	22.53	252	16273	0.314	ng	94
39) Benzo(a)pyrene	23.01	252	14887	0.370	ng	# 84
40) Dibenzo(a,h)anthracene	25.13	278	14700	0.437	ng	# 84
41) Benzo(g,h,i)perylene	25.73	276	16005	0.399	ng	96

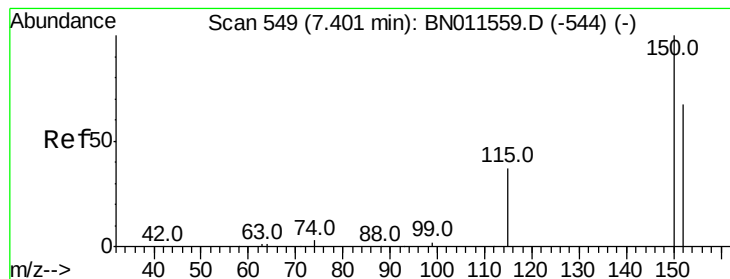
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082120\
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Instrument :
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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: BN011597.D

Acq: 22 Aug 2020 21:10

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

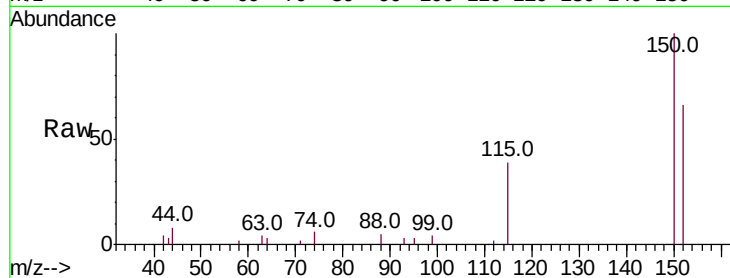
Tot Ion:152 Resp: 2568

Ion Ratio Lower Upper

152 100

150 152.4 117.1 175.7

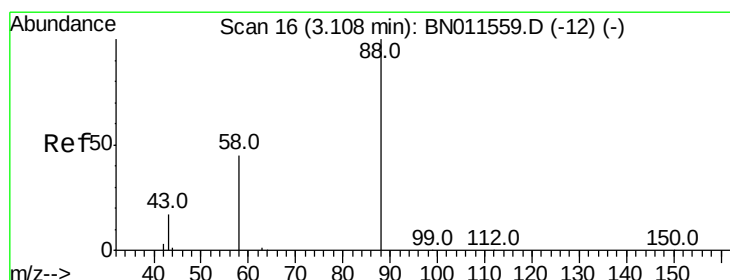
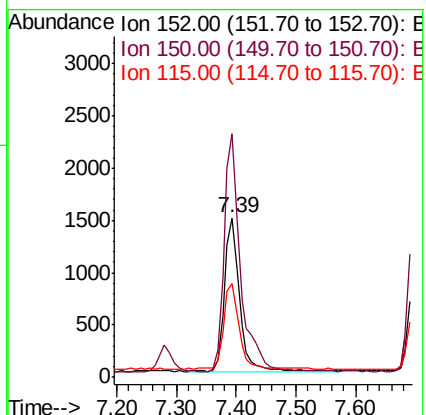
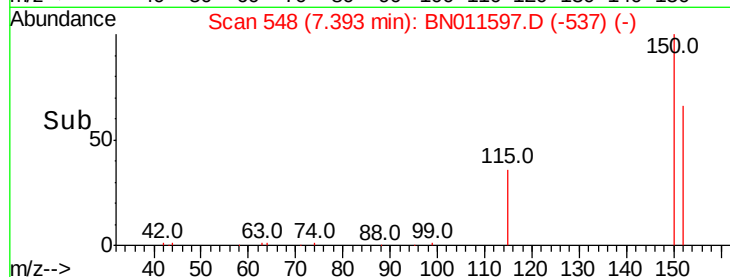
115 58.8 48.7 73.1



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: 0.360 ng

RT: 3.10 min Scan# 15

Delta R.T. -0.01 min

Lab File: BN011597.D

Acq: 22 Aug 2020 21:10

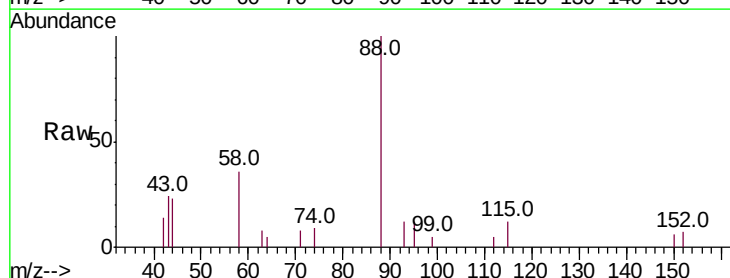
Tgt Ion: 88 Resp: 1264

Ion Ratio Lower Upper

88 100

58 44.9 0.0 0.0#

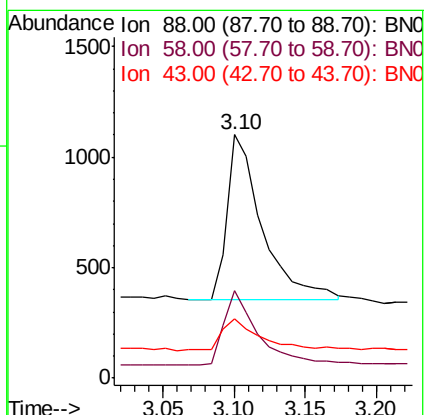
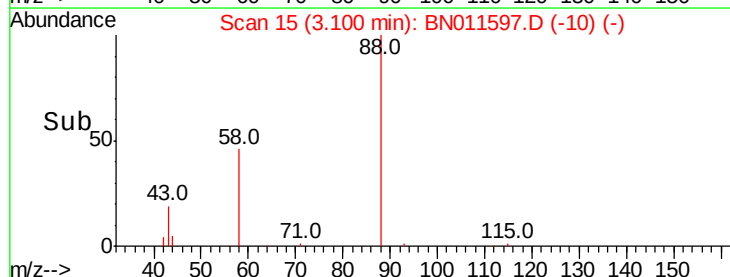
43 19.6 0.0 0.0#

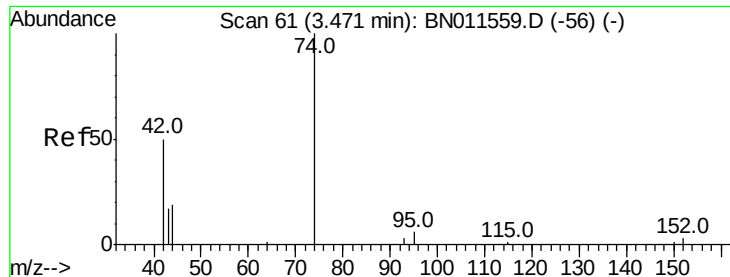


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.386 ng

RT: 3.45 min Scan# 58

Delta R.T. -0.02 min

Lab File: BN011597.D

Acq: 22 Aug 2020 21:10

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

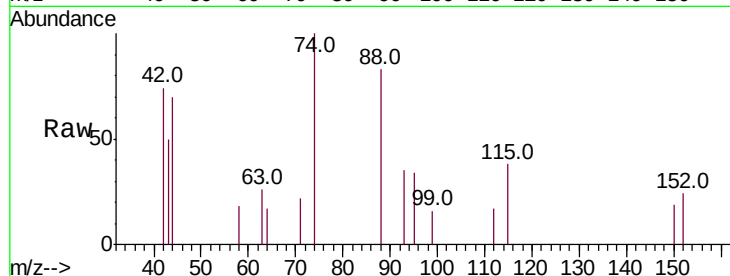
Tot Ion: 42 Resp: 558

Ion Ratio Lower Upper

42 100

74 191.0 169.0 253.4

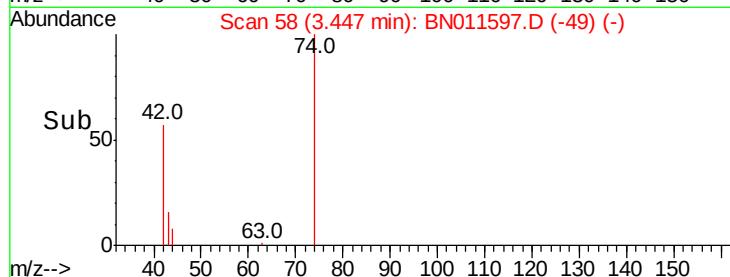
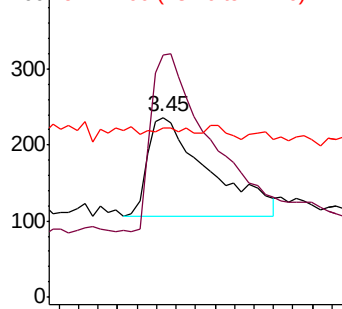
44 3.9 21.6 32.4#



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: 0.431 ng

RT: 5.06 min Scan# 258

Delta R.T. -0.01 min

Lab File: BN011597.D

Acq: 22 Aug 2020 21:10

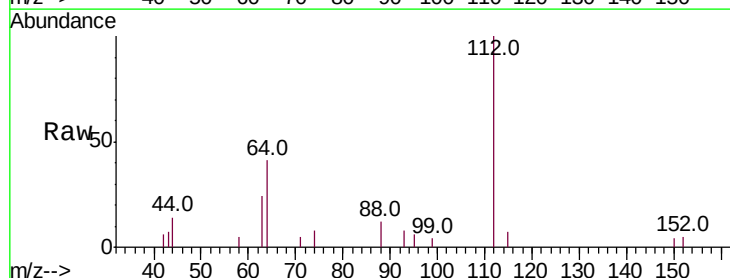
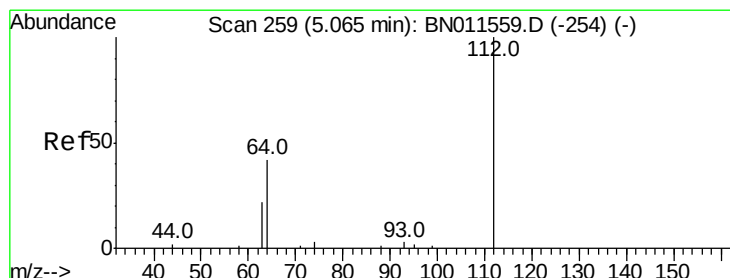
Tgt Ion: 112 Resp: 2364

Ion Ratio Lower Upper

112 100

64 42.3 33.9 50.9

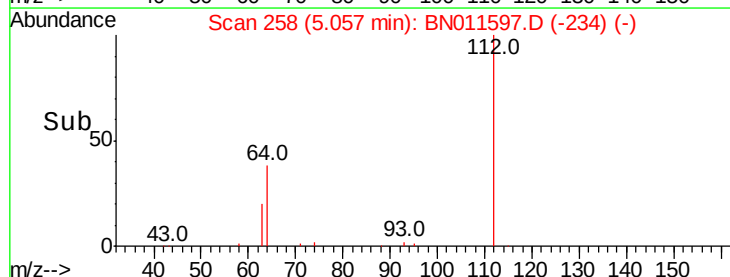
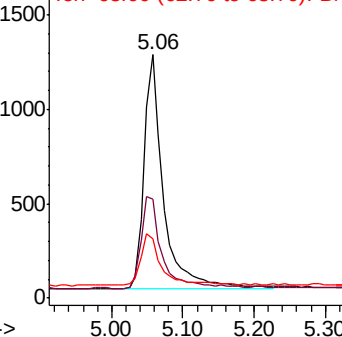
63 23.4 17.7 26.5

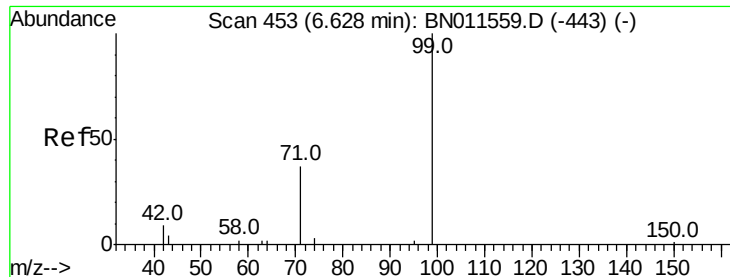


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BN0

Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.466 ng

RT: 6.60 min Scan# 450

Delta R.T. -0.02 min

Lab File: BN011597.D

Acq: 22 Aug 2020 21:10

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

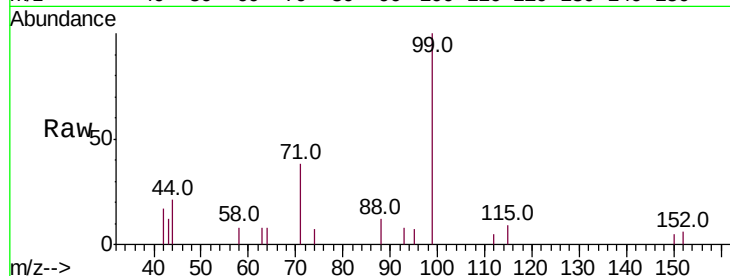
Tot Ion: 99 Resp: 2578

Ion Ratio Lower Upper

99 100

42 10.0 9.0 13.4

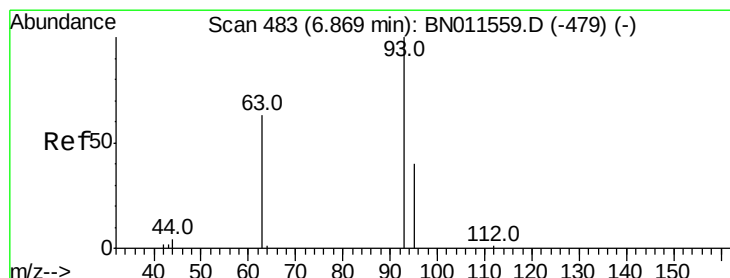
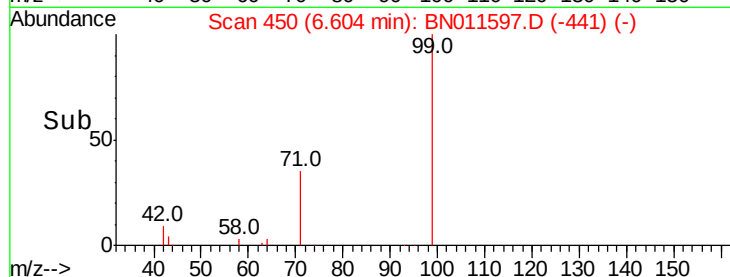
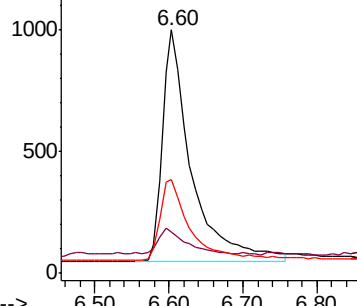
71 37.3 30.4 45.6



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

bis(2-Chloroethyl)ether

Concen: 0.402 ng

RT: 6.85 min Scan# 481

Delta R.T. -0.02 min

Lab File: BN011597.D

Acq: 22 Aug 2020 21:10

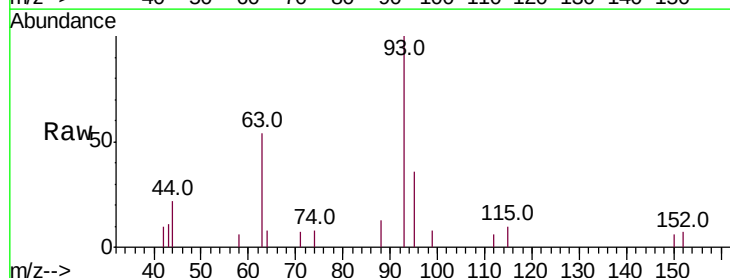
Tgt Ion: 93 Resp: 2177

Ion Ratio Lower Upper

93 100

63 44.4 32.9 49.3

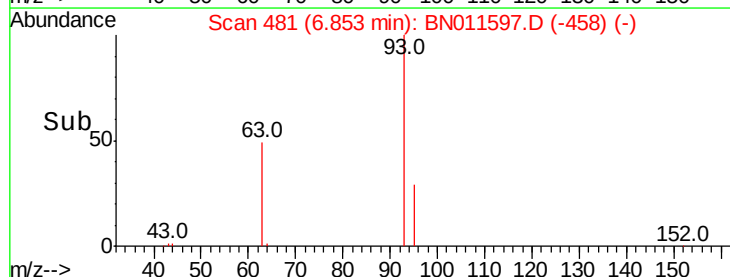
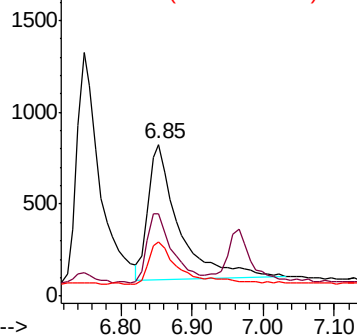
95 26.6 25.3 37.9

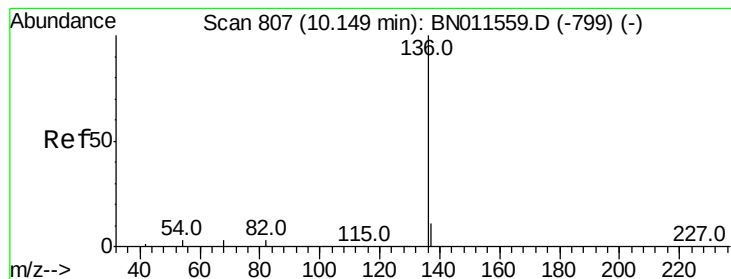


Abundance Ion 93.00 (92.70 to 93.70): BN011559.D (-479) (-)

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

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





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.14 min Scan# 806

Delta R.T. -0.01 min

Lab File: BN011597.D

Acq: 22 Aug 2020 21:10

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 9398

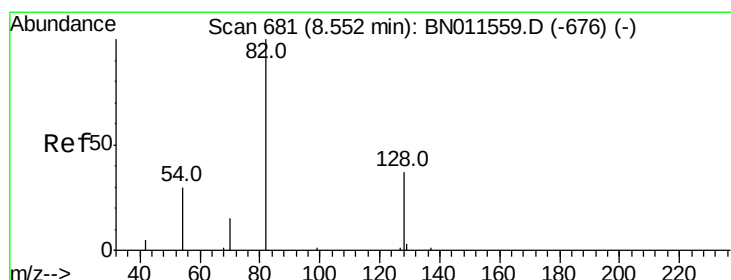
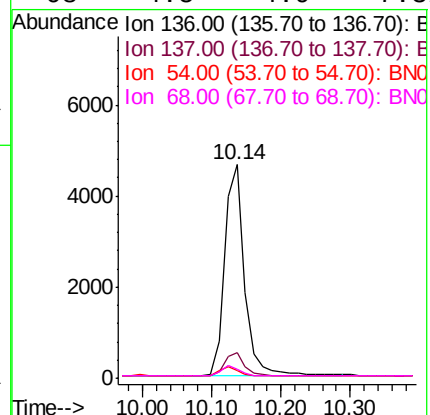
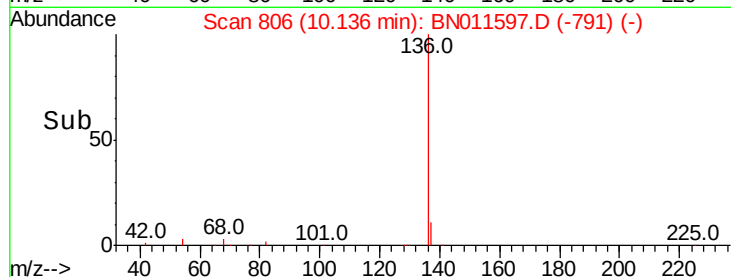
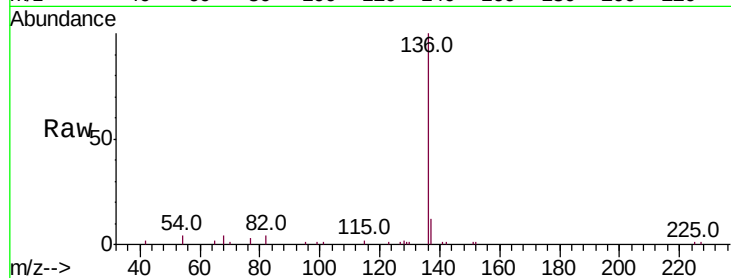
Ion Ratio Lower Upper

136 100

137 12.1 11.0 16.4

54 3.7 4.3 6.5#

68 4.5 4.9 7.3#



#8

Nitrobenzene-d5

Concen: 0.359 ng

RT: 8.54 min Scan# 680

Delta R.T. -0.01 min

Lab File: BN011597.D

Acq: 22 Aug 2020 21:10

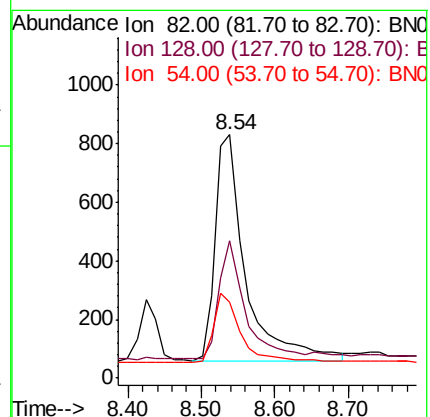
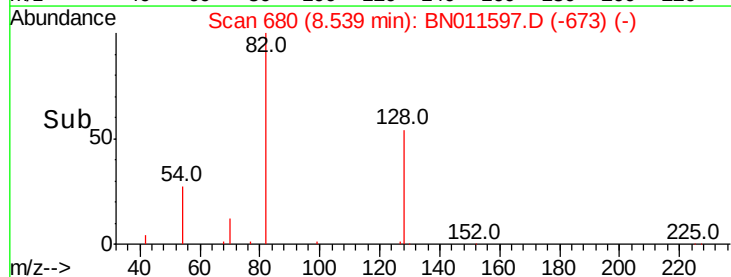
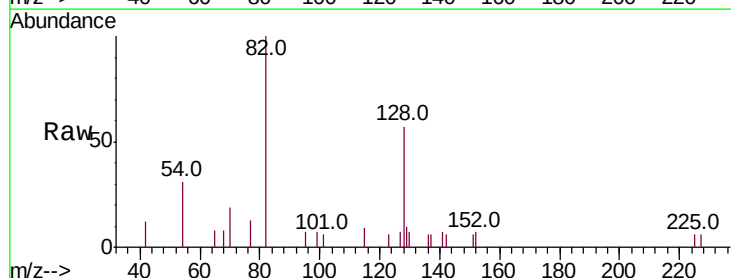
Tgt Ion: 82 Resp: 2220

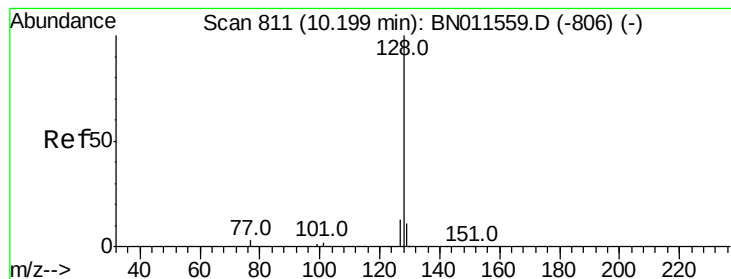
Ion Ratio Lower Upper

82 100

128 56.6 41.7 62.5

54 31.0 34.4 51.6#





#9

Naphthalene

Concen: 0.377 ng

RT: 10.17 min Scan# 809

Delta R.T. -0.03 min

Lab File: BN011597.D

Acq: 22 Aug 2020 21:10

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

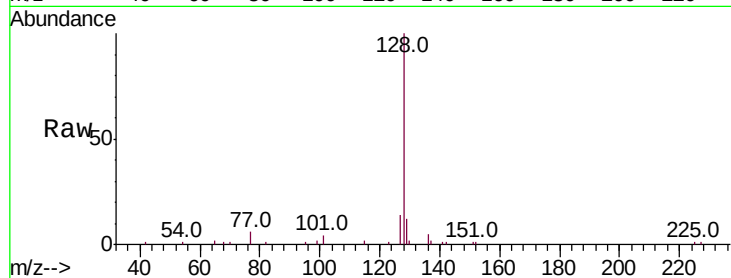
Tot Ion:128 Resp: 10259

Ion Ratio Lower Upper

128 100

129 11.7 10.8 16.2

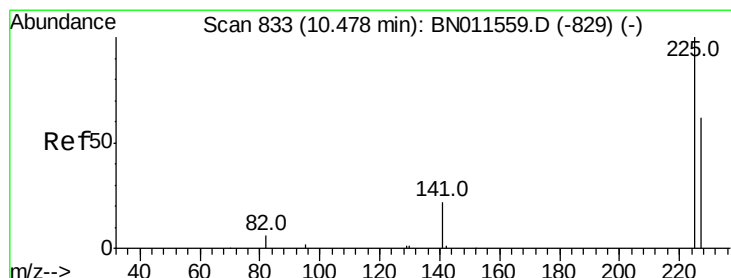
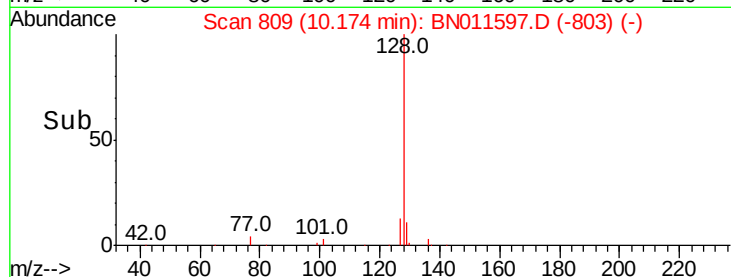
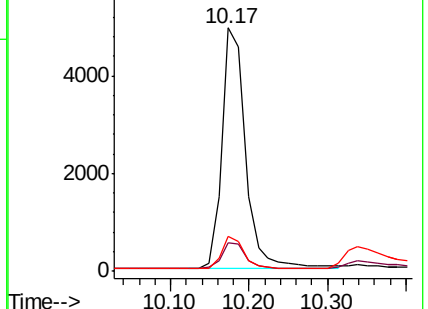
127 14.2 12.3 18.5



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: 0.339 ng

RT: 10.47 min Scan# 832

Delta R.T. -0.01 min

Lab File: BN011597.D

Acq: 22 Aug 2020 21:10

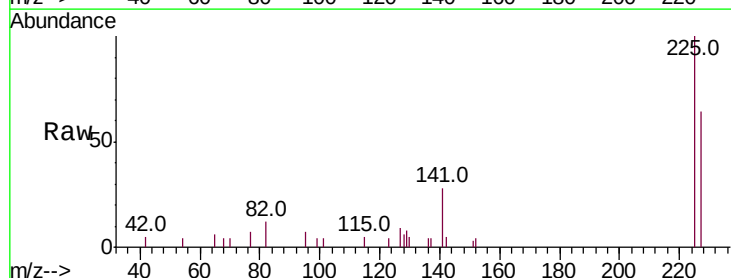
Tgt Ion:225 Resp: 2581

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

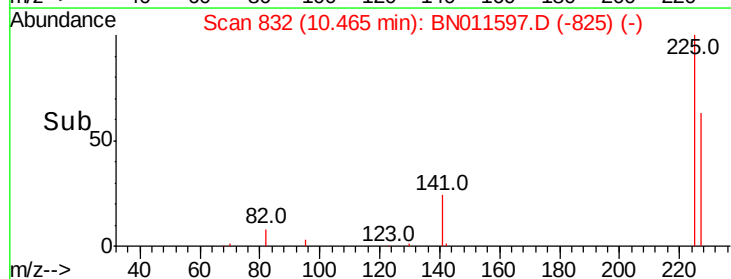
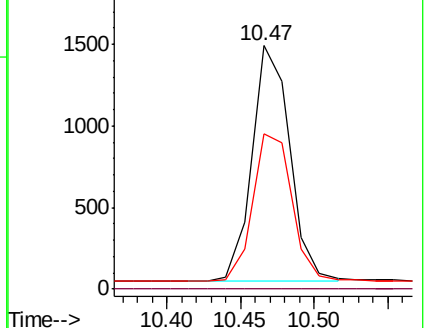
227 65.3 51.3 76.9

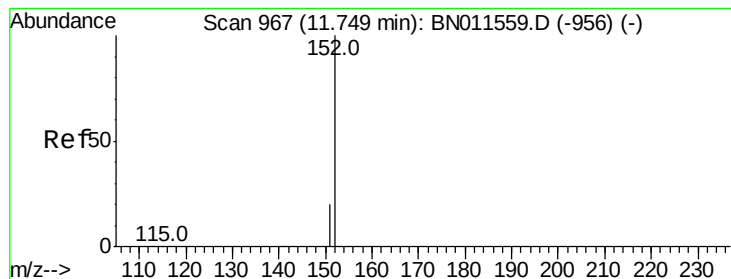


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

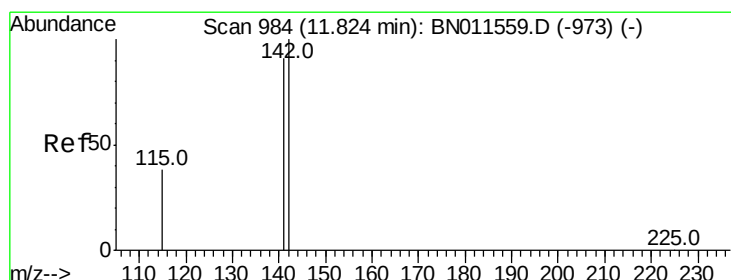
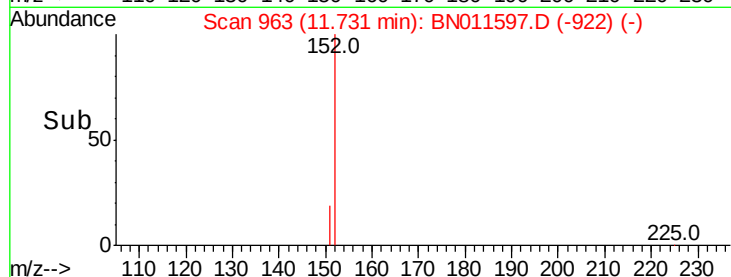
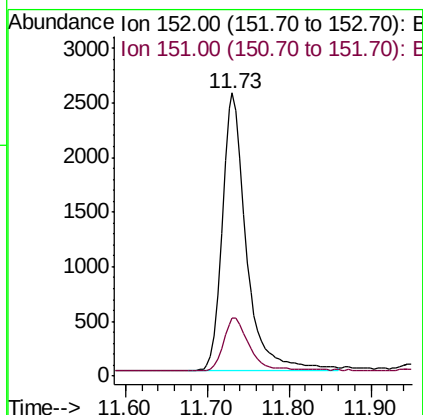
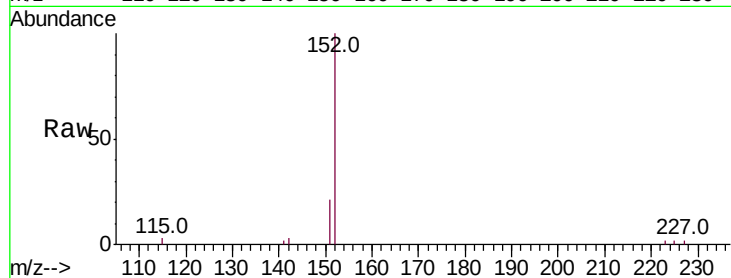




#11
2-Methylnaphthalene-d10
Concen: 0.307 ng
RT: 11.73 min Scan# 963
Delta R.T. -0.02 min
Lab File: BN011597.D
Acq: 22 Aug 2020 21:10

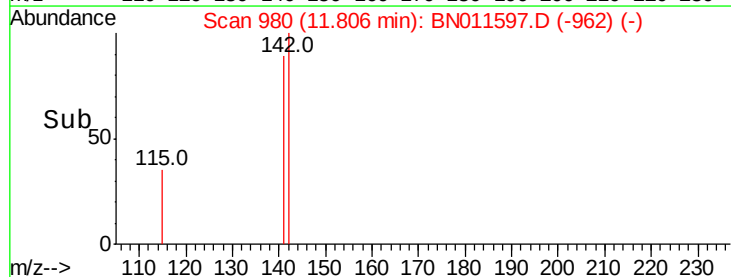
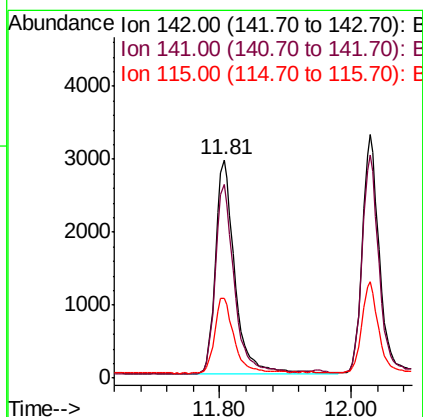
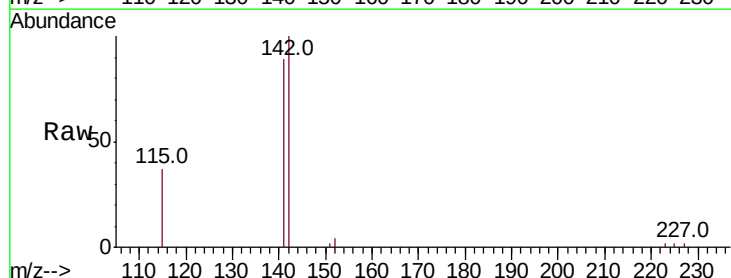
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

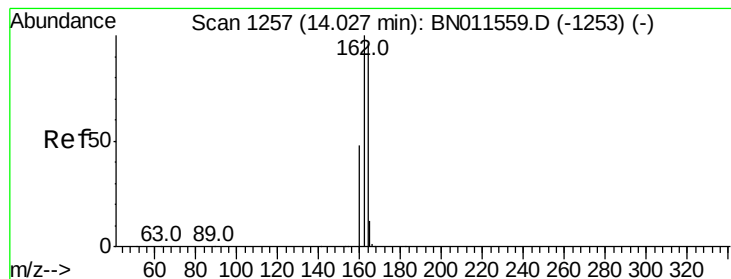
Tot Ion:152 Resp: 5161
Ion Ratio Lower Upper
152 100
151 20.7 16.6 24.8



#12
2-Methylnaphthalene
Concen: 0.319 ng
RT: 11.81 min Scan# 980
Delta R.T. -0.02 min
Lab File: BN011597.D
Acq: 22 Aug 2020 21:10

Tgt Ion:142 Resp: 5986
Ion Ratio Lower Upper
142 100
141 89.0 73.0 109.6
115 36.9 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: BN011597.D

Acq: 22 Aug 2020 21:10

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

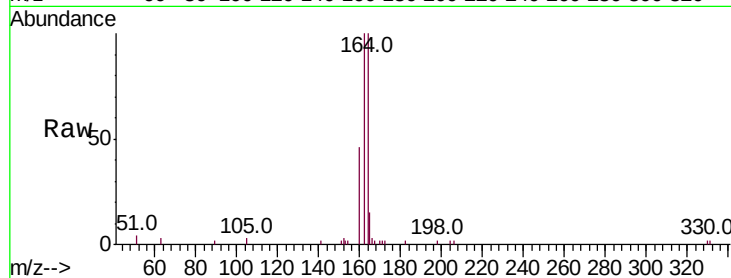
Tot Ion:164 Resp: 4513

Ion Ratio Lower Upper

164 100

162 99.8 83.7 125.5

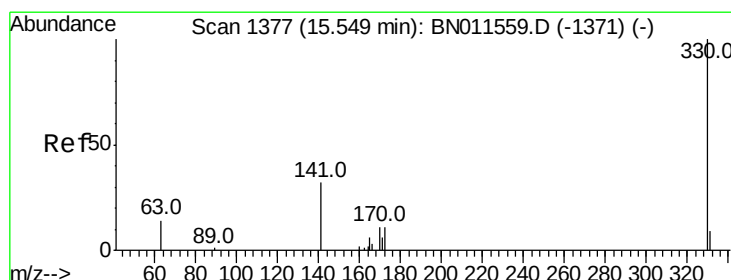
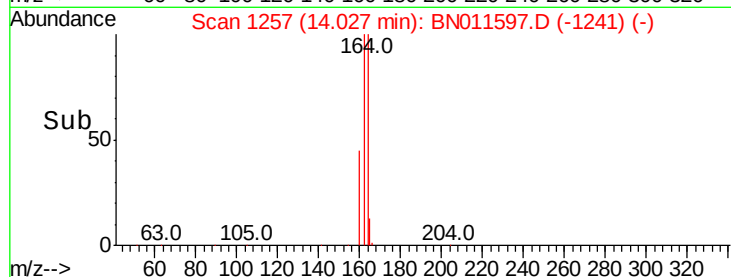
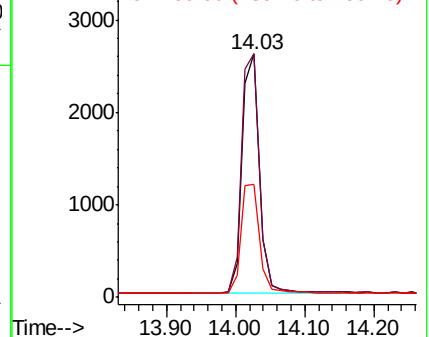
160 46.4 41.1 61.7



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: 0.337 ng

RT: 15.54 min Scan# 1376

Delta R.T. -0.01 min

Lab File: BN011597.D

Acq: 22 Aug 2020 21:10

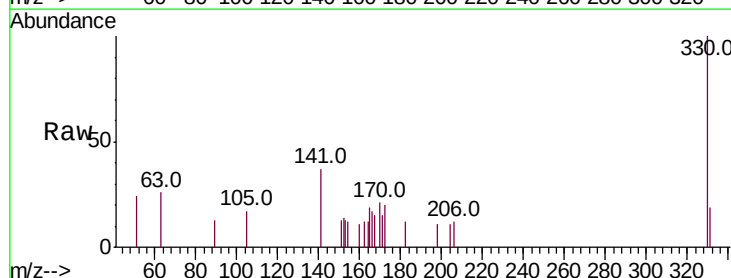
Tgt Ion:330 Resp: 757

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

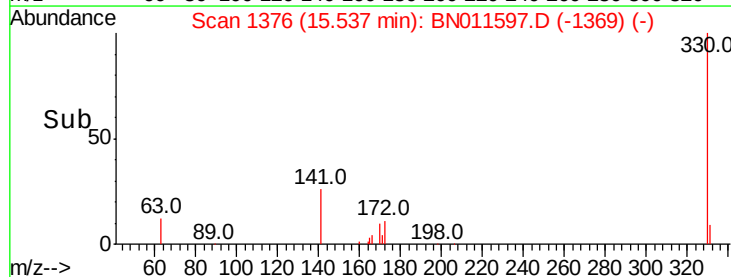
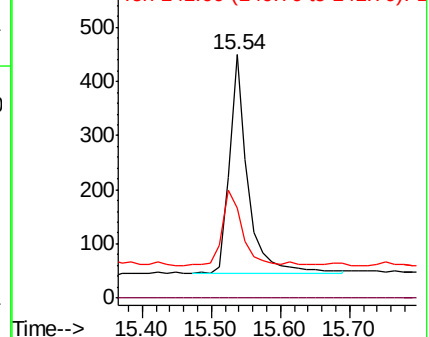
141 35.8 34.6 52.0

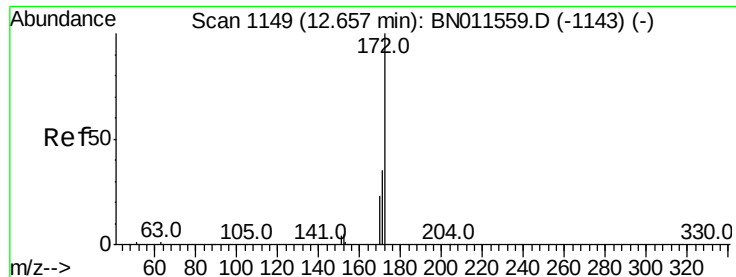


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

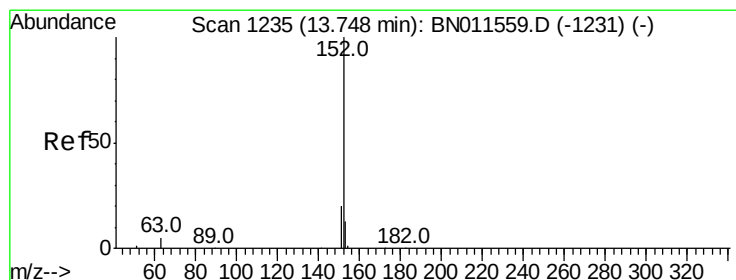
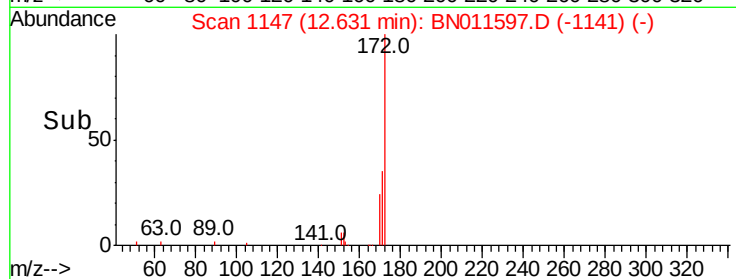
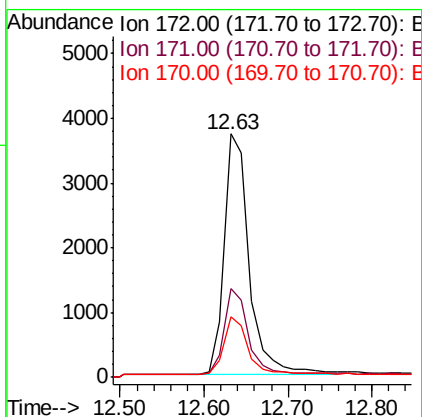
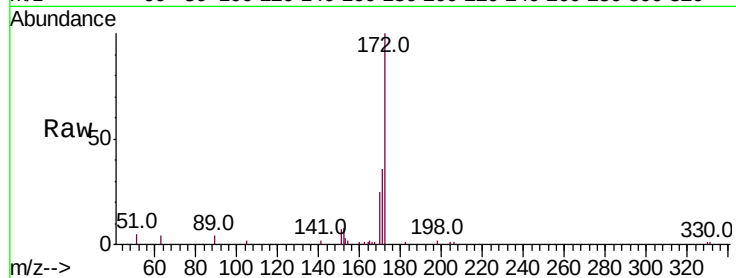




#15
2-Fluorobiphenyl
Concen: 0.415 ng
RT: 12.63 min Scan# 1147
Delta R.T. -0.03 min
Lab File: BN011597.D
Acq: 22 Aug 2020 21:10

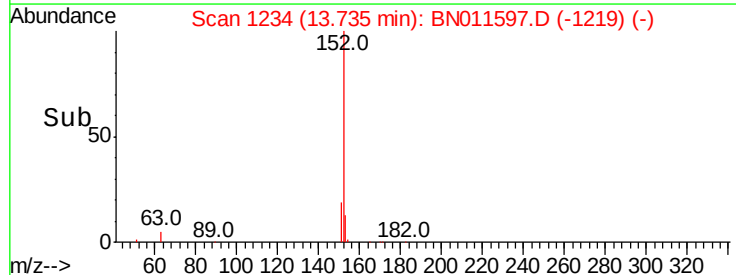
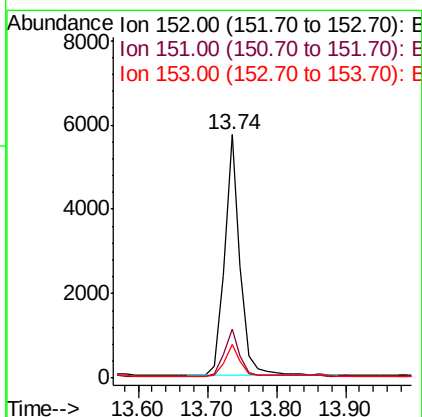
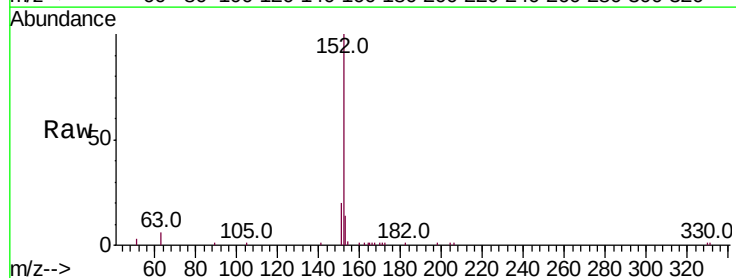
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

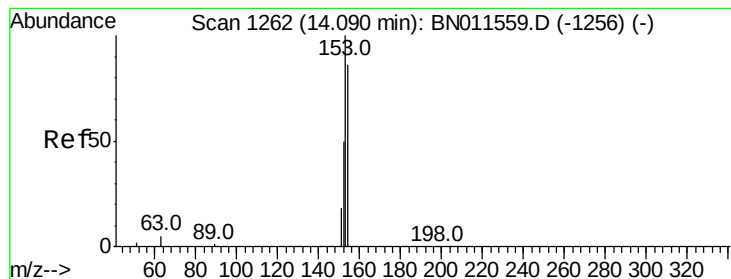
Tot Ion:172 Resp: 7703
Ion Ratio Lower Upper
172 100
171 36.4 29.4 44.0
170 24.7 20.1 30.1



#16
Acenaphthylene
Concen: 0.392 ng
RT: 13.74 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BN011597.D
Acq: 22 Aug 2020 21:10

Tgt Ion:152 Resp: 8990
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.8
153 12.9 10.6 16.0





#17

Acenaphthene

Concen: 0.375 ng

RT: 14.09 min Scan# 1262

Delta R.T. -0.00 min

Lab File: BN011597.D

Acq: 22 Aug 2020 21:10

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

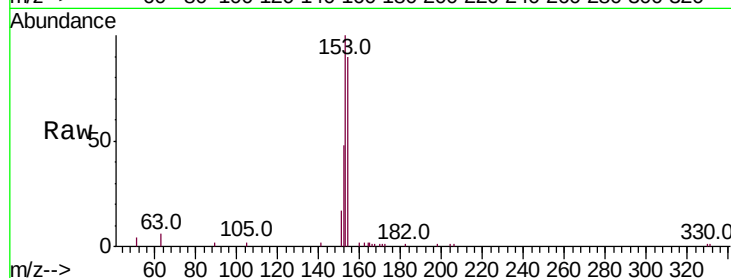
Tot Ion:154 Resp: 5643

Ion Ratio Lower Upper

154 100

153 115.4 91.8 137.8

152 56.8 46.3 69.5

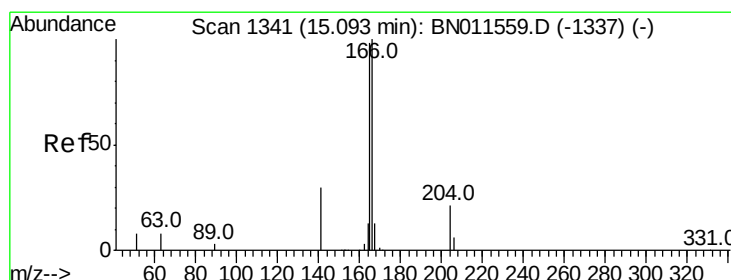
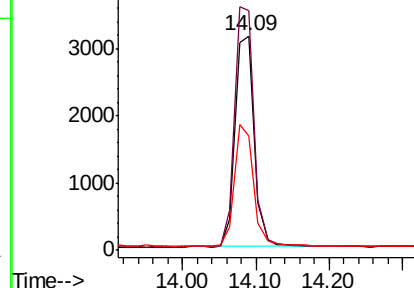
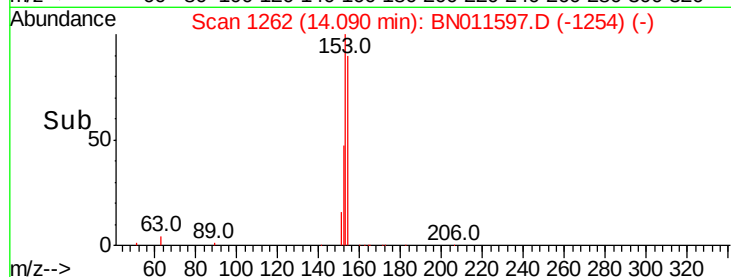


Abundance

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: 0.353 ng

RT: 15.08 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BN011597.D

Acq: 22 Aug 2020 21:10

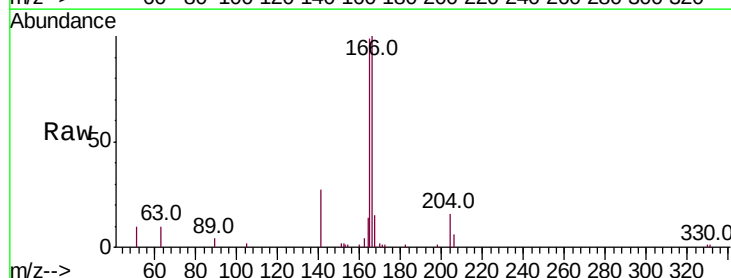
Tgt Ion:166 Resp: 7041

Ion Ratio Lower Upper

166 100

165 98.6 78.2 117.2

167 13.6 10.7 16.1

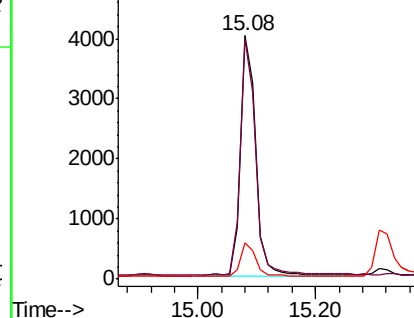
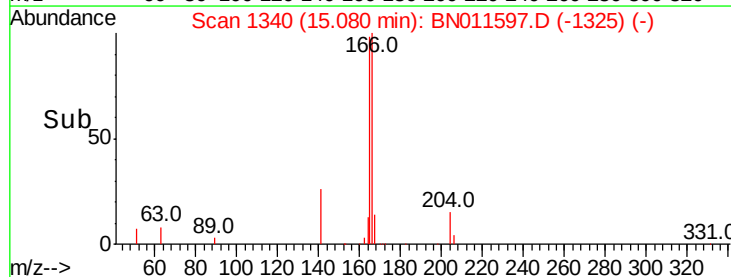


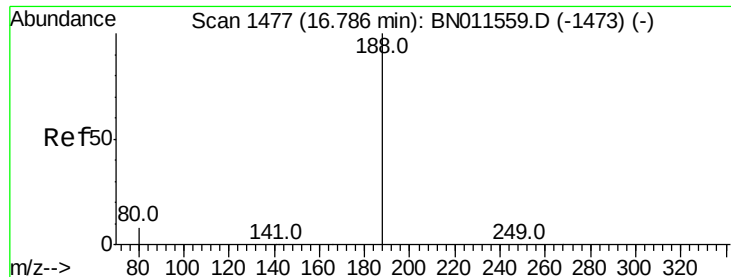
Abundance

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: BN011597.D

Acq: 22 Aug 2020 21:10

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

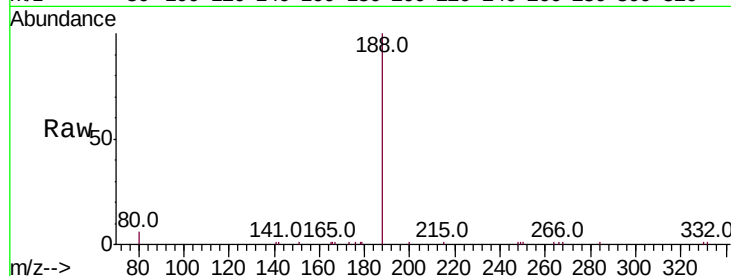
Tot Ion:188 Resp: 10153

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

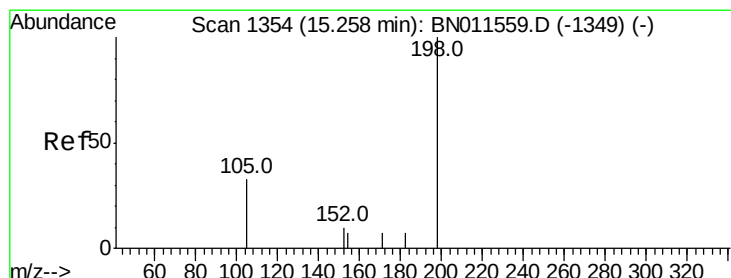
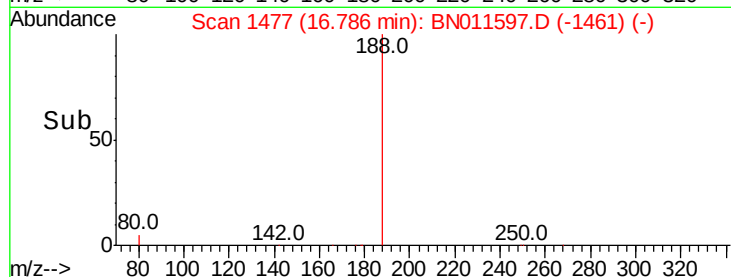
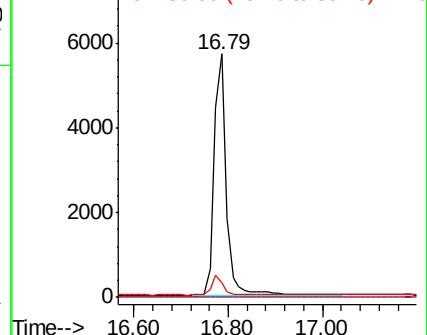
80 6.2 7.6 11.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNO

Ion 80.00 (79.70 to 80.70): BNO



#20

4,6-Dinitro-2-methylphenol

Concen: 0.234 ng

RT: 15.22 min Scan# 1351

Delta R.T. -0.04 min

Lab File: BN011597.D

Acq: 22 Aug 2020 21:10

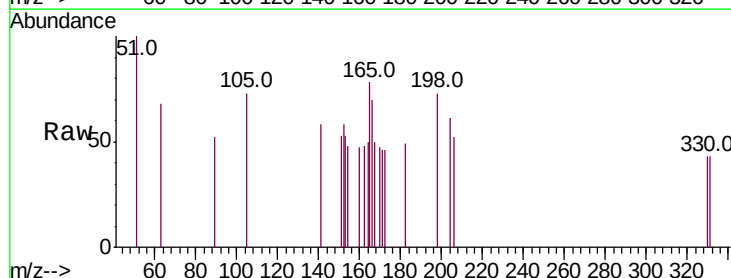
Tgt Ion:198 Resp: 120

Ion Ratio Lower Upper

198 100

51 136.4 89.4 134.2#

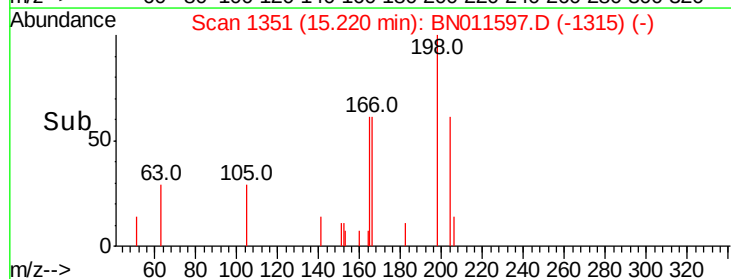
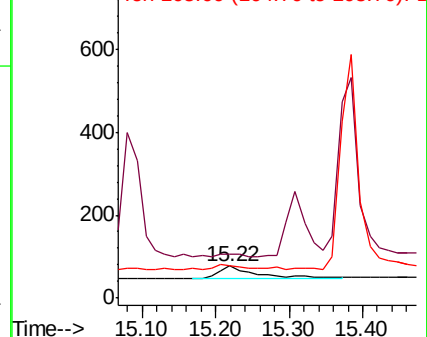
105 100.0 70.6 105.8

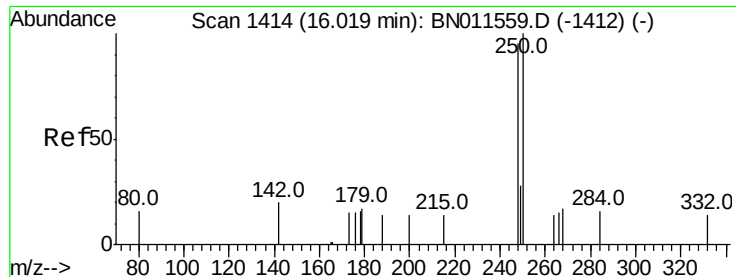


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNO

Ion 105.00 (104.70 to 105.70): E

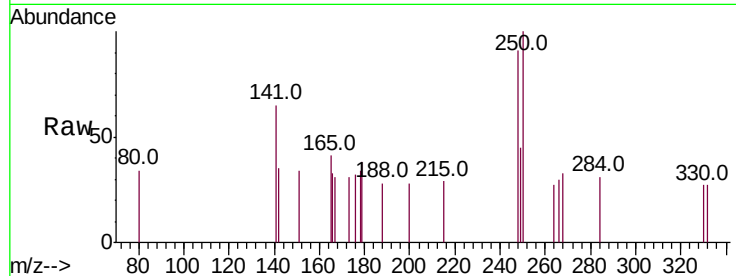




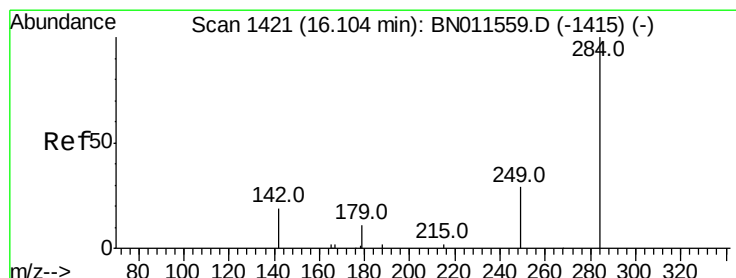
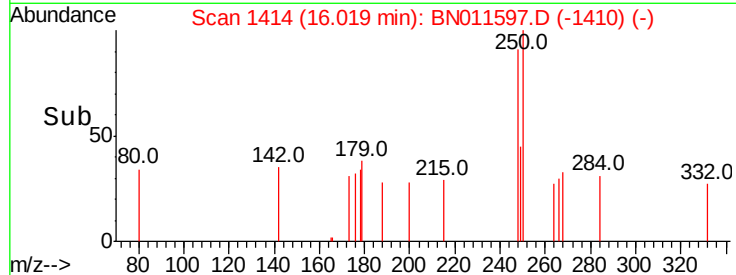
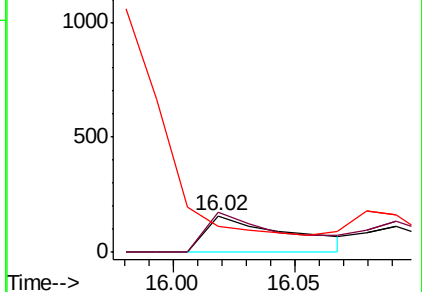
#21
4-Bromophenyl-phenylether
Concen: 0.170 ng
RT: 16.02 min Scan# 1414
Delta R.T. -0.00 min
Lab File: BN011597.D
Acq: 22 Aug 2020 21:10

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:248 Resp: 377
Ion Ratio Lower Upper
248 100
250 110.0 83.8 125.8
141 71.9 41.0 61.6#

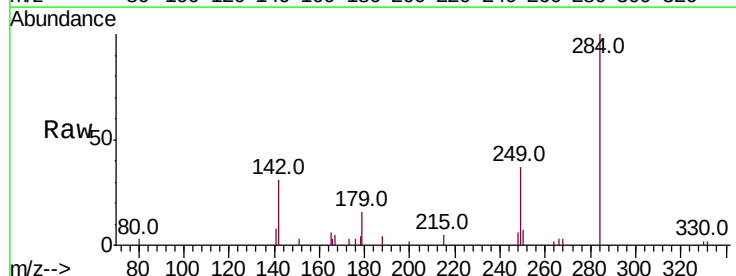


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

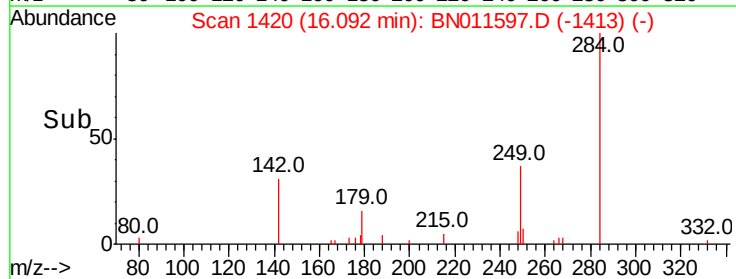
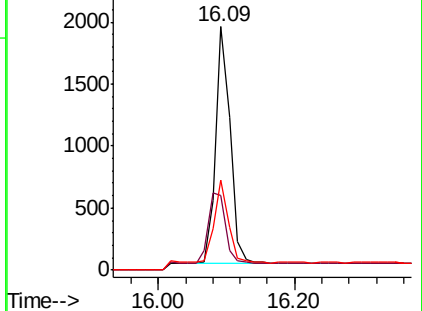


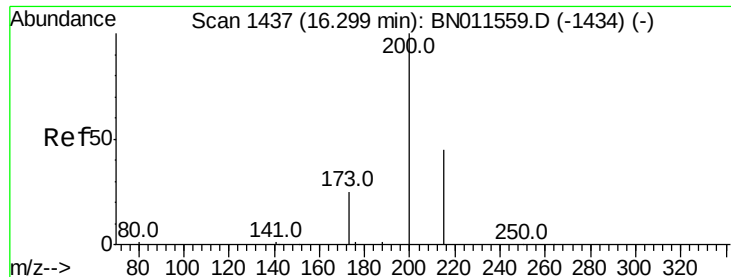
#22
Hexachlorobenzene
Concen: 0.359 ng
RT: 16.09 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BN011597.D
Acq: 22 Aug 2020 21:10

Tgt Ion:284 Resp: 2807
Ion Ratio Lower Upper
284 100
142 35.7 29.7 44.5
249 33.8 26.8 40.2



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





#23

Atrazine

Concen: 0.253 ng

RT: 16.29 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BN011597.D

Acq: 22 Aug 2020 21:10

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

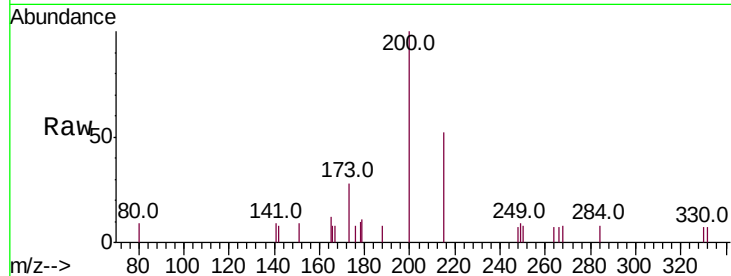
Tot Ion:200 Resp: 1339

Ion Ratio Lower Upper

200 100

173 28.2 27.7 41.5

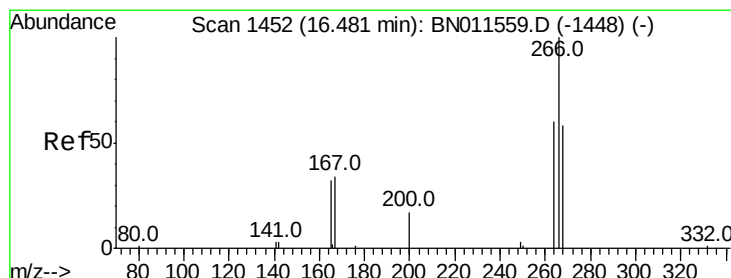
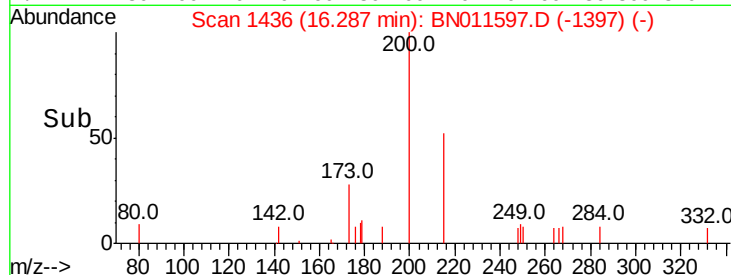
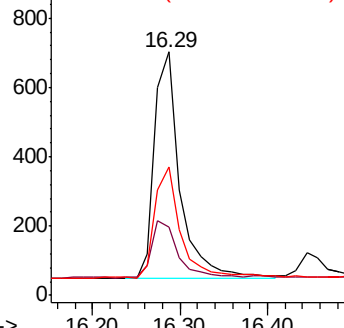
215 52.5 41.5 62.3



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: 0.315 ng

RT: 16.46 min Scan# 1450

Delta R.T. -0.02 min

Lab File: BN011597.D

Acq: 22 Aug 2020 21:10

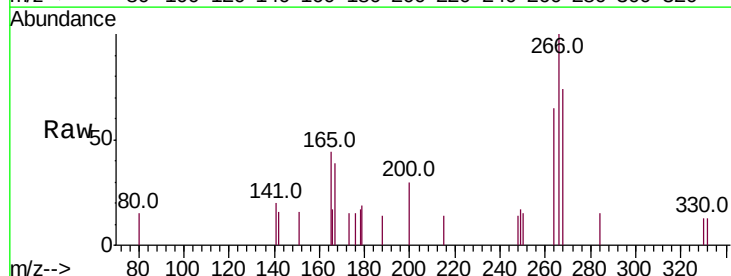
Tgt Ion:266 Resp: 768

Ion Ratio Lower Upper

266 100

264 63.9 48.7 73.1

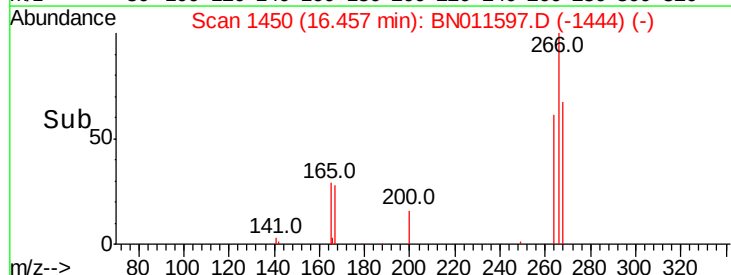
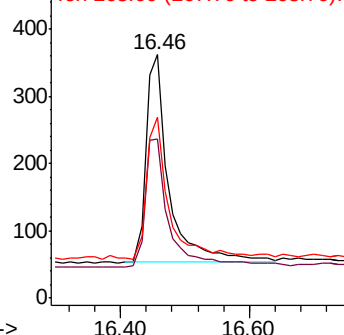
268 69.0 51.0 76.6

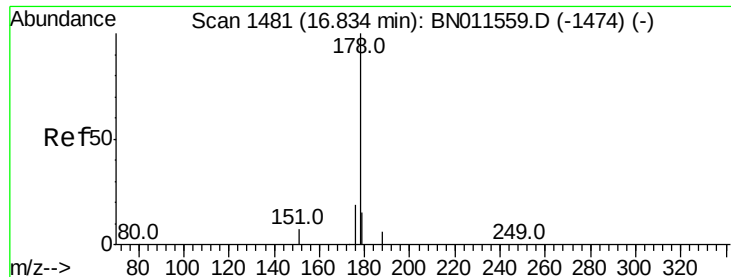


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Phenanthrene

Concen: 0.353 ng

RT: 16.82 min Scan# 1480

Delta R.T. -0.01 min

Lab File: BN011597.D

Acq: 22 Aug 2020 21:10

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

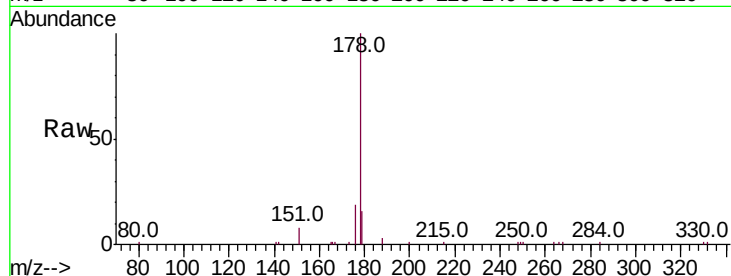
Tot Ion:178 Resp: 11280

Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.4

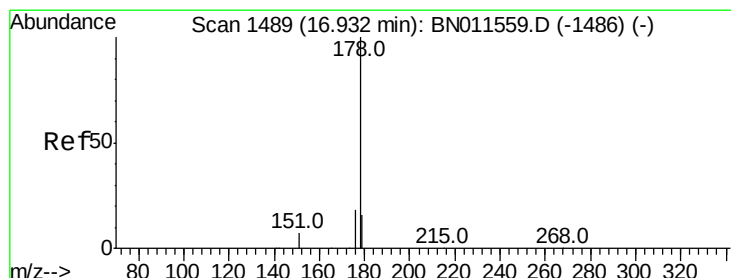
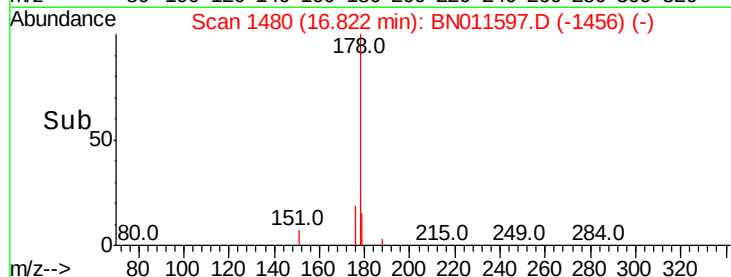
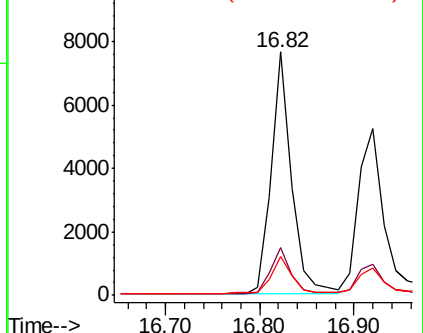
179 15.8 12.3 18.5



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: 0.366 ng

RT: 16.92 min Scan# 1488

Delta R.T. -0.01 min

Lab File: BN011597.D

Acq: 22 Aug 2020 21:10

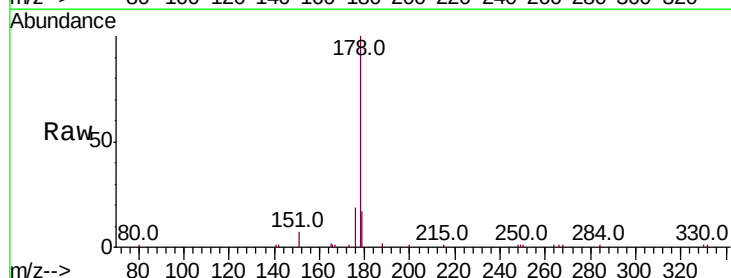
Tgt Ion:178 Resp: 9749

Ion Ratio Lower Upper

178 100

176 18.0 14.4 21.6

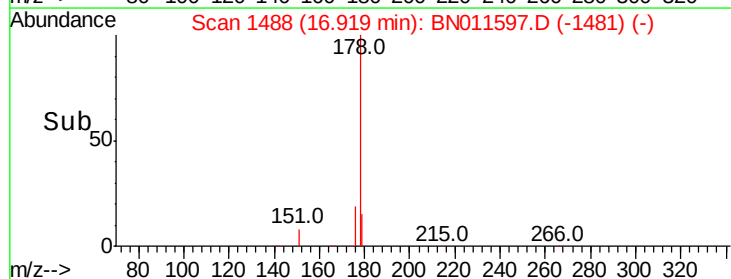
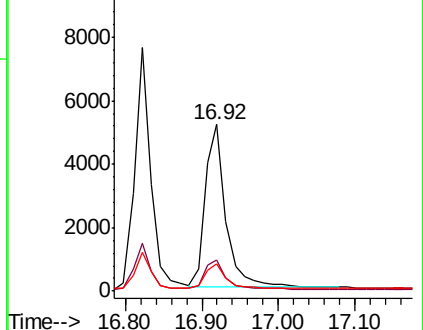
179 15.3 12.9 19.3

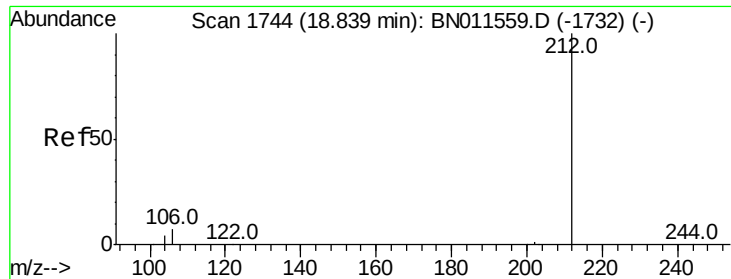


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

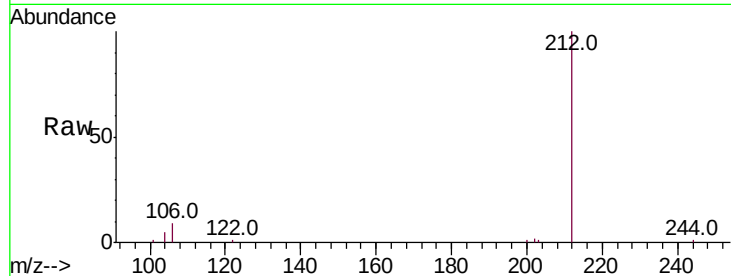




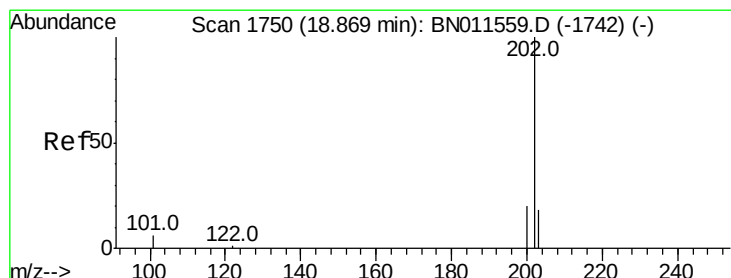
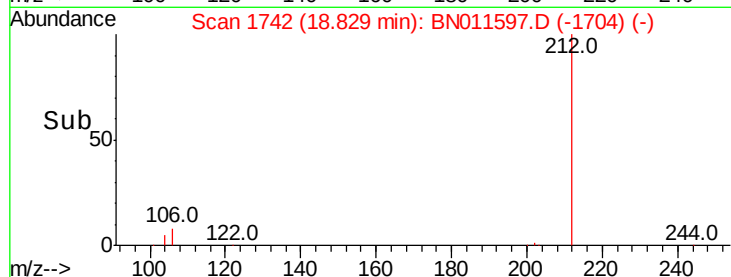
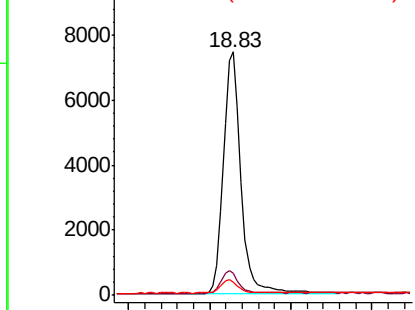
#27
 Fluoranthene-d10
 Concen: 0.327 ng
 RT: 18.83 min Scan# 1742
 Delta R.T. -0.01 min
 Lab File: BN011597.D
 Acq: 22 Aug 2020 21:10

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion:212 Resp: 11182
 Ion Ratio Lower Upper
 212 100
 106 9.1 6.2 9.2
 104 5.2 3.8 5.6

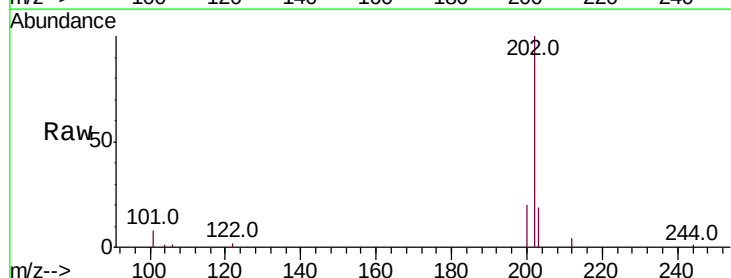


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

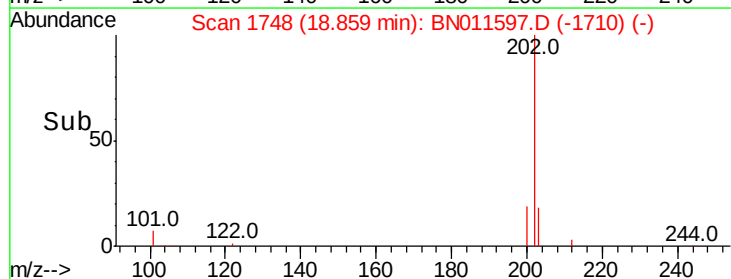
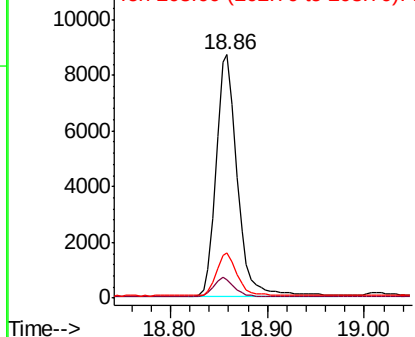


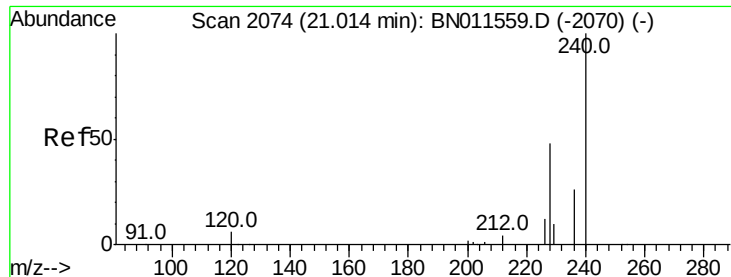
#28
 Fluoranthene
 Concen: 0.320 ng
 RT: 18.86 min Scan# 1748
 Delta R.T. -0.01 min
 Lab File: BN011597.D
 Acq: 22 Aug 2020 21:10

Tgt Ion:202 Resp: 13141
 Ion Ratio Lower Upper
 202 100
 101 7.7 5.2 7.8
 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: 21.00 min Scan# 2073

Delta R.T. -0.01 min

Lab File: BN011597.D

Acq: 22 Aug 2020 21:10

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

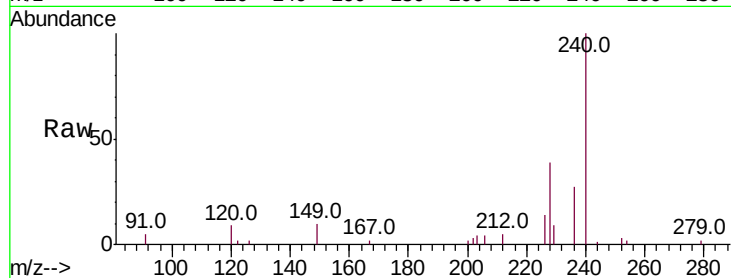
Tot Ion:240 Resp: 10957

Ion Ratio Lower Upper

240 100

120 8.9 7.4 11.0

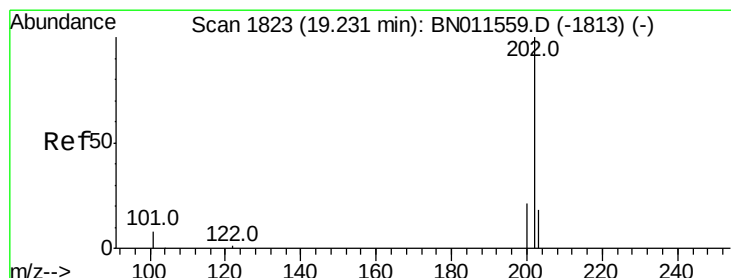
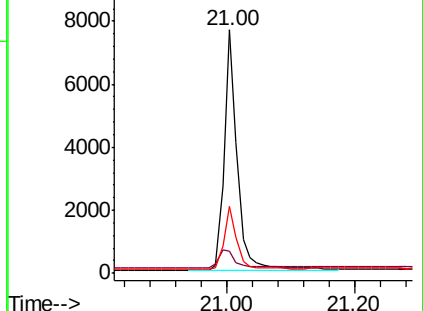
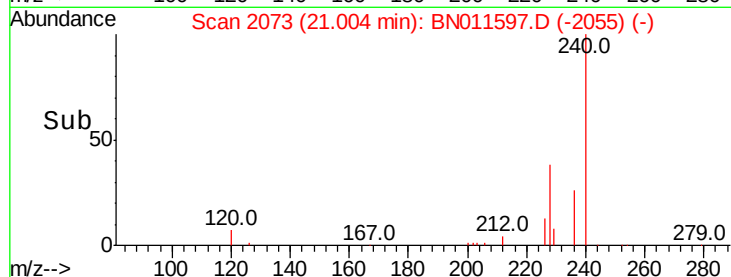
236 27.4 22.3 33.5



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: 0.328 ng

RT: 19.22 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BN011597.D

Acq: 22 Aug 2020 21:10

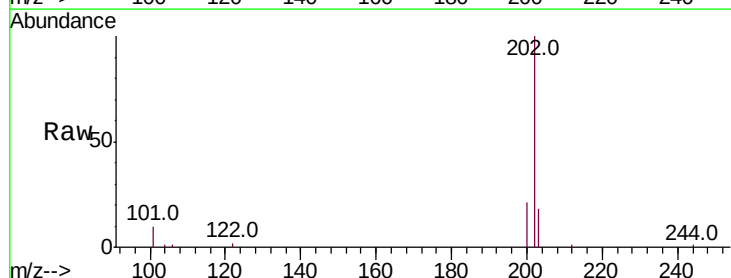
Tgt Ion:202 Resp: 14280

Ion Ratio Lower Upper

202 100

200 20.4 16.6 25.0

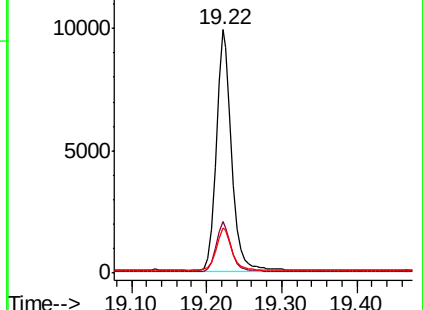
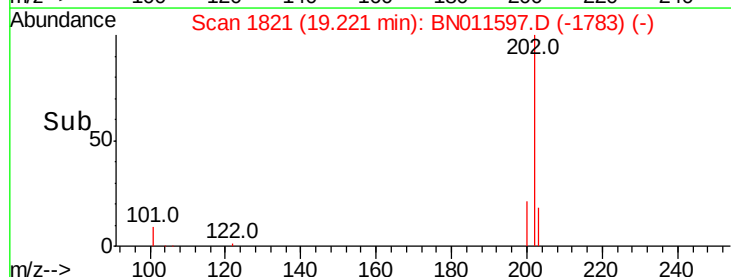
203 17.0 14.2 21.2

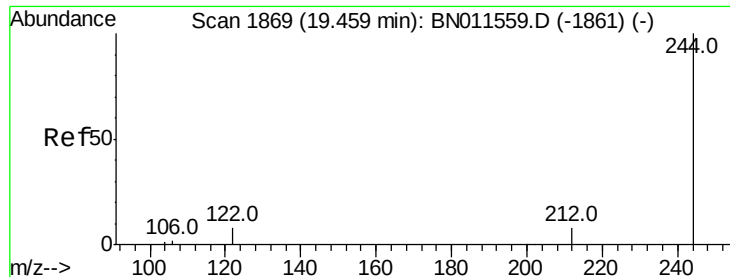


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#31

Terphenyl-d14

Concen: 0.325 ng

RT: 19.45 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BN011597.D

Acq: 22 Aug 2020 21:10

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

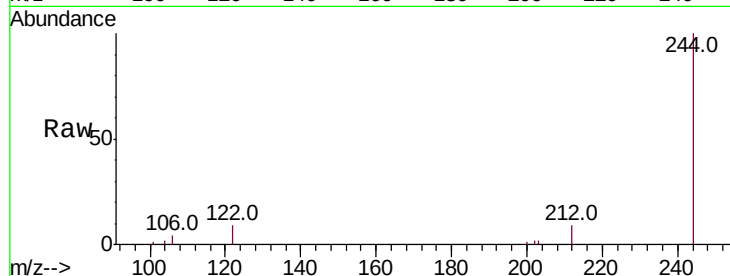
Tot Ion:244 Resp: 9300

Ion Ratio Lower Upper

244 100

212 8.7 8.2 12.4

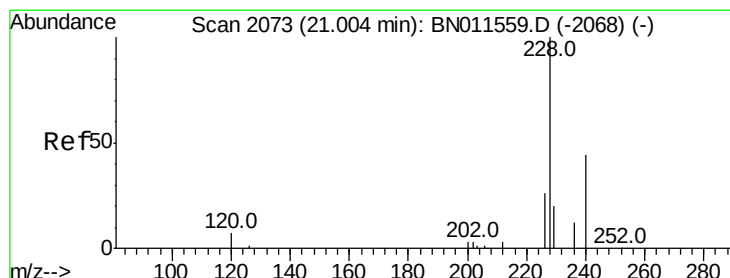
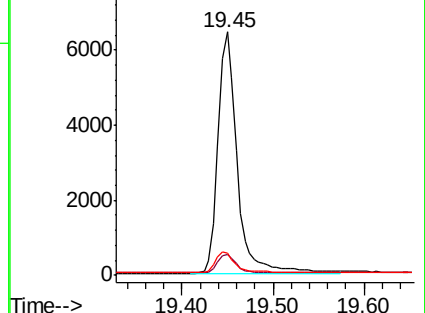
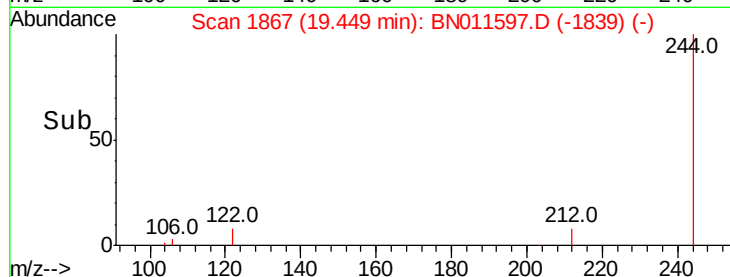
122 9.2 8.0 12.0



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: 0.391 ng

RT: 20.99 min Scan# 2072

Delta R.T. -0.01 min

Lab File: BN011597.D

Acq: 22 Aug 2020 21:10

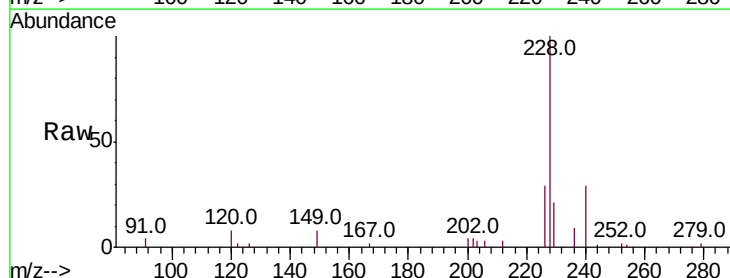
Tgt Ion:228 Resp: 14074

Ion Ratio Lower Upper

228 100

226 29.0 22.2 33.2

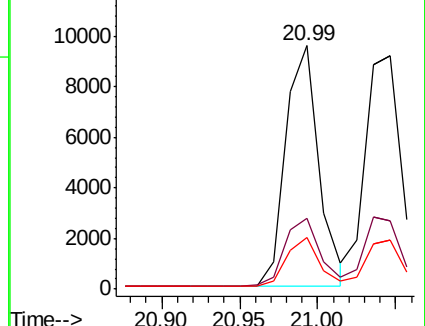
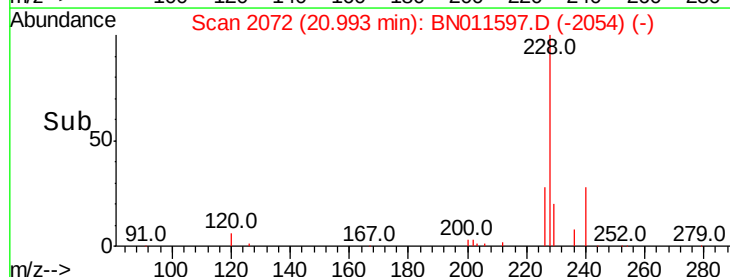
229 20.9 16.9 25.3

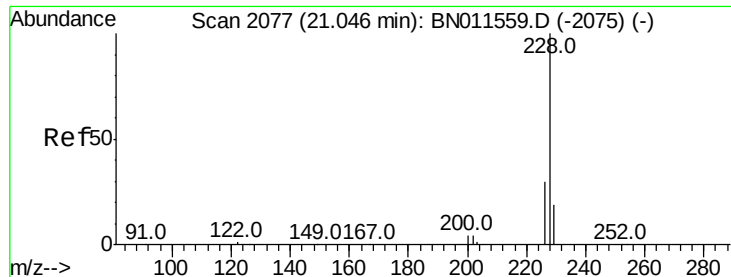


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Chrysene

Concen: 0.370 ng

RT: 21.05 min Scan# 2077

Delta R.T. -0.00 min

Lab File: BN011597.D

Acq: 22 Aug 2020 21:10

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

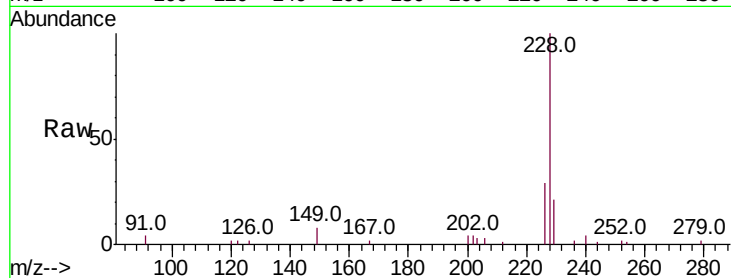
Tot Ion:228 Resp: 15142

Ion Ratio Lower Upper

228 100

226 29.3 24.5 36.7

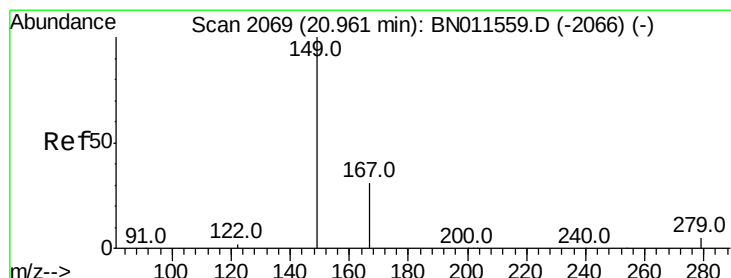
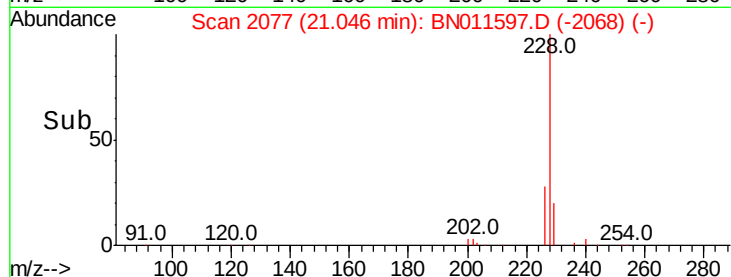
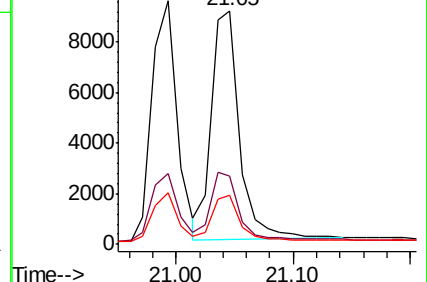
229 21.0 16.2 24.2



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: 0.457 ng

RT: 20.95 min Scan# 2068

Delta R.T. -0.01 min

Lab File: BN011597.D

Acq: 22 Aug 2020 21:10

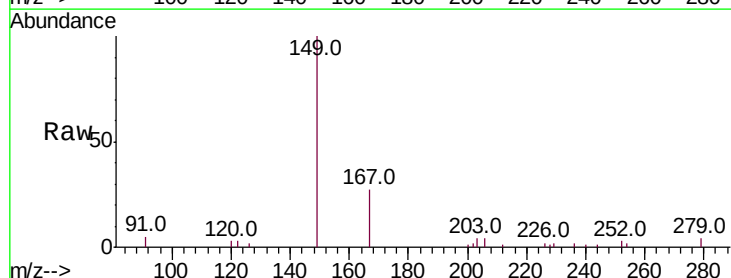
Tgt Ion:149 Resp: 7482

Ion Ratio Lower Upper

149 100

167 28.3 22.8 34.2

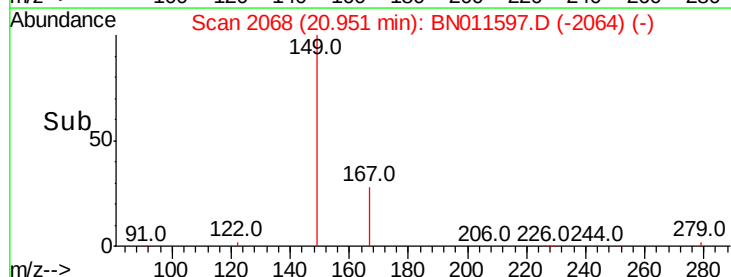
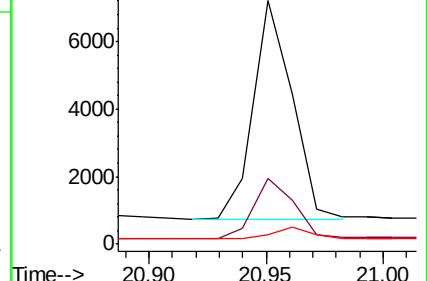
279 5.0 4.2 6.2

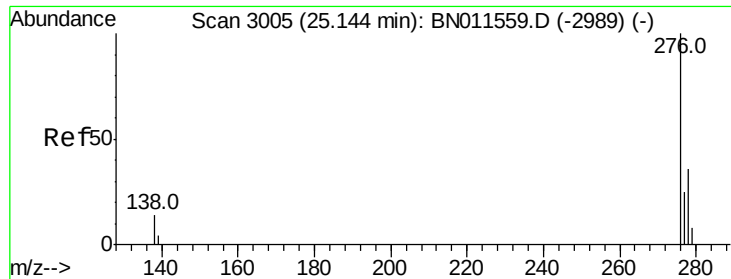


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.497 ng

RT: 25.12 min Scan# 2998

Delta R.T. -0.02 min

Lab File: BN011597.D

Acq: 22 Aug 2020 21:10

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

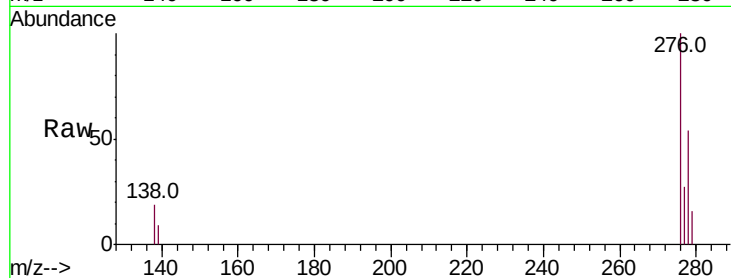
Tot Ion:276 Resp: 18473

Ion Ratio Lower Upper

276 100

138 17.2 11.6 17.4

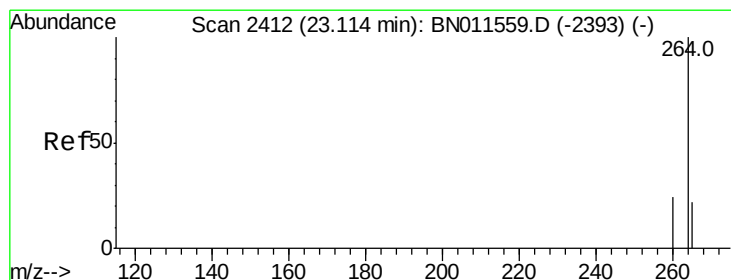
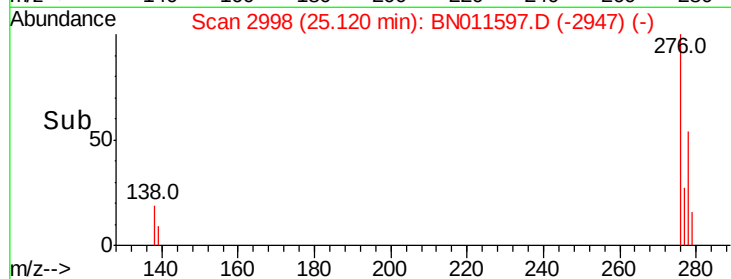
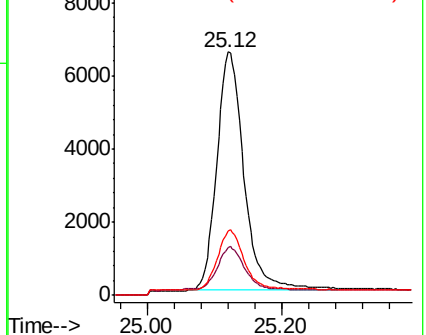
277 23.5 18.2 27.4



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# 2407

Delta R.T. -0.02 min

Lab File: BN011597.D

Acq: 22 Aug 2020 21:10

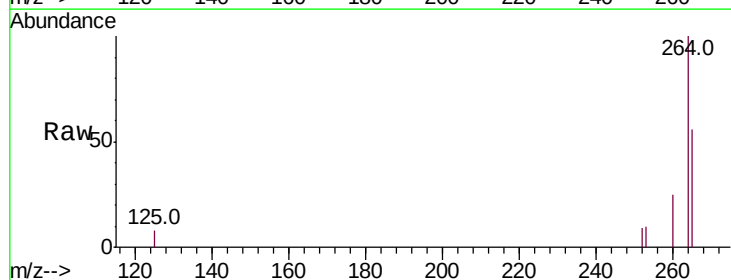
Tgt Ion:264 Resp: 11753

Ion Ratio Lower Upper

264 100

260 25.4 20.3 30.5

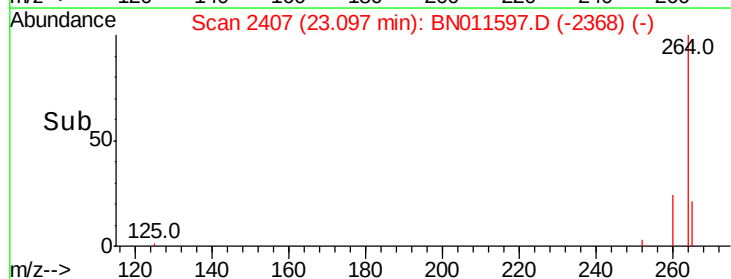
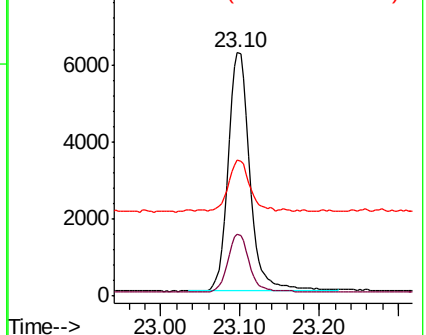
265 55.9 96.1 144.1#

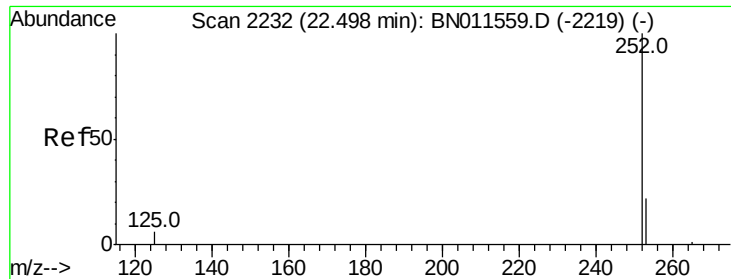


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#37

Benzo(b)fluoranthene

Concen: 0.352 ng

RT: 22.48 min Scan# 2228

Delta R.T. -0.01 min

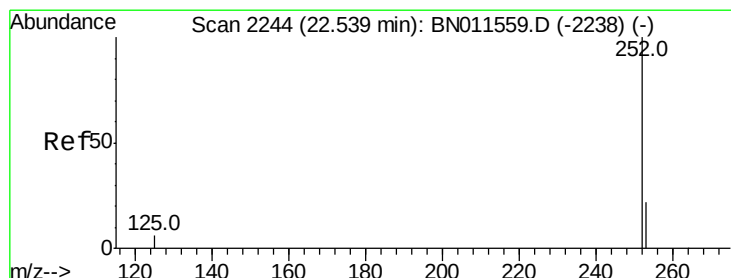
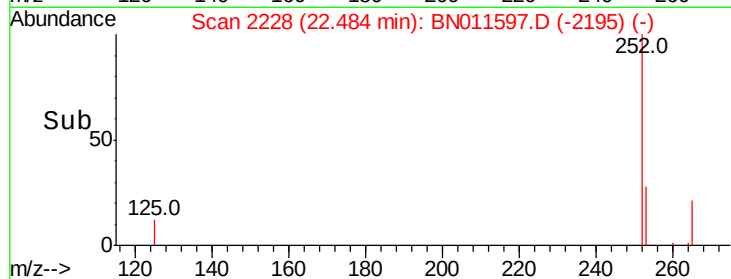
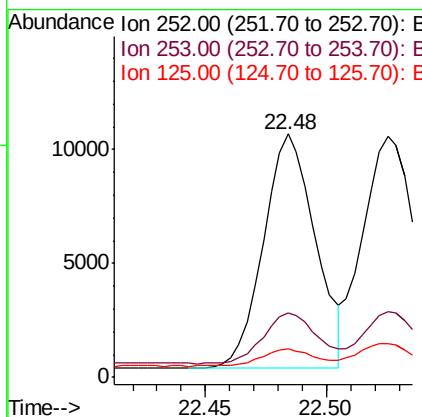
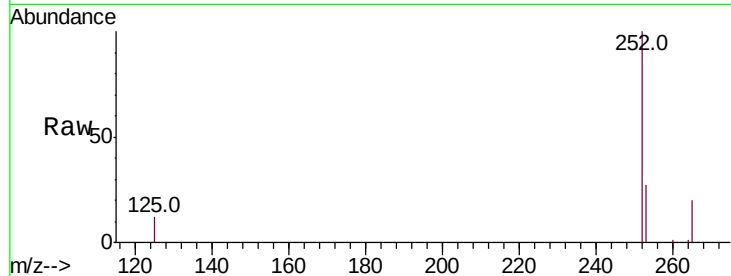
Lab File: BN011597.D

Acq: 22 Aug 2020 21:10

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:252 Resp: 15312

Ion	Ratio	Lower	Upper
252	100		
253	26.6	25.5	38.3
125	11.7	10.2	15.4



#38

Benzo(k)fluoranthene

Concen: 0.314 ng

RT: 22.53 min Scan# 2240

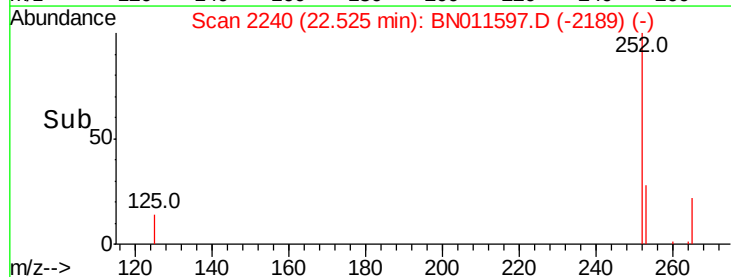
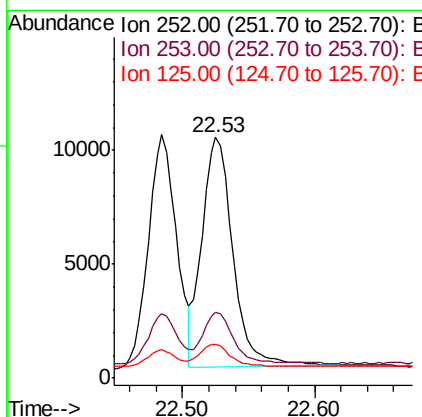
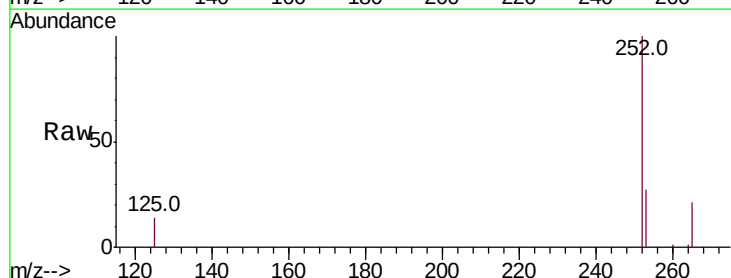
Delta R.T. -0.01 min

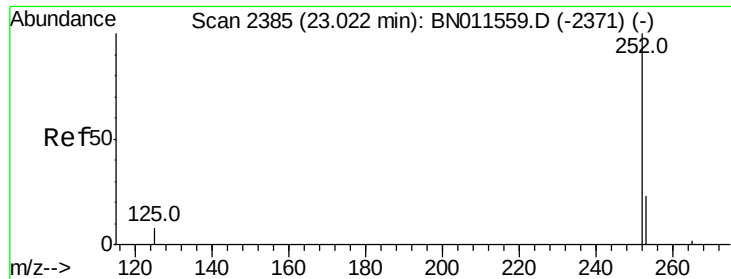
Lab File: BN011597.D

Acq: 22 Aug 2020 21:10

Tgt Ion:252 Resp: 16273

Ion	Ratio	Lower	Upper
252	100		
253	27.3	25.8	38.6
125	13.9	10.8	16.2





#39

Benzo(a)pyrene

Concen: 0.370 ng

RT: 23.01 min Scan# 2381

Delta R.T. -0.01 min

Lab File: BN011597.D

Acq: 22 Aug 2020 21:10

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

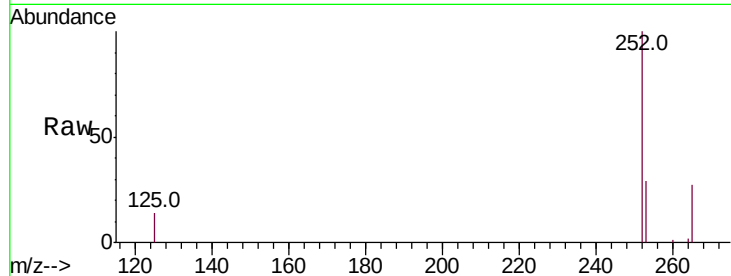
Tot Ion:252 Resp: 14887

Ion Ratio Lower Upper

252 100

253 28.5 31.8 47.8#

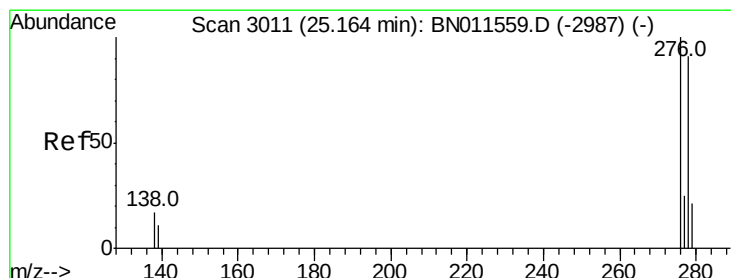
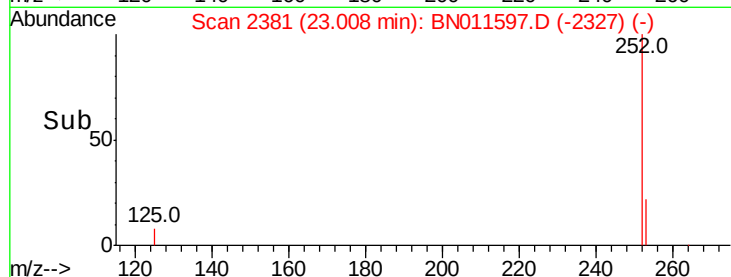
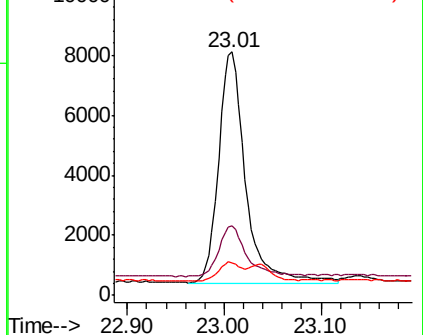
125 13.5 15.4 23.0#



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: 0.437 ng

RT: 25.13 min Scan# 3002

Delta R.T. -0.03 min

Lab File: BN011597.D

Acq: 22 Aug 2020 21:10

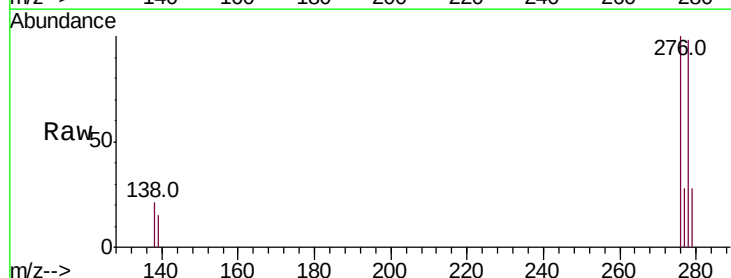
Tgt Ion:278 Resp: 14700

Ion Ratio Lower Upper

278 100

139 14.8 14.0 21.0

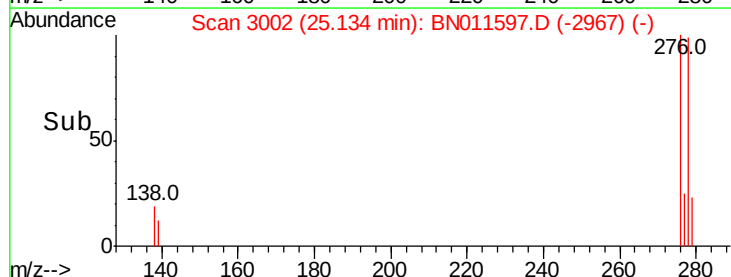
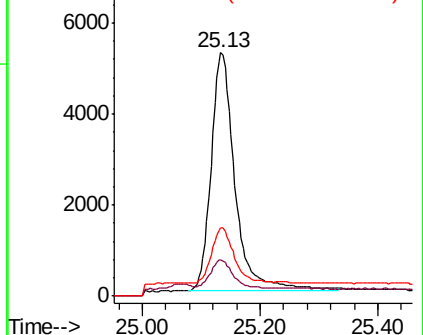
279 28.1 32.4 48.6#

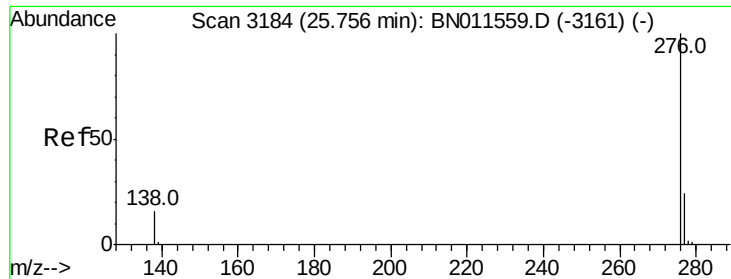


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.399 ng

RT: 25.73 min Scan# 3177

Delta R.T. -0.02 min

Lab File: BN011597.D

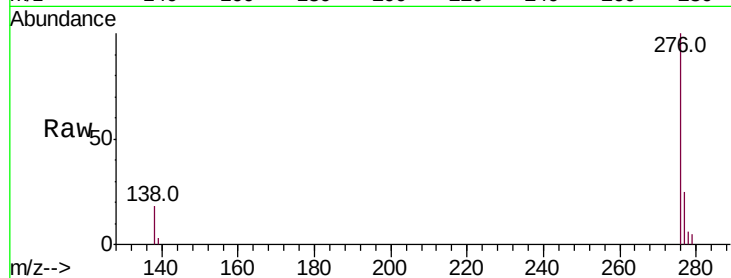
Acq: 22 Aug 2020 21:10

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC



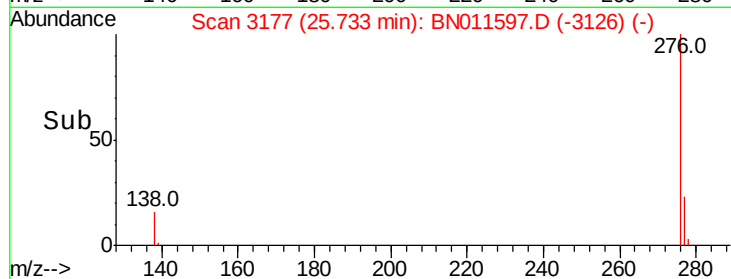
Tot Ion:276 Resp: 16005

Ion Ratio Lower Upper

276 100

277 25.1 22.1 33.1

138 17.8 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

