

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090920\
 Data File : BN011777.D
 Acq On : 10 Sep 2020 01:48
 Operator : CG/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDC00.4

Quant Time: Sep 10 02:18:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 09 10:54:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	2915	0.40	ng	0.00
7) Naphthalene-d8	10.52	136	10815	0.40	ng	0.00
13) Acenaphthene-d10	14.37	164	6553	0.40	ng	0.00
19) Phenanthrene-d10	17.11	188	14442	0.40	ng	0.00
29) Chrysene-d12	21.30	240	14339	0.40	ng	-0.01
36) Perylene-d12	23.55	264	14138	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.33	112	2961	0.36	ng	0.00
5) Phenol-d6	6.89	99	3959	0.35	ng	0.00
8) Nitrobenzene-d5	8.87	82	4156	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.10	152	7146	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	1198	0.38	ng	-0.01
15) 2-Fluorobiphenyl	12.99	172	10431	0.38	ng	0.00
27) Fluoranthene-d10	19.15	212	15534	0.34	ng	0.00
31) Terphenyl-d14	19.75	244	13513	0.38	ng	0.00

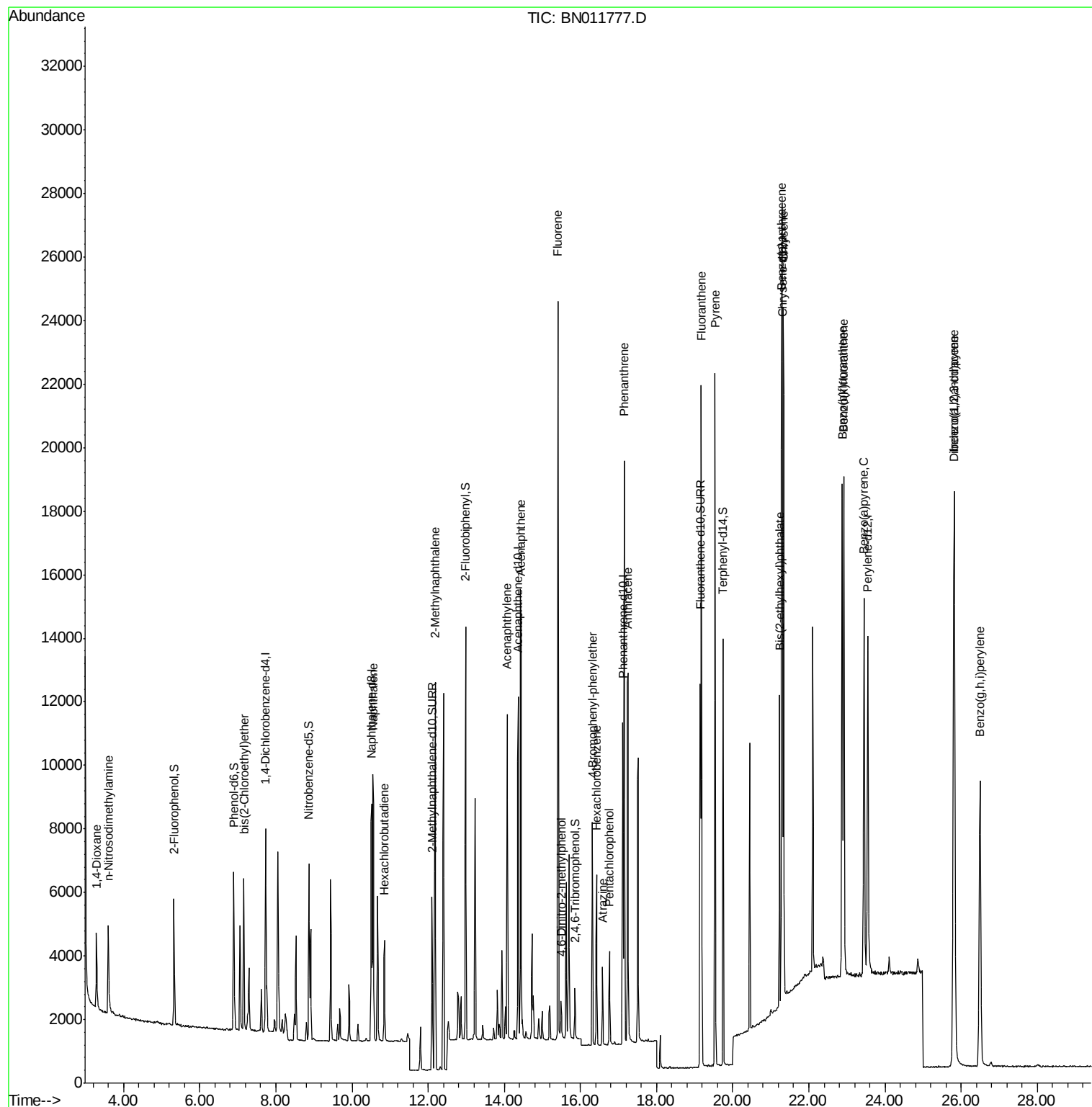
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	1668	0.356	ng	98
3) n-Nitrosodimethylamine	3.59	42	2255	0.416	ng	# 92
6) bis(2-Chloroethyl)ether	7.16	93	3303	0.363	ng	98
9) Naphthalene	10.55	128	11504	0.372	ng	99
10) Hexachlorobutadiene	10.86	225	2682	0.395	ng	# 99
12) 2-Methylnaphthalene	12.18	142	8183	0.372	ng	98
16) Acenaphthylene	14.08	152	11739	0.368	ng	100
17) Acenaphthene	14.43	154	8310	0.377	ng	98
18) Fluorene	15.41	166	10473	0.371	ng	99
20) 4,6-Dinitro-2-methylphenol	15.49	198	888	0.399	ng	# 81
21) 4-Bromophenyl-phenylether	16.31	248	3204	0.379	ng	# 75
22) Hexachlorobenzene	16.42	284	3942	0.378	ng	97
23) Atrazine	16.58	200	1866	0.251	ng	96
24) Pentachlorophenol	16.76	266	1429	0.344	ng	96
25) Phenanthrene	17.15	178	17328	0.371	ng	100
26) Anthracene	17.25	178	14777	0.356	ng	99
28) Fluoranthene	19.18	202	19035	0.344	ng	99
30) Pyrene	19.54	202	19161	0.384	ng	100
32) Benzo(a)anthracene	21.29	228	17913	0.350	ng	99
33) Chrysene	21.33	228	19515	0.370	ng	97
34) Bis(2-ethylhexyl)phthalate	21.23	149	7434	0.357	ng	100
35) Indeno(1,2,3-cd)pyrene	25.80	276	23647	0.343	ng	98
37) Benzo(b)fluoranthene	22.87	252	19857	0.366	ng	100
38) Benzo(k)fluoranthene	22.92	252	20484	0.370	ng	98
39) Benzo(a)pyrene	23.45	252	17512	0.361	ng	99
40) Dibenzo(a,h)anthracene	25.83	278	19434	0.355	ng	98
41) Benzo(g,h,i)perylene	26.50	276	19272	0.360	ng	98

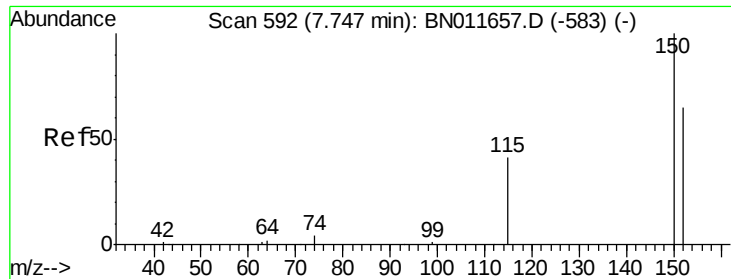
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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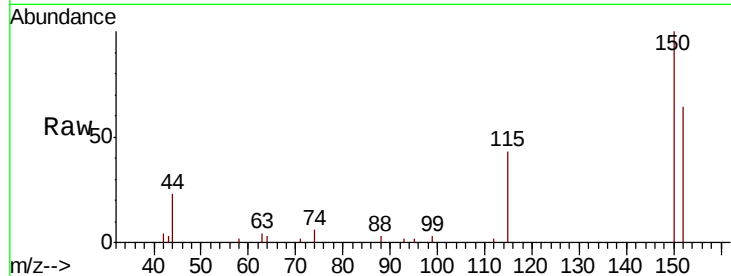


#1

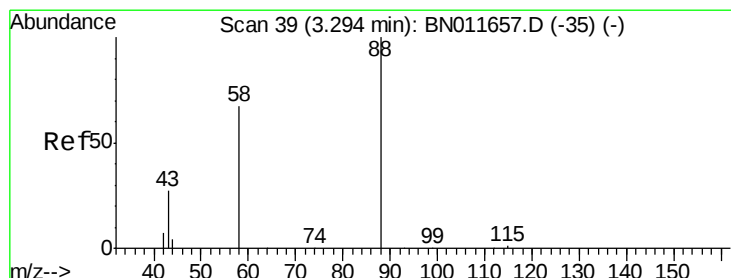
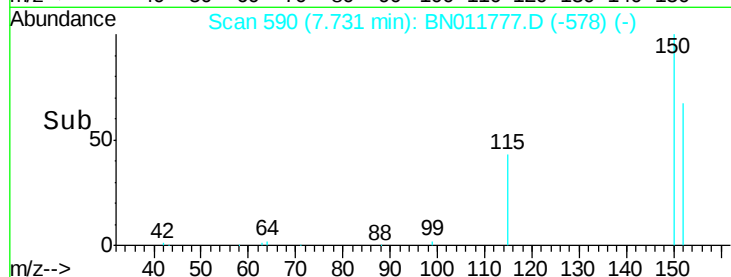
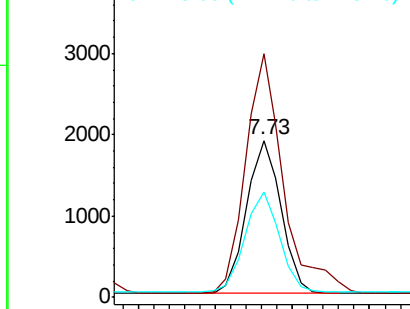
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.73 min Scan# 590
Delta R.T. 0.00 min
Lab File: BN011777.D
Acq: 10 Sep 2020 01:48

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion:152 Resp: 2915
Ion Ratio Lower Upper
152 100
150 155.2 121.0 181.6
115 67.0 52.6 78.8



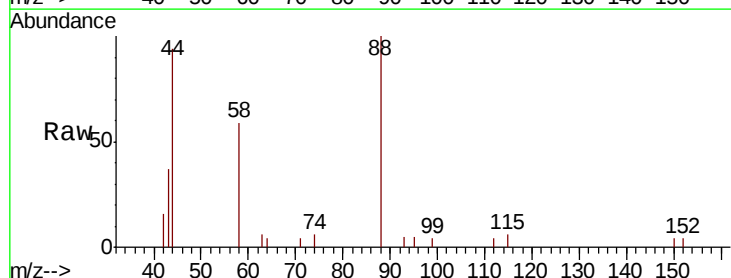
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



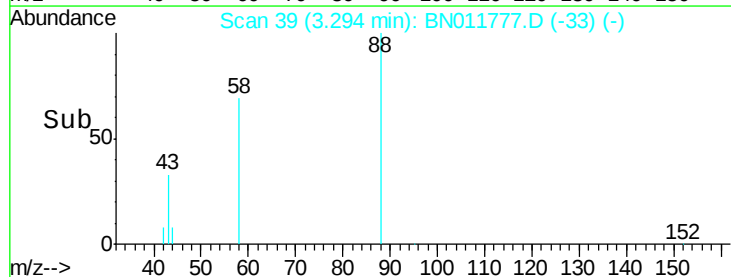
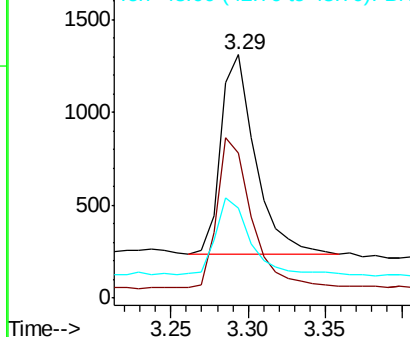
#2

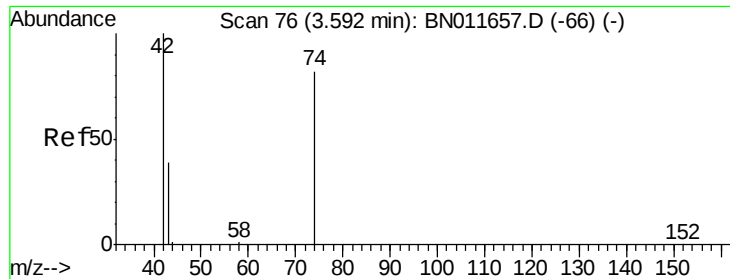
1,4-Dioxane
Concen: 0.356 ng
RT: 3.29 min Scan# 39
Delta R.T. 0.00 min
Lab File: BN011777.D
Acq: 10 Sep 2020 01:48

Tgt Ion: 88 Resp: 1668
Ion Ratio Lower Upper
88 100
58 74.5 61.4 92.0
43 36.5 29.8 44.8



Abundance Ion 88.00 (87.70 to 88.70): BN0
Ion 58.00 (57.70 to 58.70): BN0
Ion 43.00 (42.70 to 43.70): BN0





#3

n-Nitrosodimethylamine

Concen: 0.416 ng

RT: 3.59 min Scan# 76

Delta R.T. 0.00 min

Lab File: BN011777.D

Acq: 10 Sep 2020 01:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

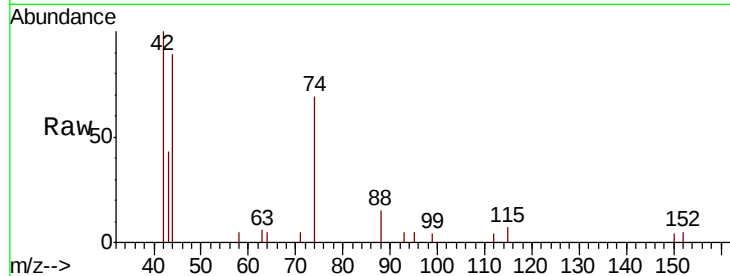
Tot Ion: 42 Resp: 2255

Ion Ratio Lower Upper

42 100

74 91.1 79.0 118.6

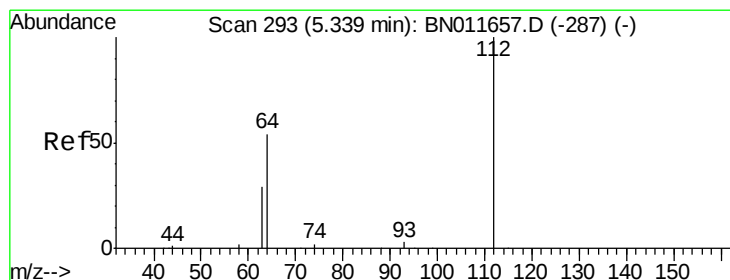
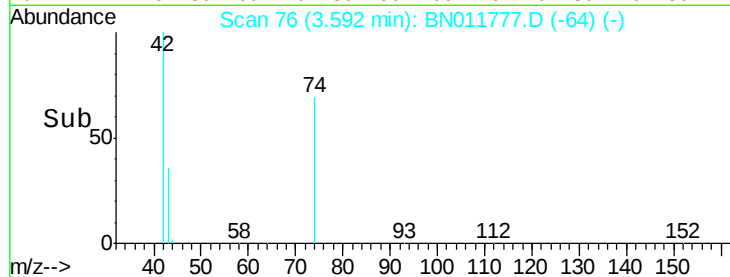
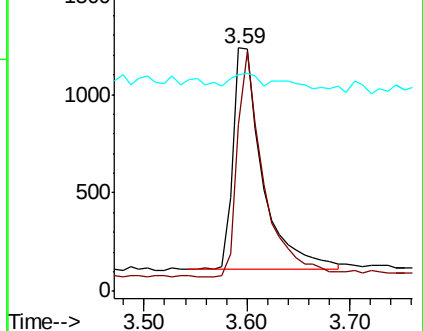
44 4.7 8.1 12.1#



Abundance Ion 42.00 (41.70 to 42.70): BN011657.D (-66) (-)

Ion 74.00 (73.70 to 74.70): BN011657.D (-66) (-)

Ion 44.00 (43.70 to 44.70): BN011657.D (-66) (-)



#4

2-Fluorophenol

Concen: 0.359 ng

RT: 5.33 min Scan# 292

Delta R.T. 0.00 min

Lab File: BN011777.D

Acq: 10 Sep 2020 01:48

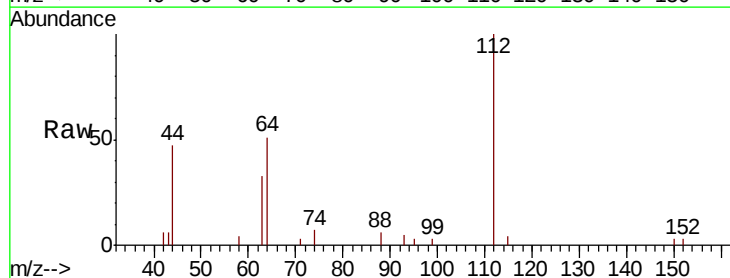
Tgt Ion: 112 Resp: 2961

Ion Ratio Lower Upper

112 100

64 61.5 49.7 74.5

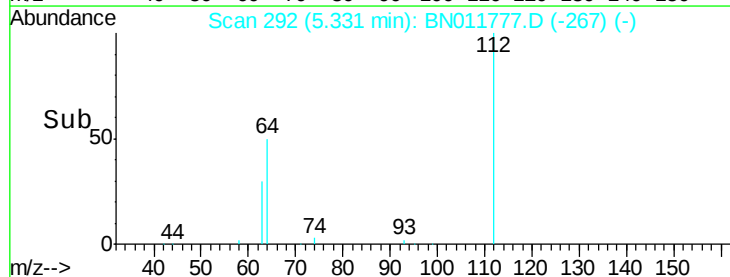
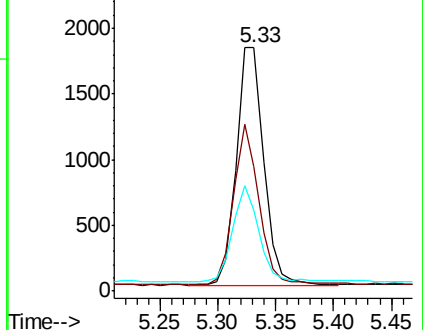
63 38.7 29.4 44.0

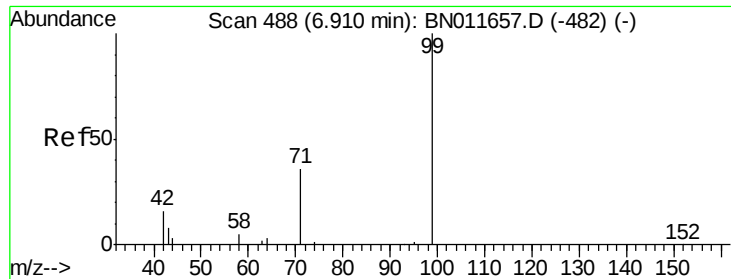


Abundance Ion 112.00 (111.70 to 112.70): BN011657.D (-287) (-)

Ion 64.00 (63.70 to 64.70): BN011657.D (-287) (-)

Ion 63.00 (62.70 to 63.70): BN011657.D (-287) (-)





#5

Phenol-d6

Concen: 0.354 ng

RT: 6.89 min Scan# 486

Delta R.T. 0.00 min

Lab File: BN011777.D

Acq: 10 Sep 2020 01:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

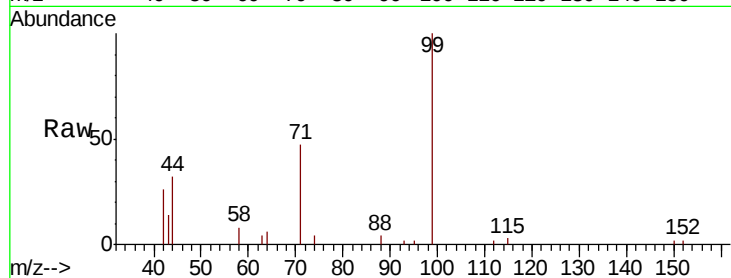
Tot Ion: 99 Resp: 3959

Ion Ratio Lower Upper

99 100

42 27.4 20.2 30.2

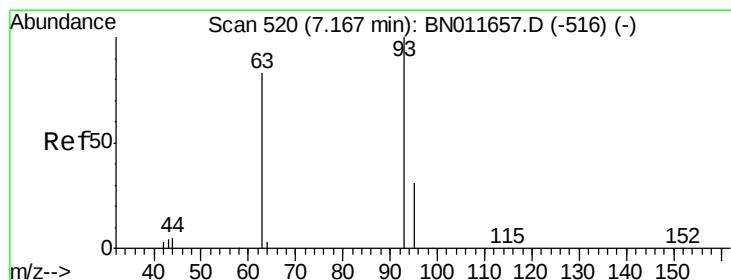
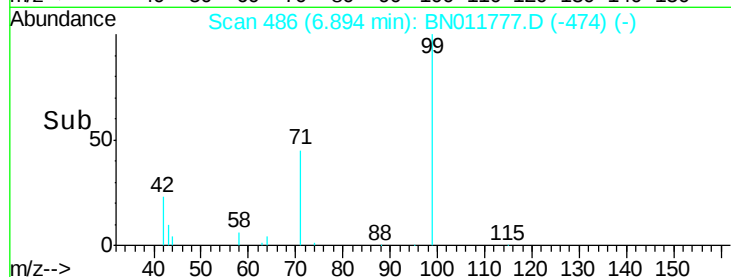
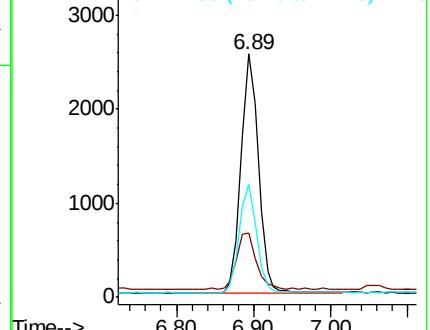
71 44.7 33.3 49.9



Abundance Ion 99.00 (98.70 to 99.70): BN011777.D (-474) (-)

Ion 42.00 (41.70 to 42.70): BN011777.D (-474) (-)

Ion 71.00 (70.70 to 71.70): BN011777.D (-474) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.363 ng

RT: 7.16 min Scan# 519

Delta R.T. 0.00 min

Lab File: BN011777.D

Acq: 10 Sep 2020 01:48

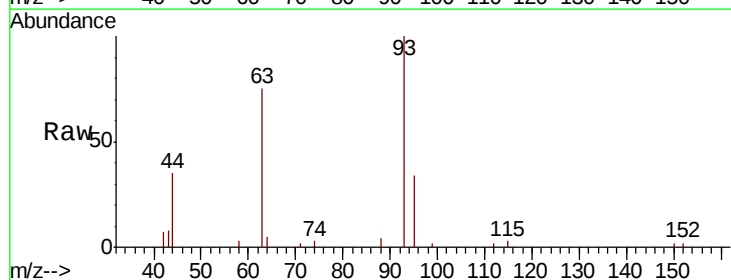
Tgt Ion: 93 Resp: 3303

Ion Ratio Lower Upper

93 100

63 79.2 62.2 93.4

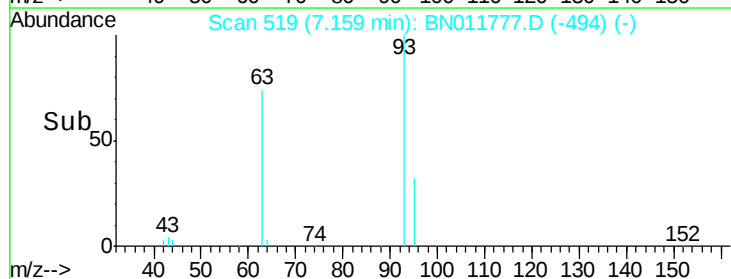
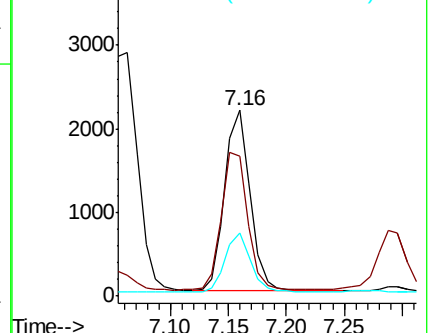
95 32.2 26.6 39.8

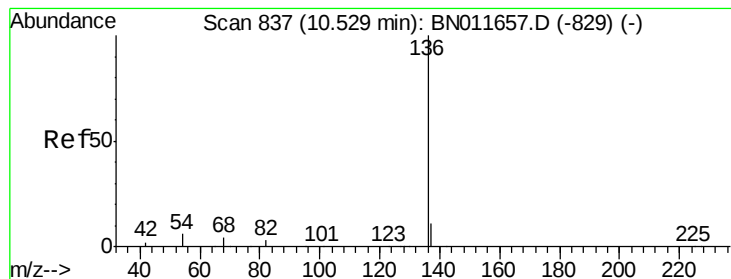


Abundance Ion 93.00 (92.70 to 93.70): BN011777.D (-494) (-)

Ion 63.00 (62.70 to 63.70): BN011777.D (-494) (-)

Ion 95.00 (94.70 to 95.70): BN011777.D (-494) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.52 min Scan# 836

Delta R.T. 0.00 min

Lab File: BN011777.D

Acq: 10 Sep 2020 01:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 10815

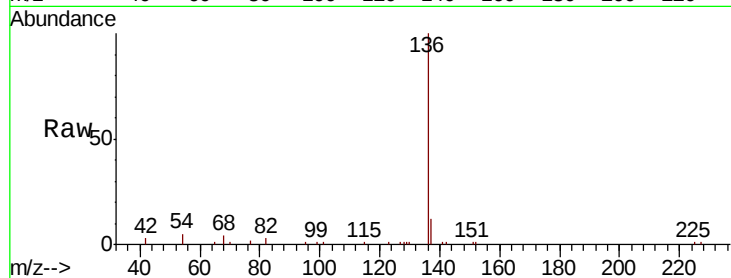
Ion Ratio Lower Upper

136 100

137 11.5 9.3 13.9

54 5.4 5.8 8.8#

68 3.6 4.1 6.1#

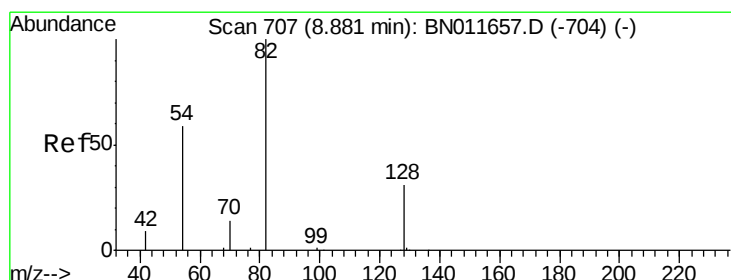
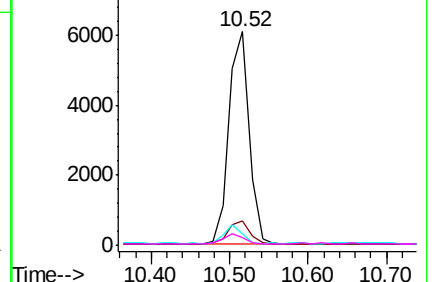
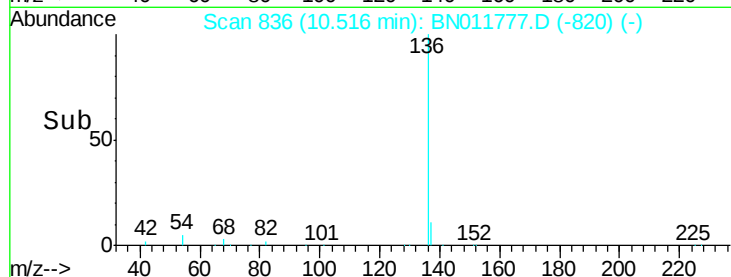


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.397 ng

RT: 8.87 min Scan# 706

Delta R.T. 0.00 min

Lab File: BN011777.D

Acq: 10 Sep 2020 01:48

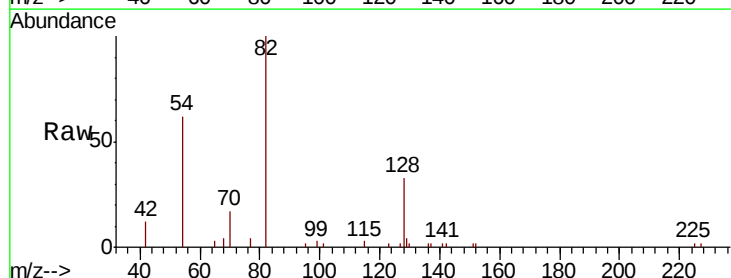
Tgt Ion: 82 Resp: 4156

Ion Ratio Lower Upper

82 100

128 32.7 26.2 39.2

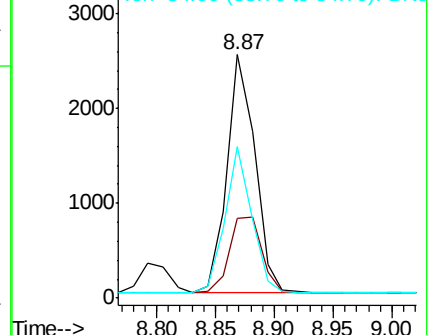
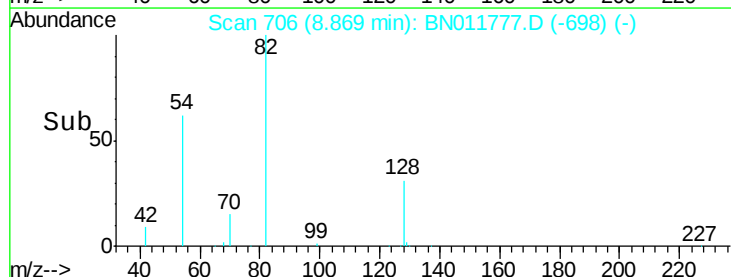
54 62.3 48.2 72.4

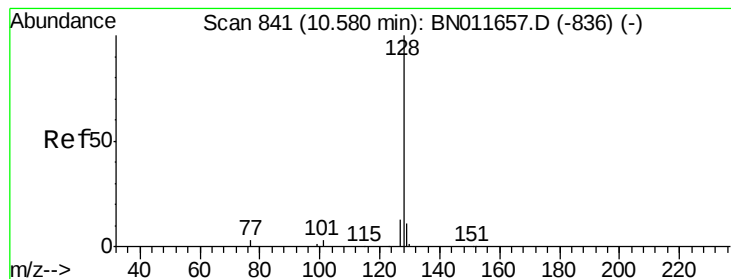


Abundance Ion 82.00 (81.70 to 82.70): BNC

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: 10.55 min Scan# 839

Delta R.T. -0.01 min

Lab File: BN011777.D

Acq: 10 Sep 2020 01:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

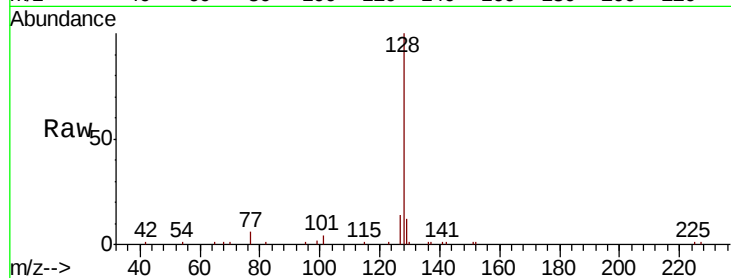
Tot Ion:128 Resp: 11504

Ion Ratio Lower Upper

128 100

129 11.7 9.4 14.2

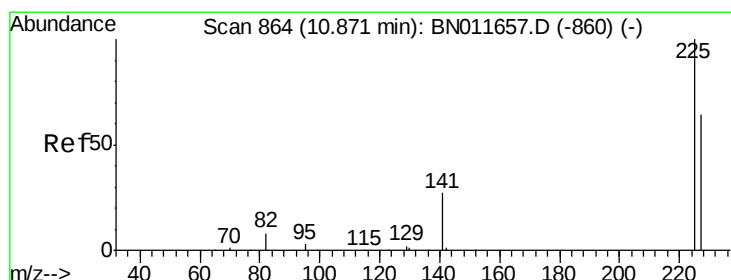
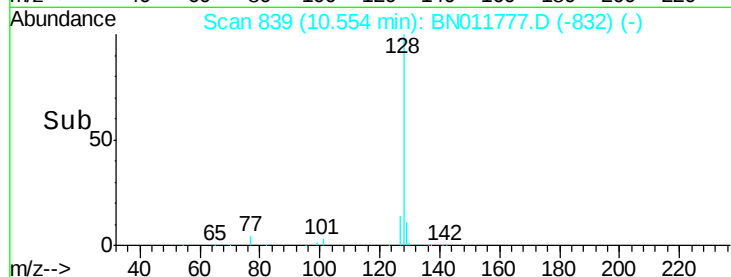
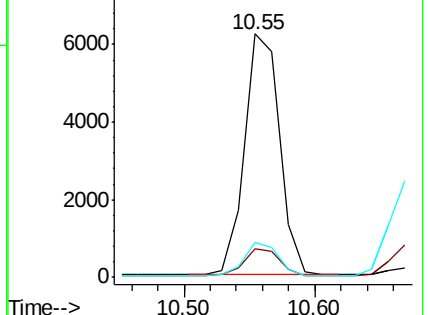
127 14.4 10.8 16.2



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: 0.395 ng

RT: 10.86 min Scan# 863

Delta R.T. 0.00 min

Lab File: BN011777.D

Acq: 10 Sep 2020 01:48

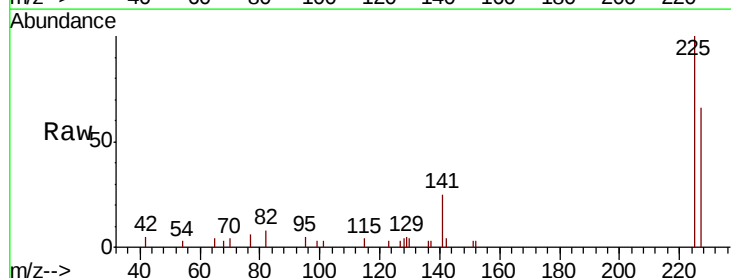
Tgt Ion:225 Resp: 2682

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

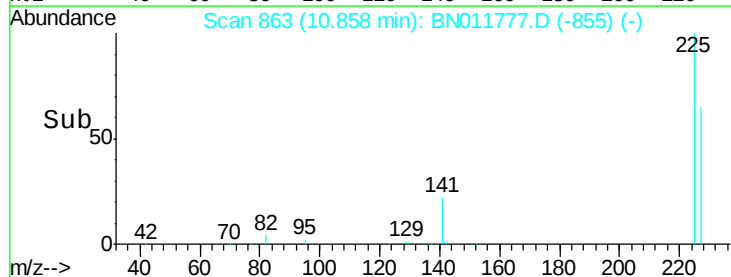
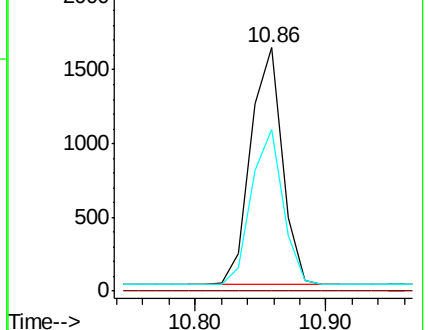
227 65.0 52.6 78.8

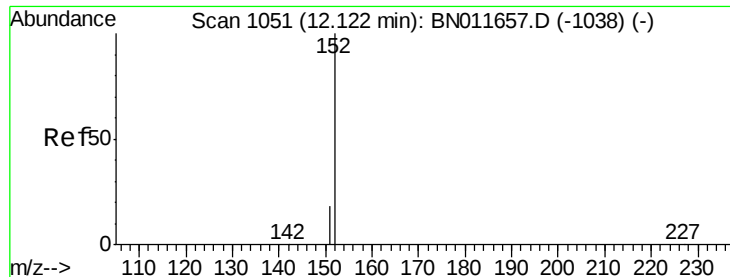


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

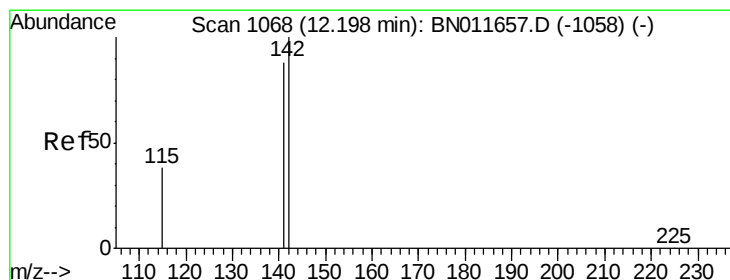
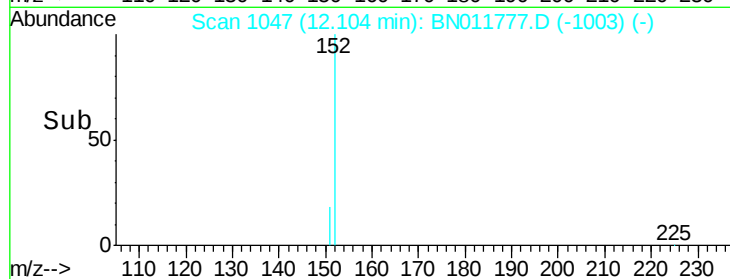
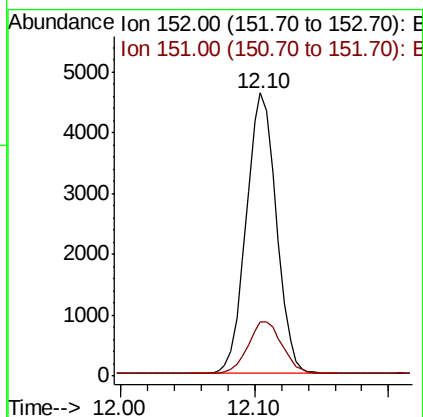
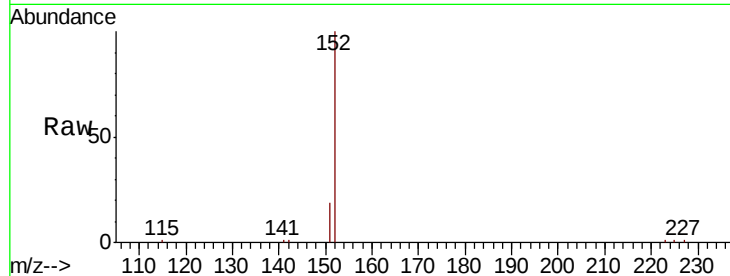




#11
 2-Methylnaphthalene-d10
 Concen: 0.367 ng
 RT: 12.10 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: BN011777.D
 Acq: 10 Sep 2020 01:48

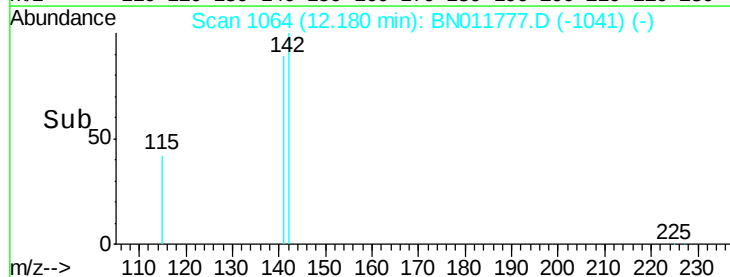
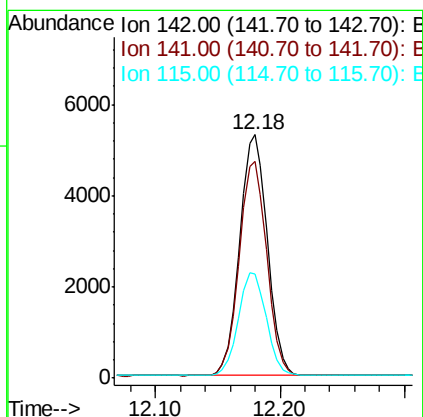
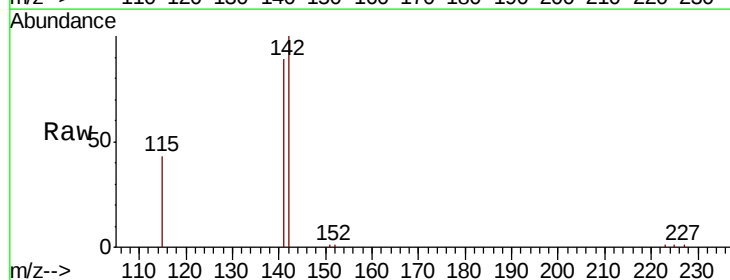
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

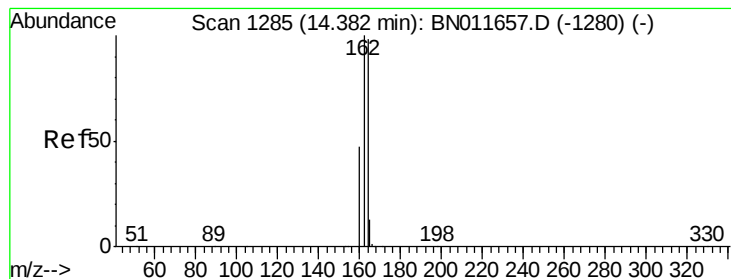
Tot Ion:152 Resp: 7146
 Ion Ratio Lower Upper
 152 100
 151 20.6 16.7 25.1



#12
 2-Methylnaphthalene
 Concen: 0.372 ng
 RT: 12.18 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: BN011777.D
 Acq: 10 Sep 2020 01:48

Tgt Ion:142 Resp: 8183
 Ion Ratio Lower Upper
 142 100
 141 89.0 70.6 106.0
 115 42.6 31.3 46.9





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.37 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BN011777.D

Acq: 10 Sep 2020 01:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

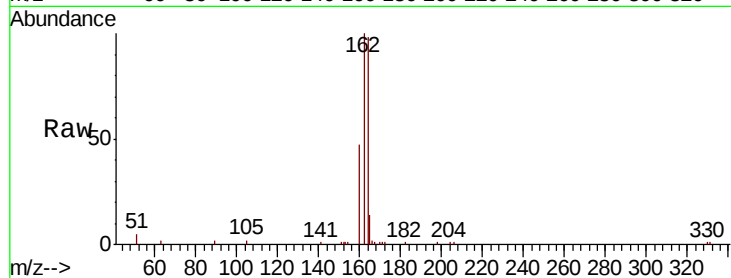
Tot Ion:164 Resp: 6553

Ion Ratio Lower Upper

164 100

162 101.6 81.4 122.0

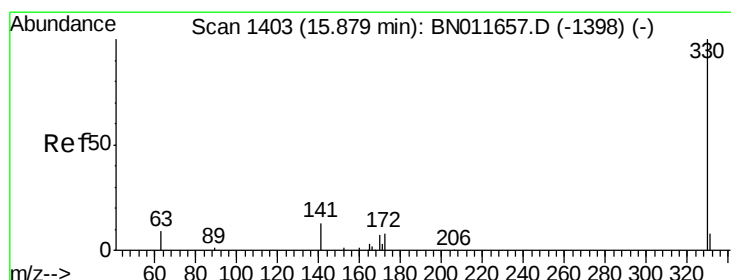
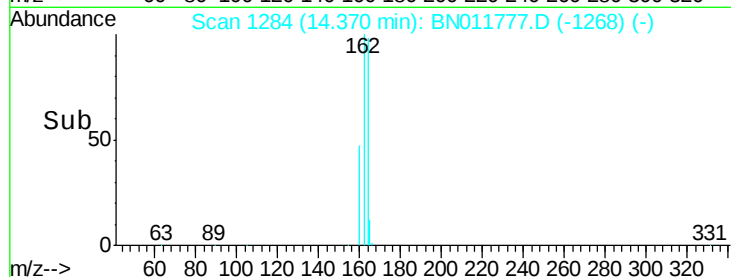
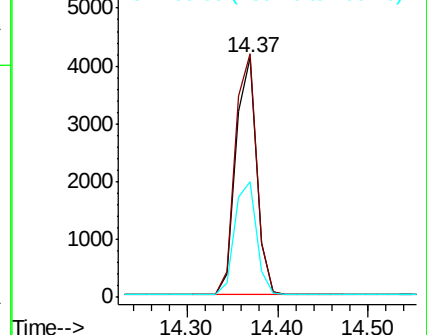
160 48.2 38.5 57.7



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: 0.377 ng

RT: 15.85 min Scan# 1401

Delta R.T. -0.01 min

Lab File: BN011777.D

Acq: 10 Sep 2020 01:48

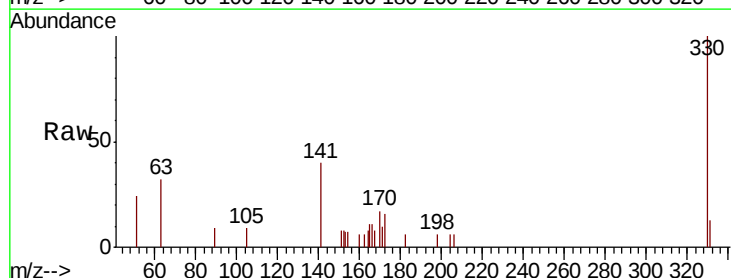
Tgt Ion:330 Resp: 1198

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

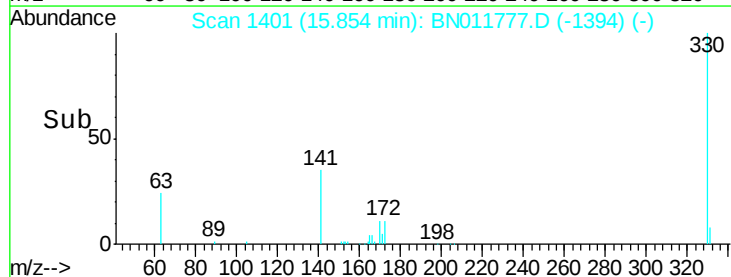
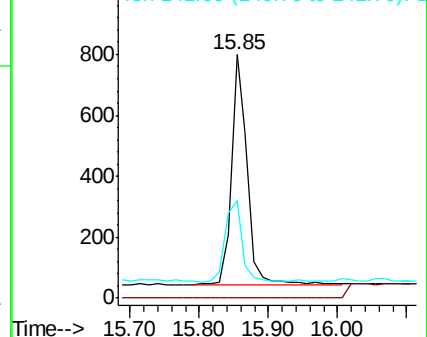
141 39.1 29.8 44.8

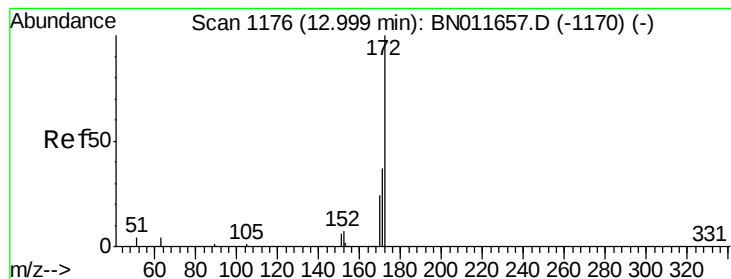


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.377 ng

RT: 12.99 min Scan# 1175

Delta R.T. 0.00 min

Lab File: BN011777.D

Acq: 10 Sep 2020 01:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

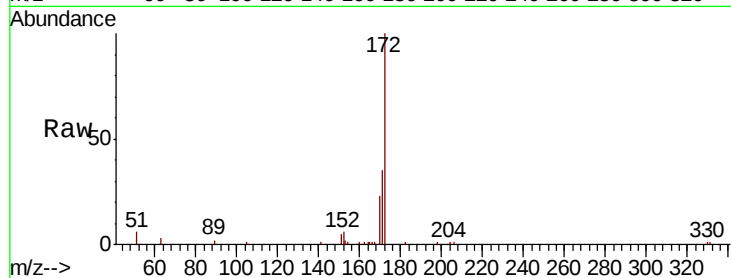
Tot Ion:172 Resp: 10431

Ion Ratio Lower Upper

172 100

171 35.4 30.0 45.0

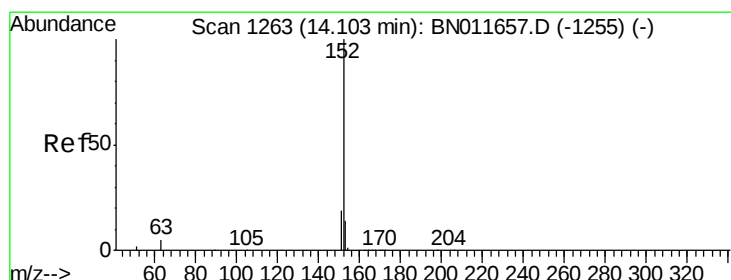
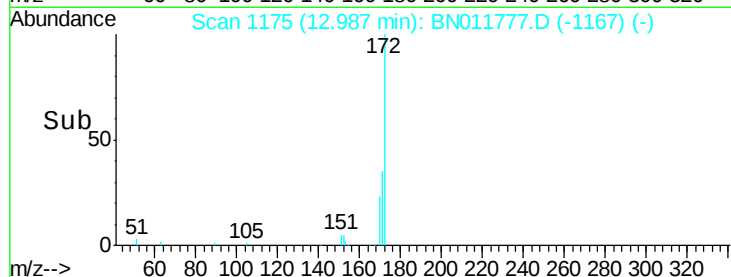
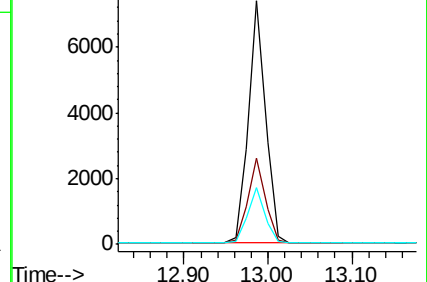
170 23.5 20.1 30.1



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: 0.368 ng

RT: 14.08 min Scan# 1261

Delta R.T. -0.01 min

Lab File: BN011777.D

Acq: 10 Sep 2020 01:48

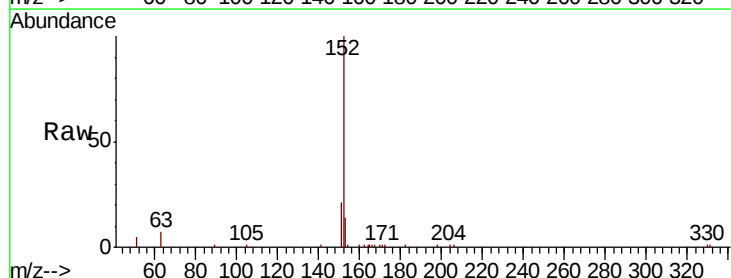
Tgt Ion:152 Resp: 11739

Ion Ratio Lower Upper

152 100

151 19.7 15.6 23.4

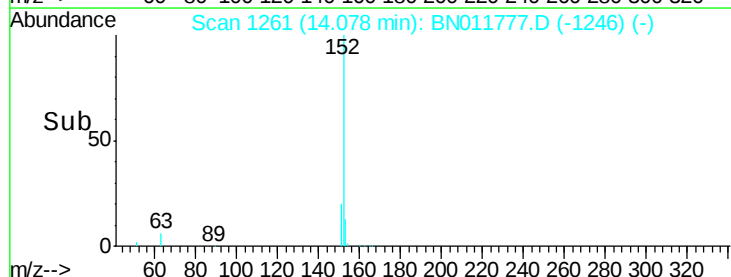
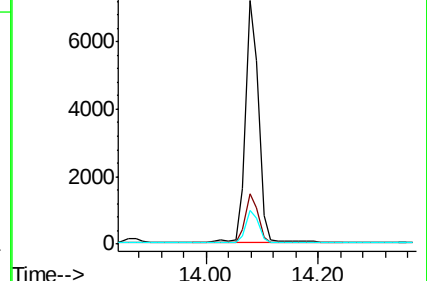
153 13.1 10.5 15.7

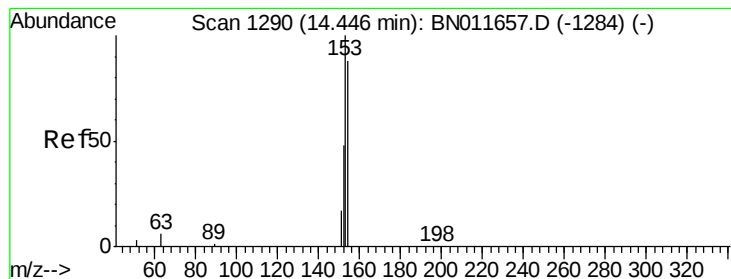


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.377 ng

RT: 14.43 min Scan# 1289

Delta R.T. 0.00 min

Lab File: BN011777.D

Acq: 10 Sep 2020 01:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

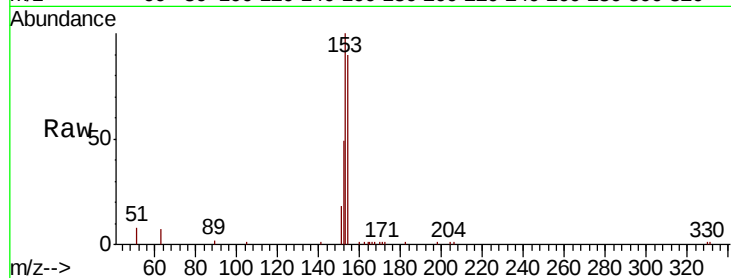
Tot Ion:154 Resp: 8310

Ion Ratio Lower Upper

154 100

153 108.7 89.2 133.8

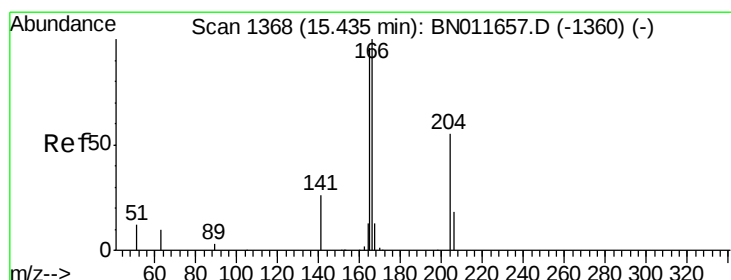
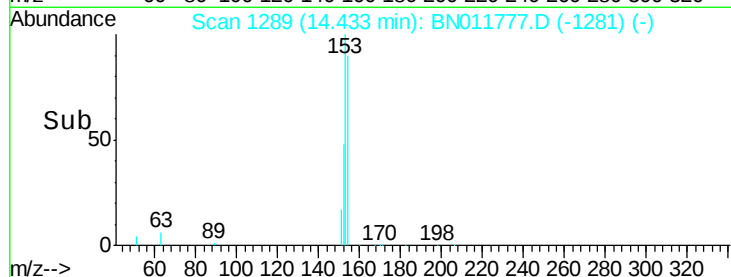
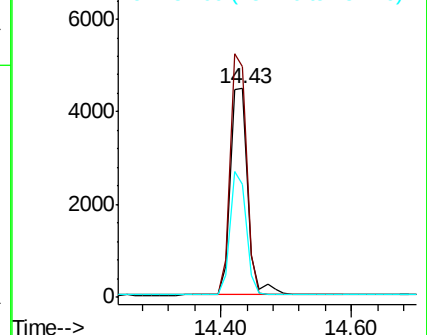
152 55.0 44.1 66.1



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: 0.371 ng

RT: 15.41 min Scan# 1366

Delta R.T. -0.01 min

Lab File: BN011777.D

Acq: 10 Sep 2020 01:48

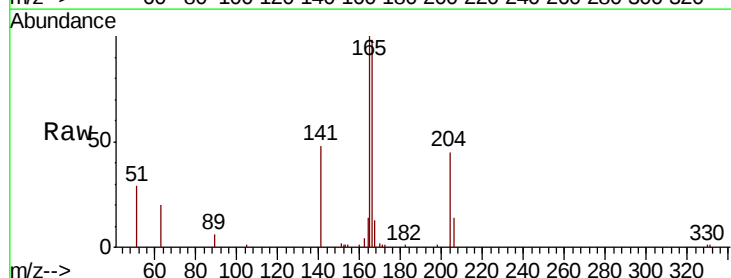
Tgt Ion:166 Resp: 10473

Ion Ratio Lower Upper

166 100

165 97.7 77.7 116.5

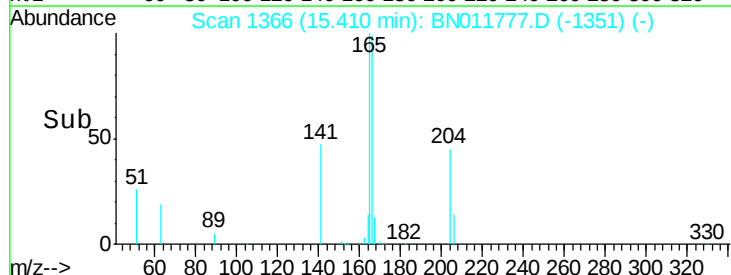
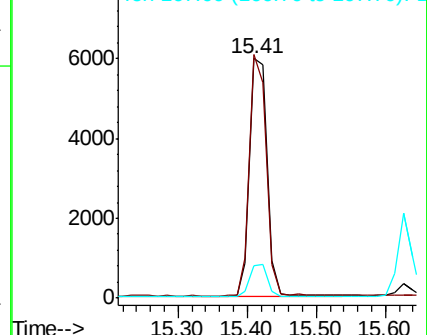
167 13.4 11.0 16.4

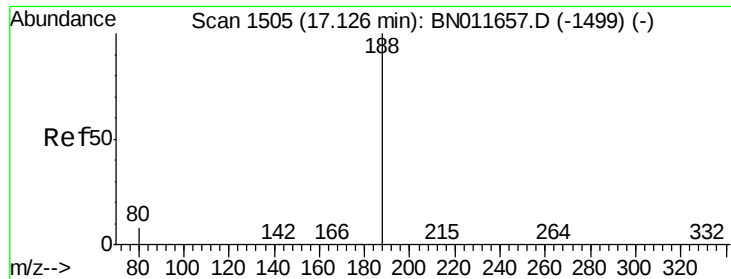


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

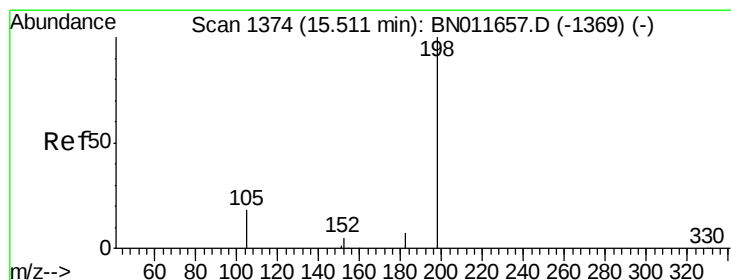
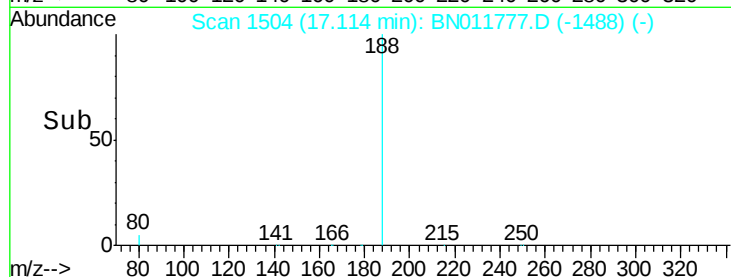
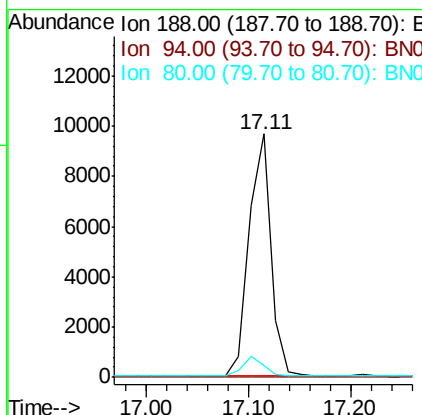
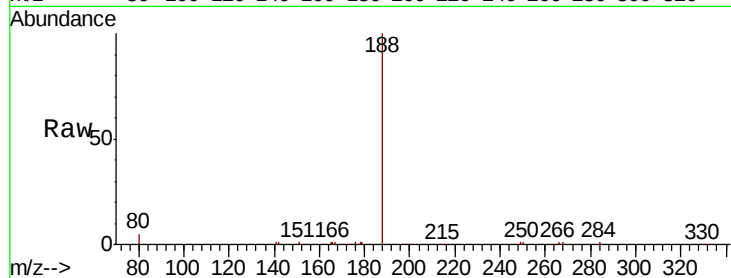




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.11 min Scan# 1504
Delta R.T. 0.00 min
Lab File: BN011777.D
Acq: 10 Sep 2020 01:48

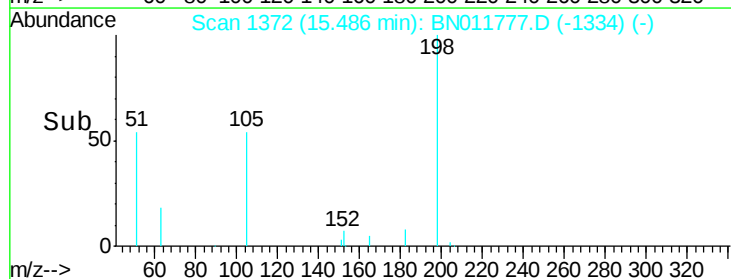
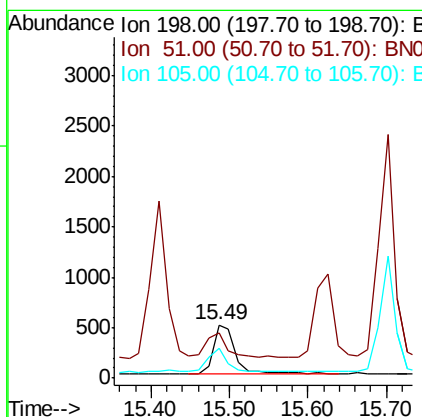
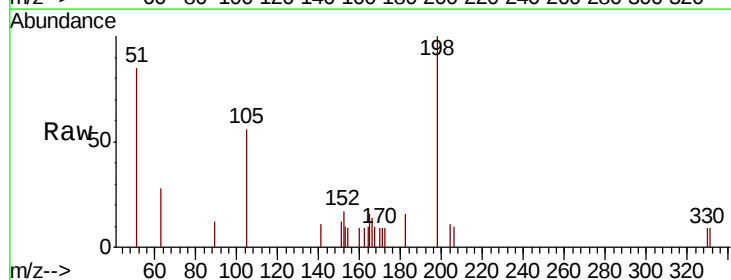
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

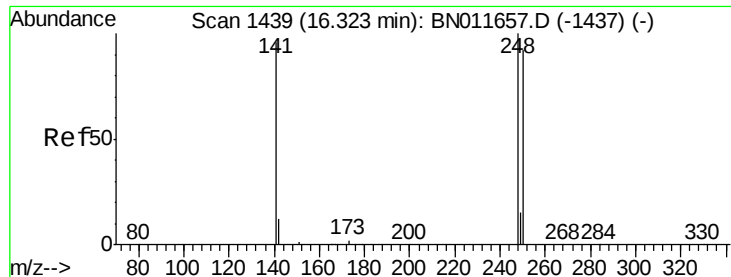
Tot Ion:188 Resp: 14442
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 5.1 6.6 9.8#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.399 ng
RT: 15.49 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BN011777.D
Acq: 10 Sep 2020 01:48

Tgt Ion:198 Resp: 888
Ion Ratio Lower Upper
198 100
51 85.0 58.6 87.8
105 56.4 31.7 47.5#





#21

4-Bromophenyl-phenylether

Concen: 0.379 ng

RT: 16.31 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BN011777.D

Acq: 10 Sep 2020 01:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

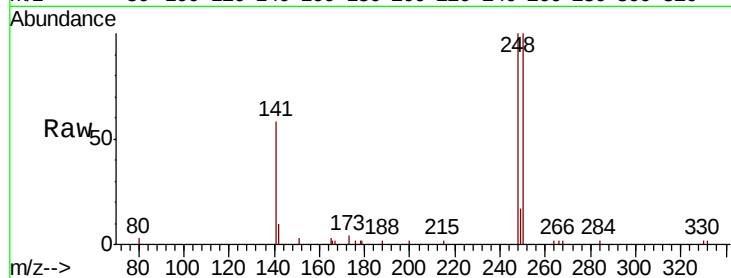
Tot Ion:248 Resp: 3204

Ion Ratio Lower Upper

248 100

250 99.6 73.9 110.9

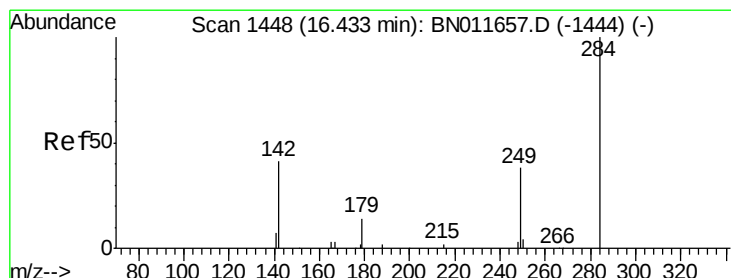
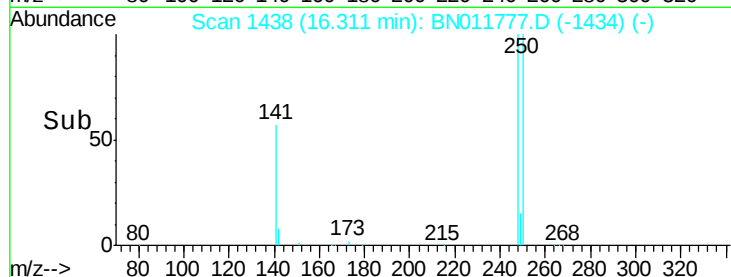
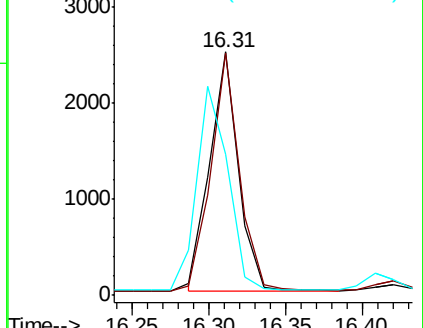
141 58.0 79.8 119.6#



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: 0.378 ng

RT: 16.42 min Scan# 1447

Delta R.T. 0.00 min

Lab File: BN011777.D

Acq: 10 Sep 2020 01:48

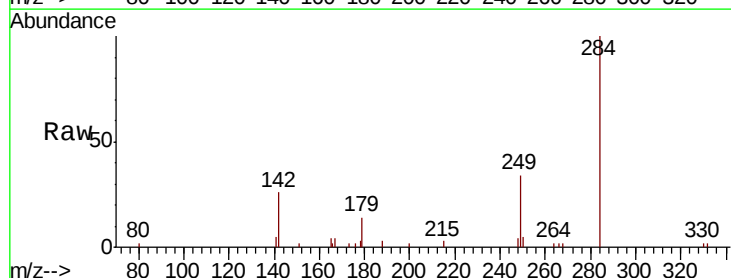
Tgt Ion:284 Resp: 3942

Ion Ratio Lower Upper

284 100

142 38.7 29.0 43.4

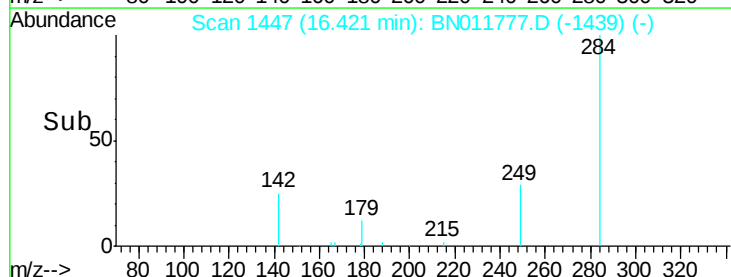
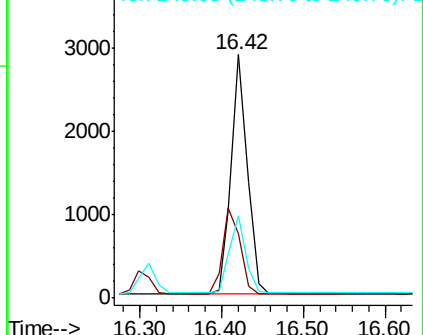
249 32.4 25.7 38.5

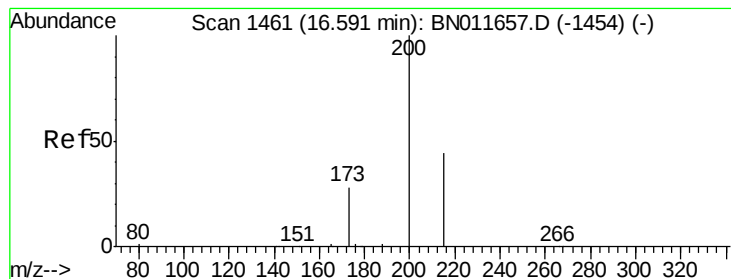


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#23

Atrazine

Concen: 0.251 ng

RT: 16.58 min Scan# 1460

Delta R.T. 0.00 min

Lab File: BN011777.D

Acq: 10 Sep 2020 01:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

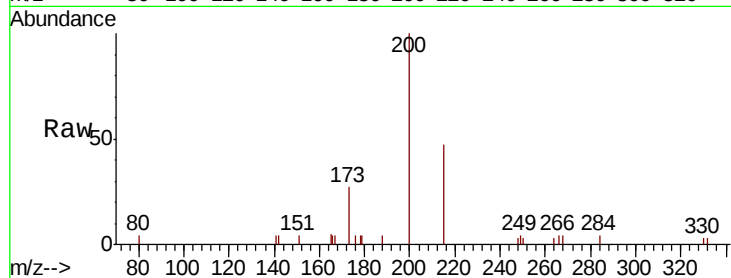
Tot Ion:200 Resp: 1866

Ion Ratio Lower Upper

200 100

173 26.7 24.3 36.5

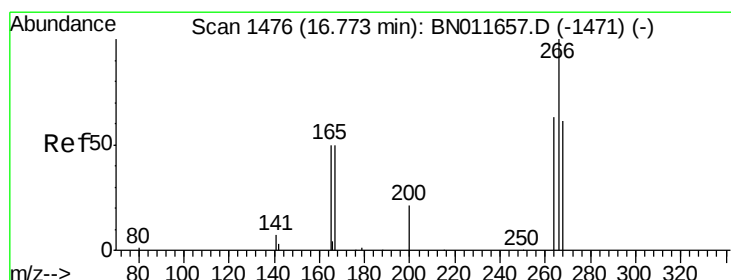
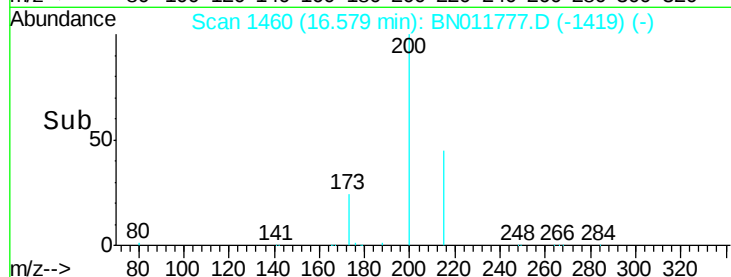
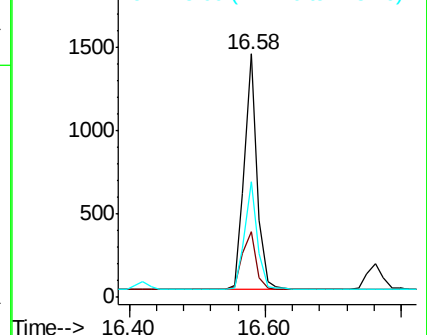
215 47.3 36.4 54.6



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: 0.344 ng

RT: 16.76 min Scan# 1475

Delta R.T. 0.00 min

Lab File: BN011777.D

Acq: 10 Sep 2020 01:48

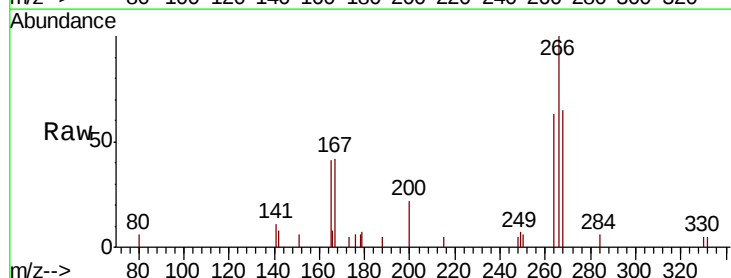
Tgt Ion:266 Resp: 1429

Ion Ratio Lower Upper

266 100

264 60.3 49.5 74.3

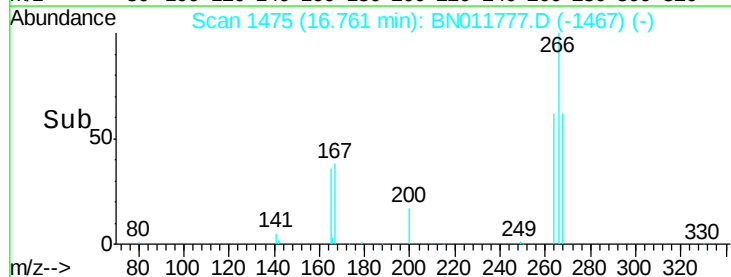
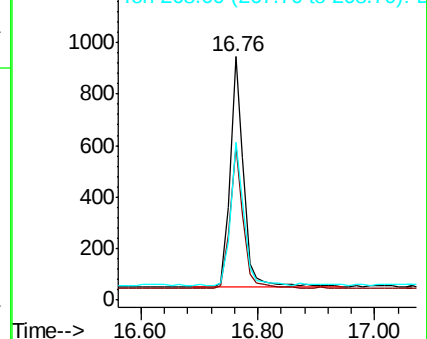
268 61.7 53.0 79.4

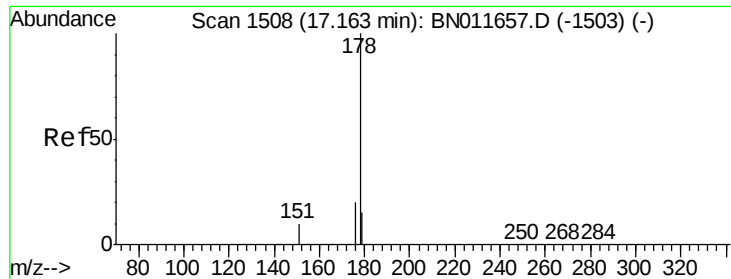


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Phenanthrene

Concen: 0.371 ng

RT: 17.15 min Scan# 1507

Delta R.T. 0.00 min

Lab File: BN011777.D

Acq: 10 Sep 2020 01:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

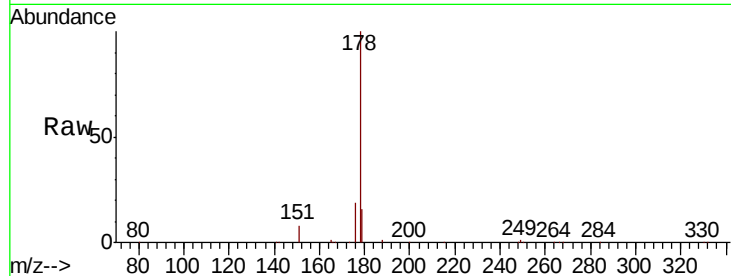
Tot Ion:178 Resp: 17328

Ion Ratio Lower Upper

178 100

176 18.9 15.2 22.8

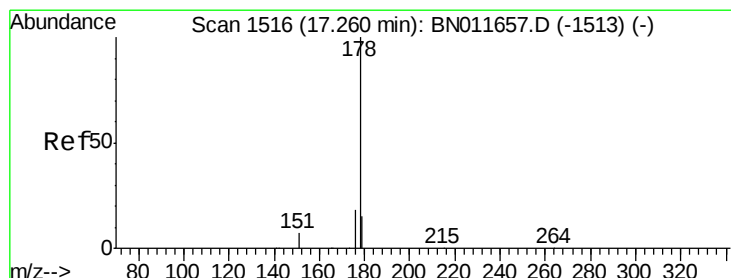
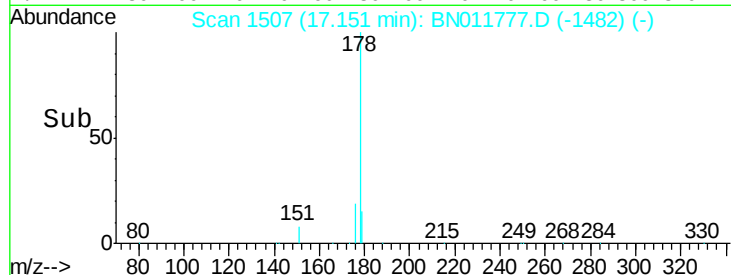
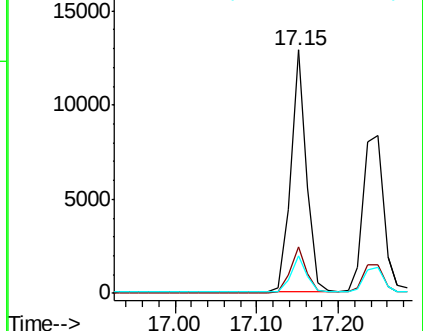
179 15.5 12.4 18.6



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: 0.356 ng

RT: 17.25 min Scan# 1515

Delta R.T. 0.00 min

Lab File: BN011777.D

Acq: 10 Sep 2020 01:48

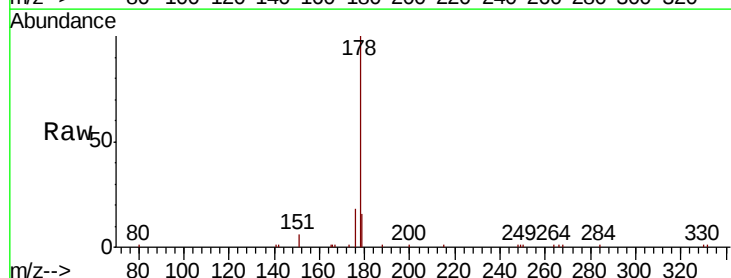
Tgt Ion:178 Resp: 14777

Ion Ratio Lower Upper

178 100

176 18.2 14.5 21.7

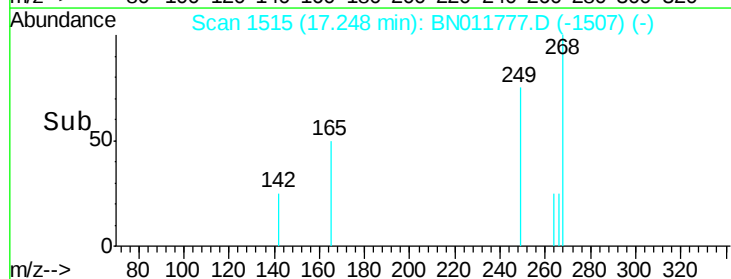
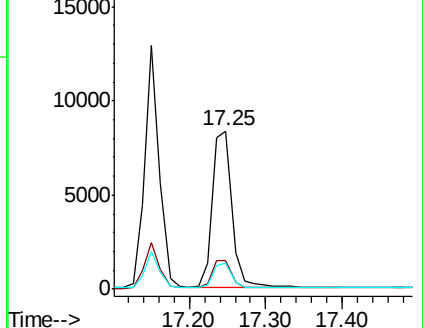
179 15.7 12.2 18.4

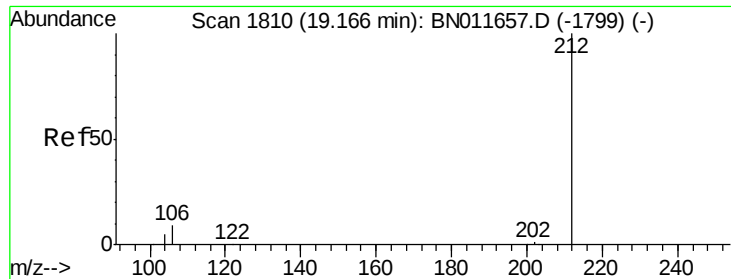


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

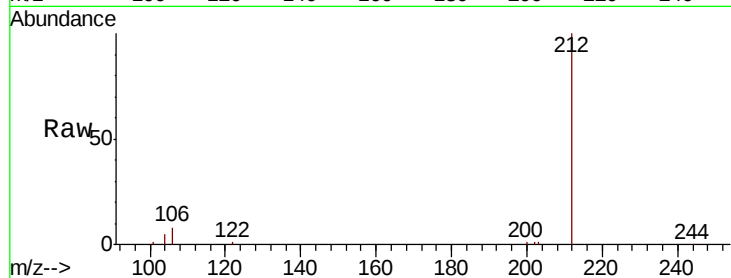




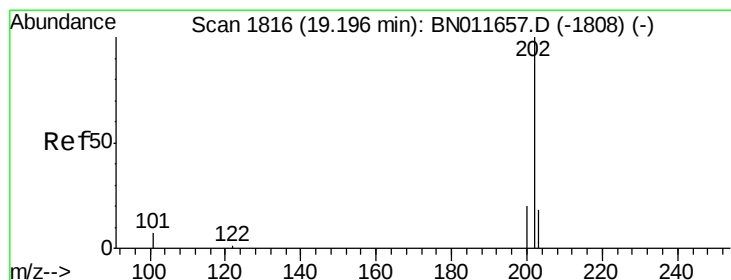
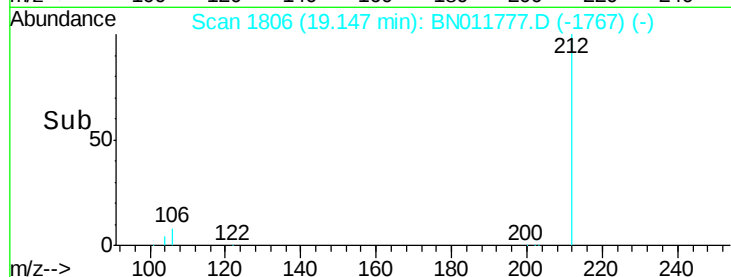
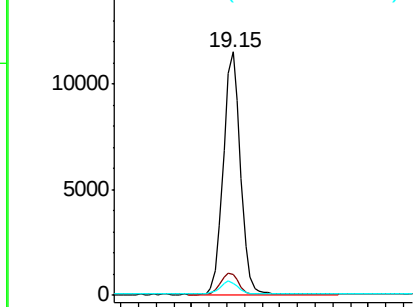
#27
 Fluoranthene-d10
 Concen: 0.335 ng
 RT: 19.15 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: BN011777.D
 Acq: 10 Sep 2020 01:48

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Tot Ion:212 Resp: 15534
 Ion Ratio Lower Upper
 212 100
 106 8.7 7.6 11.4
 104 5.0 4.6 6.8

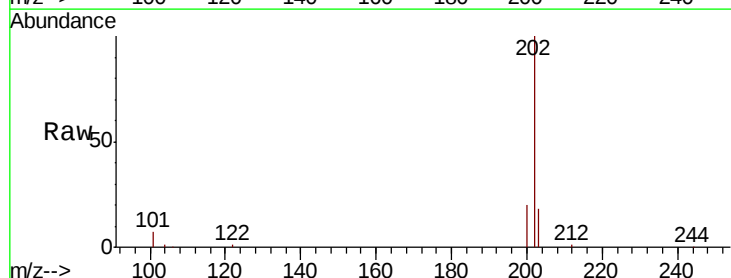


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

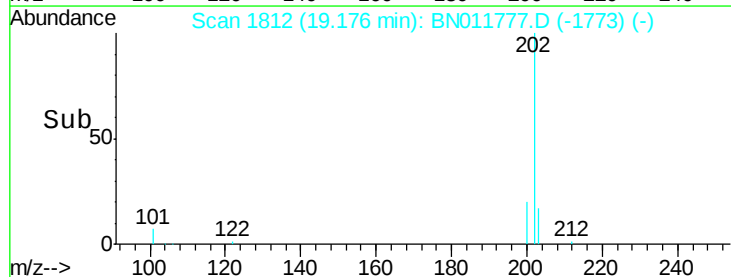
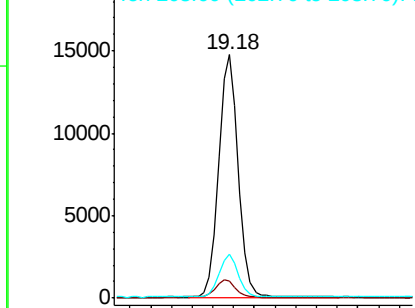


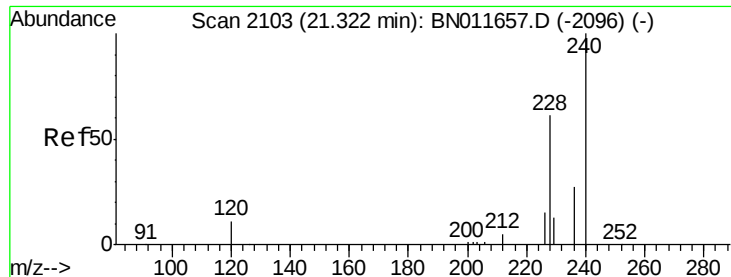
#28
 Fluoranthene
 Concen: 0.344 ng
 RT: 19.18 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: BN011777.D
 Acq: 10 Sep 2020 01:48

Tgt Ion:202 Resp: 19035
 Ion Ratio Lower Upper
 202 100
 101 7.5 6.5 9.7
 203 17.2 13.8 20.6



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

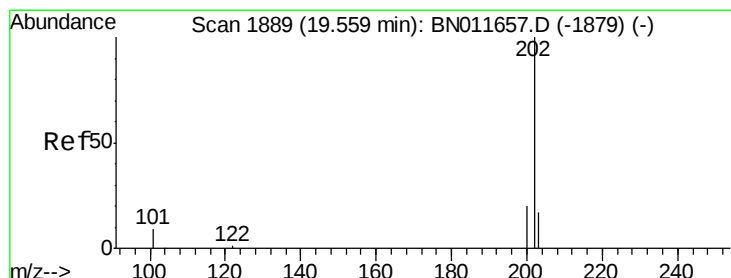
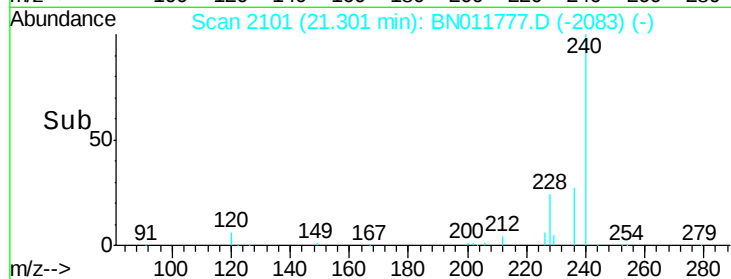
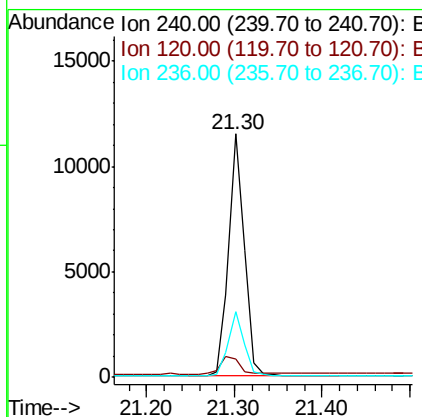
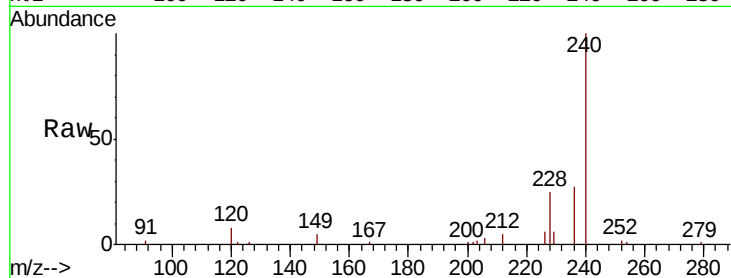




#29
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.30 min Scan# 2101
 Delta R.T. -0.01 min
 Lab File: BN011777.D
 Acq: 10 Sep 2020 01:48

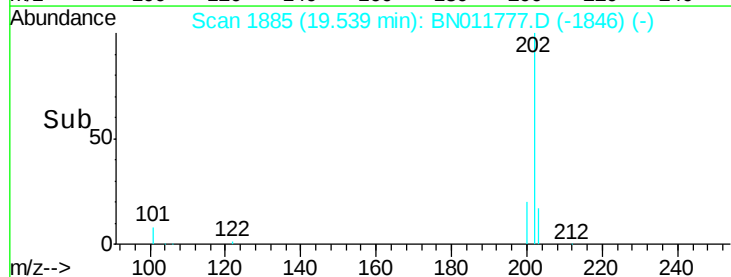
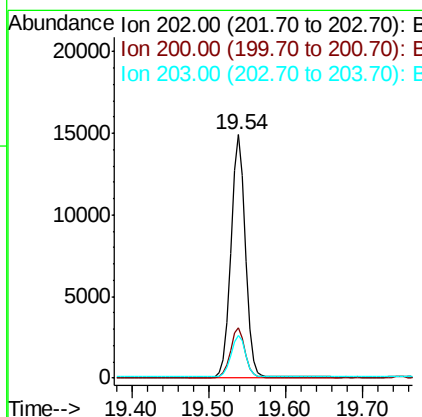
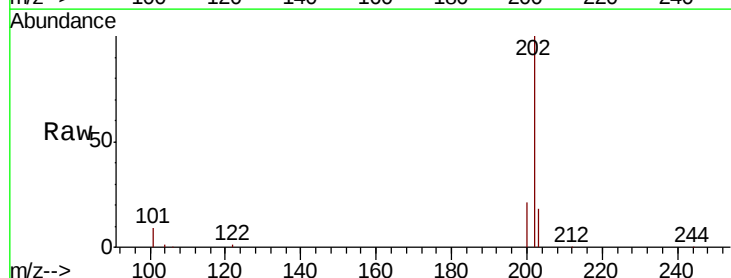
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

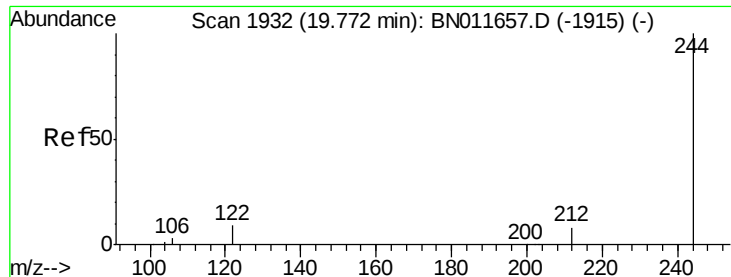
Tot Ion:240 Resp: 14339
 Ion Ratio Lower Upper
 240 100
 120 7.6 9.9 14.9#
 236 27.2 22.2 33.4



#30
 Pyrene
 Concen: 0.384 ng
 RT: 19.54 min Scan# 1885
 Delta R.T. -0.00 min
 Lab File: BN011777.D
 Acq: 10 Sep 2020 01:48

Tgt Ion:202 Resp: 19161
 Ion Ratio Lower Upper
 202 100
 200 20.6 16.3 24.5
 203 17.4 14.1 21.1





#31

Terphenyl-d14

Concen: 0.380 ng

RT: 19.75 min Scan# 1927

Delta R.T. -0.00 min

Lab File: BN011777.D

Acq: 10 Sep 2020 01:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

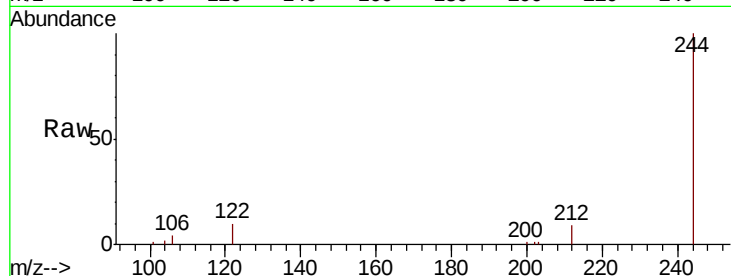
Tot Ion:244 Resp: 13513

Ion Ratio Lower Upper

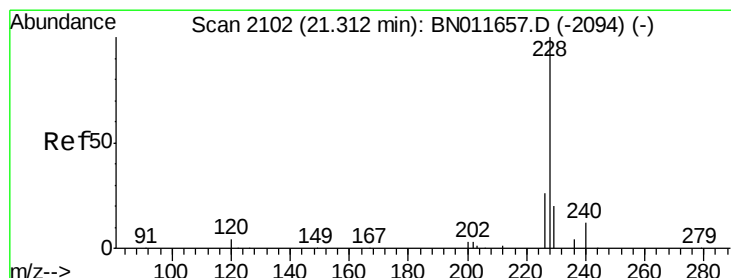
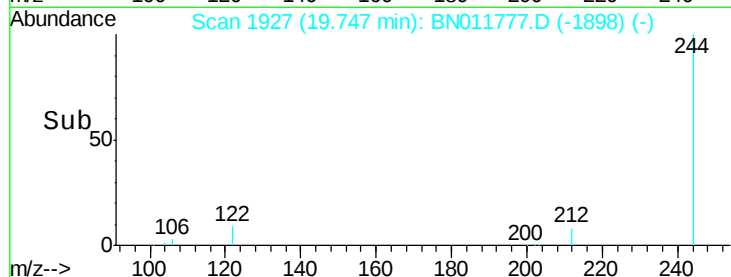
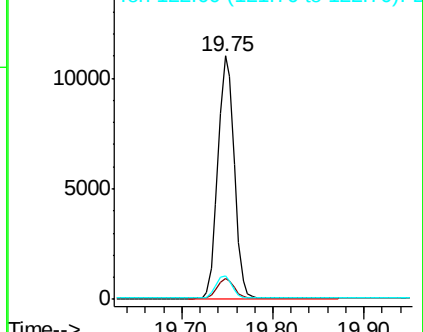
244 100

212 8.8 6.5 9.7

122 9.6 7.4 11.2



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: 0.350 ng

RT: 21.29 min Scan# 2100

Delta R.T. 0.00 min

Lab File: BN011777.D

Acq: 10 Sep 2020 01:48

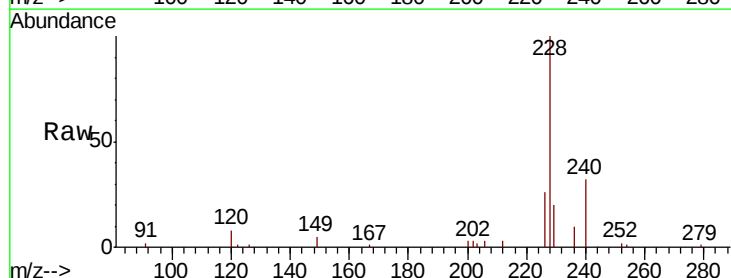
Tgt Ion:228 Resp: 17913

Ion Ratio Lower Upper

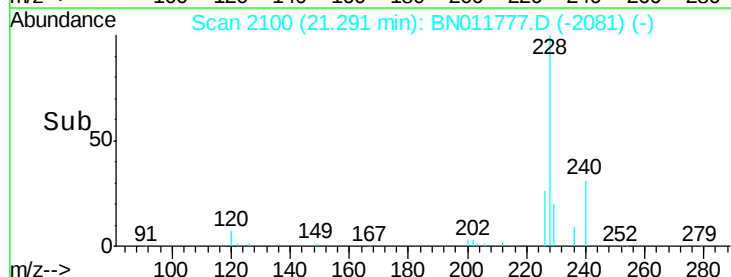
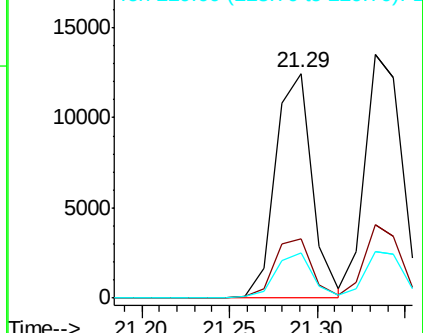
228 100

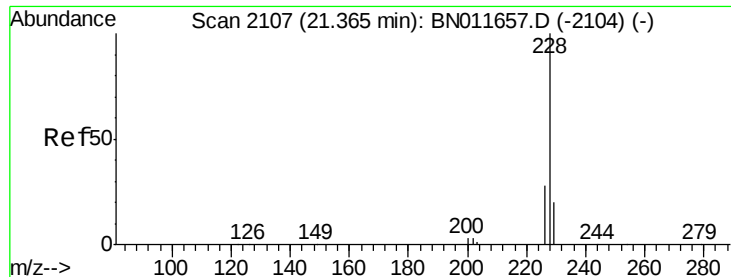
226 26.3 21.2 31.8

229 20.3 16.0 24.0



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

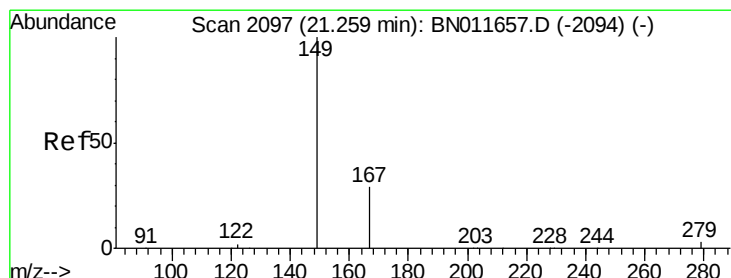
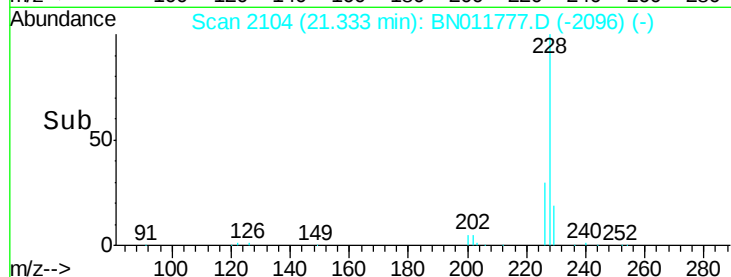
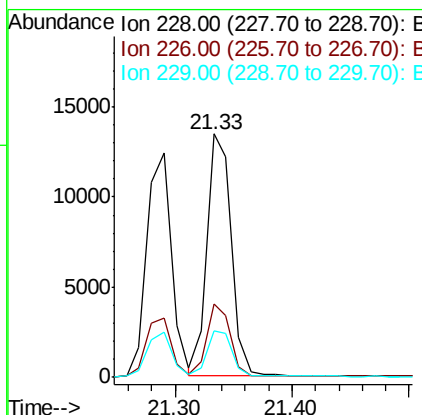
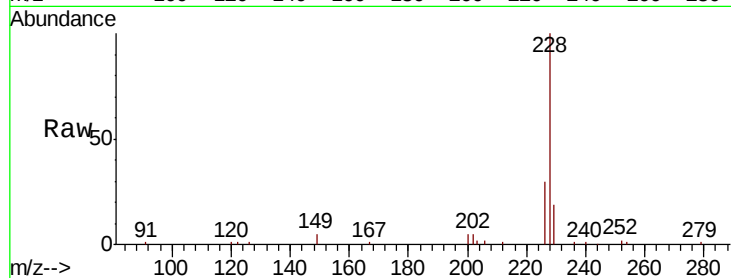




#33
 Chrvsene
 Concen: 0.370 ng
 RT: 21.33 min Scan# 2104
 Delta R.T. -0.01 min
 Lab File: BN011777.D
 Acq: 10 Sep 2020 01:48

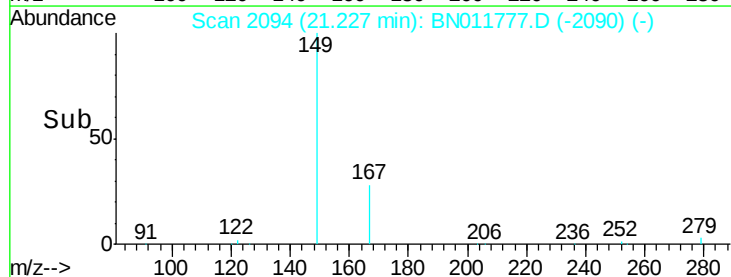
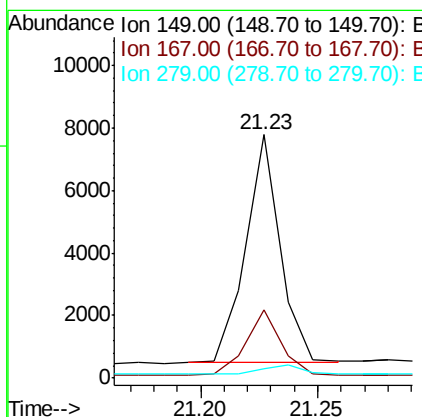
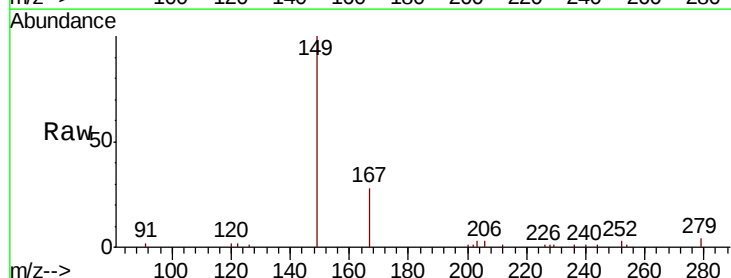
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

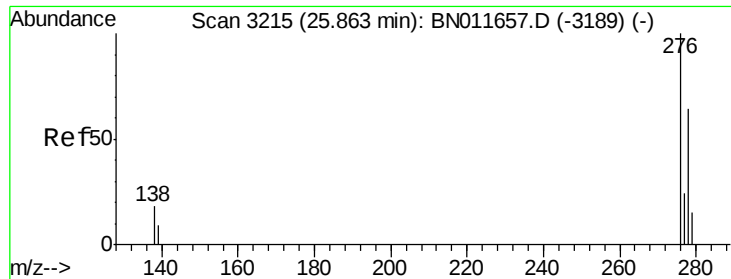
Tot Ion:228 Resp: 19515
 Ion Ratio Lower Upper
 228 100
 226 30.2 22.7 34.1
 229 19.1 15.9 23.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.357 ng
 RT: 21.23 min Scan# 2094
 Delta R.T. -0.01 min
 Lab File: BN011777.D
 Acq: 10 Sep 2020 01:48

Tgt Ion:149 Resp: 7434
 Ion Ratio Lower Upper
 149 100
 167 28.9 23.2 34.8
 279 5.0 4.0 6.0

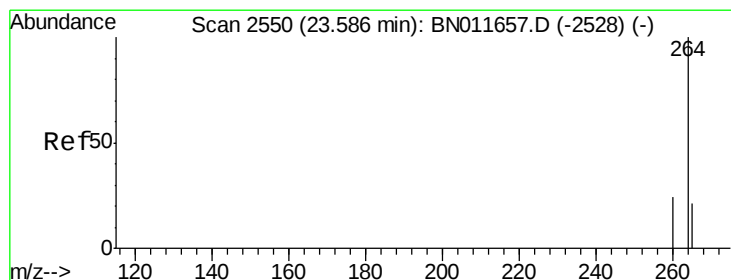
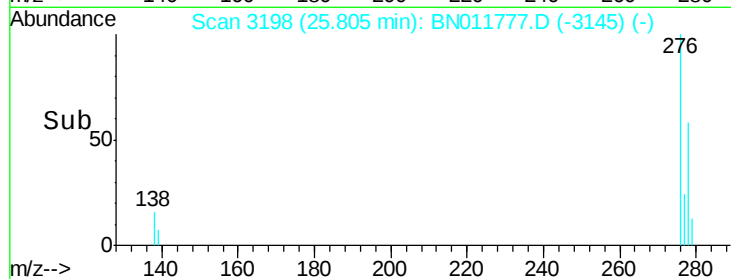
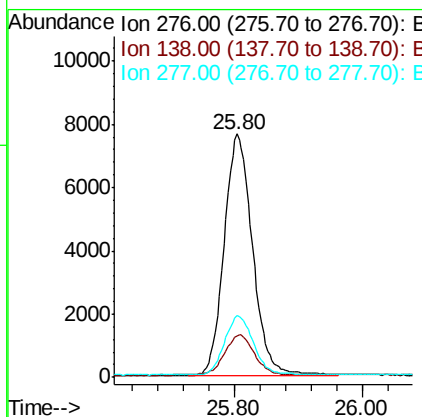
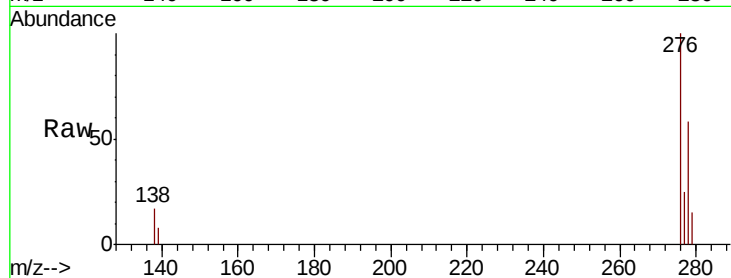




#35
 Indeno(1,2,3-cd)pyrene
 Concen: 0.343 ng
 RT: 25.80 min Scan# 3198
 Delta R.T. -0.02 min
 Lab File: BN011777.D
 Acq: 10 Sep 2020 01:48

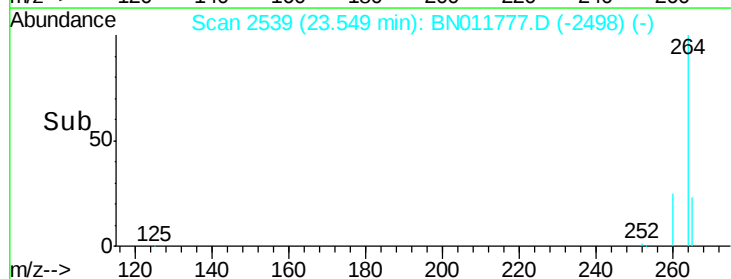
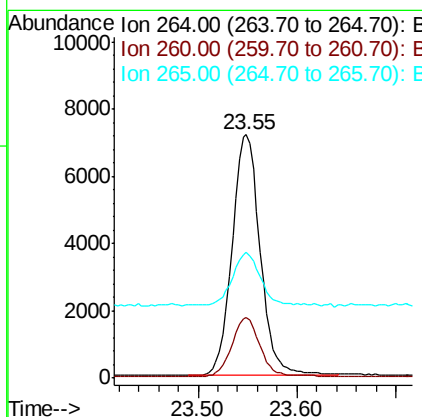
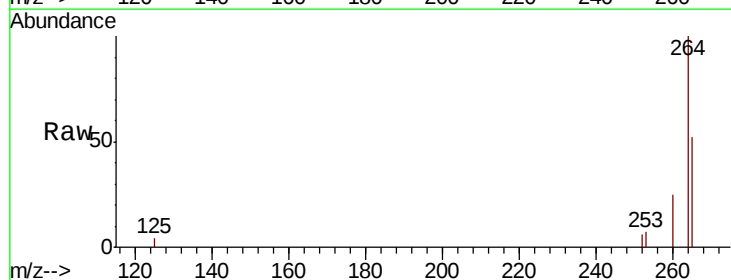
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

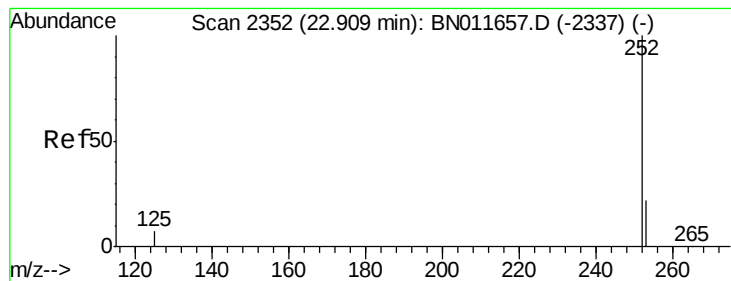
Tot Ion:276 Resp: 23647
 Ion Ratio Lower Upper
 276 100
 138 17.5 15.4 23.2
 277 25.0 20.1 30.1



#36
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.55 min Scan# 2539
 Delta R.T. -0.01 min
 Lab File: BN011777.D
 Acq: 10 Sep 2020 01:48

Tgt Ion:264 Resp: 14138
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.8 29.6
 265 51.9 38.9 58.3





#37

Benzo(b)fluoranthene

Concen: 0.366 ng

RT: 22.87 min Scan# 2342

Delta R.T. -0.01 min

Lab File: BN011777.D

Acq: 10 Sep 2020 01:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

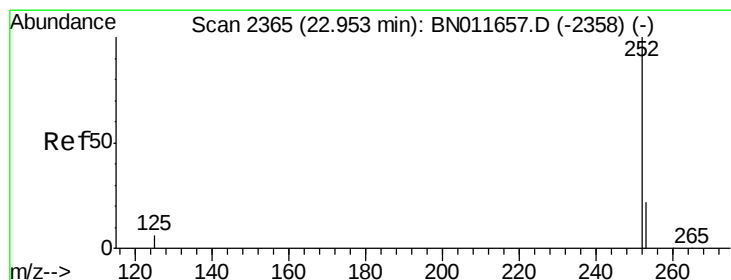
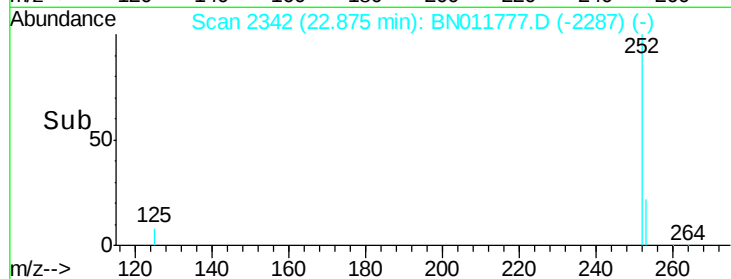
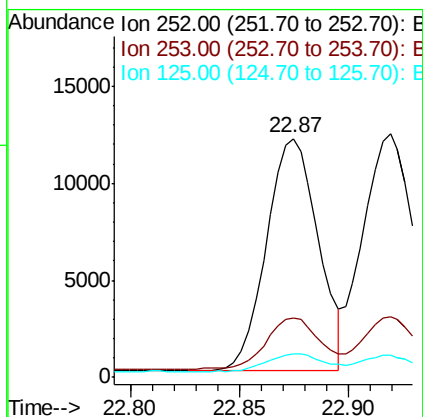
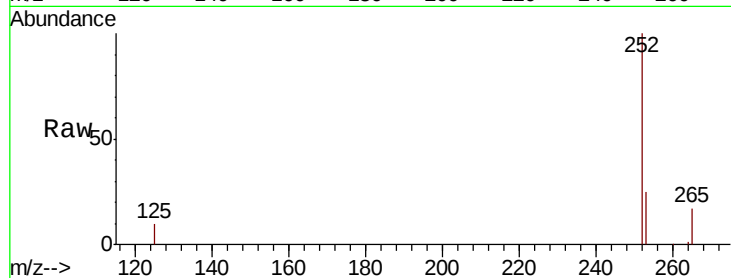
Tot Ion:252 Resp: 19857

Ion Ratio Lower Upper

252 100

253 24.9 19.7 29.5

125 9.9 7.8 11.8



#38

Benzo(k)fluoranthene

Concen: 0.370 ng

RT: 22.92 min Scan# 2355

Delta R.T. -0.01 min

Lab File: BN011777.D

Acq: 10 Sep 2020 01:48

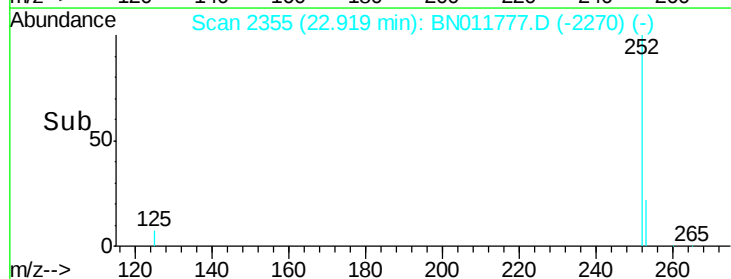
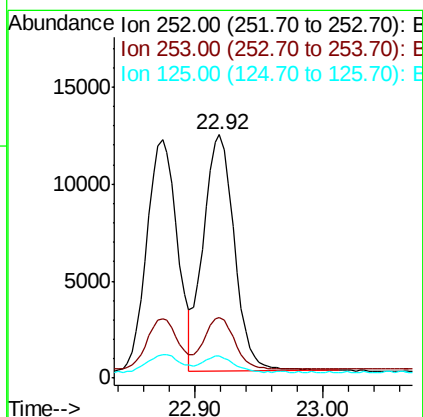
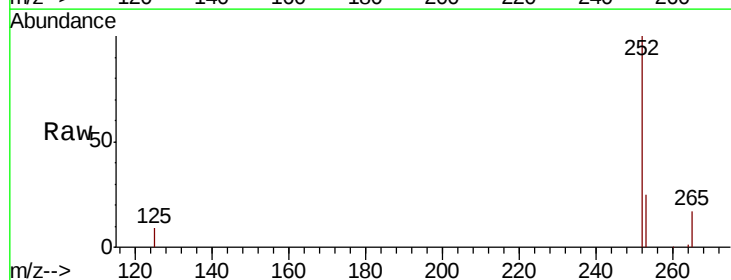
Tgt Ion:252 Resp: 20484

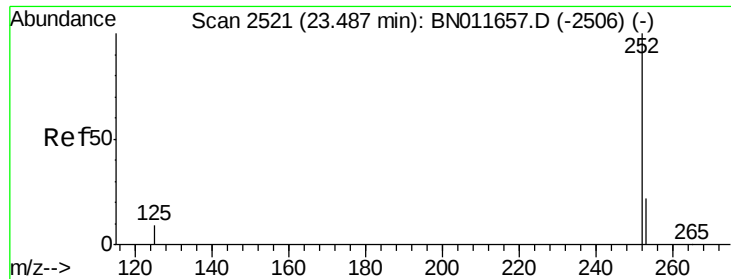
Ion Ratio Lower Upper

252 100

253 24.9 19.4 29.0

125 9.0 8.4 12.6





#39

Benzo(a)pyrene

Concen: 0.361 ng

RT: 23.45 min Scan# 2510

Delta R.T. -0.01 min

Lab File: BN011777.D

Acq: 10 Sep 2020 01:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

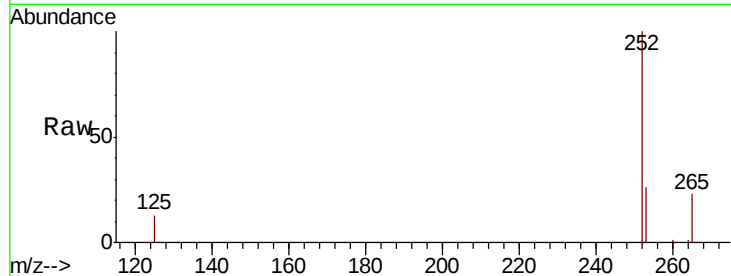
Tot Ion:252 Resp: 17512

Ion Ratio Lower Upper

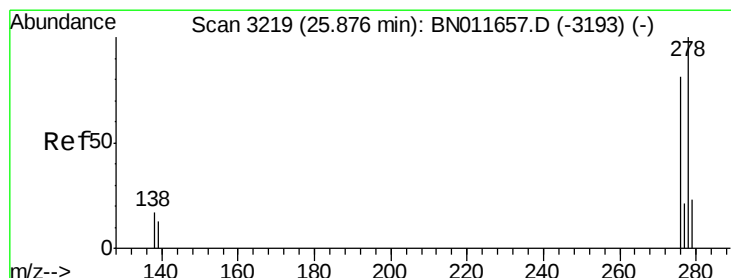
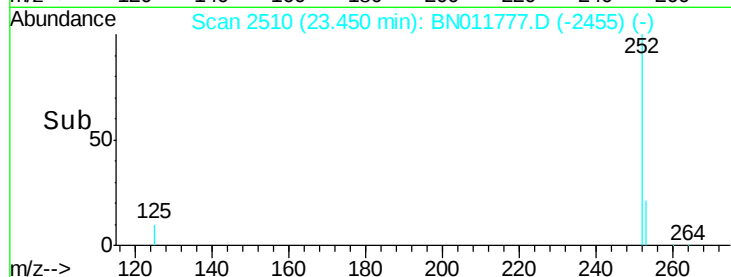
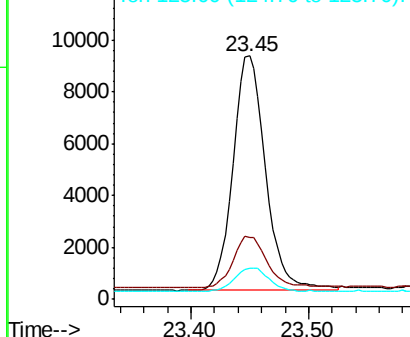
252 100

253 25.6 20.3 30.5

125 12.7 9.8 14.6



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: 0.355 ng

RT: 25.83 min Scan# 3204

Delta R.T. -0.01 min

Lab File: BN011777.D

Acq: 10 Sep 2020 01:48

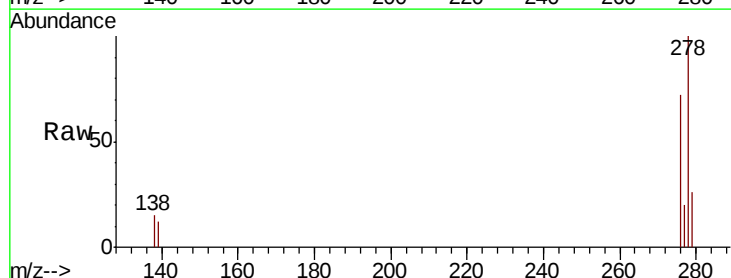
Tgt Ion:278 Resp: 19434

Ion Ratio Lower Upper

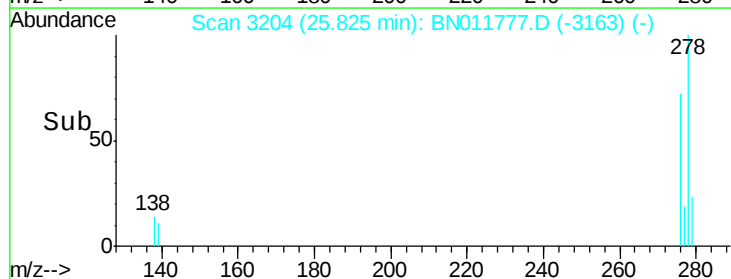
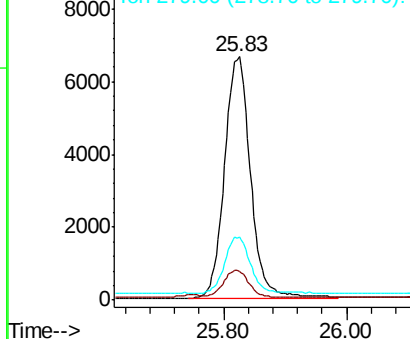
278 100

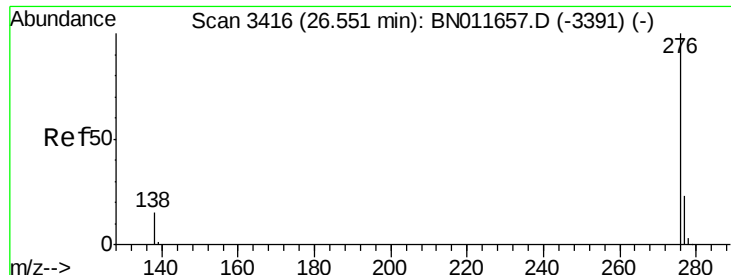
139 11.8 11.0 16.6

279 25.8 20.5 30.7



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: 0.360 ng

RT: 26.50 min Scan# 3400

Delta R.T. -0.01 min

Lab File: BN011777.D

Acq: 10 Sep 2020 01:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

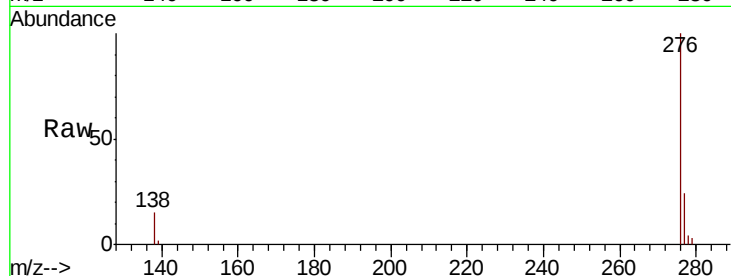
Tot Ion: 276 Resp: 19272

Ion Ratio Lower Upper

276 100

277 24.0 19.7 29.5

138 15.4 13.4 20.2



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

