

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062220\
 Data File : BN011002.D
 Acq On : 22 Jun 2020 10:53
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Jun 22 12:03:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 22 12:02:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	2084	0.40	ng	0.00
7) Naphthalene-d8	10.28	136	6623	0.40	ng	0.00
13) Acenaphthene-d10	14.15	164	3446	0.40	ng	0.00
19) Phenanthrene-d10	16.91	188	6996	0.40	ng	0.00
27) Chrysene-d12	21.12	240	6649	0.40	ng	0.00
34) Perylene-d12	23.26	264	7048	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	1846	0.46	ng	0.00
5) Phenol-d6	6.73	99	2045	0.43	ng	0.00
8) Nitrobenzene-d5	8.67	82	2032	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	11.88	152	4091	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.66	330	491	0.40	ng	0.00
15) 2-Fluorobiphenyl	12.78	172	5703	0.42	ng	0.00
25) Fluoranthene-d10	18.94	212	7846	0.41	ng	0.00
29) Terphenyl-d14	19.56	244	6188	0.40	ng	0.00

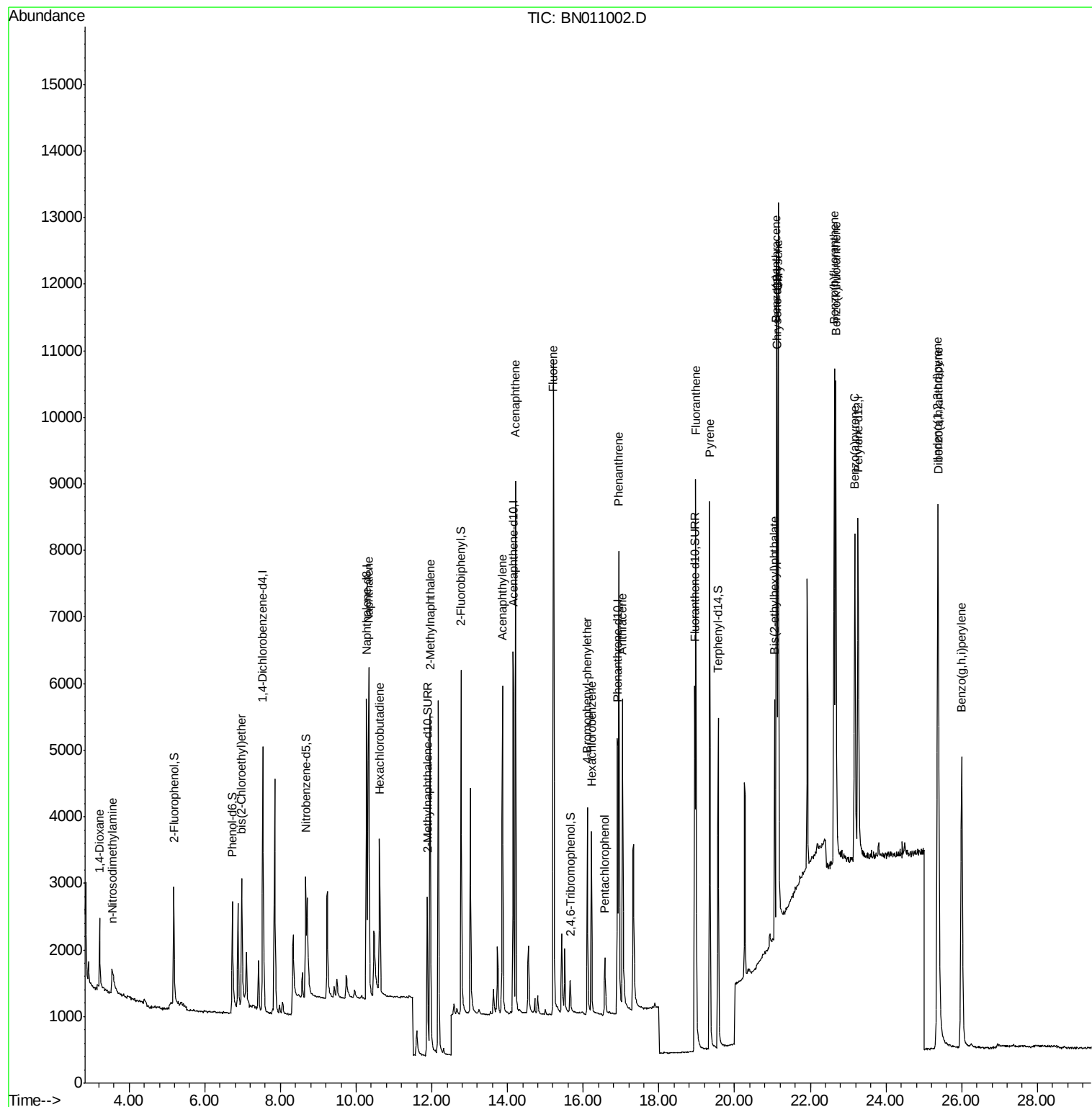
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.22	88	979	0.480	ng	98
3) n-Nitrosodimethylamine	3.55	42	517	0.436	ng	# 98
6) bis(2-Chloroethyl)ether	6.98	93	2024	0.438	ng	97
9) Naphthalene	10.33	128	6959	0.418	ng	100
10) Hexachlorobutadiene	10.62	225	1825	0.444	ng	# 100
12) 2-Methylnaphthalene	11.95	142	4419	0.397	ng	99
16) Acenaphthylene	13.87	152	5869	0.416	ng	100
17) Acenaphthene	14.21	154	3948	0.410	ng	99
18) Fluorene	15.21	166	4938	0.398	ng	98
20) 4-Bromophenyl-phenylether	16.11	248	1878	0.447	ng	99
21) Hexachlorobenzene	16.22	284	2030	0.463	ng	98
22) Pentachlorophenol	16.57	266	542	0.368	ng	98
23) Phenanthrene	16.94	178	7679	0.402	ng	99
24) Anthracene	17.04	178	6320	0.396	ng	100
26) Fluoranthene	18.97	202	8671	0.400	ng	99
28) Pyrene	19.34	202	8617	0.392	ng	100
30) Benzo(a)anthracene	21.10	228	7883	0.403	ng	98
31) Chrysene	21.15	228	9238	0.406	ng	98
32) Bis(2-ethylhexyl)phthalate	21.06	149	2976	0.457	ng	96
33) Indeno(1,2,3-cd)pyrene	25.36	276	11195	0.440	ng	97
35) Benzo(b)fluoranthene	22.63	252	9331	0.389	ng	99
36) Benzo(k)fluoranthene	22.67	252	9794	0.384	ng	99
37) Benzo(a)pyrene	23.17	252	8293	0.403	ng	99
38) Dibenzo(a,h)anthracene	25.38	278	9169	0.391	ng	99
39) Benzo(g,h,i)perylene	26.00	276	9760	0.398	ng	99

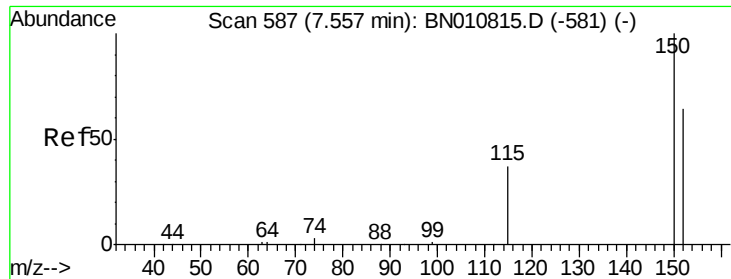
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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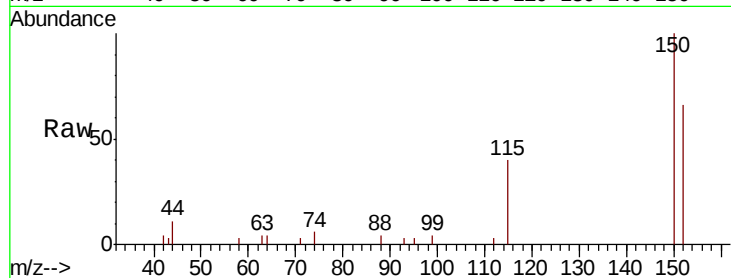


#1

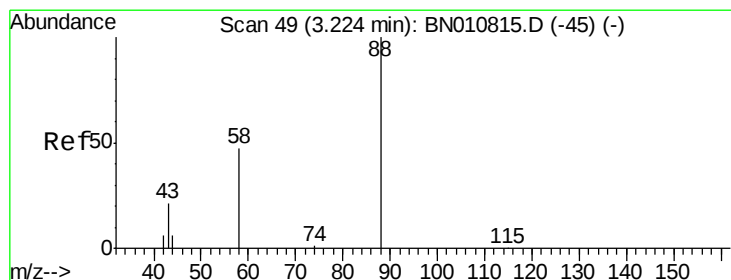
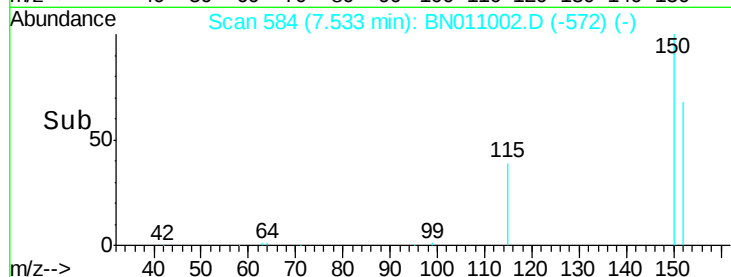
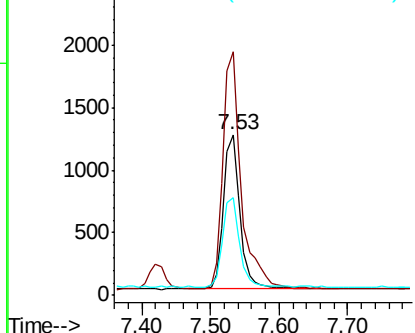
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.53 min Scan# 584
Delta R.T. 0.00 min
Lab File: BN011002.D
Acq: 22 Jun 2020 10:53

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion:152 Resp: 2084
Ion Ratio Lower Upper
152 100
150 151.2 123.8 185.6
115 60.8 49.2 73.8



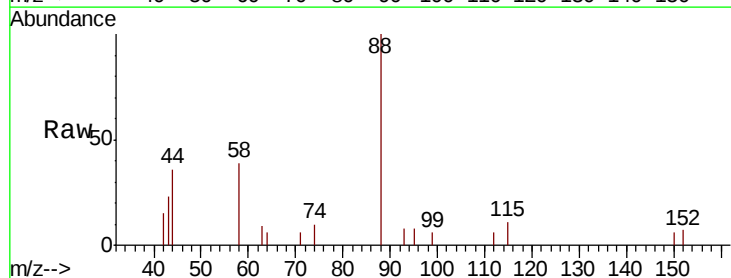
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



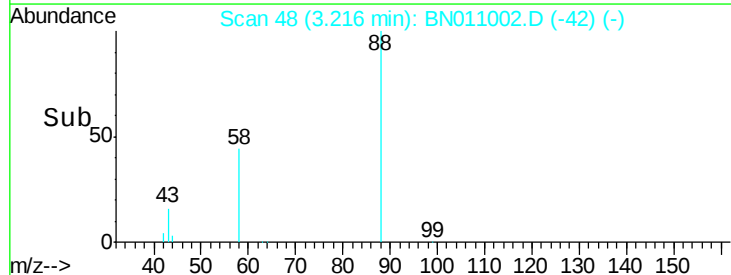
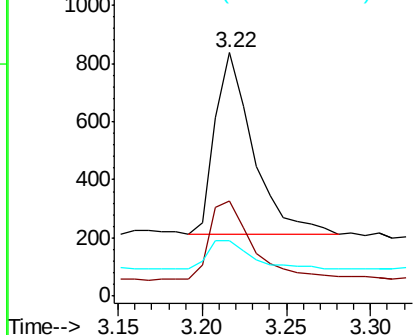
#2

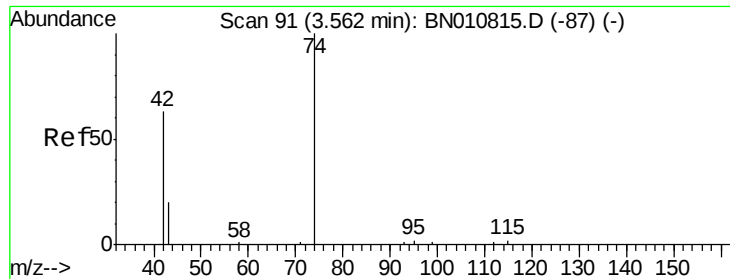
1,4-Dioxane
Concen: 0.480 ng
RT: 3.22 min Scan# 48
Delta R.T. 0.00 min
Lab File: BN011002.D
Acq: 22 Jun 2020 10:53

Tgt Ion: 88 Resp: 979
Ion Ratio Lower Upper
88 100
58 49.0 38.2 57.4
43 18.5 15.1 22.7



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: 0.436 ng

RT: 3.55 min Scan# 90

Delta R.T. 0.00 min

Lab File: BN011002.D

Acq: 22 Jun 2020 10:53

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

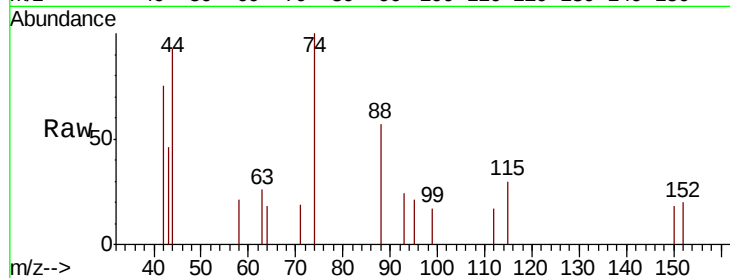
Tot Ion: 42 Resp: 517

Ion Ratio Lower Upper

42 100

74 178.5 140.7 211.1

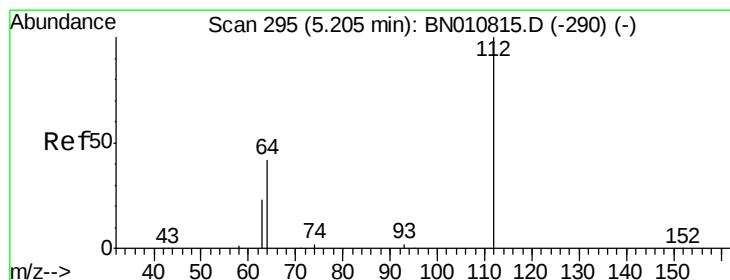
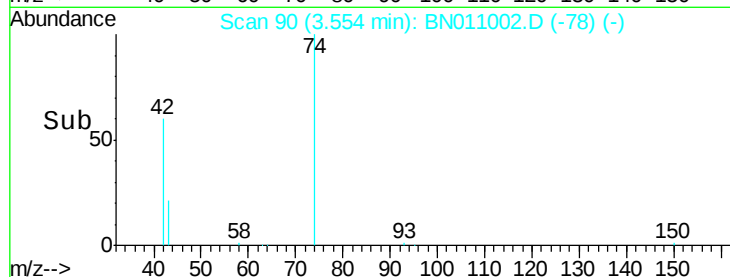
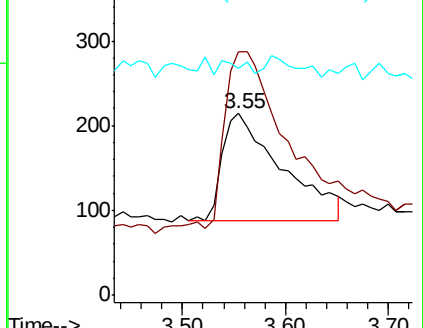
44 6.4 1.4 2.2#



Abundance Ion 42.00 (41.70 to 42.70): BN011002.D (-78) (-)

Ion 74.00 (73.70 to 74.70): BN011002.D (-78) (-)

Ion 44.00 (43.70 to 44.70): BN011002.D (-78) (-)



#4

2-Fluorophenol

Concen: 0.459 ng

RT: 5.18 min Scan# 292

Delta R.T. 0.00 min

Lab File: BN011002.D

Acq: 22 Jun 2020 10:53

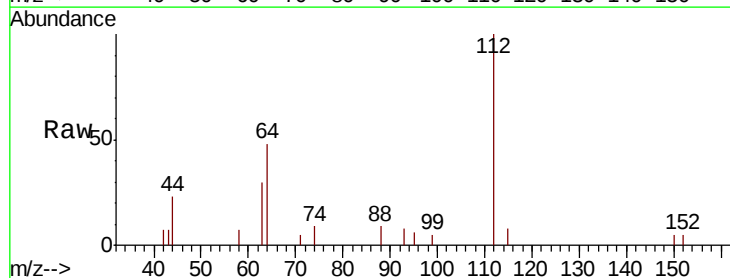
Tgt Ion: 112 Resp: 1846

Ion Ratio Lower Upper

112 100

64 46.2 37.4 56.0

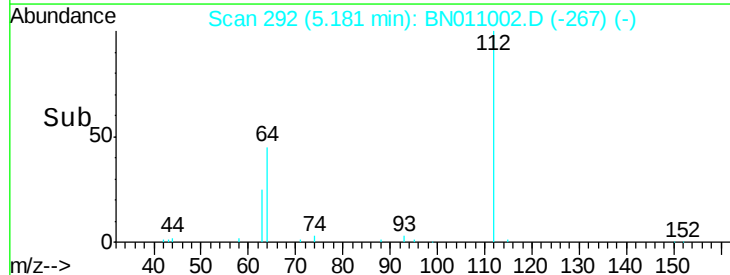
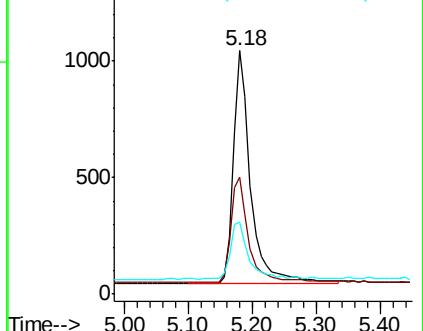
63 25.1 22.2 33.4

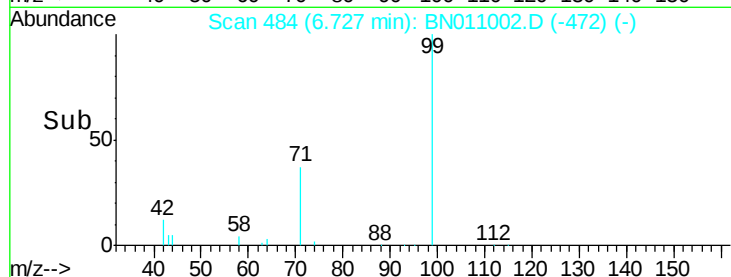
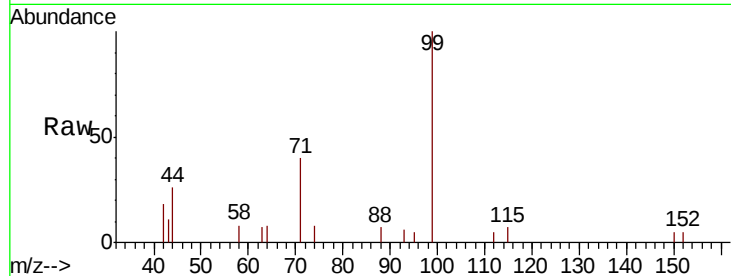


Abundance Ion 112.00 (111.70 to 112.70): BN011002.D (-267) (-)

Ion 64.00 (63.70 to 64.70): BN011002.D (-267) (-)

Ion 63.00 (62.70 to 63.70): BN011002.D (-267) (-)





#5

Phenol-d6

Concen: 0.432 ng

RT: 6.73 min Scan# 484

Delta R.T. 0.00 min

Lab File: BN011002.D

Acq: 22 Jun 2020 10:53

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

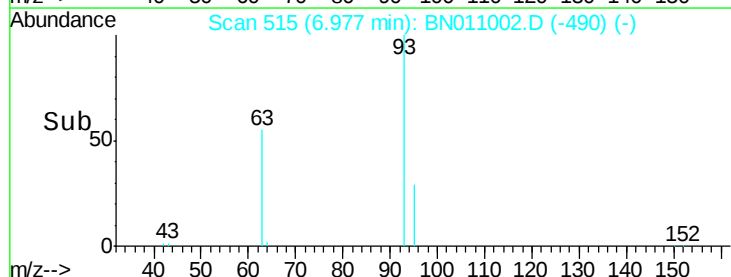
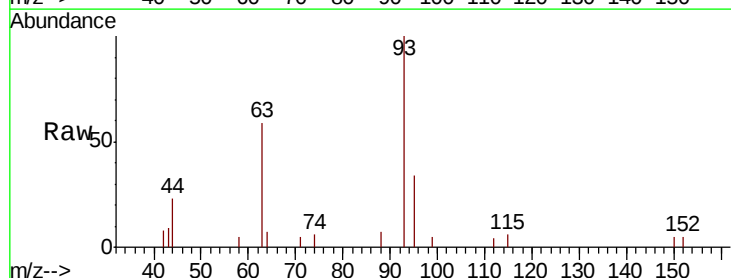
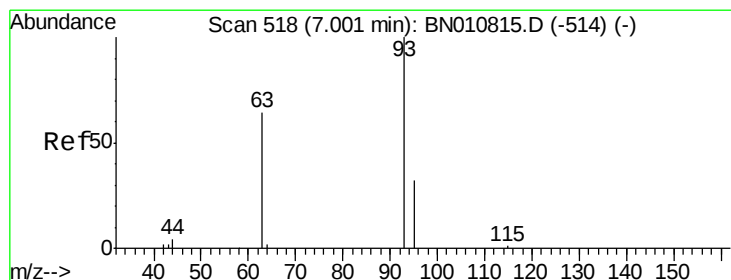
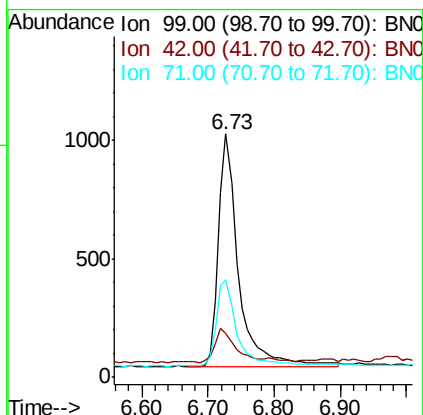
Tot Ion: 99 Resp: 2045

Ion Ratio Lower Upper

99 100

42 15.5 11.1 16.7

71 37.6 31.4 47.2



#6

bis(2-Chloroethyl)ether

Concen: 0.438 ng

RT: 6.98 min Scan# 515

Delta R.T. 0.00 min

Lab File: BN011002.D

Acq: 22 Jun 2020 10:53

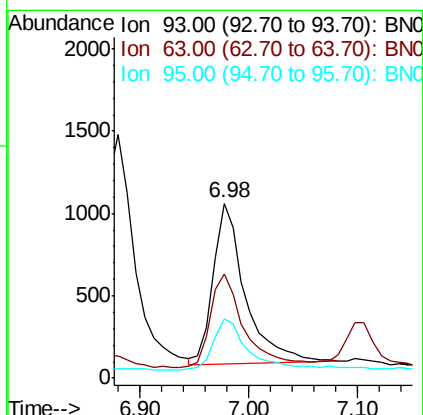
Tgt Ion: 93 Resp: 2024

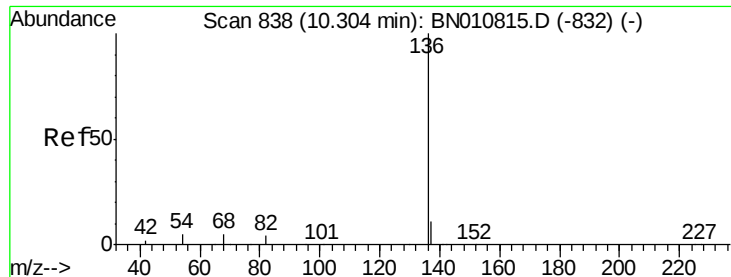
Ion Ratio Lower Upper

93 100

63 60.6 49.4 74.2

95 36.2 26.7 40.1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.28 min Scan# 836

Delta R.T. 0.00 min

Lab File: BN011002.D

Acq: 22 Jun 2020 10:53

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 6623

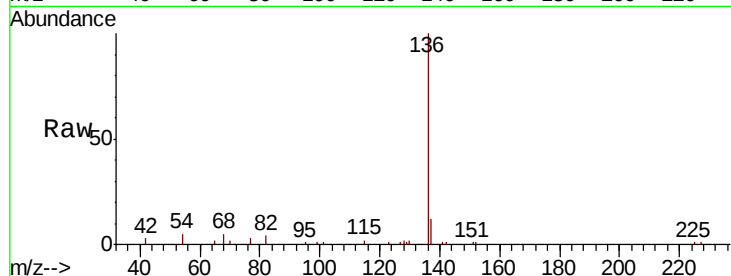
Ion Ratio Lower Upper

136 100

137 11.9 9.7 14.5

54 4.8 4.9 7.3#

68 5.3 4.7 7.1

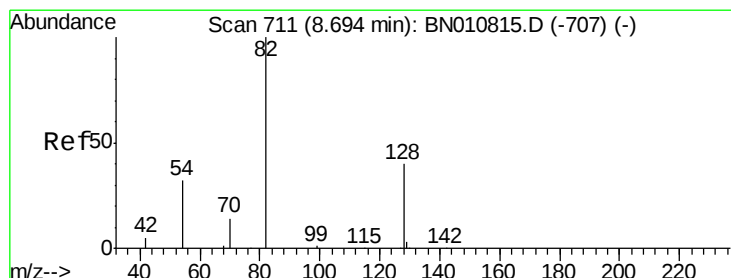
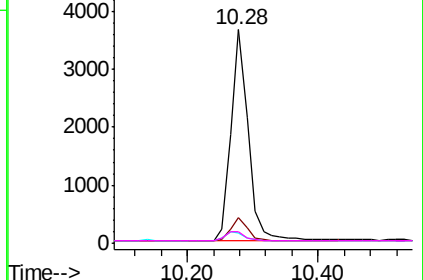
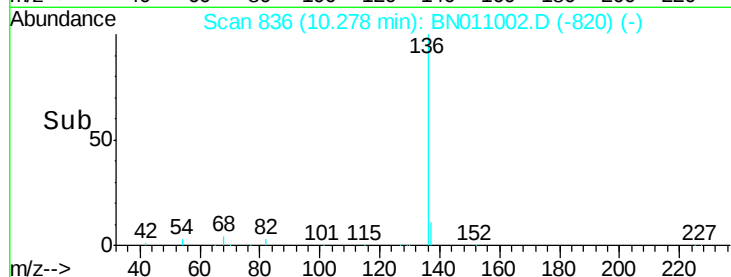


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.415 ng

RT: 8.67 min Scan# 709

Delta R.T. 0.00 min

Lab File: BN011002.D

Acq: 22 Jun 2020 10:53

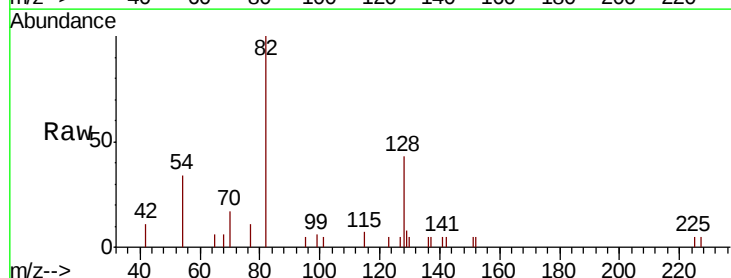
Tgt Ion: 82 Resp: 2032

Ion Ratio Lower Upper

82 100

128 43.2 35.4 53.0

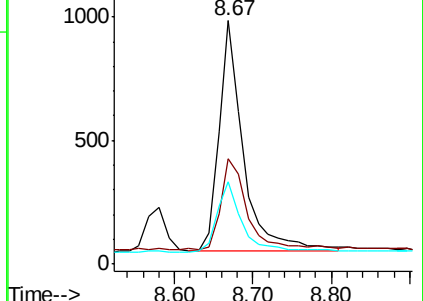
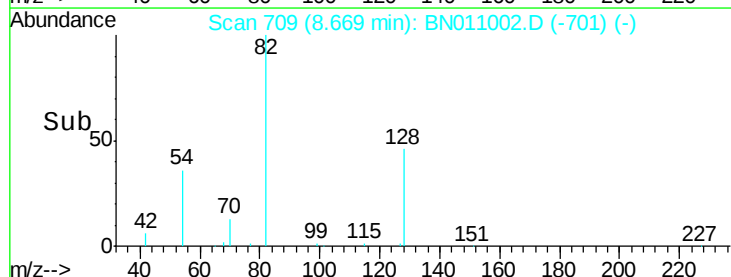
54 34.0 28.2 42.4



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: 0.418 ng

RT: 10.33 min Scan# 840

Delta R.T. 0.00 min

Lab File: BN011002.D

Acq: 22 Jun 2020 10:53

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

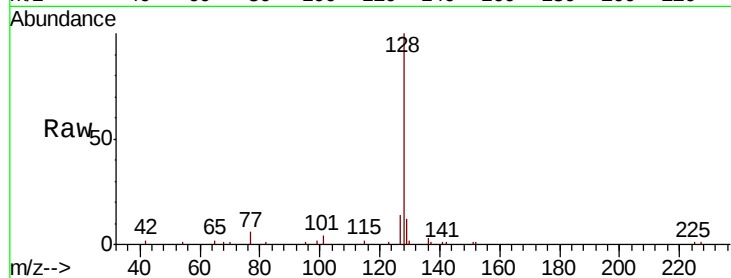
Tot Ion:128 Resp: 6959

Ion Ratio Lower Upper

128 100

129 12.2 9.6 14.4

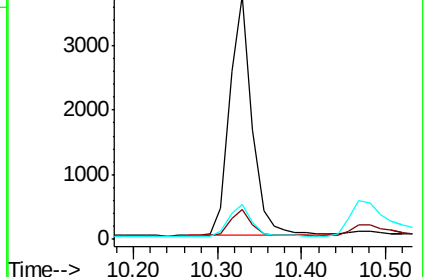
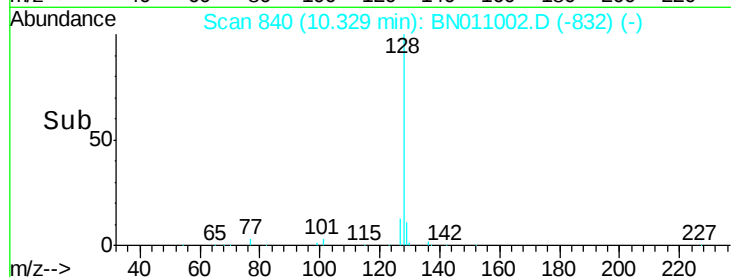
127 14.1 11.4 17.2



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: 0.444 ng

RT: 10.62 min Scan# 863

Delta R.T. 0.00 min

Lab File: BN011002.D

Acq: 22 Jun 2020 10:53

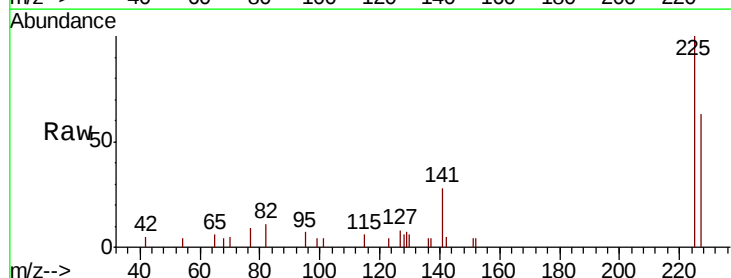
Tgt Ion:225 Resp: 1825

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

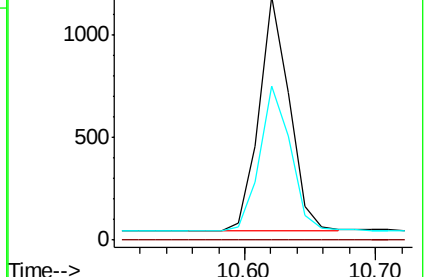
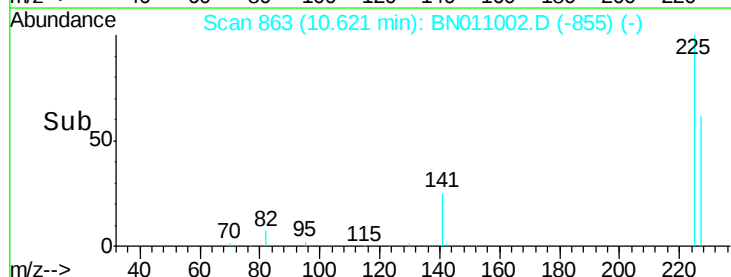
227 63.2 50.5 75.7

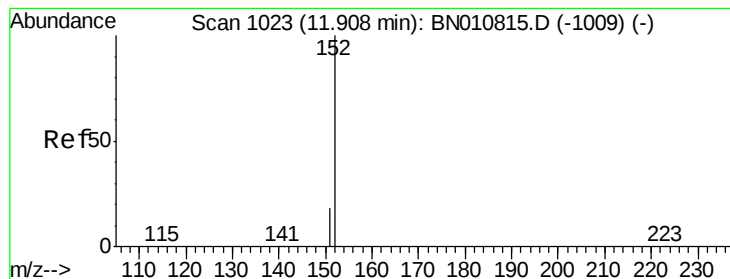


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.398 ng

RT: 11.88 min Scan# 1016

Delta R.T. 0.00 min

Lab File: BN011002.D

Acq: 22 Jun 2020 10:53

Instrument :

BNA_N

ClientSampleId :

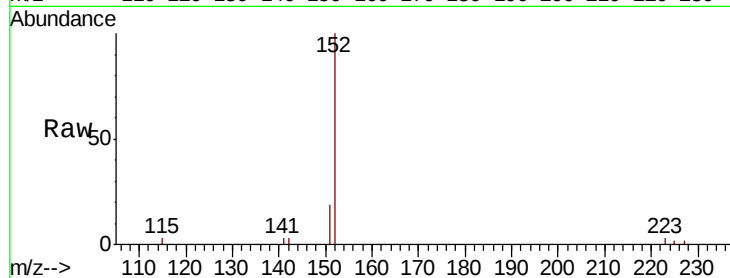
SSTDCCC0.4

Tot Ion:152 Resp: 4091

Ion Ratio Lower Upper

152 100

151 19.6 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.88

2000

1500

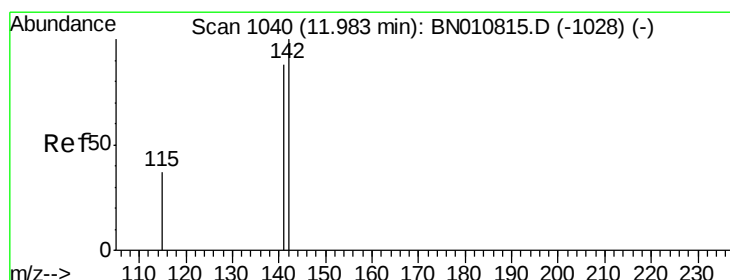
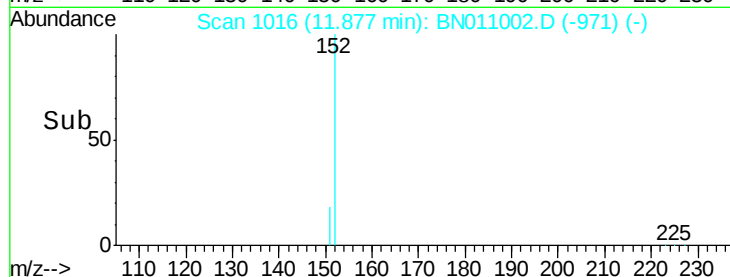
1000

500

0

Time-->

11.80 11.90 12.00



#12

2-Methylnaphthalene

Concen: 0.397 ng

RT: 11.95 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BN011002.D

Acq: 22 Jun 2020 10:53

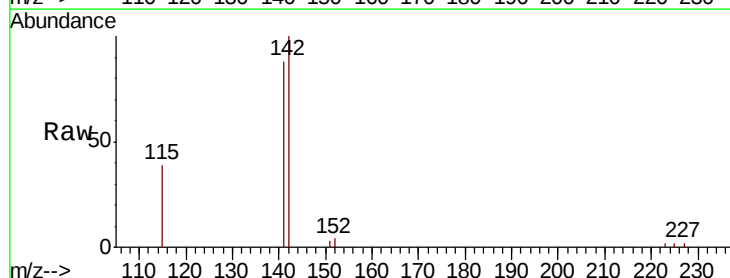
Tgt Ion:142 Resp: 4419

Ion Ratio Lower Upper

142 100

141 87.5 70.8 106.2

115 39.4 31.5 47.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

11.95

3000

2500

2000

1500

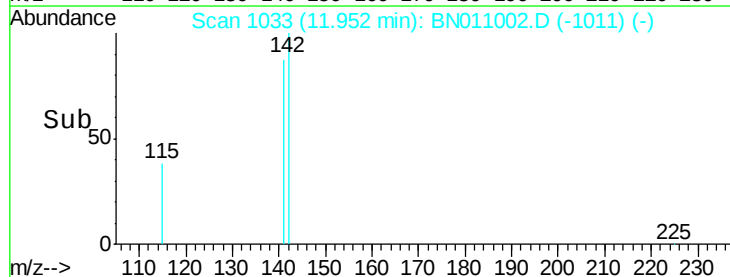
1000

500

0

Time-->

11.90 12.00 12.10





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.15 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BN011002.D

Acq: 22 Jun 2020 10:53

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

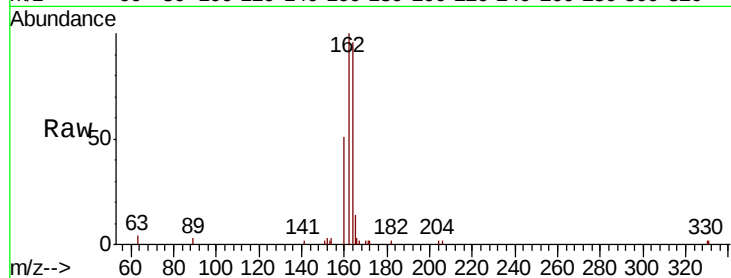
Tot Ion:164 Resp: 3446

Ion Ratio Lower Upper

164 100

162 104.0 81.0 121.6

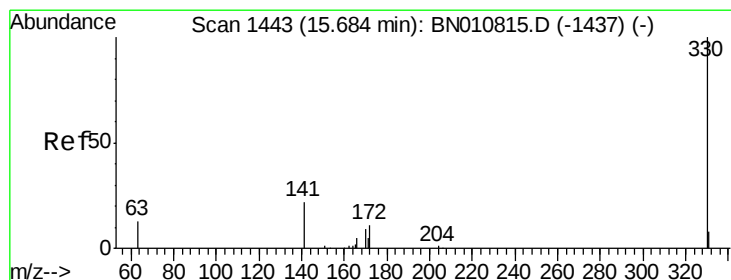
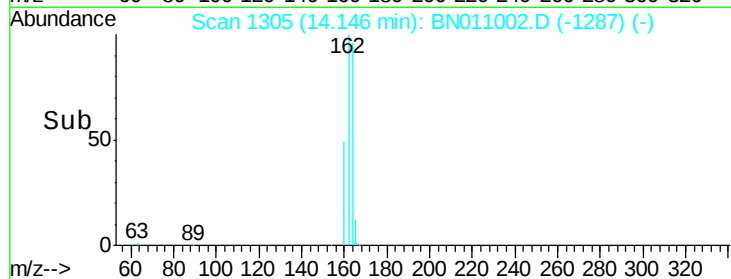
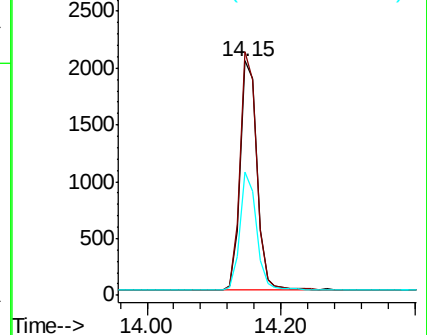
160 52.5 38.9 58.3



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: 0.398 ng

RT: 15.66 min Scan# 1441

Delta R.T. 0.00 min

Lab File: BN011002.D

Acq: 22 Jun 2020 10:53

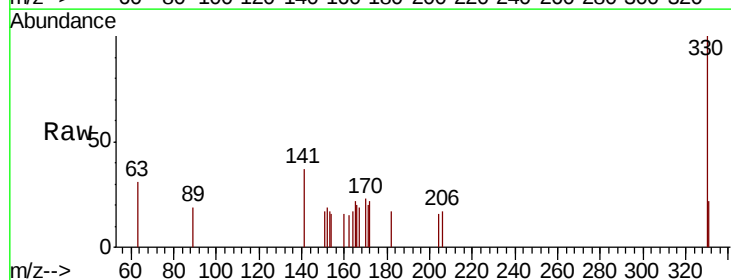
Tgt Ion:330 Resp: 491

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

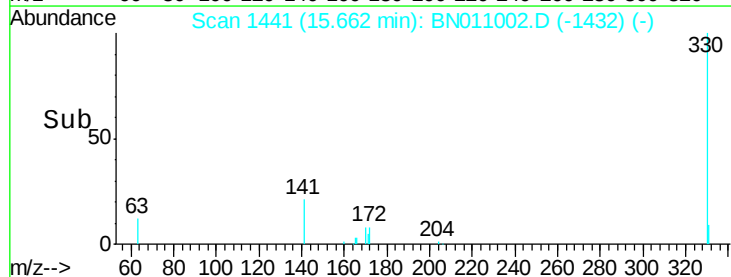
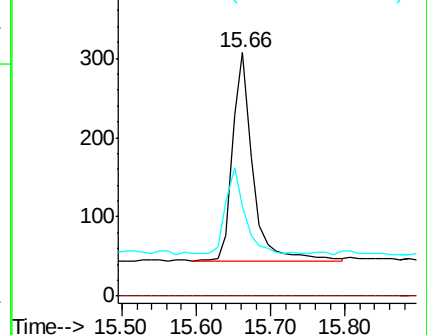
141 38.3 33.2 49.8



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

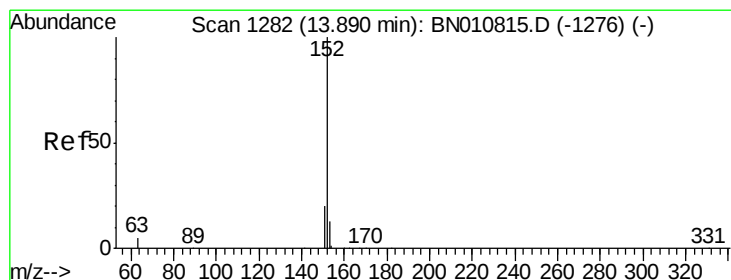
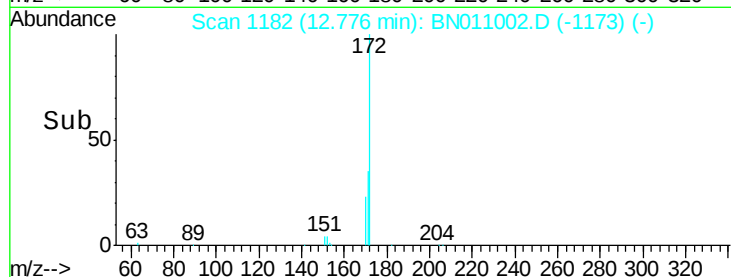
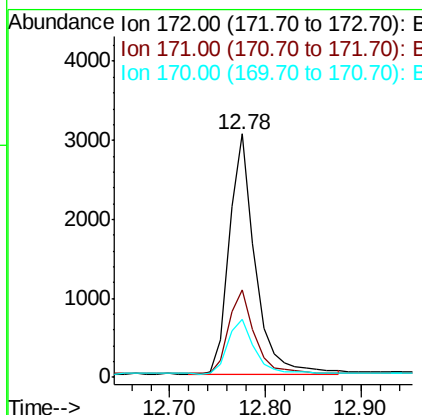
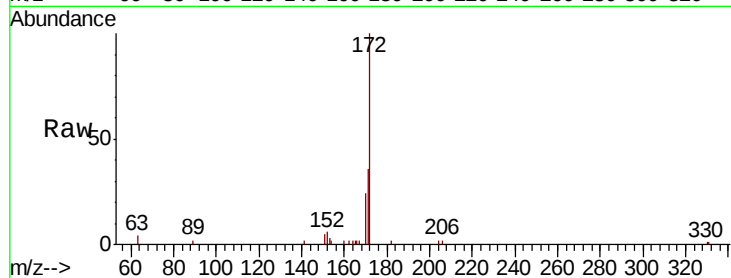




#15
2-Fluorobiphenyl
Concen: 0.419 ng
RT: 12.78 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BN011002.D
Acq: 22 Jun 2020 10:53

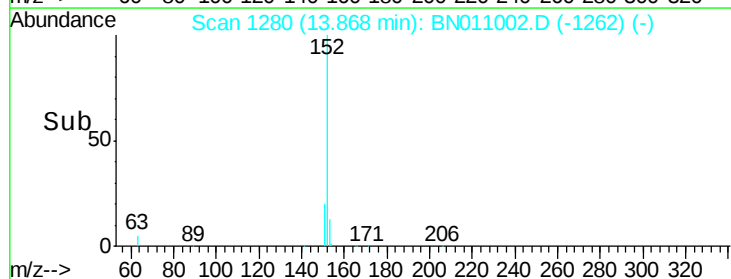
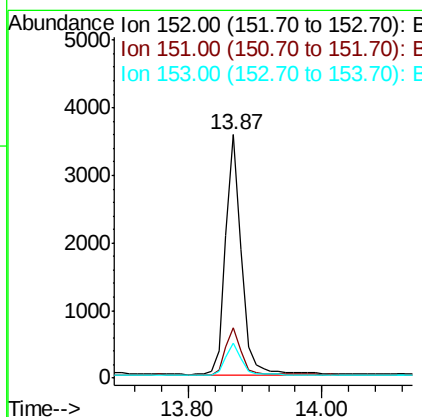
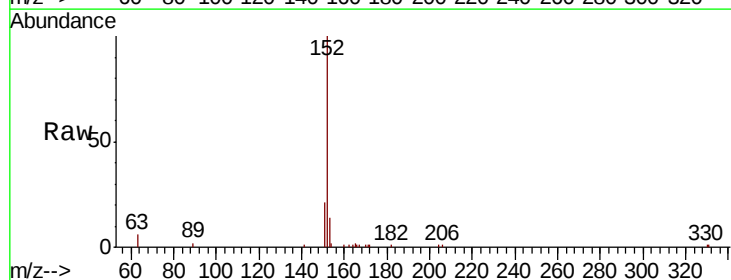
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

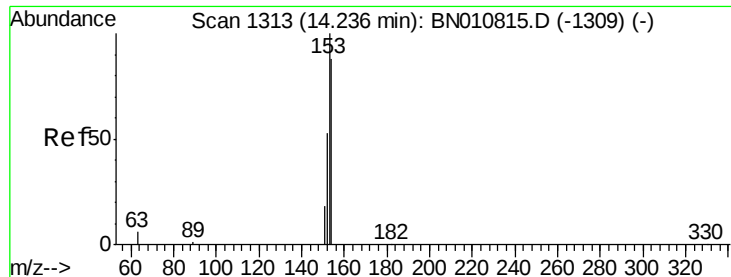
Tot Ion:172 Resp: 5703
Ion Ratio Lower Upper
172 100
171 36.2 28.5 42.7
170 23.9 19.7 29.5



#16
Acenaphthylene
Concen: 0.416 ng
RT: 13.87 min Scan# 1280
Delta R.T. 0.00 min
Lab File: BN011002.D
Acq: 22 Jun 2020 10:53

Tgt Ion:152 Resp: 5869
Ion Ratio Lower Upper
152 100
151 19.6 15.6 23.4
153 13.2 10.6 16.0

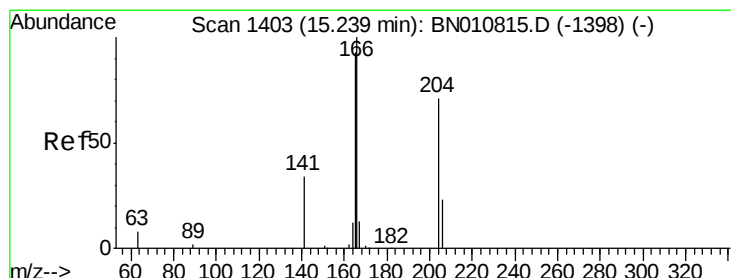
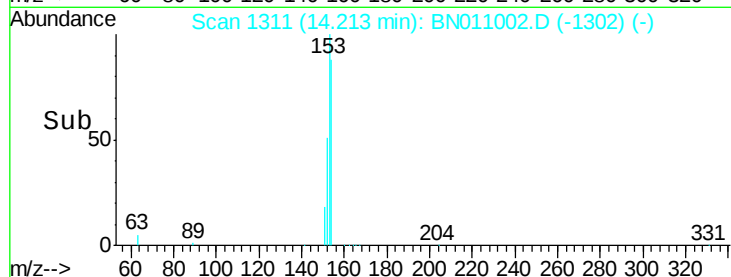
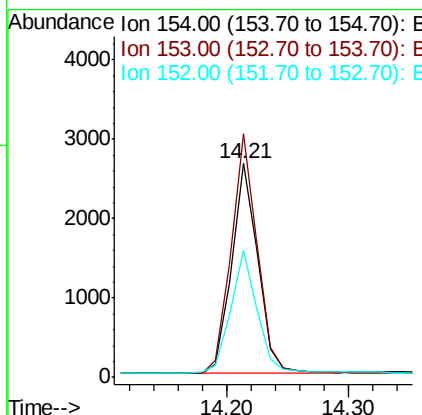
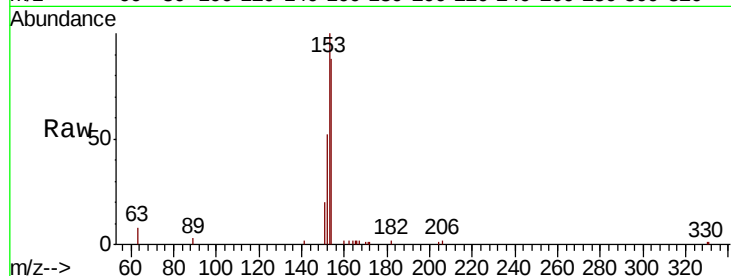




#17
Acenaphthene
Concen: 0.410 ng
RT: 14.21 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BN011002.D
Acq: 22 Jun 2020 10:53

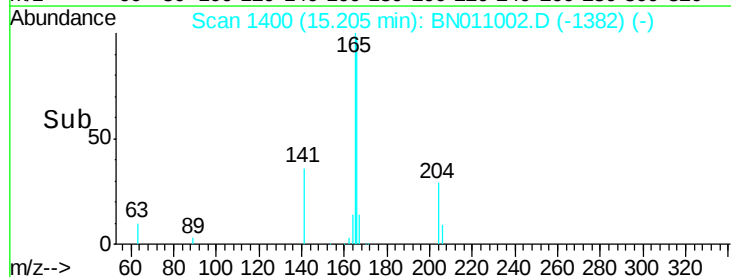
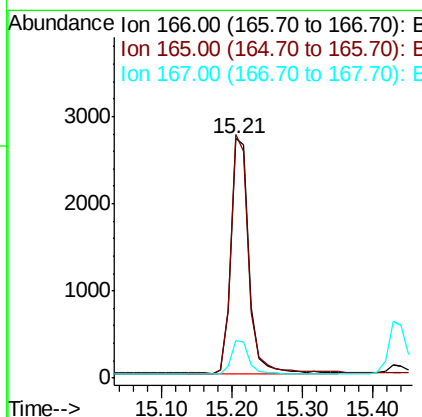
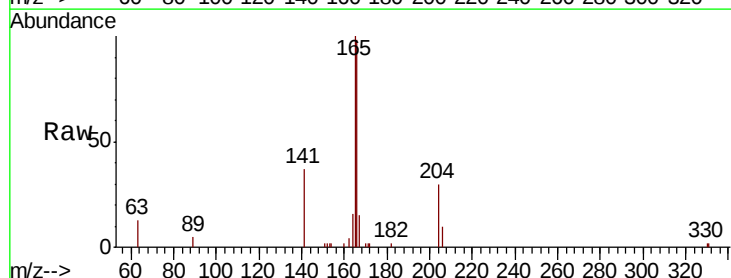
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

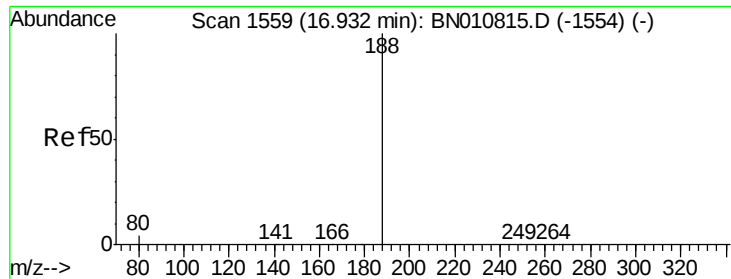
Tot Ion:154 Resp: 3948
Ion Ratio Lower Upper
154 100
153 115.2 91.8 137.6
152 59.1 47.6 71.4



#18
Fluorene
Concen: 0.398 ng
RT: 15.21 min Scan# 1400
Delta R.T. 0.00 min
Lab File: BN011002.D
Acq: 22 Jun 2020 10:53

Tgt Ion:166 Resp: 4938
Ion Ratio Lower Upper
166 100
165 98.6 77.2 115.8
167 13.9 10.7 16.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.91 min Scan# 1557

Delta R.T. 0.00 min

Lab File: BN011002.D

Acq: 22 Jun 2020 10:53

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

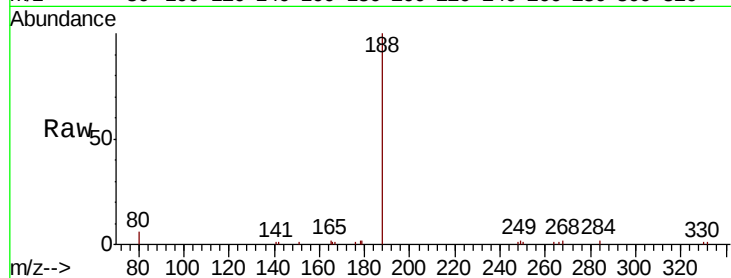
Tot Ion:188 Resp: 6996

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

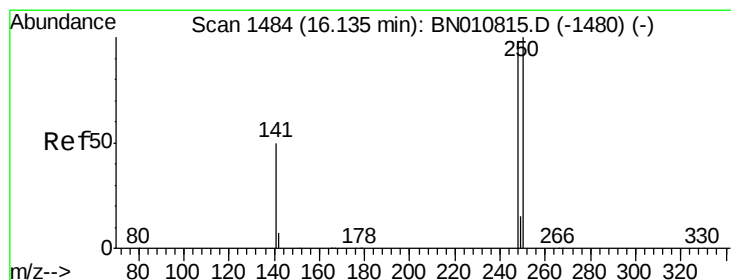
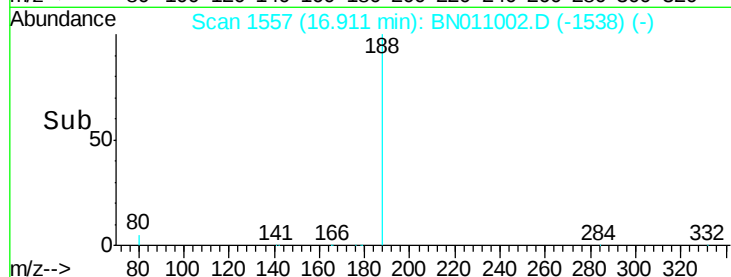
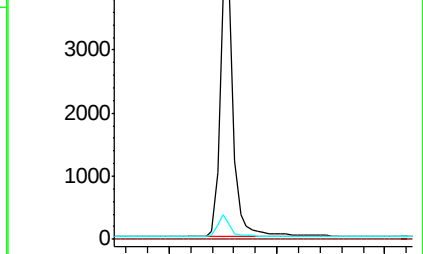
80 5.7 4.5 6.7



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-Bromophenyl-phenylether

Concen: 0.447 ng

RT: 16.11 min Scan# 1482

Delta R.T. 0.00 min

Lab File: BN011002.D

Acq: 22 Jun 2020 10:53

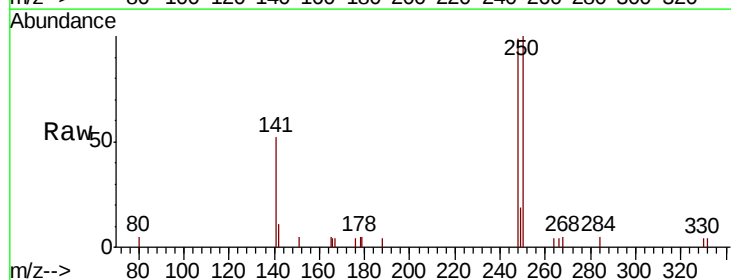
Tgt Ion:248 Resp: 1878

Ion Ratio Lower Upper

248 100

250 101.4 81.8 122.8

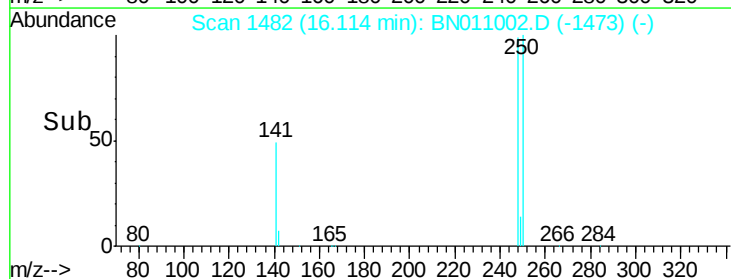
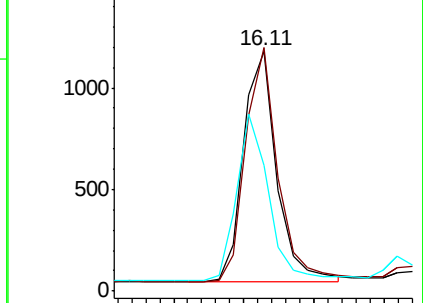
141 52.2 42.6 64.0

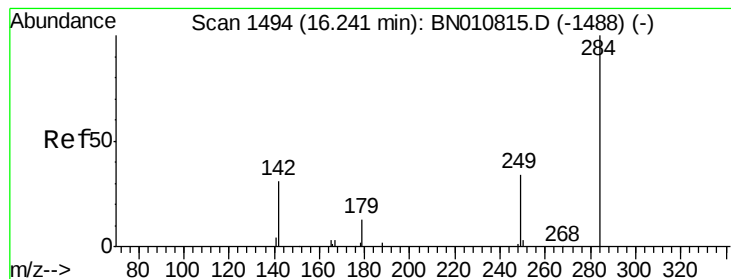


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.463 ng

RT: 16.22 min Scan# 1492

Delta R.T. 0.00 min

Lab File: BN011002.D

Acq: 22 Jun 2020 10:53

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

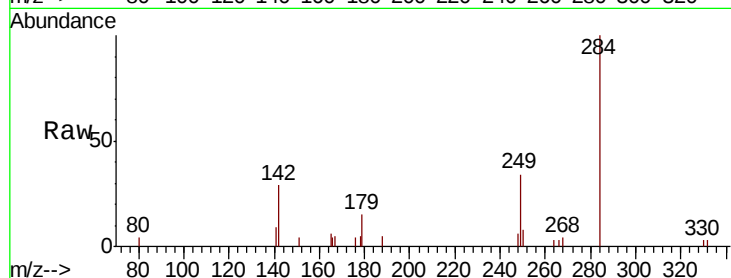
Tot Ion:284 Resp: 2030

Ion Ratio Lower Upper

284 100

142 40.3 31.0 46.4

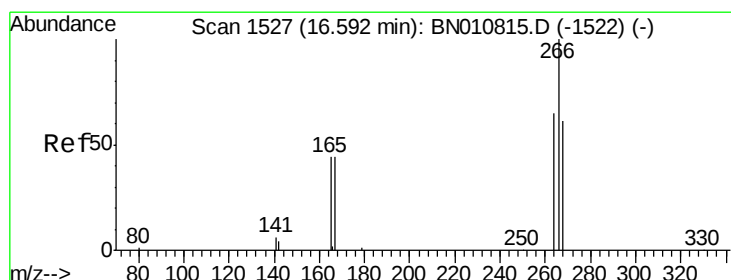
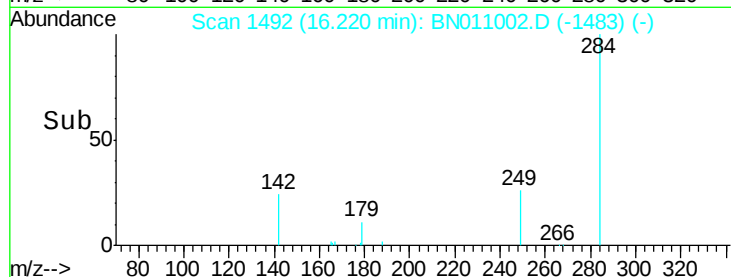
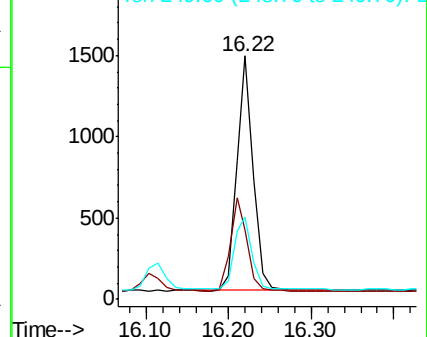
249 33.1 27.1 40.7



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



#22

Pentachlorophenol

Concen: 0.368 ng

RT: 16.57 min Scan# 1525

Delta R.T. 0.00 min

Lab File: BN011002.D

Acq: 22 Jun 2020 10:53

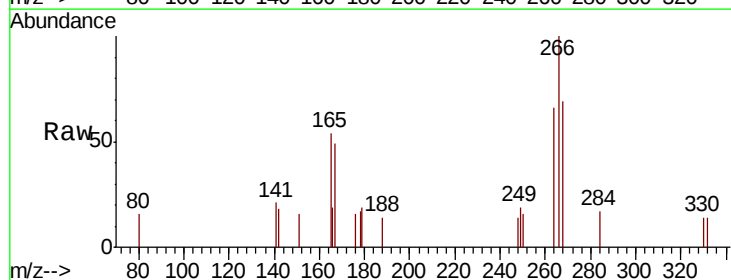
Tgt Ion:266 Resp: 542

Ion Ratio Lower Upper

266 100

264 65.5 54.8 82.2

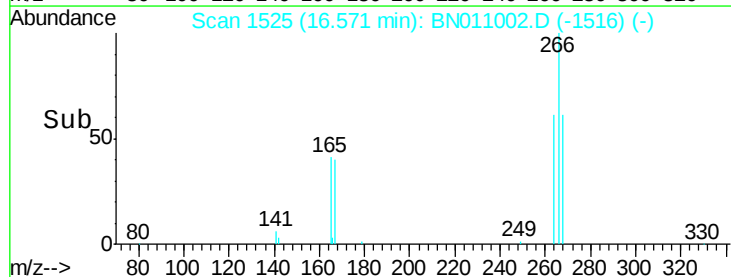
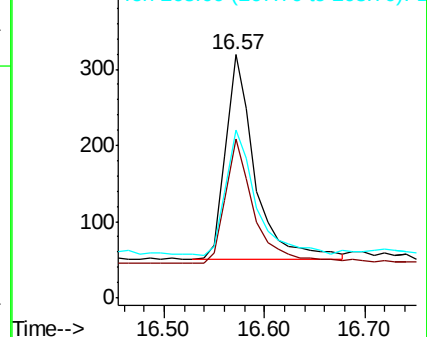
268 69.0 55.9 83.9



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





#23

Phenanthrene

Concen: 0.402 ng

RT: 16.94 min Scan# 1560

Delta R.T. 0.00 min

Lab File: BN011002.D

Acq: 22 Jun 2020 10:53

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

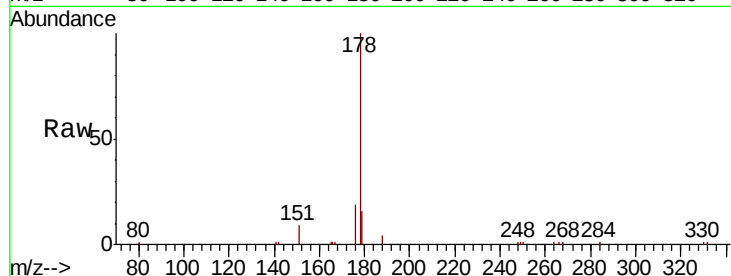
Tot Ion:178 Resp: 7679

Ion Ratio Lower Upper

178 100

176 18.6 15.3 22.9

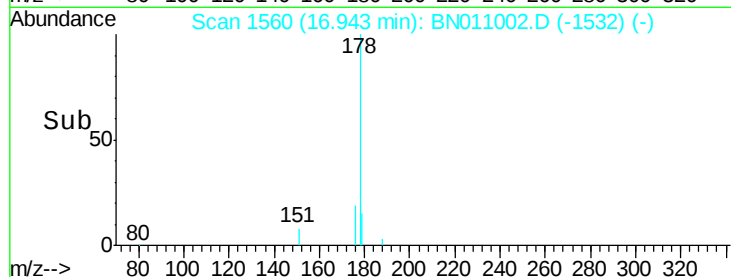
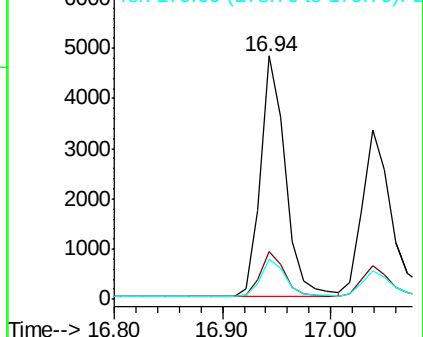
179 15.6 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.396 ng

RT: 17.04 min Scan# 1569

Delta R.T. 0.00 min

Lab File: BN011002.D

Acq: 22 Jun 2020 10:53

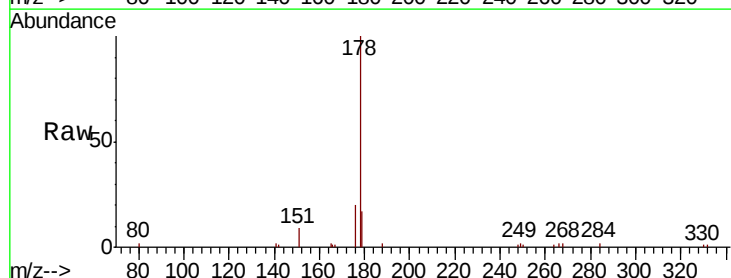
Tgt Ion:178 Resp: 6320

Ion Ratio Lower Upper

178 100

176 18.2 14.6 22.0

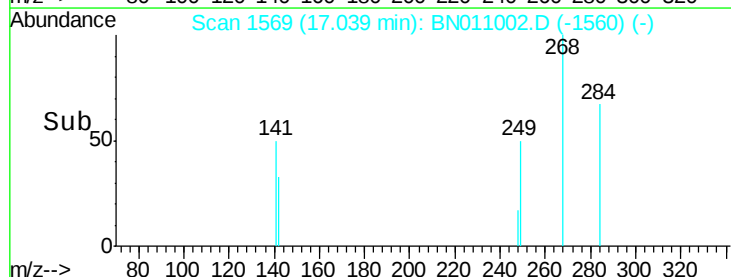
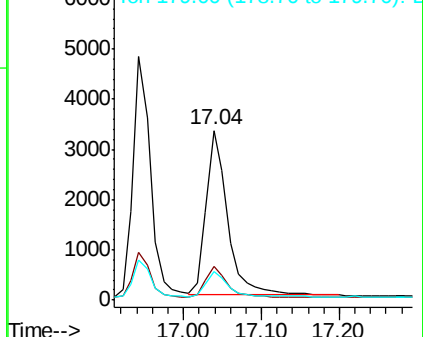
179 15.1 12.3 18.5

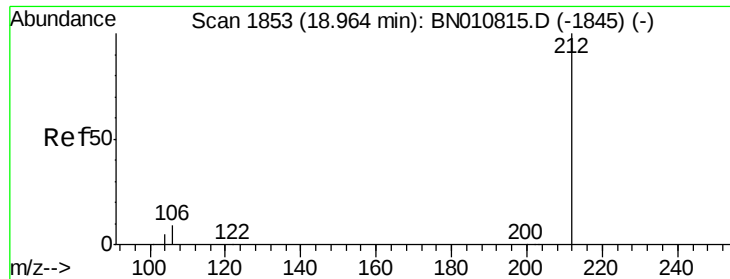


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.406 ng

RT: 18.94 min Scan# 1849

Delta R.T. 0.00 min

Lab File: BN011002.D

Acq: 22 Jun 2020 10:53

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

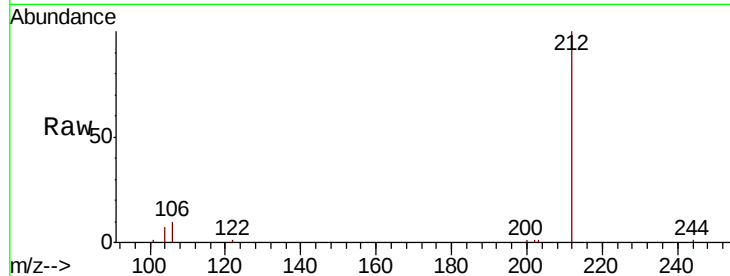
Tot Ion:212 Resp: 7846

Ion Ratio Lower Upper

212 100

106 8.8 6.6 10.0

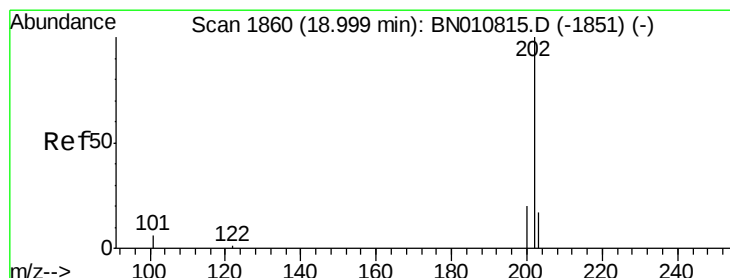
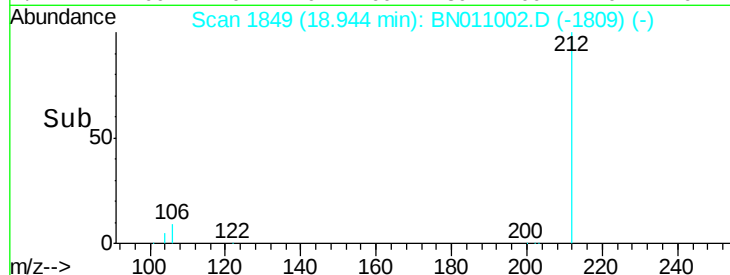
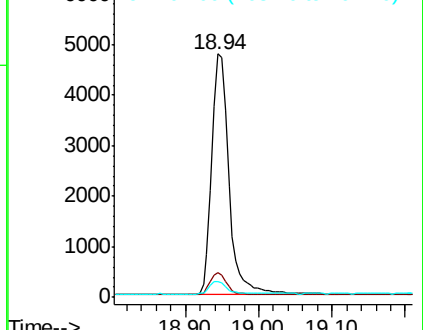
104 5.4 4.0 6.0



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



#26

Fluoranthene

Concen: 0.400 ng

RT: 18.97 min Scan# 1855

Delta R.T. 0.00 min

Lab File: BN011002.D

Acq: 22 Jun 2020 10:53

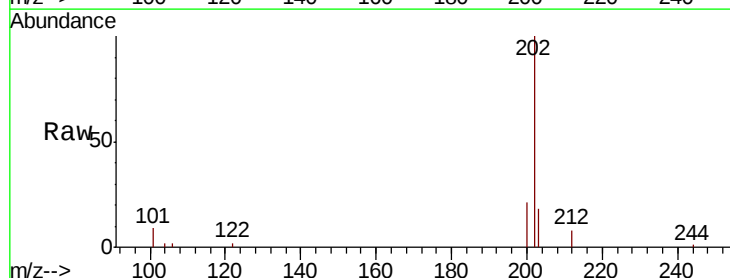
Tgt Ion:202 Resp: 8671

Ion Ratio Lower Upper

202 100

101 7.9 5.8 8.6

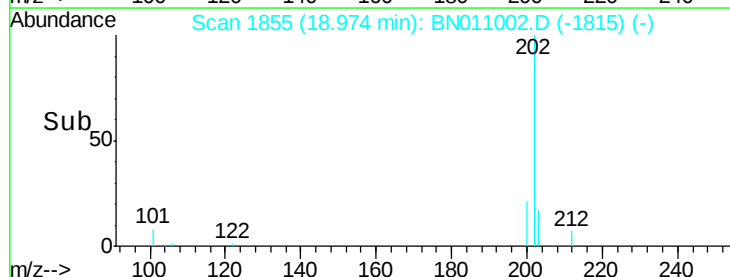
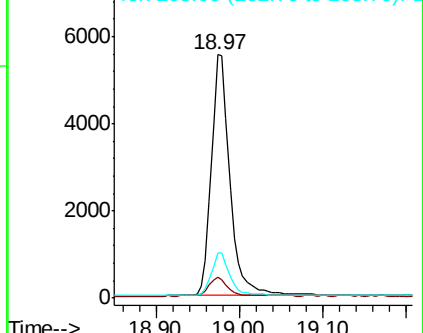
203 17.1 13.7 20.5



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

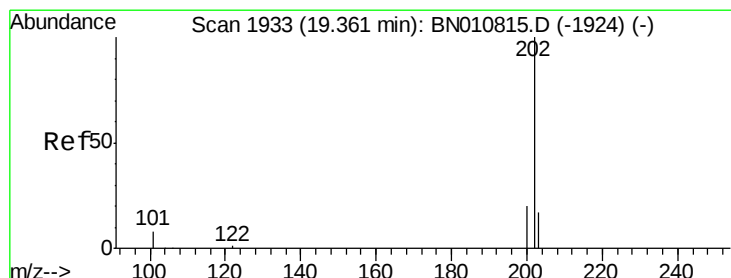
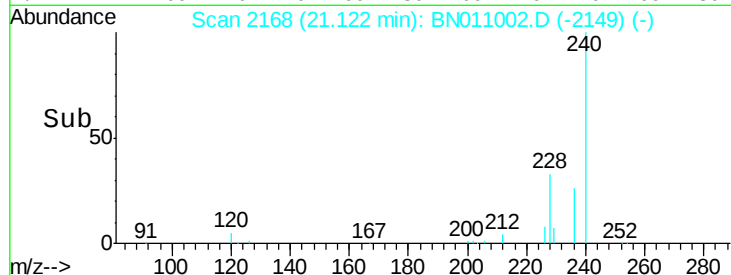
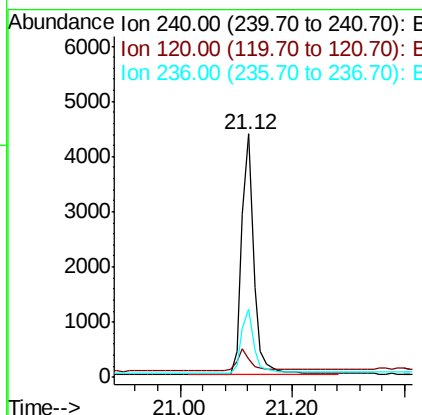
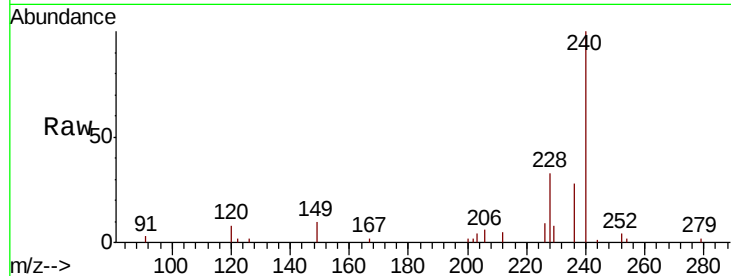




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.12 min Scan# 2168
Delta R.T. 0.00 min
Lab File: BN011002.D
Acq: 22 Jun 2020 10:53

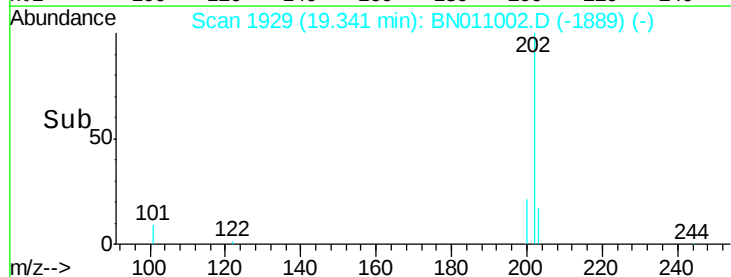
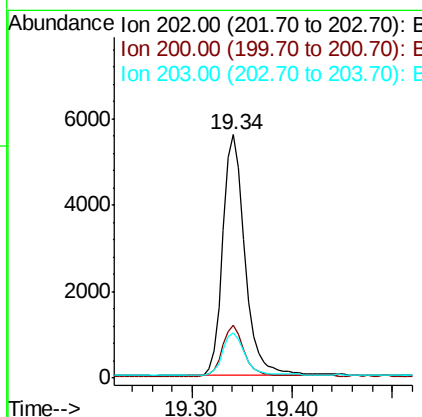
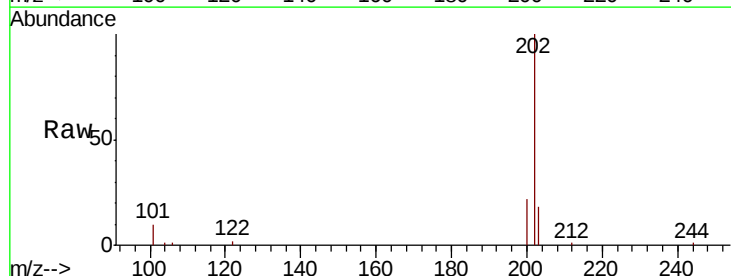
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

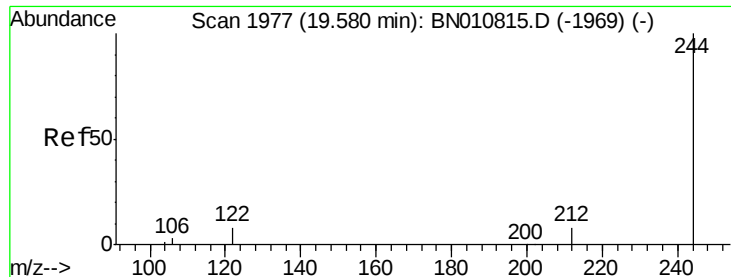
Tot Ion:240 Resp: 6649
Ion Ratio Lower Upper
240 100
120 7.6 7.5 11.3
236 27.8 22.3 33.5



#28
Pyrene
Concen: 0.392 ng
RT: 19.34 min Scan# 1929
Delta R.T. 0.00 min
Lab File: BN011002.D
Acq: 22 Jun 2020 10:53

Tgt Ion:202 Resp: 8617
Ion Ratio Lower Upper
202 100
200 20.6 16.4 24.6
203 17.8 14.2 21.4





#29

Terphenyl-d14

Concen: 0.398 ng

RT: 19.56 min Scan# 1974

Delta R.T. 0.00 min

Lab File: BN011002.D

Acq: 22 Jun 2020 10:53

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

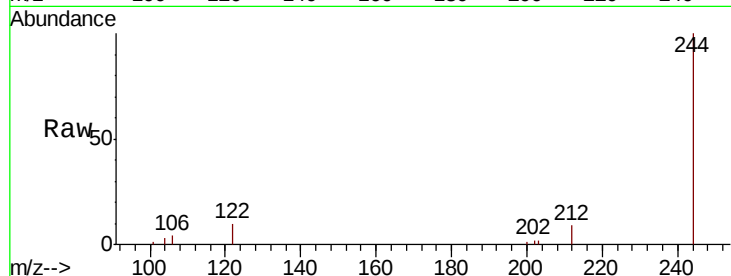
Tot Ion:244 Resp: 6188

Ion Ratio Lower Upper

244 100

212 9.5 7.4 11.2

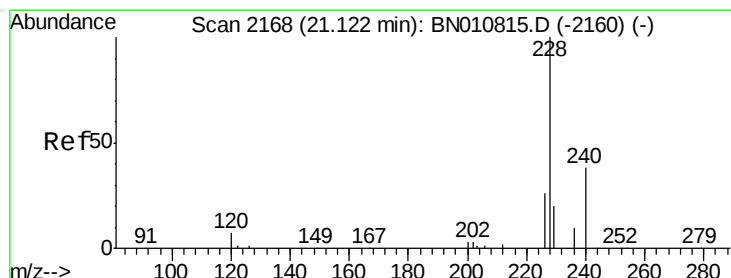
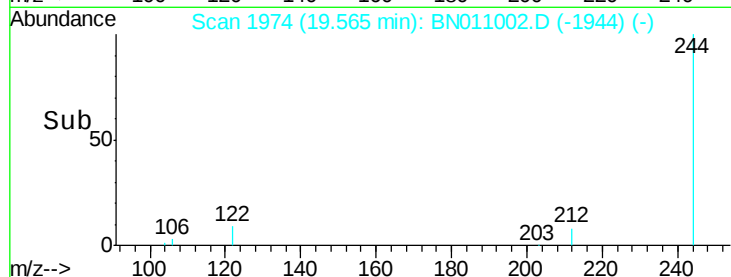
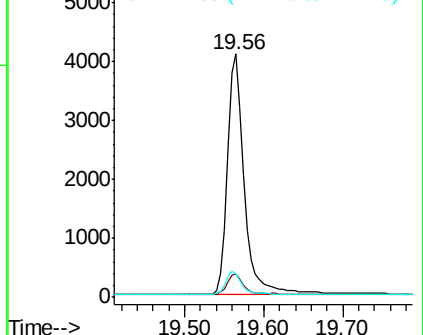
122 9.6 7.5 11.3



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



#30

Benzo(a)anthracene

Concen: 0.403 ng

RT: 21.10 min Scan# 2166

Delta R.T. 0.00 min

Lab File: BN011002.D

Acq: 22 Jun 2020 10:53

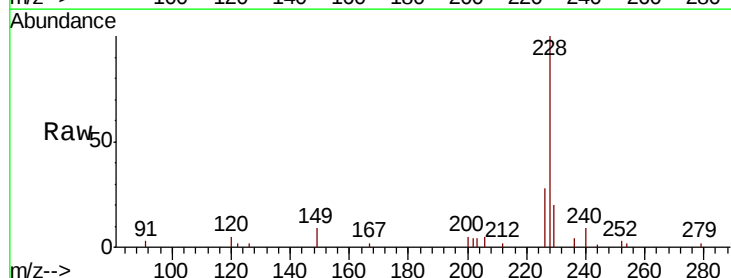
Tgt Ion:228 Resp: 7883

Ion Ratio Lower Upper

228 100

226 27.6 21.3 31.9

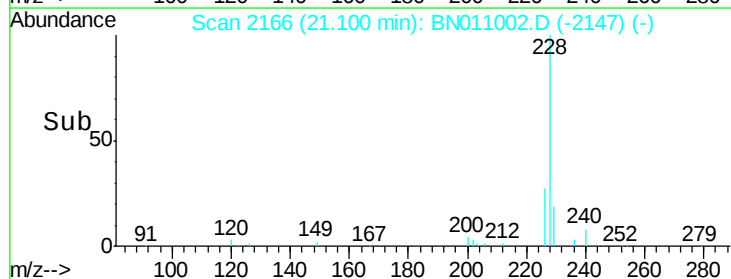
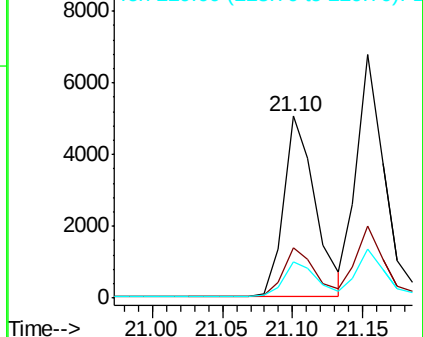
229 20.1 16.6 24.8

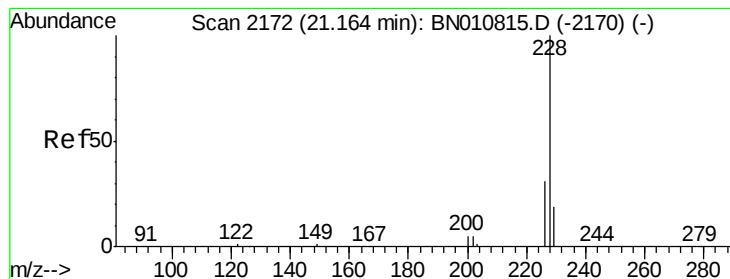


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.406 ng

RT: 21.15 min Scan# 2171

Delta R.T. 0.00 min

Lab File: BN011002.D

Acq: 22 Jun 2020 10:53

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

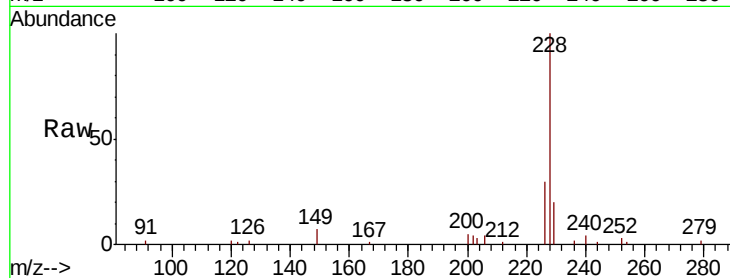
Tot Ion:228 Resp: 9238

Ion Ratio Lower Upper

228 100

226 29.8 25.0 37.6

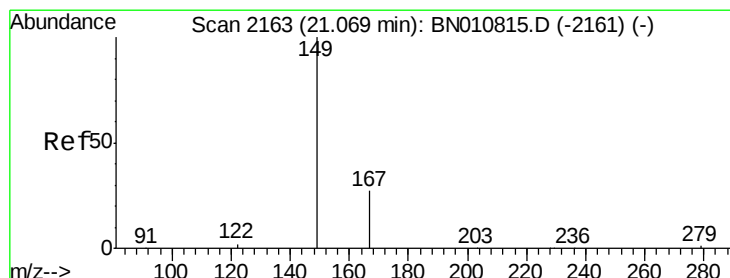
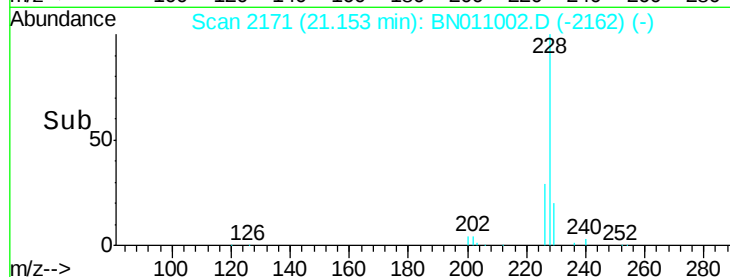
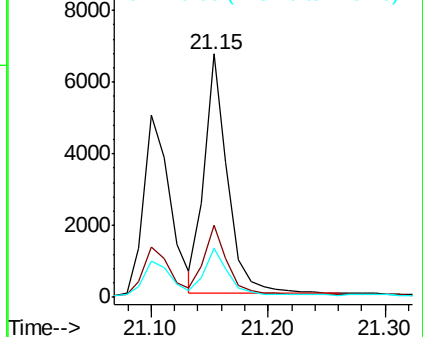
229 20.3 16.1 24.1



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.457 ng

RT: 21.06 min Scan# 2162

Delta R.T. 0.00 min

Lab File: BN011002.D

Acq: 22 Jun 2020 10:53

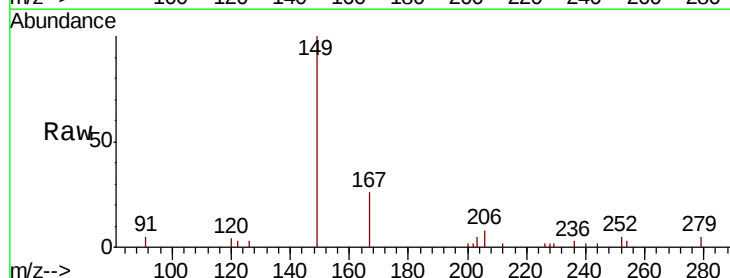
Tgt Ion:149 Resp: 2976

Ion Ratio Lower Upper

149 100

167 27.8 24.1 36.1

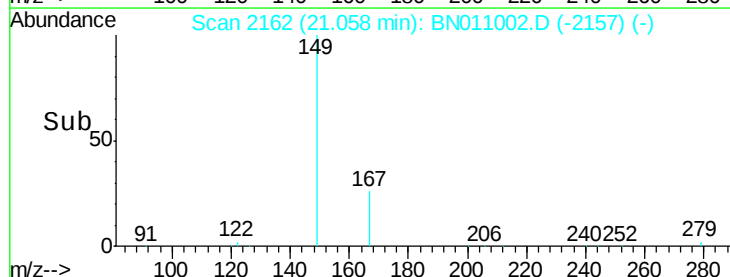
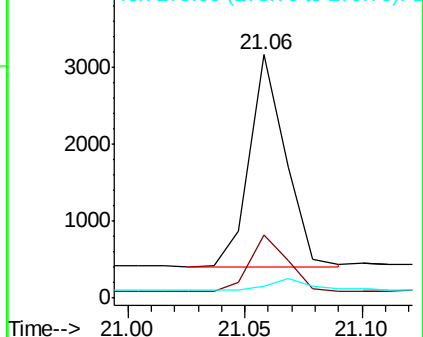
279 5.6 4.6 7.0

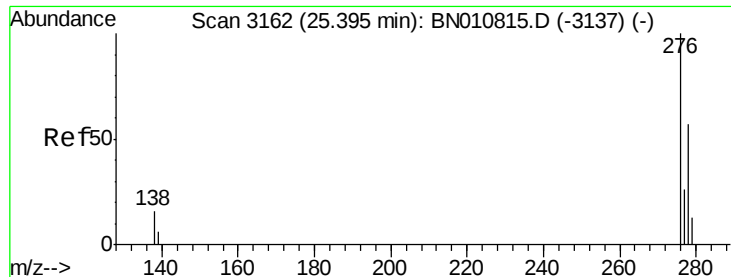


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.440 ng

RT: 25.36 min Scan# 3153

Delta R.T. 0.00 min

Lab File: BN011002.D

Acq: 22 Jun 2020 10:53

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

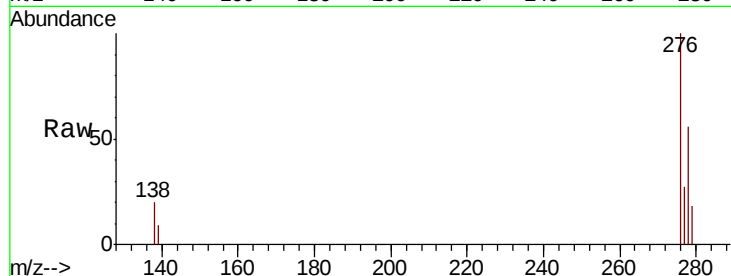
Tot Ion:276 Resp: 11195

Ion Ratio Lower Upper

276 100

138 19.1 13.0 19.6

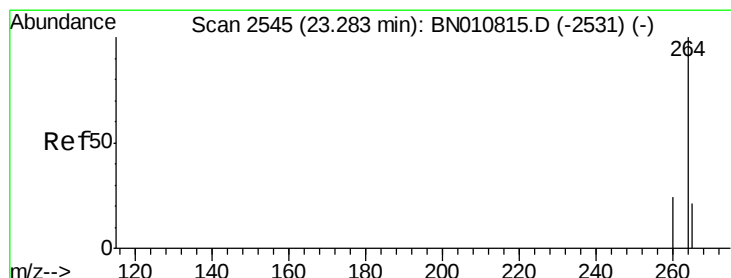
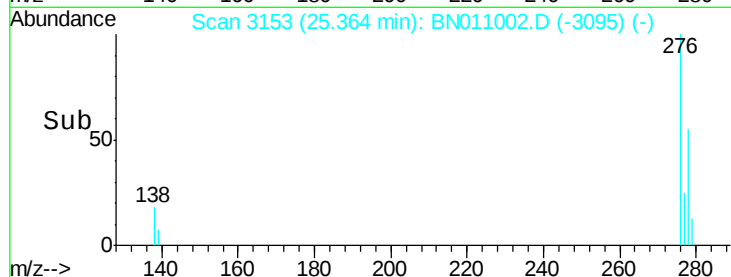
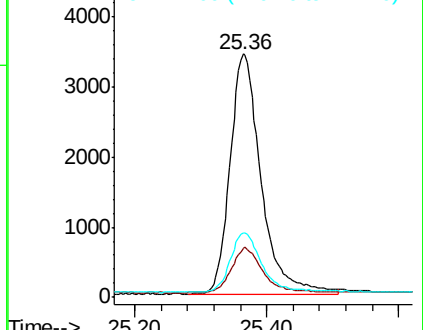
277 25.2 19.7 29.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.26 min Scan# 2539

Delta R.T. 0.00 min

Lab File: BN011002.D

Acq: 22 Jun 2020 10:53

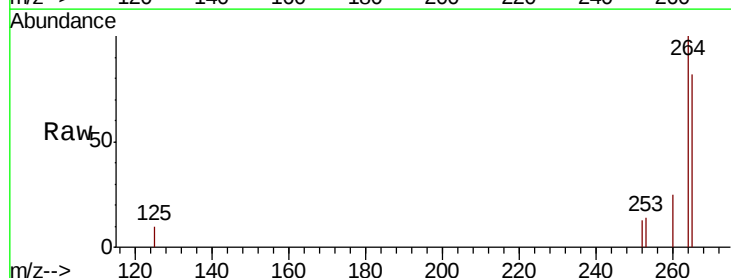
Tgt Ion:264 Resp: 7048

Ion Ratio Lower Upper

264 100

260 25.3 20.4 30.6

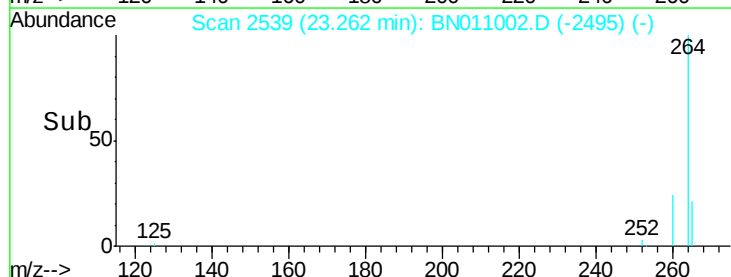
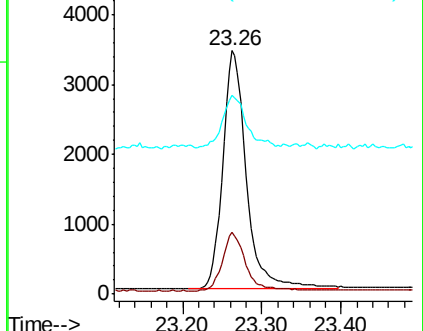
265 81.9 75.0 112.4



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





#35

Benzo(b)fluoranthene

Concen: 0.389 ng

RT: 22.63 min Scan# 2355

Delta R.T. 0.00 min

Lab File: BN011002.D

Acq: 22 Jun 2020 10:53

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

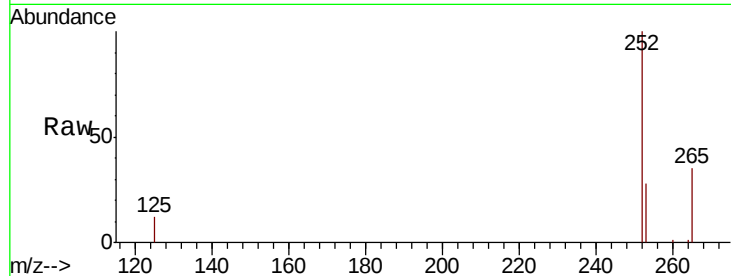
Tot Ion:252 Resp: 9331

Ion Ratio Lower Upper

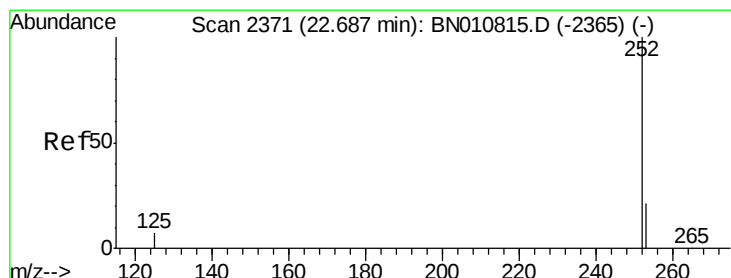
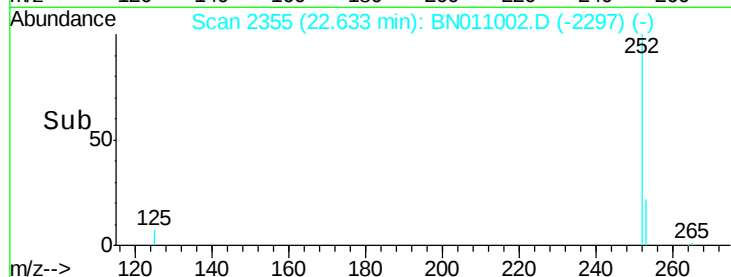
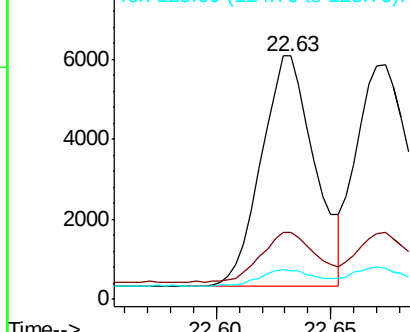
252 100

253 27.7 22.4 33.6

125 11.9 9.4 14.0



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



#36

Benzo(k)fluoranthene

Concen: 0.384 ng

RT: 22.67 min Scan# 2367

Delta R.T. 0.00 min

Lab File: BN011002.D

Acq: 22 Jun 2020 10:53

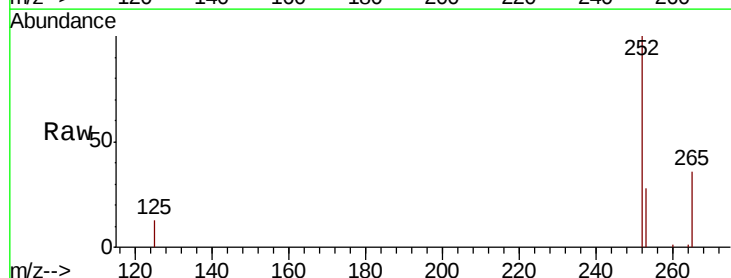
Tgt Ion:252 Resp: 9794

Ion Ratio Lower Upper

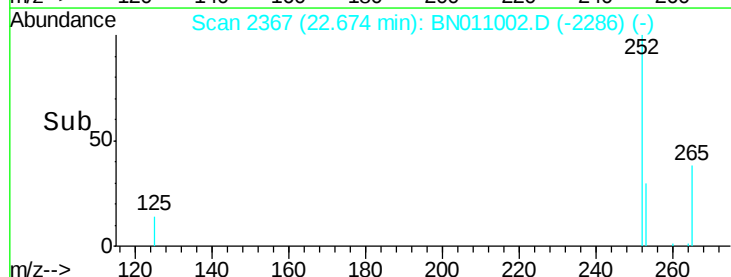
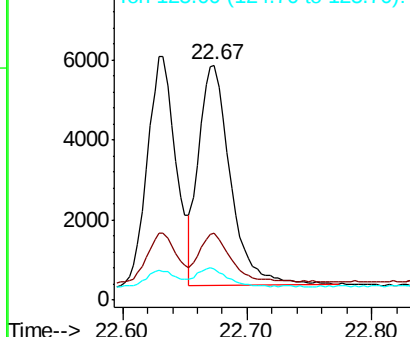
252 100

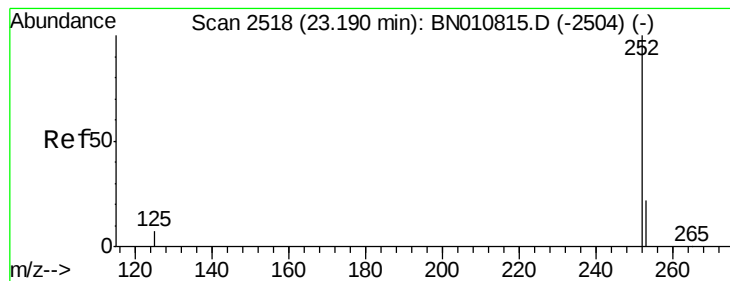
253 28.3 22.2 33.4

125 13.3 9.8 14.8



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





#37

Benzo(a)pyrene

Concen: 0.403 ng

RT: 23.17 min Scan# 2512

Delta R.T. 0.00 min

Lab File: BN011002.D

Acq: 22 Jun 2020 10:53

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

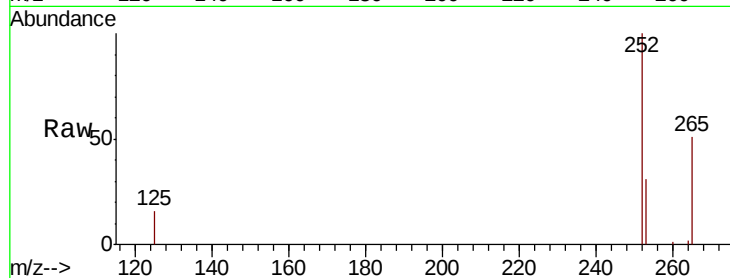
Tot Ion:252 Resp: 8293

Ion Ratio Lower Upper

252 100

253 31.2 25.8 38.8

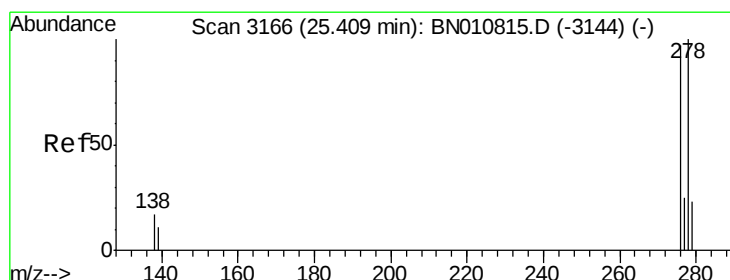
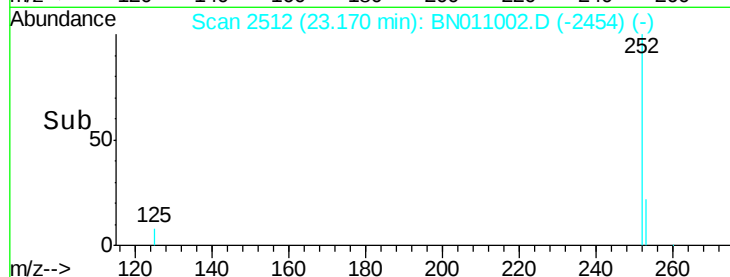
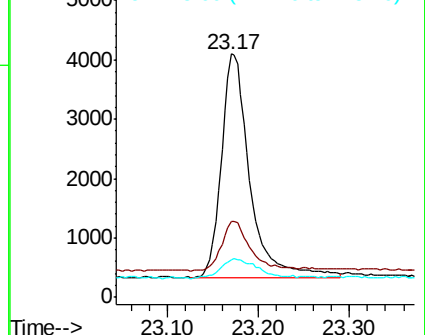
125 15.6 12.4 18.6



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



#38

Dibenzo(a,h)anthracene

Concen: 0.391 ng

RT: 25.38 min Scan# 3159

Delta R.T. 0.00 min

Lab File: BN011002.D

Acq: 22 Jun 2020 10:53

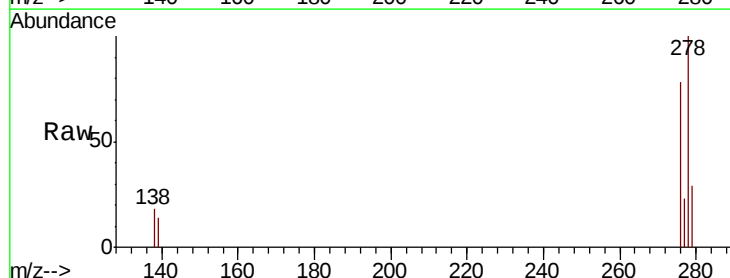
Tgt Ion:278 Resp: 9169

Ion Ratio Lower Upper

278 100

139 13.9 10.6 15.8

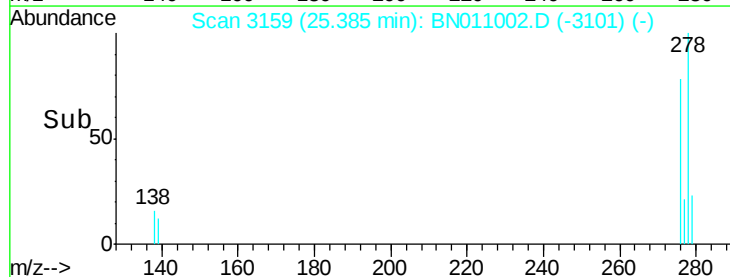
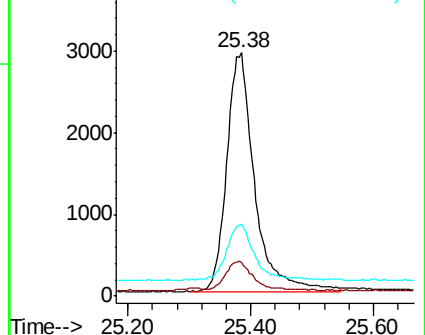
279 29.5 23.6 35.4

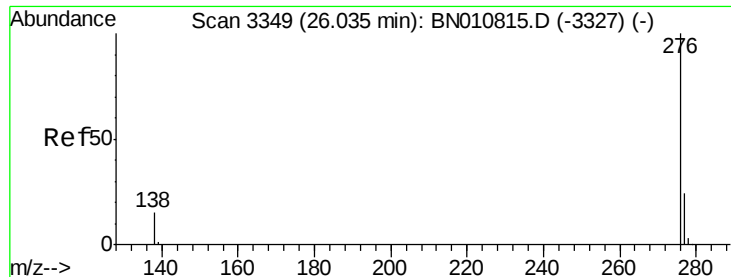


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.398 ng

RT: 26.00 min Scan# 3338

Delta R.T. 0.00 min

Lab File: BN011002.D

Acq: 22 Jun 2020 10:53

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

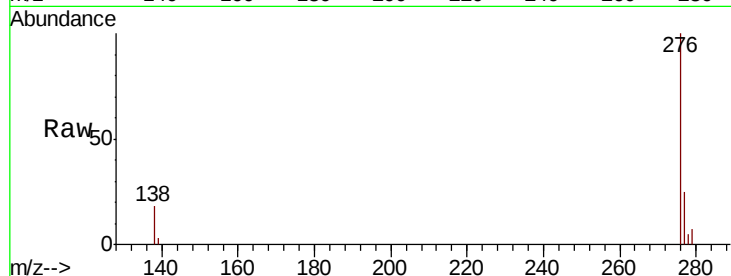
Tot Ion:276 Resp: 9760

Ion Ratio Lower Upper

276 100

277 25.3 20.5 30.7

138 18.3 13.7 20.5



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

