

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN063020\
 Data File : BN011079.D
 Acq On : 30 Jun 2020 13:31
 Operator : CG/JU
 Sample : SSTDICC5.0
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC5.0

Quant Time: Jun 30 14:04:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN063020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 30 11:38:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	368	0.40	ng	0.00
7) Naphthalene-d8	10.27	136	1023	0.40	ng	0.00
13) Acenaphthene-d10	14.13	164	539	0.40	ng	0.00
19) Phenanthrene-d10	16.89	188	1059	0.40	ng	-0.01
29) Chrysene-d12	21.10	240	1009	0.40	ng	-0.01
36) Perylene-d12	23.25	264	913	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.19	112	3347	3.23	ng	0.00
5) Phenol-d6	6.73	99	4068	3.31	ng	0.00
8) Nitrobenzene-d5	8.66	82	3969	4.26	ng	0.00
11) 2-Methylnaphthalene-d10	11.86	152	7616	4.22	ng	0.00
14) 2,4,6-Tribromophenol	15.64	330	929	3.92	ng	-0.01
15) 2-Fluorobiphenyl	12.75	172	11059	4.40	ng	-0.01
27) Fluoranthene-d10	18.93	212	13664	4.08	ng	0.00
31) Terphenyl-d14	19.55	244	11400	4.21	ng	0.00

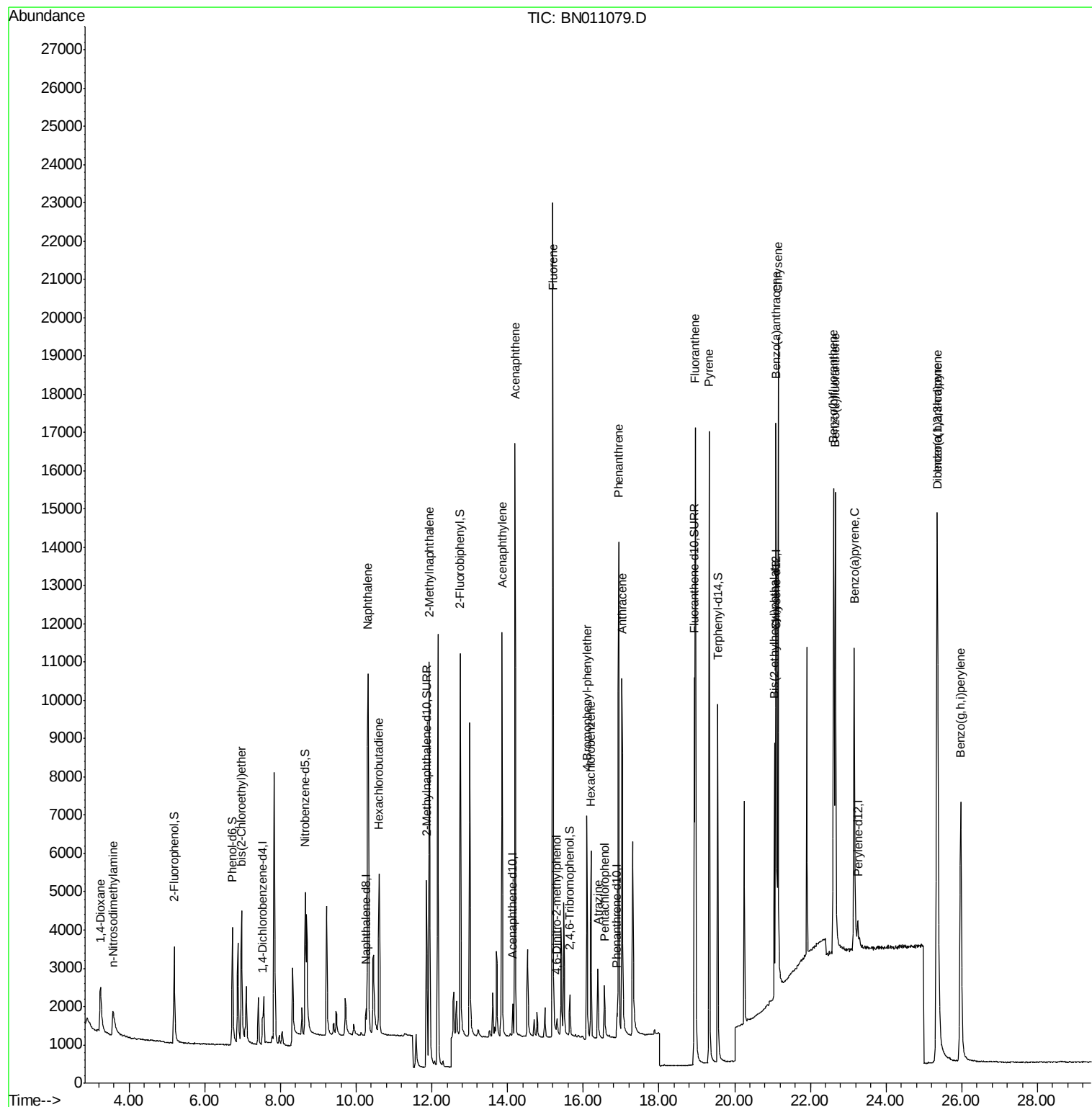
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.24	88	1918	3.877	ng	98
3) n-Nitrosodimethylamine	3.58	42	933	3.380	ng	# 99
6) bis(2-Chloroethyl)ether	6.97	93	3836	3.615	ng	94
9) Naphthalene	10.32	128	13409	4.316	ng	98
10) Hexachlorobutadiene	10.61	225	3329	4.446	ng	# 98
12) 2-Methylnaphthalene	11.93	142	8863	4.260	ng	99
16) Acenaphthylene	13.85	152	12012	4.422	ng	99
17) Acenaphthene	14.20	154	7833	4.294	ng	99
18) Fluorene	15.20	166	9783	4.204	ng	99
20) 4,6-Dinitro-2-methylphenol	15.30	198	512	2.887	ng	# 74
21) 4-Bromophenyl-phenylether	16.10	248	3042	4.155	ng	# 89
22) Hexachlorobenzene	16.20	284	3576	4.416	ng	97
23) Atrazine	16.39	200	2103	3.886	ng	96
24) Pentachlorophenol	16.56	266	919	3.589	ng	94
25) Phenanthrene	16.93	178	14707	4.120	ng	99
26) Anthracene	17.02	178	12230	4.129	ng	99
28) Fluoranthene	18.97	202	16719	4.099	ng	99
30) Pyrene	19.33	202	16399	4.224	ng	99
32) Benzo(a)anthracene	21.09	228	14572	4.169	ng	99
33) Chrysene	21.14	228	16001	4.199	ng	98
34) Bis(2-ethylhexyl)phthalate	21.05	149	5434	3.867	ng	99
35) Indeno(1,2,3-cd)pyrene	25.34	276	20059	4.732	ng	99
37) Benzo(b)fluoranthene	22.61	252	15830	4.385	ng	94
38) Benzo(k)fluoranthene	22.66	252	16815	4.479	ng	95
39) Benzo(a)pyrene	23.16	252	13310	4.150	ng	92
40) Dibenzo(a,h)anthracene	25.36	278	16433	4.753	ng	93
41) Benzo(g,h,i)perylene	25.97	276	15230	4.252	ng	98

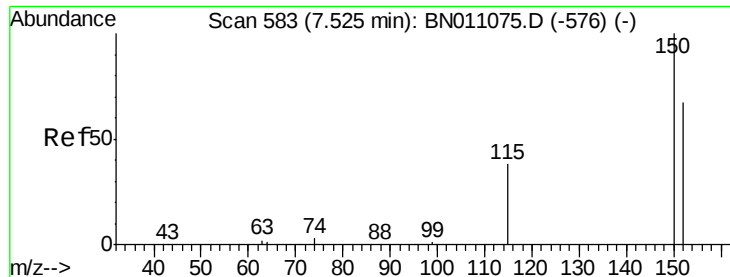
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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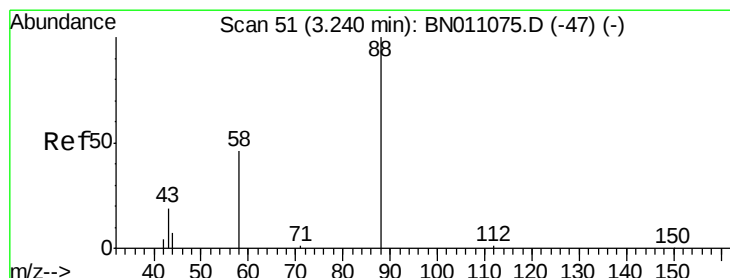
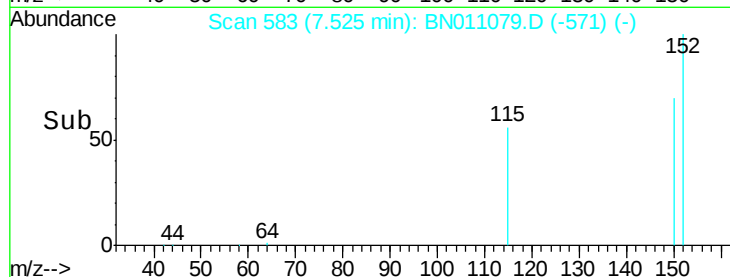
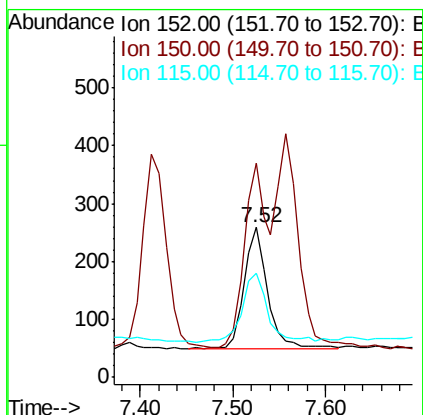
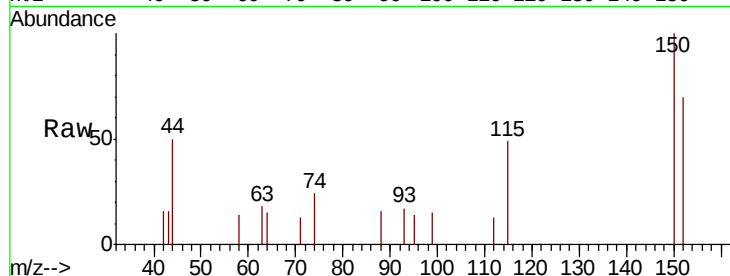


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.52 min Scan# 583
Delta R.T. -0.00 min
Lab File: BN011079.D
Acq: 30 Jun 2020 13:31

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

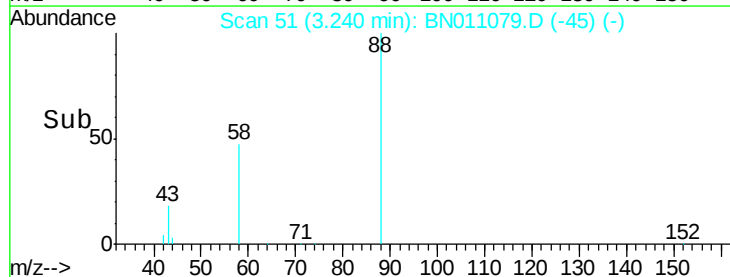
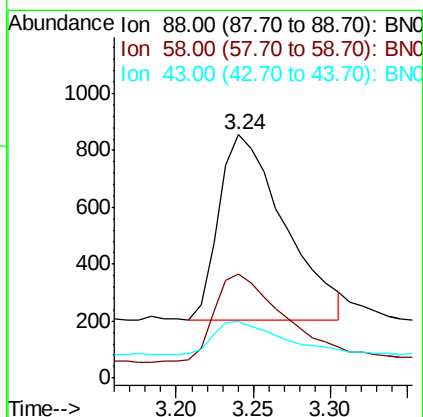
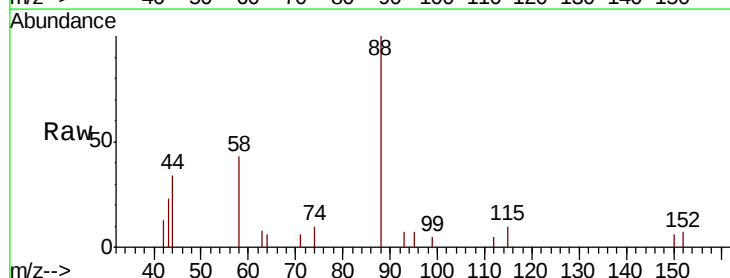
Tot Ion:152 Resp: 368
Ion Ratio Lower Upper
152 100
150 142.5 117.4 176.0
115 69.5 47.9 71.9

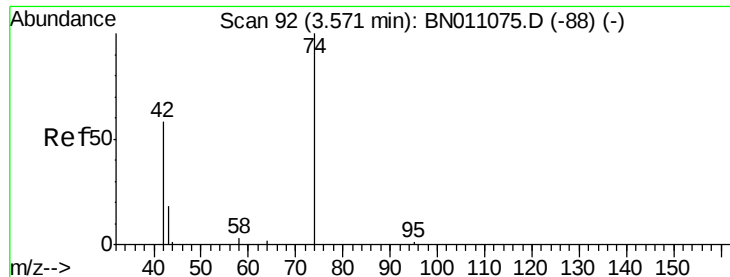


#2

1,4-Dioxane
Concen: 3.877 ng
RT: 3.24 min Scan# 51
Delta R.T. -0.00 min
Lab File: BN011079.D
Acq: 30 Jun 2020 13:31

Tgt Ion: 88 Resp: 1918
Ion Ratio Lower Upper
88 100
58 48.1 38.6 57.8
43 16.8 15.4 23.0



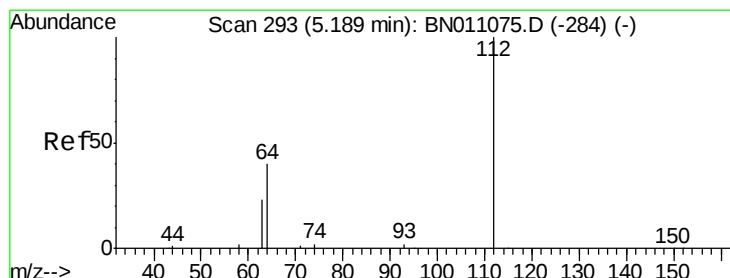
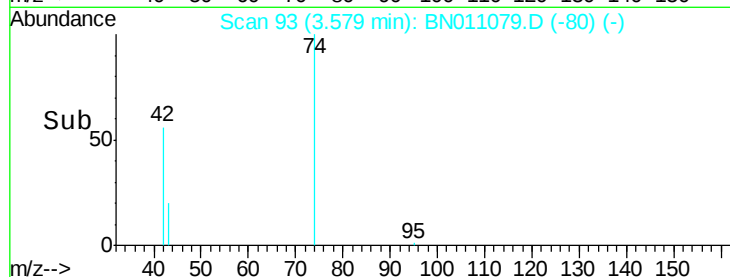
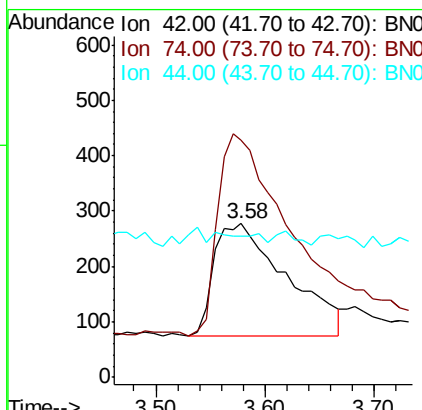
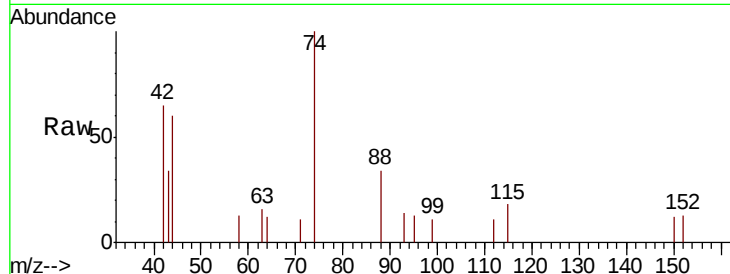


#3

n-Nitrosodimethylamine
 Concen: 3.380 ng
 RT: 3.58 min Scan# 93
 Delta R.T. 0.01 min
 Lab File: BN011079.D
 Acq: 30 Jun 2020 13:31

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC5.0

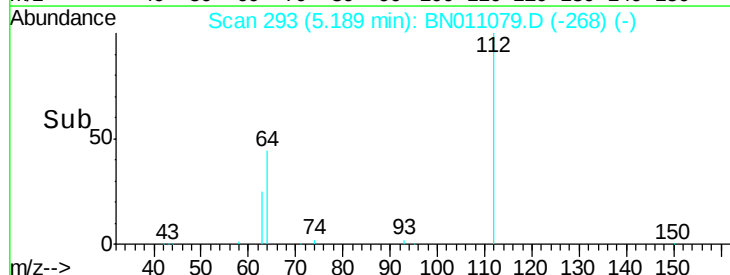
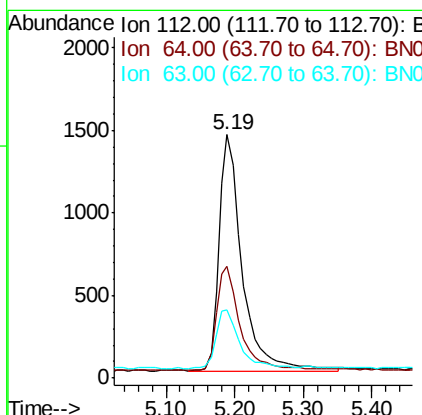
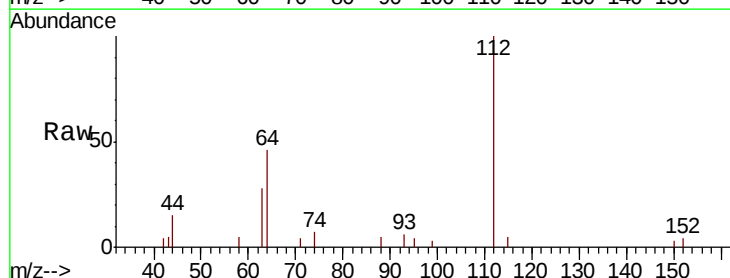
Tot Ion: 42 Resp: 933
 Ion Ratio Lower Upper
 42 100
 74 176.8 142.5 213.7
 44 0.0 0.0 0.0

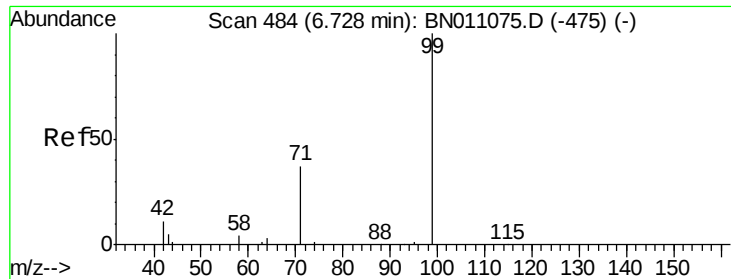


#4

2-Fluorophenol
 Concen: 3.227 ng
 RT: 5.19 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: BN011079.D
 Acq: 30 Jun 2020 13:31

Tgt Ion: 112 Resp: 3347
 Ion Ratio Lower Upper
 112 100
 64 45.7 36.5 54.7
 63 25.1 20.6 30.8





#5

Phenol-d6

Concen: 3.313 ng

RT: 6.73 min Scan# 484

Delta R.T. -0.00 min

Lab File: BN011079.D

Acq: 30 Jun 2020 13:31

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

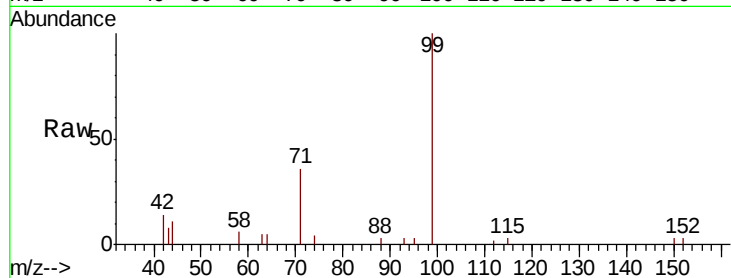
Tot Ion: 99 Resp: 4068

Ion Ratio Lower Upper

99 100

42 13.1 9.8 14.8

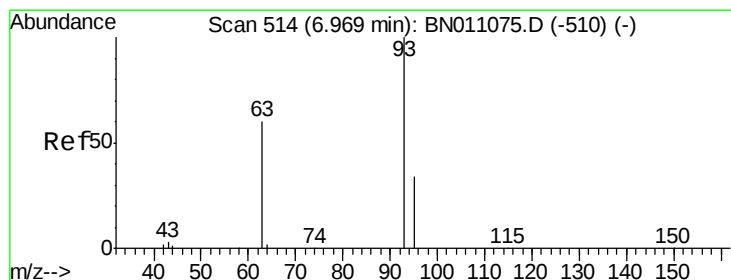
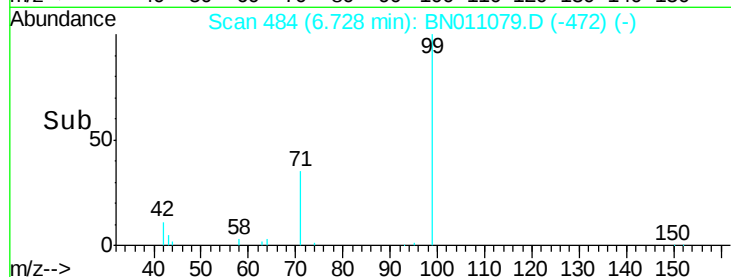
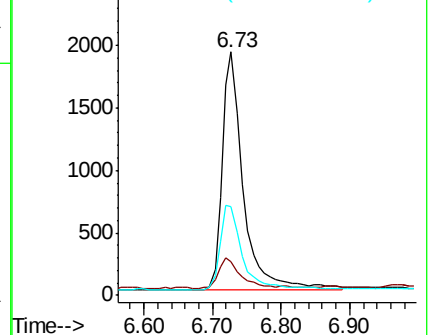
71 37.6 30.7 46.1



Abundance Ion 99.00 (98.70 to 99.70): BN011079.D (-472) (-)

Ion 42.00 (41.70 to 42.70): BN011079.D (-472) (-)

Ion 71.00 (70.70 to 71.70): BN011079.D (-472) (-)



#6

bis(2-Chloroethyl)ether

Concen: 3.615 ng

RT: 6.97 min Scan# 514

Delta R.T. -0.00 min

Lab File: BN011079.D

Acq: 30 Jun 2020 13:31

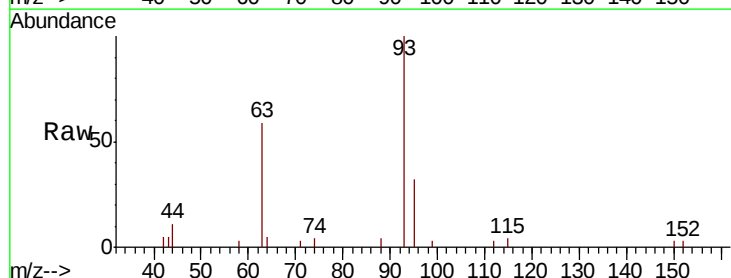
Tgt Ion: 93 Resp: 3836

Ion Ratio Lower Upper

93 100

63 54.4 47.4 71.2

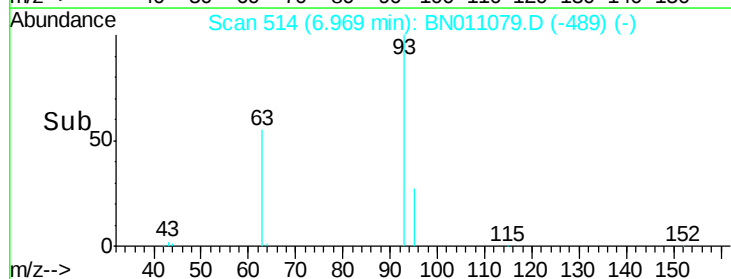
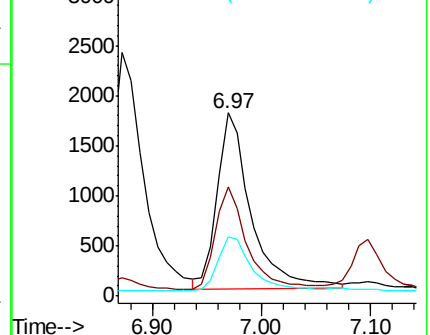
95 30.7 26.4 39.6

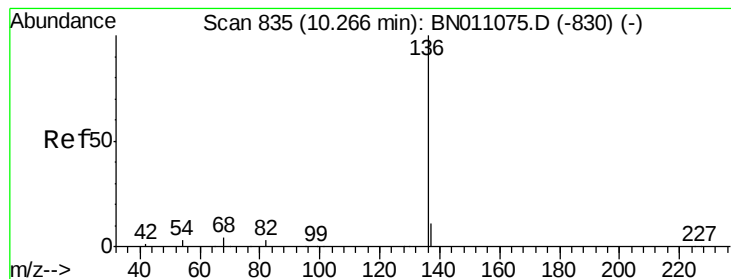


Abundance Ion 93.00 (92.70 to 93.70): BN011079.D (-489) (-)

Ion 63.00 (62.70 to 63.70): BN011079.D (-489) (-)

Ion 95.00 (94.70 to 95.70): BN011079.D (-489) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.27 min Scan# 835

Delta R.T. -0.00 min

Lab File: BN011079.D

Acq: 30 Jun 2020 13:31

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

Tot Ion:136 Resp: 1023

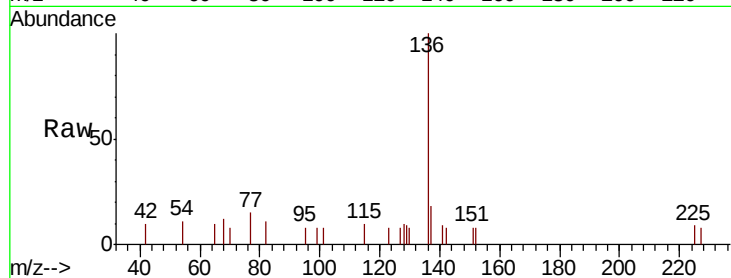
Ion Ratio Lower Upper

136 100

137 18.5 9.6 14.4#

54 11.1 3.8 5.6#

68 11.7 4.3 6.5#

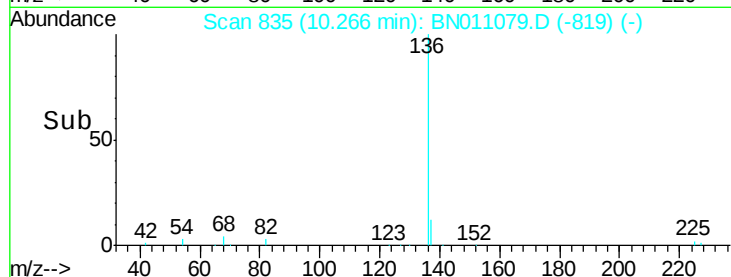


Abundance Ion 136.00 (135.70 to 136.70): E

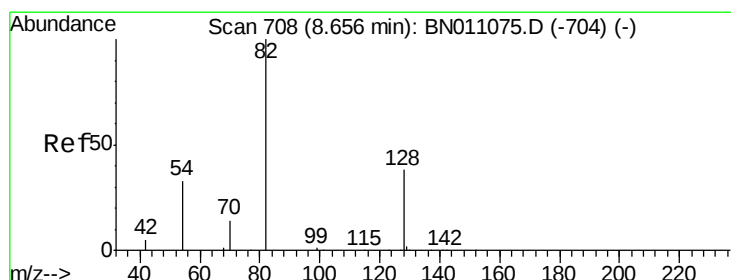
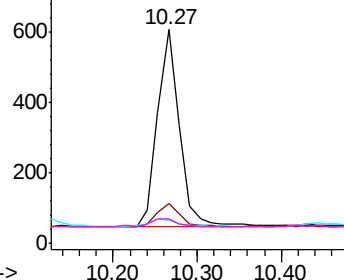
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



Time-->



#8

Nitrobenzene-d5

Concen: 4.259 ng

RT: 8.66 min Scan# 708

Delta R.T. -0.00 min

Lab File: BN011079.D

Acq: 30 Jun 2020 13:31

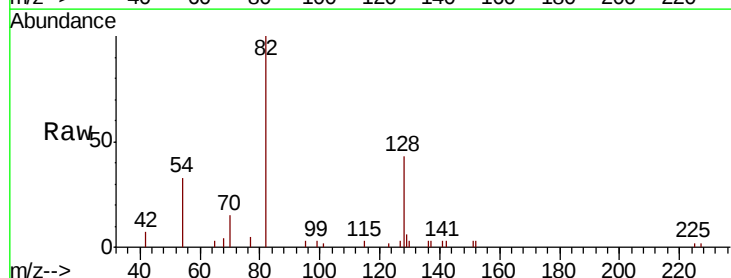
Tgt Ion: 82 Resp: 3969

Ion Ratio Lower Upper

82 100

128 43.3 34.2 51.2

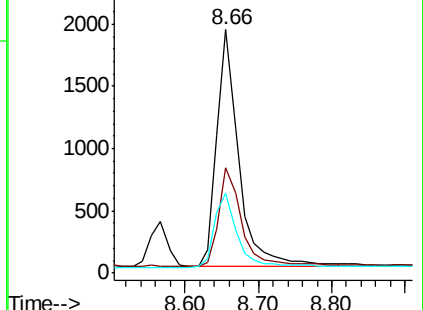
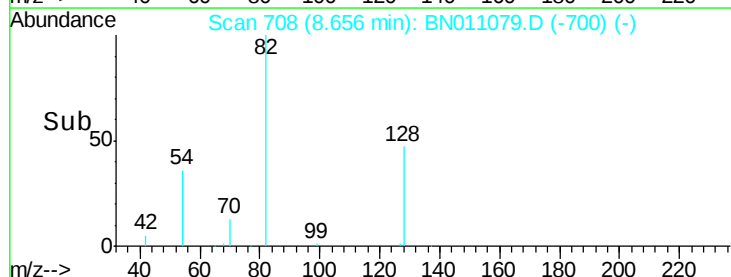
54 32.8 29.4 44.0

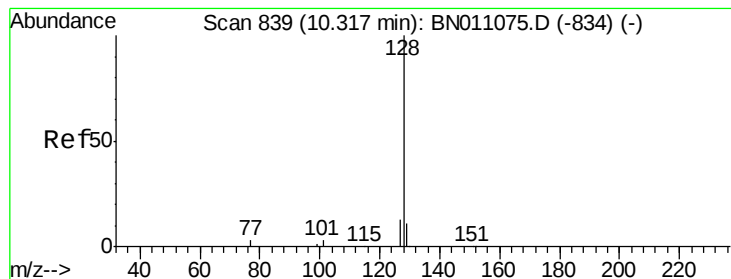


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 4.316 ng

RT: 10.32 min Scan# 839

Delta R.T. -0.00 min

Lab File: BN011079.D

Acq: 30 Jun 2020 13:31

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

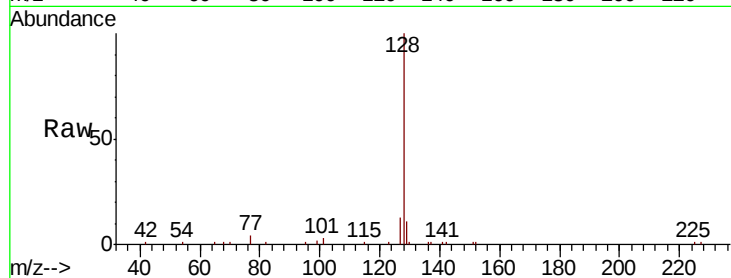
Tot Ion:128 Resp: 13409

Ion Ratio Lower Upper

128 100

129 11.5 9.8 14.8

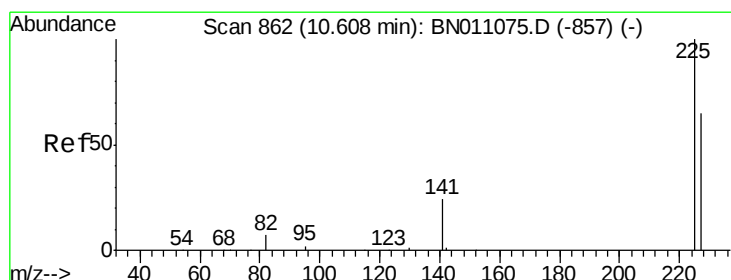
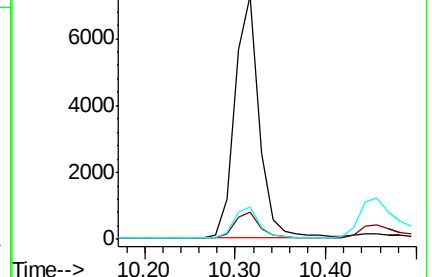
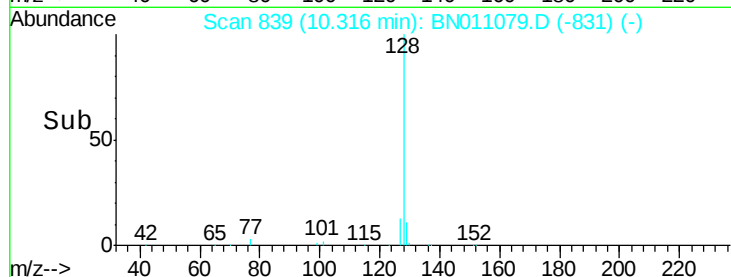
127 13.4 11.3 16.9



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: 4.446 ng

RT: 10.61 min Scan# 862

Delta R.T. -0.00 min

Lab File: BN011079.D

Acq: 30 Jun 2020 13:31

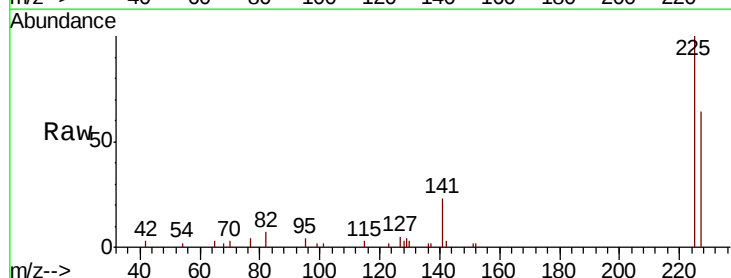
Tgt Ion:225 Resp: 3329

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

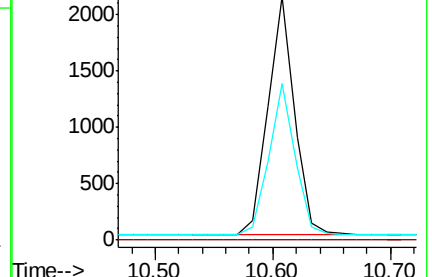
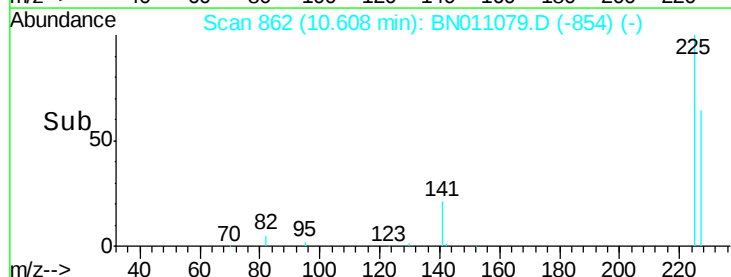
227 63.1 51.4 77.2

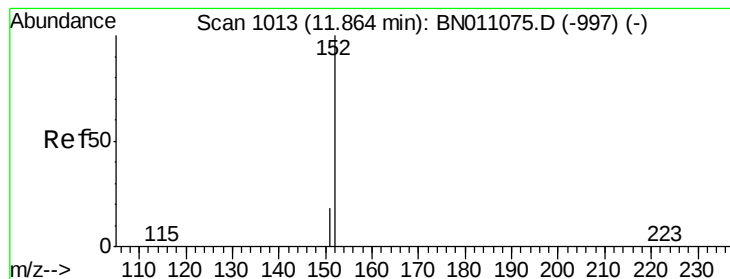


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 4.220 ng

RT: 11.86 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BN011079.D

Acq: 30 Jun 2020 13:31

Instrument :

BNA_N

ClientSampleId :

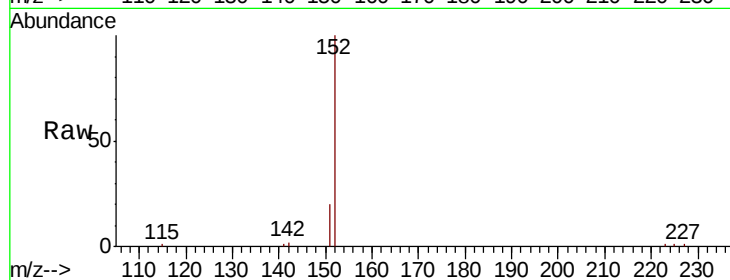
SSTDIC5.0

Tot Ion:152 Resp: 7616

Ion Ratio Lower Upper

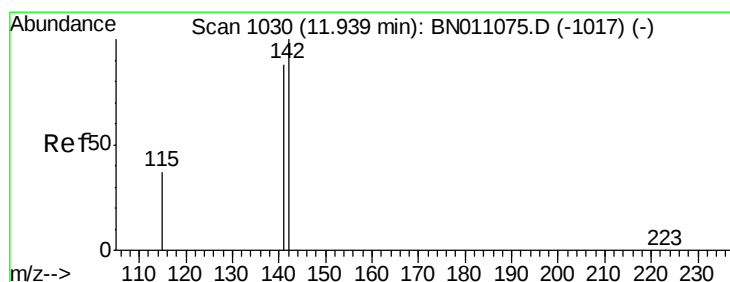
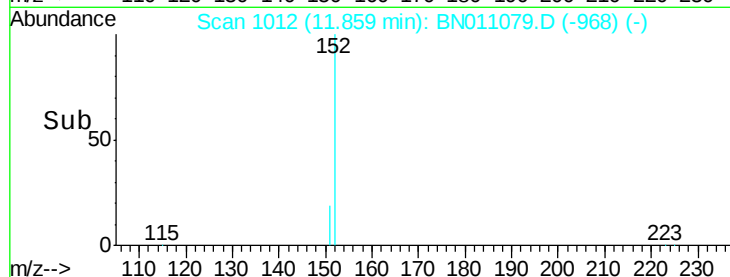
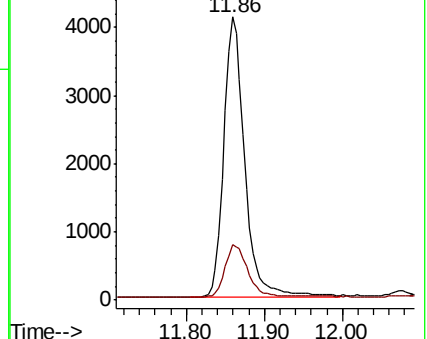
152 100

151 20.1 16.6 24.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 4.260 ng

RT: 11.93 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BN011079.D

Acq: 30 Jun 2020 13:31

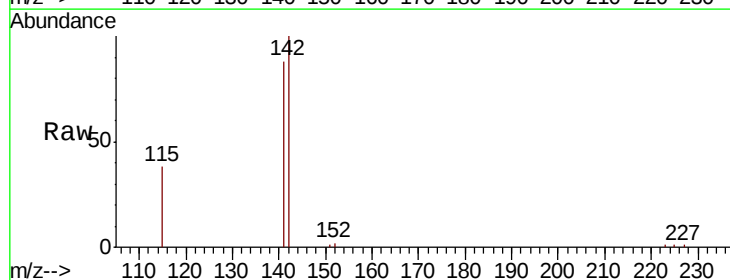
Tgt Ion:142 Resp: 8863

Ion Ratio Lower Upper

142 100

141 87.8 70.3 105.5

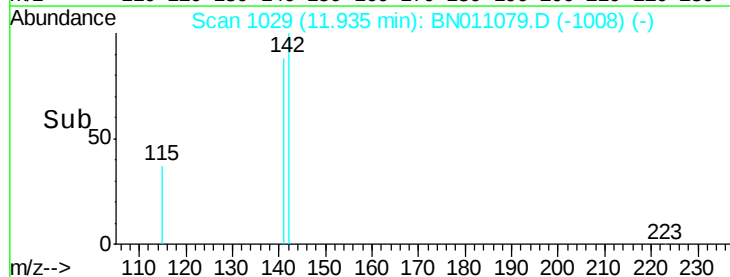
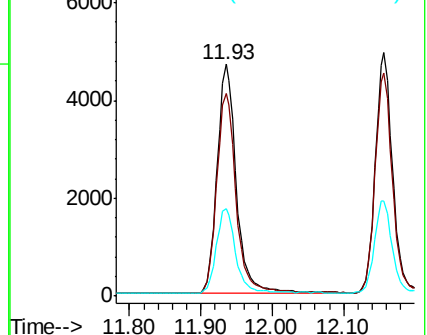
115 38.0 31.2 46.8

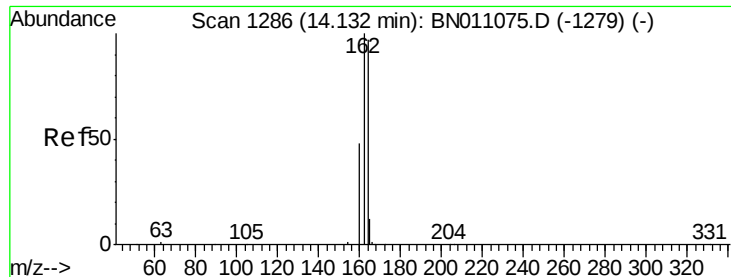


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.13 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BN011079.D

Acq: 30 Jun 2020 13:31

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

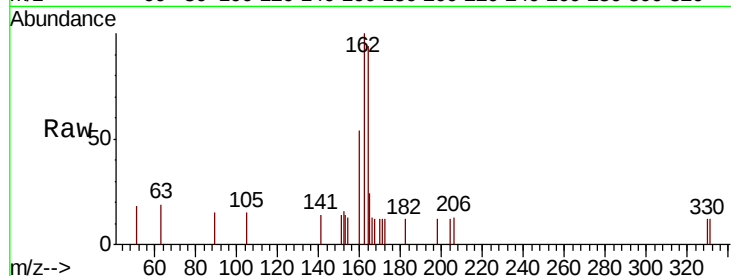
Tot Ion:164 Resp: 539

Ion Ratio Lower Upper

164 100

162 106.9 82.3 123.5

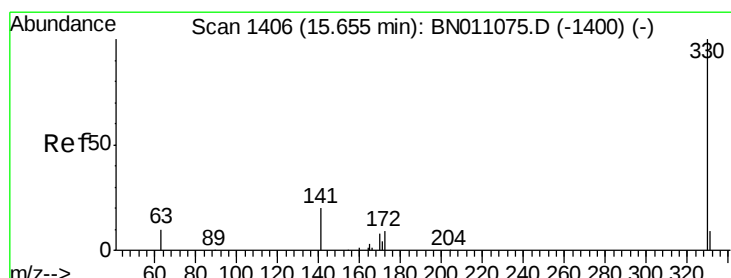
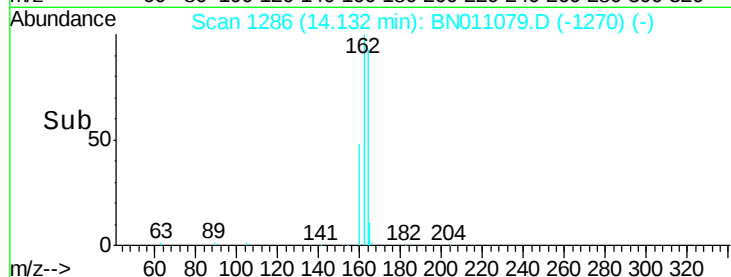
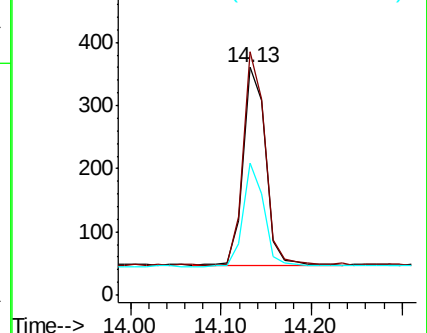
160 57.8 40.6 61.0



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: 3.922 ng

RT: 15.64 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BN011079.D

Acq: 30 Jun 2020 13:31

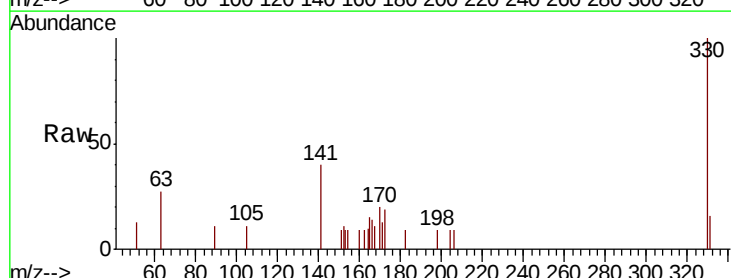
Tgt Ion:330 Resp: 929

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

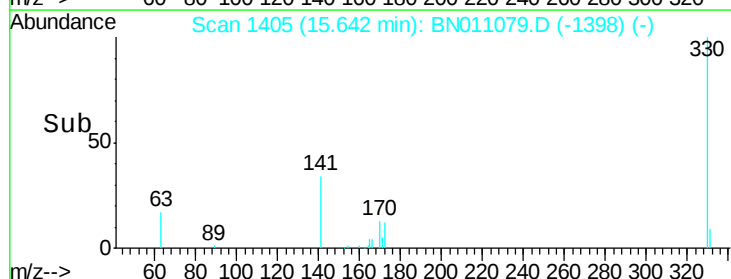
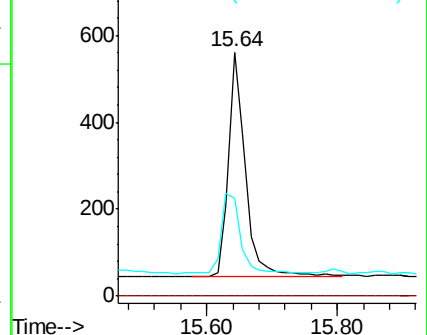
141 39.1 32.6 49.0

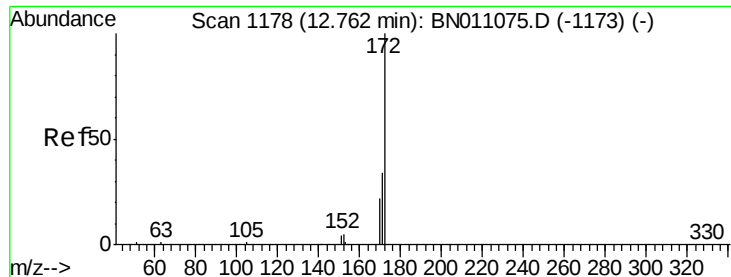


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

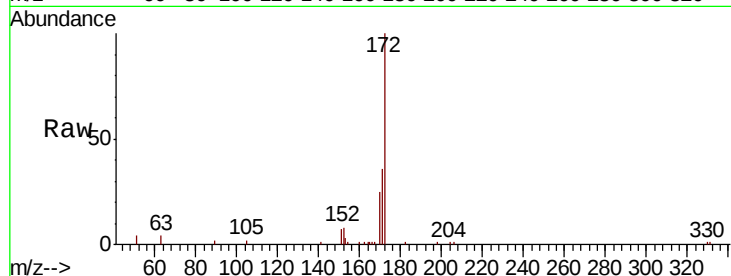




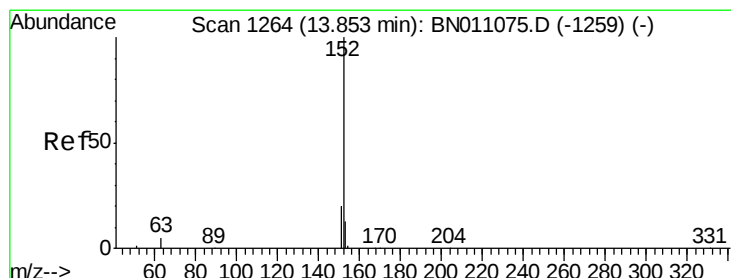
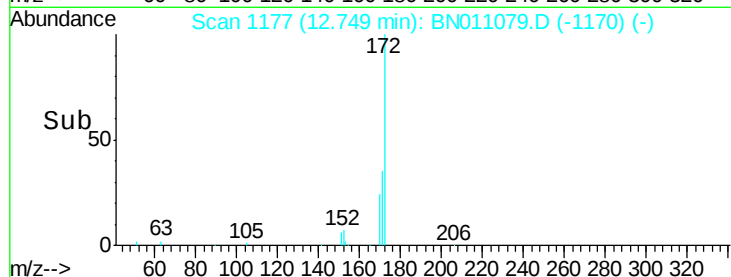
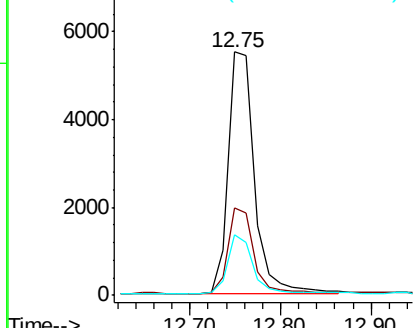
#15
2-Fluorobiphenyl
Concen: 4.399 ng
RT: 12.75 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BN011079.D
Acq: 30 Jun 2020 13:31

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tot Ion:172 Resp: 11059
Ion Ratio Lower Upper
172 100
171 35.9 27.9 41.9
170 25.0 18.7 28.1

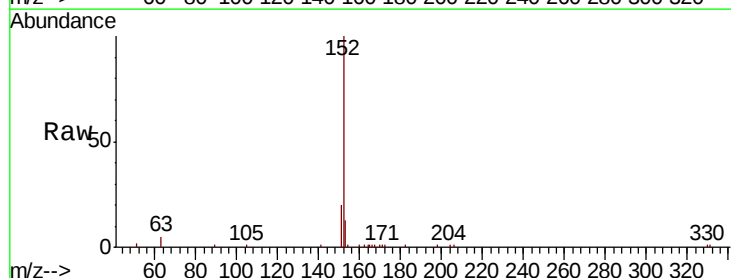


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

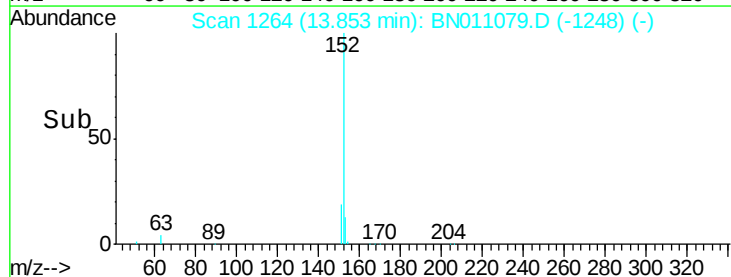
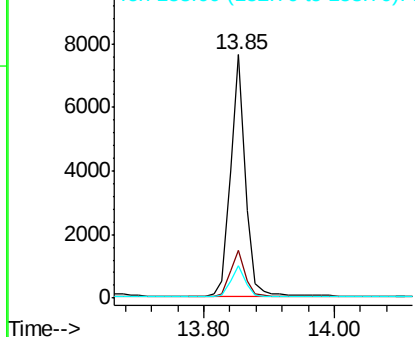


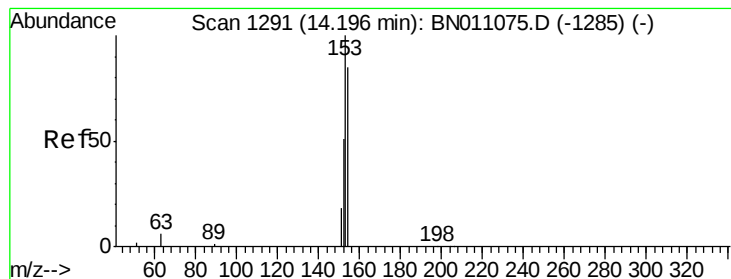
#16
Acenaphthylene
Concen: 4.422 ng
RT: 13.85 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BN011079.D
Acq: 30 Jun 2020 13:31

Tgt Ion:152 Resp: 12012
Ion Ratio Lower Upper
152 100
151 19.3 15.8 23.8
153 12.9 10.8 16.2



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: 4.294 ng

RT: 14.20 min Scan# 1291

Delta R.T. -0.00 min

Lab File: BN011079.D

Acq: 30 Jun 2020 13:31

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

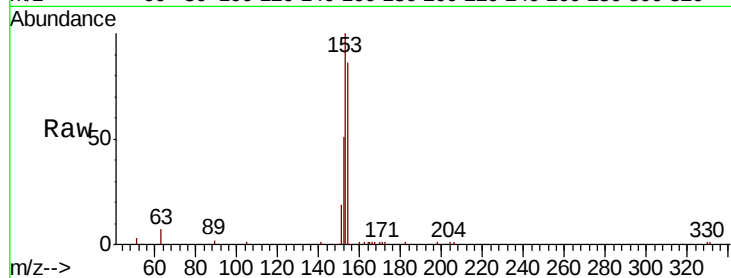
Tot Ion:154 Resp: 7833

Ion Ratio Lower Upper

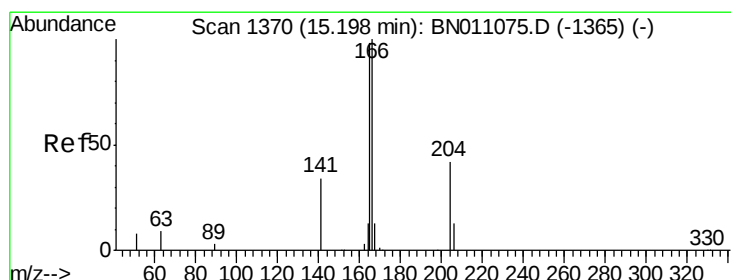
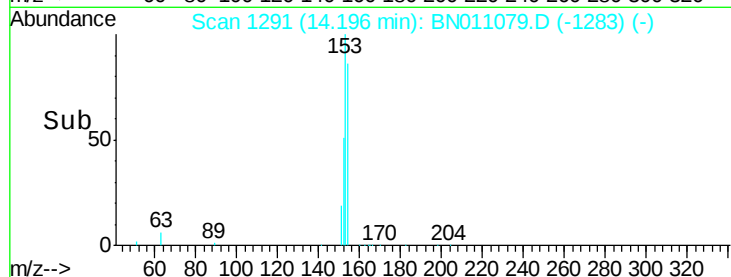
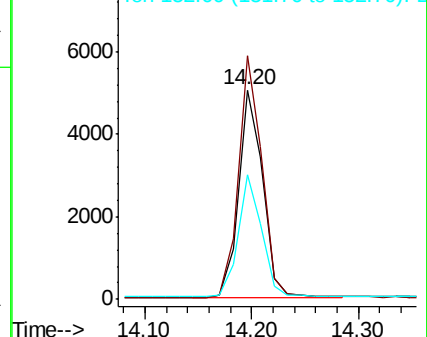
154 100

153 114.2 91.7 137.5

152 57.7 46.8 70.2



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: 4.204 ng

RT: 15.20 min Scan# 1370

Delta R.T. -0.00 min

Lab File: BN011079.D

Acq: 30 Jun 2020 13:31

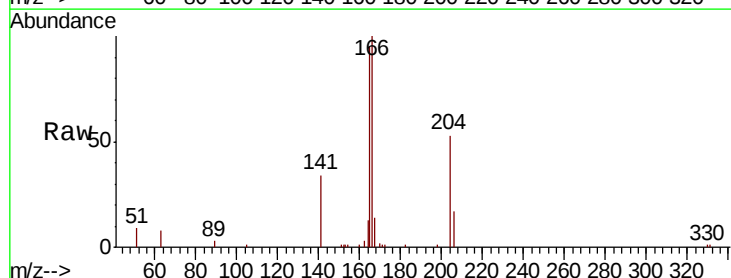
Tgt Ion:166 Resp: 9783

Ion Ratio Lower Upper

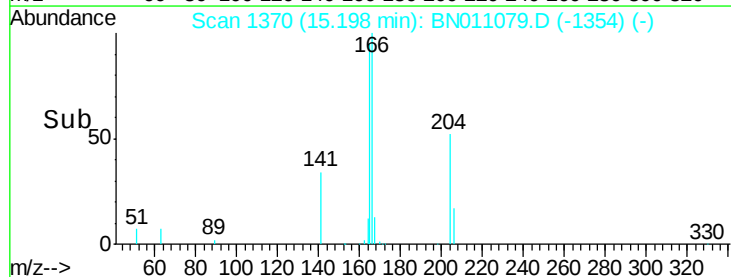
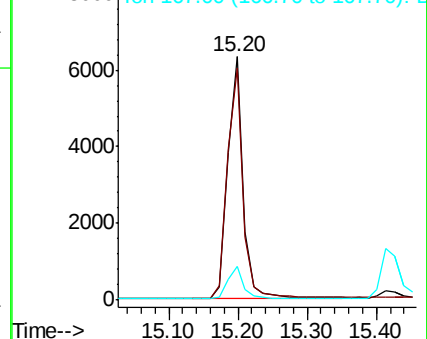
166 100

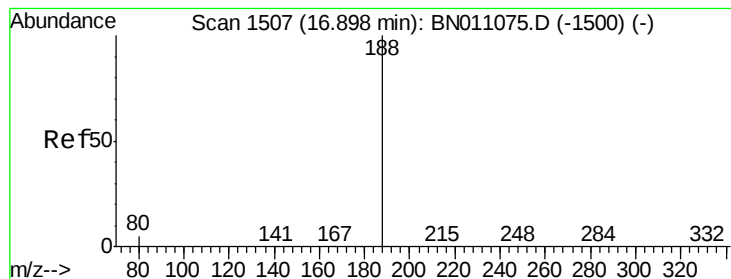
165 97.7 78.9 118.3

167 13.7 10.9 16.3



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: 16.89 min Scan# 1506

Delta R.T. -0.01 min

Lab File: BN011079.D

Acq: 30 Jun 2020 13:31

Instrument :

BNA_N

ClientSampleId :

SSTDIC5.0

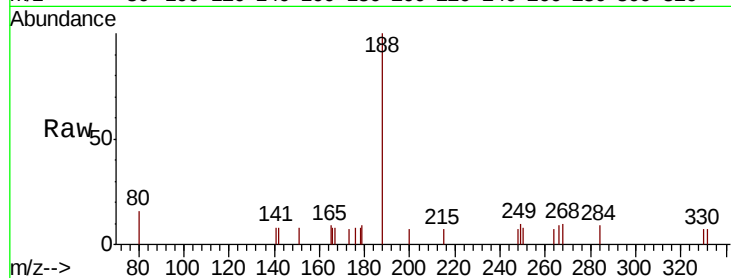
Tot Ion:188 Resp: 1059

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 15.6 5.3 7.9#



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

16.89

800

600

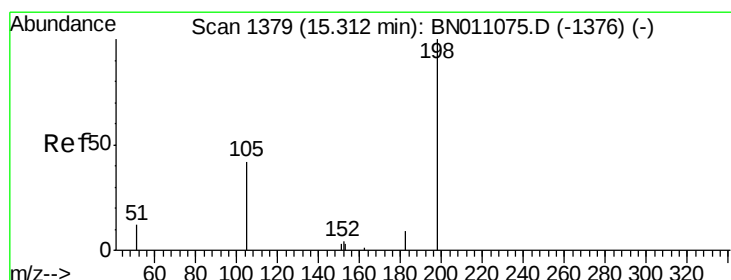
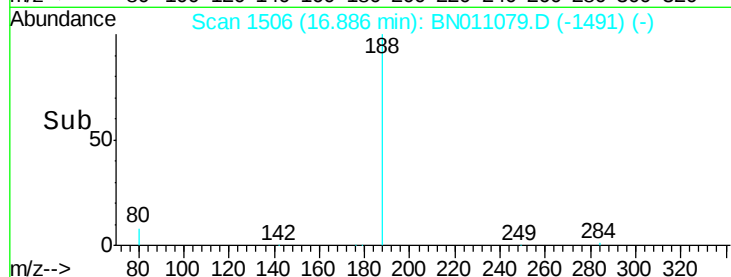
400

200

0

16.80 17.00

Time-->



#20

4,6-Dinitro-2-methylphenol

Concen: 2.887 ng

RT: 15.30 min Scan# 1378

Delta R.T. -0.01 min

Lab File: BN011079.D

Acq: 30 Jun 2020 13:31

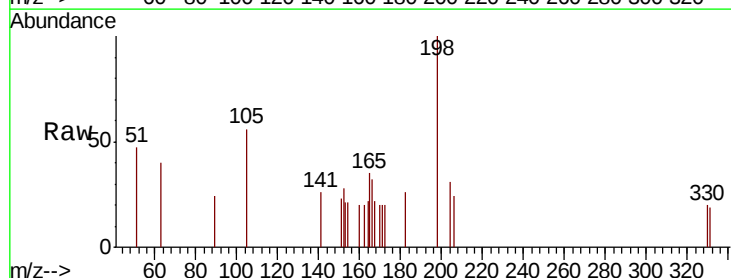
Tgt Ion:198 Resp: 512

Ion Ratio Lower Upper

198 100

51 47.4 58.2 87.4#

105 55.6 59.0 88.4#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E

1000

800

600

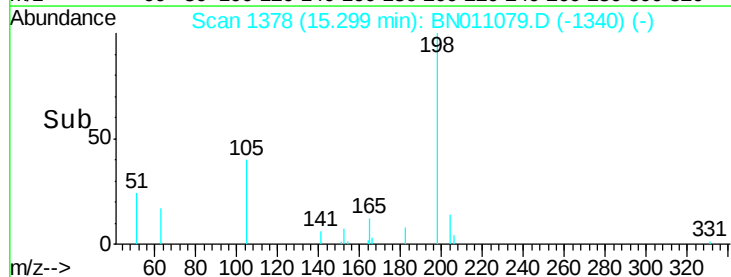
400

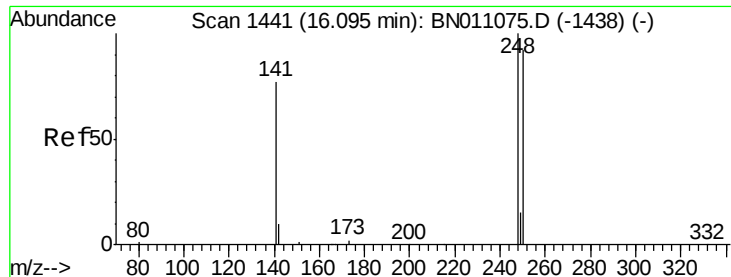
200

0

15.20 15.40 15.60

Time-->

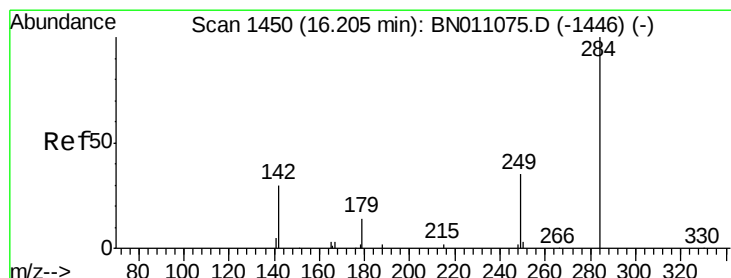
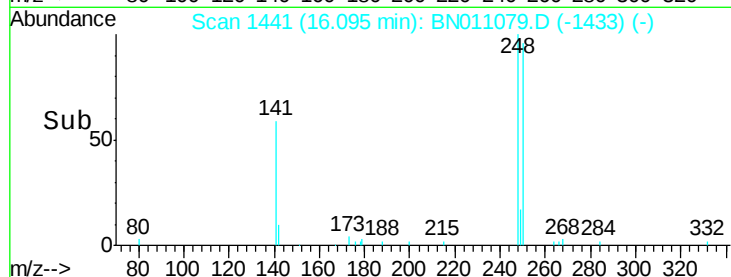
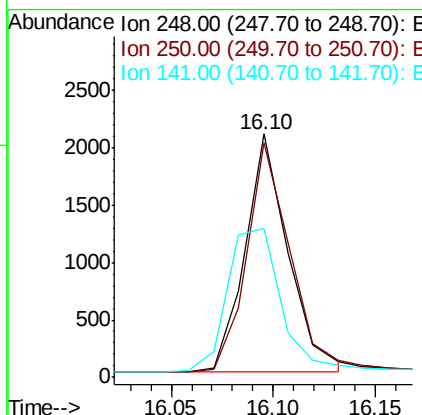
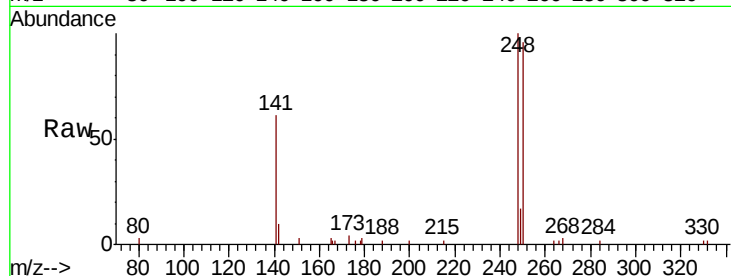




#21
4-Bromophenyl-phenylether
Concen: 4.155 ng
RT: 16.10 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BN011079.D
Acq: 30 Jun 2020 13:31

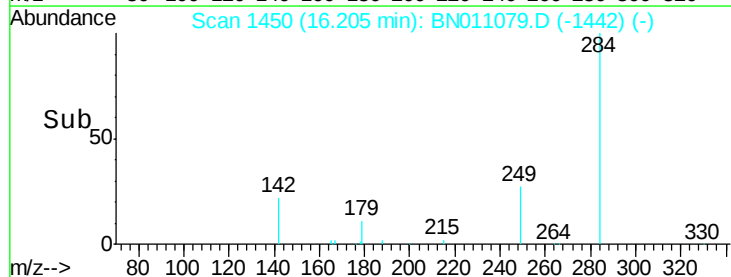
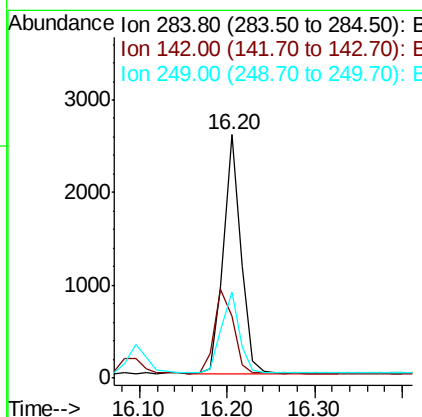
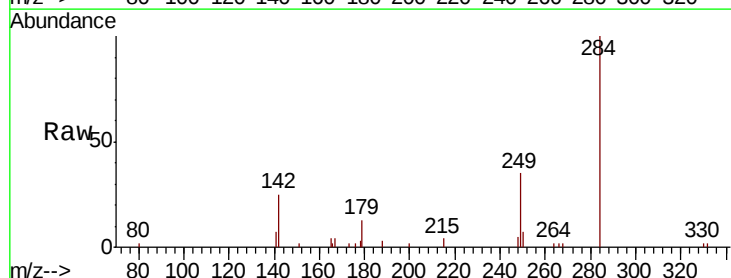
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

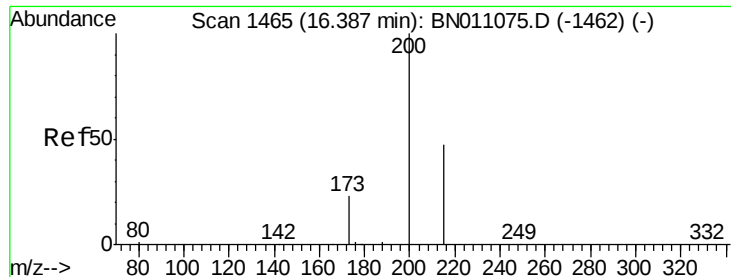
Tot Ion:248 Resp: 3042
Ion Ratio Lower Upper
248 100
250 96.1 73.8 110.8
141 61.2 63.1 94.7#



#22
Hexachlorobenzene
Concen: 4.416 ng
RT: 16.20 min Scan# 1450
Delta R.T. -0.00 min
Lab File: BN011079.D
Acq: 30 Jun 2020 13:31

Tgt Ion:284 Resp: 3576
Ion Ratio Lower Upper
284 100
142 38.3 33.3 49.9
249 33.9 27.4 41.2





#23

Atrazine

Concen: 3.886 ng

RT: 16.39 min Scan# 1465

Delta R.T. -0.00 min

Lab File: BN011079.D

Acq: 30 Jun 2020 13:31

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

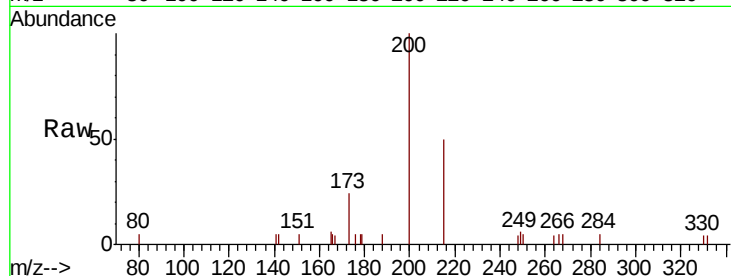
Tot Ion:200 Resp: 2103

Ion Ratio Lower Upper

200 100

173 24.2 22.8 34.2

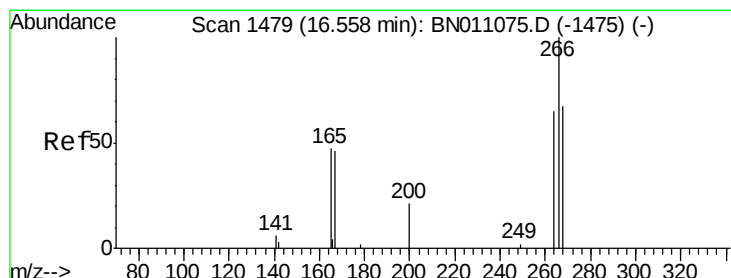
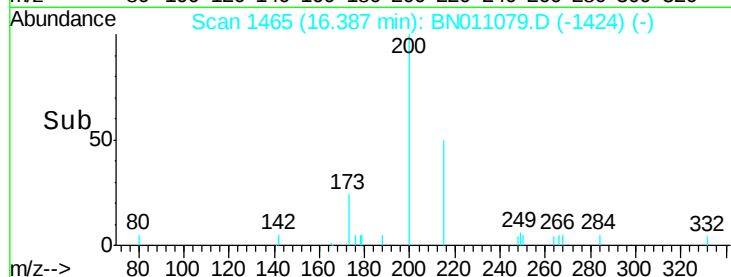
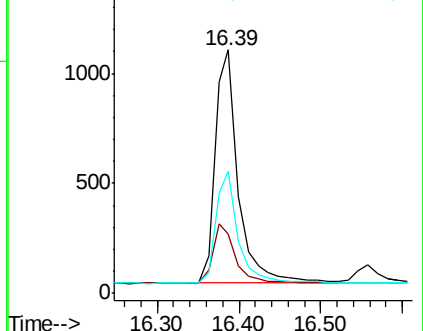
215 50.0 40.7 61.1



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: 3.589 ng

RT: 16.56 min Scan# 1479

Delta R.T. -0.00 min

Lab File: BN011079.D

Acq: 30 Jun 2020 13:31

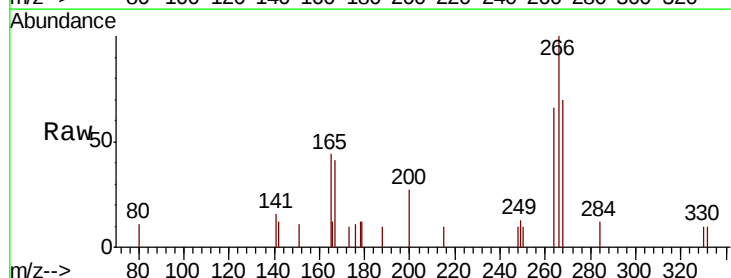
Tgt Ion:266 Resp: 919

Ion Ratio Lower Upper

266 100

264 62.9 47.4 71.0

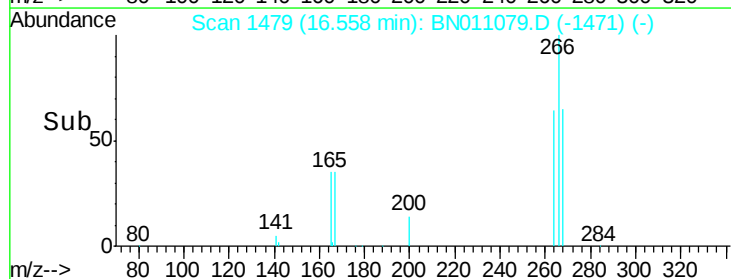
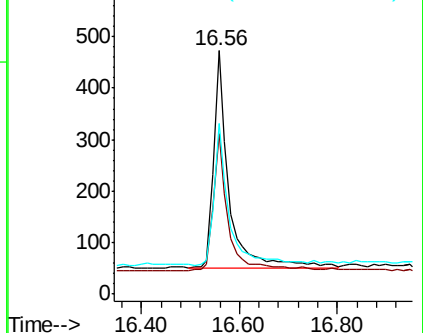
268 63.4 55.0 82.4

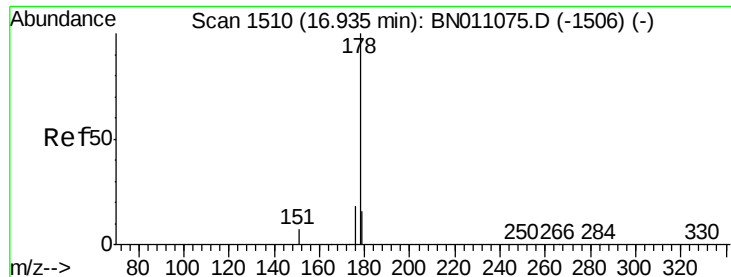


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Phenanthrene

Concen: 4.120 ng

RT: 16.93 min Scan# 1510

Delta R.T. -0.00 min

Lab File: BN011079.D

Acq: 30 Jun 2020 13:31

Instrument :

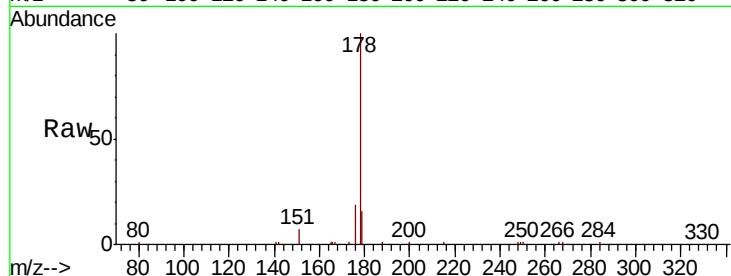
BNA_N

ClientSampleId :

SSTDICC5.0

Tot Ion:178 Resp: 14707

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.0	22.6
179	15.4	12.5	18.7

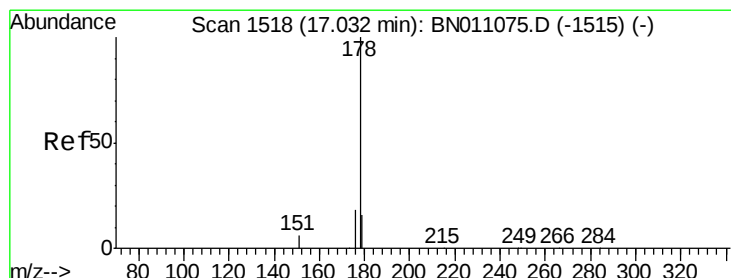
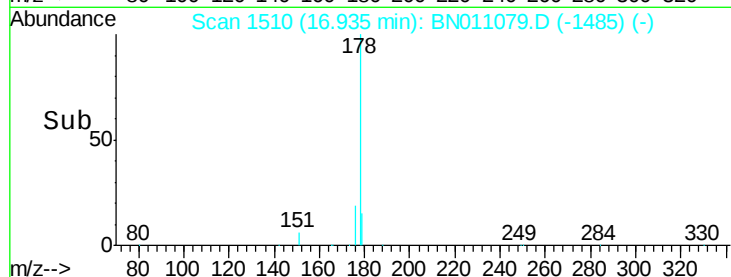
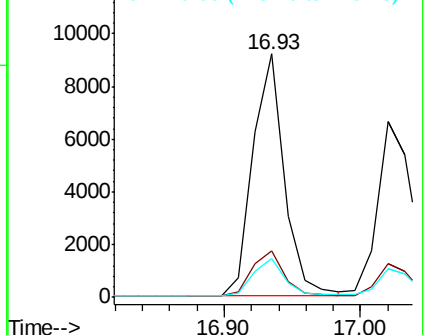


Abundance

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: 4.129 ng

RT: 17.02 min Scan# 1517

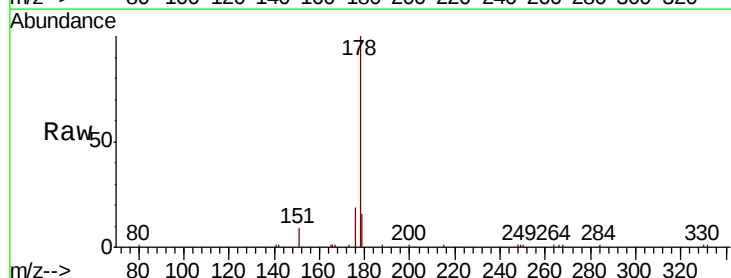
Delta R.T. -0.01 min

Lab File: BN011079.D

Acq: 30 Jun 2020 13:31

Tgt Ion:178 Resp: 12230

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.2	21.4
179	15.3	12.2	18.2

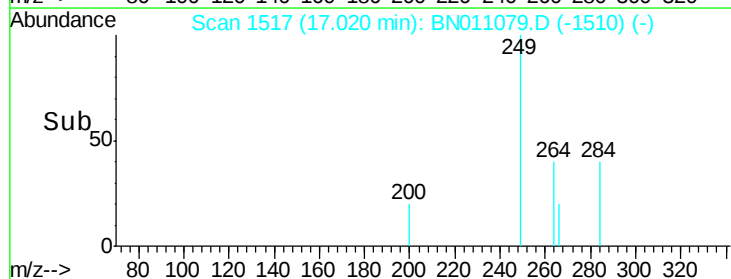
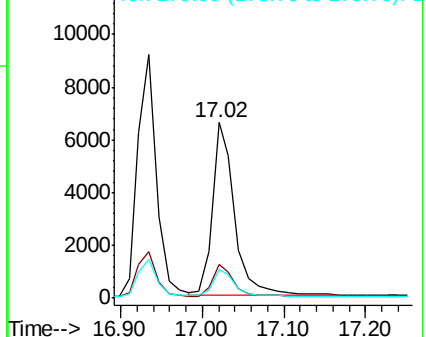


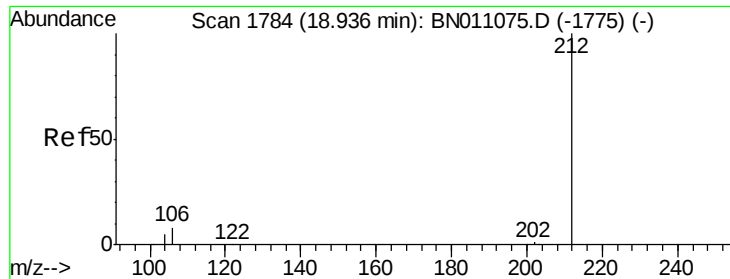
Abundance

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

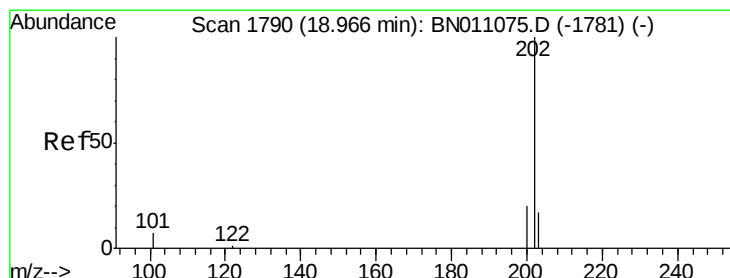
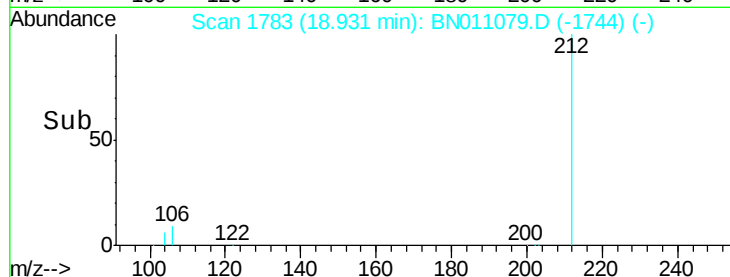
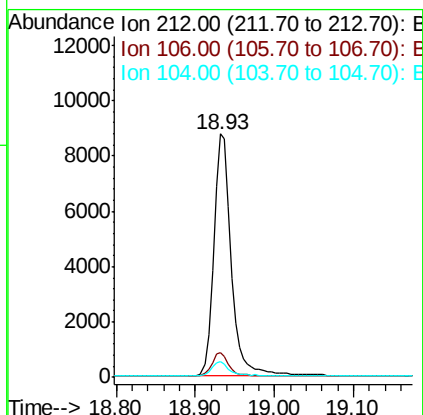
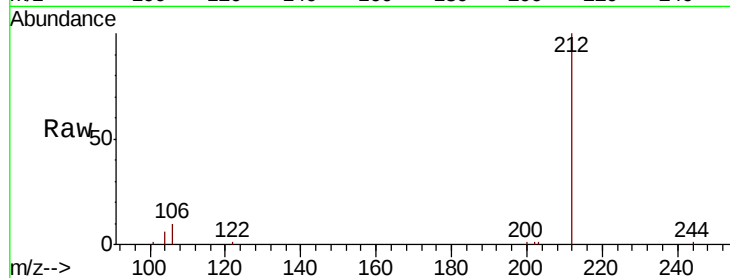




#27
 Fluoranthene-d10
 Concen: 4.079 ng
 RT: 18.93 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: BN011079.D
 Acq: 30 Jun 2020 13:31

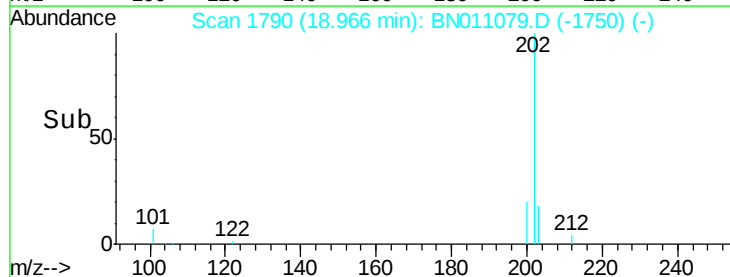
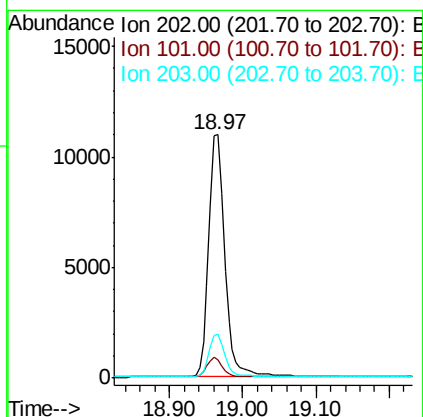
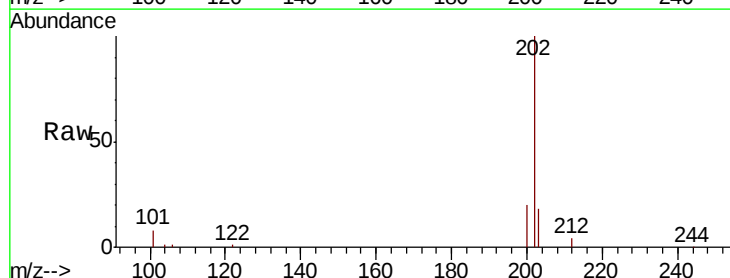
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC5.0

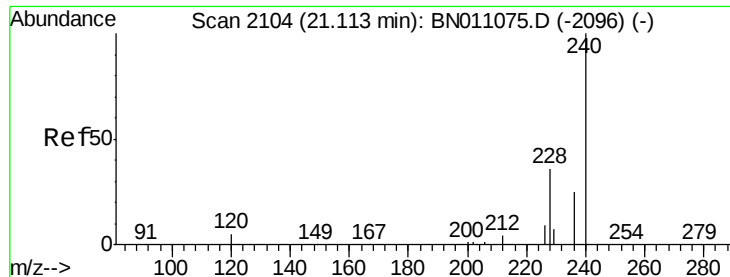
Tot Ion:212 Resp: 13664
 Ion Ratio Lower Upper
 212 100
 106 9.4 7.1 10.7
 104 5.4 4.2 6.4



#28
 Fluoranthene
 Concen: 4.099 ng
 RT: 18.97 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: BN011079.D
 Acq: 30 Jun 2020 13:31

Tgt Ion:202 Resp: 16719
 Ion Ratio Lower Upper
 202 100
 101 8.1 6.3 9.5
 203 17.1 13.5 20.3

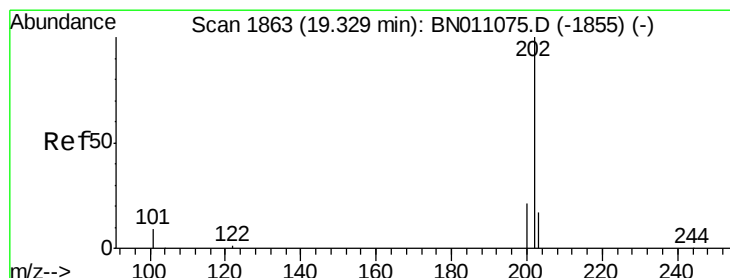
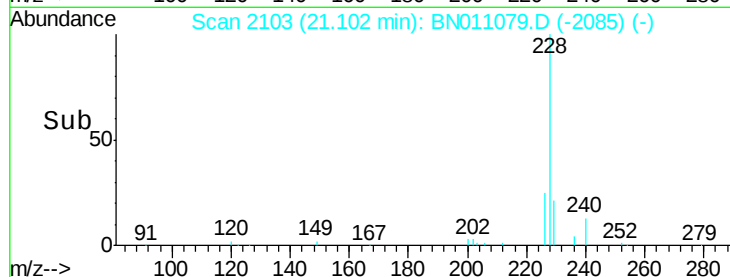
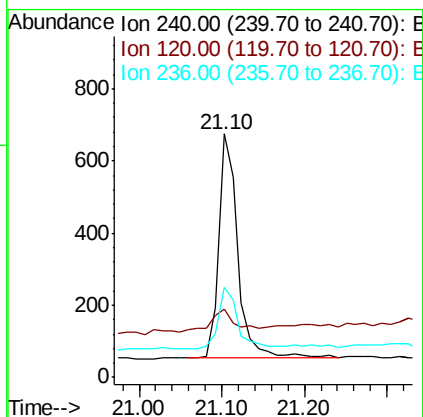
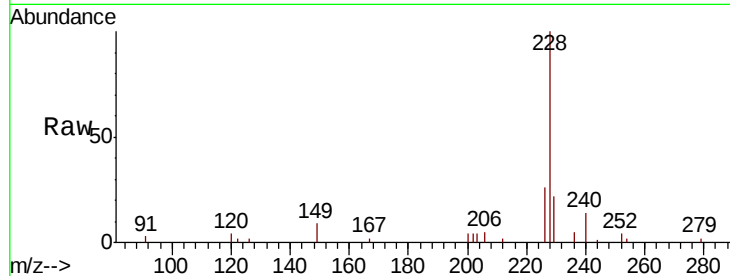




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.10 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BN011079.D
Acq: 30 Jun 2020 13:31

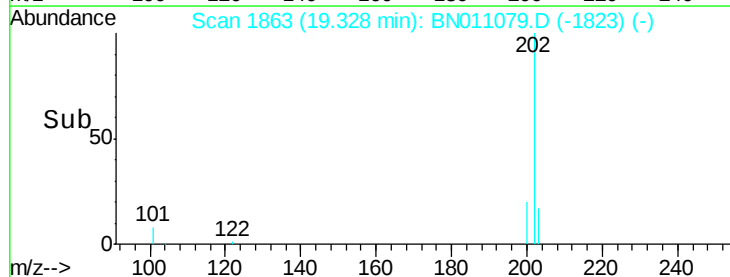
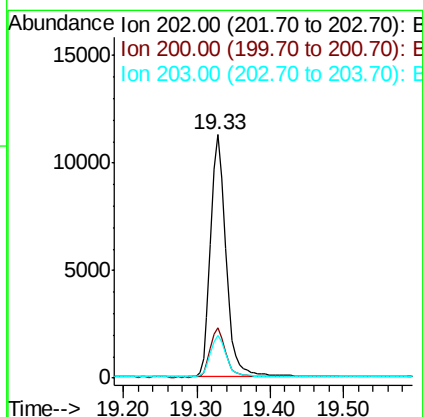
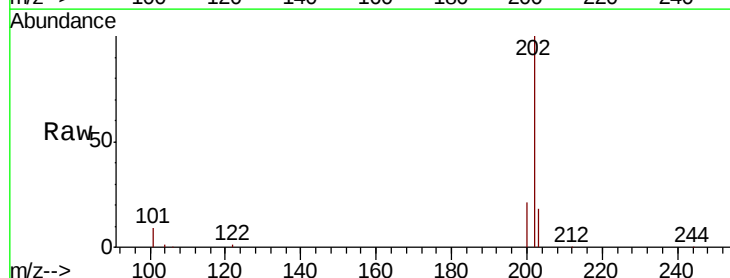
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

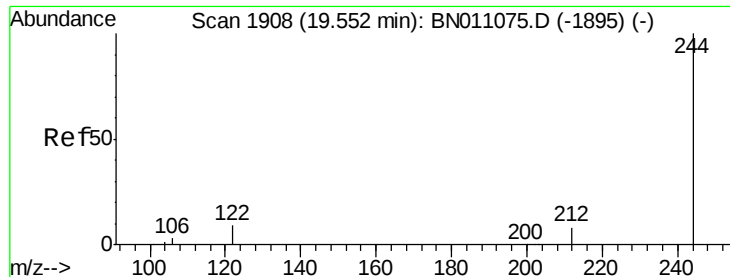
Tot Ion:240 Resp: 1009
Ion Ratio Lower Upper
240 100
120 28.1 6.5 9.7#
236 37.0 21.9 32.9#



#30
Pyrene
Concen: 4.224 ng
RT: 19.33 min Scan# 1863
Delta R.T. -0.00 min
Lab File: BN011079.D
Acq: 30 Jun 2020 13:31

Tgt Ion:202 Resp: 16399
Ion Ratio Lower Upper
202 100
200 20.4 16.6 25.0
203 17.5 14.2 21.4





#31

Terphenyl-d14

Concen: 4.207 ng

RT: 19.55 min Scan# 1908

Delta R.T. -0.00 min

Lab File: BN011079.D

Acq: 30 Jun 2020 13:31

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

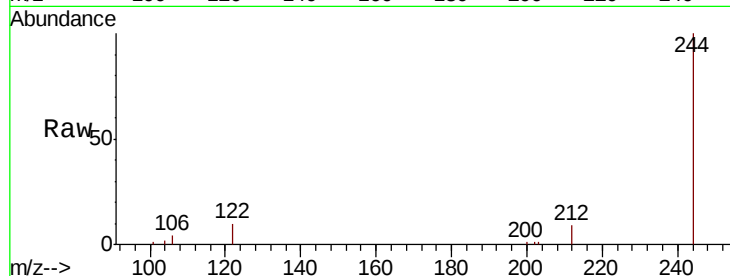
Tot Ion:244 Resp: 11400

Ion Ratio Lower Upper

244 100

212 8.8 7.5 11.3

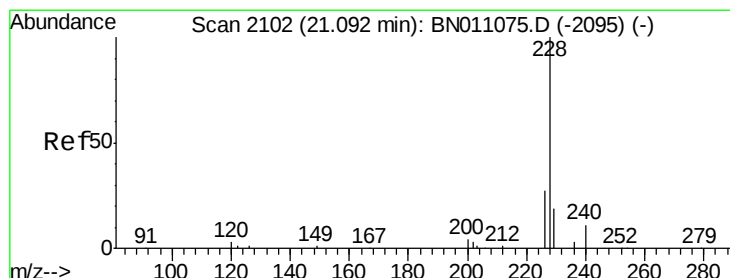
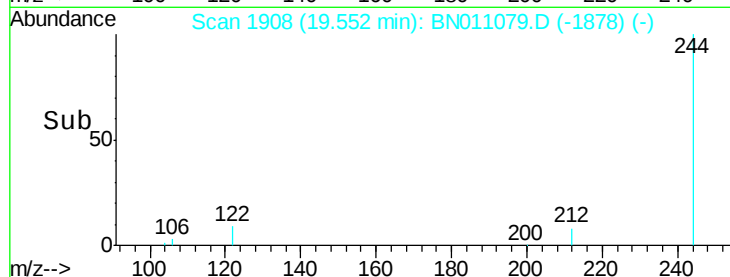
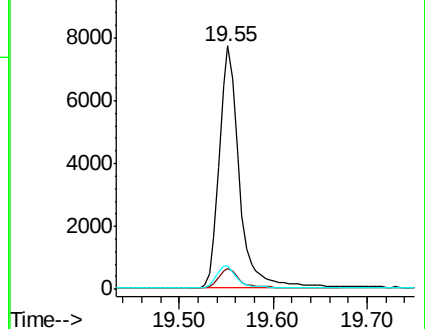
122 9.7 8.2 12.4



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: 4.169 ng

RT: 21.09 min Scan# 2102

Delta R.T. -0.00 min

Lab File: BN011079.D

Acq: 30 Jun 2020 13:31

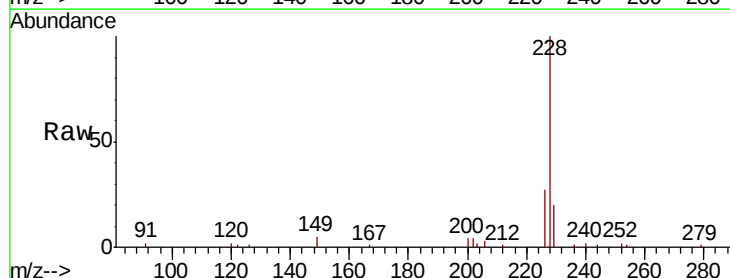
Tgt Ion:228 Resp: 14572

Ion Ratio Lower Upper

228 100

226 27.0 22.0 33.0

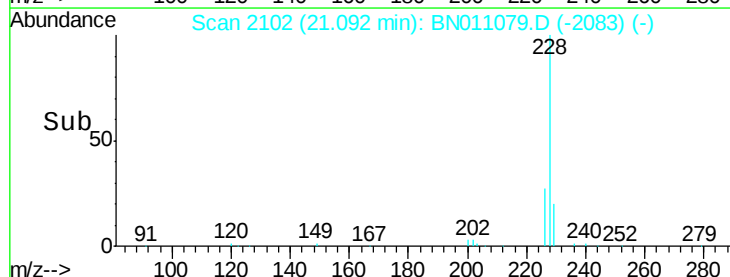
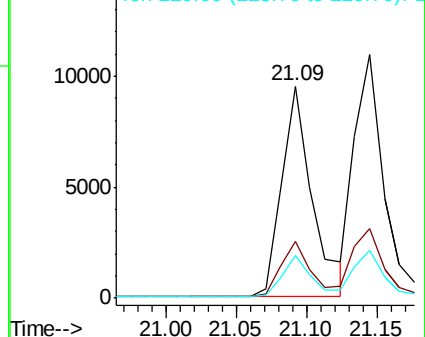
229 20.2 16.1 24.1

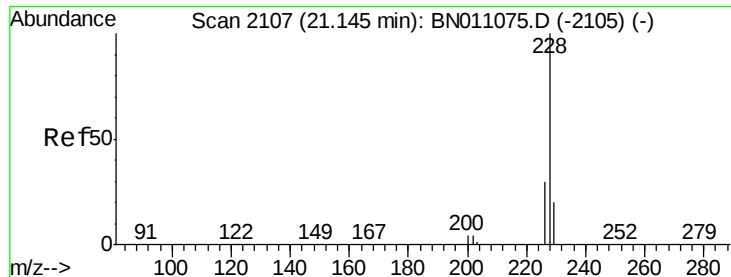


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Chrysene

Concen: 4.199 ng

RT: 21.14 min Scan# 2107

Delta R.T. -0.00 min

Lab File: BN011079.D

Acq: 30 Jun 2020 13:31

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

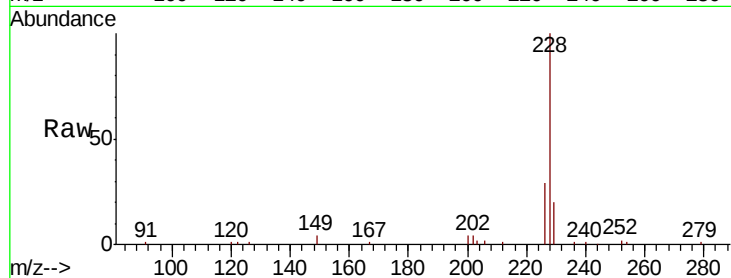
Tot Ion:228 Resp: 16001

Ion Ratio Lower Upper

228 100

226 28.8 24.0 36.0

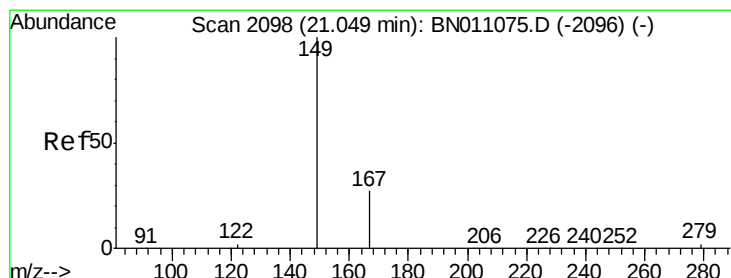
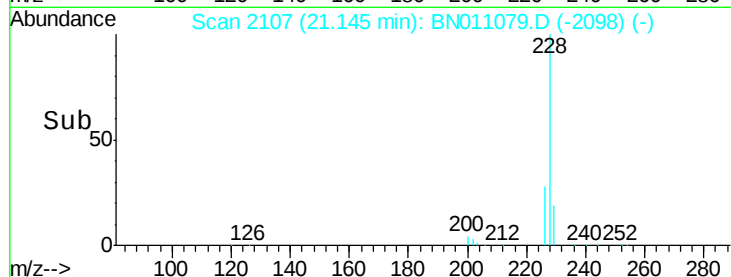
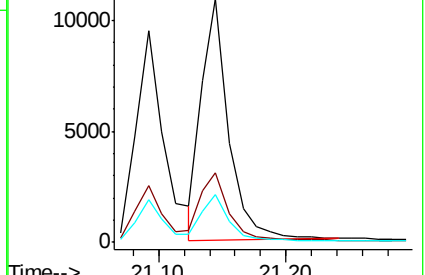
229 19.8 16.4 24.6



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: 3.867 ng

RT: 21.05 min Scan# 2098

Delta R.T. -0.00 min

Lab File: BN011079.D

Acq: 30 Jun 2020 13:31

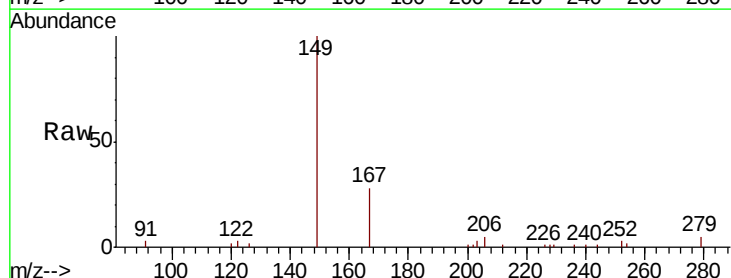
Tgt Ion:149 Resp: 5434

Ion Ratio Lower Upper

149 100

167 28.0 22.2 33.4

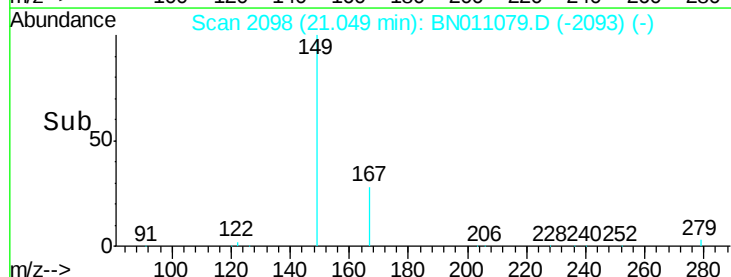
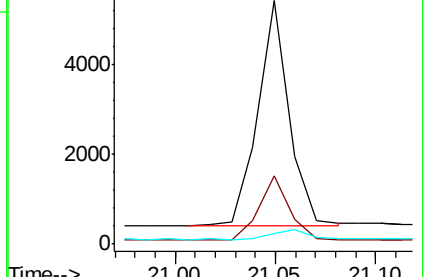
279 5.0 4.5 6.7

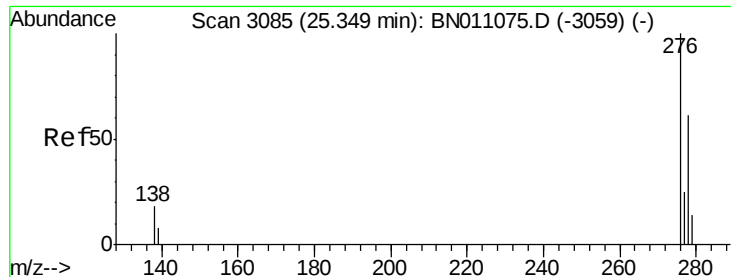


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

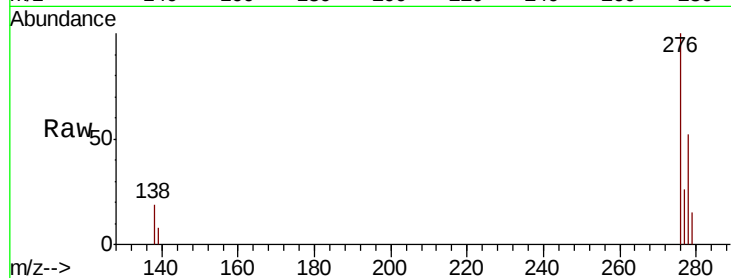




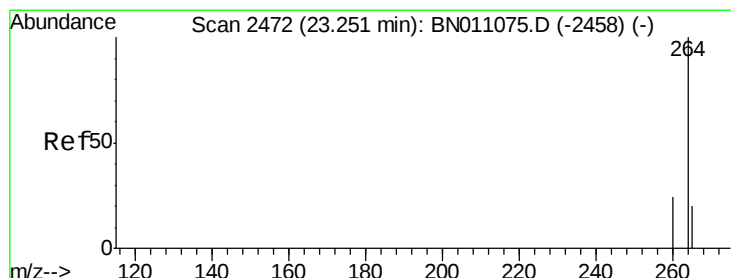
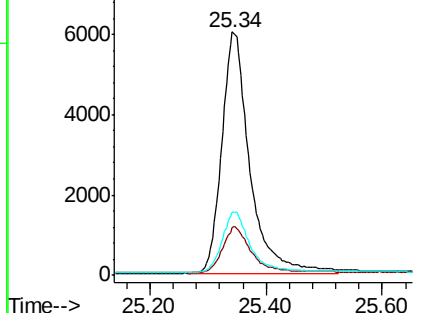
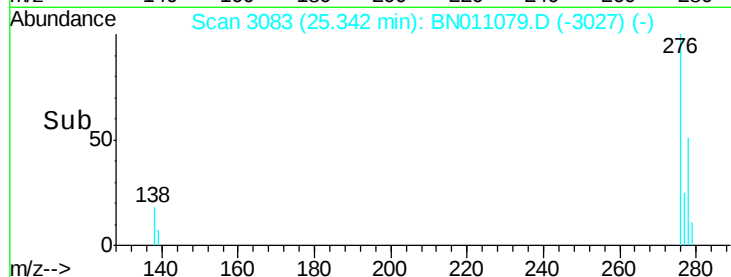
#35
 Indeno(1,2,3-cd)pyrene
 Concen: 4.732 ng
 RT: 25.34 min Scan# 3083
 Delta R.T. -0.01 min
 Lab File: BN011079.D
 Acq: 30 Jun 2020 13:31

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC5.0

Tot Ion:276 Resp: 20059
 Ion Ratio Lower Upper
 276 100
 138 18.8 15.4 23.0
 277 25.0 19.4 29.0

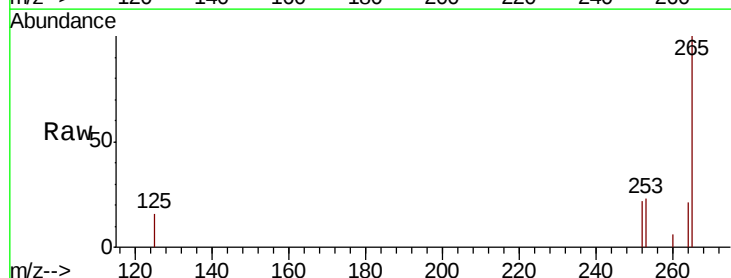


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

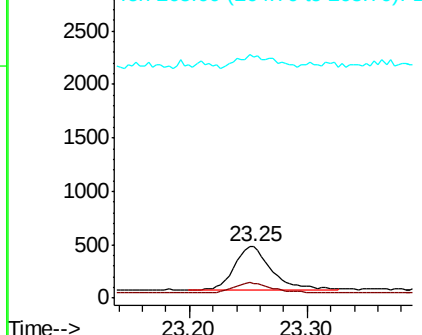
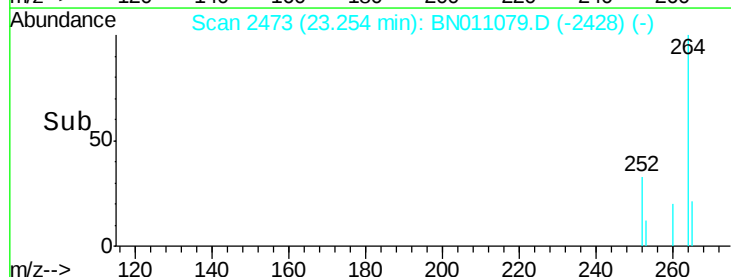


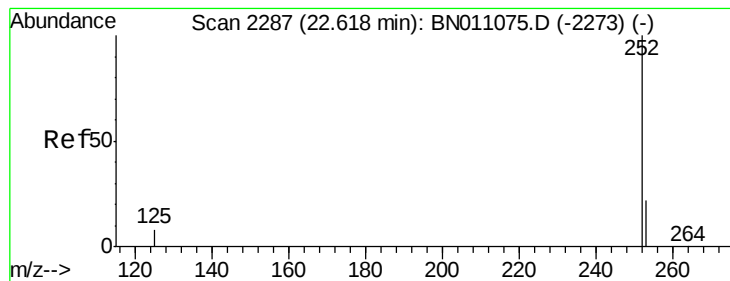
#36
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.25 min Scan# 2473
 Delta R.T. 0.00 min
 Lab File: BN011079.D
 Acq: 30 Jun 2020 13:31

Tgt Ion:264 Resp: 913
 Ion Ratio Lower Upper
 264 100
 260 27.9 20.4 30.6
 265 470.3 83.0 124.6#



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: 4.385 ng

RT: 22.61 min Scan# 2286

Delta R.T. -0.00 min

Lab File: BN011079.D

Acq: 30 Jun 2020 13:31

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

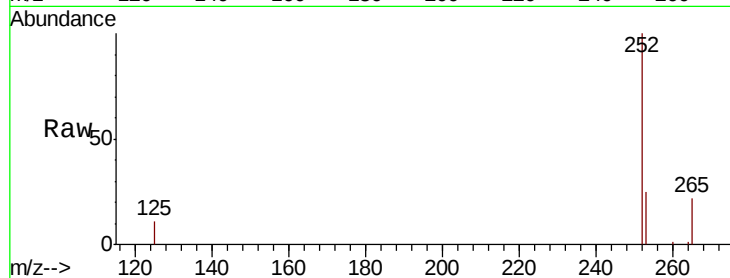
Tot Ion:252 Resp: 15830

Ion Ratio Lower Upper

252 100

253 25.2 22.7 34.1

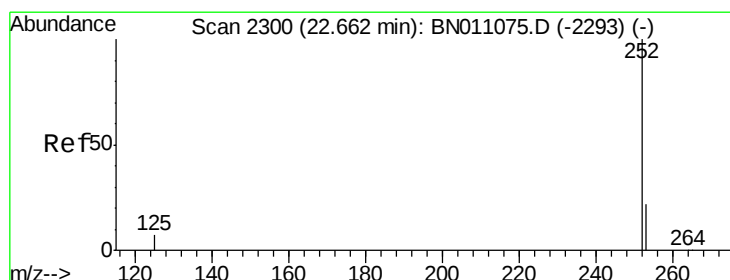
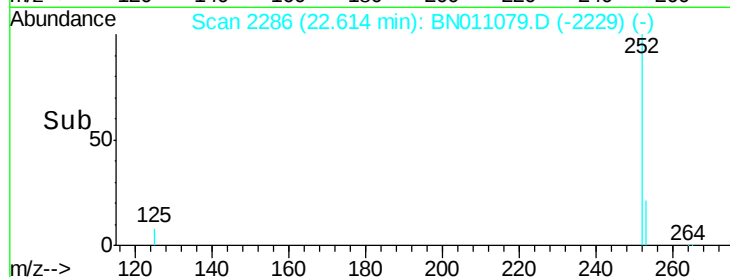
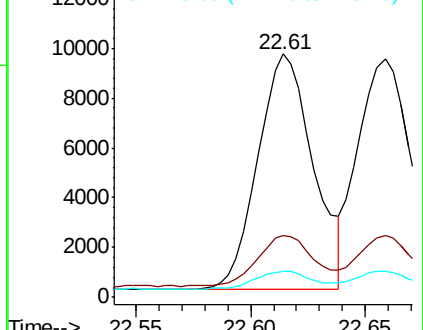
125 10.7 10.4 15.6



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

Benzo(k)fluoranthene

Concen: 4.479 ng

RT: 22.66 min Scan# 2299

Delta R.T. -0.00 min

Lab File: BN011079.D

Acq: 30 Jun 2020 13:31

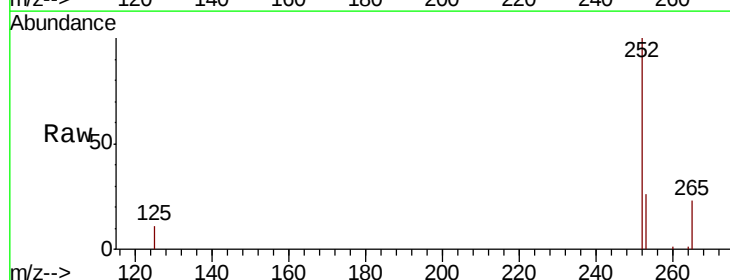
Tgt Ion:252 Resp: 16815

Ion Ratio Lower Upper

252 100

253 26.2 22.9 34.3

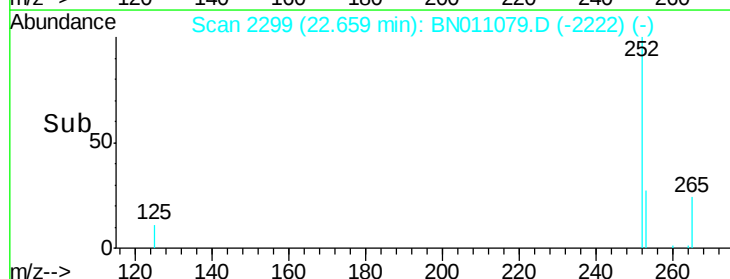
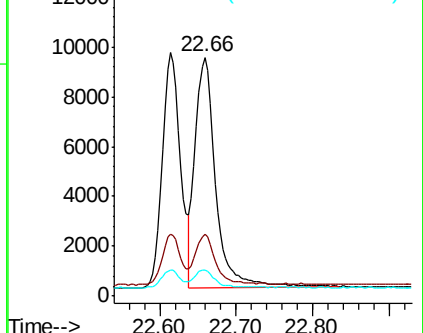
125 11.1 10.6 15.8

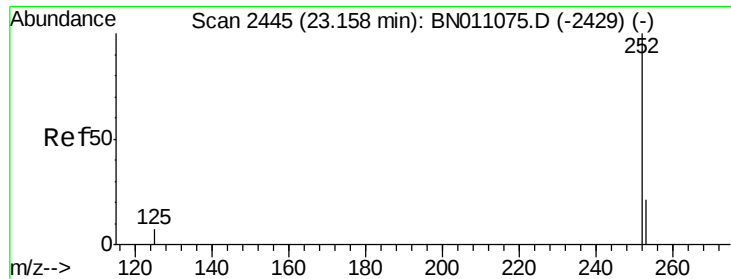


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Benzo(a)pyrene

Concen: 4.150 ng

RT: 23.16 min Scan# 2445

Delta R.T. -0.00 min

Lab File: BN011079.D

Acq: 30 Jun 2020 13:31

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

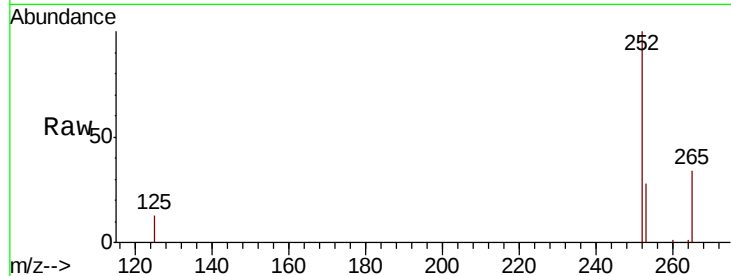
Tot Ion:252 Resp: 13310

Ion Ratio Lower Upper

252 100

253 27.7 25.9 38.9

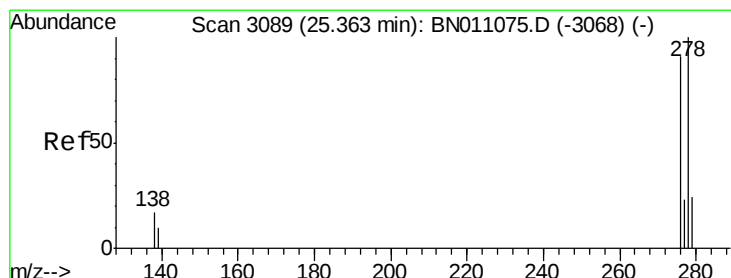
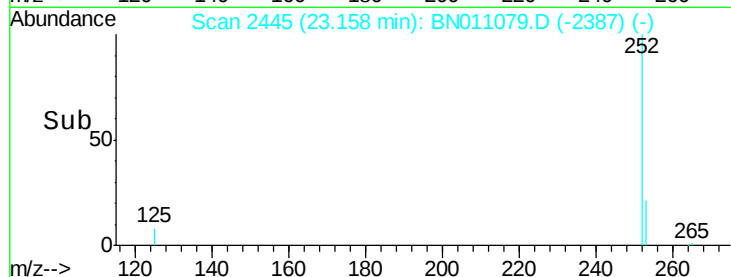
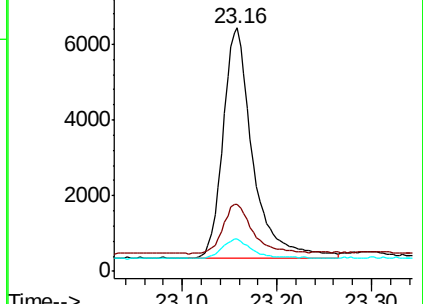
125 13.1 12.5 18.7



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: 4.753 ng

RT: 25.36 min Scan# 3089

Delta R.T. -0.00 min

Lab File: BN011079.D

Acq: 30 Jun 2020 13:31

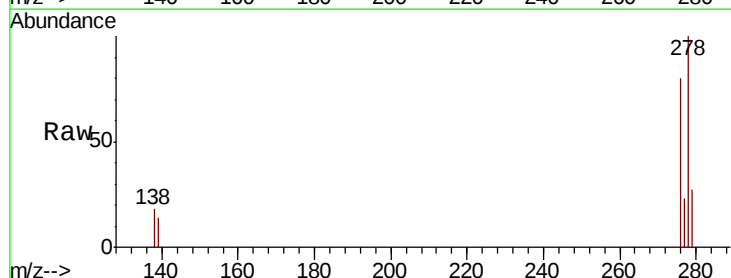
Tgt Ion:278 Resp: 16433

Ion Ratio Lower Upper

278 100

139 13.6 11.9 17.9

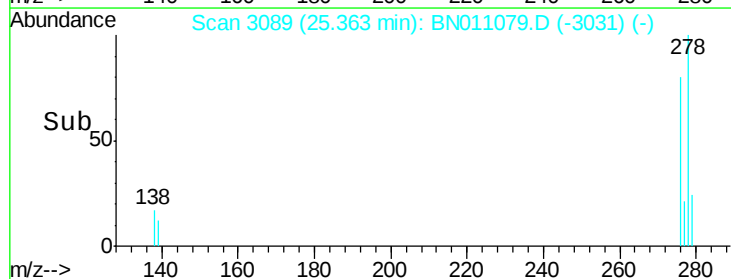
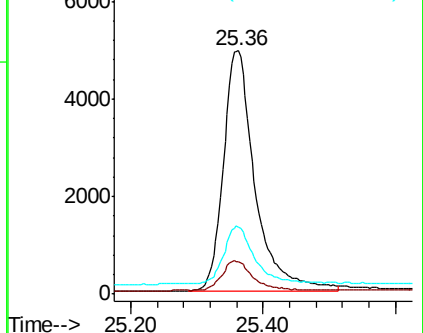
279 27.3 25.5 38.3

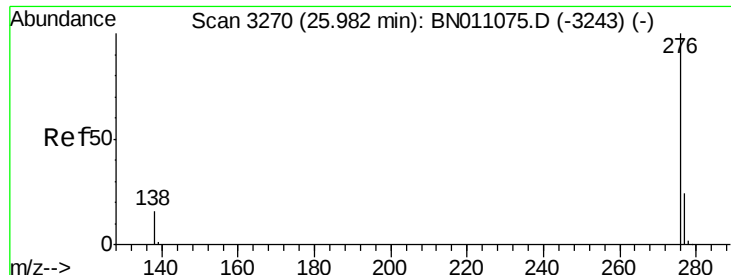


Abundance Ion 278.00 (277.70 to 278.70): E

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: 4.252 ng

RT: 25.97 min Scan# 3267

Delta R.T. -0.01 min

Lab File: BN011079.D

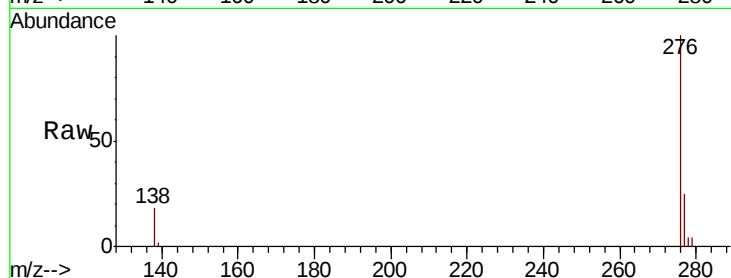
Acq: 30 Jun 2020 13:31

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0



Tot Ion: 276 Resp: 15230

Ion Ratio Lower Upper

276 100

277 25.0 21.1 31.7

138 17.9 15.0 22.6

