

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN063020\
 Data File : BN011075.D
 Acq On : 30 Jun 2020 11:08
 Operator : CG/JU
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICCC0.4

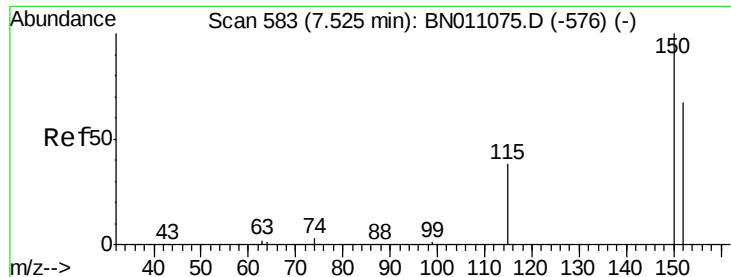
Quant Time: Jun 30 11:45:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN063020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 30 11:38:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	1733	0.40	ng	0.00
7) Naphthalene-d8	10.27	136	5779	0.40	ng	0.00
13) Acenaphthene-d10	14.13	164	2989	0.40	ng	0.00
19) Phenanthrene-d10	16.90	188	6006	0.40	ng	0.00
29) Chrysene-d12	21.11	240	6168	0.40	ng	0.00
36) Perylene-d12	23.25	264	5555	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.19	112	1776	0.36	ng	0.00
5) Phenol-d6	6.73	99	2085	0.36	ng	0.00
8) Nitrobenzene-d5	8.66	82	1968	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	11.86	152	4169	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.65	330	508	0.39	ng	0.00
15) 2-Fluorobiphenyl	12.76	172	5758	0.41	ng	0.00
27) Fluoranthene-d10	18.94	212	7348	0.39	ng	0.00
31) Terphenyl-d14	19.55	244	6222	0.38	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.24	88	1011	0.434	ng	100
3) n-Nitrosodimethylamine	3.57	42	473	0.364	ng	# 100
6) bis(2-Chloroethyl)ether	6.97	93	1991	0.398	ng	100
9) Naphthalene	10.32	128	6847	0.390	ng	100
10) Hexachlorobutadiene	10.61	225	1906	0.451	ng	# 100
12) 2-Methylnaphthalene	11.94	142	4658	0.396	ng	100
16) Acenaphthylene	13.85	152	5989	0.398	ng	100
17) Acenaphthene	14.20	154	4082	0.403	ng	100
18) Fluorene	15.20	166	5160	0.400	ng	100
20) 4,6-Dinitro-2-methylphenol	15.31	198	235	0.234	ng	100
21) 4-Bromophenyl-phenylether	16.10	248	1622	0.391	ng	100
22) Hexachlorobenzene	16.20	284	1917	0.417	ng	100
23) Atrazine	16.39	200	1162	0.379	ng	100
24) Pentachlorophenol	16.56	266	500	0.344	ng	97
25) Phenanthrene	16.93	178	7950	0.393	ng	100
26) Anthracene	17.03	178	6585	0.392	ng	100
28) Fluoranthene	18.97	202	8822	0.381	ng	100
30) Pyrene	19.33	202	8814	0.371	ng	100
32) Benzo(a)anthracene	21.09	228	8409	0.394	ng	100
33) Chrysene	21.15	228	9454	0.406	ng	100
34) Bis(2-ethylhexyl)phthalate	21.05	149	3328	0.387	ng	100
35) Indeno(1,2,3-cd)pyrene	25.35	276	9672	0.373	ng	100
37) Benzo(b)fluoranthene	22.62	252	9199	0.419	ng	100
38) Benzo(k)fluoranthene	22.66	252	10353	0.453	ng	100
39) Benzo(a)pyrene	23.16	252	7751	0.397	ng	100
40) Dibenzo(a,h)anthracene	25.36	278	7514	0.357	ng	100
41) Benzo(g,h,i)perylene	25.98	276	8399	0.385	ng	100

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

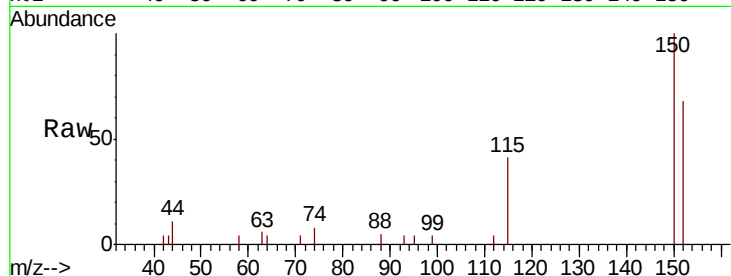


#1

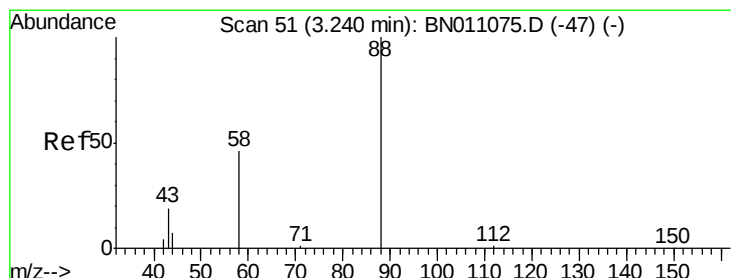
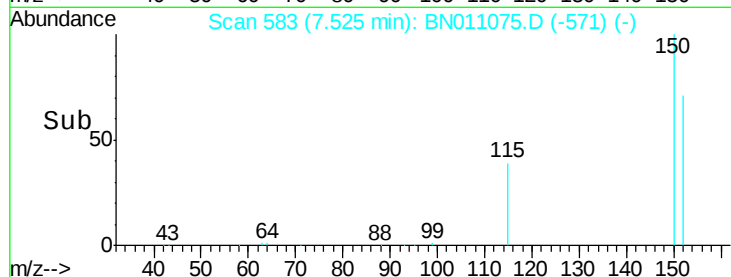
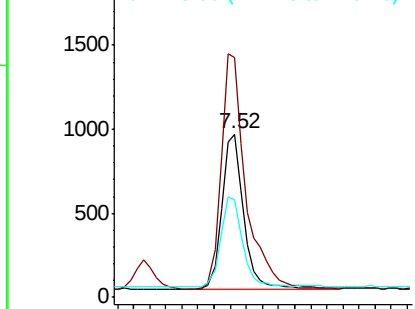
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.52 min Scan# 583
Delta R.T. 0.00 min
Lab File: BN011075.D
Acq: 30 Jun 2020 11:08

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tot Ion:152 Resp: 1733
Ion Ratio Lower Upper
152 100
150 146.7 117.4 176.0
115 59.9 47.9 71.9



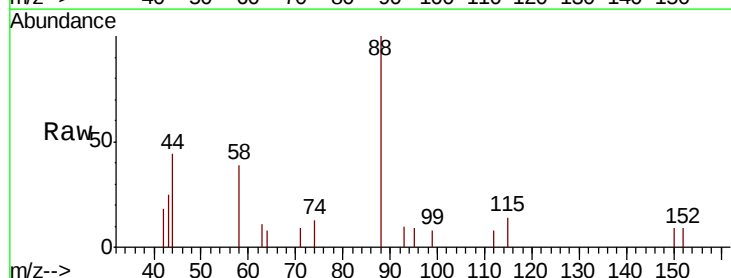
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



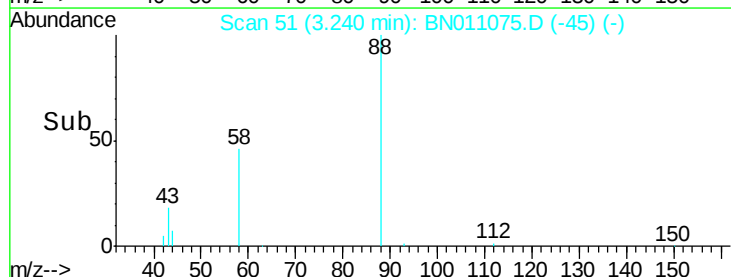
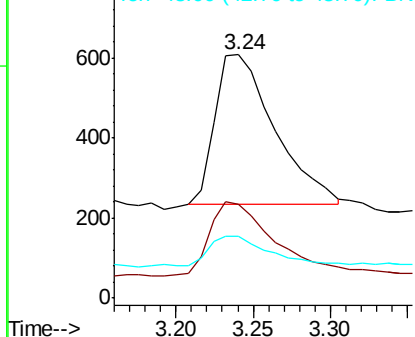
#2

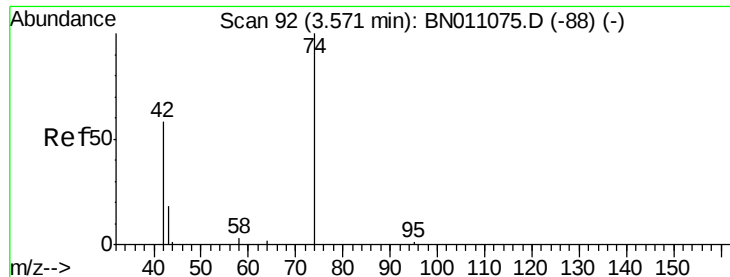
1,4-Dioxane
Concen: 0.434 ng
RT: 3.24 min Scan# 51
Delta R.T. 0.00 min
Lab File: BN011075.D
Acq: 30 Jun 2020 11:08

Tgt Ion: 88 Resp: 1011
Ion Ratio Lower Upper
88 100
58 48.2 38.6 57.8
43 19.2 15.4 23.0



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

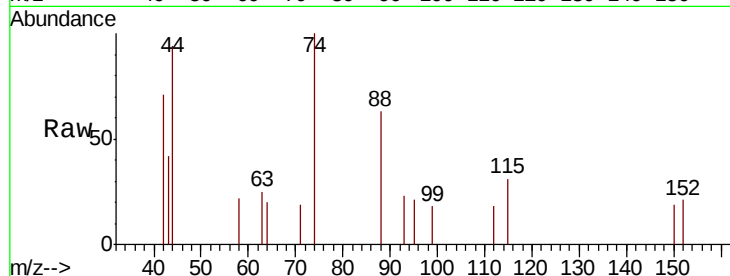




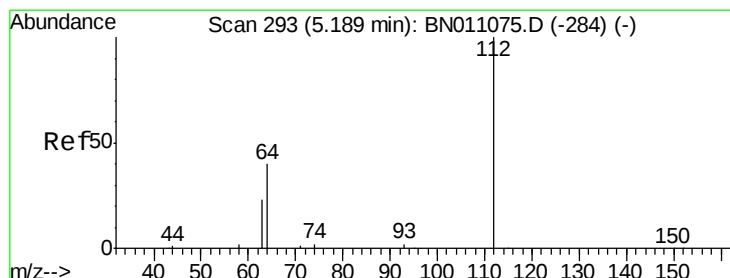
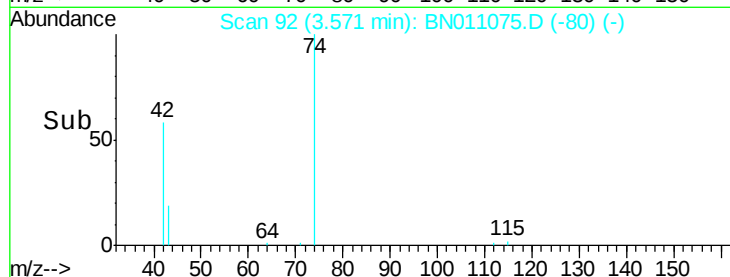
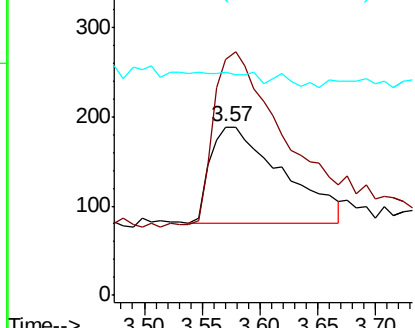
#3
n-Nitrosodimethylamine
Concen: 0.364 ng
RT: 3.57 min Scan# 92
Delta R.T. 0.00 min
Lab File: BN011075.D
Acq: 30 Jun 2020 11:08

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tot Ion: 42 Resp: 473
Ion Ratio Lower Upper
42 100
74 178.4 142.5 213.7
44 0.0 0.0 0.0

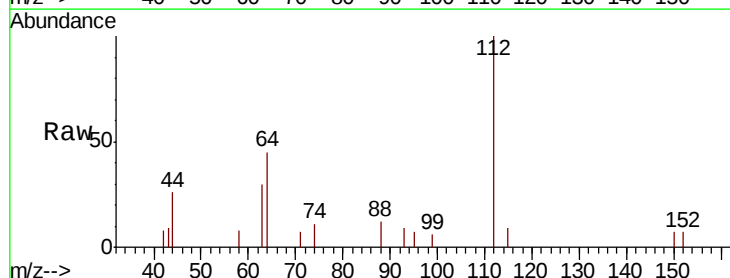


Abundance Ion 42.00 (41.70 to 42.70): BN0
Ion 74.00 (73.70 to 74.70): BN0
Ion 44.00 (43.70 to 44.70): BN0

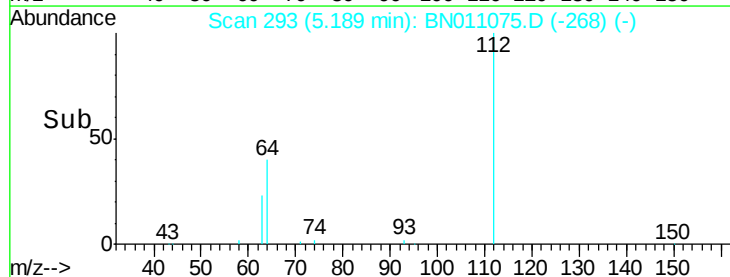
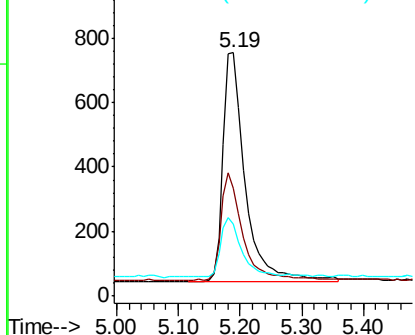


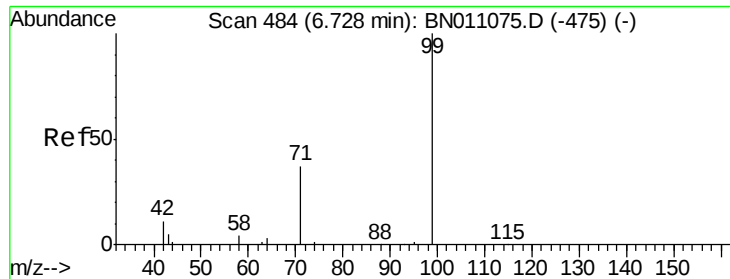
#4
2-Fluorophenol
Concen: 0.364 ng
RT: 5.19 min Scan# 293
Delta R.T. 0.00 min
Lab File: BN011075.D
Acq: 30 Jun 2020 11:08

Tgt Ion: 112 Resp: 1776
Ion Ratio Lower Upper
112 100
64 45.6 36.5 54.7
63 25.7 20.6 30.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BN0
Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.361 ng

RT: 6.73 min Scan# 484

Delta R.T. 0.00 min

Lab File: BN011075.D

Acq: 30 Jun 2020 11:08

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

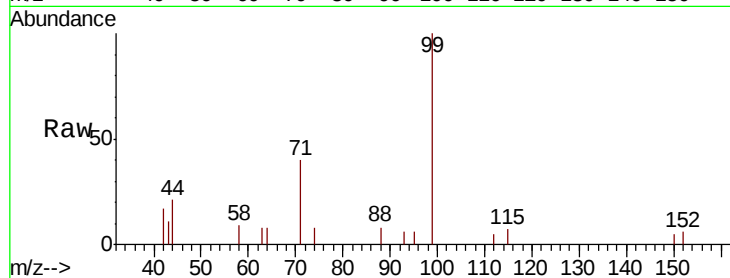
Tot Ion: 99 Resp: 2085

Ion Ratio Lower Upper

99 100

42 12.3 9.8 14.8

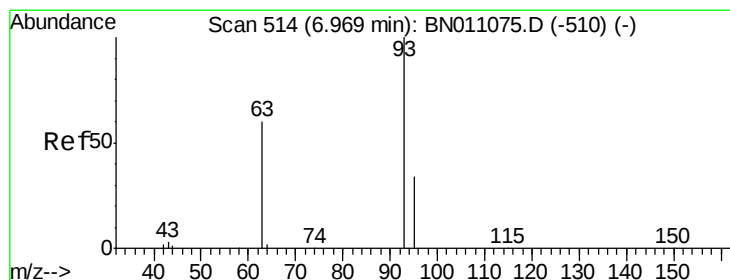
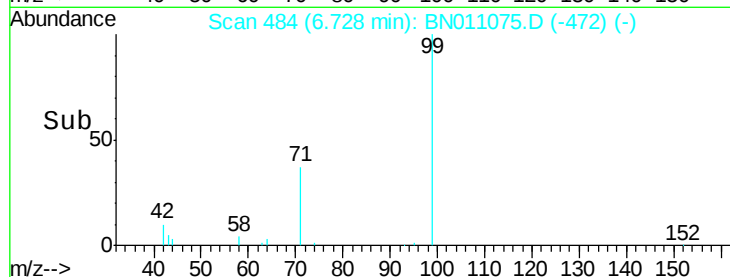
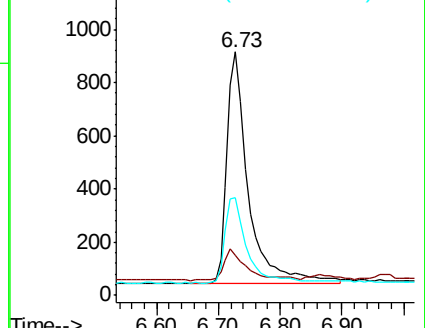
71 38.4 30.7 46.1



Abundance Ion 99.00 (98.70 to 99.70): BN011075.D (-475) (-)

Ion 42.00 (41.70 to 42.70): BN011075.D (-475) (-)

Ion 71.00 (70.70 to 71.70): BN011075.D (-475) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.398 ng

RT: 6.97 min Scan# 514

Delta R.T. 0.00 min

Lab File: BN011075.D

Acq: 30 Jun 2020 11:08

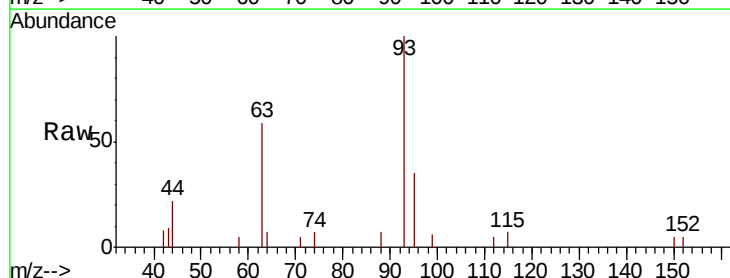
Tgt Ion: 93 Resp: 1991

Ion Ratio Lower Upper

93 100

63 59.3 47.4 71.2

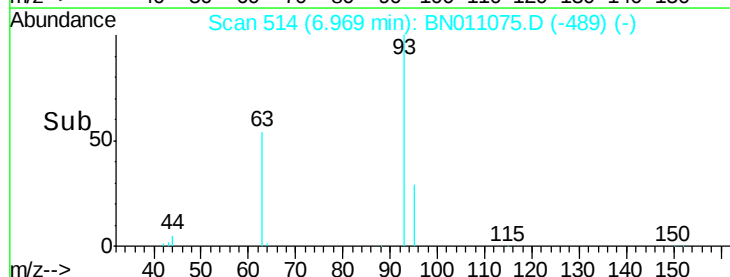
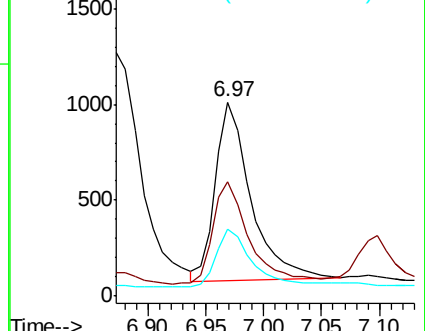
95 33.0 26.4 39.6

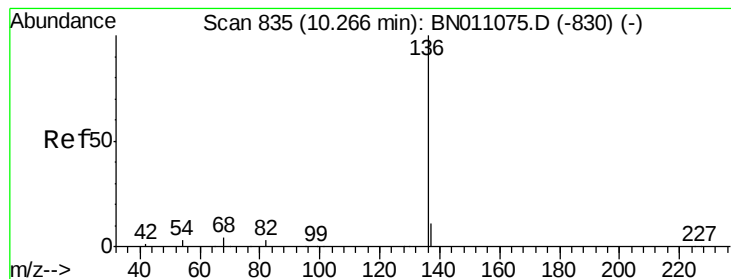


Abundance Ion 93.00 (92.70 to 93.70): BN011075.D (-510) (-)

Ion 63.00 (62.70 to 63.70): BN011075.D (-510) (-)

Ion 95.00 (94.70 to 95.70): BN011075.D (-510) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.27 min Scan# 835

Delta R.T. 0.00 min

Lab File: BN011075.D

Acq: 30 Jun 2020 11:08

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

Tot Ion:136 Resp: 5779

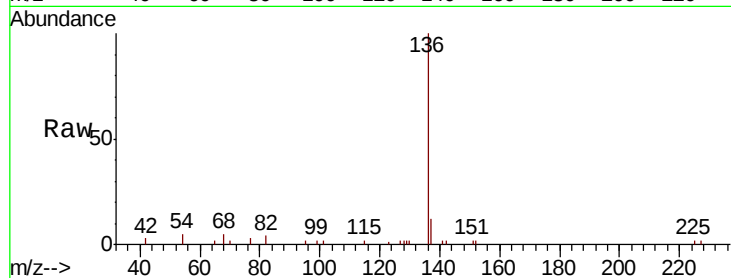
Ion Ratio Lower Upper

136 100

137 12.0 9.6 14.4

54 4.7 3.8 5.6

68 5.4 4.3 6.5

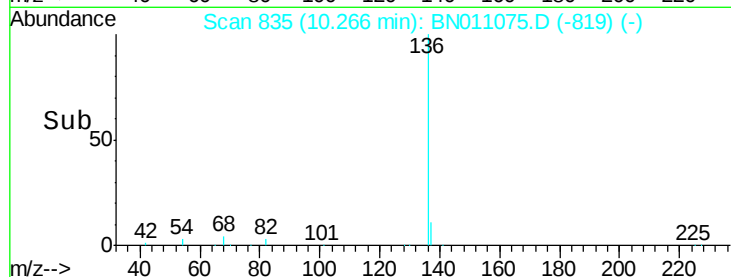


Abundance Ion 136.00 (135.70 to 136.70): E

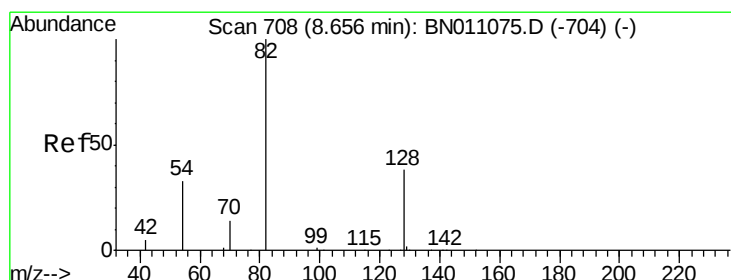
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



Time--> 10.10 10.20 10.30 10.40



#8

Nitrobenzene-d5

Concen: 0.374 ng

RT: 8.66 min Scan# 708

Delta R.T. 0.00 min

Lab File: BN011075.D

Acq: 30 Jun 2020 11:08

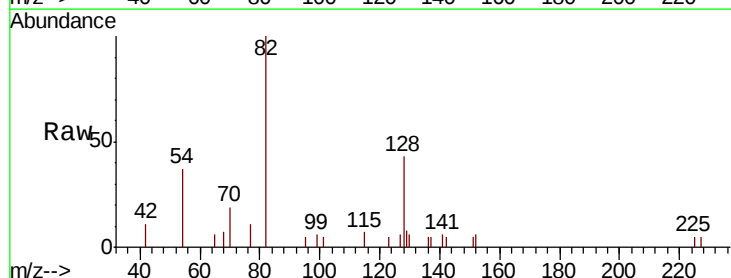
Tgt Ion: 82 Resp: 1968

Ion Ratio Lower Upper

82 100

128 42.7 34.2 51.2

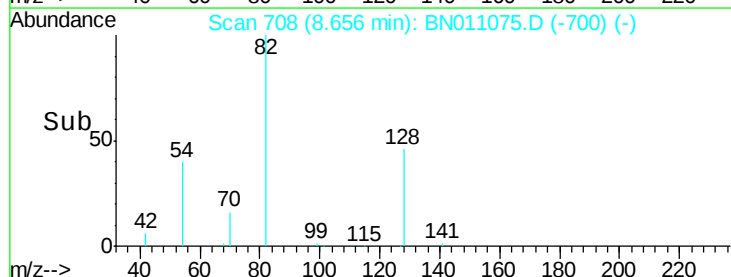
54 36.7 29.4 44.0



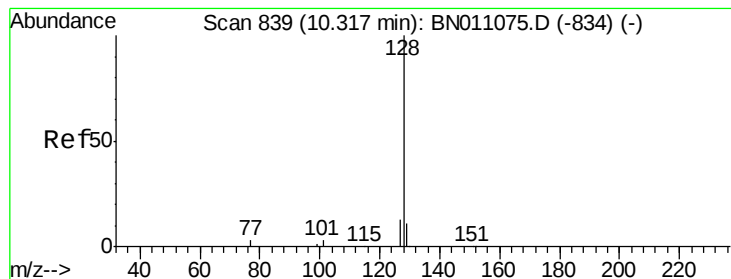
Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC



Time--> 8.60 8.70 8.80



#9

Naphthalene

Concen: 0.390 ng

RT: 10.32 min Scan# 839

Delta R.T. 0.00 min

Lab File: BN011075.D

Acq: 30 Jun 2020 11:08

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

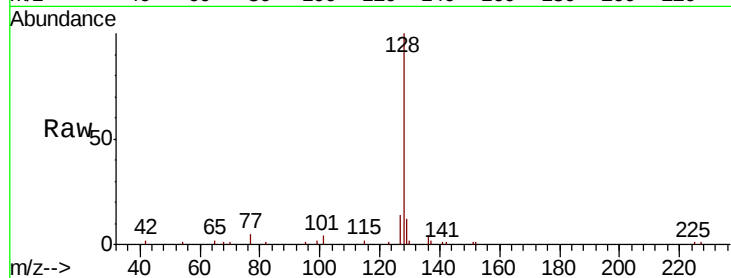
Tot Ion:128 Resp: 6847

Ion Ratio Lower Upper

128 100

129 12.3 9.8 14.8

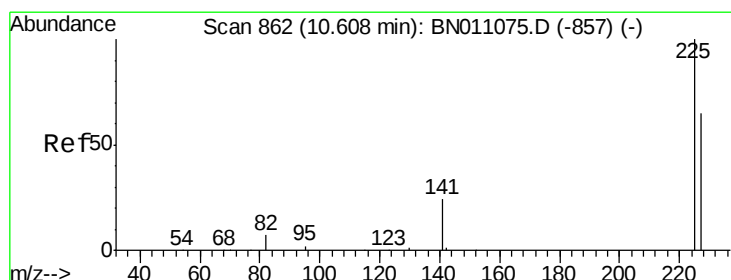
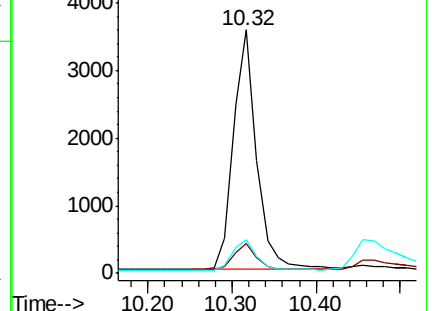
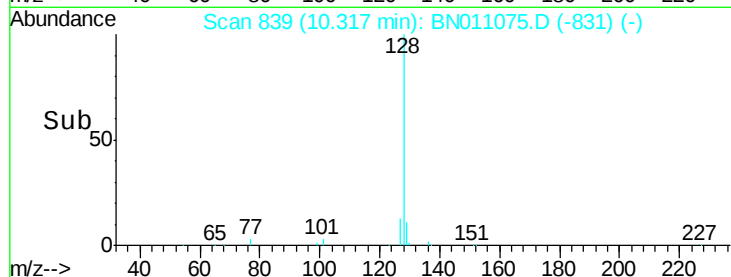
127 14.1 11.3 16.9



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: 0.451 ng

RT: 10.61 min Scan# 862

Delta R.T. 0.00 min

Lab File: BN011075.D

Acq: 30 Jun 2020 11:08

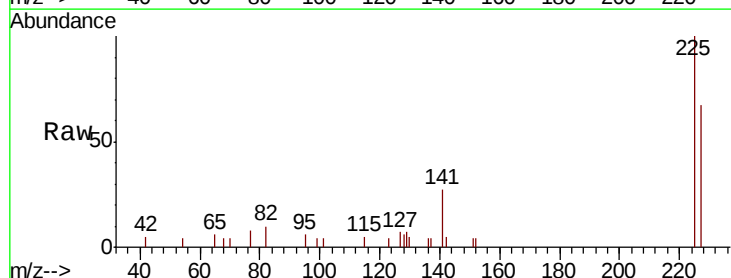
Tgt Ion:225 Resp: 1906

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

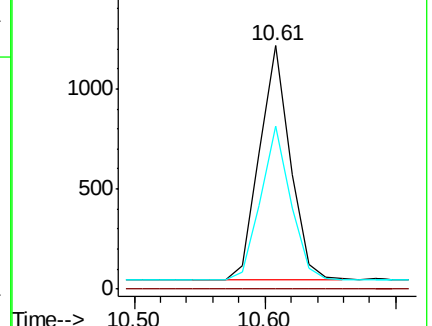
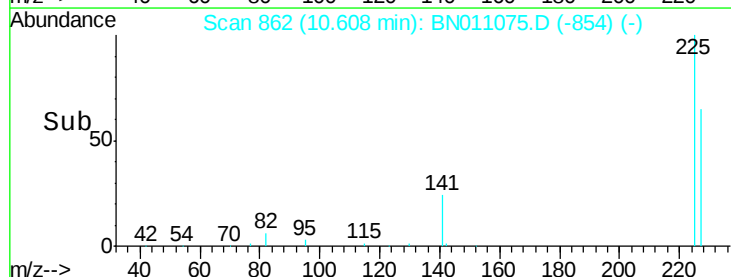
227 64.3 51.4 77.2

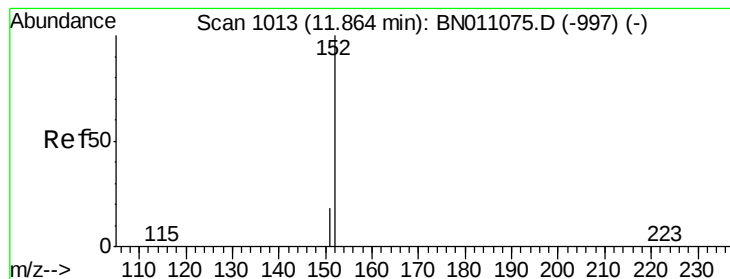


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.409 ng

RT: 11.86 min Scan# 1013

Delta R.T. 0.00 min

Lab File: BN011075.D

Acq: 30 Jun 2020 11:08

Instrument :

BNA_N

ClientSampleId :

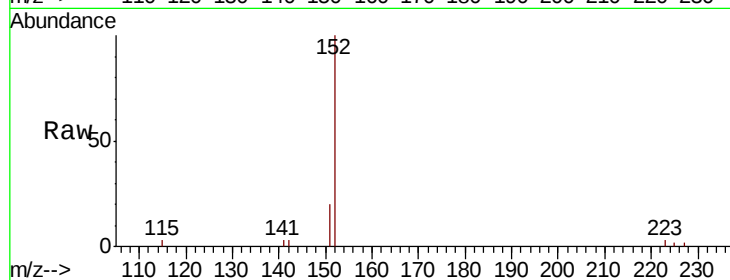
SSTDICCC0.4

Tot Ion:152 Resp: 4169

Ion Ratio Lower Upper

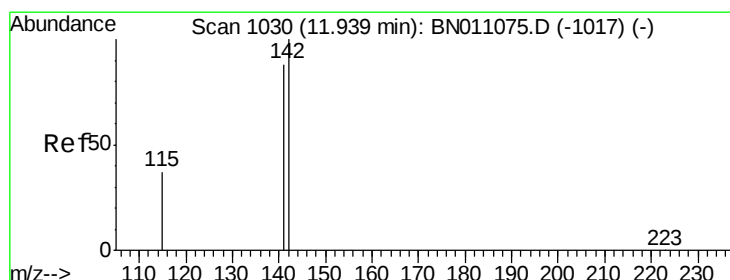
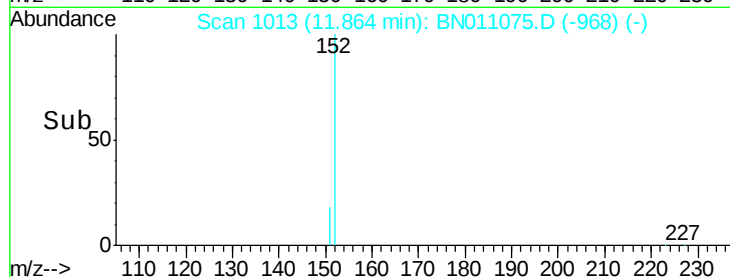
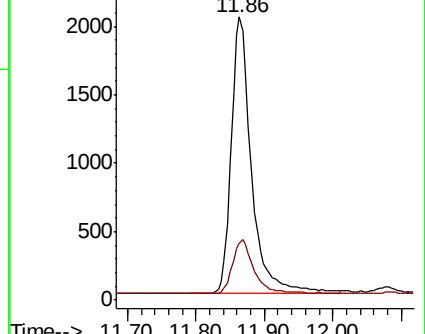
152 100

151 20.7 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: 0.396 ng

RT: 11.94 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BN011075.D

Acq: 30 Jun 2020 11:08

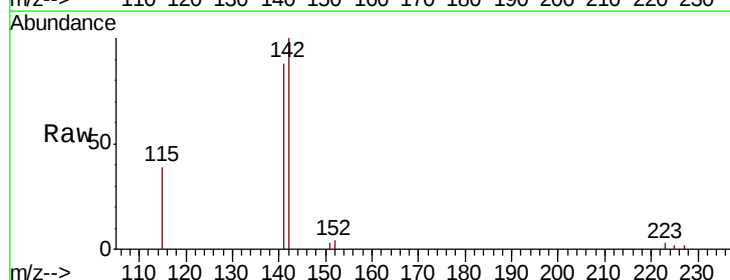
Tgt Ion:142 Resp: 4658

Ion Ratio Lower Upper

142 100

141 87.9 70.3 105.5

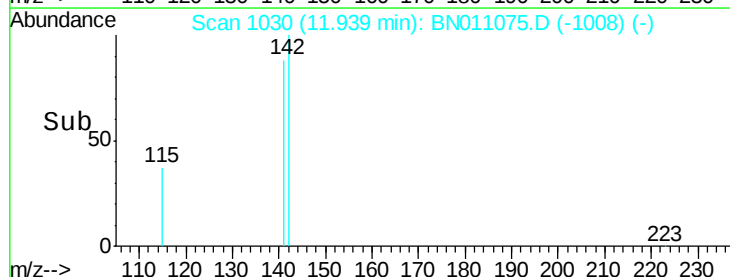
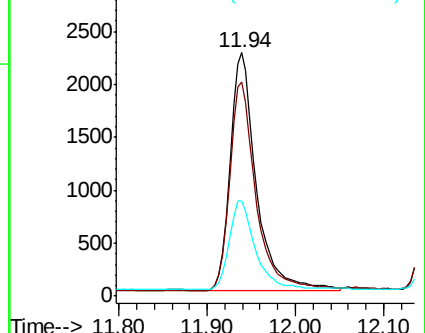
115 39.0 31.2 46.8

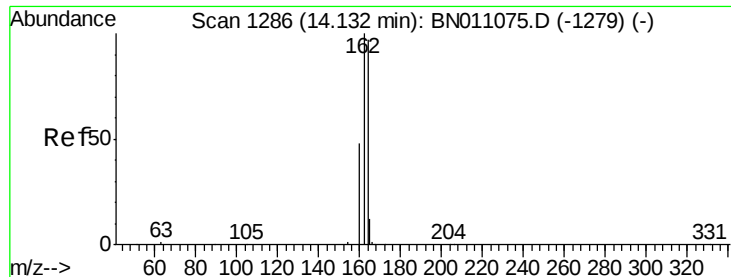


Abundance Ion 142.00 (141.70 to 142.70): E

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: BN011075.D

Acq: 30 Jun 2020 11:08

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

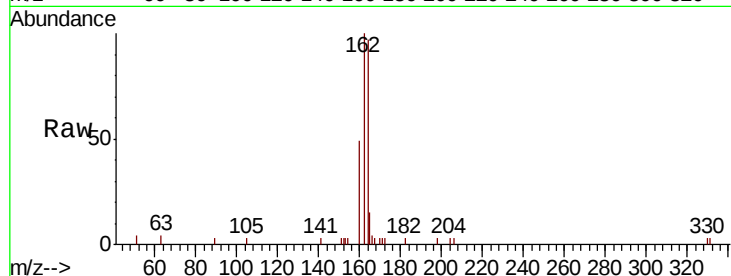
Tot Ion:164 Resp: 2989

Ion Ratio Lower Upper

164 100

162 102.9 82.3 123.5

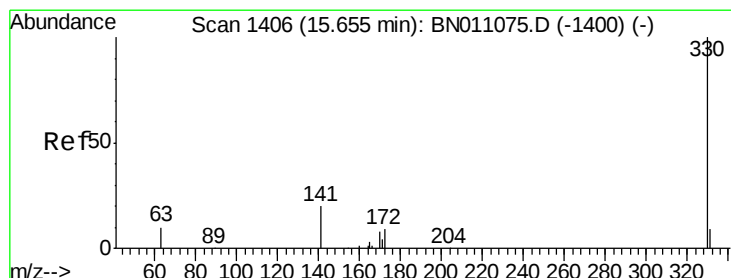
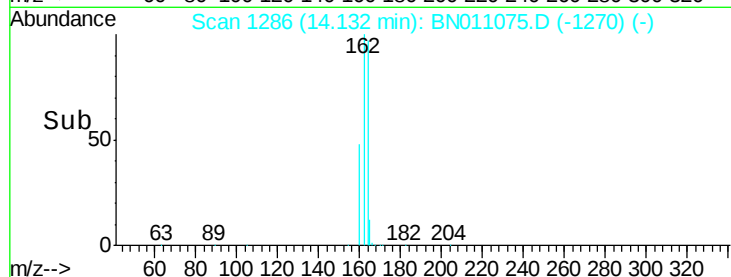
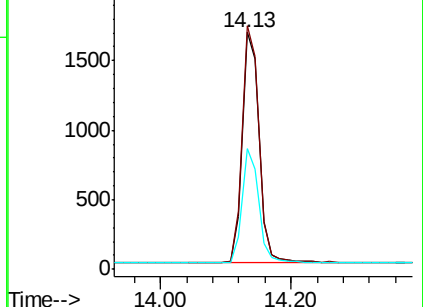
160 50.8 40.6 61.0



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: 0.387 ng

RT: 15.65 min Scan# 1406

Delta R.T. 0.00 min

Lab File: BN011075.D

Acq: 30 Jun 2020 11:08

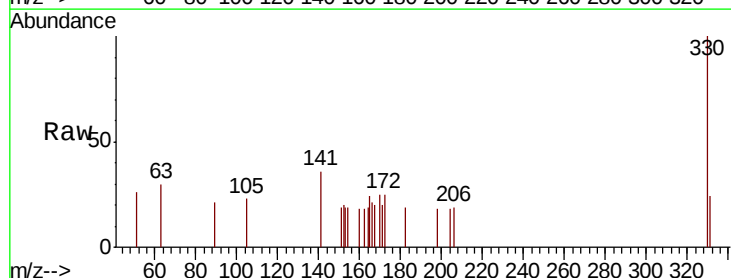
Tgt Ion:330 Resp: 508

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

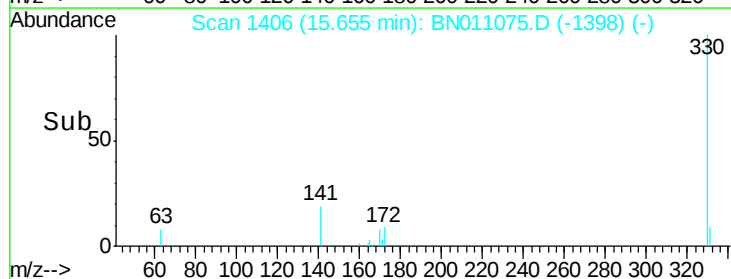
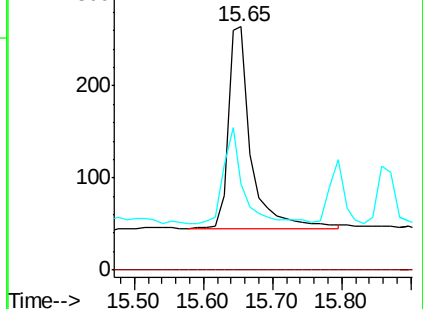
141 40.6 32.6 49.0

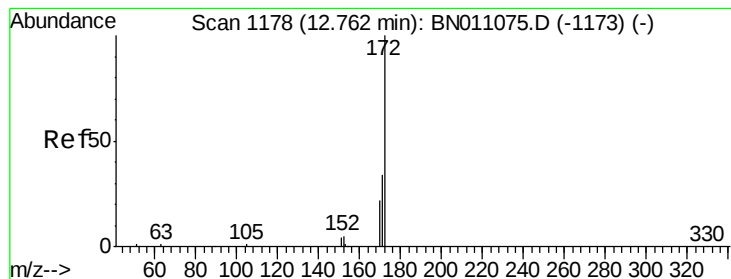


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.413 ng

RT: 12.76 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BN011075.D

Acq: 30 Jun 2020 11:08

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

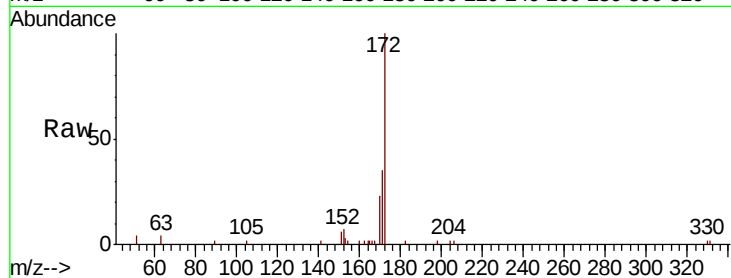
Tot Ion:172 Resp: 5758

Ion Ratio Lower Upper

172 100

171 34.9 27.9 41.9

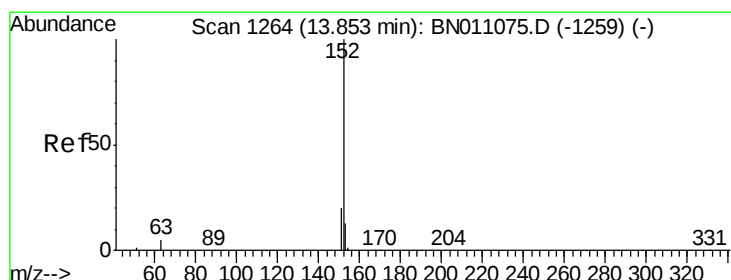
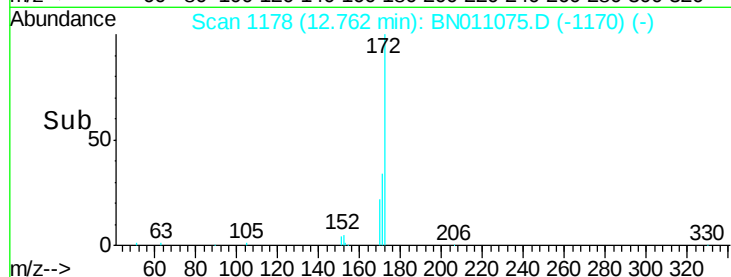
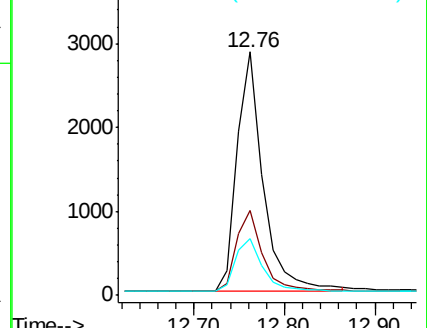
170 23.4 18.7 28.1



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: 0.398 ng

RT: 13.85 min Scan# 1264

Delta R.T. 0.00 min

Lab File: BN011075.D

Acq: 30 Jun 2020 11:08

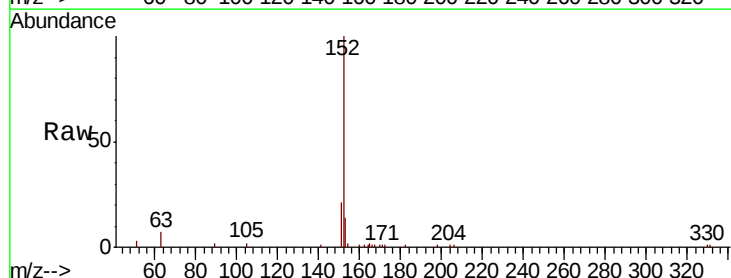
Tgt Ion:152 Resp: 5989

Ion Ratio Lower Upper

152 100

151 19.7 15.8 23.8

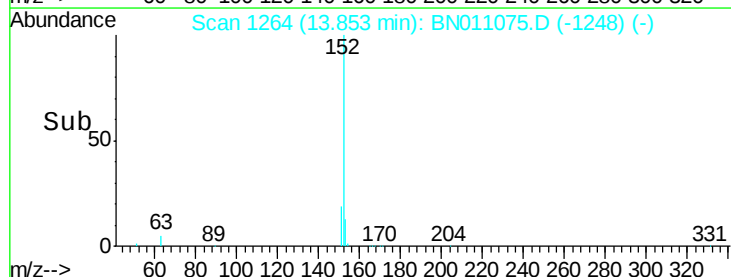
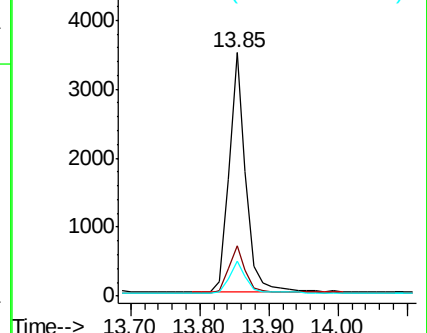
153 13.5 10.8 16.2

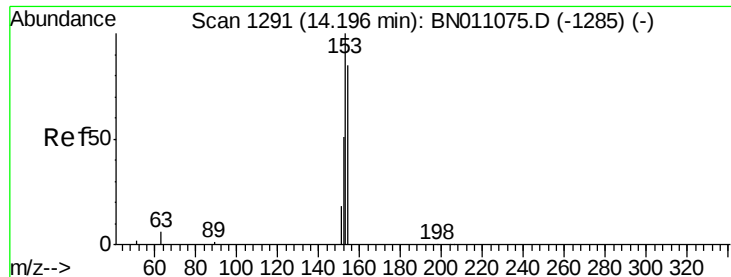


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.403 ng

RT: 14.20 min Scan# 1291

Delta R.T. 0.00 min

Lab File: BN011075.D

Acq: 30 Jun 2020 11:08

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

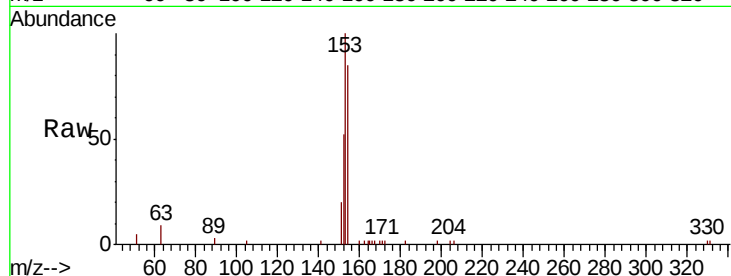
Tot Ion:154 Resp: 4082

Ion Ratio Lower Upper

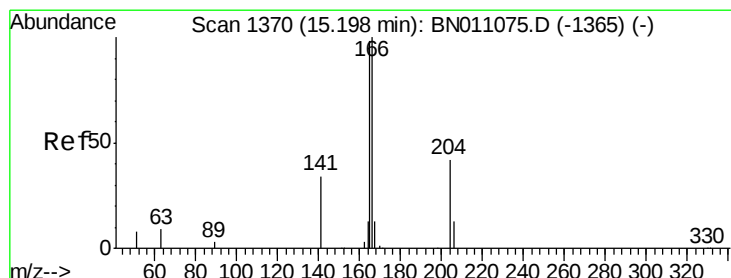
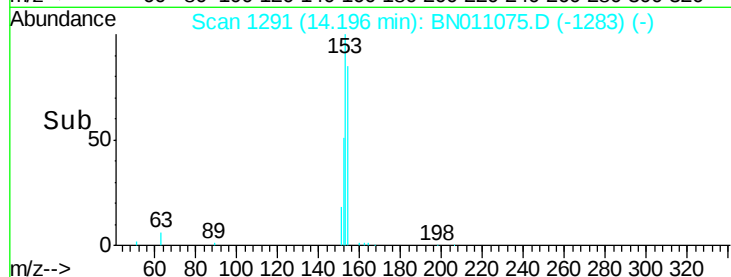
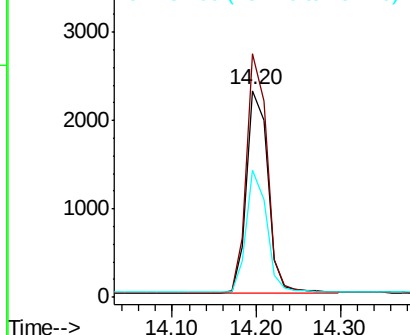
154 100

153 114.6 91.7 137.5

152 58.5 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: 0.400 ng

RT: 15.20 min Scan# 1370

Delta R.T. 0.00 min

Lab File: BN011075.D

Acq: 30 Jun 2020 11:08

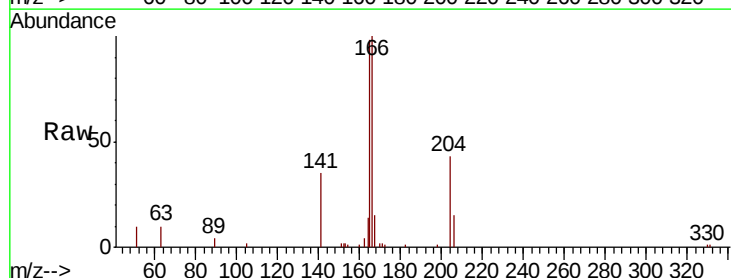
Tgt Ion:166 Resp: 5160

Ion Ratio Lower Upper

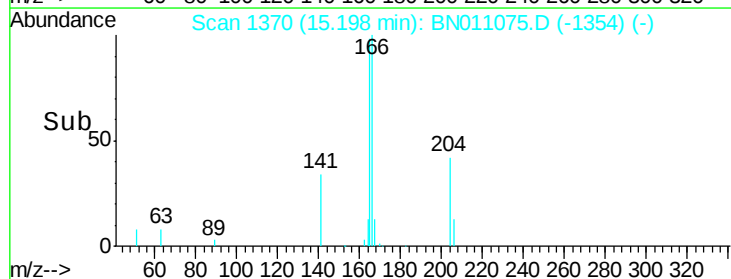
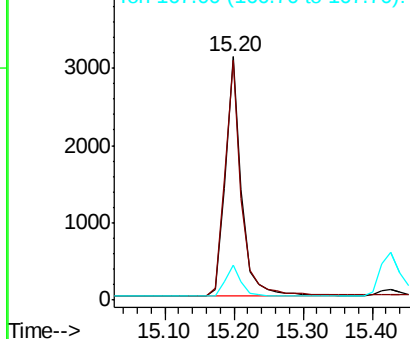
166 100

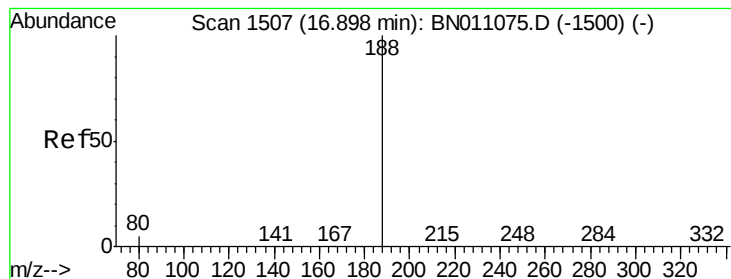
165 99.0 78.9 118.3

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: 16.90 min Scan# 1507

Delta R.T. 0.00 min

Lab File: BN011075.D

Acq: 30 Jun 2020 11:08

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

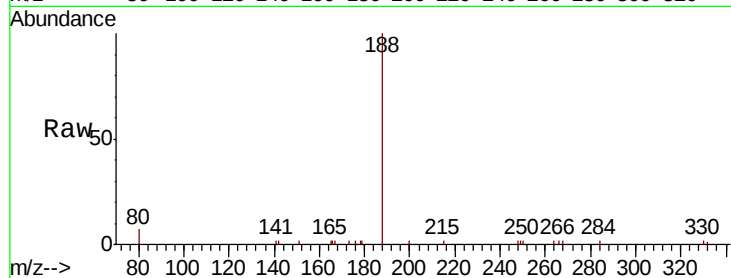
Tot Ion:188 Resp: 6006

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

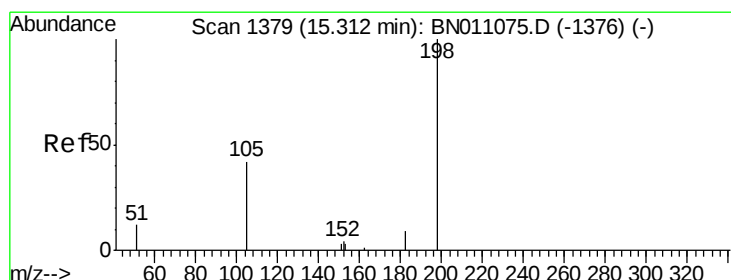
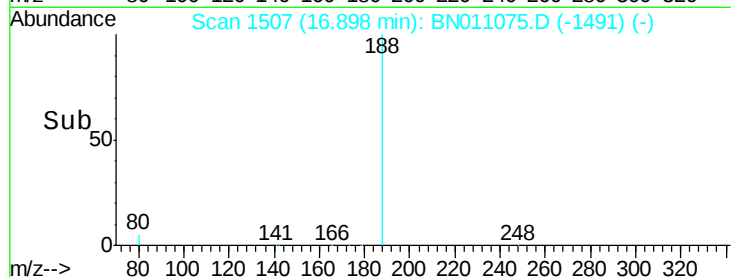
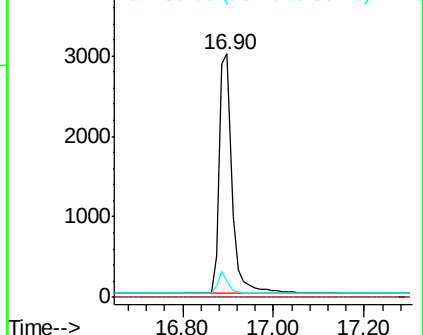
80 6.6 5.3 7.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BN0

Ion 80.00 (79.70 to 80.70): BN0



#20

4,6-Dinitro-2-methylphenol

Concen: 0.234 ng

RT: 15.31 min Scan# 1379

Delta R.T. 0.00 min

Lab File: BN011075.D

Acq: 30 Jun 2020 11:08

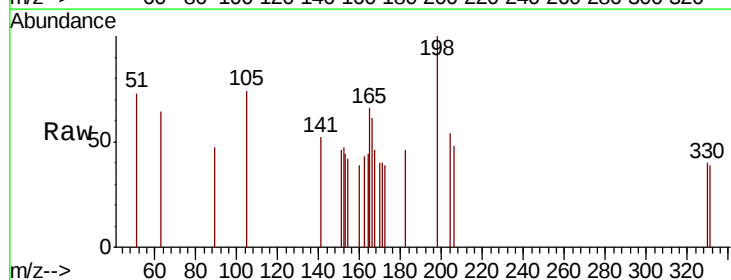
Tgt Ion:198 Resp: 235

Ion Ratio Lower Upper

198 100

51 72.8 58.2 87.4

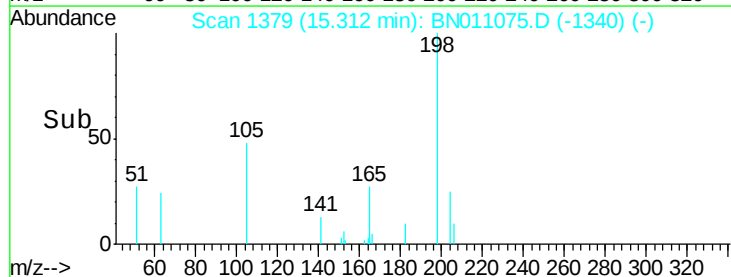
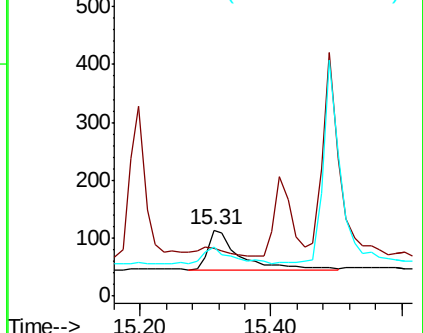
105 73.7 59.0 88.4

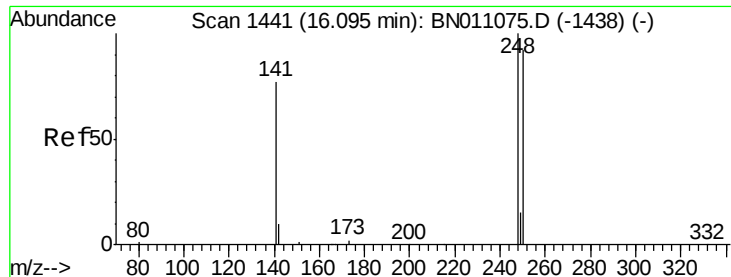


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BN0

Ion 105.00 (104.70 to 105.70): E

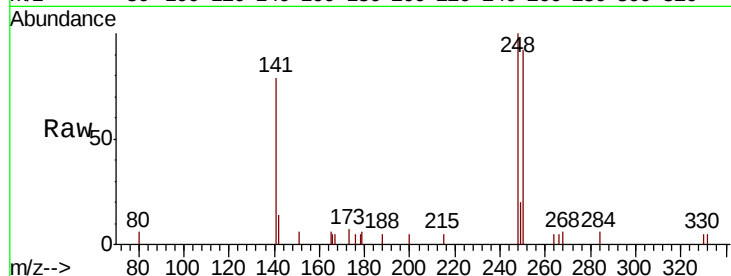




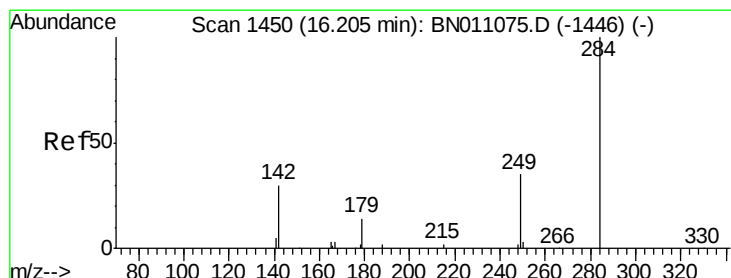
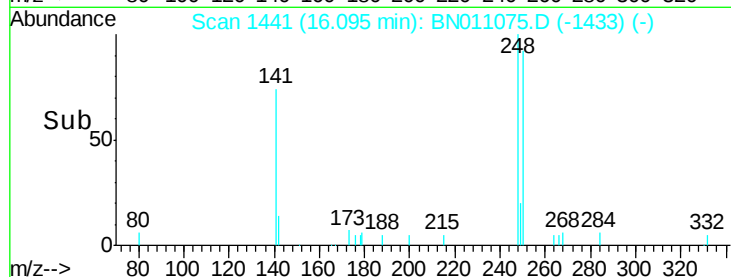
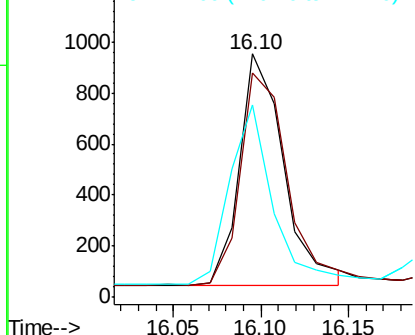
#21
4-Bromophenyl-phenylether
Concen: 0.391 ng
RT: 16.10 min Scan# 1441
Delta R.T. 0.00 min
Lab File: BN011075.D
Acq: 30 Jun 2020 11:08

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tot Ion:248 Resp: 1622
Ion Ratio Lower Upper
248 100
250 92.3 73.8 110.8
141 78.9 63.1 94.7

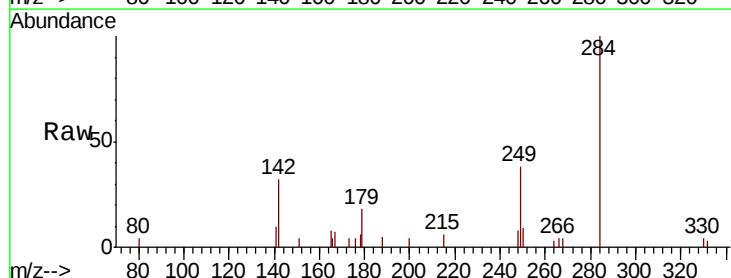


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

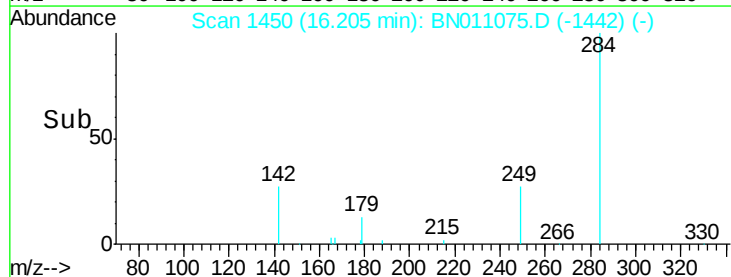
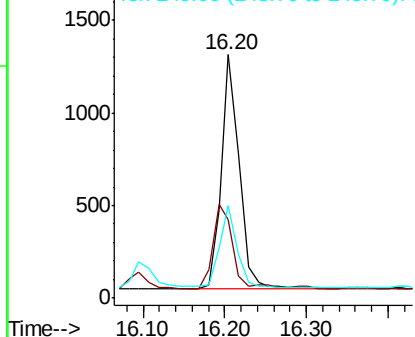


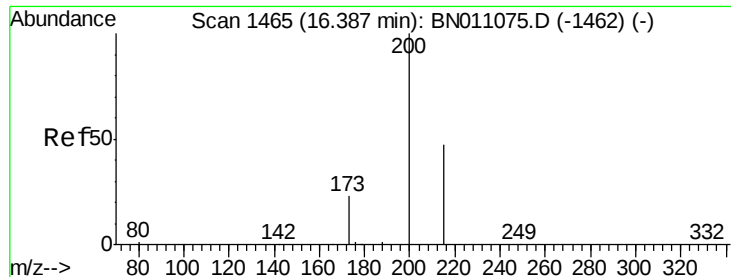
#22
Hexachlorobenzene
Concen: 0.417 ng
RT: 16.20 min Scan# 1450
Delta R.T. 0.00 min
Lab File: BN011075.D
Acq: 30 Jun 2020 11:08

Tgt Ion:284 Resp: 1917
Ion Ratio Lower Upper
284 100
142 41.6 33.3 49.9
249 34.3 27.4 41.2



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





#23

Atrazine

Concen: 0.379 ng

RT: 16.39 min Scan# 1465

Delta R.T. 0.00 min

Lab File: BN011075.D

Acq: 30 Jun 2020 11:08

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

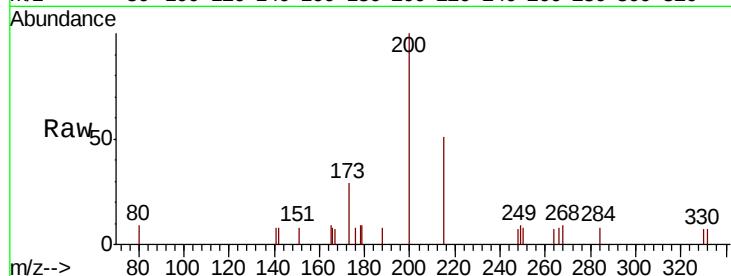
Tot Ion:200 Resp: 1162

Ion Ratio Lower Upper

200 100

173 28.5 22.8 34.2

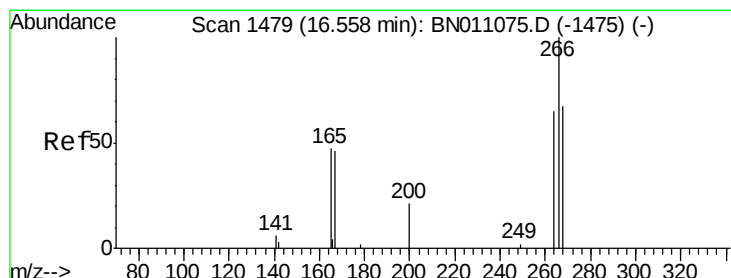
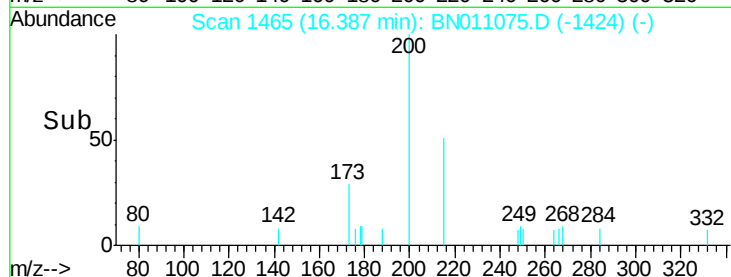
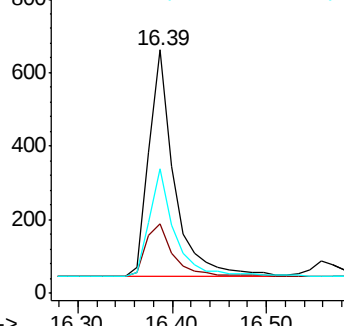
215 50.9 40.7 61.1



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: 0.344 ng

RT: 16.56 min Scan# 1479

Delta R.T. 0.00 min

Lab File: BN011075.D

Acq: 30 Jun 2020 11:08

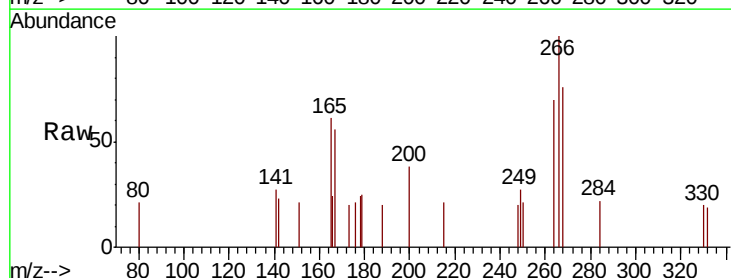
Tgt Ion:266 Resp: 500

Ion Ratio Lower Upper

266 100

264 57.2 47.4 71.0

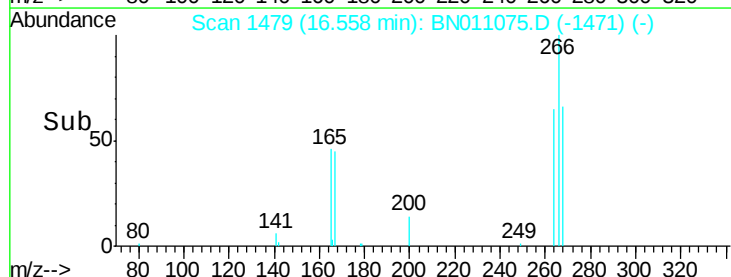
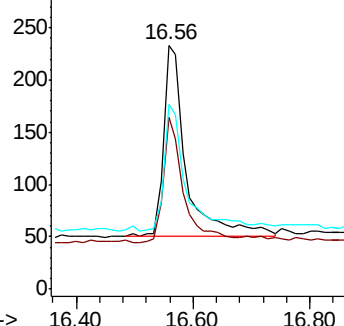
268 66.4 55.0 82.4

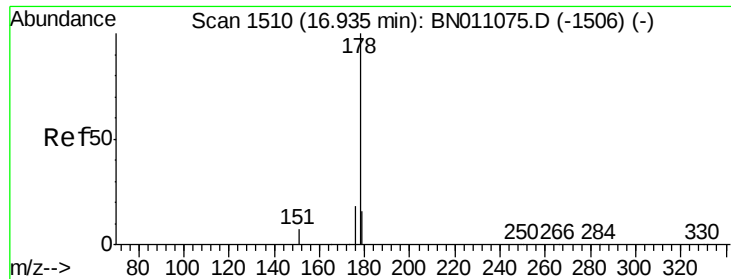


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Phenanthrene

Concen: 0.393 ng

RT: 16.93 min Scan# 1510

Delta R.T. 0.00 min

Lab File: BN011075.D

Acq: 30 Jun 2020 11:08

Instrument :

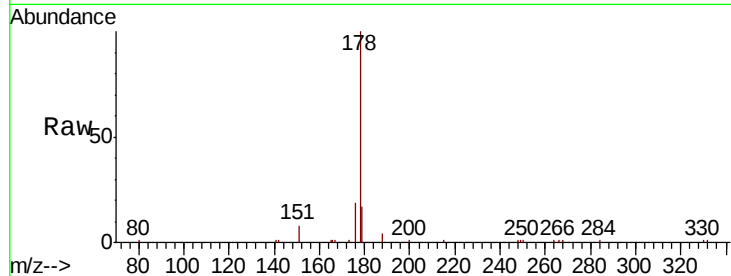
BNA_N

ClientSampleId :

SSTDICCC0.4

Tot Ion:178 Resp: 7950

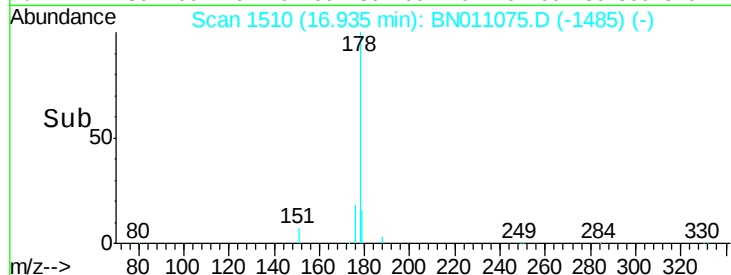
Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	15.6	12.5	18.7



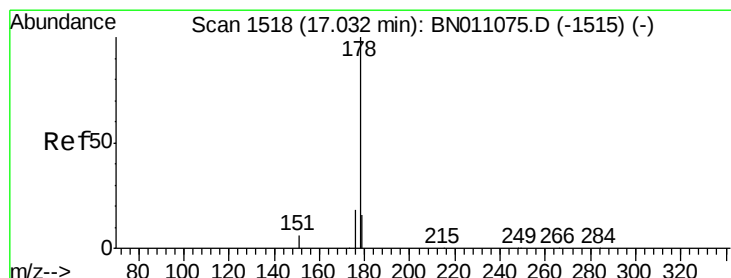
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#26

Anthracene

Concen: 0.392 ng

RT: 17.03 min Scan# 1518

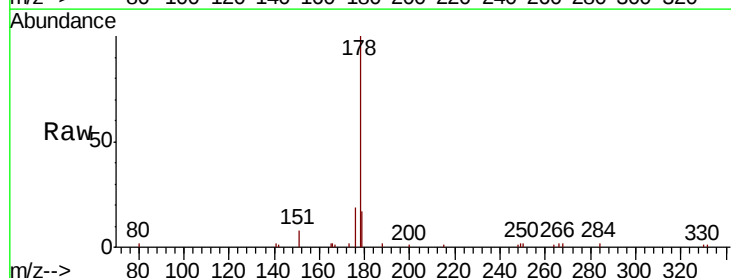
Delta R.T. 0.00 min

Lab File: BN011075.D

Acq: 30 Jun 2020 11:08

Tgt Ion:178 Resp: 6585

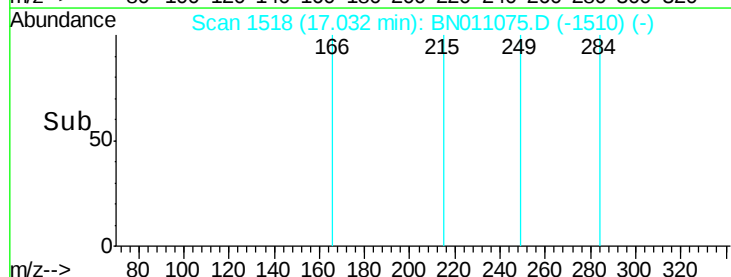
Ion	Ratio	Lower	Upper
178	100		
176	17.8	14.2	21.4
179	15.2	12.2	18.2



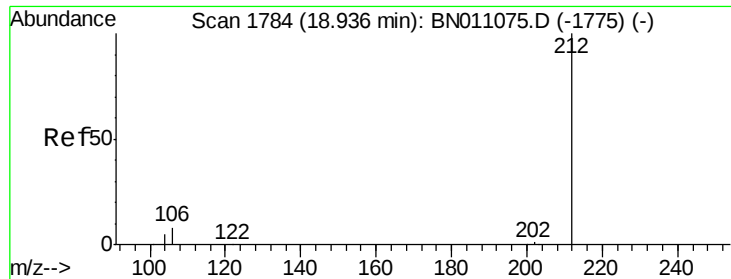
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#27

Fluoranthene-d10

Concen: 0.387 ng

RT: 18.94 min Scan# 1784

Delta R.T. 0.00 min

Lab File: BN011075.D

Acq: 30 Jun 2020 11:08

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

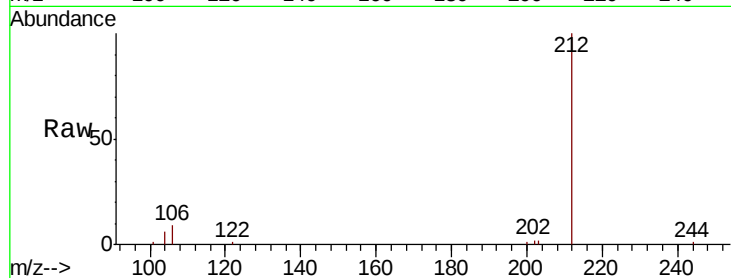
Tot Ion:212 Resp: 7348

Ion Ratio Lower Upper

212 100

106 8.9 7.1 10.7

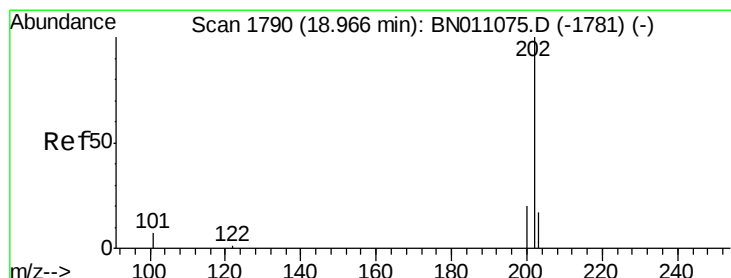
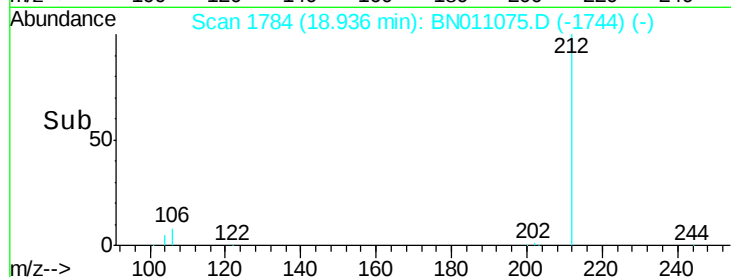
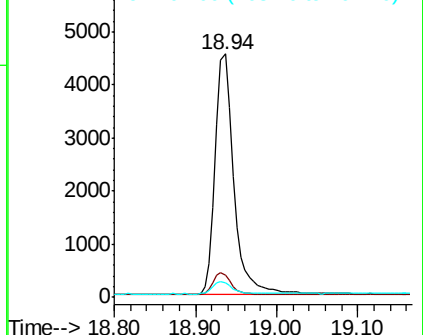
104 5.3 4.2 6.4



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: 0.381 ng

RT: 18.97 min Scan# 1790

Delta R.T. 0.00 min

Lab File: BN011075.D

Acq: 30 Jun 2020 11:08

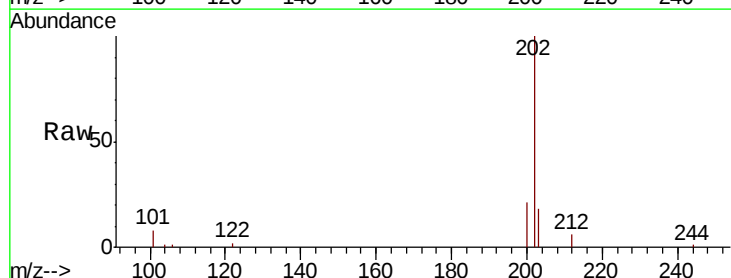
Tgt Ion:202 Resp: 8822

Ion Ratio Lower Upper

202 100

101 7.9 6.3 9.5

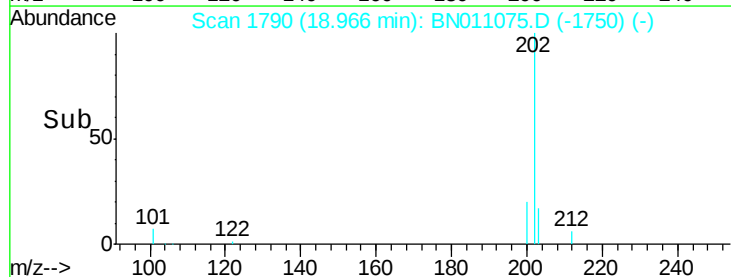
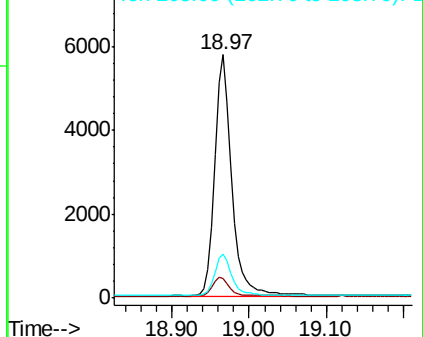
203 16.9 13.5 20.3

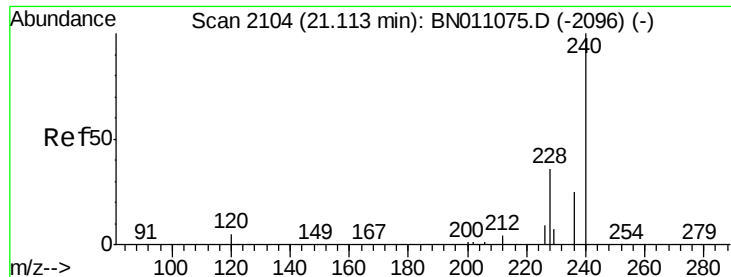


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

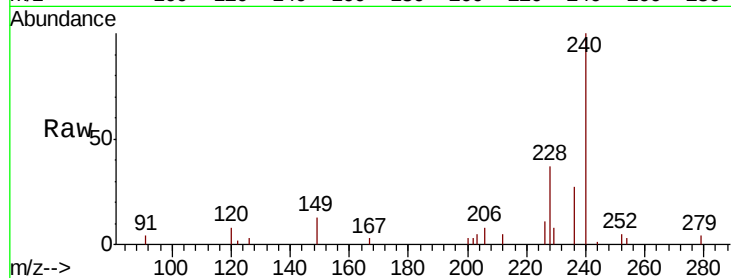




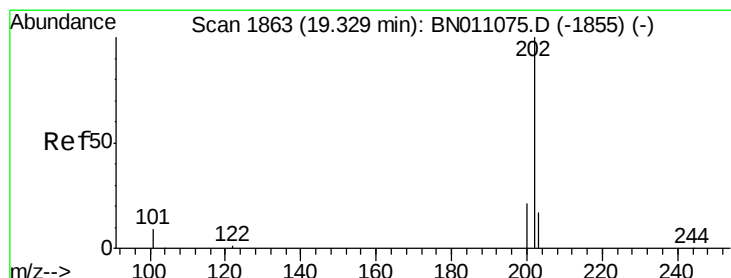
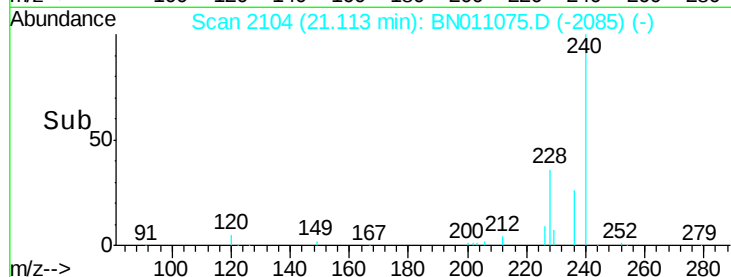
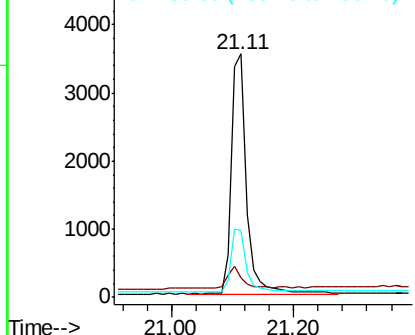
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.11 min Scan# 2104
Delta R.T. 0.00 min
Lab File: BN011075.D
Acq: 30 Jun 2020 11:08

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tot Ion:240 Resp: 6168
Ion Ratio Lower Upper
240 100
120 8.1 6.5 9.7
236 27.4 21.9 32.9

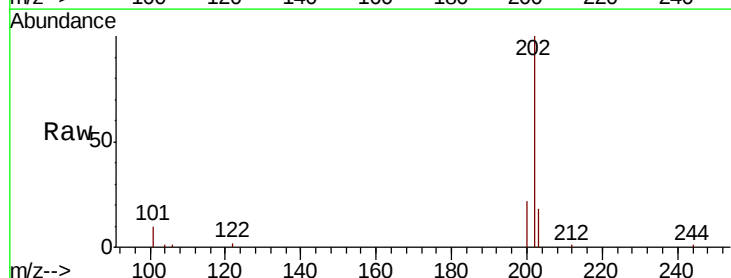


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

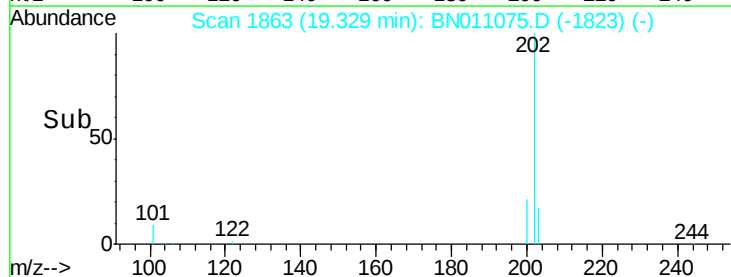
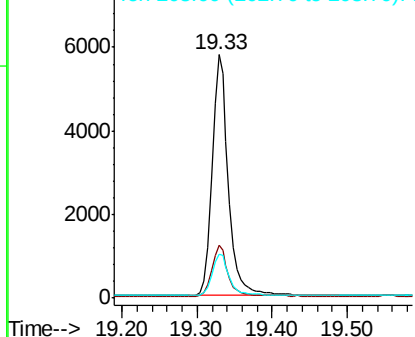


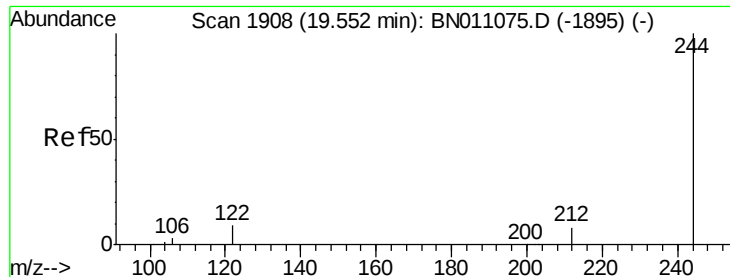
#30
Pyrene
Concen: 0.371 ng
RT: 19.33 min Scan# 1863
Delta R.T. 0.00 min
Lab File: BN011075.D
Acq: 30 Jun 2020 11:08

Tgt Ion:202 Resp: 8814
Ion Ratio Lower Upper
202 100
200 20.8 16.6 25.0
203 17.8 14.2 21.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#31

Terphenyl-d14

Concen: 0.376 ng

RT: 19.55 min Scan# 1908

Delta R.T. 0.00 min

Lab File: BN011075.D

Acq: 30 Jun 2020 11:08

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

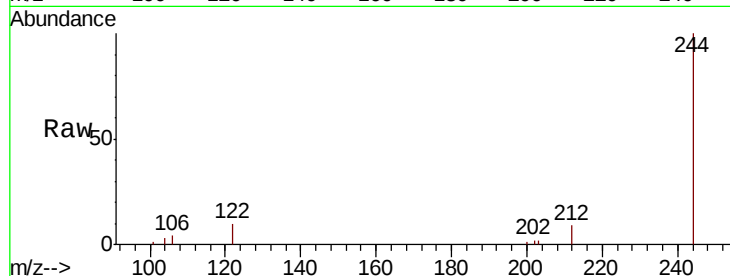
Tot Ion:244 Resp: 6222

Ion Ratio Lower Upper

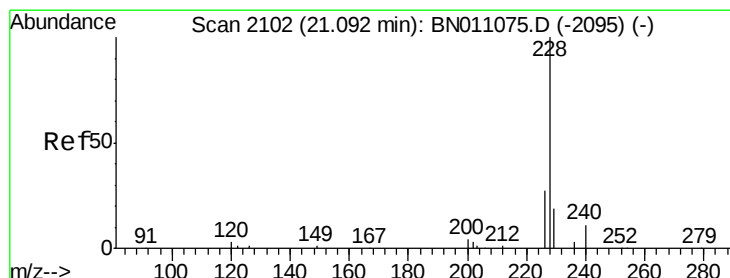
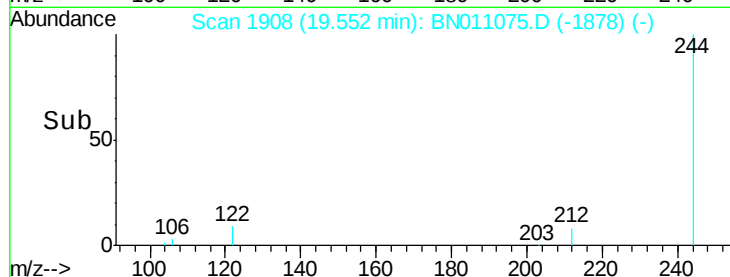
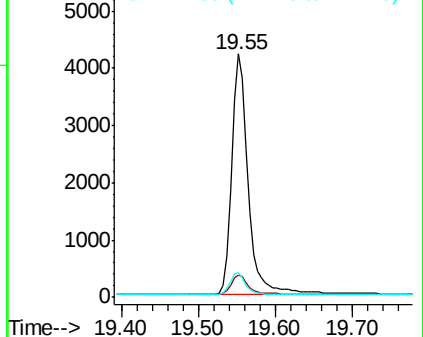
244 100

212 9.4 7.5 11.3

122 10.3 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: 0.394 ng

RT: 21.09 min Scan# 2102

Delta R.T. 0.00 min

Lab File: BN011075.D

Acq: 30 Jun 2020 11:08

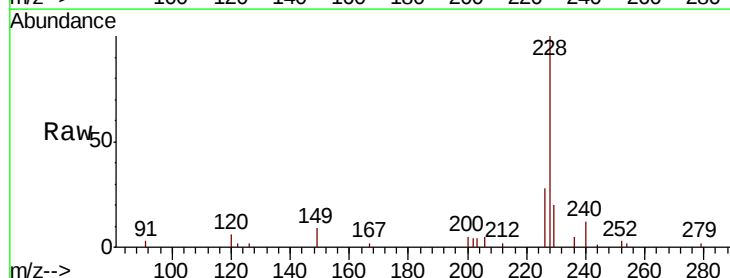
Tgt Ion:228 Resp: 8409

Ion Ratio Lower Upper

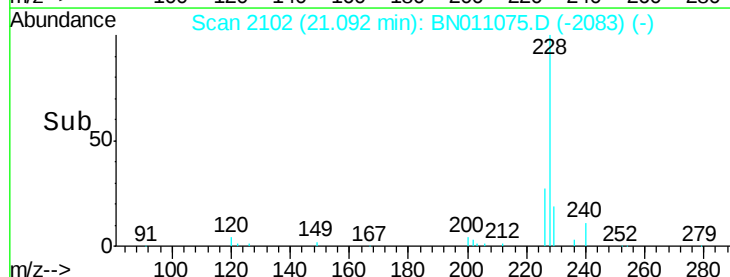
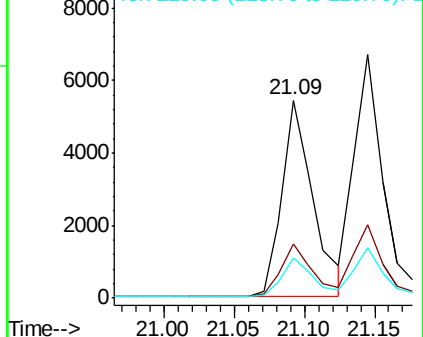
228 100

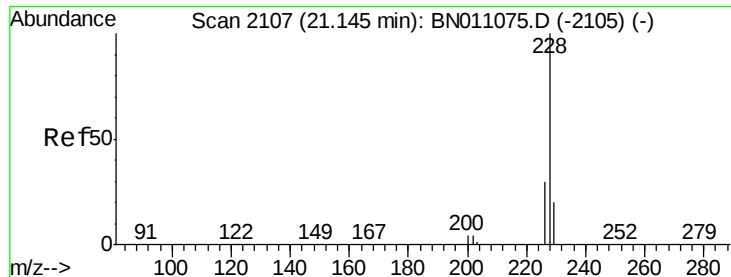
226 27.5 22.0 33.0

229 20.1 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: 0.406 ng

RT: 21.15 min Scan# 2107

Delta R.T. 0.00 min

Lab File: BN011075.D

Acq: 30 Jun 2020 11:08

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

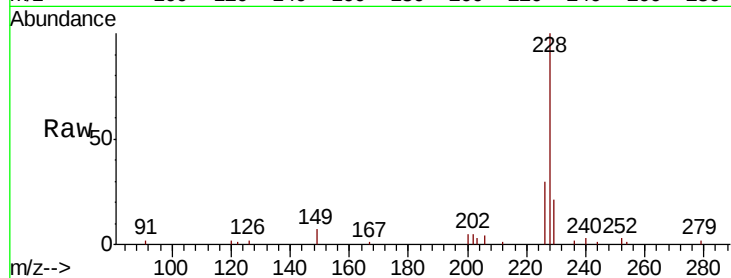
Tot Ion:228 Resp: 9454

Ion Ratio Lower Upper

228 100

226 30.0 24.0 36.0

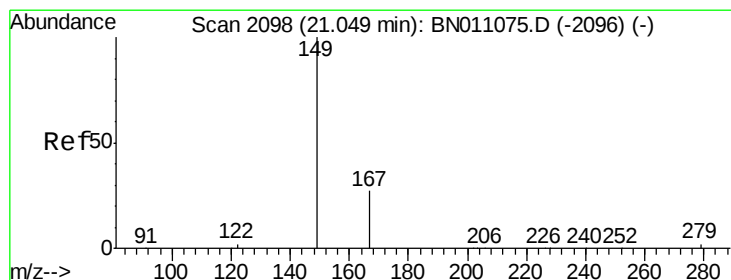
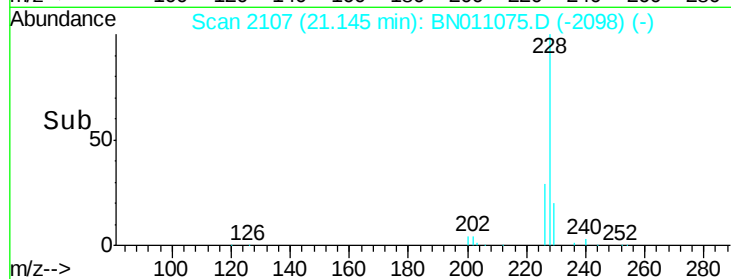
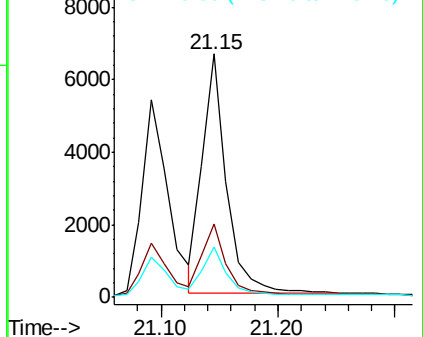
229 20.5 16.4 24.6



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: 0.387 ng

RT: 21.05 min Scan# 2098

Delta R.T. 0.00 min

Lab File: BN011075.D

Acq: 30 Jun 2020 11:08

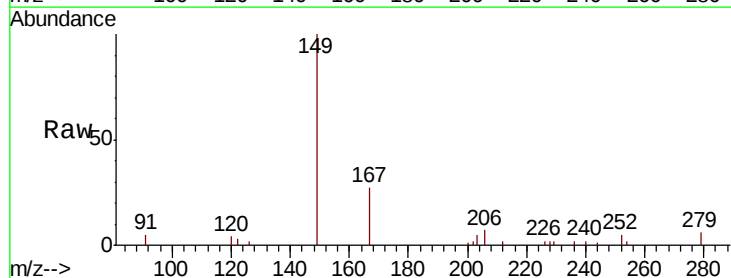
Tgt Ion:149 Resp: 3328

Ion Ratio Lower Upper

149 100

167 27.9 22.2 33.4

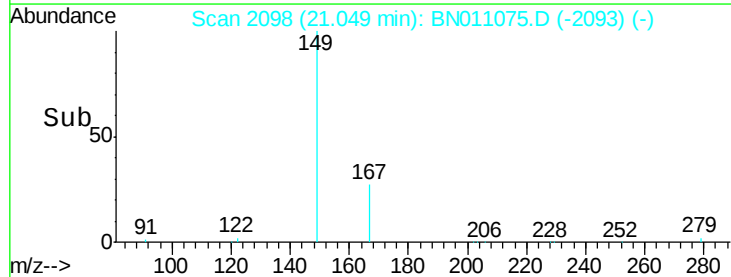
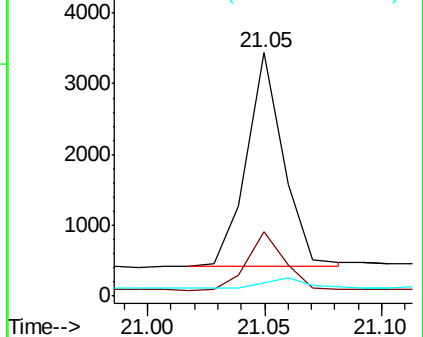
279 5.9 4.5 6.7

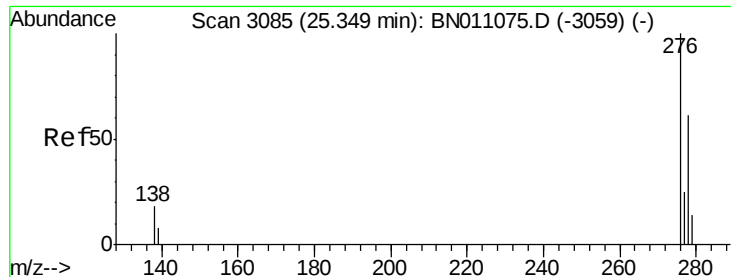


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

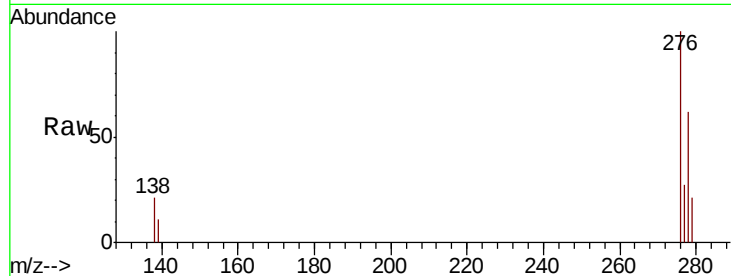




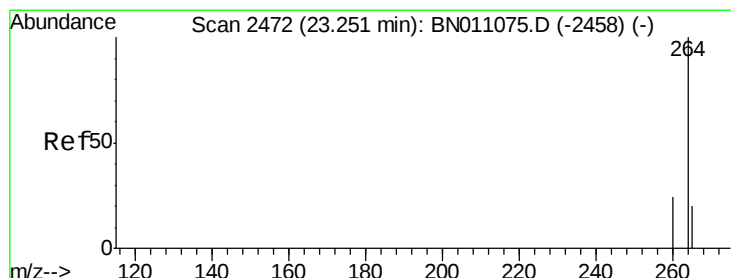
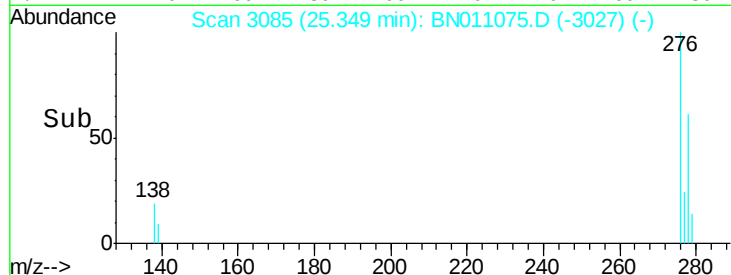
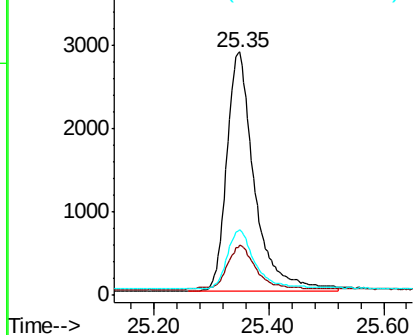
#35
 Indeno(1,2,3-cd)pyrene
 Concen: 0.373 ng
 RT: 25.35 min Scan# 3085
 Delta R.T. 0.00 min
 Lab File: BN011075.D
 Acq: 30 Jun 2020 11:08

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.4

Tot Ion:276 Resp: 9672
 Ion Ratio Lower Upper
 276 100
 138 19.2 15.4 23.0
 277 24.2 19.4 29.0

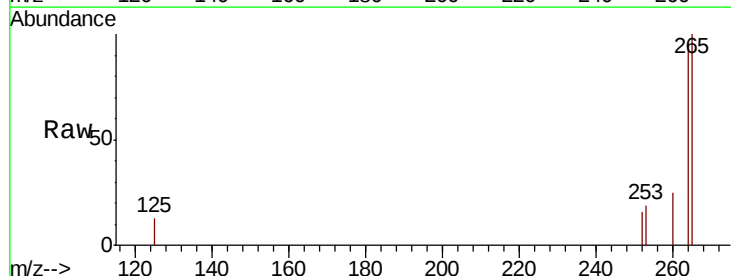


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

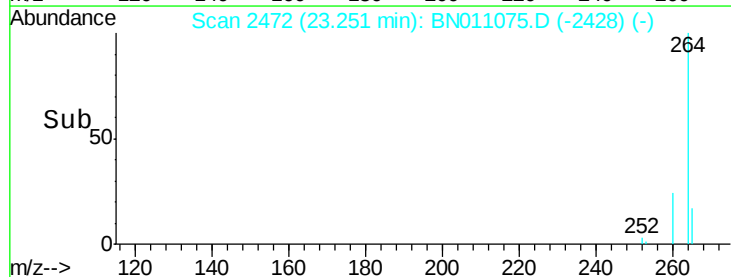
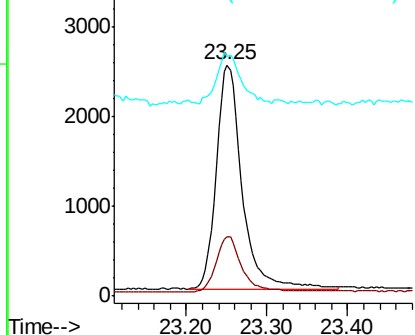


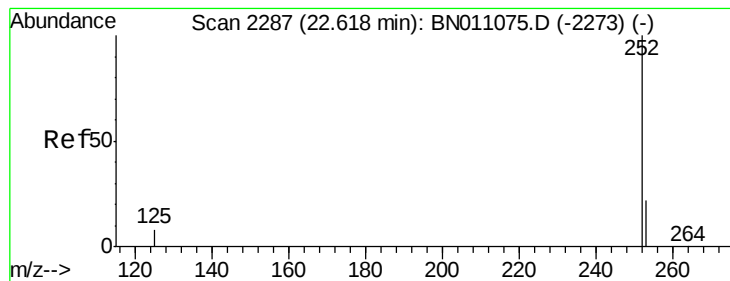
#36
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.25 min Scan# 2472
 Delta R.T. 0.00 min
 Lab File: BN011075.D
 Acq: 30 Jun 2020 11:08

Tgt Ion:264 Resp: 5555
 Ion Ratio Lower Upper
 264 100
 260 25.5 20.4 30.6
 265 103.8 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: 0.419 ng

RT: 22.62 min Scan# 2287

Delta R.T. 0.00 min

Lab File: BN011075.D

Acq: 30 Jun 2020 11:08

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

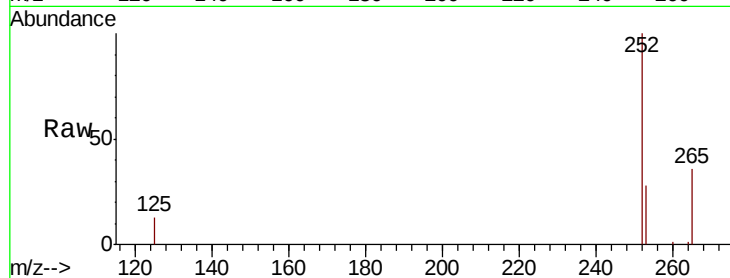
Tot Ion:252 Resp: 9199

Ion Ratio Lower Upper

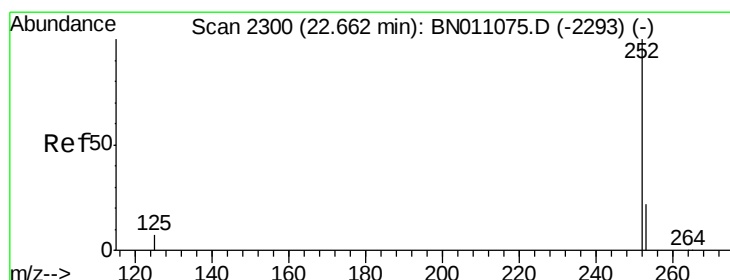
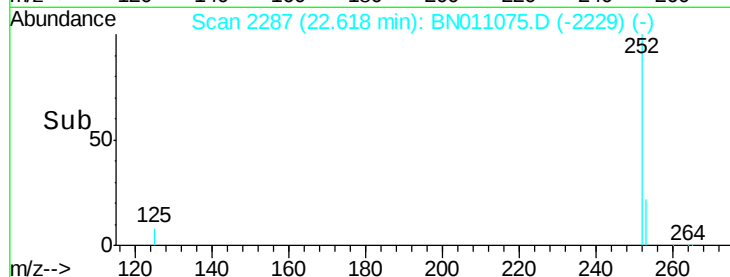
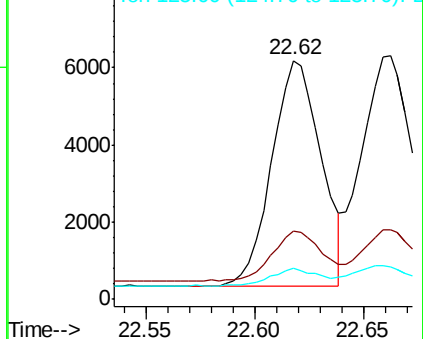
252 100

253 28.4 22.7 34.1

125 13.0 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: 0.453 ng

RT: 22.66 min Scan# 2300

Delta R.T. 0.00 min

Lab File: BN011075.D

Acq: 30 Jun 2020 11:08

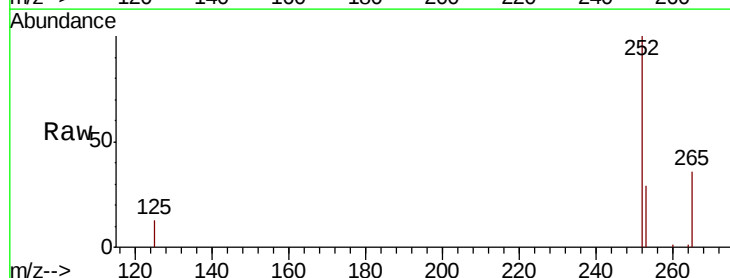
Tgt Ion:252 Resp: 10353

Ion Ratio Lower Upper

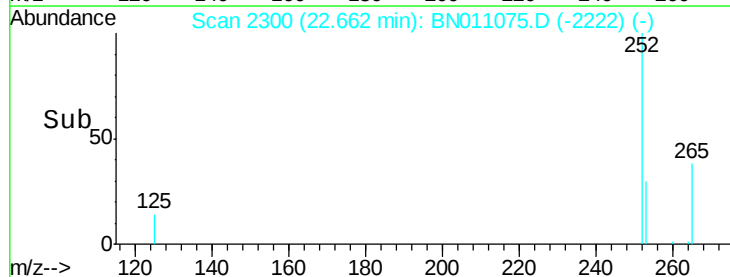
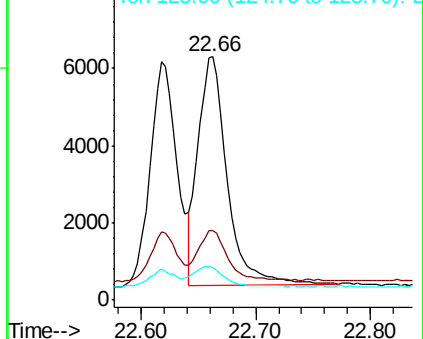
252 100

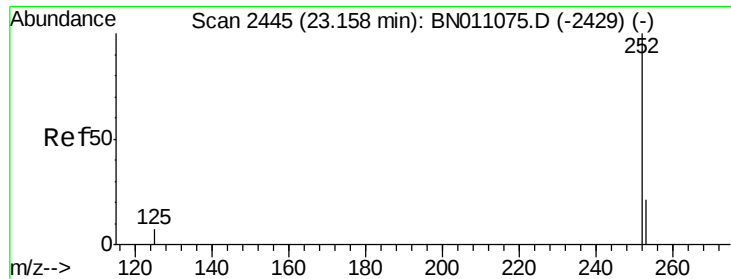
253 28.6 22.9 34.3

125 13.2 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: 0.397 ng

RT: 23.16 min Scan# 2445

Delta R.T. 0.00 min

Lab File: BN011075.D

Acq: 30 Jun 2020 11:08

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

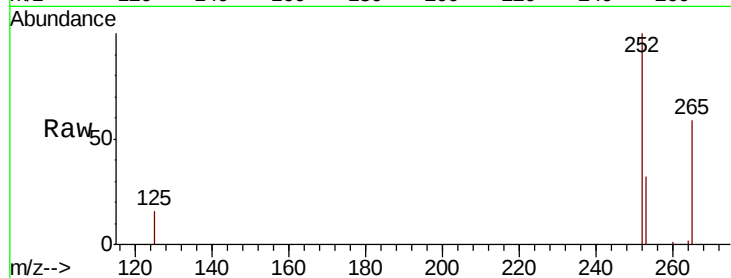
Tot Ion:252 Resp: 7751

Ion Ratio Lower Upper

252 100

253 32.4 25.9 38.9

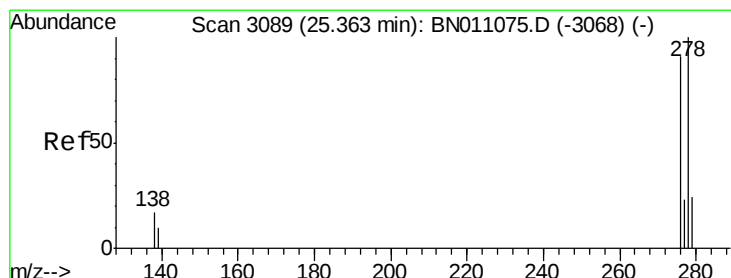
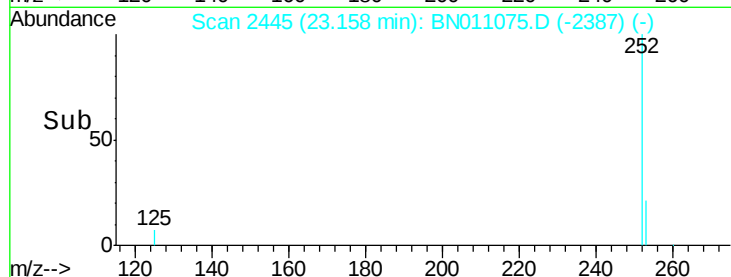
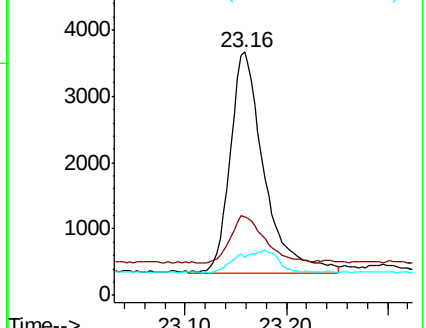
125 15.6 12.5 18.7



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: 0.357 ng

RT: 25.36 min Scan# 3089

Delta R.T. 0.00 min

Lab File: BN011075.D

Acq: 30 Jun 2020 11:08

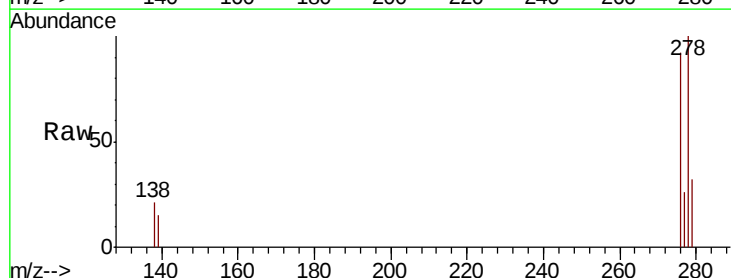
Tgt Ion:278 Resp: 7514

Ion Ratio Lower Upper

278 100

139 14.9 11.9 17.9

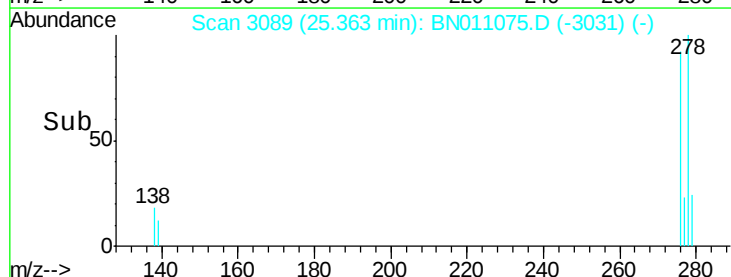
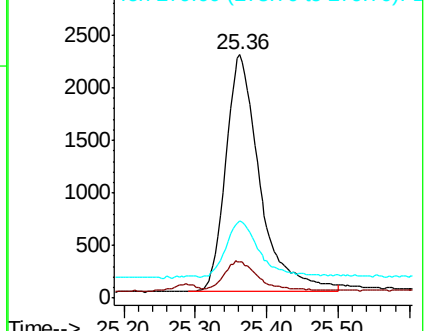
279 31.9 25.5 38.3

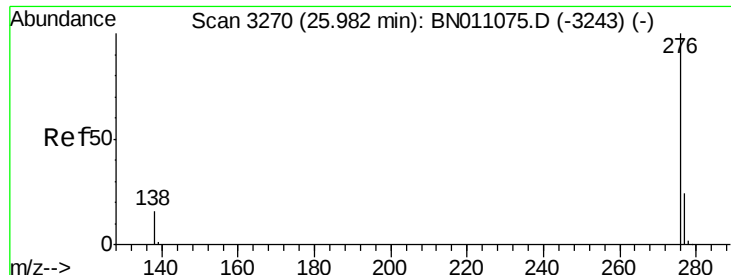


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.385 ng

RT: 25.98 min Scan# 3270

Delta R.T. 0.00 min

Lab File: BN011075.D

Acq: 30 Jun 2020 11:08

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

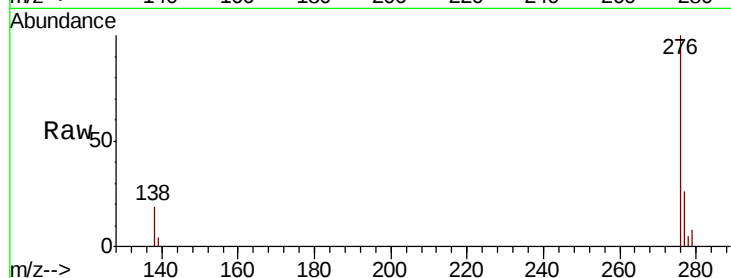
Tot Ion: 276 Resp: 8399

Ion Ratio Lower Upper

276 100

277 26.4 21.1 31.7

138 18.8 15.0 22.6



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

