

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082420\
 Data File : BN011606.D
 Acq On : 24 Aug 2020 20:35
 Operator : CG/JU
 Sample : SSTDICC5.0
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC5.0

Quant Time: Aug 25 03:18:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 18:42:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	2682	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	10012	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	6587	0.40	ng	0.00
19) Phenanthrene-d10	17.14	188	14637	0.40	ng	0.00
29) Chrysene-d12	21.33	240	15584	0.40	ng	0.00
36) Perylene-d12	23.59	264	15219	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	33518	5.86	ng	0.00
5) Phenol-d6	6.92	99	47779	8.26	ng	0.00
8) Nitrobenzene-d5	8.89	82	39889	6.06	ng	-0.01
11) 2-Methylnaphthalene-d10	12.14	152	84063	4.70	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	16194	4.94	ng	0.00
15) 2-Fluorobiphenyl	13.02	172	111895	4.13	ng	0.00
27) Fluoranthene-d10	19.17	212	208010	4.22	ng	0.00
31) Terphenyl-d14	19.78	244	171032	4.21	ng	0.00

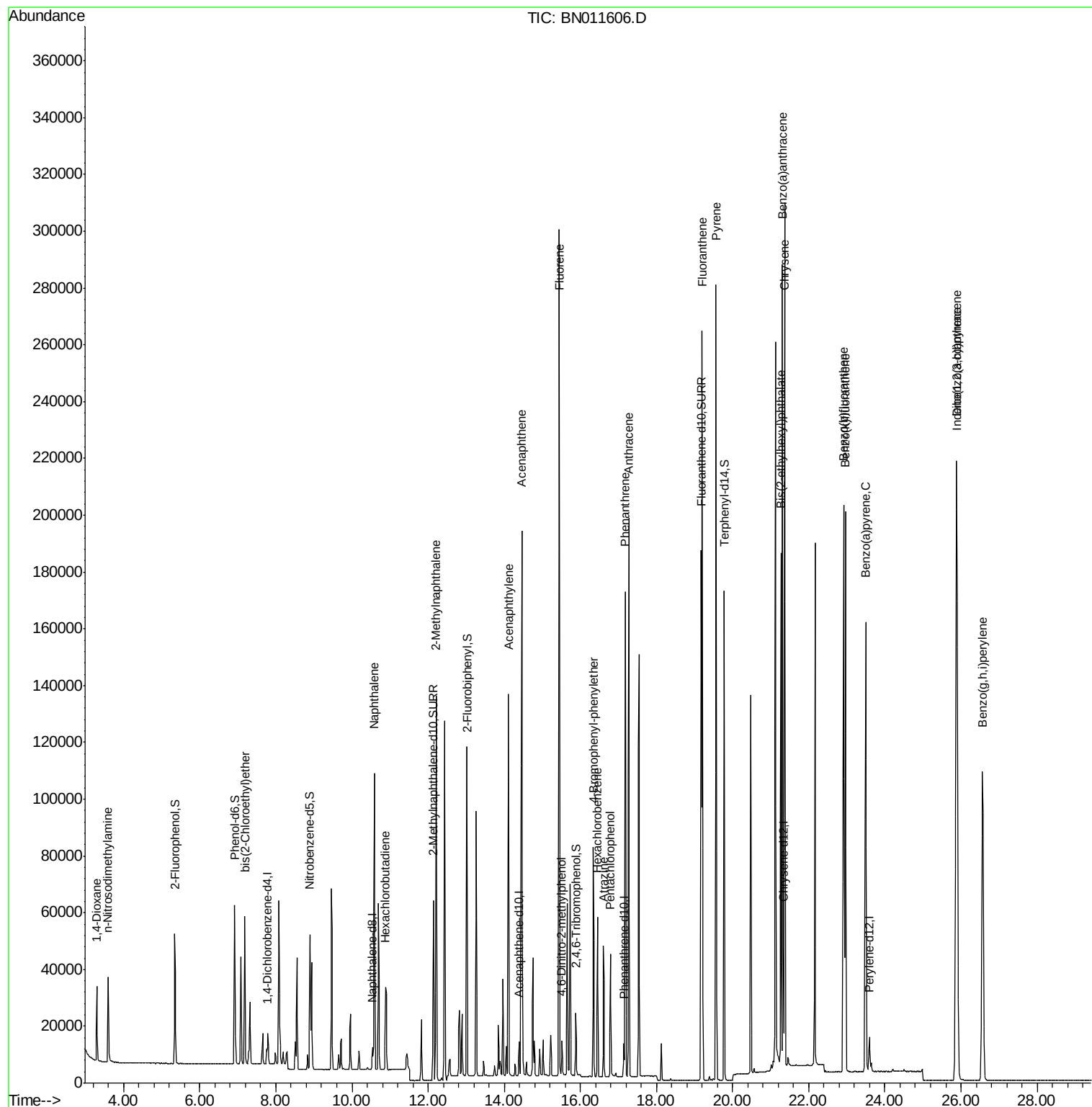
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.30	88	16517	4.507	ng	# 1
3) n-Nitrosodimethylamine	3.59	42	18393	12.170	ng	# 93
6) bis(2-Chloroethyl)ether	7.18	93	34691	6.137	ng	97
9) Naphthalene	10.59	128	126772	4.370	ng	# 92
10) Hexachlorobutadiene	10.88	225	26447	3.258	ng	# 99
12) 2-Methylnaphthalene	12.21	142	92243	4.620	ng	97
16) Acenaphthylene	14.12	152	152843	4.562	ng	99
17) Acenaphthene	14.46	154	98147	4.464	ng	100
18) Fluorene	15.45	166	123618	4.251	ng	99
20) 4,6-Dinitro-2-methylphenol	15.51	198	8948	5.060	ng	# 24
21) 4-Bromophenyl-phenylether	16.34	248	37320	11.671	ng	89
22) Hexachlorobenzene	16.44	284	43704	3.872	ng	99
23) Atrazine	16.60	200	37824	4.967	ng	94
24) Pentachlorophenol	16.79	266	20487	5.825	ng	96
25) Phenanthrene	17.17	178	198728	4.313	ng	99
26) Anthracene	17.27	178	194617	5.064	ng	99
28) Fluoranthene	19.20	202	232456	3.922	ng	100
30) Pyrene	19.56	202	238280	3.844	ng	100
32) Benzo(a)anthracene	21.31	228	240285	4.694	ng	99
33) Chrysene	21.36	228	230277	3.954	ng	99
34) Bis(2-ethylhexyl)phthalate	21.27	149	144495	5.677	ng	94
35) Indeno(1,2,3-cd)pyrene	25.87	276	280217	5.299	ng	# 100
37) Benzo(b)fluoranthene	22.91	252	243188	4.322	ng	# 90
38) Benzo(k)fluoranthene	22.96	252	238079	3.551	ng	# 86
39) Benzo(a)pyrene	23.49	252	225320	4.328	ng	# 90
40) Dibenzo(a,h)anthracene	25.89	278	230839	5.303	ng	# 90
41) Benzo(g,h,i)perylene	26.57	276	225991	4.352	ng	# 93

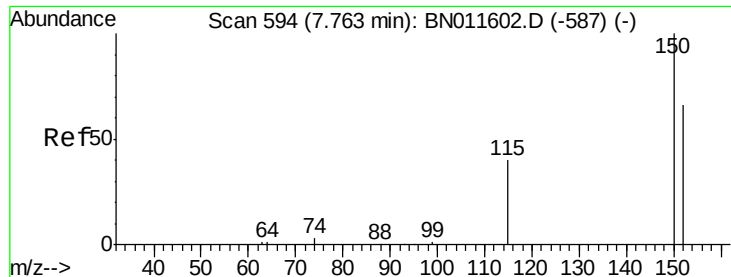
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082420\
Data File : BN011606.D
Acq On : 24 Aug 2020 20:35
Operator : CG/JU
Sample : SSTDIC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDIC5.0

Quant Time: Aug 25 03:18:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 24 18:42:22 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.76 min Scan# 594

Delta R.T. -0.00 min

Lab File: BN011606.D

Acq: 24 Aug 2020 20:35

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

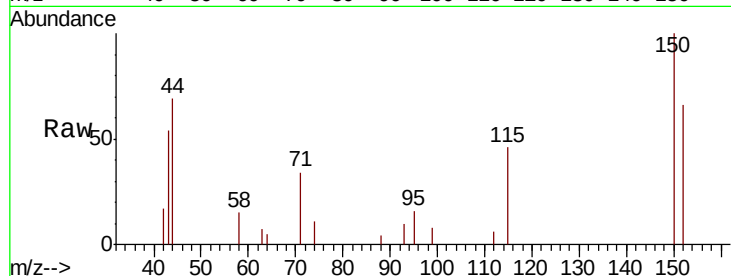
Tot Ion:152 Resp: 2682

Ion Ratio Lower Upper

152 100

150 150.6 112.4 168.6

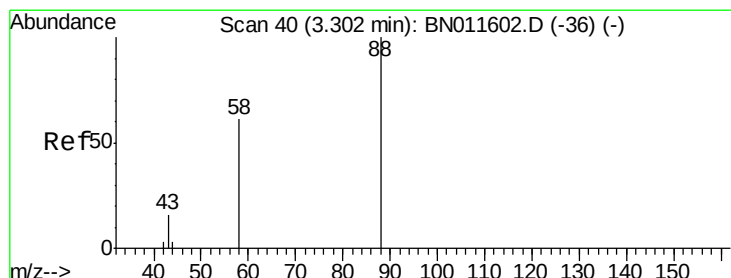
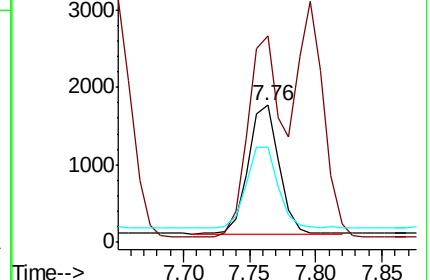
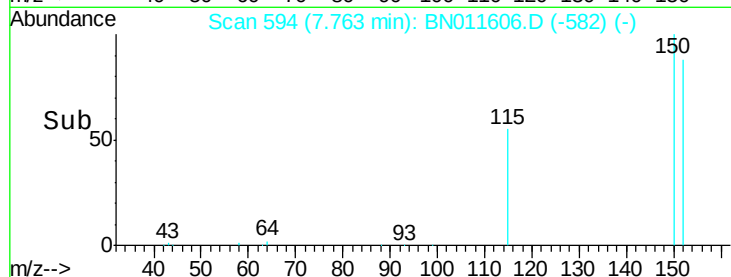
115 69.2 56.9 85.3



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: 4.507 ng

RT: 3.30 min Scan# 40

Delta R.T. -0.00 min

Lab File: BN011606.D

Acq: 24 Aug 2020 20:35

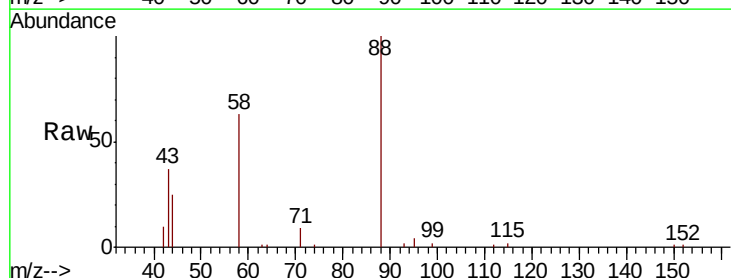
Tgt Ion: 88 Resp: 16517

Ion Ratio Lower Upper

88 100

58 71.9 3.0 4.4#

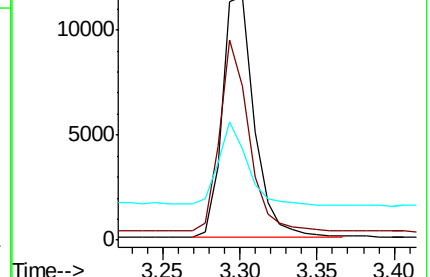
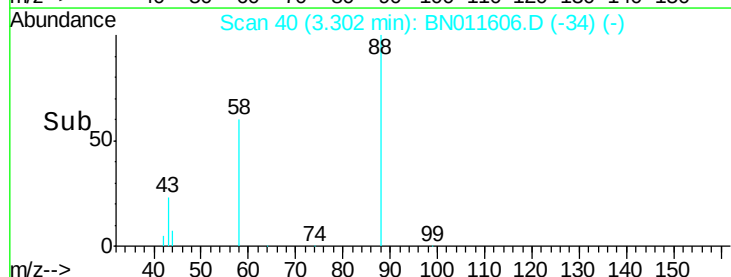
43 31.7 0.0 0.0#

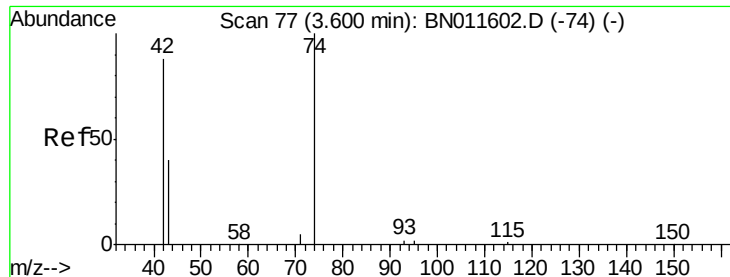


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 12.170 ng

RT: 3.59 min Scan# 76

Delta R.T. -0.01 min

Lab File: BN011606.D

Acq: 24 Aug 2020 20:35

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

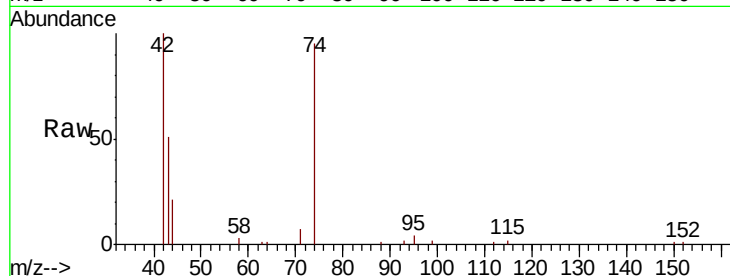
Tot Ion: 42 Resp: 18393

Ion Ratio Lower Upper

42 100

74 116.5 0.0 0.0#

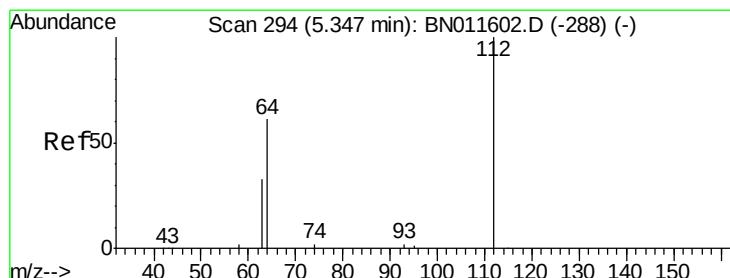
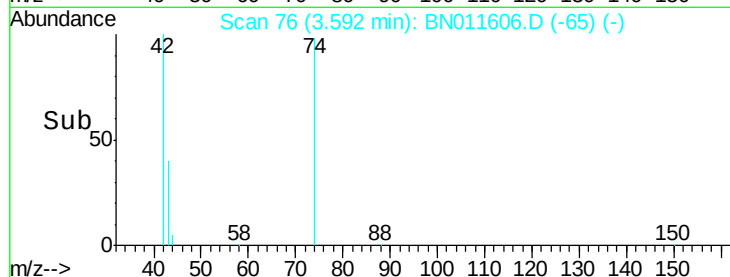
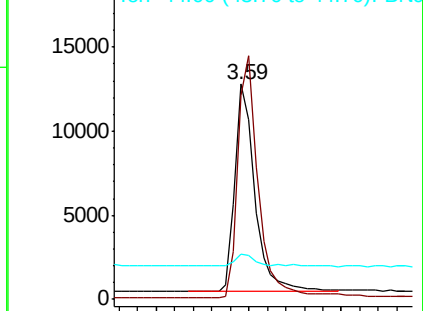
44 7.6 8.2 12.4#



Abundance Ion 42.00 (41.70 to 42.70): BN011602.D (-74) (-)

Ion 74.00 (73.70 to 74.70): BN011602.D (-74) (-)

Ion 44.00 (43.70 to 44.70): BN011602.D (-74) (-)



#4

2-Fluorophenol

Concen: 5.855 ng

RT: 5.35 min Scan# 294

Delta R.T. -0.00 min

Lab File: BN011606.D

Acq: 24 Aug 2020 20:35

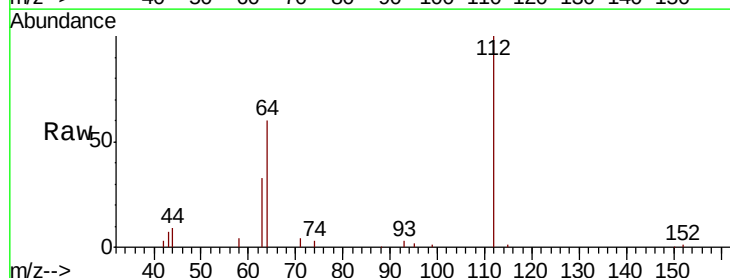
Tgt Ion: 112 Resp: 33518

Ion Ratio Lower Upper

112 100

64 60.3 49.6 74.4

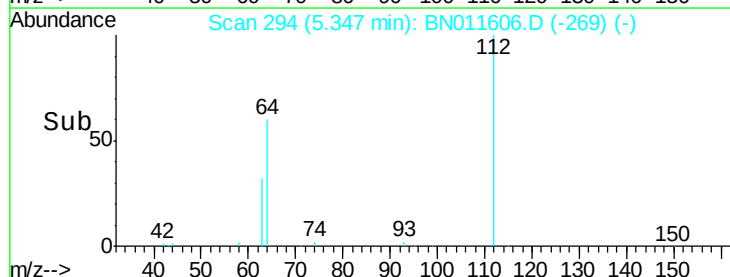
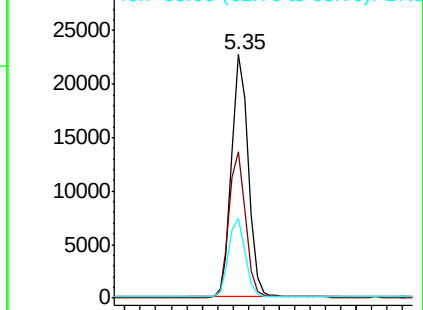
63 32.5 26.4 39.6

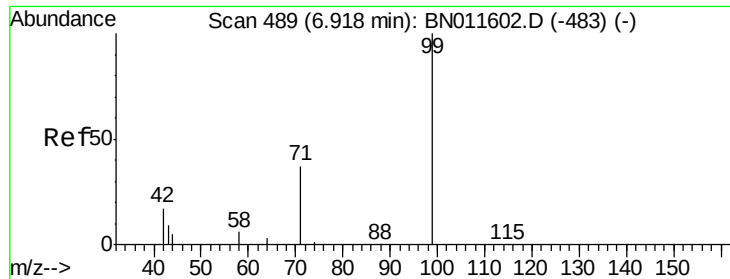


Abundance Ion 112.00 (111.70 to 112.70): BN011602.D (-288) (-)

Ion 64.00 (63.70 to 64.70): BN011602.D (-288) (-)

Ion 63.00 (62.70 to 63.70): BN011602.D (-288) (-)





#5

Phenol-d6

Concen: 8.265 ng

RT: 6.92 min Scan# 489

Delta R.T. -0.00 min

Lab File: BN011606.D

Acq: 24 Aug 2020 20:35

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

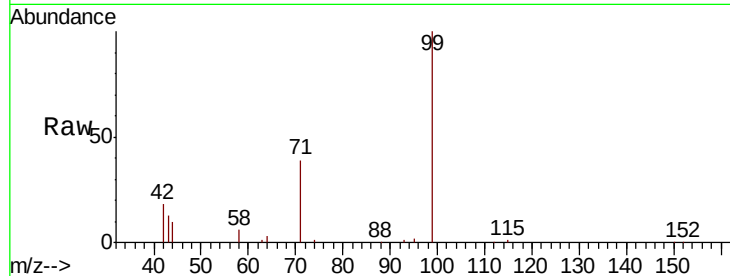
Tot Ion: 99 Resp: 47779

Ion Ratio Lower Upper

99 100

42 20.3 0.0 0.0#

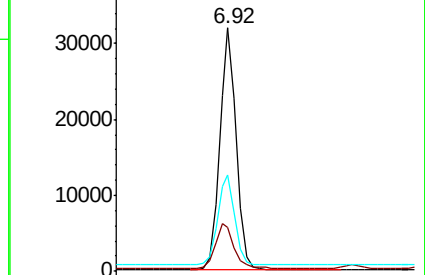
71 38.2 0.0 0.0#



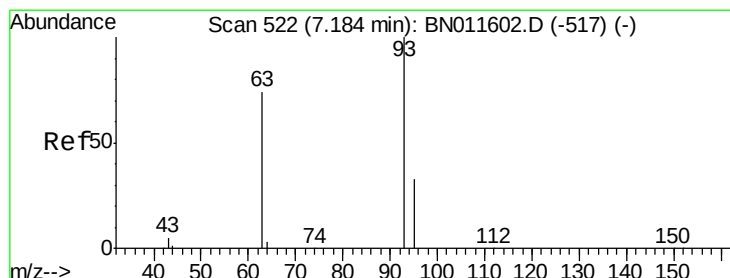
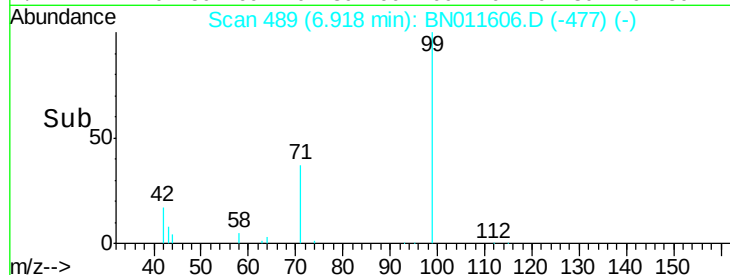
Abundance Ion 99.00 (98.70 to 99.70): BN011606.D (-477) (-)

Ion 42.00 (41.70 to 42.70): BN011606.D (-477) (-)

Ion 71.00 (70.70 to 71.70): BN011606.D (-477) (-)



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 6.137 ng

RT: 7.18 min Scan# 522

Delta R.T. -0.00 min

Lab File: BN011606.D

Acq: 24 Aug 2020 20:35

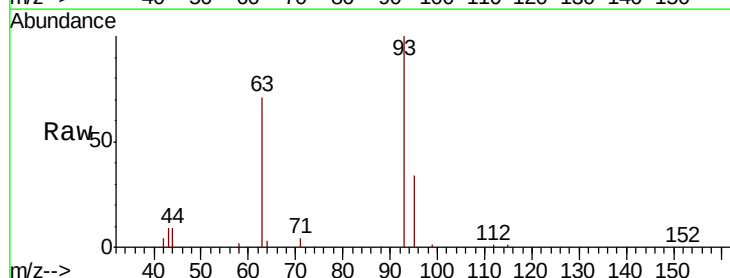
Tgt Ion: 93 Resp: 34691

Ion Ratio Lower Upper

93 100

63 74.2 57.8 86.8

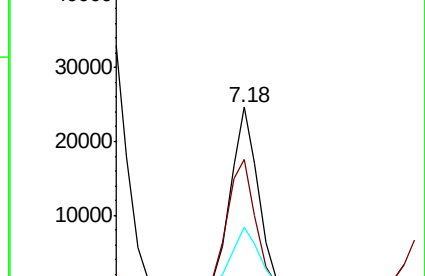
95 32.8 28.3 42.5



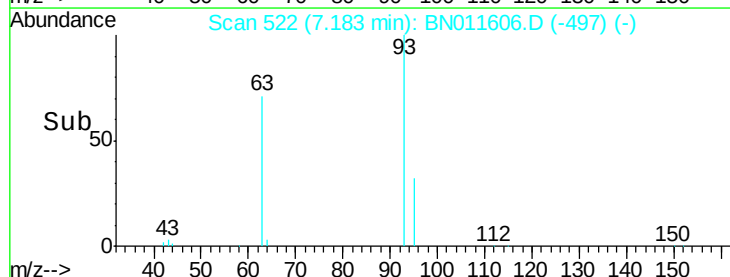
Abundance Ion 93.00 (92.70 to 93.70): BN011606.D (-497) (-)

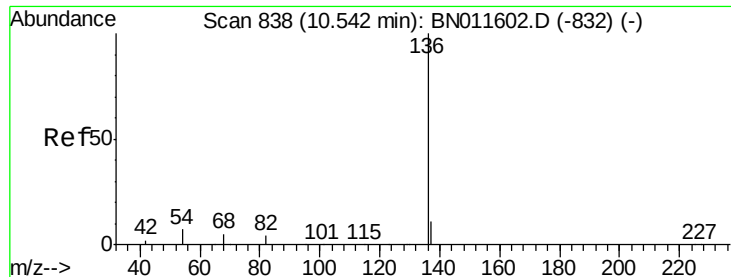
Ion 63.00 (62.70 to 63.70): BN011606.D (-497) (-)

Ion 95.00 (94.70 to 95.70): BN011606.D (-497) (-)



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.54 min Scan# 838

Delta R.T. -0.00 min

Lab File: BN011606.D

Acq: 24 Aug 2020 20:35

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

Tot Ion:136 Resp: 10012

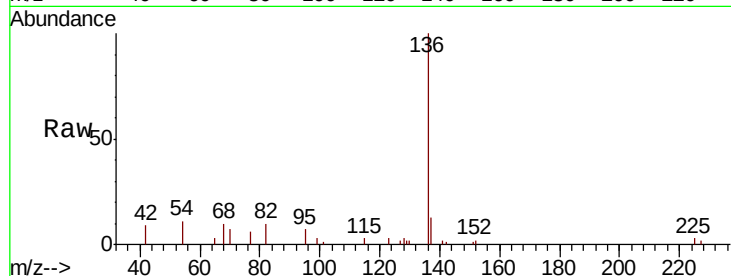
Ion Ratio Lower Upper

136 100

137 12.7 11.5 17.3

54 11.1 11.9 17.9#

68 10.3 12.3 18.5#

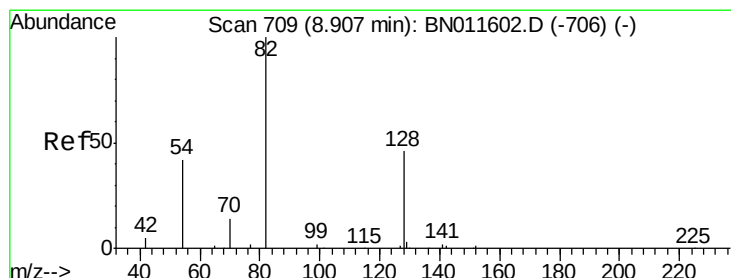
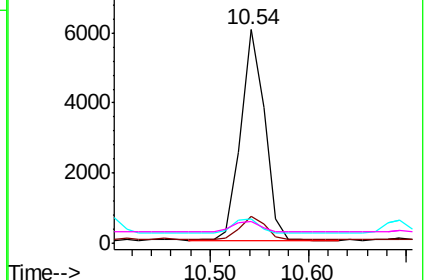
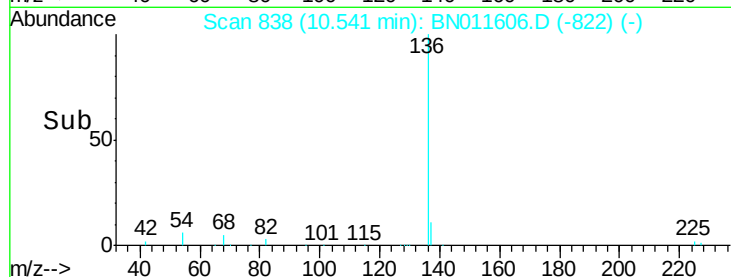


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 6.061 ng

RT: 8.89 min Scan# 708

Delta R.T. -0.01 min

Lab File: BN011606.D

Acq: 24 Aug 2020 20:35

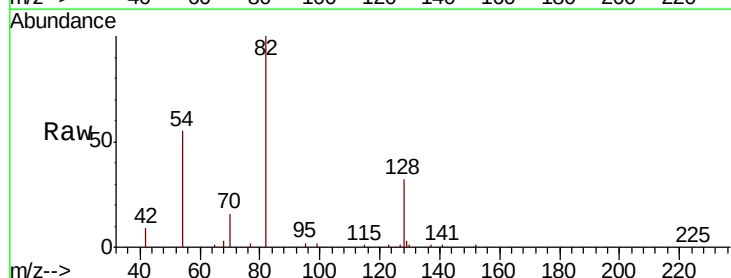
Tgt Ion: 82 Resp: 39889

Ion Ratio Lower Upper

82 100

128 32.0 31.1 46.7

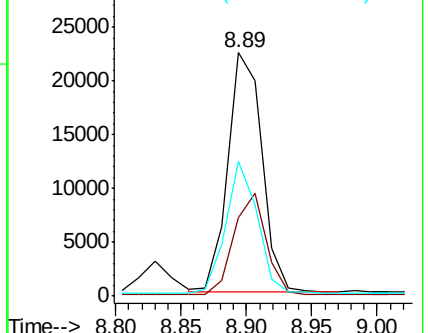
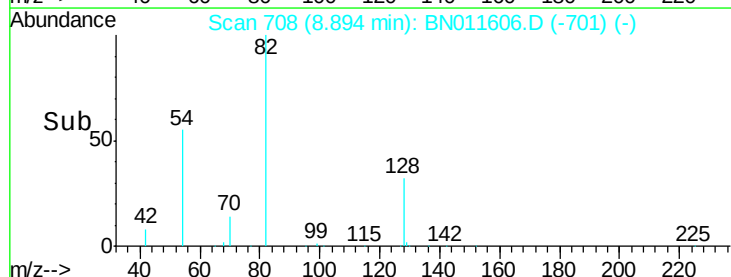
54 55.1 37.1 55.7

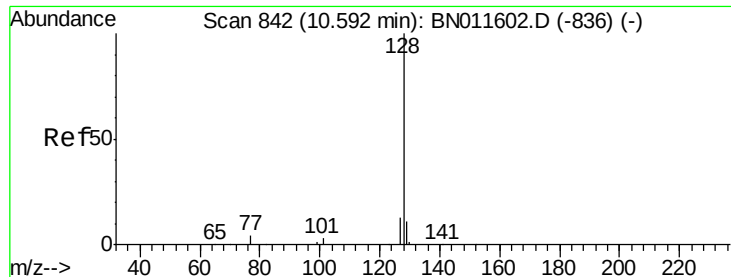


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 4.370 ng

RT: 10.59 min Scan# 842

Delta R.T. -0.00 min

Lab File: BN011606.D

Acq: 24 Aug 2020 20:35

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

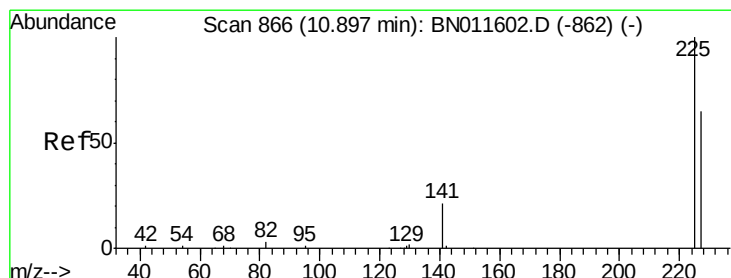
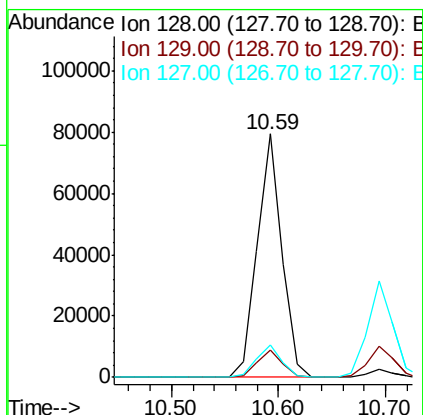
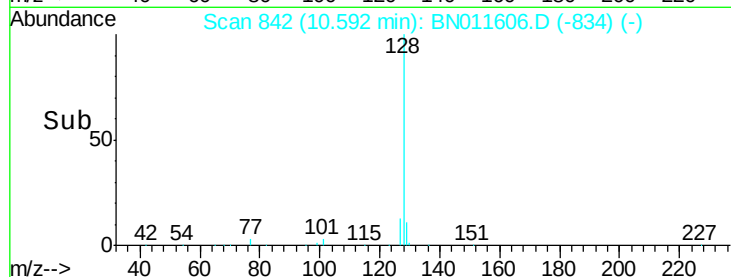
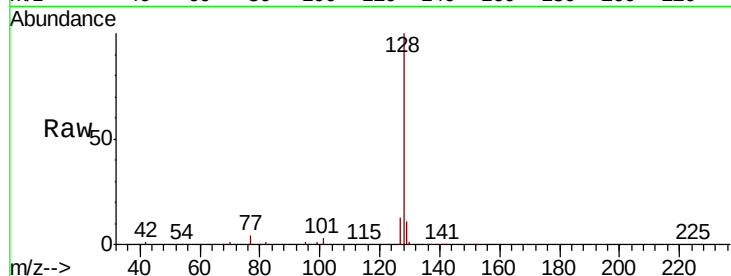
Tot Ion:128 Resp: 126772

Ion Ratio Lower Upper

128 100

129 11.1 11.0 16.4

127 13.1 13.5 20.3#



#10

Hexachlorobutadiene

Concen: 3.258 ng

RT: 10.88 min Scan# 865

Delta R.T. -0.01 min

Lab File: BN011606.D

Acq: 24 Aug 2020 20:35

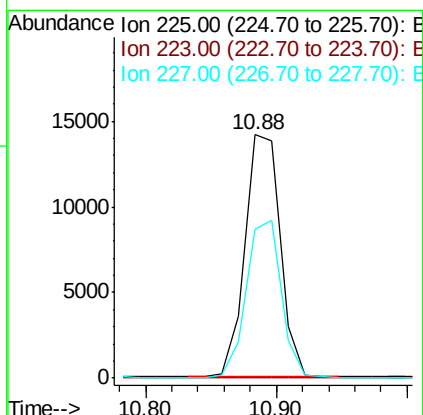
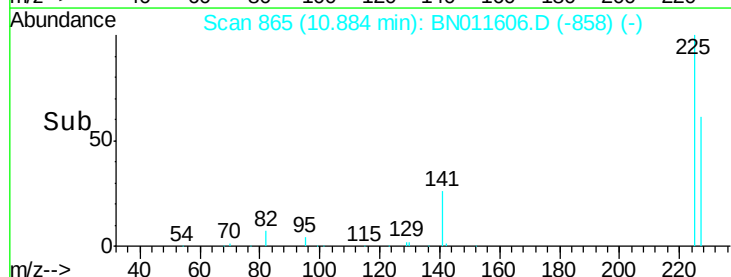
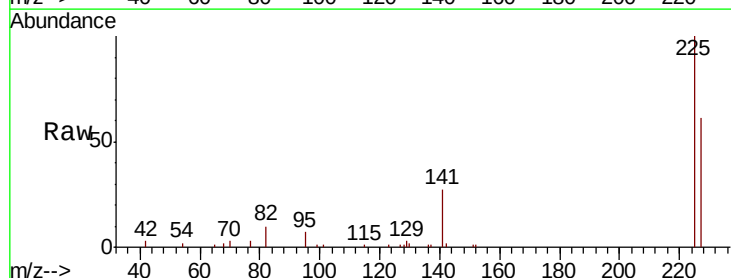
Tgt Ion:225 Resp: 26447

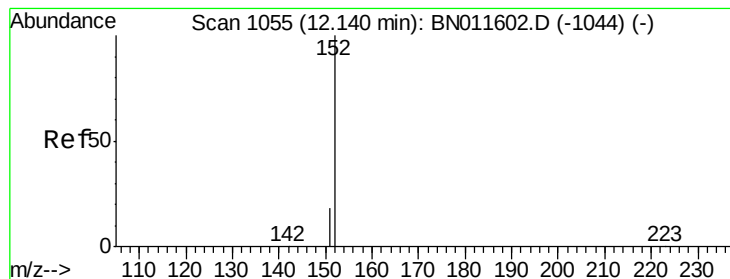
Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 63.7 50.2 75.2





#11

2-Methylnaphthalene-d10

Concen: 4.700 ng

RT: 12.14 min Scan# 1054

Delta R.T. -0.00 min

Lab File: BN011606.D

Acq: 24 Aug 2020 20:35

Instrument :

BNA_N

ClientSampleId :

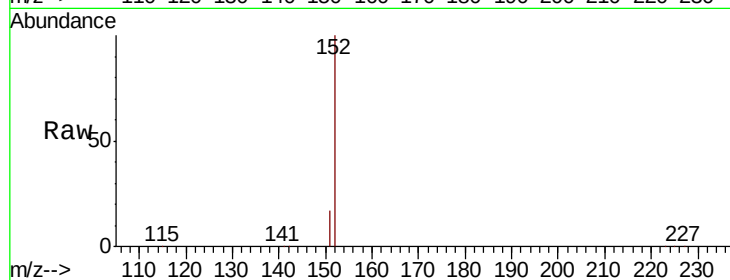
SSTDICC5.0

Tot Ion:152 Resp: 84063

Ion Ratio Lower Upper

152 100

151 20.2 16.4 24.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.14

60000

50000

40000

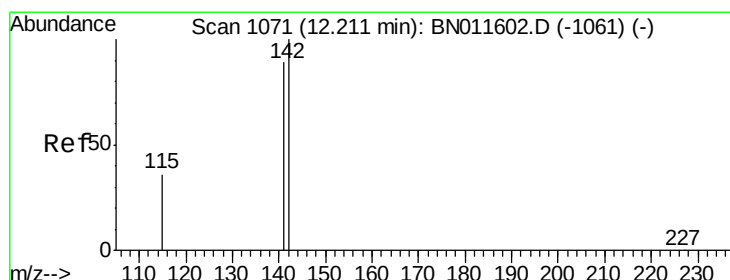
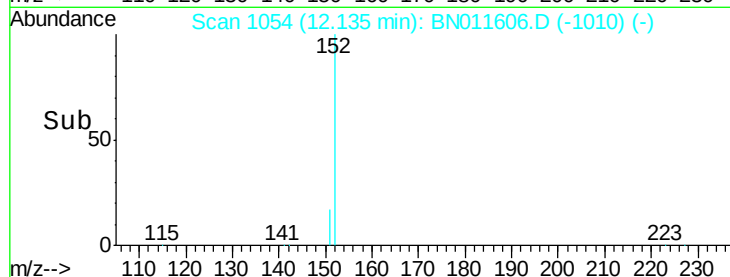
30000

20000

10000

0

Time-->



#12

2-Methylnaphthalene

Concen: 4.620 ng

RT: 12.21 min Scan# 1071

Delta R.T. -0.00 min

Lab File: BN011606.D

Acq: 24 Aug 2020 20:35

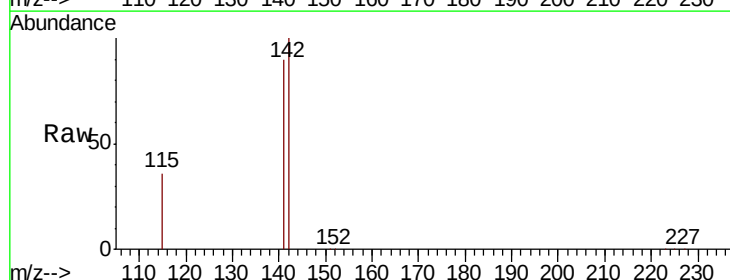
Tgt Ion:142 Resp: 92243

Ion Ratio Lower Upper

142 100

141 89.7 72.7 109.1

115 36.3 32.7 49.1



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

12.21

80000

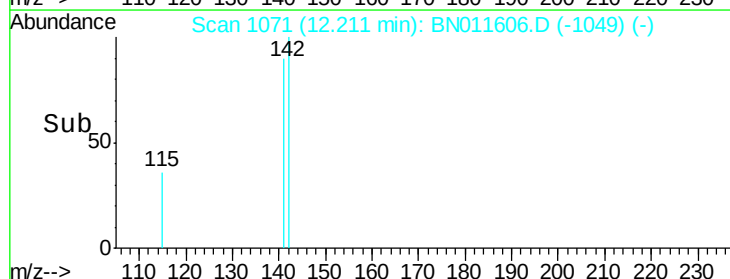
60000

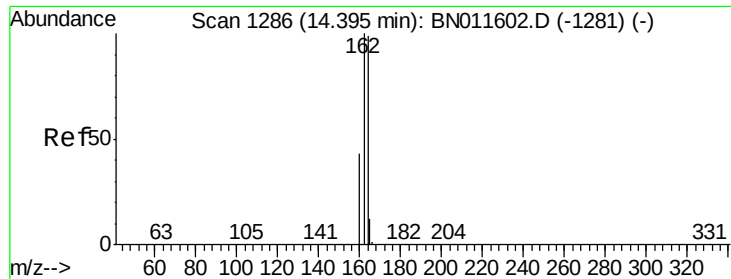
40000

20000

0

Time-->

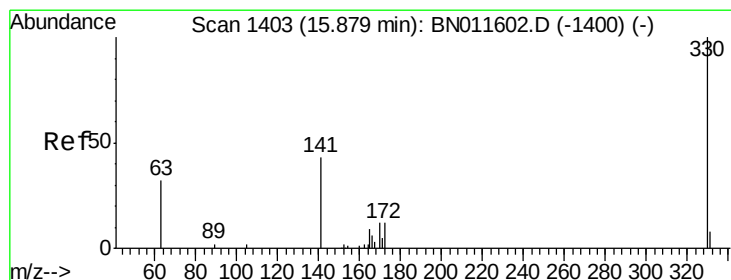
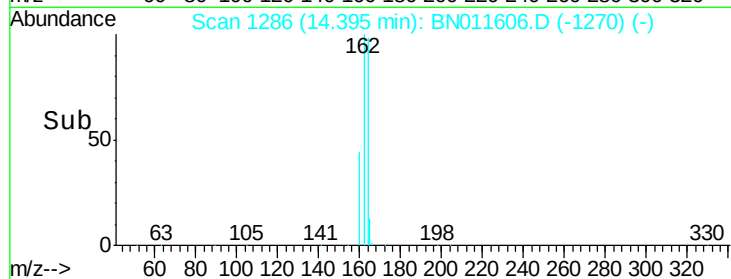
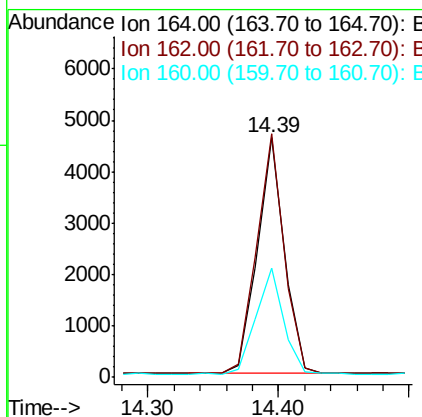
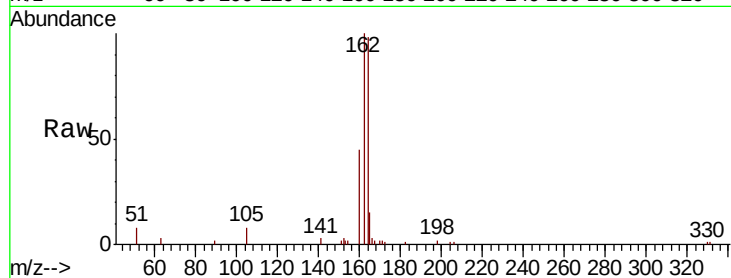




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.39 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: BN011606.D
 Acq: 24 Aug 2020 20:35

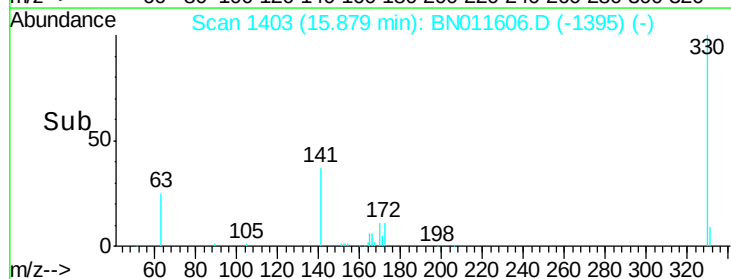
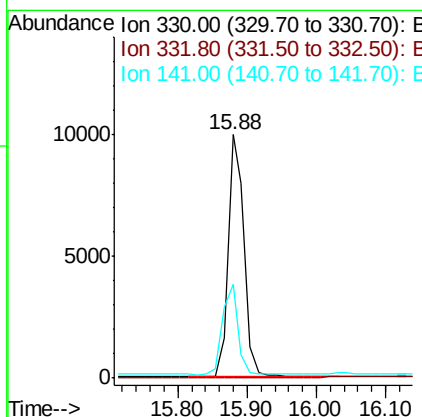
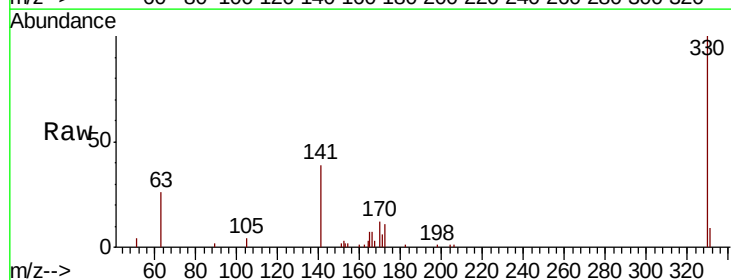
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC5.0

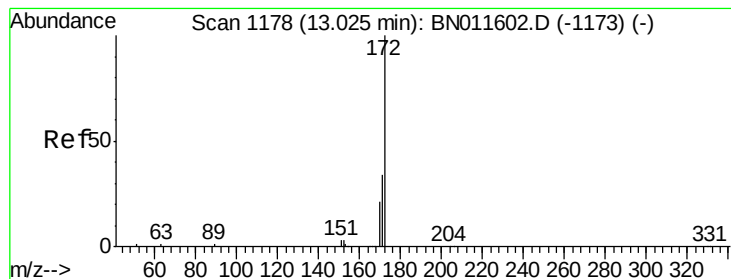
Tot Ion:164 Resp: 6587
 Ion Ratio Lower Upper
 164 100
 162 101.7 80.8 121.2
 160 45.4 35.6 53.4



#14
 2,4,6-Tribromophenol
 Concen: 4.938 ng
 RT: 15.88 min Scan# 1403
 Delta R.T. -0.00 min
 Lab File: BN011606.D
 Acq: 24 Aug 2020 20:35

Tgt Ion:330 Resp: 16194
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 36.6 29.4 44.2





#15

2-Fluorobiphenyl

Concen: 4.130 ng

RT: 13.02 min Scan# 1178

Delta R.T. -0.00 min

Lab File: BN011606.D

Acq: 24 Aug 2020 20:35

Instrument :

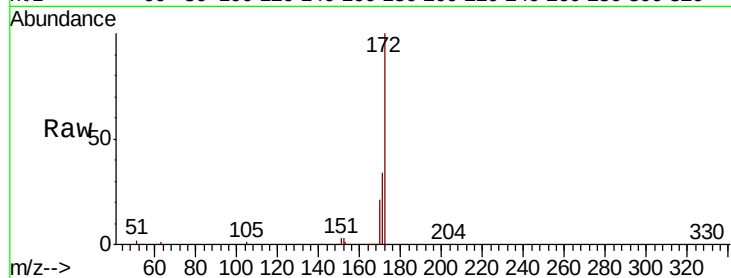
BNA_N

ClientSampleId :

SSTDICC5.0

Tot Ion:172 Resp: 111895

Ion	Ratio	Lower	Upper
172	100		
171	34.2	28.6	42.8
170	21.4	18.2	27.2

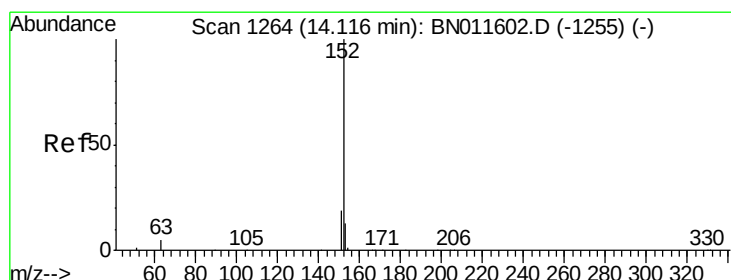
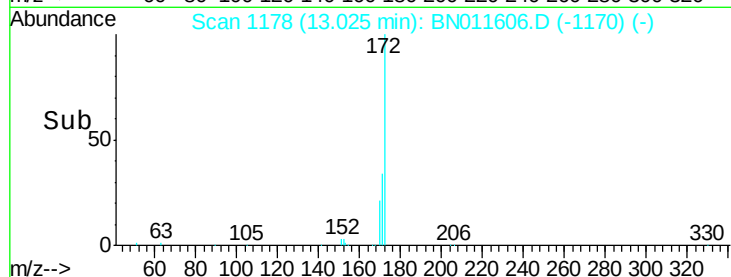
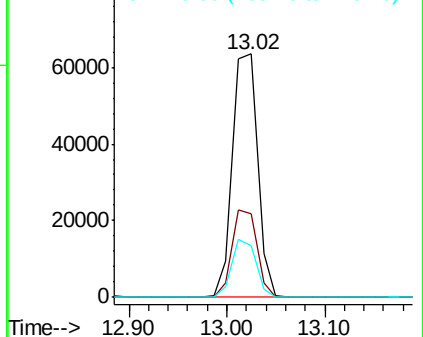


Abundance

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: 4.562 ng

RT: 14.12 min Scan# 1264

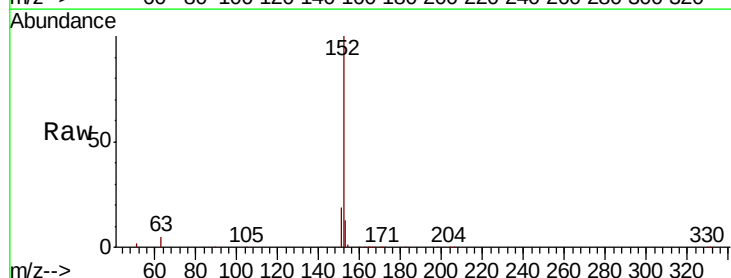
Delta R.T. -0.00 min

Lab File: BN011606.D

Acq: 24 Aug 2020 20:35

Tgt Ion:152 Resp: 152843

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.2	24.2
153	13.1	11.0	16.4

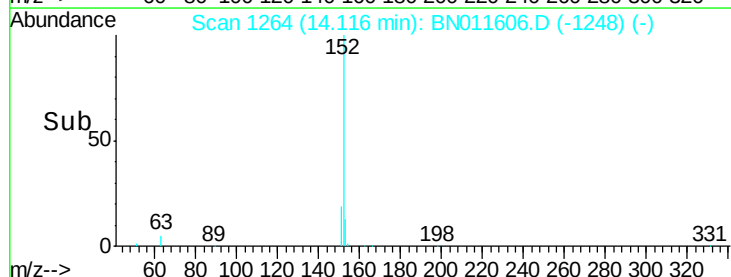
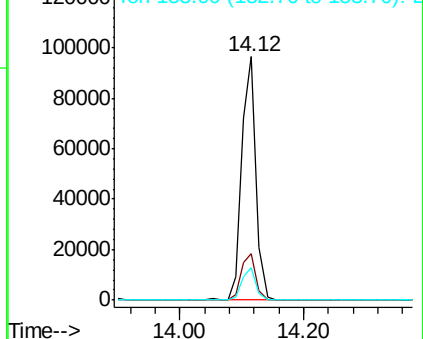


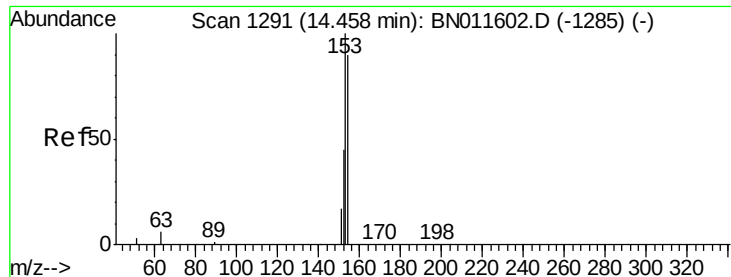
Abundance

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: 4.464 ng

RT: 14.46 min Scan# 1291

Delta R.T. -0.00 min

Lab File: BN011606.D

Acq: 24 Aug 2020 20:35

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

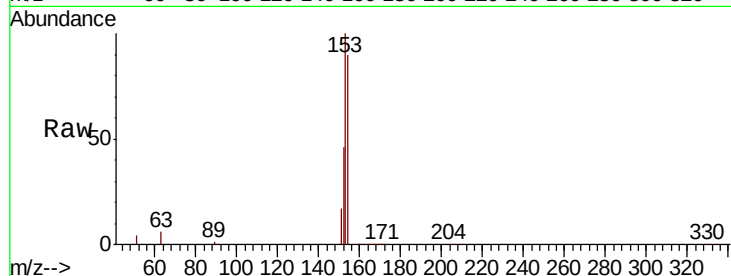
Tot Ion:154 Resp: 98147

Ion Ratio Lower Upper

154 100

153 107.7 86.6 130.0

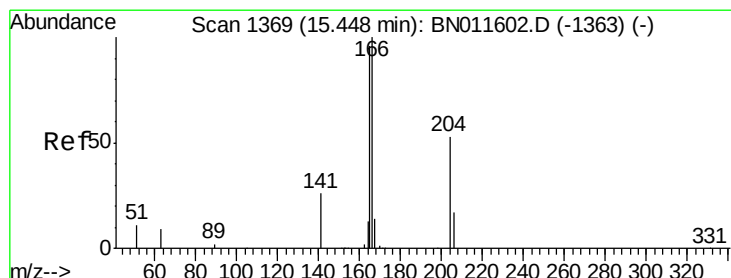
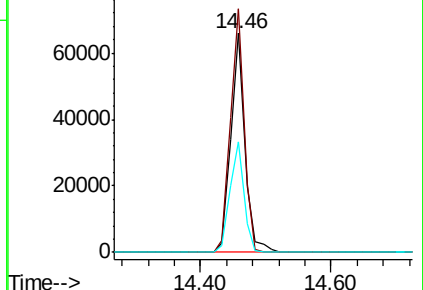
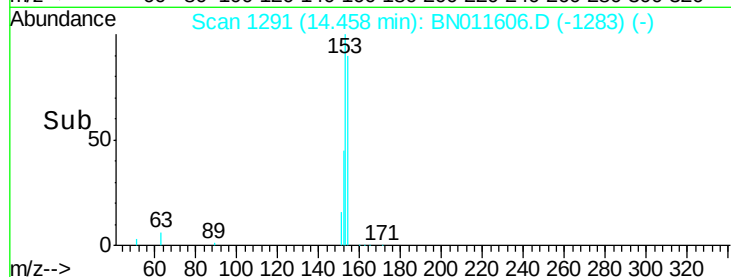
152 49.9 40.1 60.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 4.251 ng

RT: 15.45 min Scan# 1369

Delta R.T. -0.00 min

Lab File: BN011606.D

Acq: 24 Aug 2020 20:35

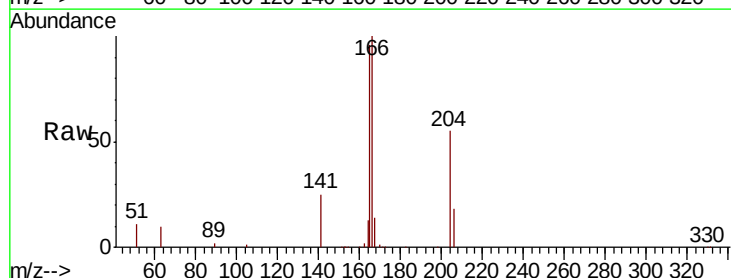
Tgt Ion:166 Resp: 123618

Ion Ratio Lower Upper

166 100

165 97.4 77.4 116.2

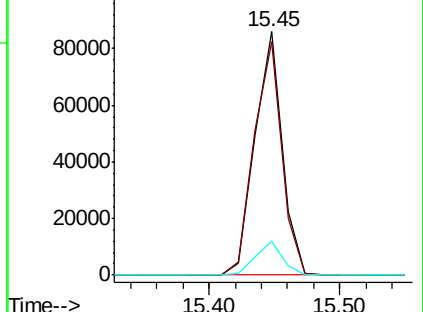
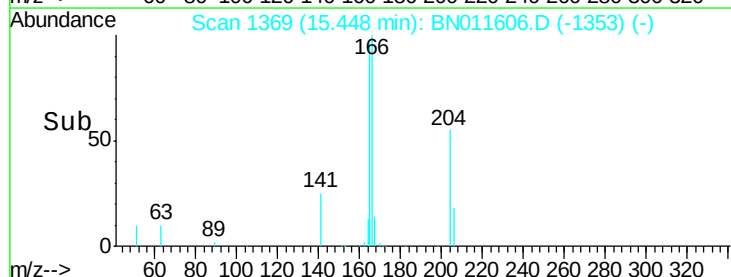
167 13.5 11.5 17.3

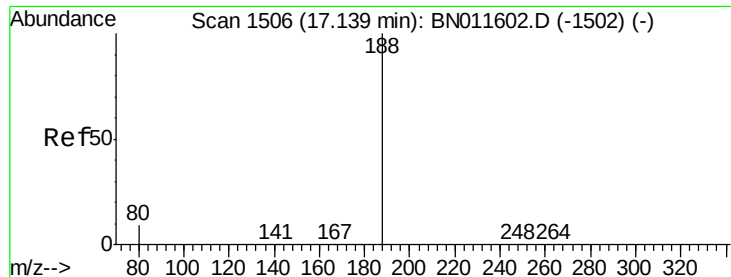


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.14 min Scan# 1506

Delta R.T. -0.00 min

Lab File: BN011606.D

Acq: 24 Aug 2020 20:35

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

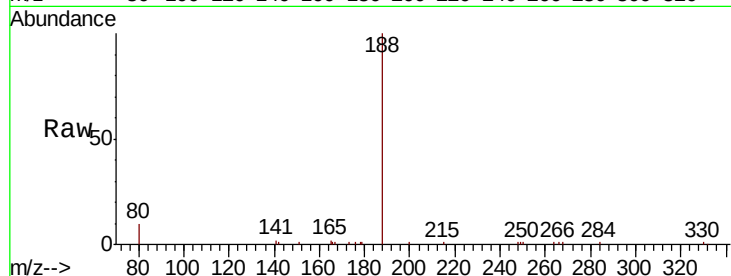
Tot Ion:188 Resp: 14637

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

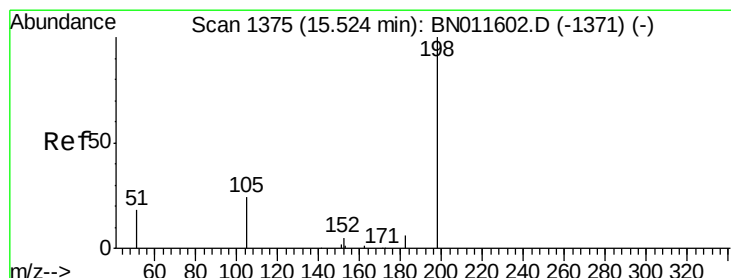
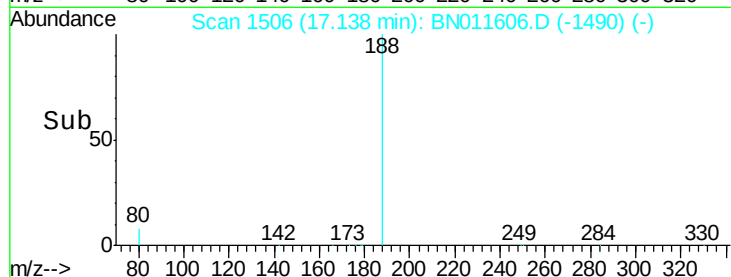
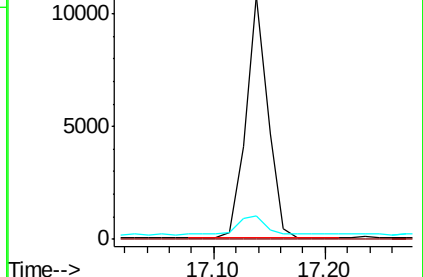
80 9.8 9.2 13.8



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

4,6-Dinitro-2-methylphenol

Concen: 5.060 ng

RT: 15.51 min Scan# 1374

Delta R.T. -0.01 min

Lab File: BN011606.D

Acq: 24 Aug 2020 20:35

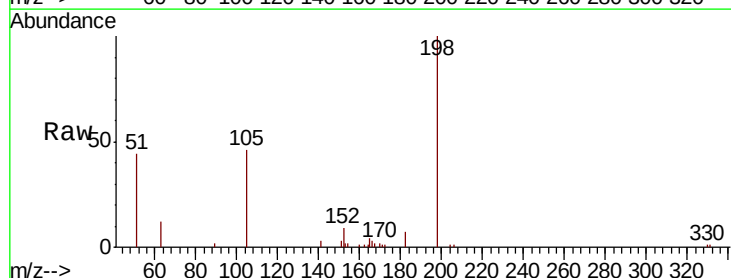
Tgt Ion:198 Resp: 8948

Ion Ratio Lower Upper

198 100

51 43.9 99.6 149.4#

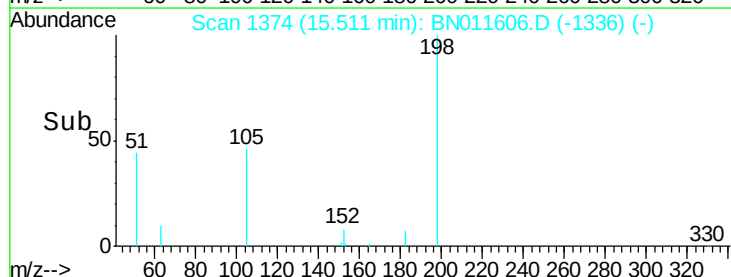
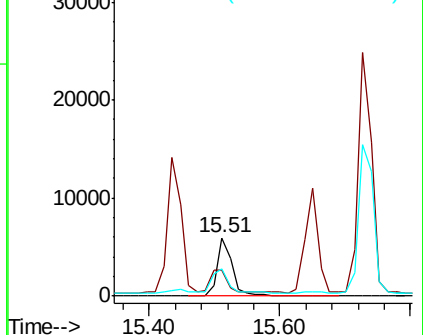
105 46.3 118.8 178.2#

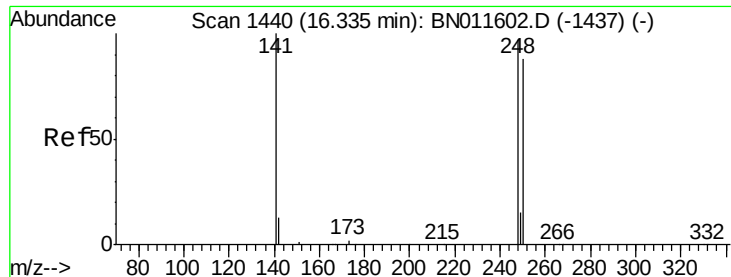


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E





#21

4-Bromophenyl-phenylether

Concen: 11.671 ng

RT: 16.34 min Scan# 1440

Delta R.T. -0.00 min

Lab File: BN011606.D

Acq: 24 Aug 2020 20:35

Instrument :

BNA_N

ClientSampleId :

SSTDIC5.0

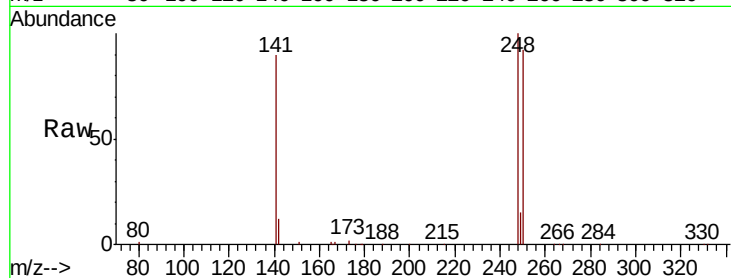
Tot Ion:248 Resp: 37320

Ion Ratio Lower Upper

248 100

250 91.9 73.4 110.2

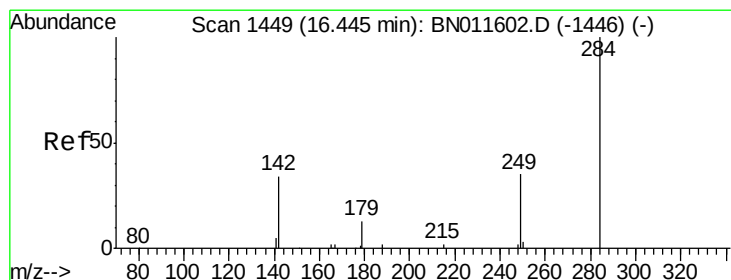
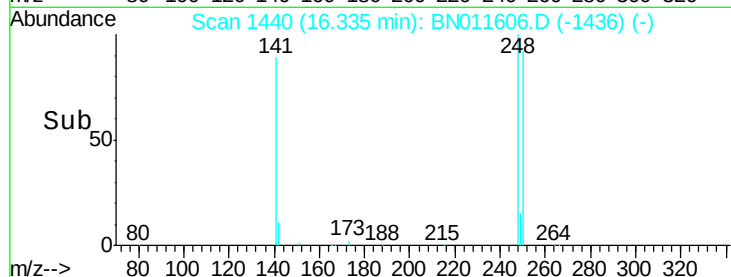
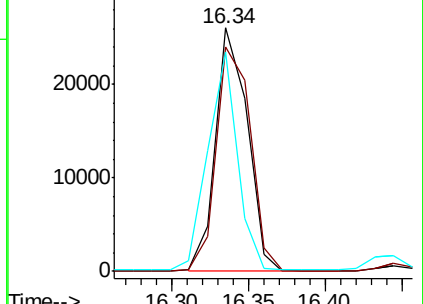
141 89.8 88.5 132.7



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: 3.872 ng

RT: 16.44 min Scan# 1449

Delta R.T. -0.00 min

Lab File: BN011606.D

Acq: 24 Aug 2020 20:35

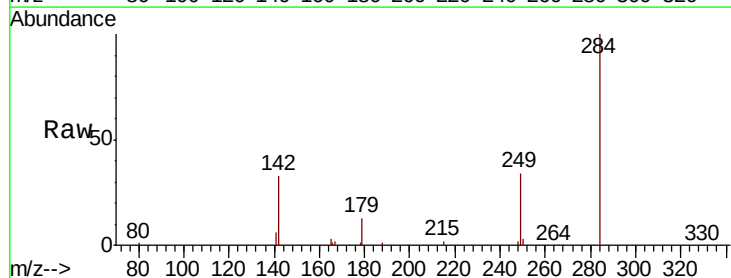
Tgt Ion:284 Resp: 43704

Ion Ratio Lower Upper

284 100

142 33.4 27.3 40.9

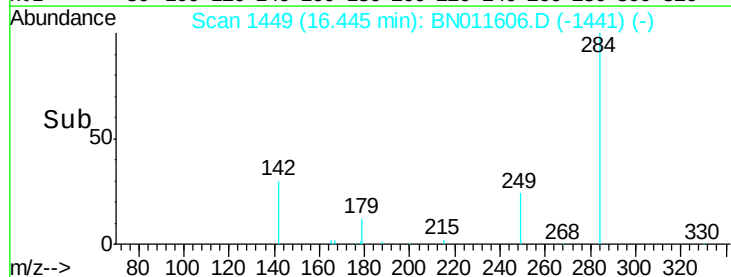
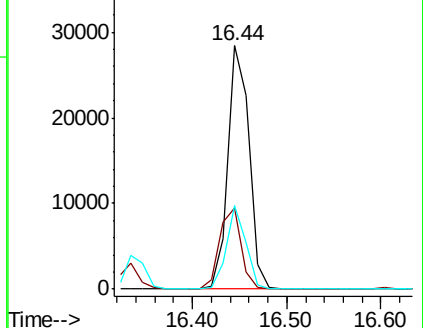
249 31.0 25.2 37.8

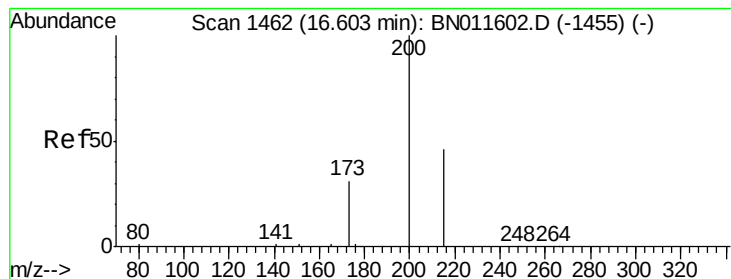


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#23

Atrazine

Concen: 4.967 ng

RT: 16.60 min Scan# 1462

Delta R.T. -0.00 min

Lab File: BN011606.D

Acq: 24 Aug 2020 20:35

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

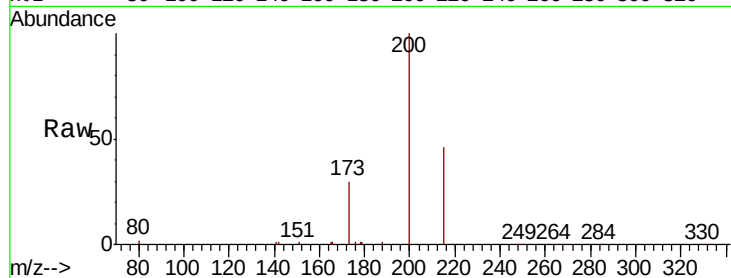
Tot Ion:200 Resp: 37824

Ion Ratio Lower Upper

200 100

173 30.3 28.2 42.4

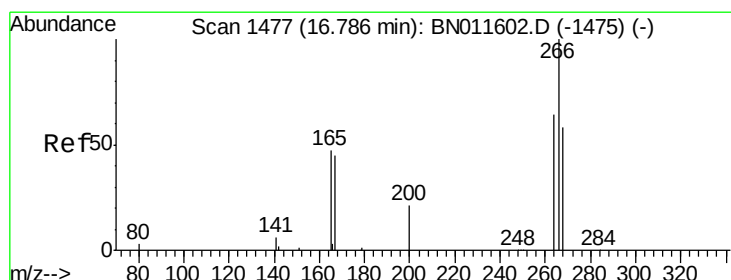
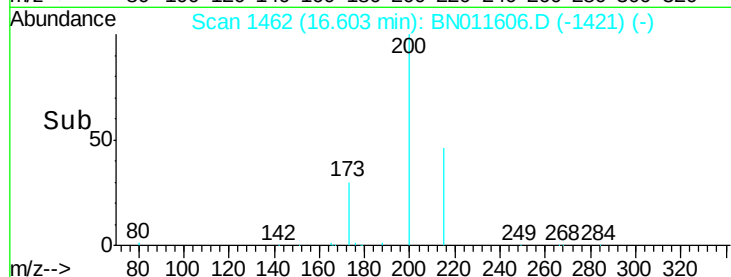
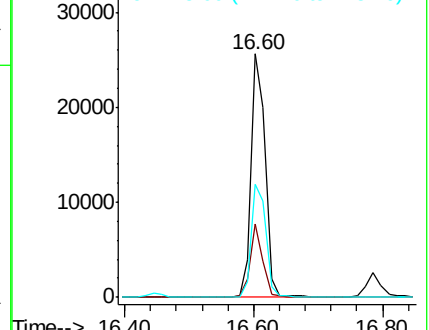
215 46.4 39.8 59.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#24

Pentachlorophenol

Concen: 5.825 ng

RT: 16.79 min Scan# 1477

Delta R.T. -0.00 min

Lab File: BN011606.D

Acq: 24 Aug 2020 20:35

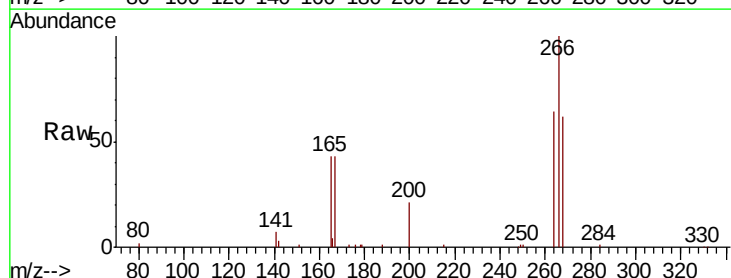
Tgt Ion:266 Resp: 20487

Ion Ratio Lower Upper

266 100

264 63.0 48.1 72.1

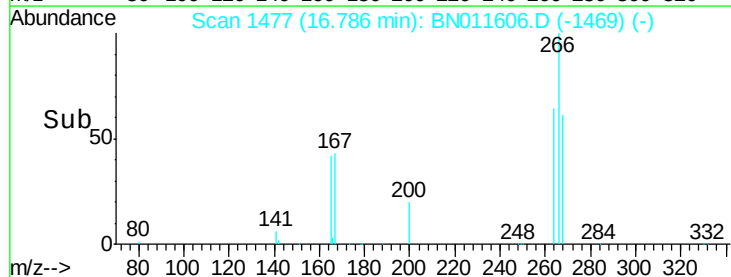
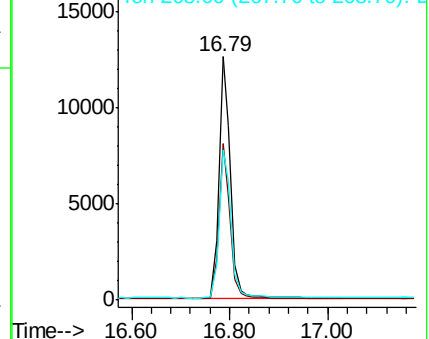
268 63.9 48.4 72.6

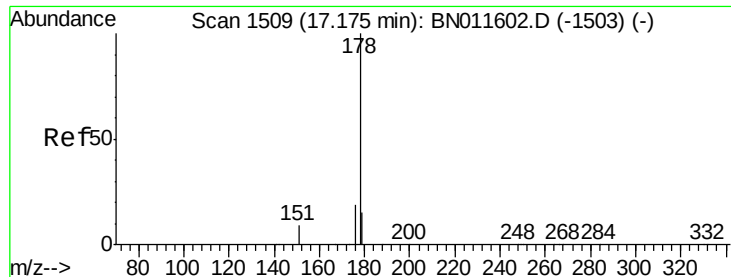


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Phenanthrene

Concen: 4.313 ng

RT: 17.17 min Scan# 1509

Delta R.T. -0.00 min

Lab File: BN011606.D

Acq: 24 Aug 2020 20:35

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

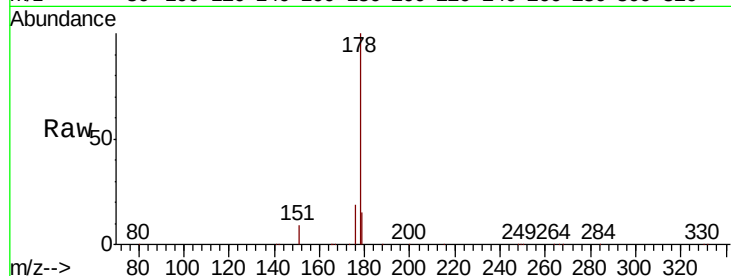
Tot Ion:178 Resp: 198728

Ion Ratio Lower Upper

178 100

176 18.4 15.0 22.4

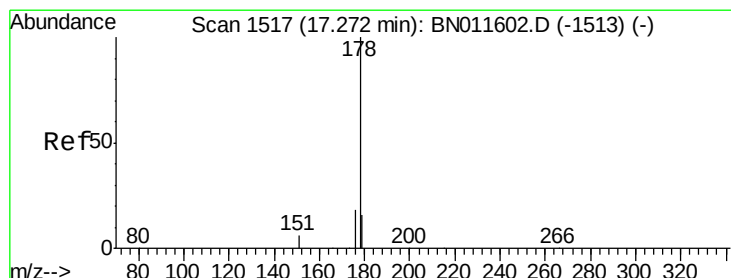
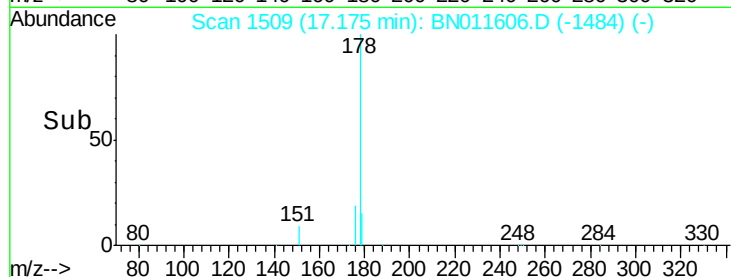
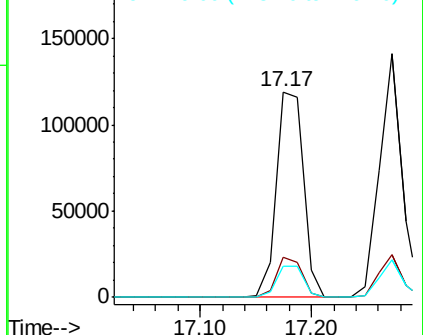
179 15.3 12.6 18.8



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: 5.064 ng

RT: 17.27 min Scan# 1517

Delta R.T. -0.00 min

Lab File: BN011606.D

Acq: 24 Aug 2020 20:35

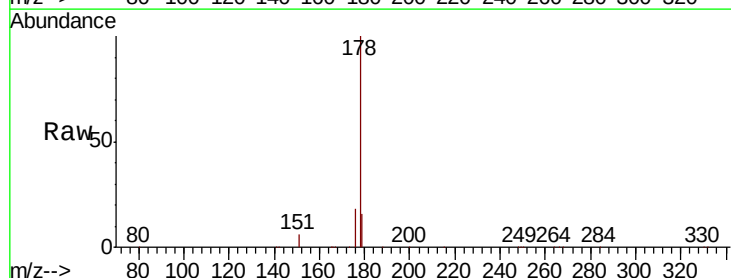
Tgt Ion:178 Resp: 194617

Ion Ratio Lower Upper

178 100

176 17.9 14.6 21.8

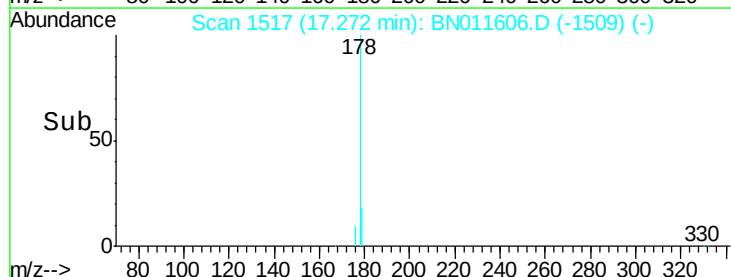
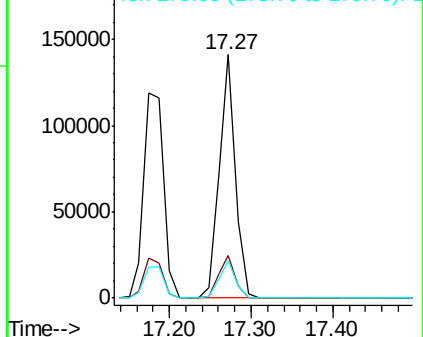
179 15.4 12.5 18.7

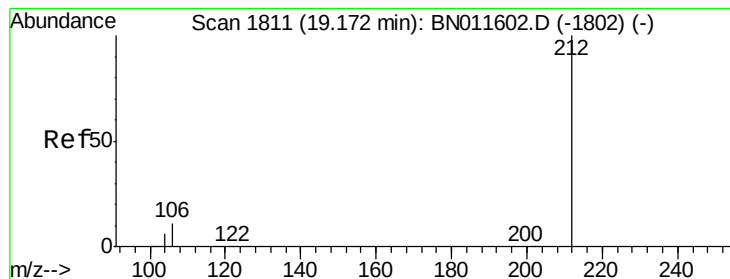


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#27

Fluoranthene-d10

Concen: 4.217 ng

RT: 19.17 min Scan# 1811

Delta R.T. -0.00 min

Lab File: BN011606.D

Acq: 24 Aug 2020 20:35

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

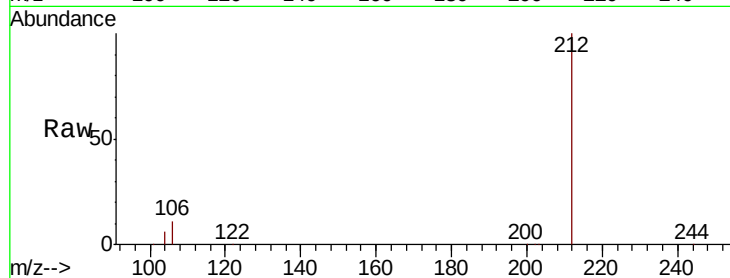
Tot Ion:212 Resp: 208010

Ion Ratio Lower Upper

212 100

106 10.8 8.9 13.3

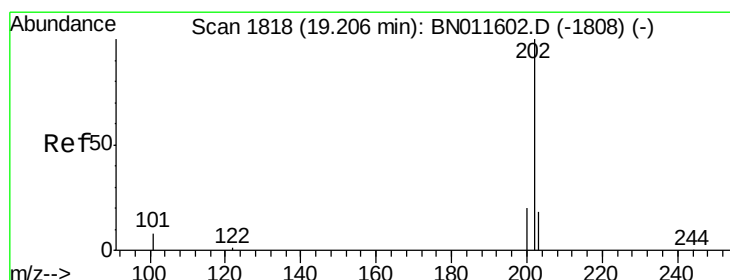
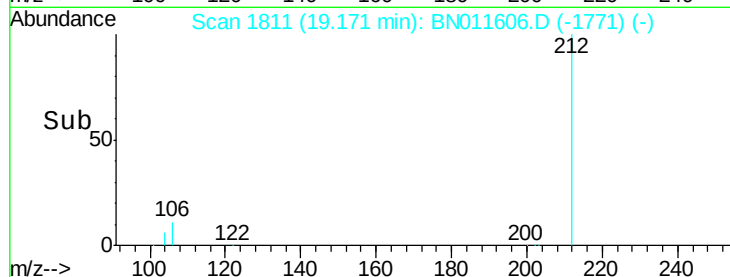
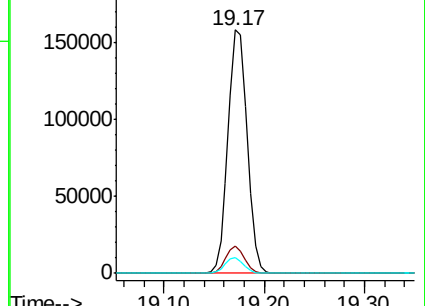
104 6.1 5.3 7.9



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: 3.922 ng

RT: 19.20 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BN011606.D

Acq: 24 Aug 2020 20:35

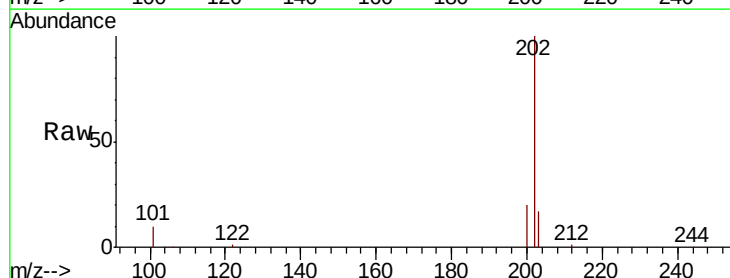
Tgt Ion:202 Resp: 232456

Ion Ratio Lower Upper

202 100

101 9.5 7.7 11.5

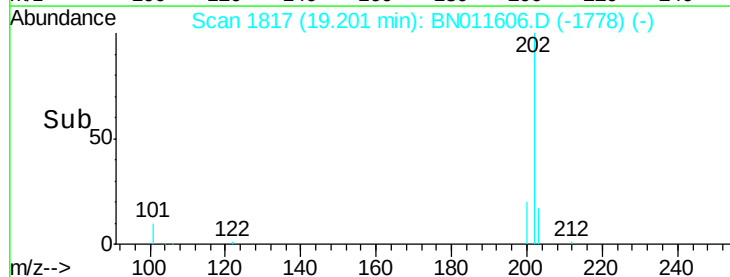
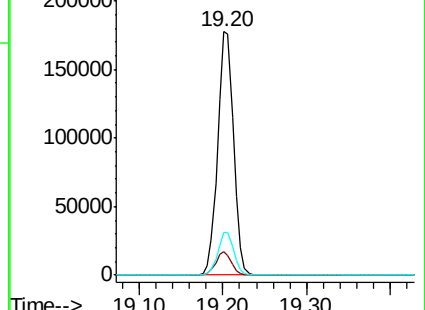
203 17.5 13.9 20.9

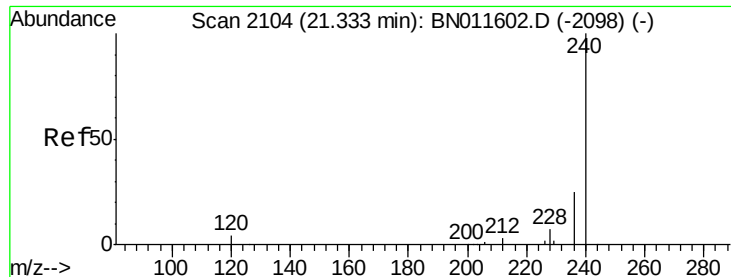


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

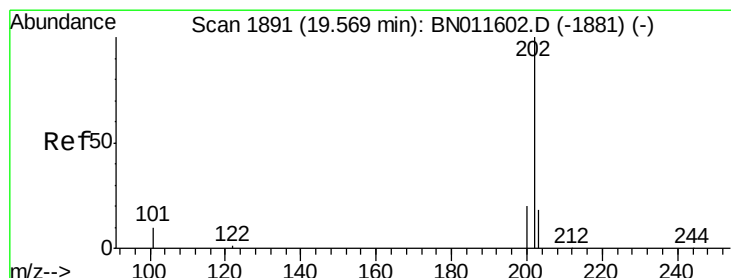
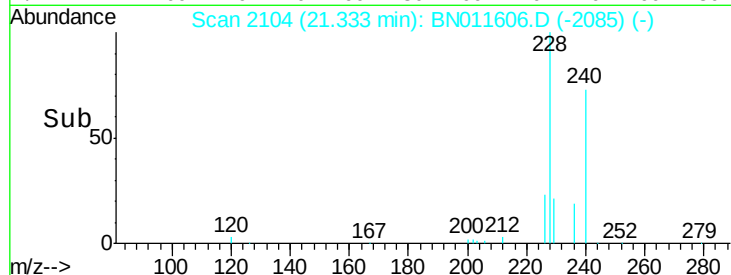
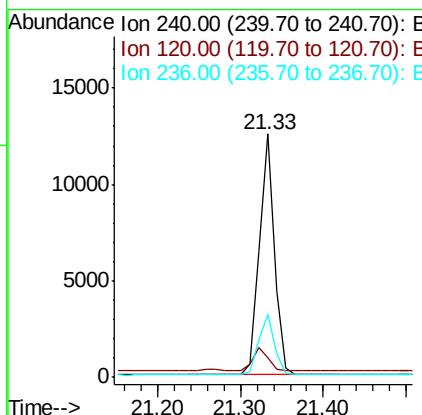
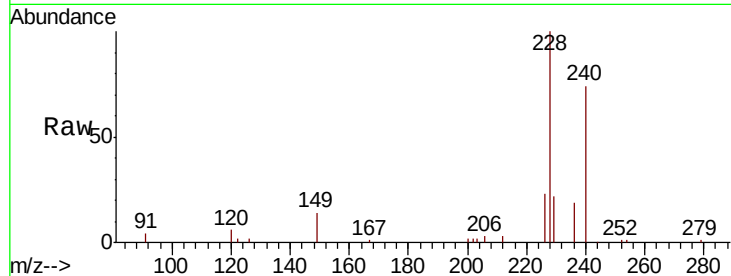




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.33 min Scan# 2104
Delta R.T. -0.00 min
Lab File: BN011606.D
Acq: 24 Aug 2020 20:35

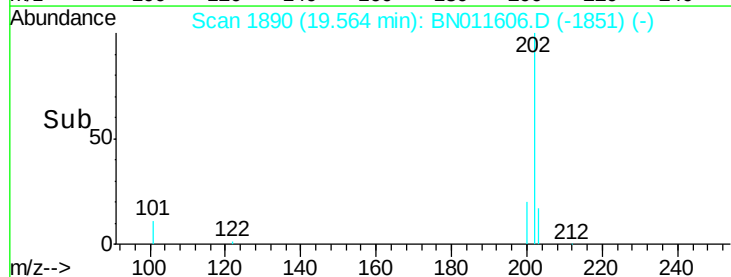
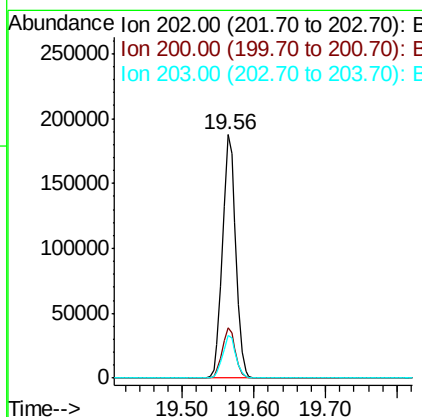
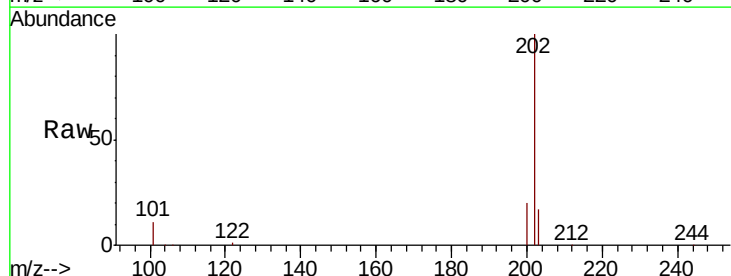
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

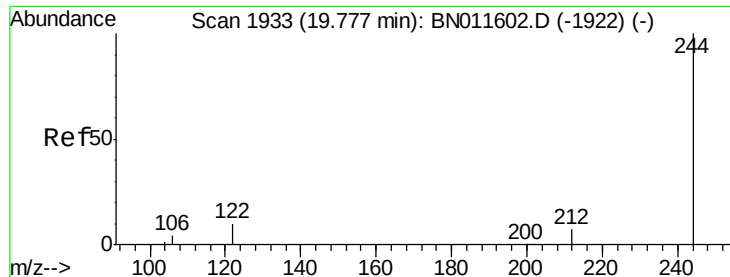
Tot Ion:240 Resp: 15584
Ion Ratio Lower Upper
240 100
120 8.3 6.0 9.0
236 26.1 20.8 31.2



#30
Pyrene
Concen: 3.844 ng
RT: 19.56 min Scan# 1890
Delta R.T. -0.01 min
Lab File: BN011606.D
Acq: 24 Aug 2020 20:35

Tgt Ion:202 Resp: 238280
Ion Ratio Lower Upper
202 100
200 20.3 16.3 24.5
203 17.5 14.2 21.4





#31

Terphenyl-d14

Concen: 4.208 ng

RT: 19.78 min Scan# 1933

Delta R.T. -0.00 min

Lab File: BN011606.D

Acq: 24 Aug 2020 20:35

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

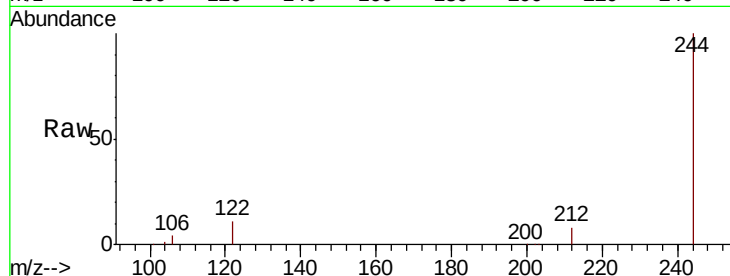
Tot Ion:244 Resp: 171032

Ion Ratio Lower Upper

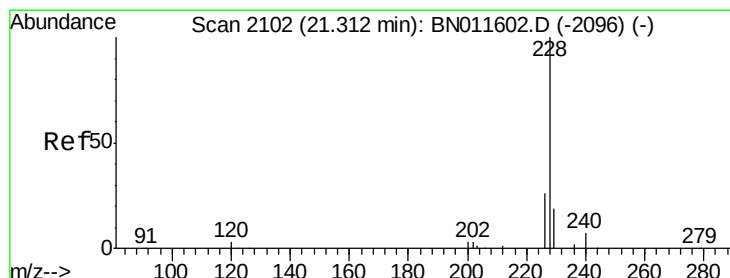
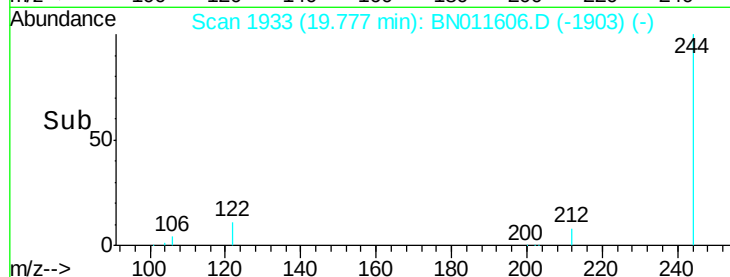
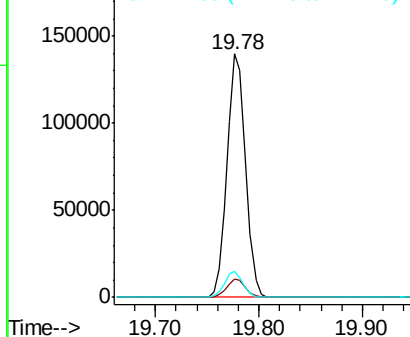
244 100

212 7.6 6.5 9.7

122 10.6 9.5 14.3



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



#32

Benzo(a)anthracene

Concen: 4.694 ng

RT: 21.31 min Scan# 2102

Delta R.T. -0.00 min

Lab File: BN011606.D

Acq: 24 Aug 2020 20:35

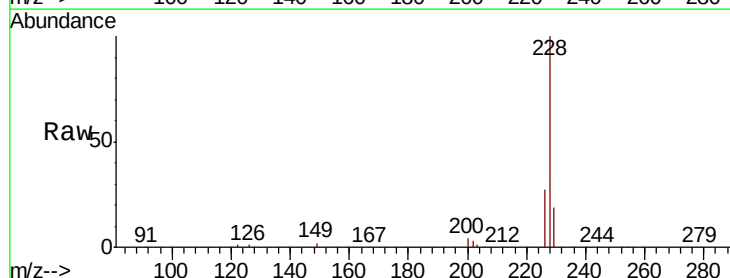
Tgt Ion:228 Resp: 240285

Ion Ratio Lower Upper

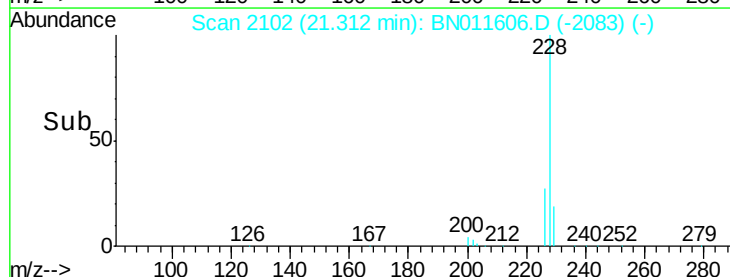
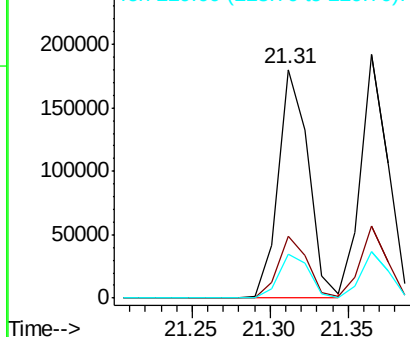
228 100

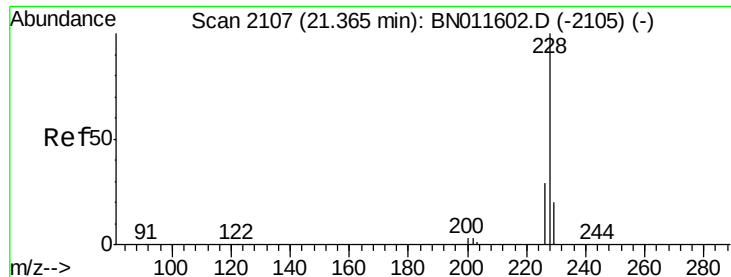
226 27.1 21.2 31.8

229 19.2 15.8 23.8



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





#33

Chrysene

Concen: 3.954 ng

RT: 21.36 min Scan# 2107

Delta R.T. -0.00 min

Lab File: BN011606.D

Acq: 24 Aug 2020 20:35

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

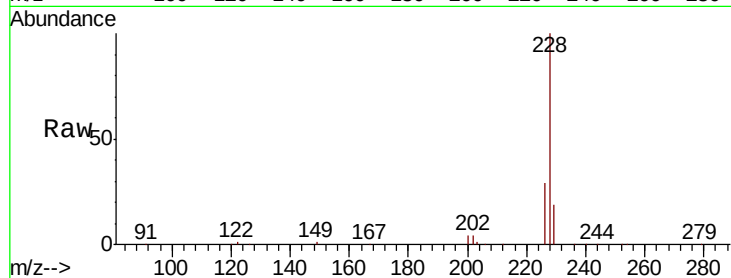
Tot Ion:228 Resp: 230277

Ion Ratio Lower Upper

228 100

226 29.4 23.6 35.4

229 19.3 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

250000

200000

150000

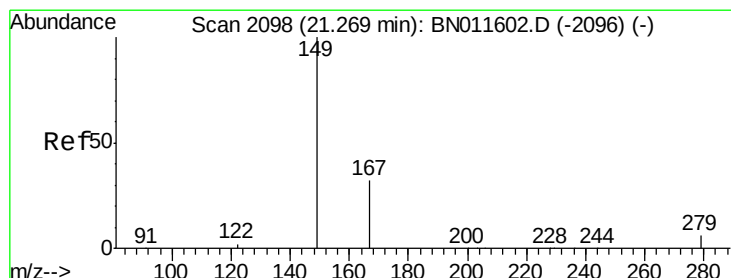
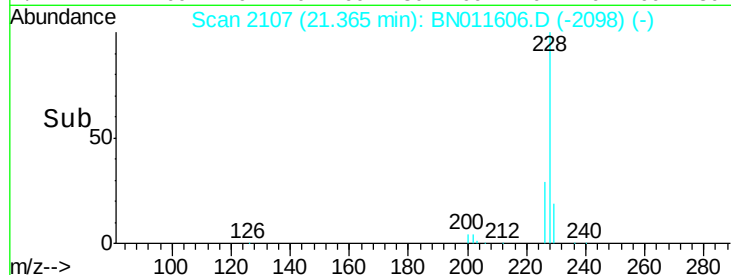
100000

50000

0

21.30 21.35 21.40 21.45

Time-->



#34

Bis(2-ethylhexyl)phthalate

Concen: 5.677 ng

RT: 21.27 min Scan# 2098

Delta R.T. -0.00 min

Lab File: BN011606.D

Acq: 24 Aug 2020 20:35

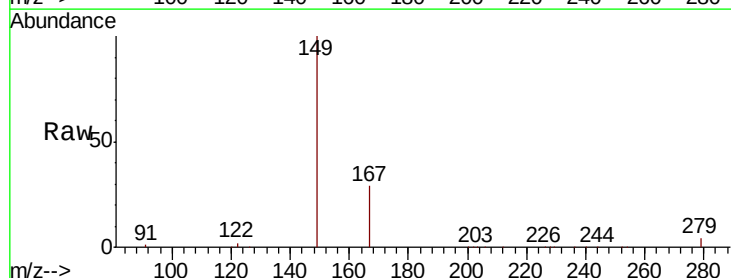
Tgt Ion:149 Resp: 144495

Ion Ratio Lower Upper

149 100

167 29.3 20.6 31.0

279 5.0 3.8 5.8



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

150000

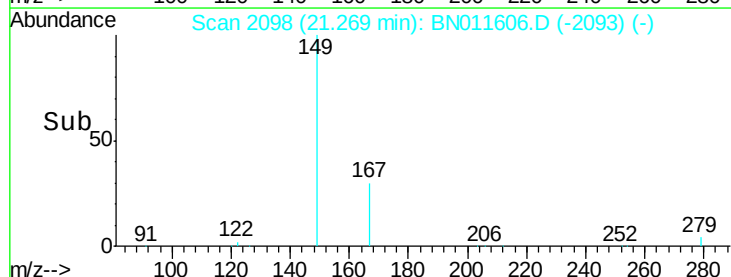
100000

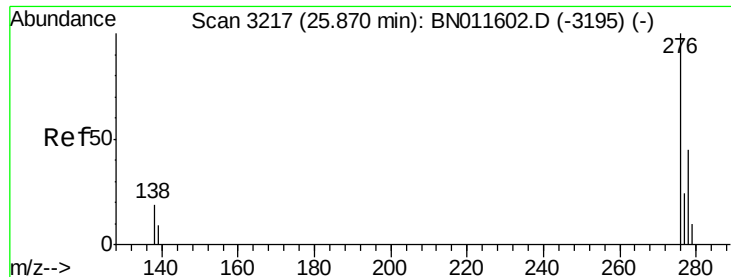
50000

0

21.25 21.30

Time-->

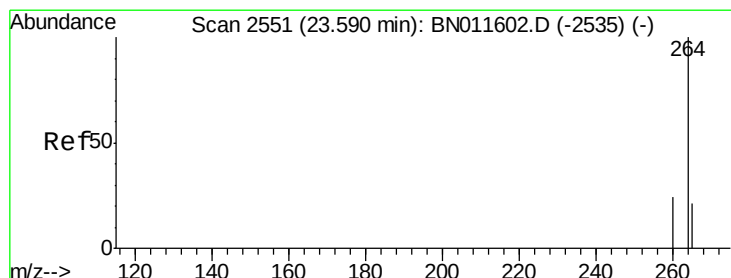
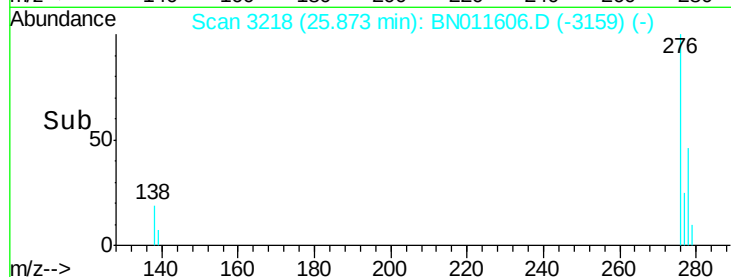
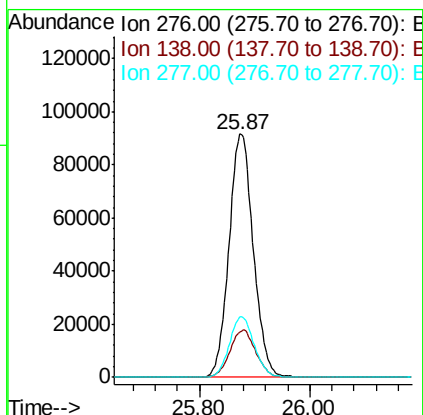
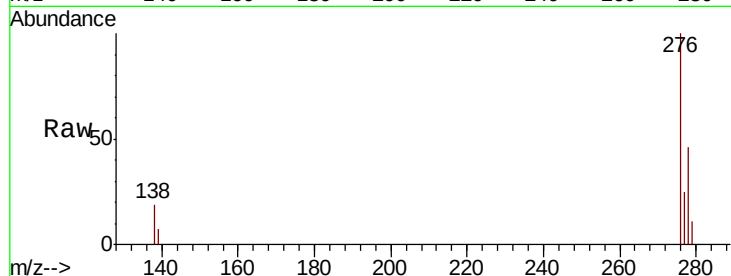




#35
 Indeno(1,2,3-cd)pyrene
 Concen: 5.299 ng
 RT: 25.87 min Scan# 3218
 Delta R.T. 0.00 min
 Lab File: BN011606.D
 Acq: 24 Aug 2020 20:35

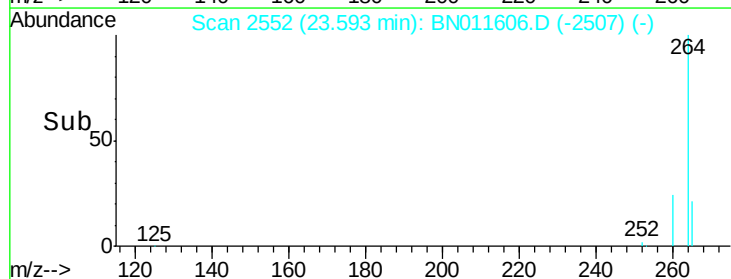
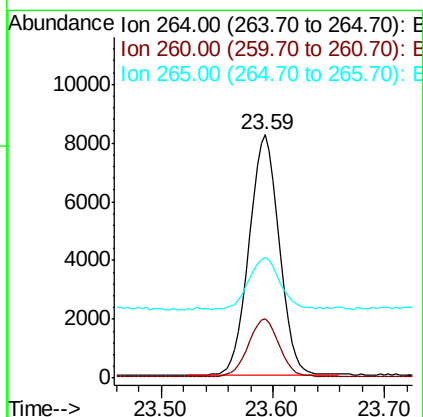
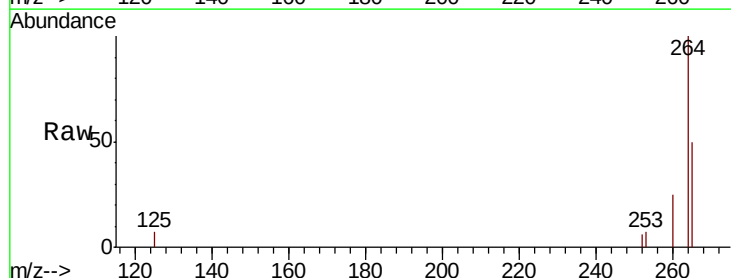
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC5.0

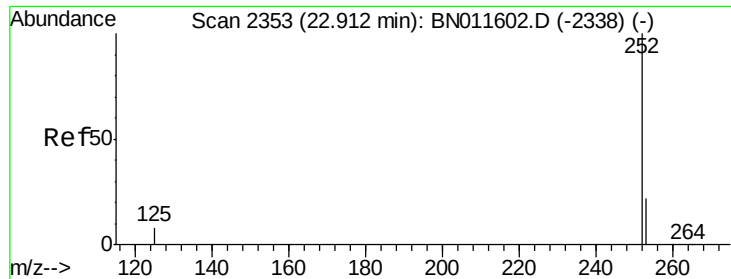
Tot Ion:276 Resp: 280217
 Ion Ratio Lower Upper
 276 100
 138 20.3 0.0 0.0#
 277 25.2 0.0 0.0#



#36
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.59 min Scan# 2552
 Delta R.T. 0.00 min
 Lab File: BN011606.D
 Acq: 24 Aug 2020 20:35

Tgt Ion:264 Resp: 15219
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.6 29.4
 265 49.8 40.7 61.1

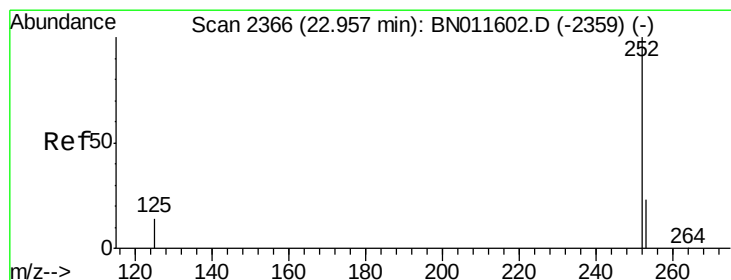
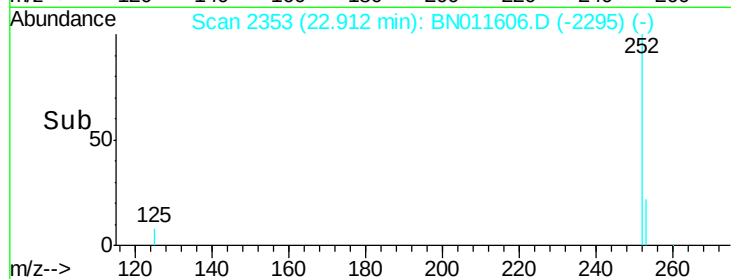
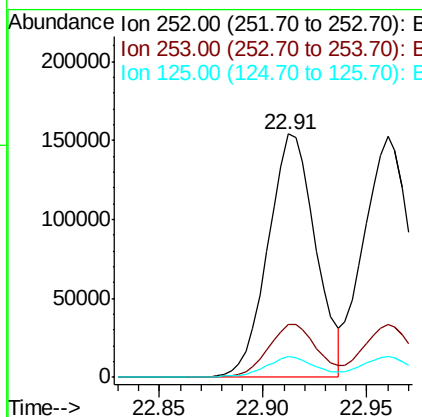
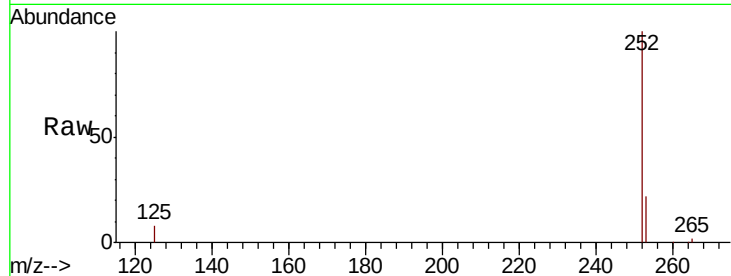




#37
Benzo(b)fluoranthene
Concen: 4.322 ng
RT: 22.91 min Scan# 2353
Delta R.T. -0.00 min
Lab File: BN011606.D
Acq: 24 Aug 2020 20:35

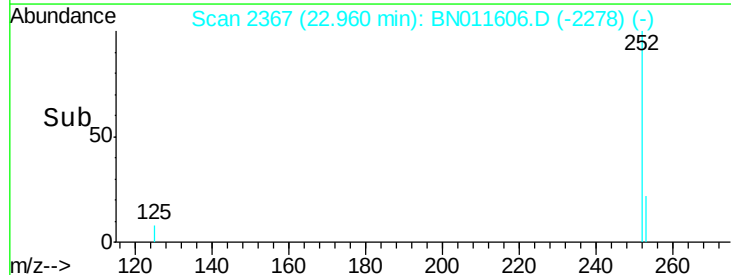
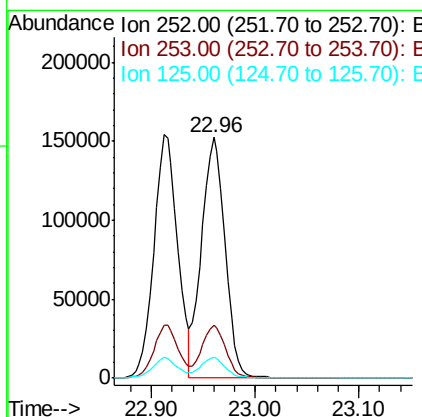
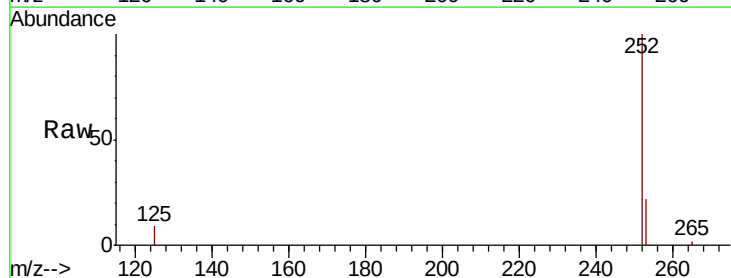
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

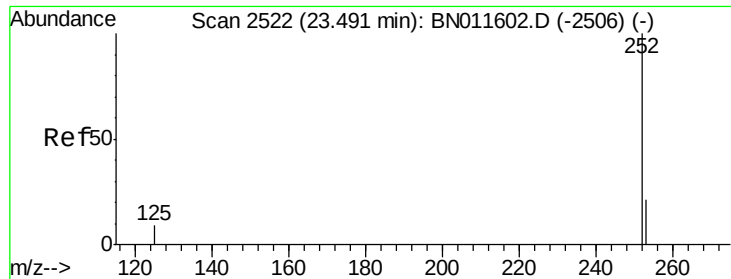
Tot Ion:252 Resp: 243188
Ion Ratio Lower Upper
252 100
253 21.8 21.0 31.6
125 8.5 11.0 16.6#



#38
Benzo(k)fluoranthene
Concen: 3.551 ng
RT: 22.96 min Scan# 2367
Delta R.T. 0.00 min
Lab File: BN011606.D
Acq: 24 Aug 2020 20:35

Tgt Ion:252 Resp: 238079
Ion Ratio Lower Upper
252 100
253 21.8 21.2 31.8
125 8.6 14.6 21.8#





#39

Benzo(a)pyrene

Concen: 4.328 ng

RT: 23.49 min Scan# 2523

Delta R.T. 0.00 min

Lab File: BN011606.D

Acq: 24 Aug 2020 20:35

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

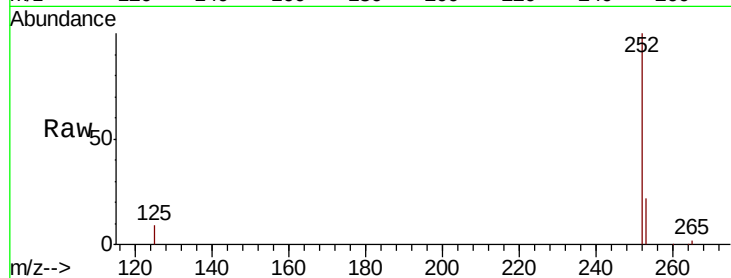
Tot Ion:252 Resp: 225320

Ion Ratio Lower Upper

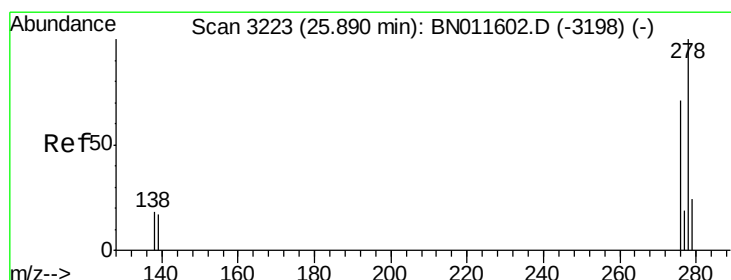
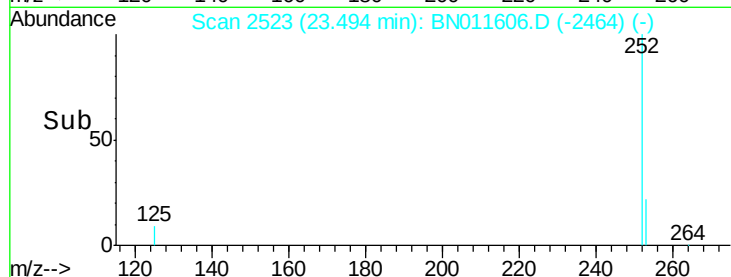
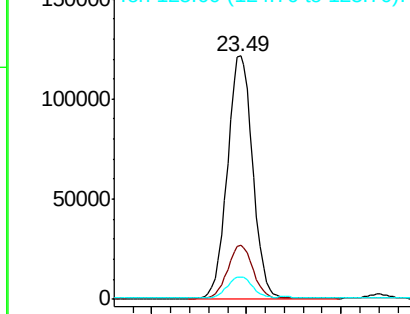
252 100

253 22.1 21.2 31.8

125 9.3 12.1 18.1#



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: 5.303 ng

RT: 25.89 min Scan# 3224

Delta R.T. 0.00 min

Lab File: BN011606.D

Acq: 24 Aug 2020 20:35

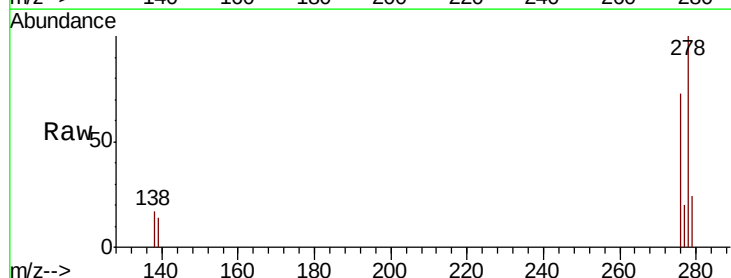
Tgt Ion:278 Resp: 230839

Ion Ratio Lower Upper

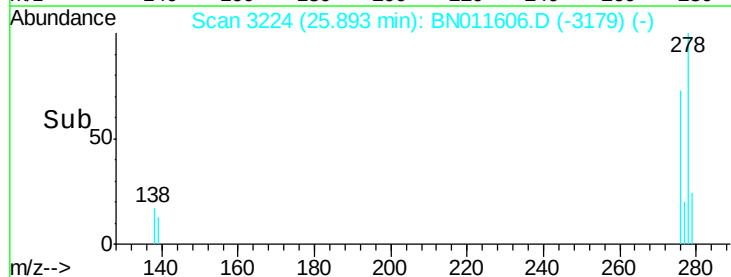
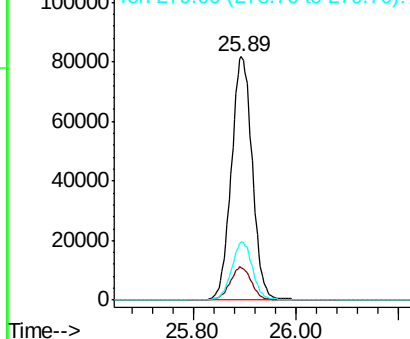
278 100

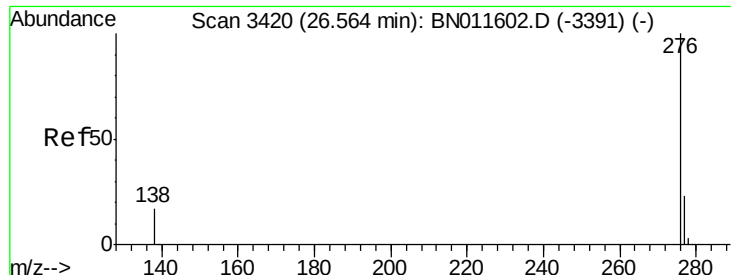
139 13.5 16.6 25.0#

279 23.9 21.4 32.2



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: 4.352 ng

RT: 26.57 min Scan# 3421

Delta R.T. 0.00 min

Lab File: BN011606.D

Acq: 24 Aug 2020 20:35

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

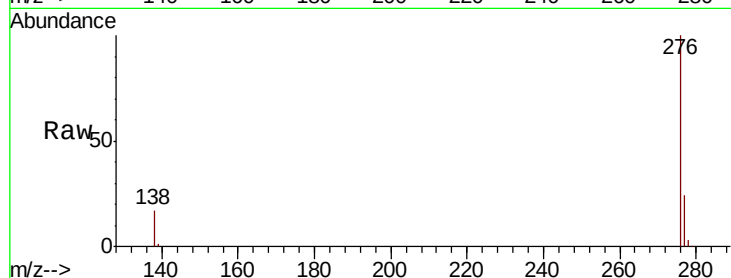
Tot Ion:276 Resp: 225991

Ion Ratio Lower Upper

276 100

277 24.0 20.5 30.7

138 17.2 17.8 26.6#



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

