

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051320\
 Data File : BN010706.D
 Acq On : 13 May 2020 13:09
 Operator : CG/JU
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC3.2

Quant Time: May 13 13:43:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN051320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 13 13:23:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	3307	0.40	ng	0.00
7) Naphthalene-d8	10.33	136	12096	0.40	ng	0.00
13) Acenaphthene-d10	14.19	164	7676	0.40	ng	-0.01
19) Phenanthrene-d10	16.94	188	16260	0.40	ng	-0.01
27) Chrysene-d12	21.15	240	15037	0.40	ng	0.00
34) Perylene-d12	23.32	264	13256	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	20503	2.83	ng	0.00
5) Phenol-d6	6.77	99	26650	2.82	ng	0.00
8) Nitrobenzene-d5	8.71	82	28331	3.35	ng	0.00
11) 2-Methylnaphthalene-d10	11.92	152	64757	3.26	ng	0.00
14) 2,4,6-Tribromophenol	15.70	330	10312	2.85	ng	-0.01
15) 2-Fluorobiphenyl	12.82	172	91395	3.27	ng	0.00
25) Fluoranthene-d10	18.98	212	151951	3.08	ng	0.00
29) Terphenyl-d14	19.60	244	112914	3.28	ng	0.00

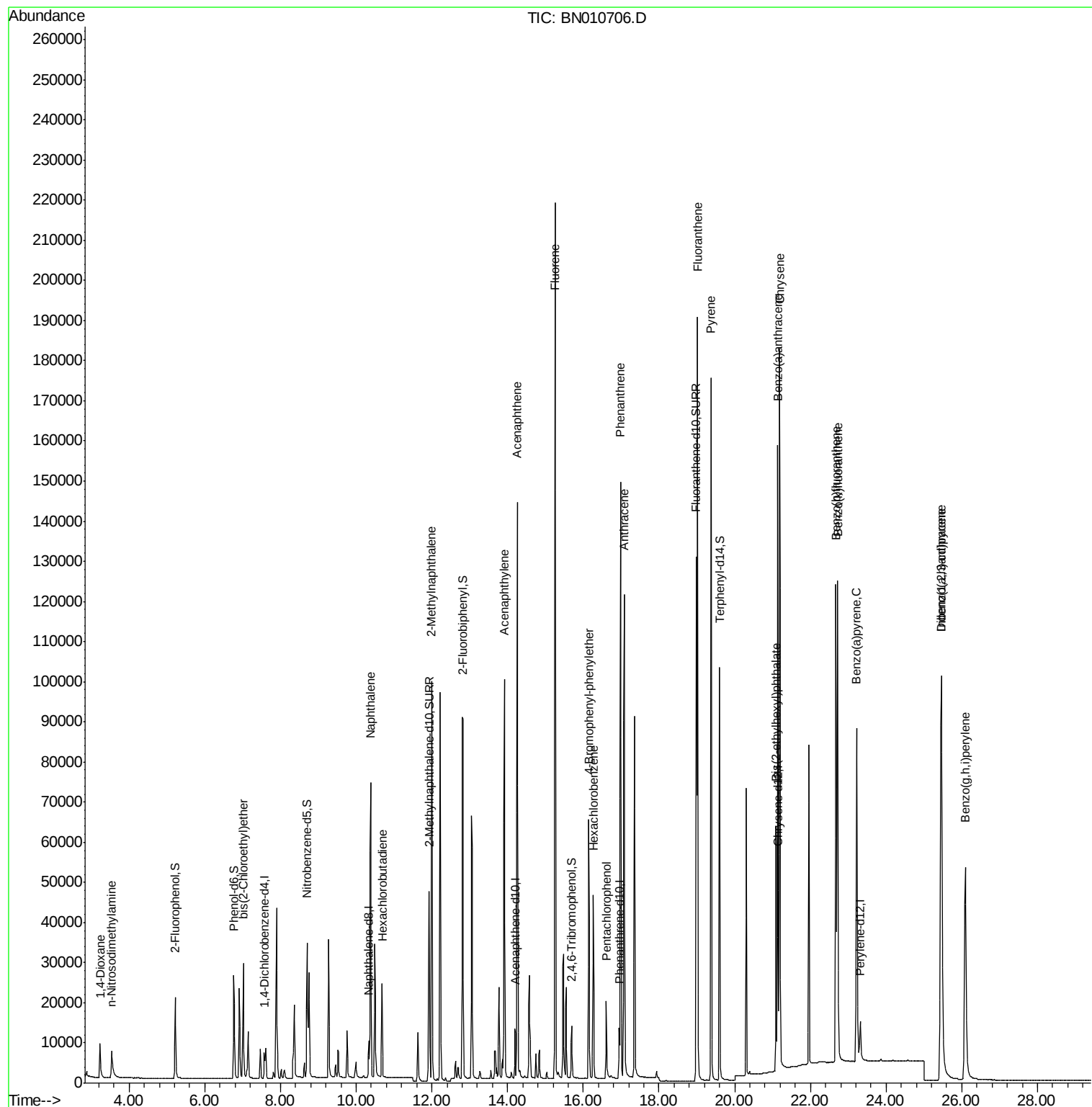
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.23	88	8976	3.687	ng	98
3) n-Nitrosodimethylamine	3.53	42	5881	3.726	ng	# 98
6) bis(2-Chloroethyl)ether	7.02	93	25732	3.137	ng	97
9) Naphthalene	10.38	128	97726	3.253	ng	98
10) Hexachlorobutadiene	10.68	225	21850	3.018	ng	# 99
12) 2-Methylnaphthalene	12.00	142	71029	3.292	ng	98
16) Acenaphthylene	13.91	152	109702	3.309	ng	100
17) Acenaphthene	14.26	154	69081	3.242	ng	99
18) Fluorene	15.25	166	92306	3.308	ng	100
20) 4-Bromophenyl-phenylether	16.15	248	31314	3.467	ng	97
21) Hexachlorobenzene	16.26	284	34044	3.302	ng	99
22) Pentachlorophenol	16.61	266	11821	2.914	ng	98
23) Phenanthrene	16.99	178	148355	3.378	ng	100
24) Anthracene	17.08	178	131505	3.276	ng	100
26) Fluoranthene	19.01	202	172064	3.148	ng	99
28) Pyrene	19.38	202	167779	3.315	ng	100
30) Benzo(a)anthracene	21.13	228	149061	3.039	ng	98
31) Chrysene	21.19	228	153743	3.146	ng	98
32) Bis(2-ethylhexyl)phthalate	21.09	149	62147	2.469	ng	99
33) Indeno(1,2,3-cd)pyrene	25.45	276	141997	3.286	ng	97
35) Benzo(b)fluoranthene	22.68	252	146914	3.366	ng	# 89
36) Benzo(k)fluoranthene	22.72	252	150904	3.451	ng	# 89
37) Benzo(a)pyrene	23.22	252	125649	3.252	ng	# 82
38) Dibenzo(a,h)anthracene	25.46	278	110932	3.141	ng	# 89
39) Benzo(g,h,i)perylene	26.09	276	120957	3.402	ng	97

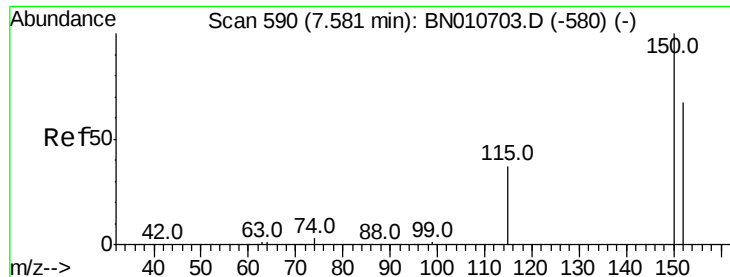
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 13 13:23:01 2020
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.57 min Scan# 589

Delta R.T. -0.01 min

Lab File: BN010706.D

Acq: 13 May 2020 13:09

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

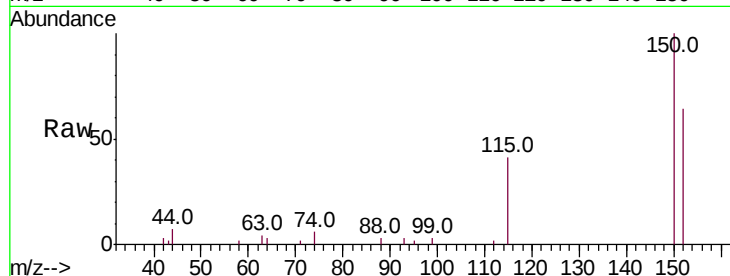
Tot Ion:152 Resp: 3307

Ion Ratio Lower Upper

152 100

150 155.4 119.4 179.0

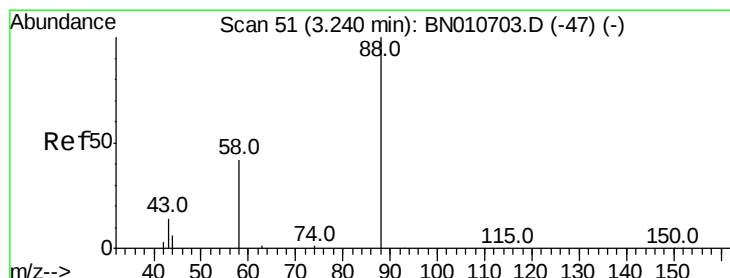
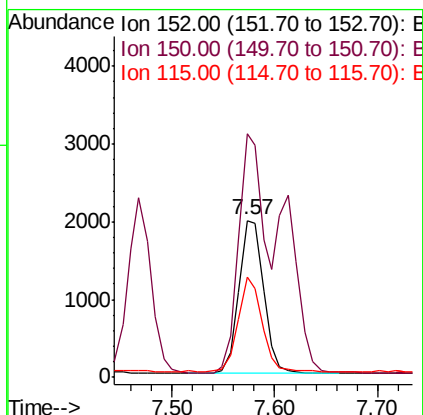
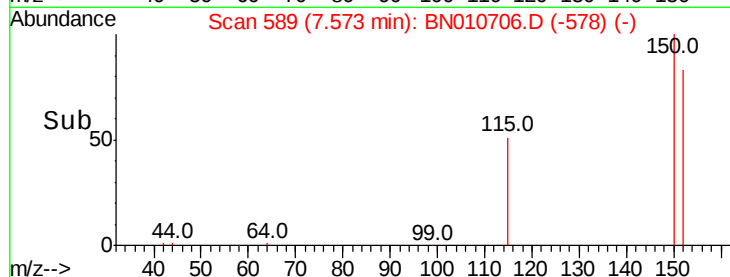
115 63.8 45.9 68.9



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: 3.687 ng

RT: 3.23 min Scan# 50

Delta R.T. -0.01 min

Lab File: BN010706.D

Acq: 13 May 2020 13:09

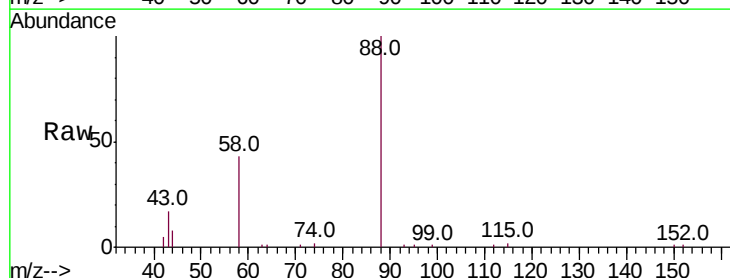
Tgt Ion: 88 Resp: 8976

Ion Ratio Lower Upper

88 100

58 47.3 39.0 58.6

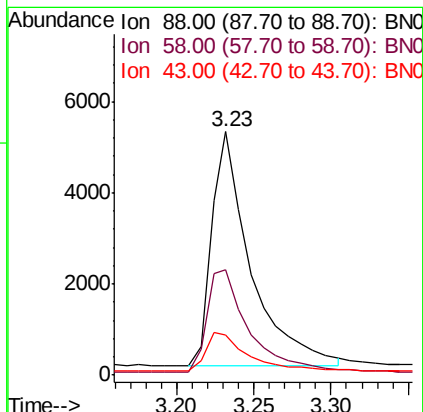
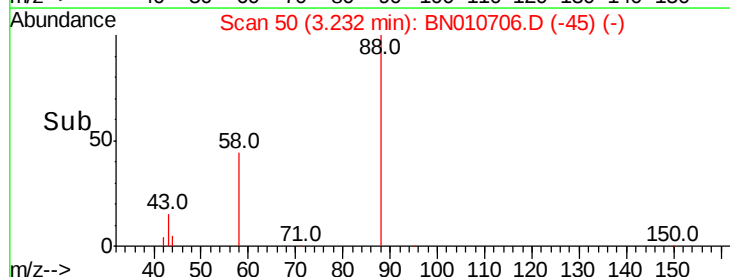
43 17.3 13.1 19.7

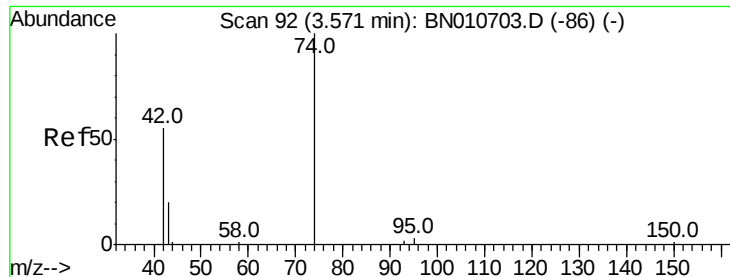


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 3.726 ng

RT: 3.53 min Scan# 87

Delta R.T. -0.04 min

Lab File: BN010706.D

Acq: 13 May 2020 13:09

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

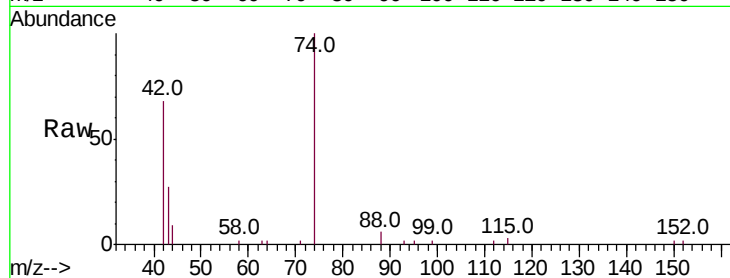
Tot Ion: 42 Resp: 5881

Ion Ratio Lower Upper

42 100

74 185.0 146.2 219.2

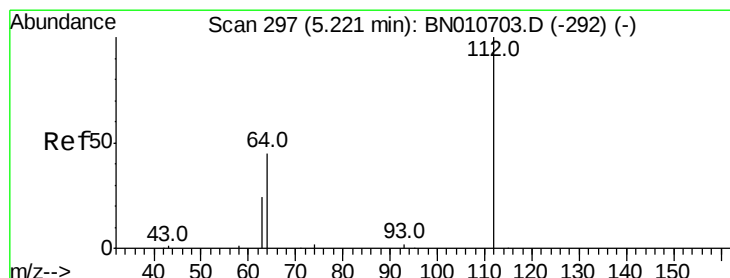
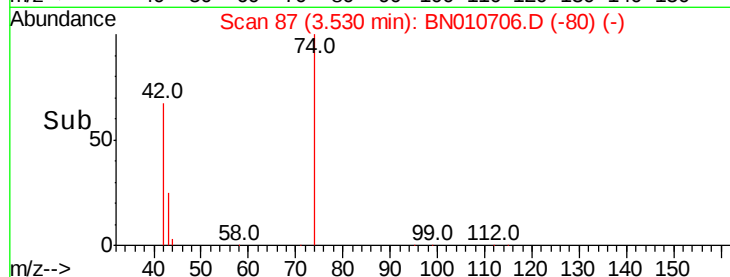
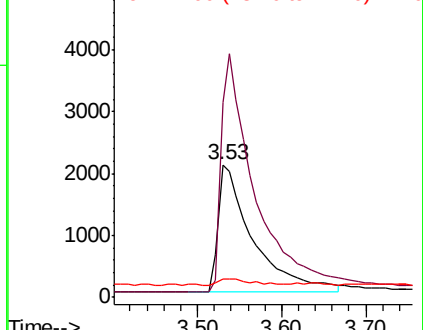
44 5.1 3.0 4.4#



Abundance Ion 42.00 (41.70 to 42.70): BN010703.D (-86) (-)

Ion 74.00 (73.70 to 74.70): BN010703.D (-86) (-)

Ion 44.00 (43.70 to 44.70): BN010703.D (-86) (-)



#4

2-Fluorophenol

Concen: 2.831 ng

RT: 5.22 min Scan# 297

Delta R.T. -0.00 min

Lab File: BN010706.D

Acq: 13 May 2020 13:09

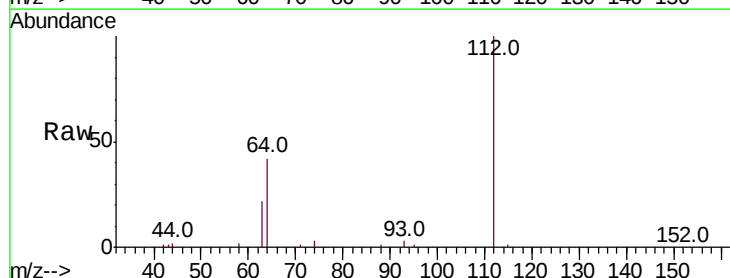
Tgt Ion: 112 Resp: 20503

Ion Ratio Lower Upper

112 100

64 45.6 36.2 54.4

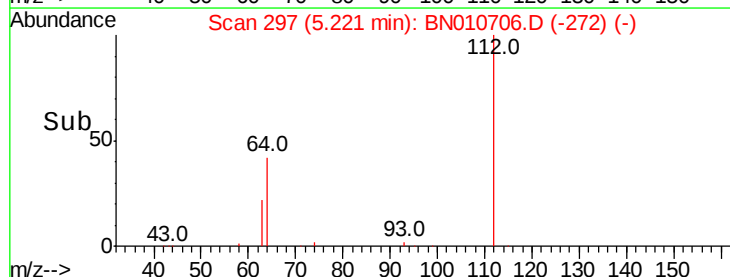
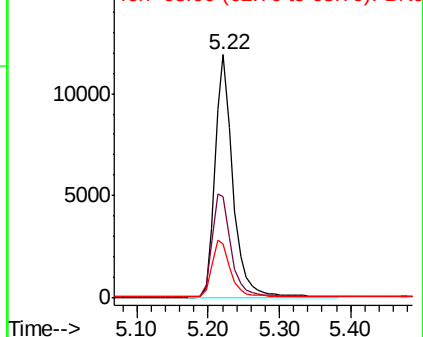
63 24.6 19.8 29.8

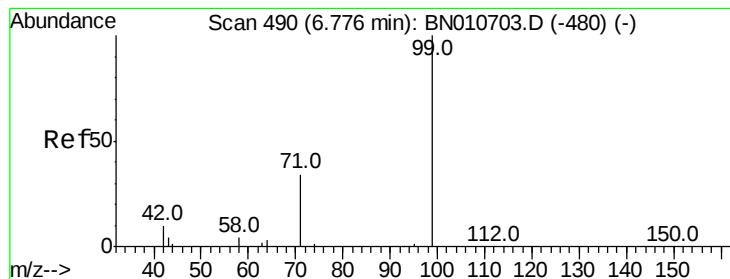


Abundance Ion 112.00 (111.70 to 112.70): BN010703.D (-292) (-)

Ion 64.00 (63.70 to 64.70): BN010703.D (-292) (-)

Ion 63.00 (62.70 to 63.70): BN010703.D (-292) (-)





#5

Phenol-d6

Concen: 2.816 ng

RT: 6.77 min Scan# 489

Delta R.T. -0.01 min

Lab File: BN010706.D

Acq: 13 May 2020 13:09

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

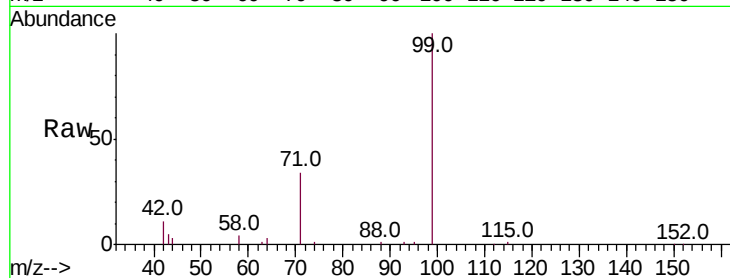
Tot Ion: 99 Resp: 26650

Ion Ratio Lower Upper

99 100

42 12.6 9.8 14.8

71 35.7 28.6 42.8

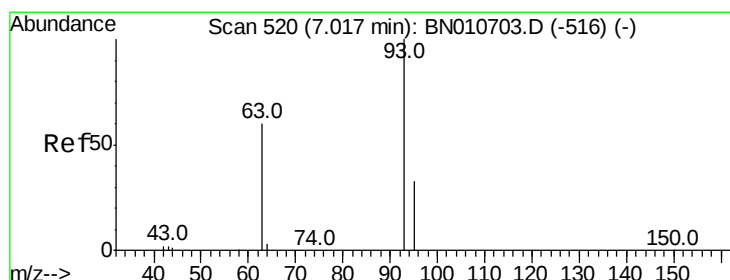
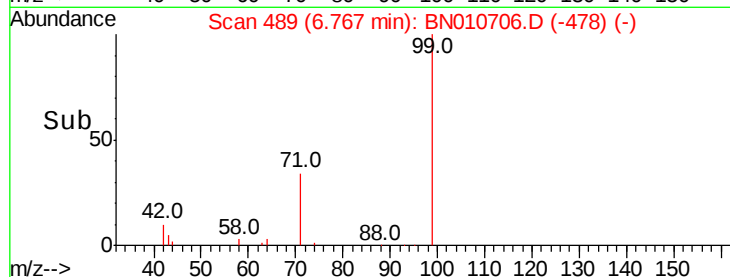


Abundance Ion 99.00 (98.70 to 99.70): BN010706.D (-478) (-)

Ion 42.00 (41.70 to 42.70): BN010706.D (-478) (-)

Ion 71.00 (70.70 to 71.70): BN010706.D (-478) (-)

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 3.137 ng

RT: 7.02 min Scan# 520

Delta R.T. -0.00 min

Lab File: BN010706.D

Acq: 13 May 2020 13:09

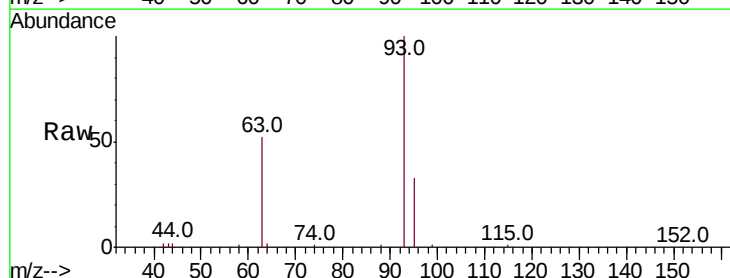
Tgt Ion: 93 Resp: 25732

Ion Ratio Lower Upper

93 100

63 56.3 43.1 64.7

95 31.6 24.6 37.0

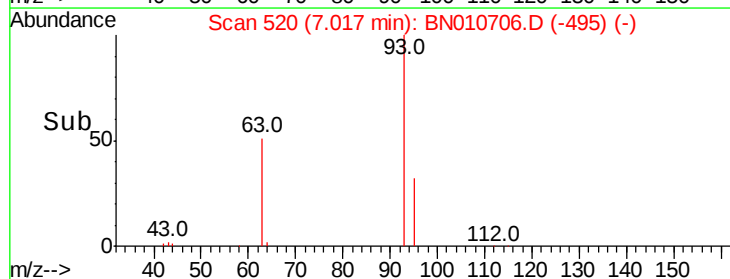


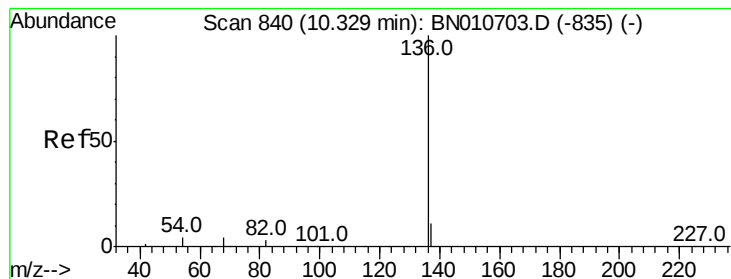
Abundance Ion 93.00 (92.70 to 93.70): BN010706.D (-495) (-)

Ion 63.00 (62.70 to 63.70): BN010706.D (-495) (-)

Ion 95.00 (94.70 to 95.70): BN010706.D (-495) (-)

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.33 min Scan# 840

Delta R.T. -0.00 min

Lab File: BN010706.D

Acq: 13 May 2020 13:09

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

Tot Ion:136 Resp: 12096

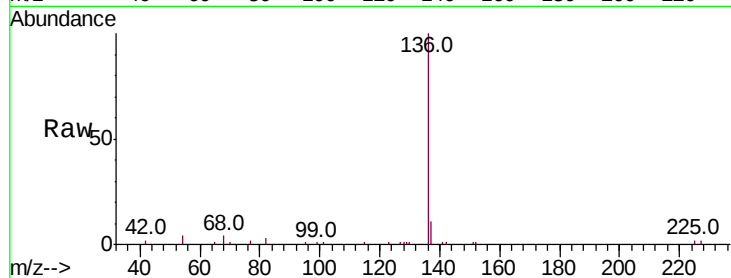
Ion Ratio Lower Upper

136 100

137 11.4 9.2 13.8

54 3.8 3.6 5.4

68 4.4 4.1 6.1

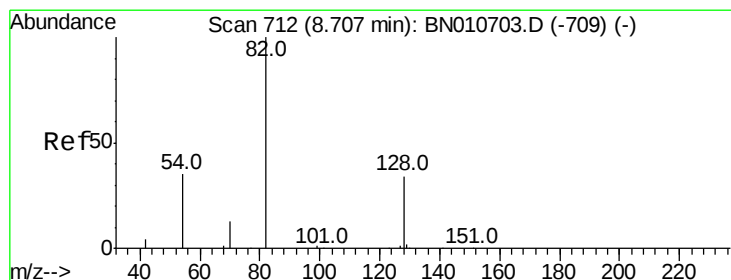
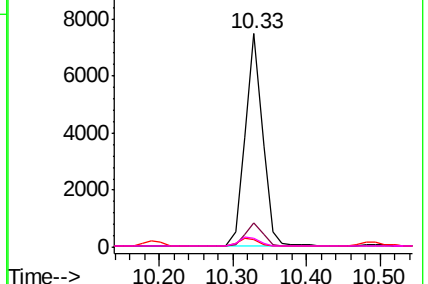
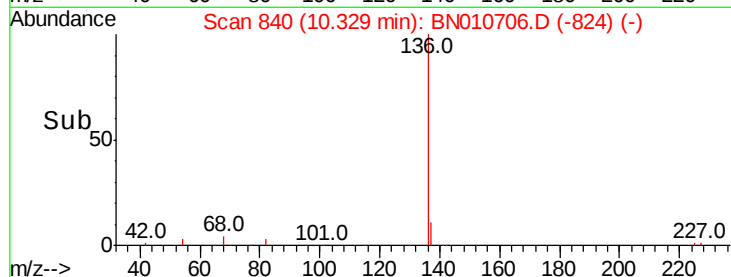


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 3.350 ng

RT: 8.71 min Scan# 712

Delta R.T. -0.00 min

Lab File: BN010706.D

Acq: 13 May 2020 13:09

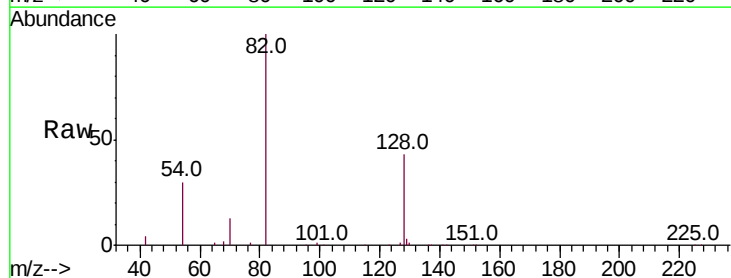
Tgt Ion: 82 Resp: 28331

Ion Ratio Lower Upper

82 100

128 42.6 29.0 43.4

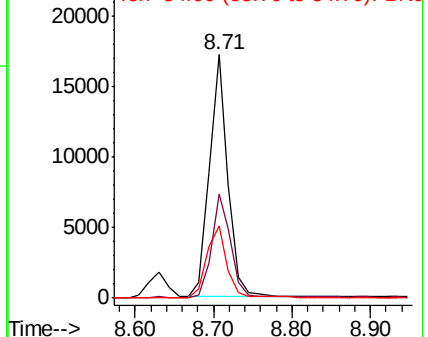
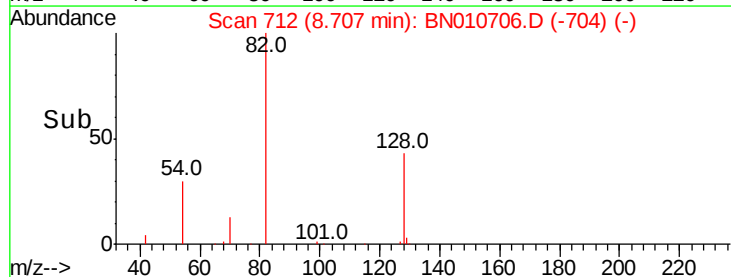
54 29.6 29.3 43.9

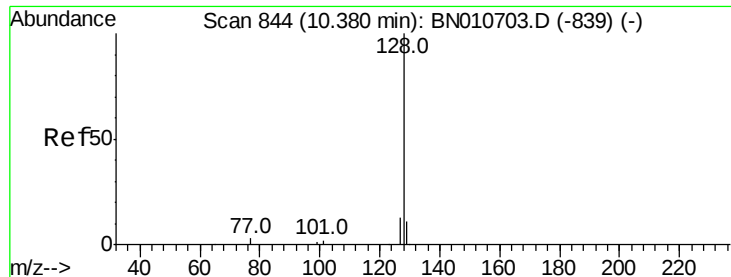


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 3.253 ng

RT: 10.38 min Scan# 844

Delta R.T. -0.00 min

Lab File: BN010706.D

Acq: 13 May 2020 13:09

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

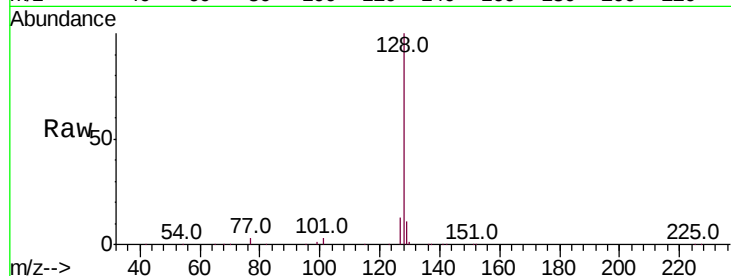
Tot Ion:128 Resp: 97726

Ion Ratio Lower Upper

128 100

129 11.0 9.3 13.9

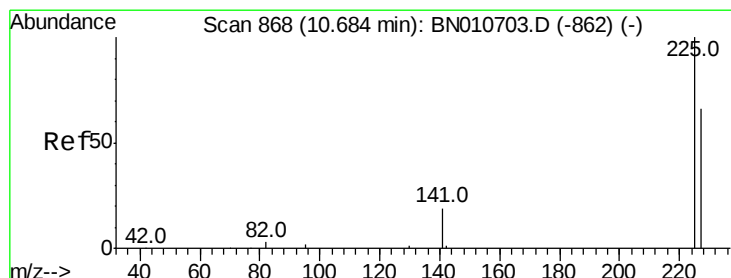
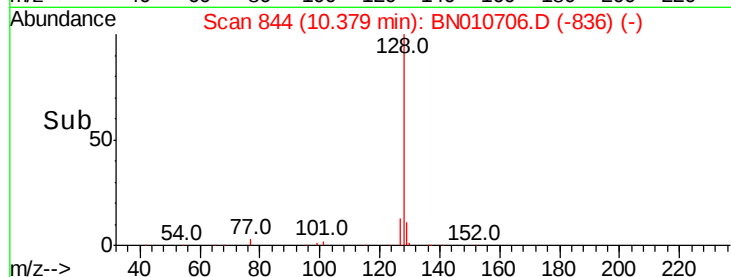
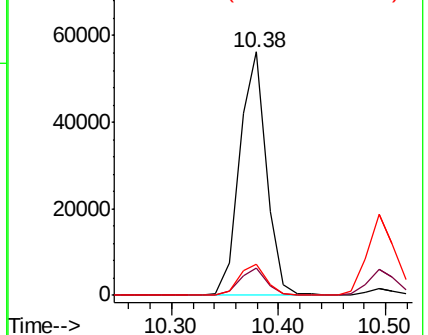
127 13.0 11.0 16.6



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: 3.018 ng

RT: 10.68 min Scan# 868

Delta R.T. -0.00 min

Lab File: BN010706.D

Acq: 13 May 2020 13:09

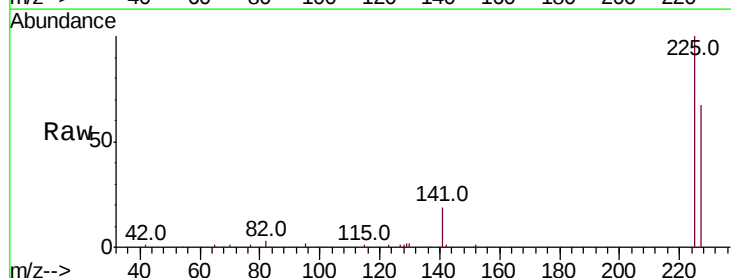
Tgt Ion:225 Resp: 21850

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

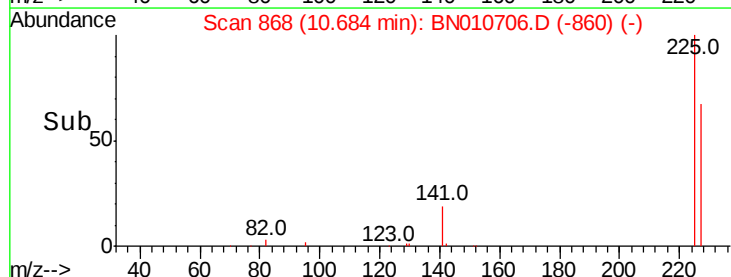
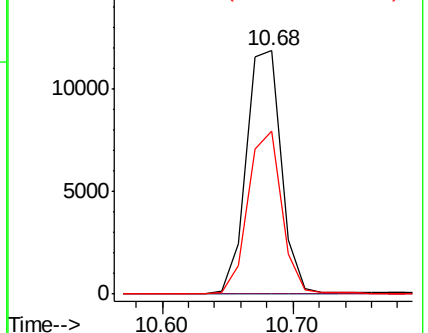
227 64.2 50.7 76.1

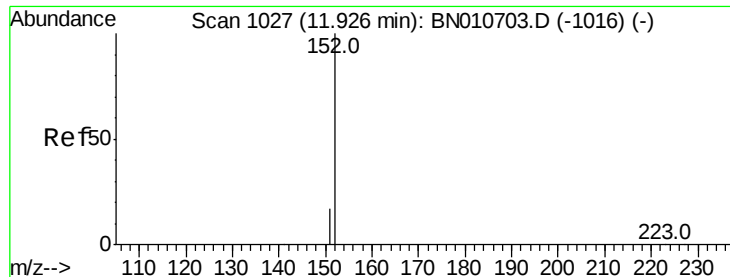


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 3.257 ng

RT: 11.92 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BN010706.D

Acq: 13 May 2020 13:09

Instrument :

BNA_N

ClientSampleId :

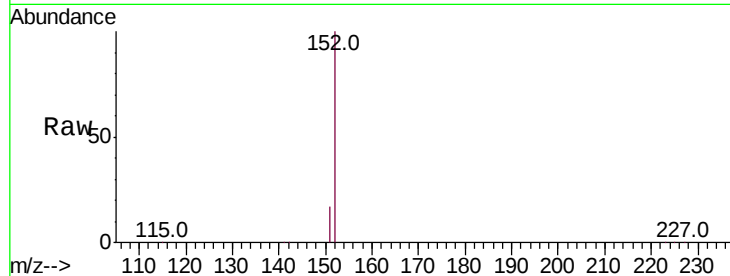
SSTDICC3.2

Tot Ion:152 Resp: 64757

Ion Ratio Lower Upper

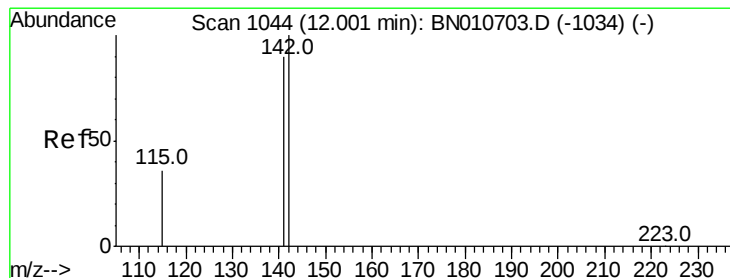
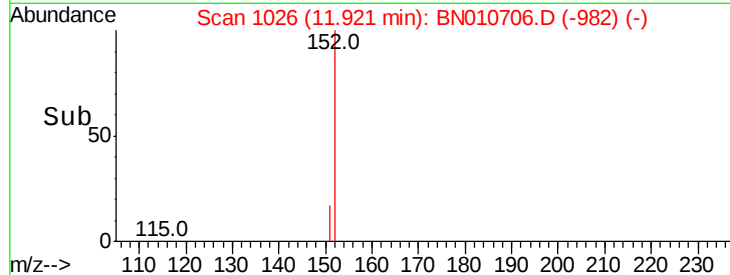
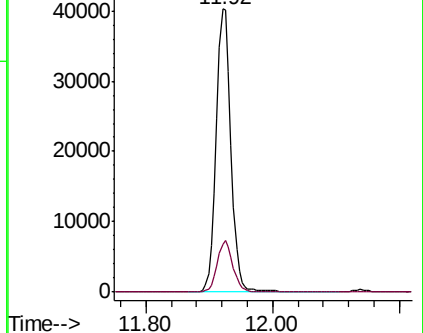
152 100

151 19.2 15.0 22.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 3.292 ng

RT: 12.00 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BN010706.D

Acq: 13 May 2020 13:09

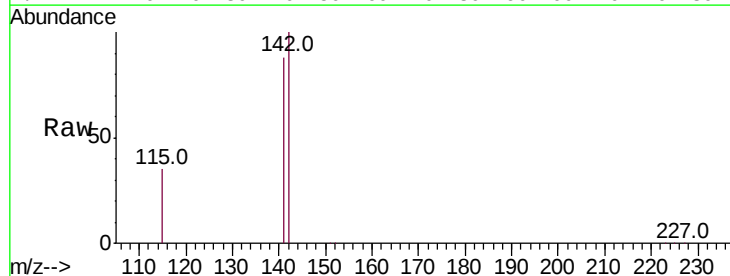
Tgt Ion:142 Resp: 71029

Ion Ratio Lower Upper

142 100

141 88.4 71.7 107.5

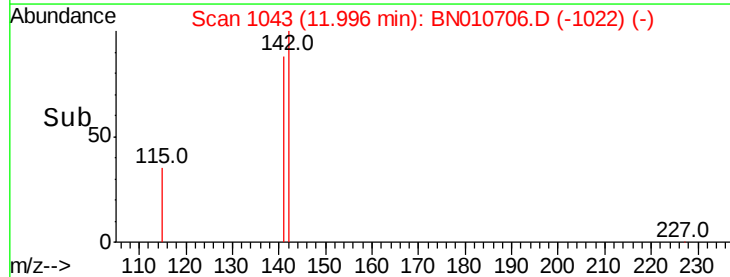
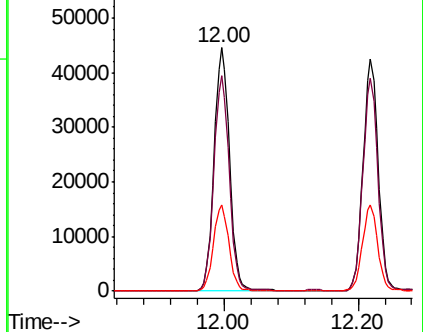
115 35.4 29.8 44.6

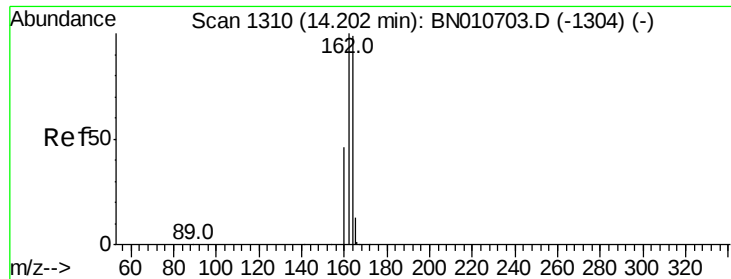


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.19 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BN010706.D

Acq: 13 May 2020 13:09

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

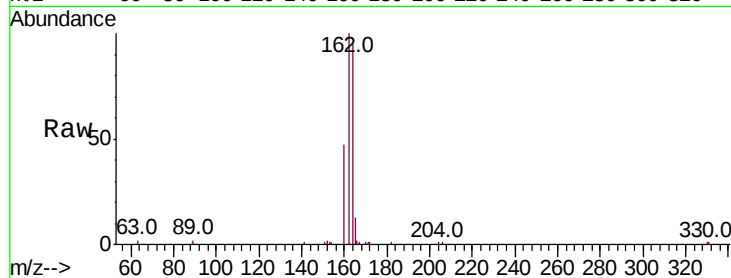
Tot Ion:164 Resp: 7676

Ion Ratio Lower Upper

164 100

162 105.5 81.1 121.7

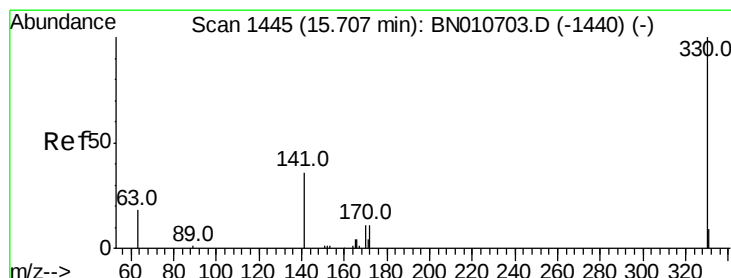
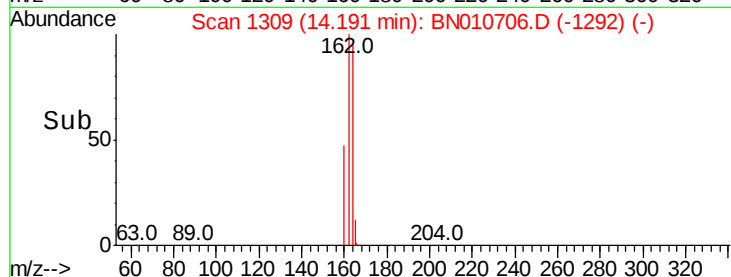
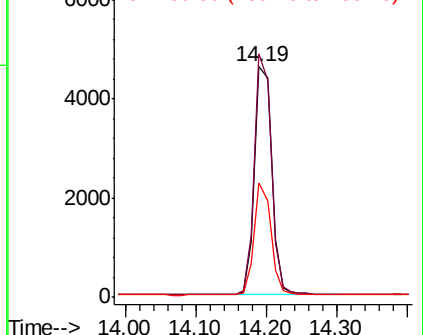
160 49.7 37.9 56.9



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: 2.850 ng

RT: 15.70 min Scan# 1444

Delta R.T. -0.01 min

Lab File: BN010706.D

Acq: 13 May 2020 13:09

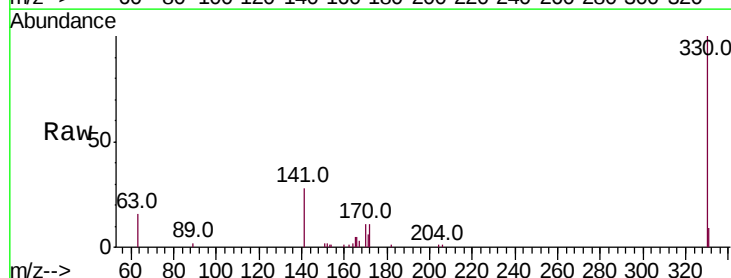
Tgt Ion:330 Resp: 10312

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

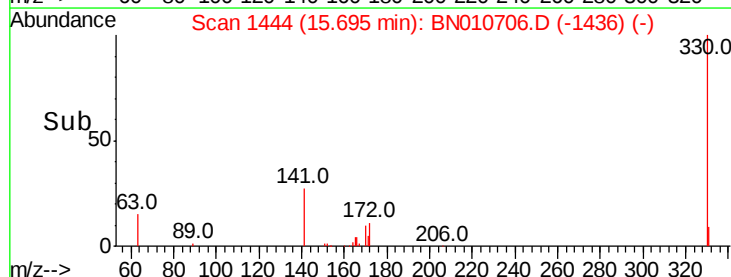
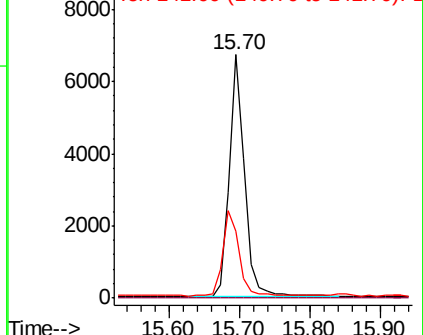
141 37.1 28.8 43.2

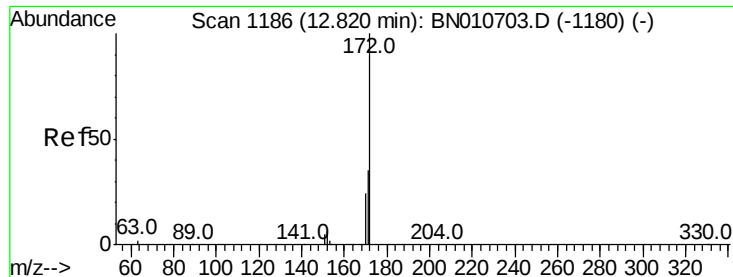


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

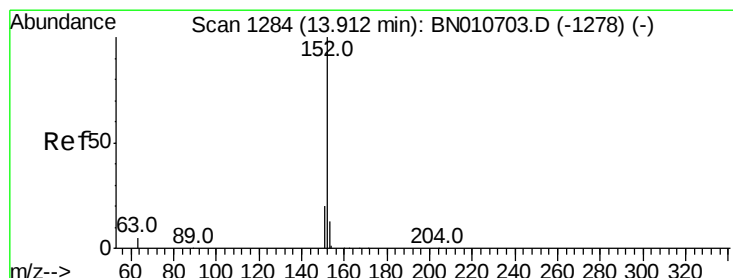
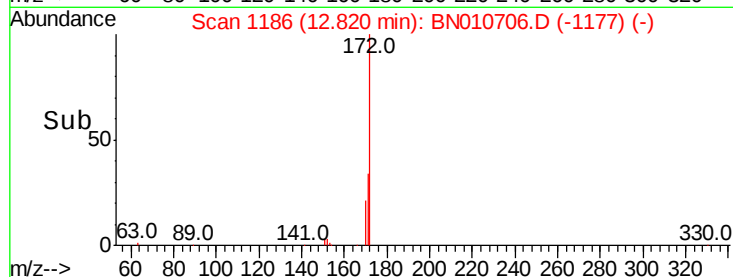
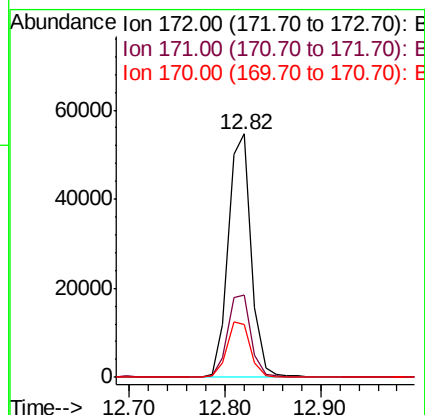
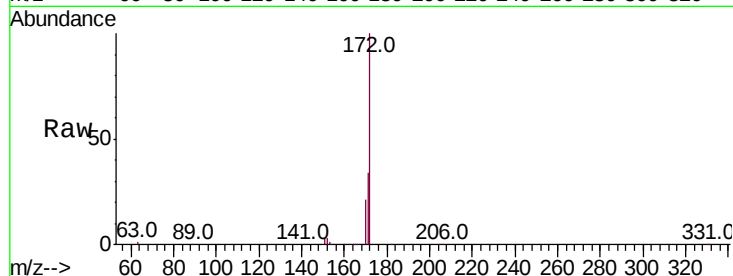




#15
2-Fluorobiphenyl
Concen: 3.272 ng
RT: 12.82 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BN010706.D
Acq: 13 May 2020 13:09

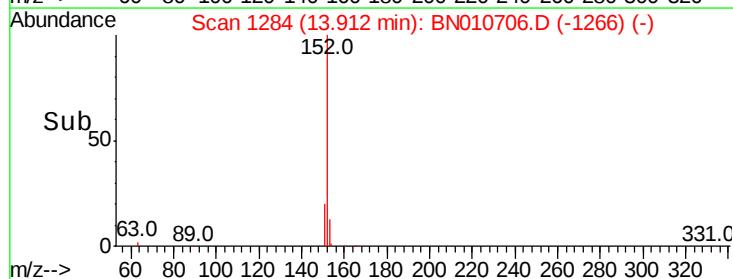
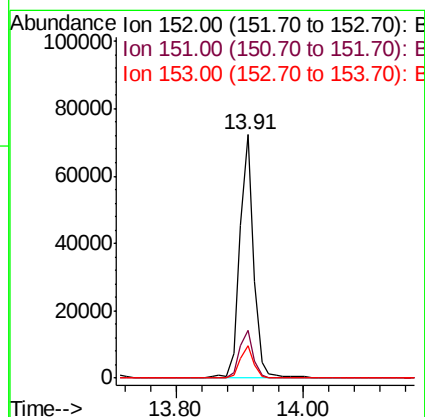
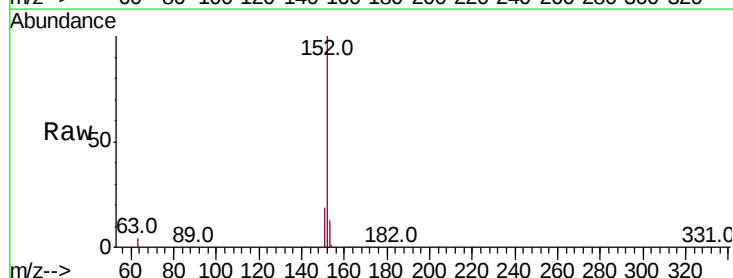
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

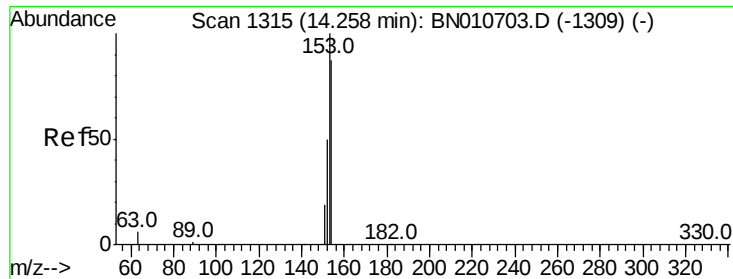
Tot Ion	Ratio	Lower	Upper
172	100		
171	33.6	28.6	42.8
170	21.5	19.8	29.8



#16
Acenaphthylene
Concen: 3.309 ng
RT: 13.91 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BN010706.D
Acq: 13 May 2020 13:09

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.6	23.4
153	13.0	10.4	15.6





#17

Acenaphthene

Concen: 3.242 ng

RT: 14.26 min Scan# 1315

Delta R.T. -0.00 min

Lab File: BN010706.D

Acq: 13 May 2020 13:09

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

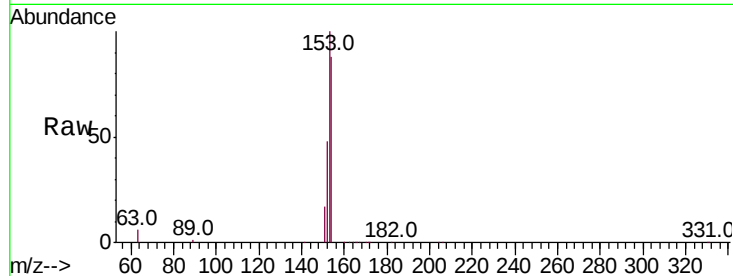
Tot Ion:154 Resp: 69081

Ion Ratio Lower Upper

154 100

153 114.0 91.5 137.3

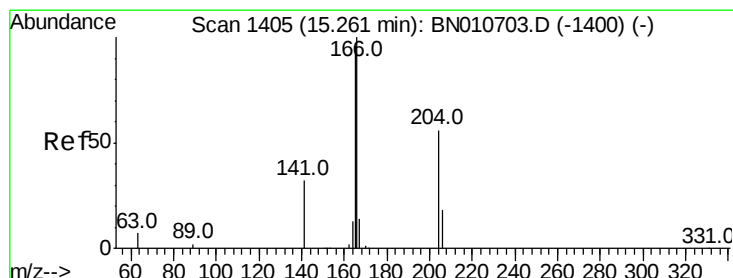
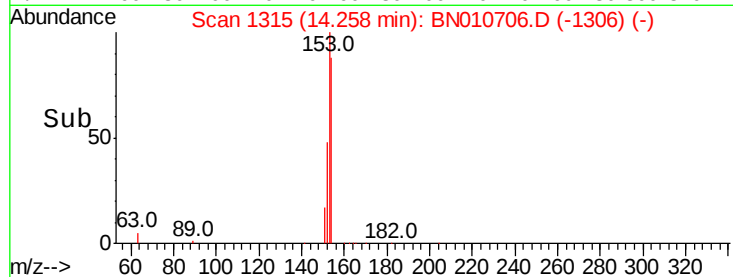
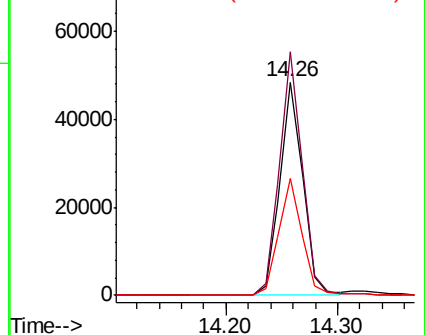
152 55.5 45.6 68.4



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: 3.308 ng

RT: 15.25 min Scan# 1404

Delta R.T. -0.01 min

Lab File: BN010706.D

Acq: 13 May 2020 13:09

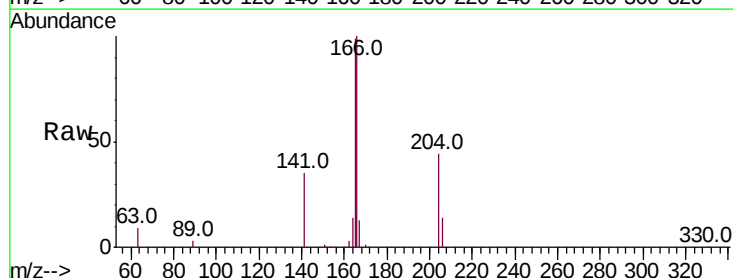
Tgt Ion:166 Resp: 92306

Ion Ratio Lower Upper

166 100

165 97.7 77.9 116.9

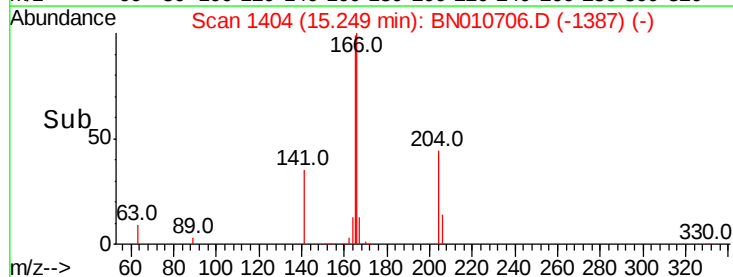
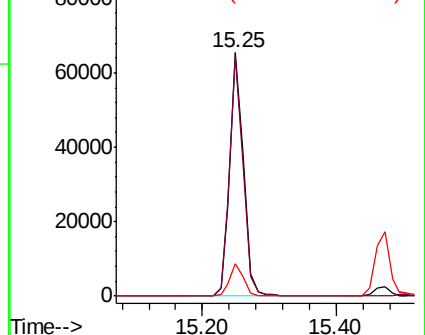
167 13.6 11.0 16.4

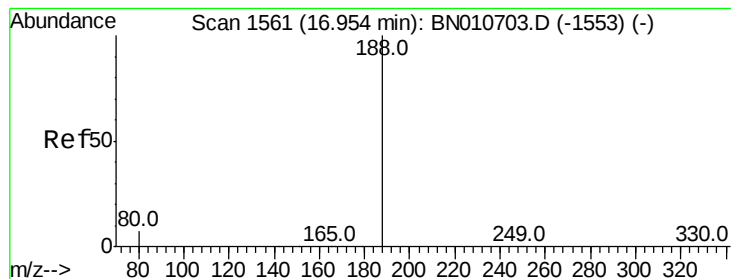


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.94 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BN010706.D

Acq: 13 May 2020 13:09

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

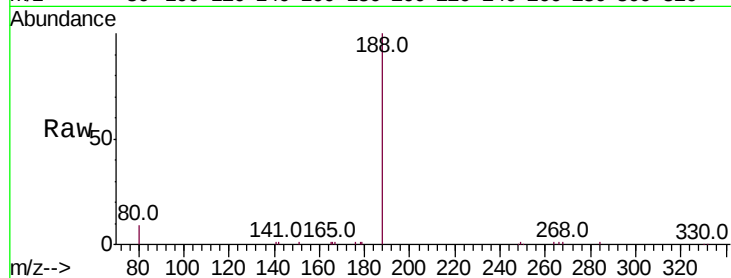
Tot Ion:188 Resp: 16260

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

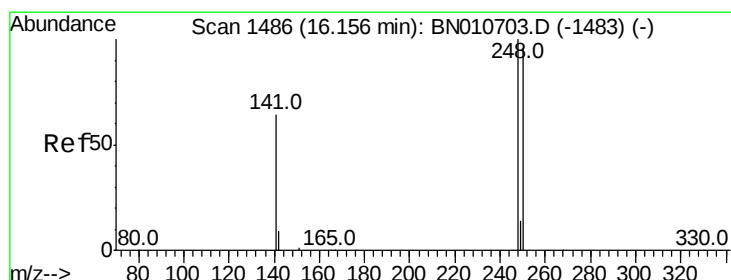
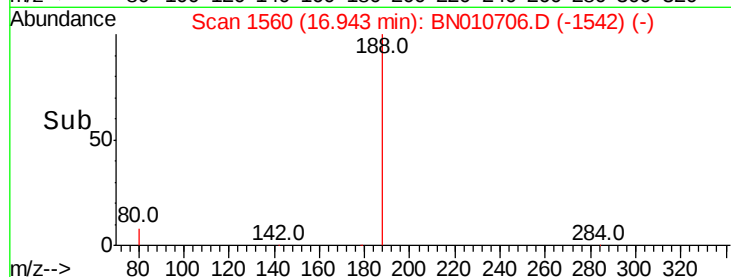
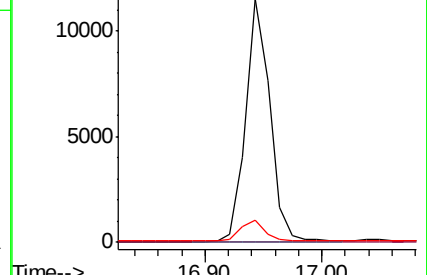
80 9.0 6.3 9.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNO

Ion 80.00 (79.70 to 80.70): BNO



#20

4-Bromophenyl-phenylether

Concen: 3.467 ng

RT: 16.15 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BN010706.D

Acq: 13 May 2020 13:09

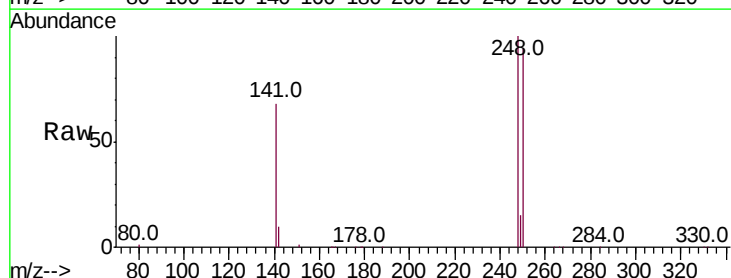
Tgt Ion:248 Resp: 31314

Ion Ratio Lower Upper

248 100

250 93.9 77.4 116.0

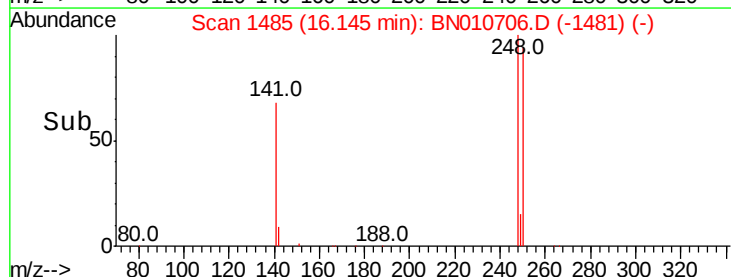
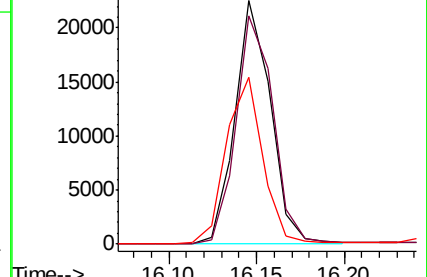
141 68.3 53.1 79.7

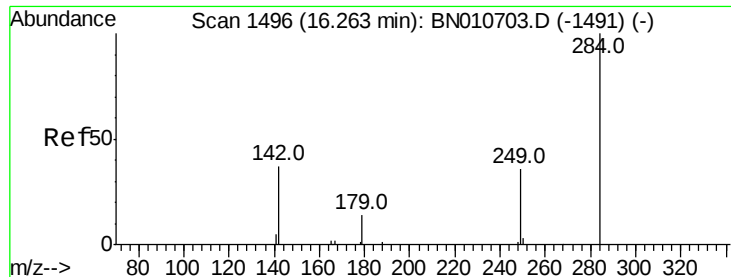


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 3.302 ng

RT: 16.26 min Scan# 1496

Delta R.T. -0.00 min

Lab File: BN010706.D

Acq: 13 May 2020 13:09

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

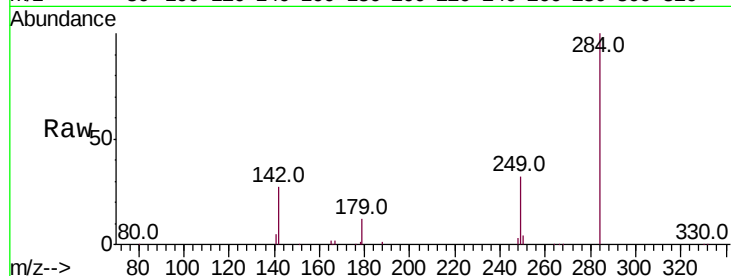
Tot Ion:284 Resp: 34044

Ion Ratio Lower Upper

284 100

142 34.4 28.2 42.2

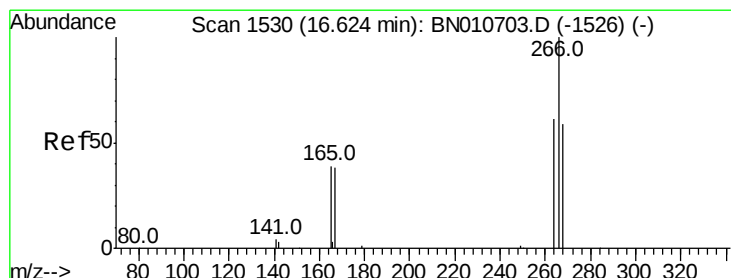
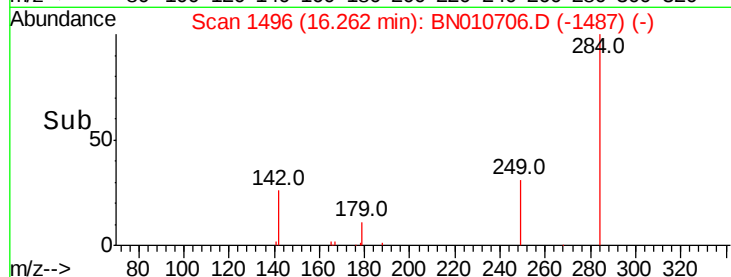
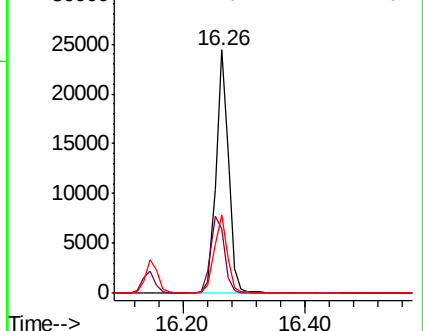
249 32.9 26.4 39.6



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 2.914 ng

RT: 16.61 min Scan# 1529

Delta R.T. -0.01 min

Lab File: BN010706.D

Acq: 13 May 2020 13:09

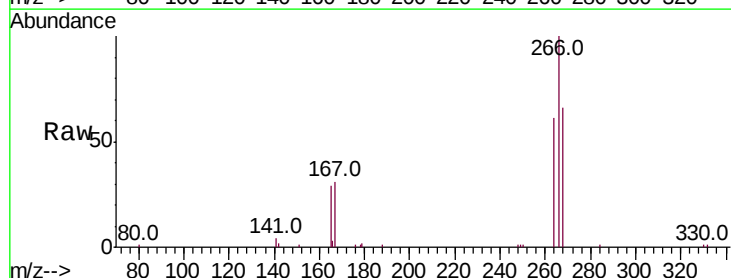
Tgt Ion:266 Resp: 11821

Ion Ratio Lower Upper

266 100

264 61.4 51.1 76.7

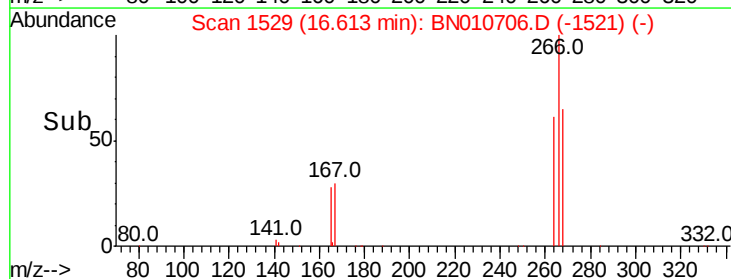
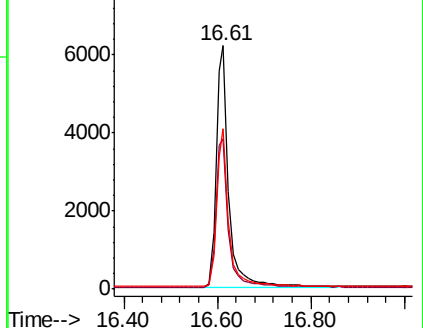
268 65.8 52.1 78.1

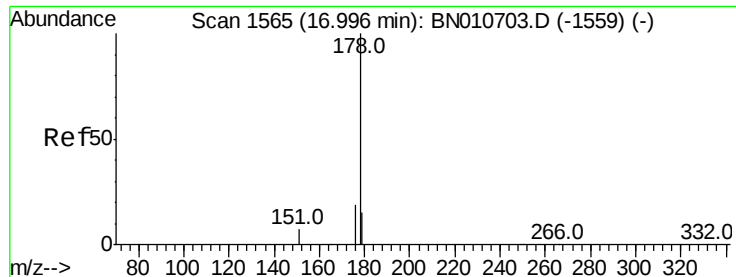


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 3.378 ng

RT: 16.99 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BN010706.D

Acq: 13 May 2020 13:09

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

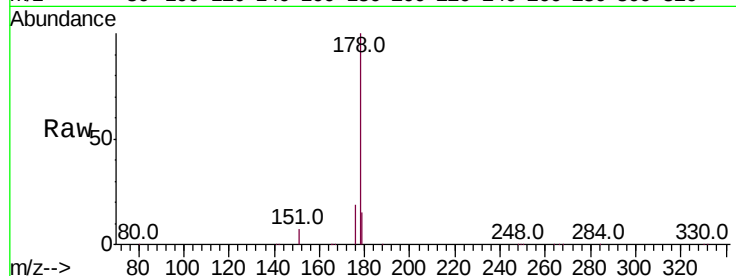
Tot Ion:178 Resp: 148355

Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

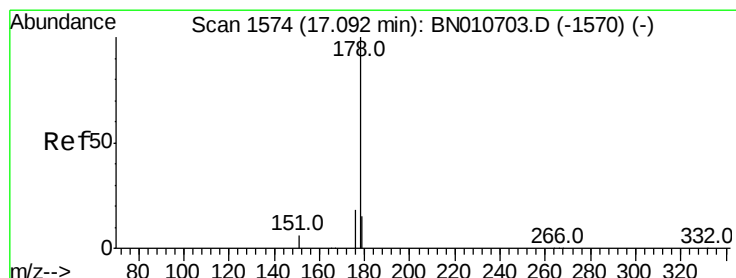
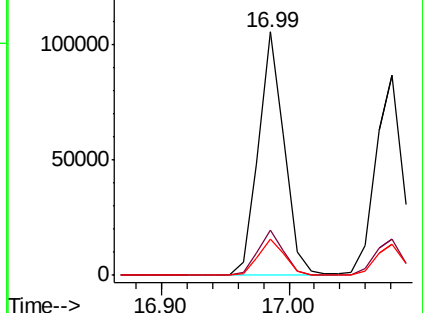
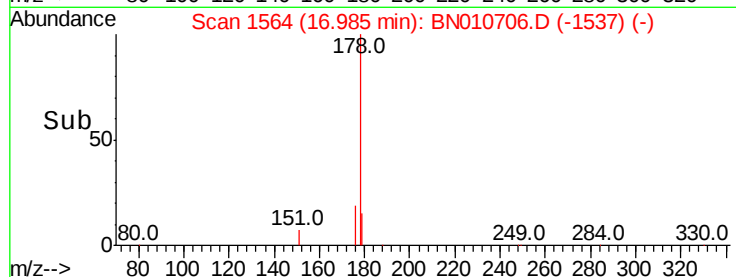
179 15.2 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 3.276 ng

RT: 17.08 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BN010706.D

Acq: 13 May 2020 13:09

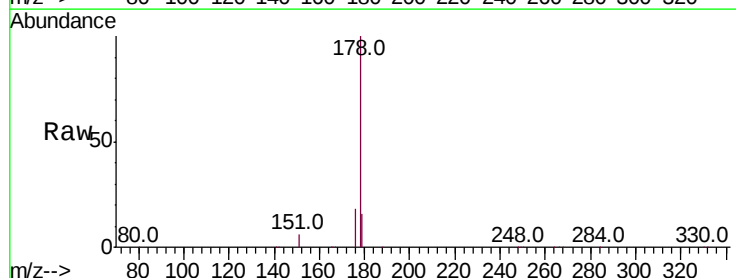
Tgt Ion:178 Resp: 131505

Ion Ratio Lower Upper

178 100

176 18.2 14.7 22.1

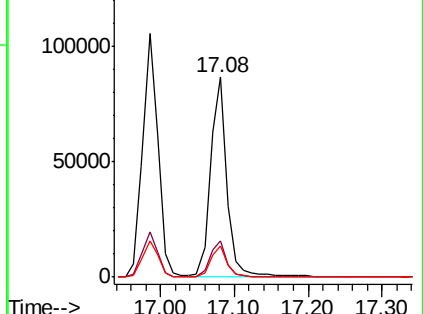
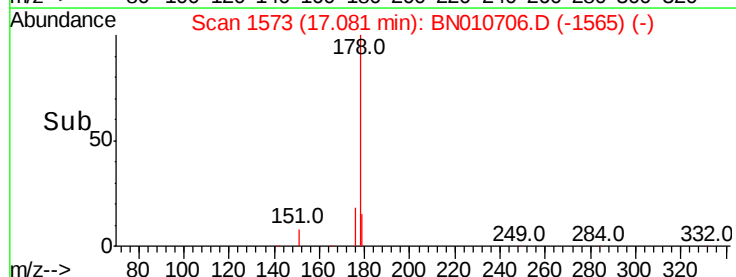
179 15.3 12.3 18.5

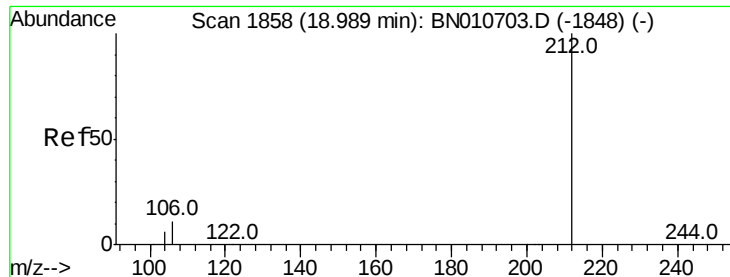


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 3.082 ng

RT: 18.98 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BN010706.D

Acq: 13 May 2020 13:09

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

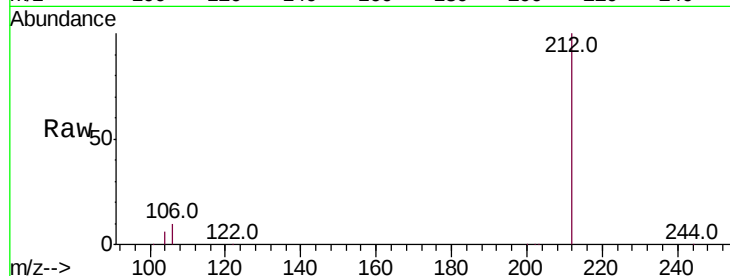
Tot Ion:212 Resp: 151951

Ion Ratio Lower Upper

212 100

106 10.2 8.2 12.2

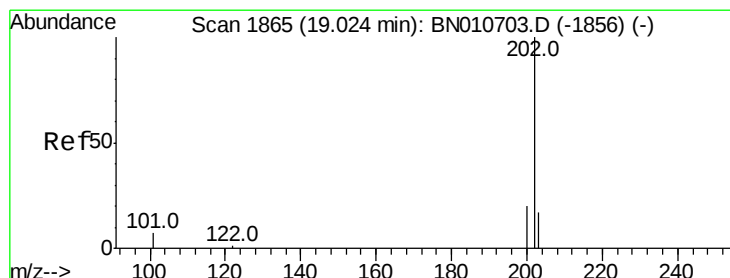
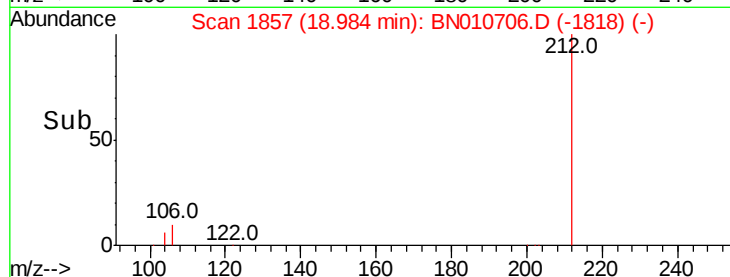
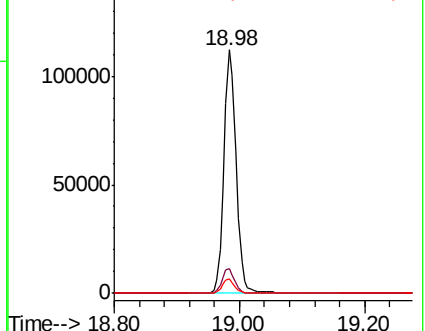
104 5.8 4.7 7.1



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 3.148 ng

RT: 19.01 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BN010706.D

Acq: 13 May 2020 13:09

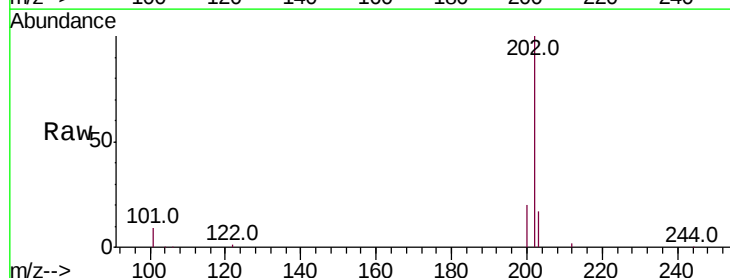
Tgt Ion:202 Resp: 172064

Ion Ratio Lower Upper

202 100

101 8.8 6.7 10.1

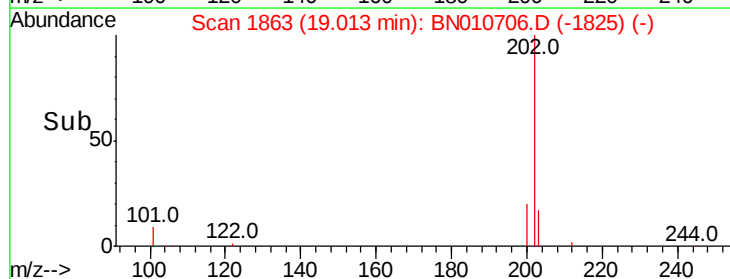
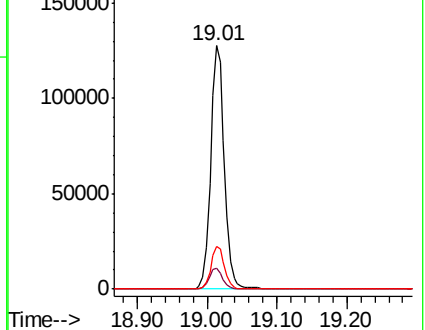
203 17.3 13.4 20.0

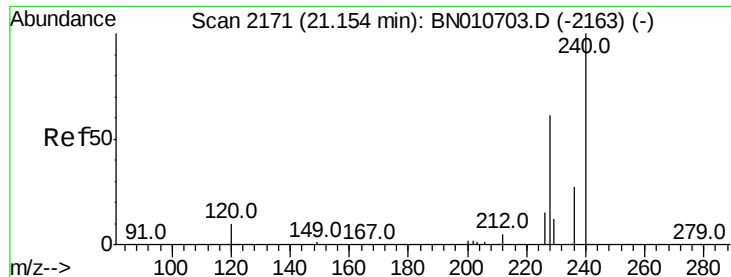


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.15 min Scan# 2171

Delta R.T. -0.00 min

Lab File: BN010706.D

Acq: 13 May 2020 13:09

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

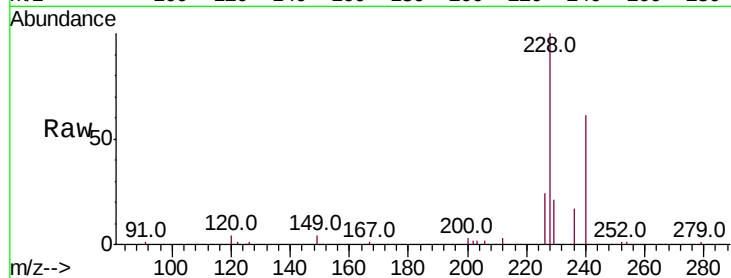
Tot Ion:240 Resp: 15037

Ion Ratio Lower Upper

240 100

120 7.2 9.5 14.3#

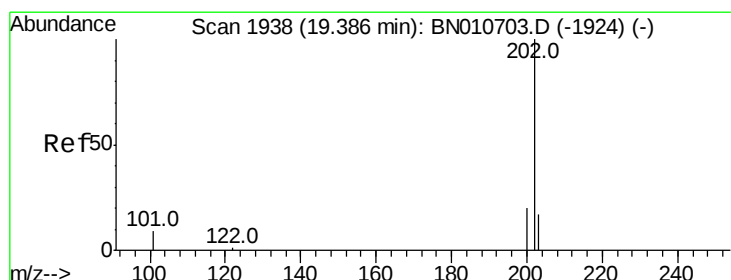
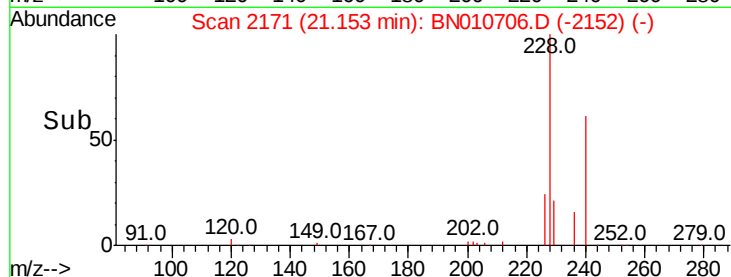
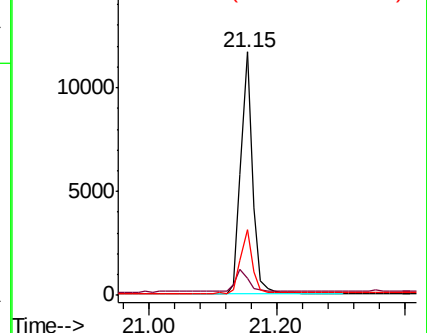
236 27.2 22.5 33.7



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



#28

Pyrene

Concen: 3.315 ng

RT: 19.38 min Scan# 1937

Delta R.T. -0.01 min

Lab File: BN010706.D

Acq: 13 May 2020 13:09

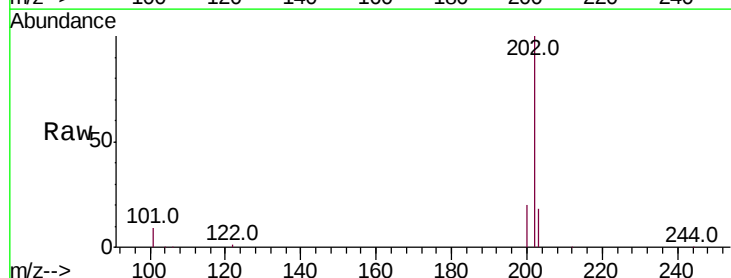
Tgt Ion:202 Resp: 167779

Ion Ratio Lower Upper

202 100

200 20.4 16.2 24.4

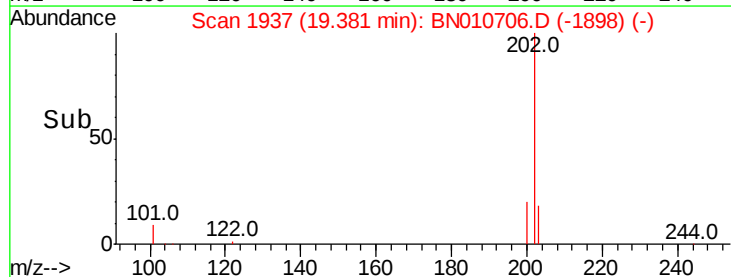
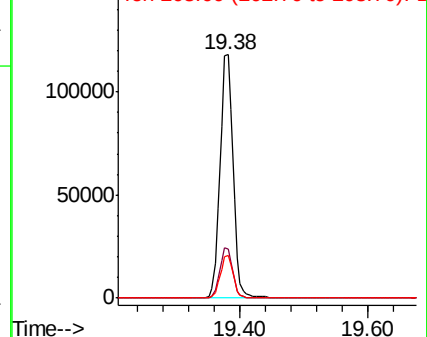
203 17.4 14.1 21.1

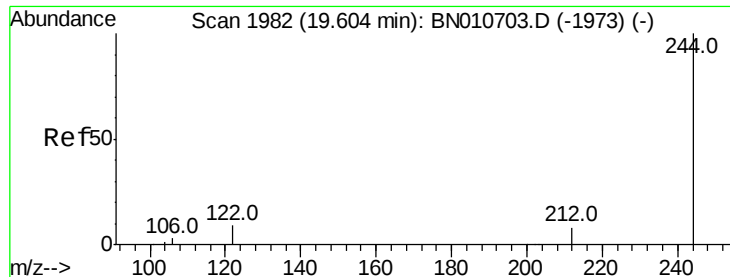


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 3.281 ng

RT: 19.60 min Scan# 1981

Delta R.T. -0.01 min

Lab File: BN010706.D

Acq: 13 May 2020 13:09

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

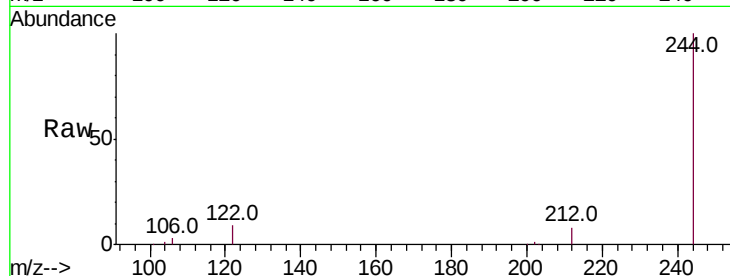
Tot Ion:244 Resp: 112914

Ion Ratio Lower Upper

244 100

212 7.6 6.8 10.2

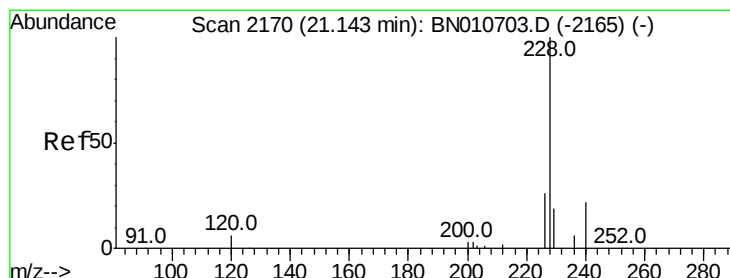
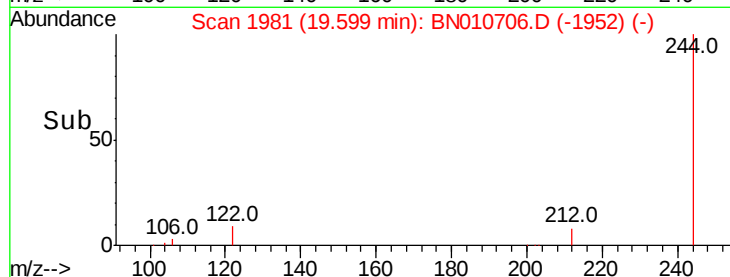
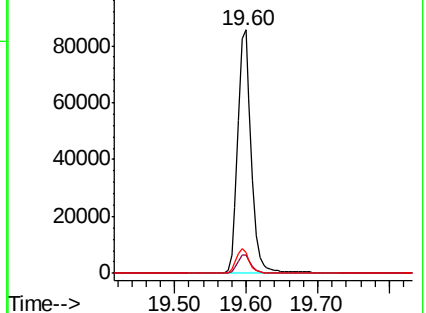
122 8.7 8.1 12.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 3.039 ng

RT: 21.13 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BN010706.D

Acq: 13 May 2020 13:09

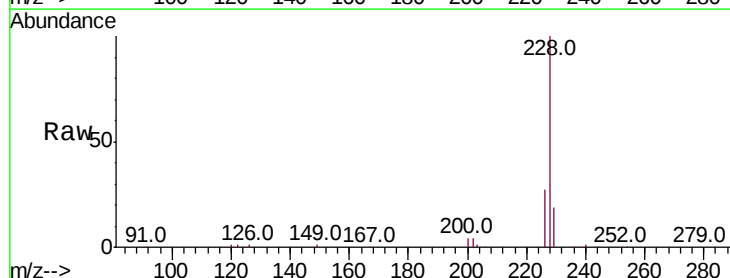
Tgt Ion:228 Resp: 149061

Ion Ratio Lower Upper

228 100

226 27.3 21.3 31.9

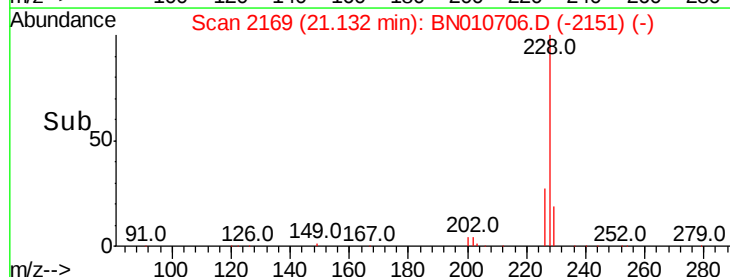
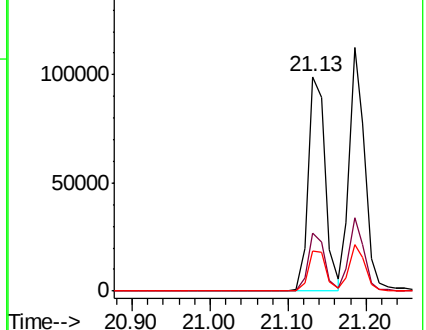
229 19.0 16.0 24.0

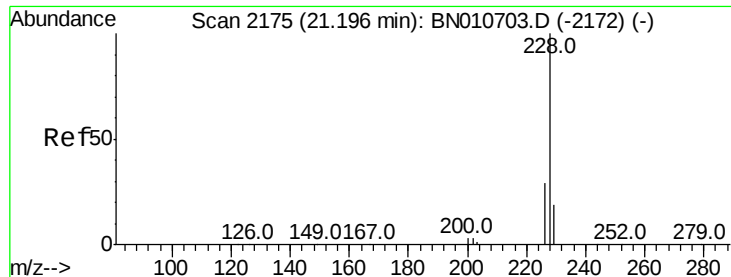


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 3.146 ng

RT: 21.19 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BN010706.D

Acq: 13 May 2020 13:09

Instrument :

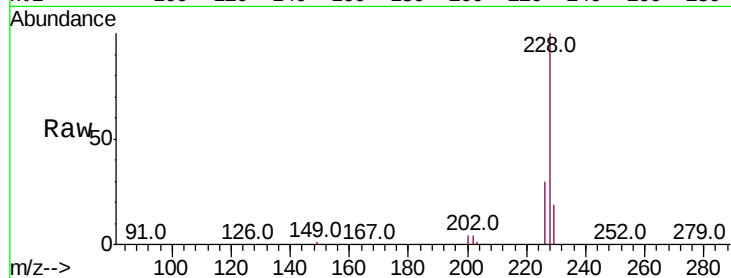
BNA_N

ClientSampleId :

SSTDICC3.2

Tot Ion:228 Resp: 153743

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.4	35.0
229	19.2	16.1	24.1

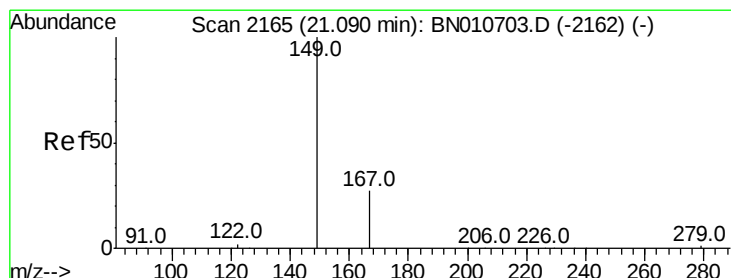
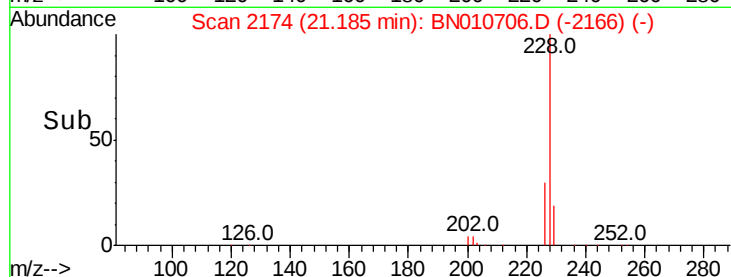
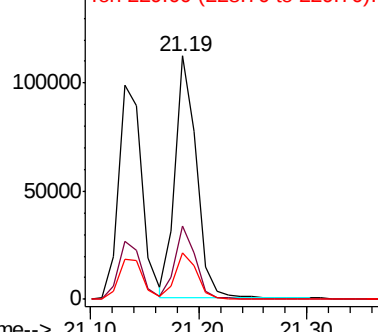


Abundance

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



#32

Bis(2-ethylhexyl)phthalate

Concen: 2.469 ng

RT: 21.09 min Scan# 2165

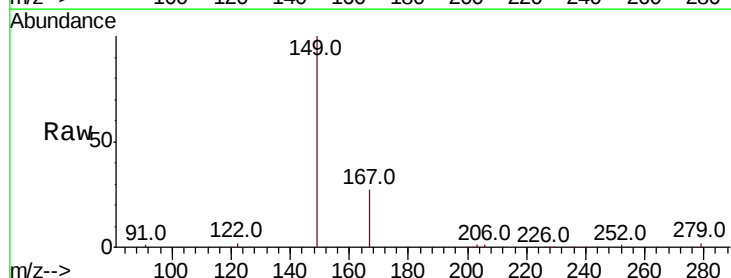
Delta R.T. -0.00 min

Lab File: BN010706.D

Acq: 13 May 2020 13:09

Tgt Ion:149 Resp: 62147

Ion	Ratio	Lower	Upper
149	100		
167	28.7	22.5	33.7
279	4.7	4.1	6.1

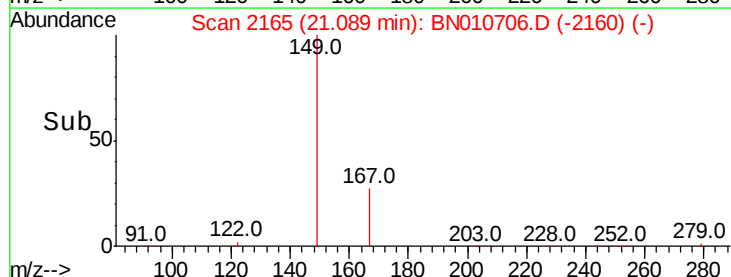
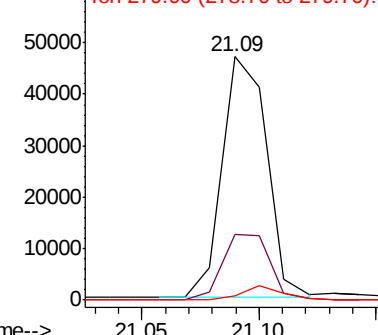


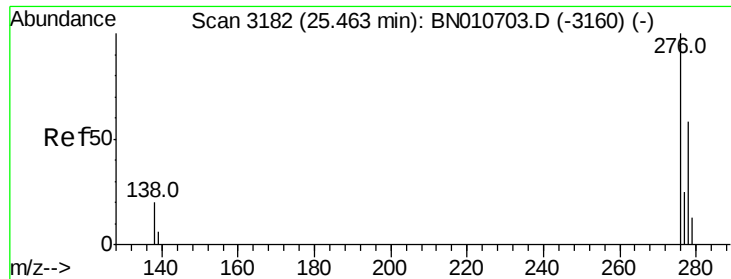
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

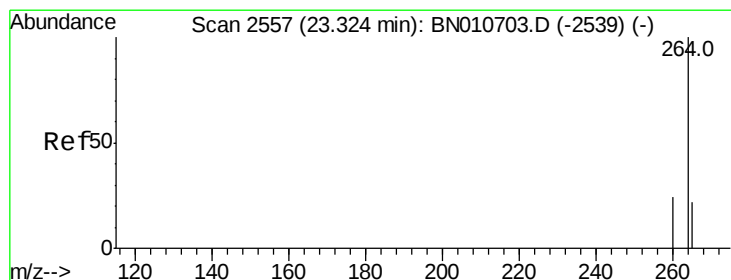
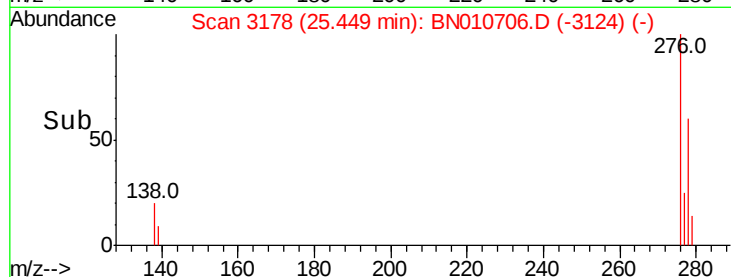
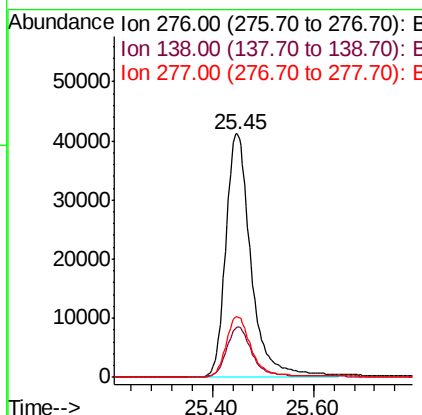
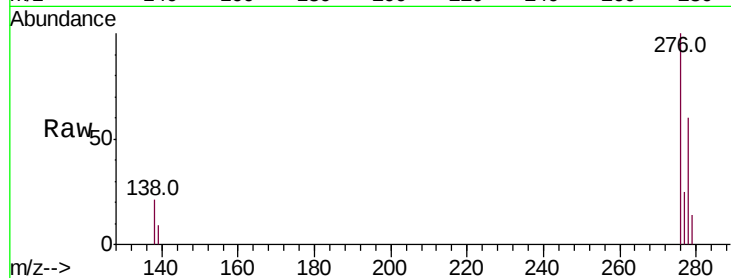




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 3.286 ng
 RT: 25.45 min Scan# 3178
 Delta R.T. -0.01 min
 Lab File: BN010706.D
 Acq: 13 May 2020 13:09

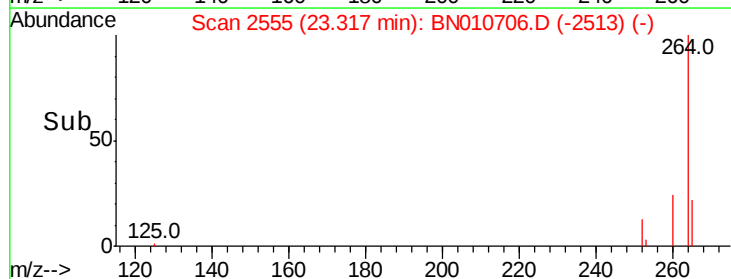
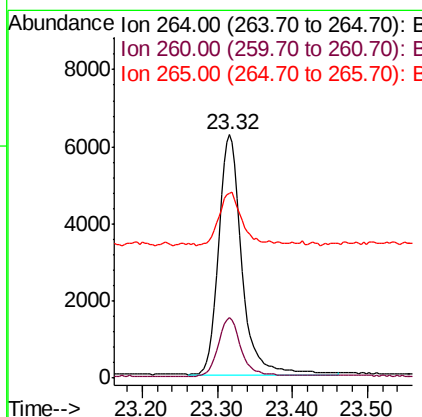
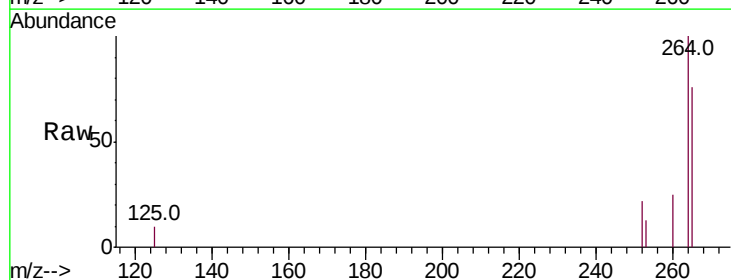
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC3.2

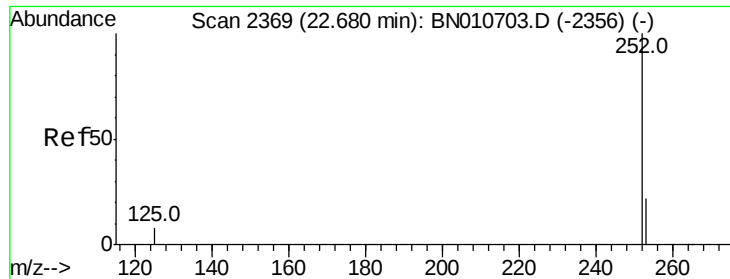
Tot Ion:276 Resp: 141997
 Ion Ratio Lower Upper
 276 100
 138 21.1 15.1 22.7
 277 24.9 19.4 29.0



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.32 min Scan# 2555
 Delta R.T. -0.01 min
 Lab File: BN010706.D
 Acq: 13 May 2020 13:09

Tgt Ion:264 Resp: 13256
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.6 29.4
 265 75.7 70.1 105.1





#35

Benzo(b)fluoranthene

Concen: 3.366 ng

RT: 22.68 min Scan# 2368

Delta R.T. -0.00 min

Lab File: BN010706.D

Acq: 13 May 2020 13:09

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

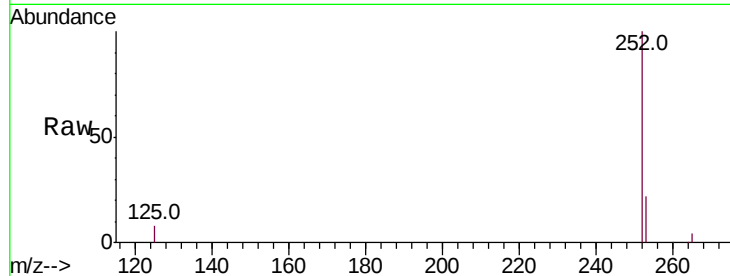
Tot Ion:252 Resp: 146914

Ion Ratio Lower Upper

252 100

253 22.2 22.0 33.0

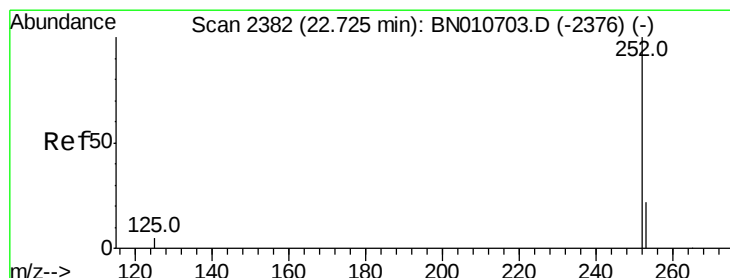
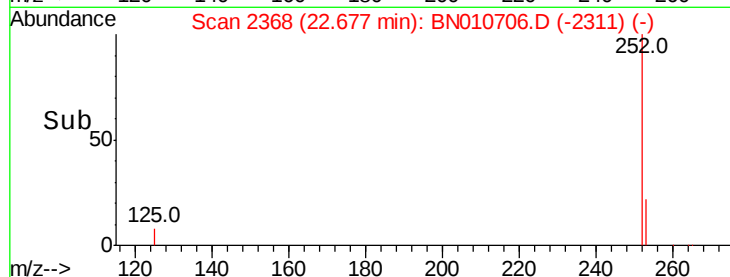
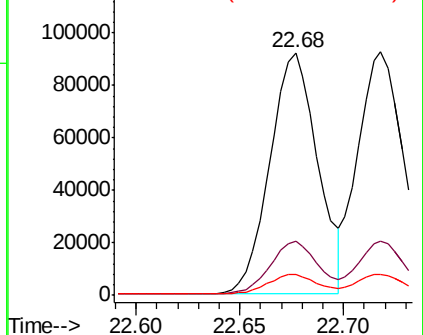
125 8.5 10.8 16.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 3.451 ng

RT: 22.72 min Scan# 2380

Delta R.T. -0.01 min

Lab File: BN010706.D

Acq: 13 May 2020 13:09

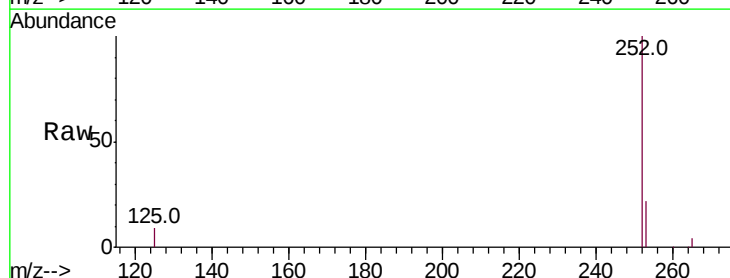
Tgt Ion:252 Resp: 150904

Ion Ratio Lower Upper

252 100

253 22.4 21.9 32.9

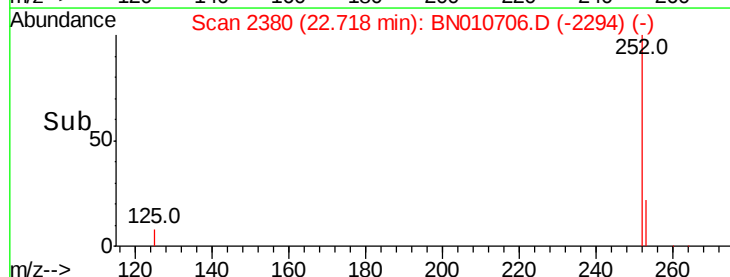
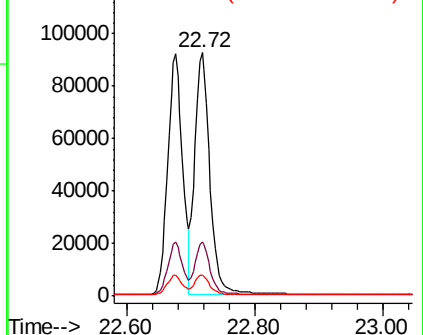
125 8.7 11.1 16.7#

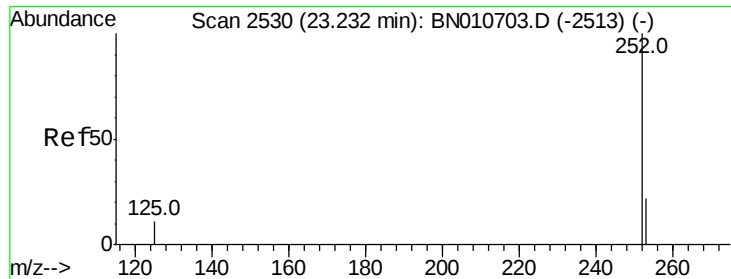


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 3.252 ng

RT: 23.22 min Scan# 2527

Delta R.T. -0.01 min

Lab File: BN010706.D

Acq: 13 May 2020 13:09

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

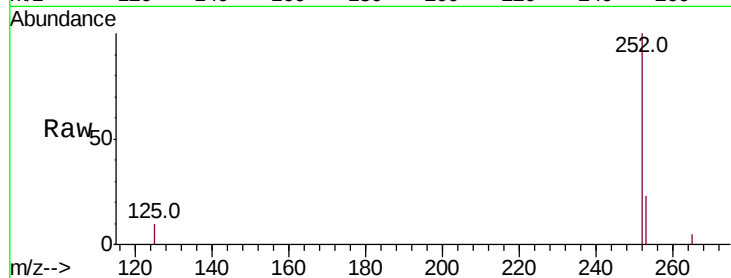
Tot Ion:252 Resp: 125649

Ion Ratio Lower Upper

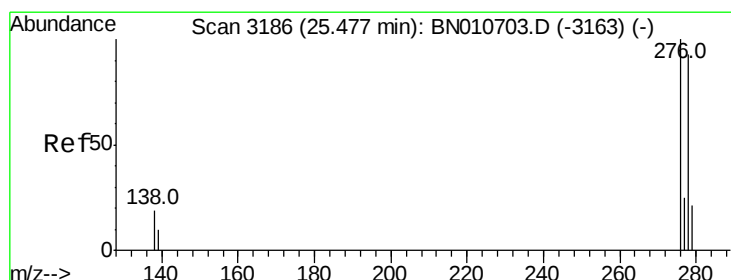
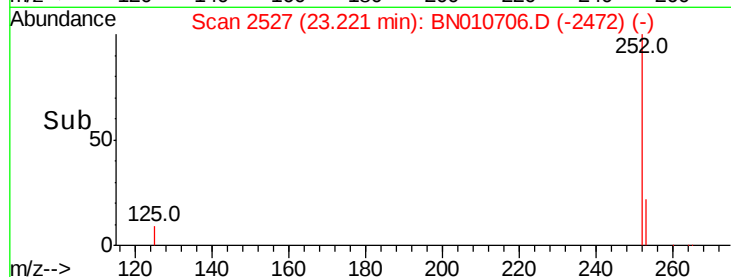
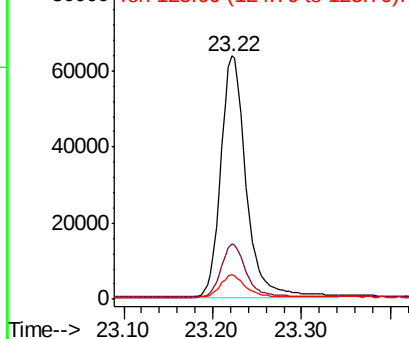
252 100

253 22.6 24.8 37.2#

125 10.0 15.8 23.6#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 3.141 ng

RT: 25.46 min Scan# 3182

Delta R.T. -0.01 min

Lab File: BN010706.D

Acq: 13 May 2020 13:09

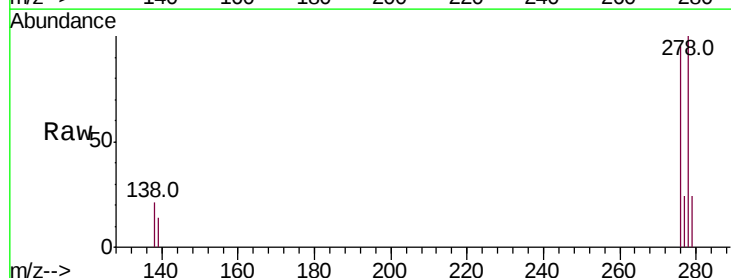
Tgt Ion:278 Resp: 110932

Ion Ratio Lower Upper

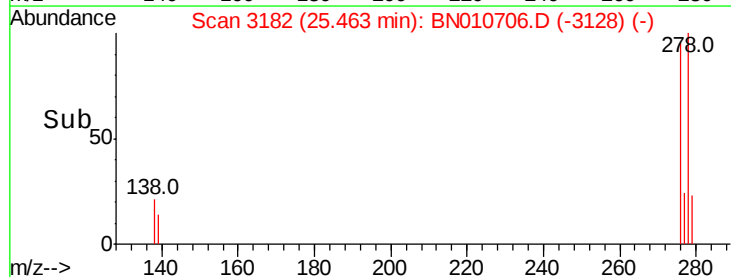
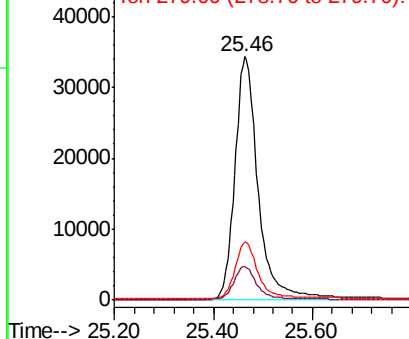
278 100

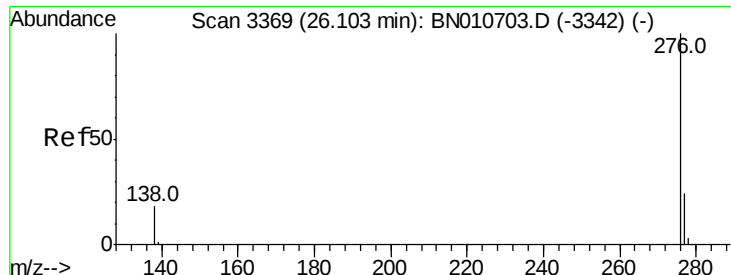
139 13.9 13.0 19.4

279 23.9 25.1 37.7#



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 3.402 ng

RT: 26.09 min Scan# 3365

Delta R.T. -0.01 min

Lab File: BN010706.D

Acq: 13 May 2020 13:09

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

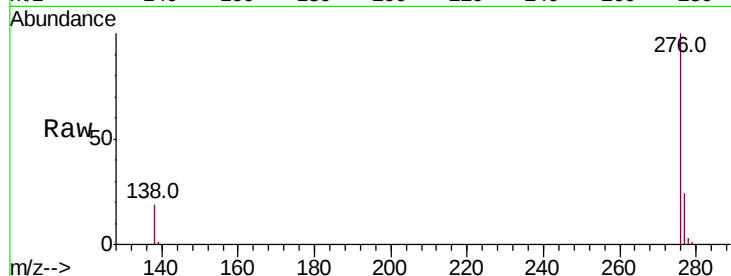
Tot Ion:276 Resp: 120957

Ion Ratio Lower Upper

276 100

277 23.8 20.6 30.8

138 18.5 16.0 24.0



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

