

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

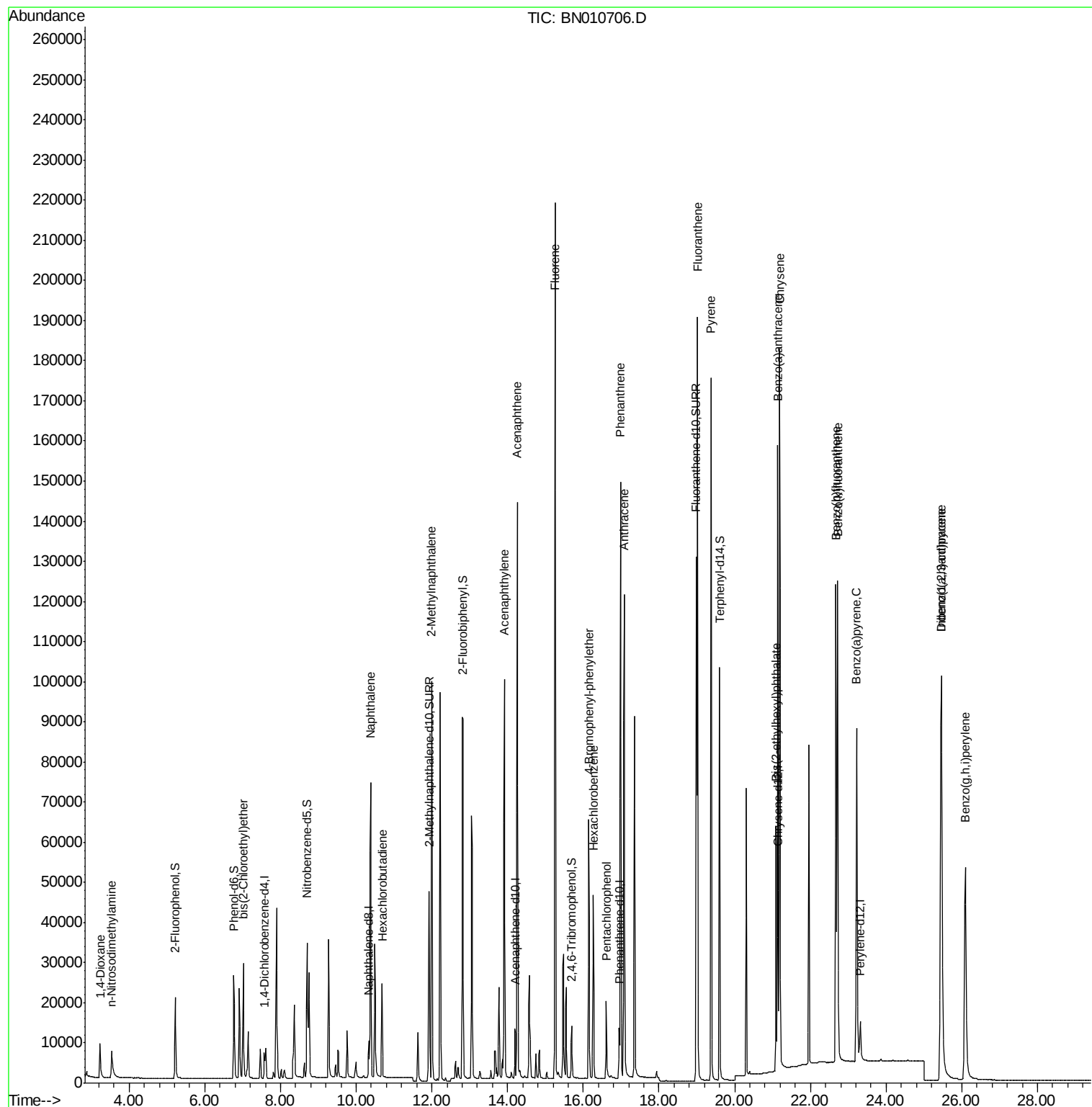
						Qvalue
2) 1,4-Dioxane	3.23	88	8976	3.69	ng	98
3) n-Nitrosodimethylamine	3.53	42	5881	3.73	ng	# 98
6) bis(2-Chloroethyl)ether	7.02	93	25732	3.14	ng	97
9) Naphthalene	10.38	128	97726	3.25	ng	98
10) Hexachlorobutadiene	10.68	225	21850	3.02	ng	# 99
12) 2-Methylnaphthalene	12.00	142	71029	3.29	ng	98
16) Acenaphthylene	13.91	152	109702	3.31	ng	100
17) Acenaphthene	14.26	154	69081	3.24	ng	99
18) Fluorene	15.25	166	92306	3.31	ng	100
20) 4-Bromophenyl-phenylether	16.15	248	31314	3.47	ng	97
21) Hexachlorobenzene	16.26	284	34044	3.30	ng	99
22) Pentachlorophenol	16.61	266	11821	2.91	ng	98
23) Phenanthrene	16.99	178	148355	3.38	ng	100
24) Anthracene	17.08	178	131505	3.28	ng	100
26) Fluoranthene	19.01	202	172064	3.15	ng	99
28) Pyrene	19.38	202	167779	3.31	ng	100
30) Benzo(a)anthracene	21.13	228	149061	3.04	ng	98
31) Chrysene	21.19	228	153743	3.15	ng	98
32) Bis(2-ethylhexyl)phthalate	21.09	149	62147	2.47	ng	99
33) Indeno(1,2,3-cd)pyrene	25.45	276	141997	3.29	ng	97
35) Benzo(b)fluoranthene	22.68	252	146914	3.37	ng	# 89
36) Benzo(k)fluoranthene	22.72	252	150904	3.45	ng	# 89
37) Benzo(a)pyrene	23.22	252	125649	3.25	ng	# 82
38) Dibenzo(a,h)anthracene	25.46	278	110932	3.14	ng	# 89
39) Benzo(g,h,i)perylene	26.09	276	120957	3.40	ng	97

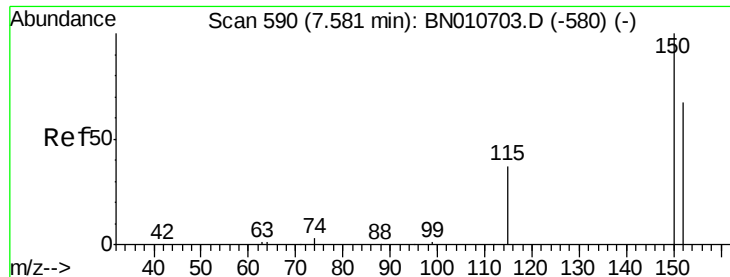
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.40 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

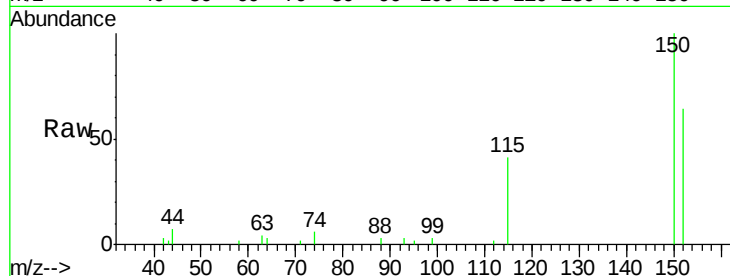
Tgt Ion:152 Resp: 3307

Ion Ratio Lower Upper

152 100

150 155.4 119.4 179.0

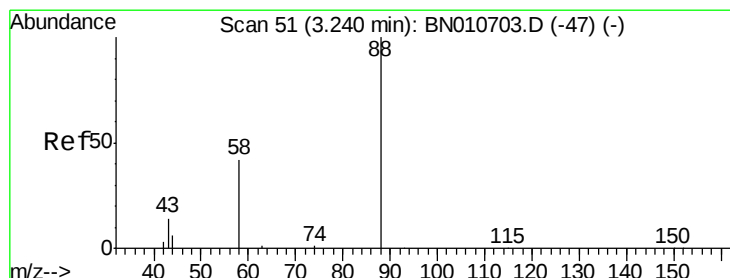
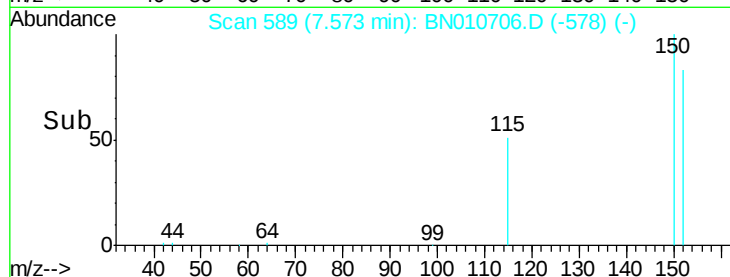
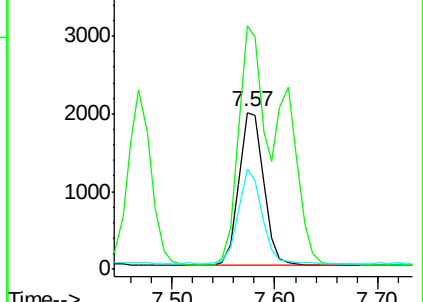
115 63.8 45.9 68.9



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: 3.69 ng

RT: 3.23 min Scan# 50

Delta R.T. -0.01 min

Lab File: BN010706.D

Acq: 13 May 2020 13:09

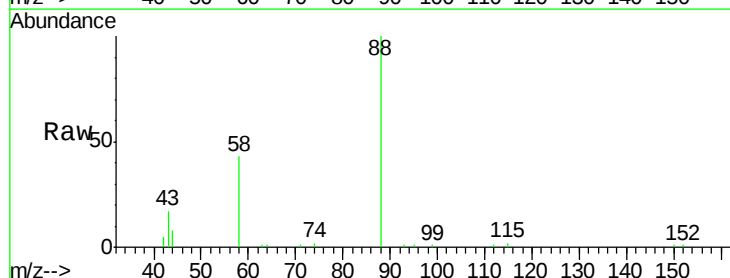
Tgt Ion: 88 Resp: 8976

Ion Ratio Lower Upper

88 100

58 47.3 39.0 58.6

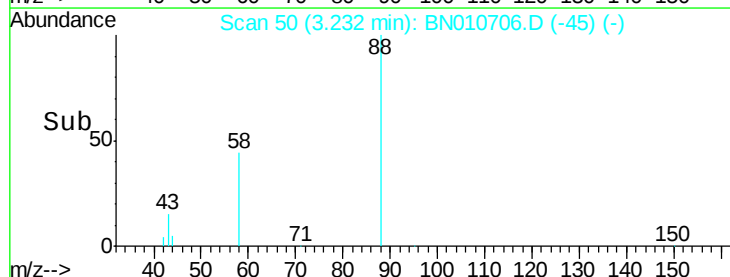
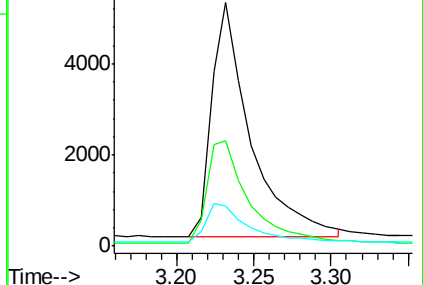
43 17.3 13.1 19.7

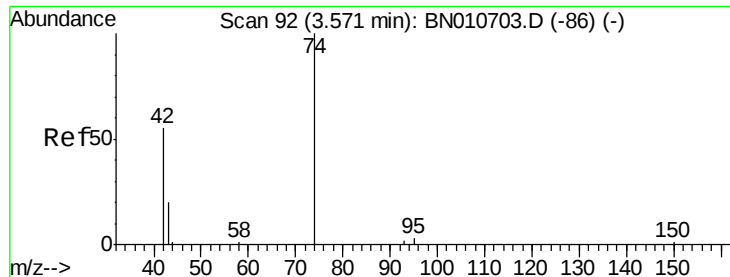


Abundance Ion 88.00 (87.70 to 88.70): BN0

Ion 58.00 (57.70 to 58.70): BN0

Ion 43.00 (42.70 to 43.70): BN0





#3

n-Nitrosodimethylamine

Concen: 3.73 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

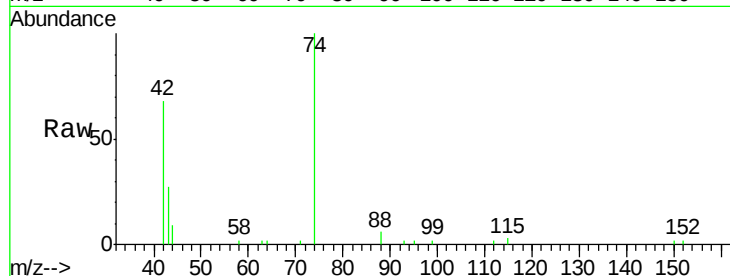
Tgt Ion: 42 Resp: 5881

Ion Ratio Lower Upper

42 100

74 185.0 146.2 219.2

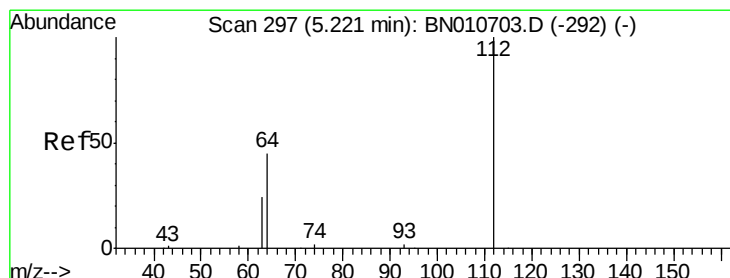
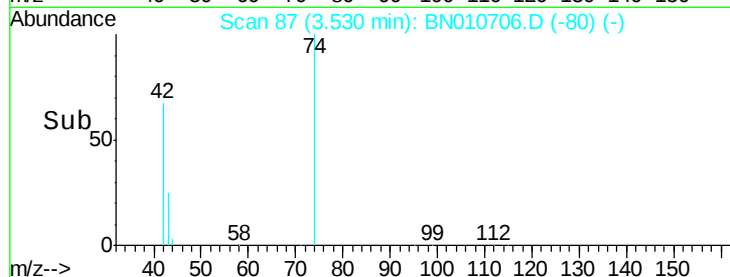
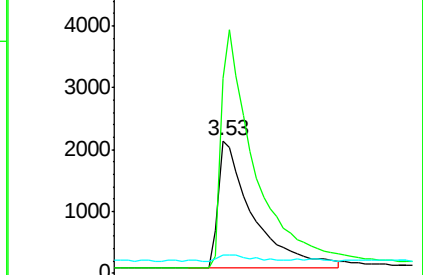
44 5.1 3.0 4.4#



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: 2.83 ng

RT: 5.22 min Scan# 297

Delta R.T. -0.00 min

Lab File: BN010706.D

Acq: 13 May 2020 13:09

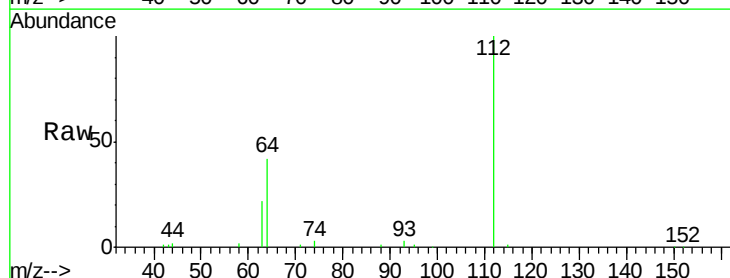
Tgt Ion: 112 Resp: 20503

Ion Ratio Lower Upper

112 100

64 45.6 36.2 54.4

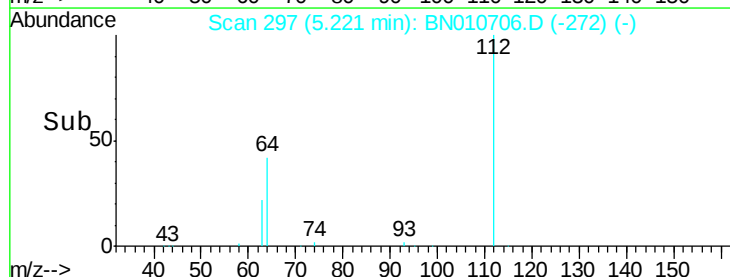
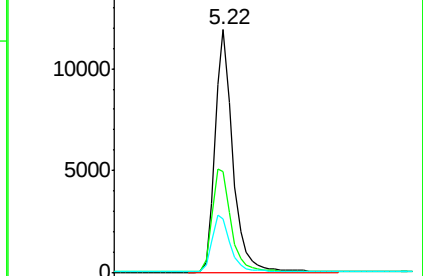
63 24.6 19.8 29.8

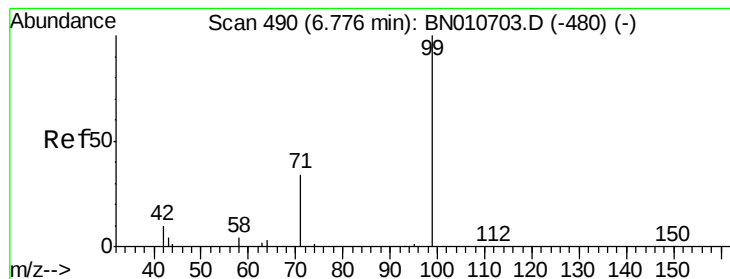


Abundance Ion 112.00 (111.70 to 112.70): BN010703.D (-292) (-)

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: 2.82 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

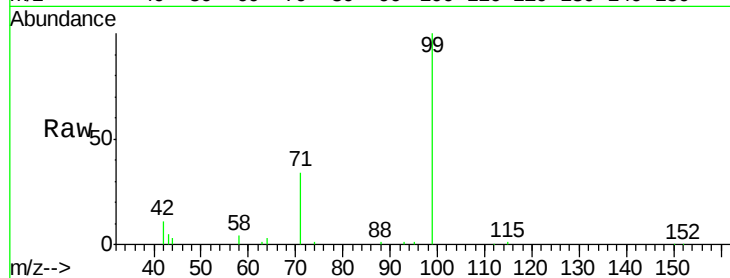
Tgt Ion: 99 Resp: 26650

Ion Ratio Lower Upper

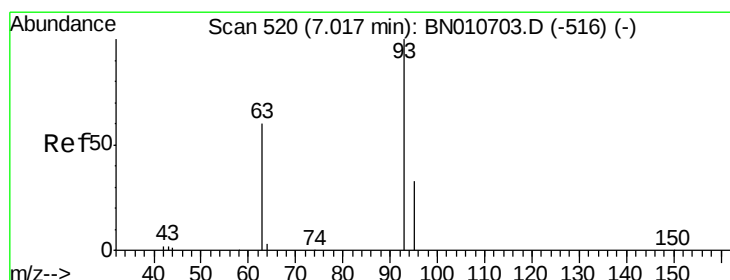
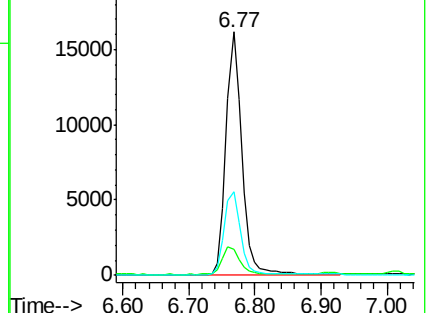
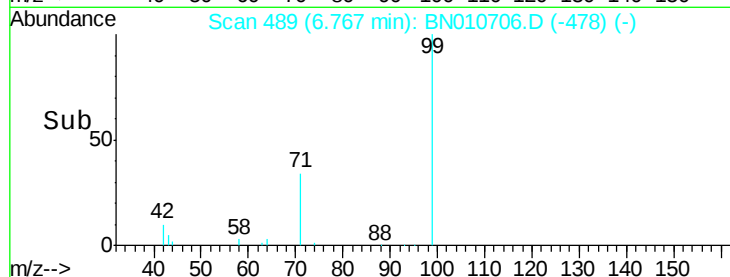
99 100

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) (-)



#6

bis(2-Chloroethyl)ether

Concen: 3.14 ng

RT: 7.02 min Scan# 520

Delta R.T. -0.00 min

Lab File: BN010706.D

Acq: 13 May 2020 13:09

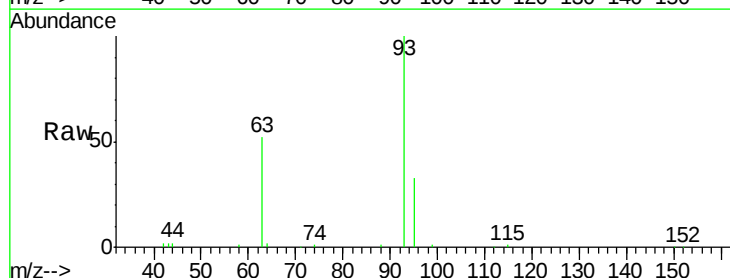
Tgt Ion: 93 Resp: 25732

Ion Ratio Lower Upper

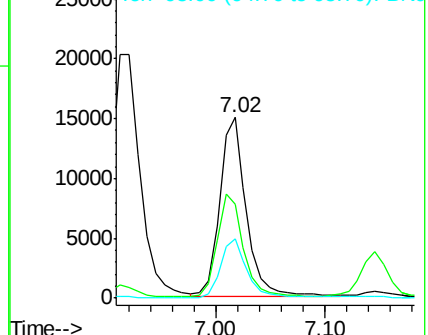
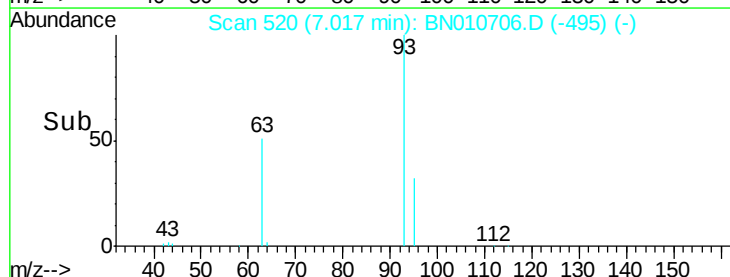
93 100

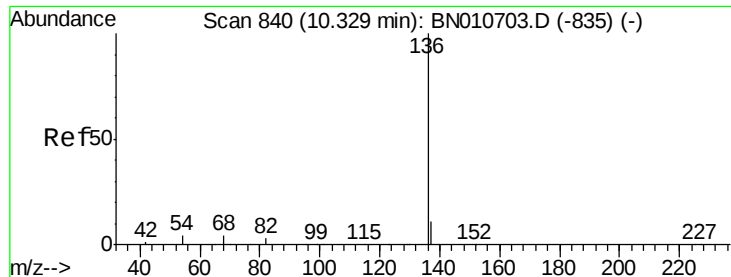
63 56.3 43.1 64.7

95 31.6 24.6 37.0



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





#7

Naphthalene-d8

Concen: 0.40 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

Tgt Ion:136 Resp: 12096

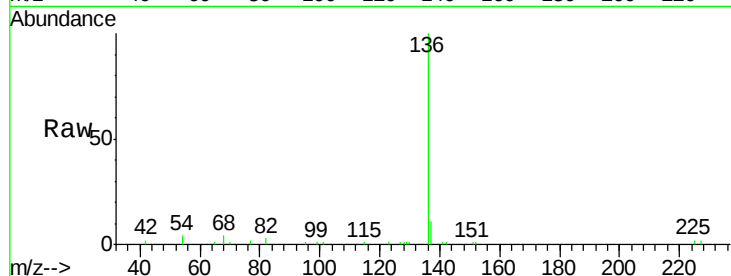
Ion Ratio Lower Upper

136 100

137 11.4 9.2 13.8

54 3.8 3.6 5.4

68 4.4 4.1 6.1

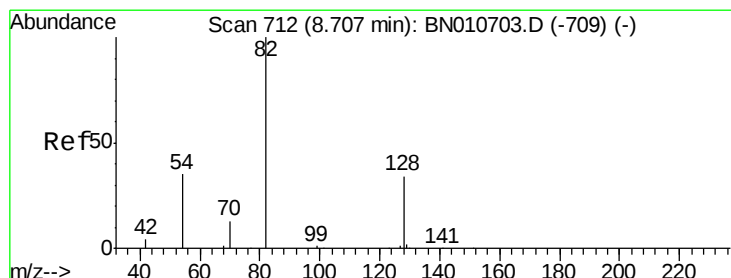
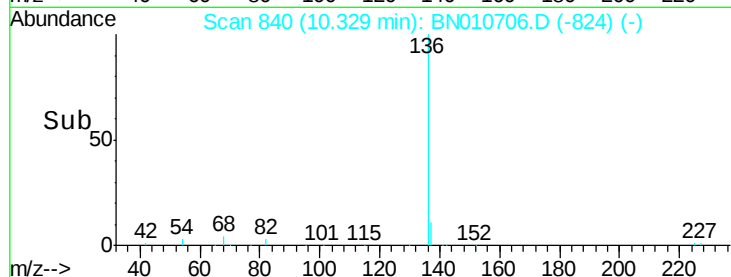
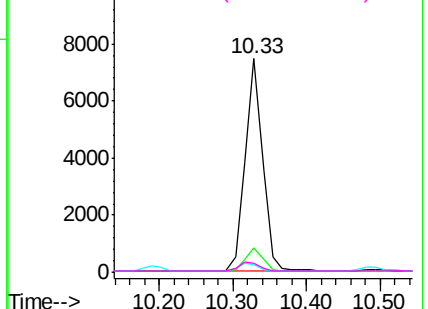


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.35 ng

RT: 8.71 min Scan# 712

Delta R.T. -0.00 min

Lab File: BN010706.D

Acq: 13 May 2020 13:09

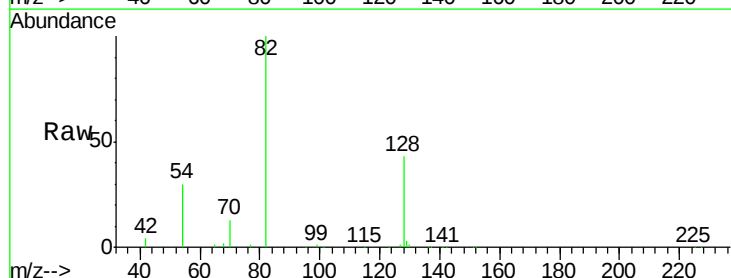
Tgt Ion: 82 Resp: 28331

Ion Ratio Lower Upper

82 100

128 42.6 29.0 43.4

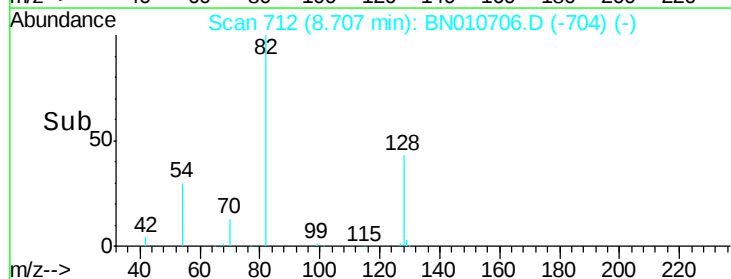
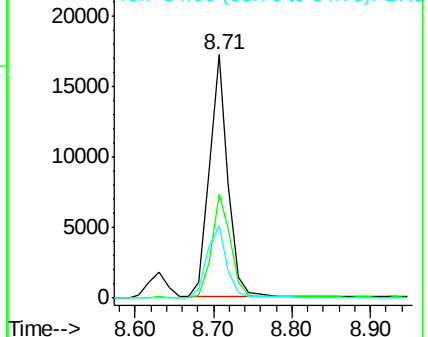
54 29.6 29.3 43.9

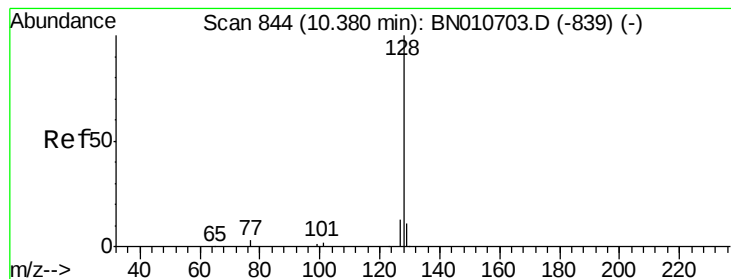


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 3.25 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

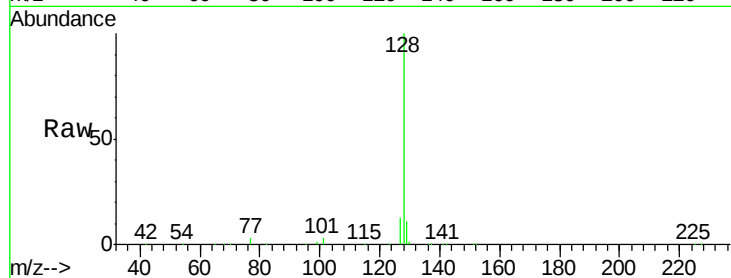
Tgt Ion:128 Resp: 97726

Ion Ratio Lower Upper

128 100

129 11.0 9.3 13.9

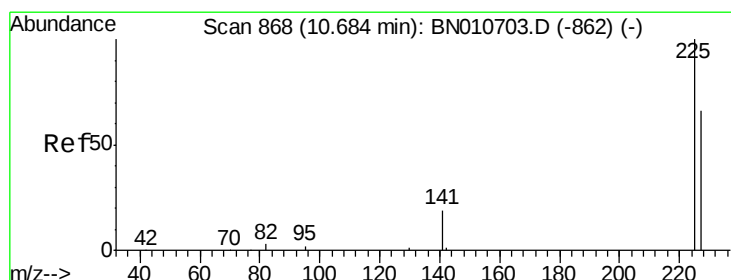
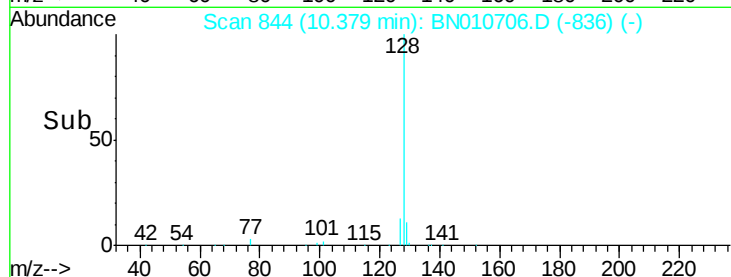
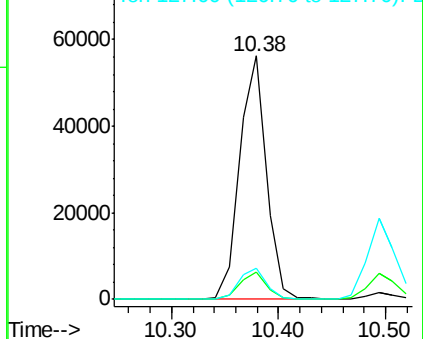
127 13.0 11.0 16.6



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: 3.02 ng

RT: 10.68 min Scan# 868

Delta R.T. -0.00 min

Lab File: BN010706.D

Acq: 13 May 2020 13:09

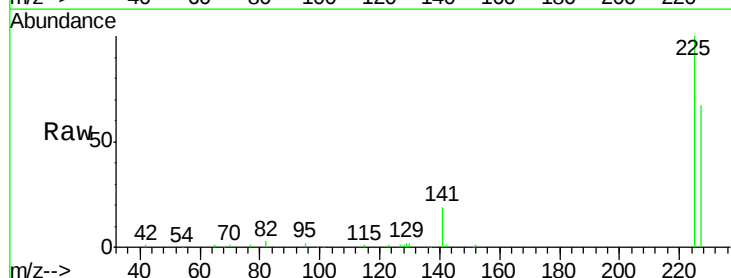
Tgt Ion:225 Resp: 21850

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

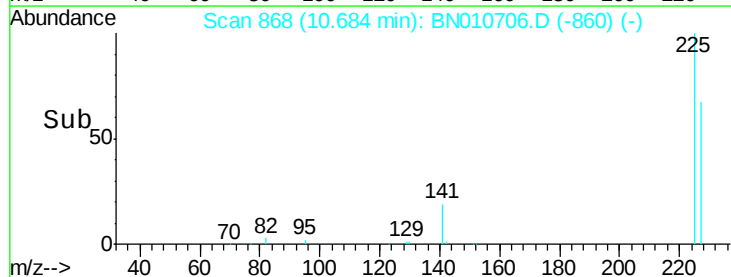
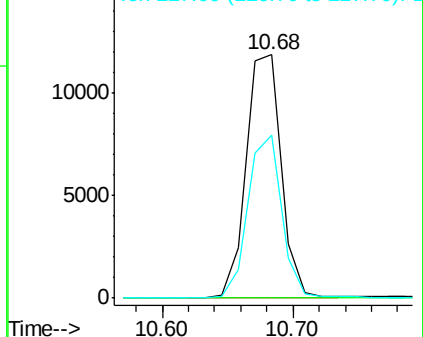
227 64.2 50.7 76.1

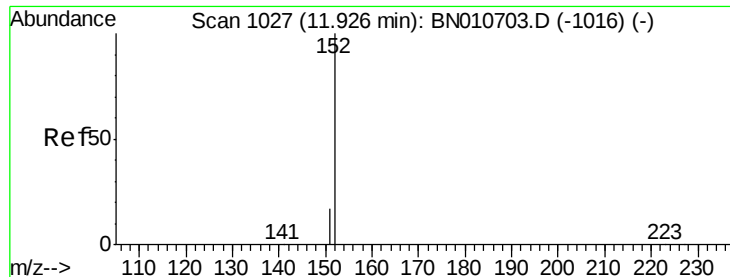


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

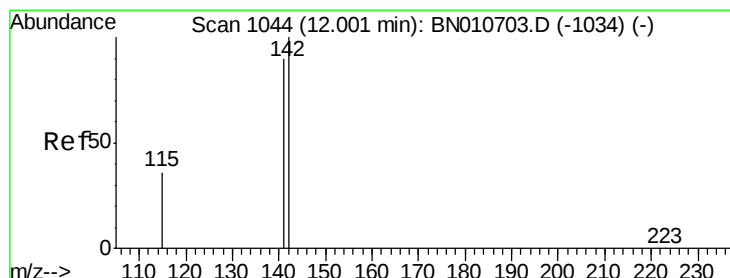
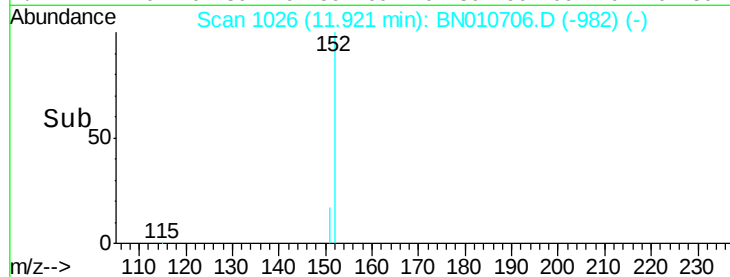
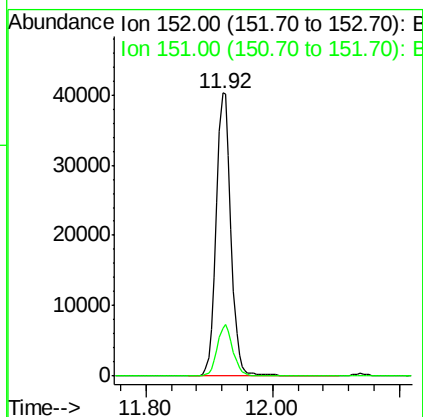
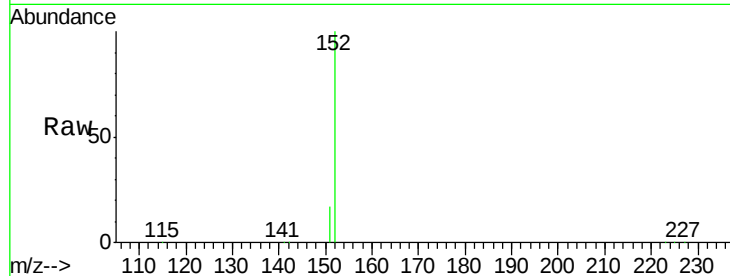




#11
2-Methylnaphthalene-d10
Concen: 3.26 ng
RT: 11.92 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BN010706.D
Acq: 13 May 2020 13:09

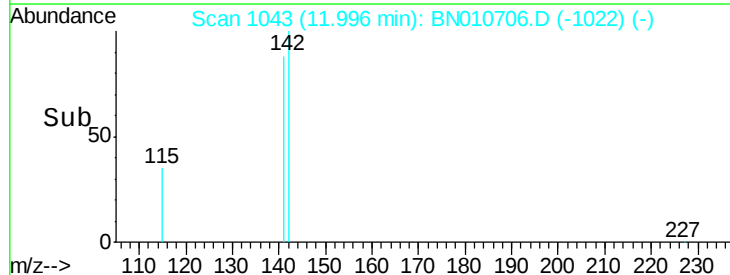
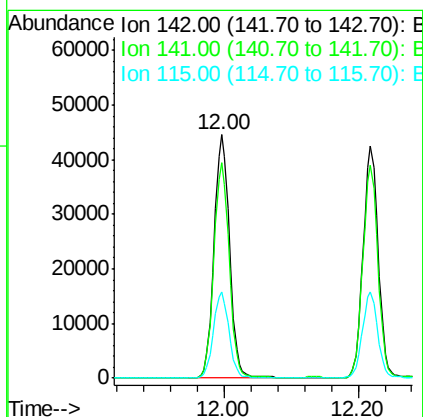
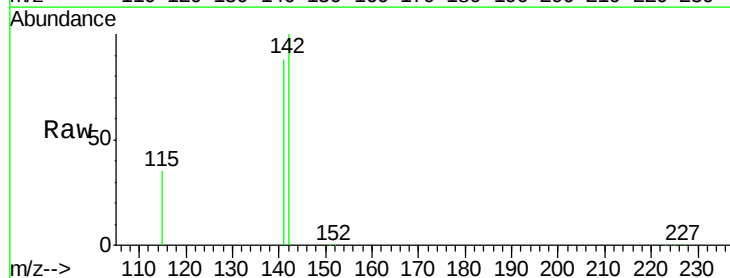
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

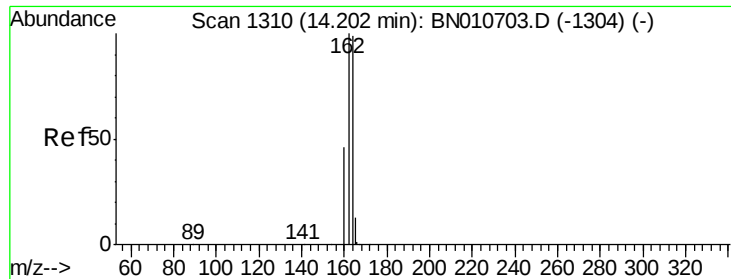
Tgt Ion:152 Resp: 64757
Ion Ratio Lower Upper
152 100
151 19.2 15.0 22.6



#12
2-Methylnaphthalene
Concen: 3.29 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





#13

Acenaphthene-d10

Concen: 0.40 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

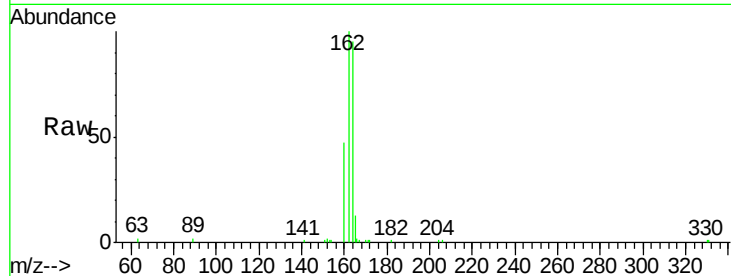
Tgt Ion:164 Resp: 7676

Ion Ratio Lower Upper

164 100

162 105.5 81.1 121.7

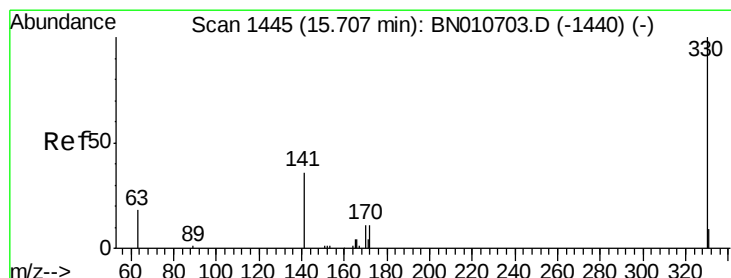
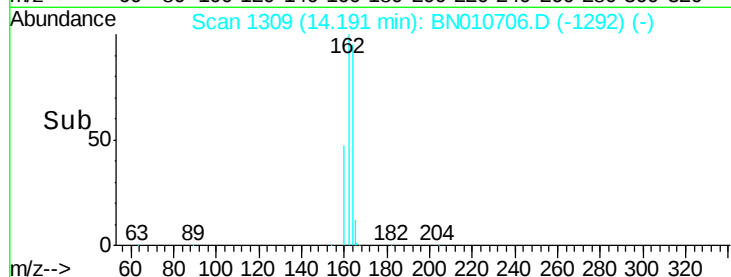
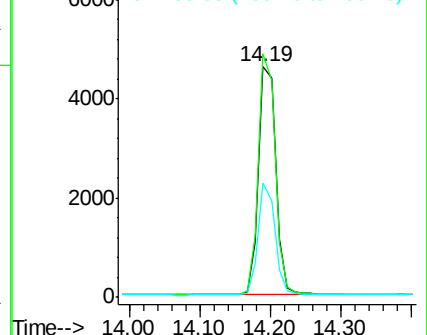
160 49.7 37.9 56.9



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: 2.85 ng

RT: 15.70 min Scan# 1444

Delta R.T. -0.01 min

Lab File: BN010706.D

Acq: 13 May 2020 13:09

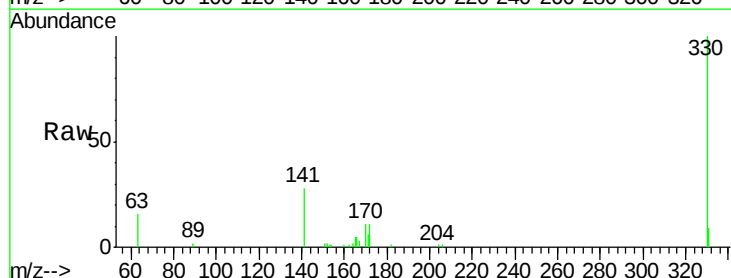
Tgt Ion:330 Resp: 10312

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

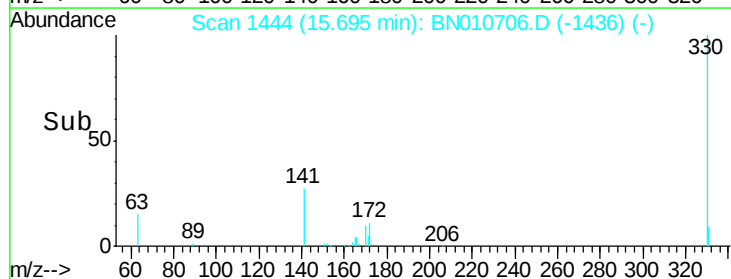
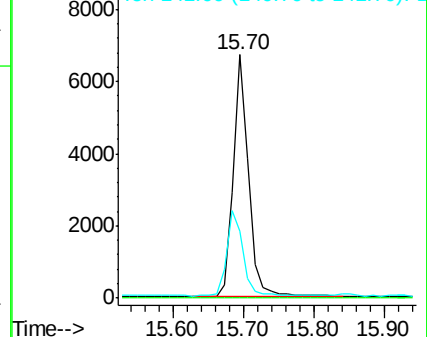
141 37.1 28.8 43.2

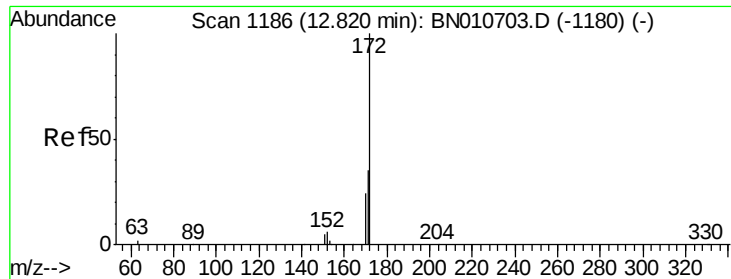


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

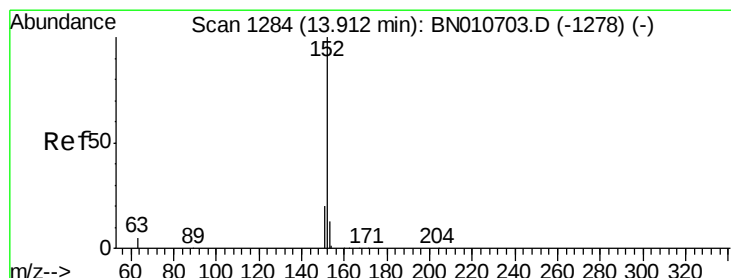
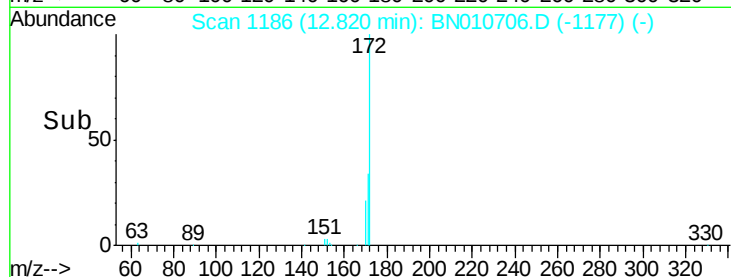
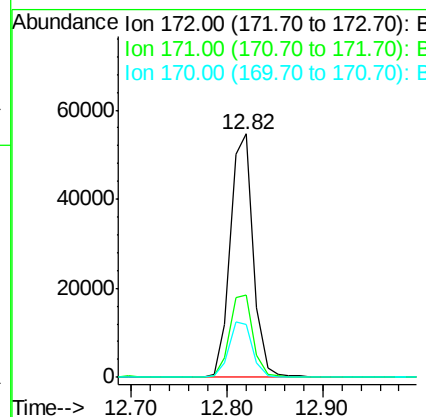
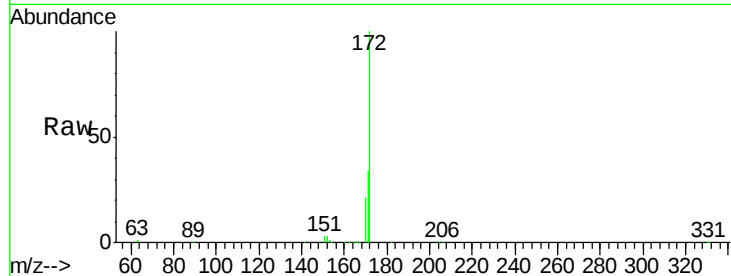




#15
2-Fluorobiphenyl
Concen: 3.27 ng
RT: 12.82 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BN010706.D
Acq: 13 May 2020 13:09

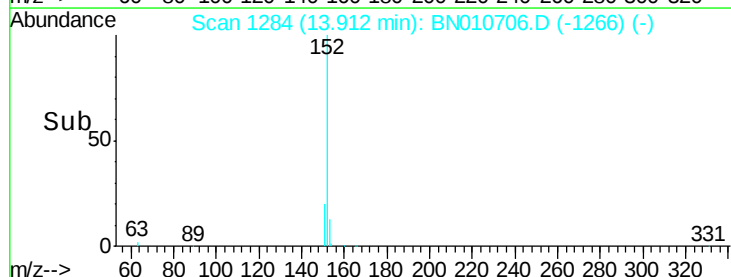
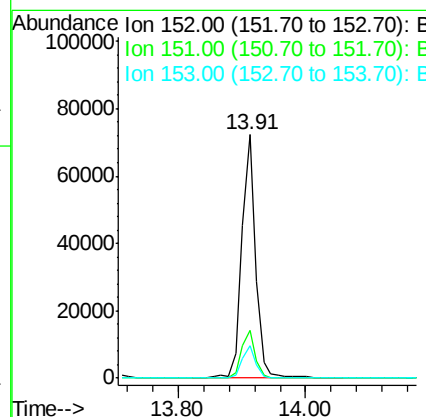
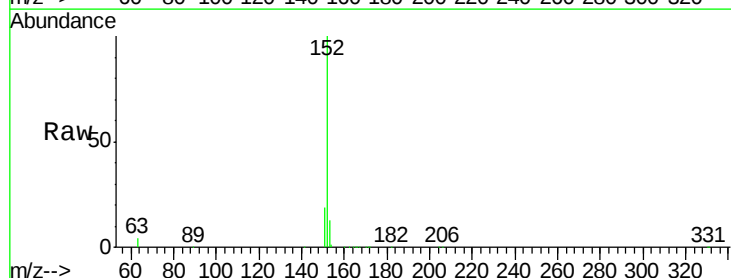
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

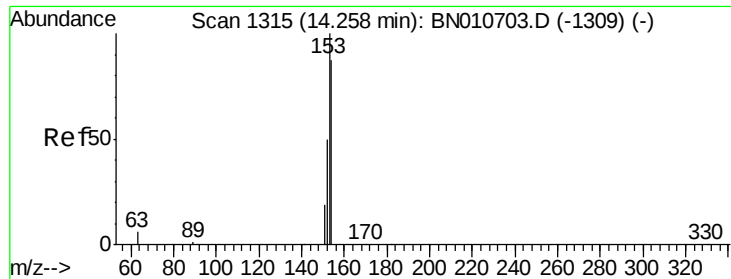
Tgt Ion:172 Resp: 91395
Ion Ratio Lower Upper
172 100
171 33.6 28.6 42.8
170 21.5 19.8 29.8



#16
Acenaphthylene
Concen: 3.31 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:152 Resp: 109702
Ion Ratio Lower Upper
152 100
151 19.5 15.6 23.4
153 13.0 10.4 15.6





#17

Acenaphthene

Concen: 3.24 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

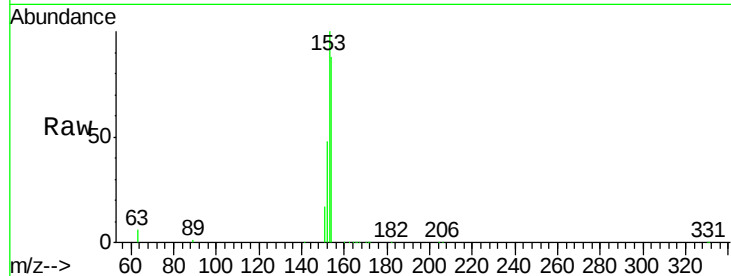
Tgt Ion:154 Resp: 69081

Ion Ratio Lower Upper

154 100

153 114.0 91.5 137.3

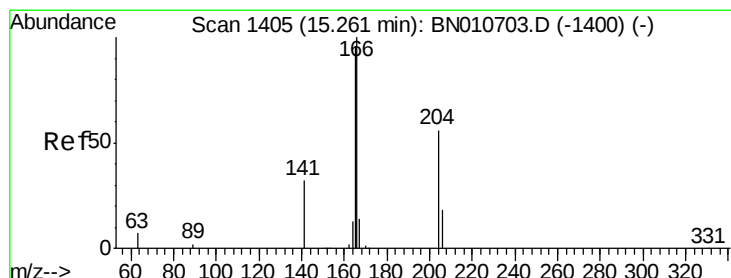
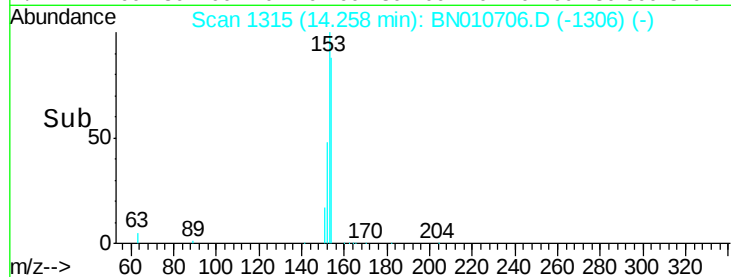
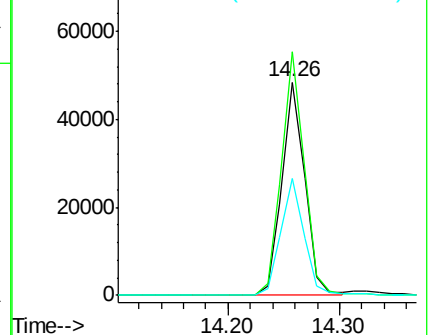
152 55.5 45.6 68.4



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: 3.31 ng

RT: 15.25 min Scan# 1404

Delta R.T. -0.01 min

Lab File: BN010706.D

Acq: 13 May 2020 13:09

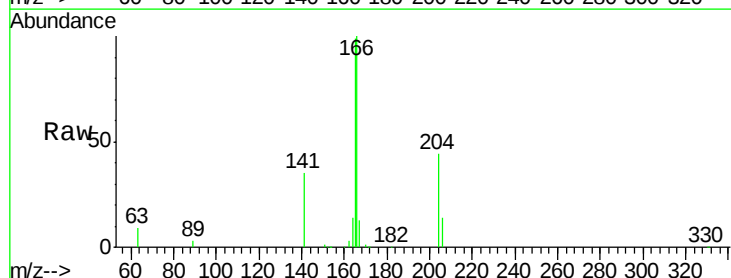
Tgt Ion:166 Resp: 92306

Ion Ratio Lower Upper

166 100

165 97.7 77.9 116.9

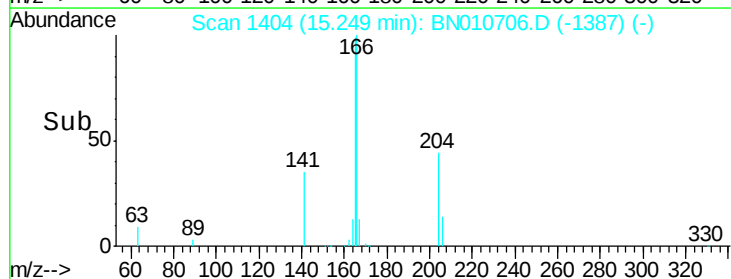
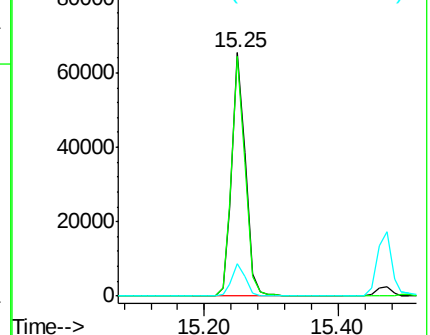
167 13.6 11.0 16.4

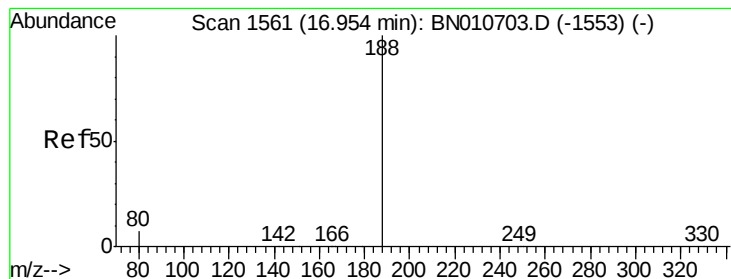


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.40 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

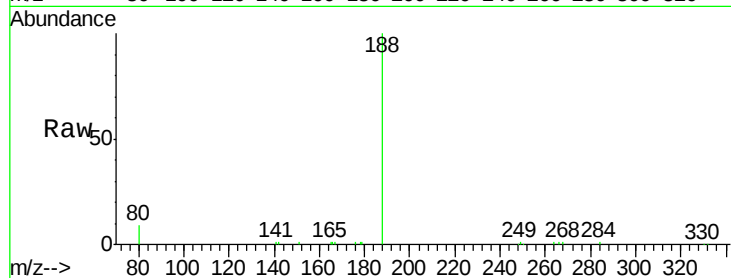
Tgt Ion:188 Resp: 16260

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

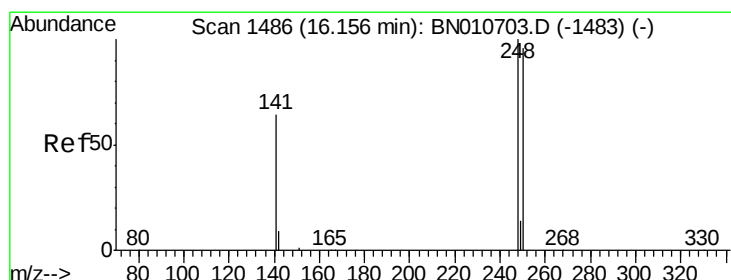
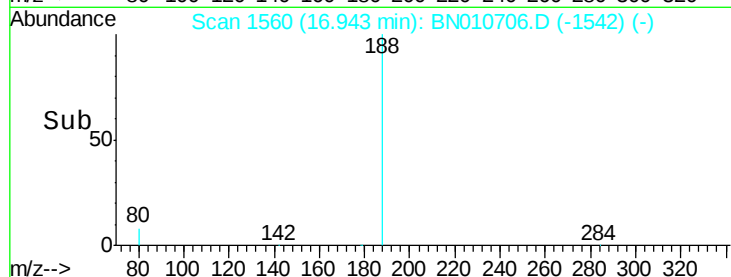
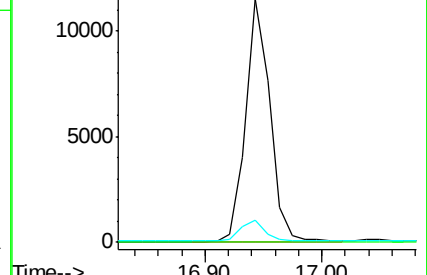
80 9.0 6.3 9.5



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: 3.47 ng

RT: 16.15 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BN010706.D

Acq: 13 May 2020 13:09

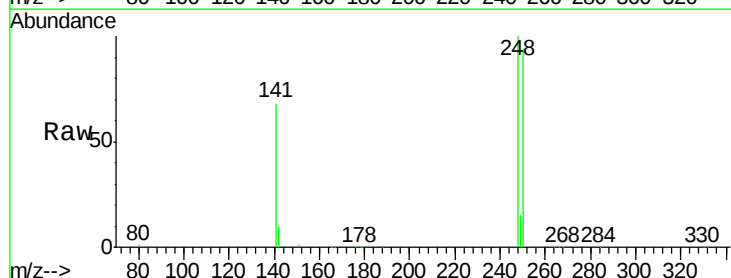
Tgt Ion:248 Resp: 31314

Ion Ratio Lower Upper

248 100

250 93.9 77.4 116.0

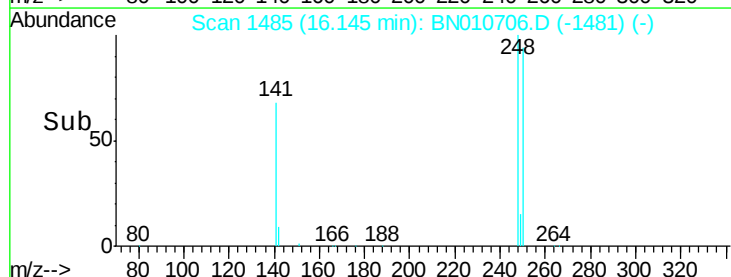
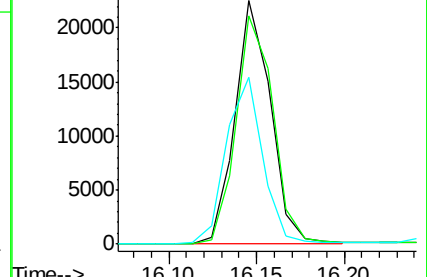
141 68.3 53.1 79.7

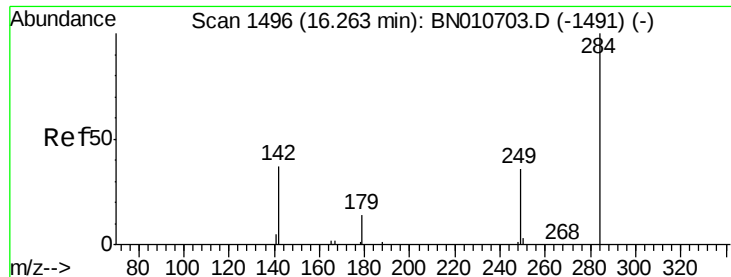


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 3.30 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

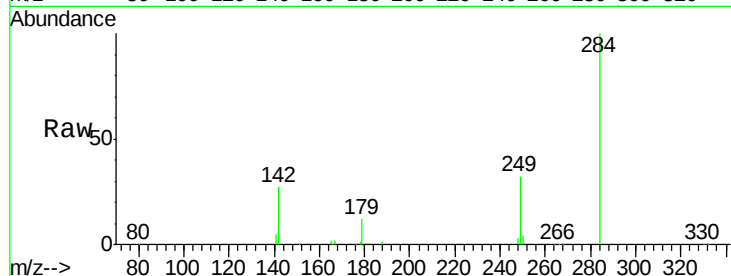
Tgt Ion:284 Resp: 34044

Ion Ratio Lower Upper

284 100

142 34.4 28.2 42.2

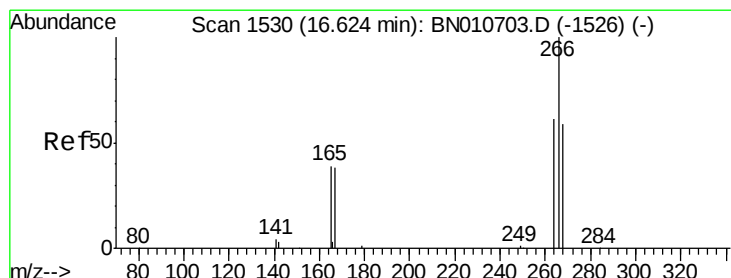
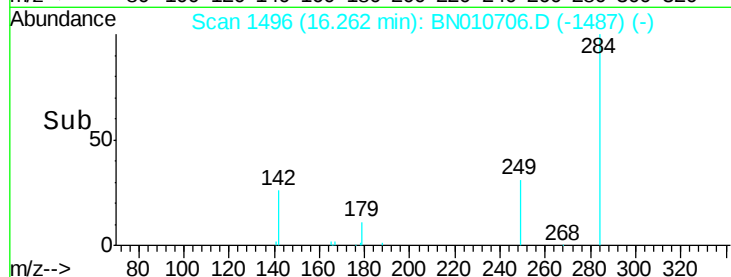
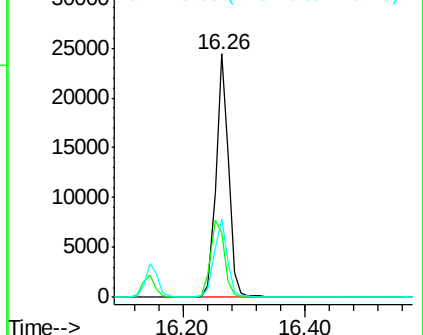
249 32.9 26.4 39.6



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: 2.91 ng

RT: 16.61 min Scan# 1529

Delta R.T. -0.01 min

Lab File: BN010706.D

Acq: 13 May 2020 13:09

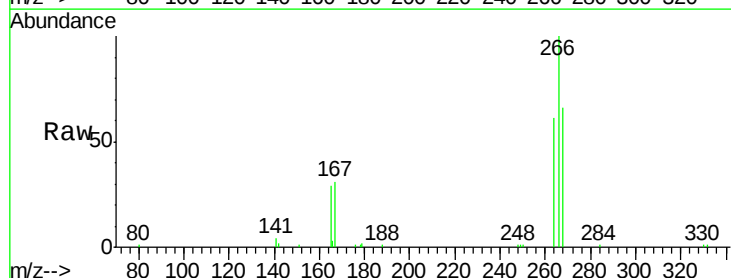
Tgt Ion:266 Resp: 11821

Ion Ratio Lower Upper

266 100

264 61.4 51.1 76.7

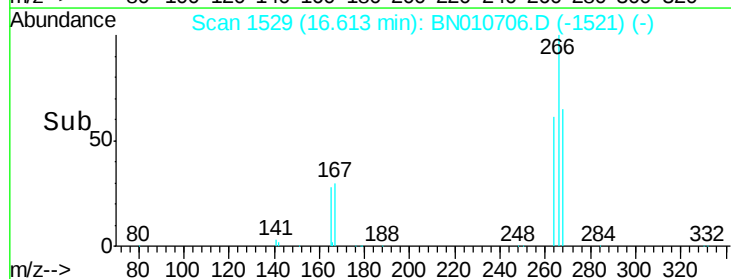
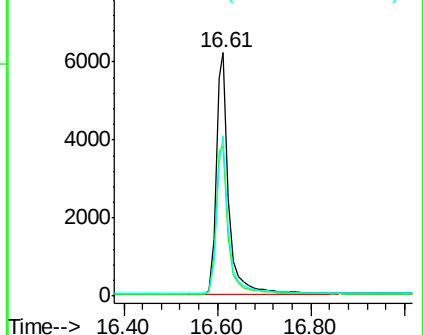
268 65.8 52.1 78.1

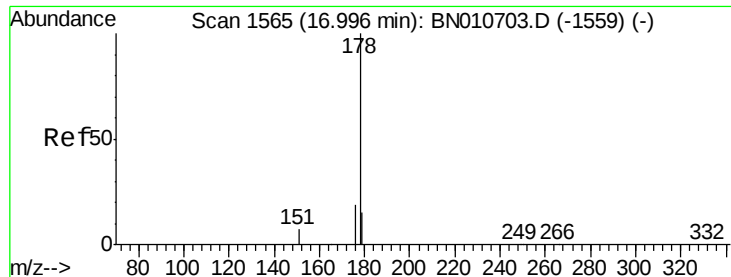


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 3.38 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

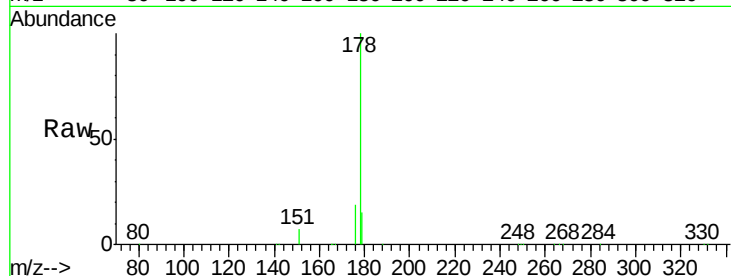
Tgt Ion:178 Resp: 148355

Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

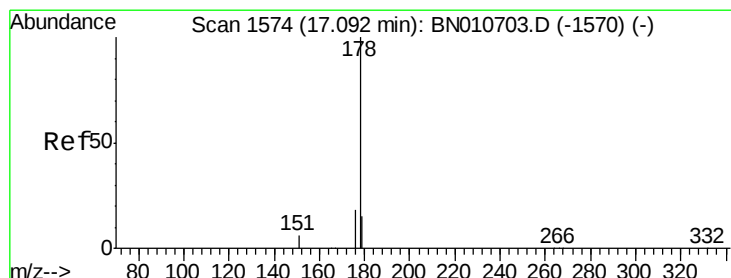
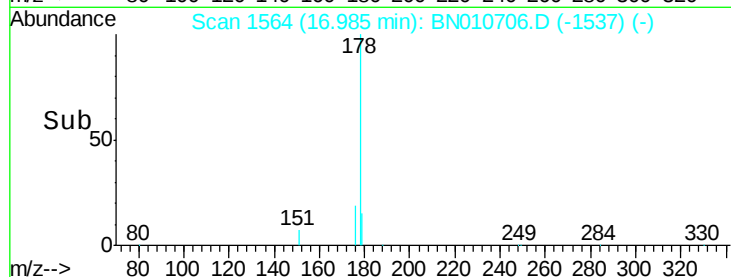
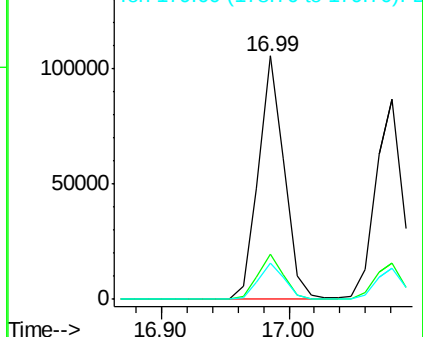
179 15.2 12.2 18.4



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: 3.28 ng

RT: 17.08 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BN010706.D

Acq: 13 May 2020 13:09

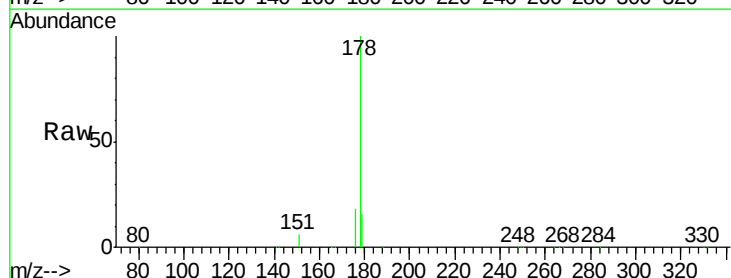
Tgt Ion:178 Resp: 131505

Ion Ratio Lower Upper

178 100

176 18.2 14.7 22.1

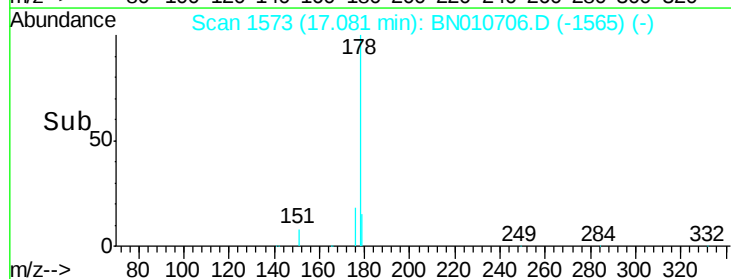
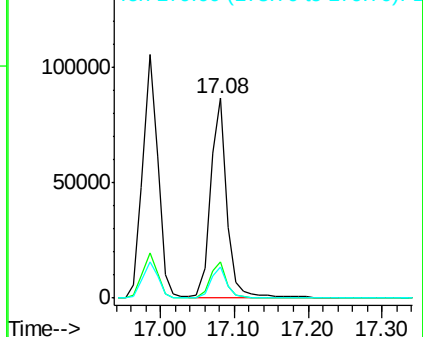
179 15.3 12.3 18.5

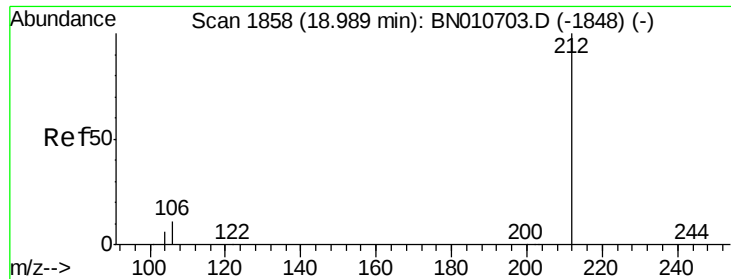


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 3.08 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

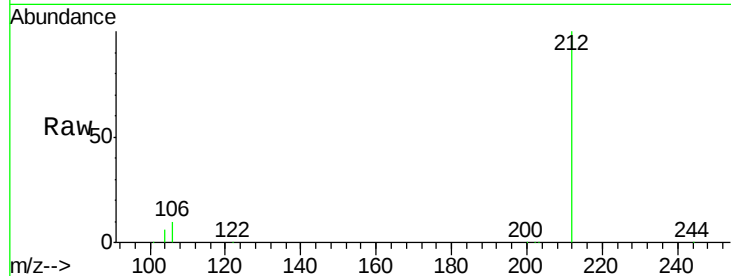
Tgt Ion:212 Resp: 151951

Ion Ratio Lower Upper

212 100

106 10.2 8.2 12.2

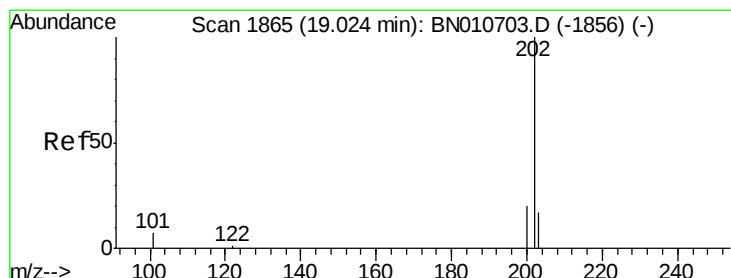
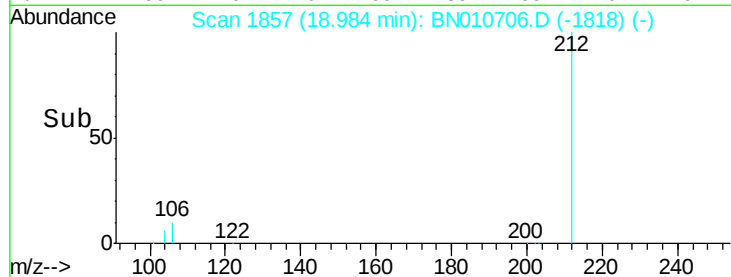
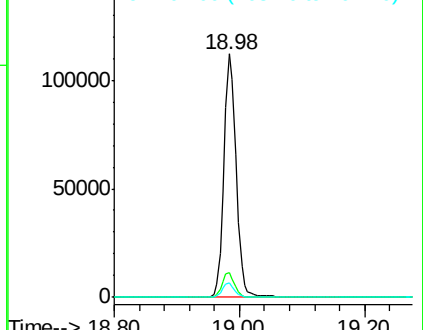
104 5.8 4.7 7.1



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: 3.15 ng

RT: 19.01 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BN010706.D

Acq: 13 May 2020 13:09

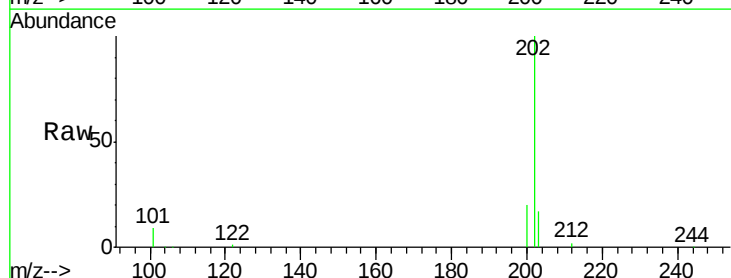
Tgt Ion:202 Resp: 172064

Ion Ratio Lower Upper

202 100

101 8.8 6.7 10.1

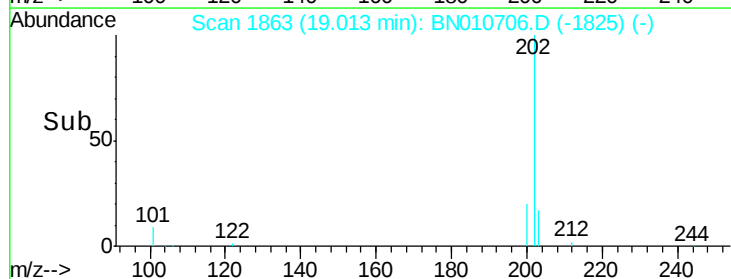
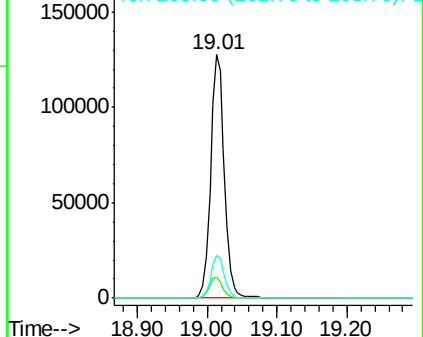
203 17.3 13.4 20.0

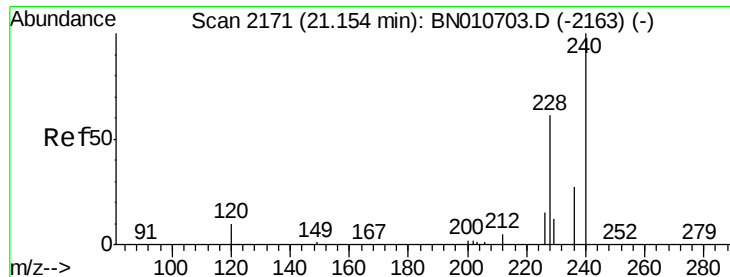


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

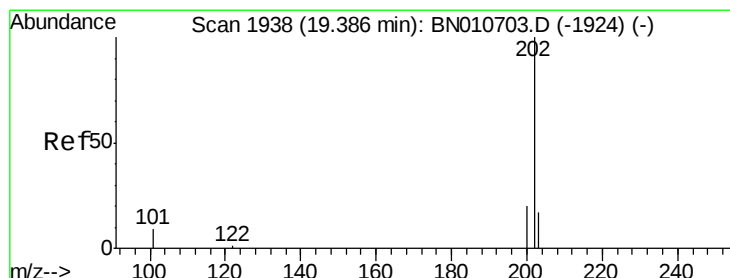
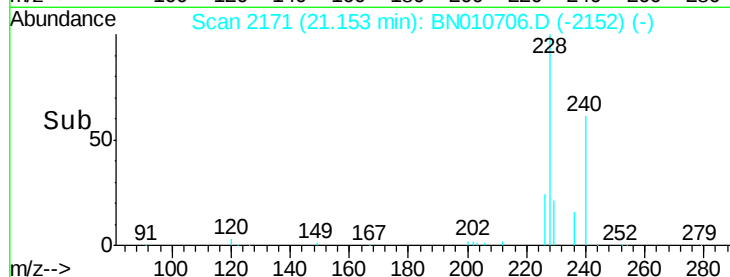
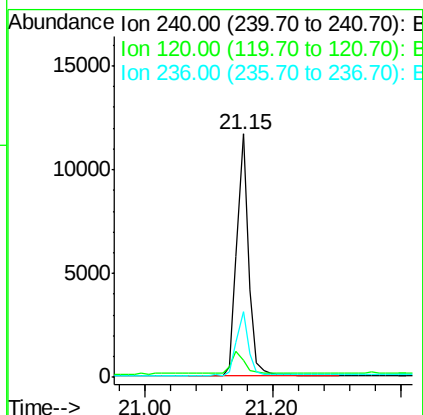
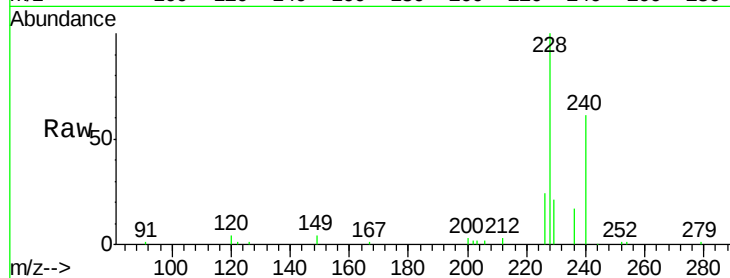




#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.15 min Scan# 2171
Delta R.T. -0.00 min
Lab File: BN010706.D
Acq: 13 May 2020 13:09

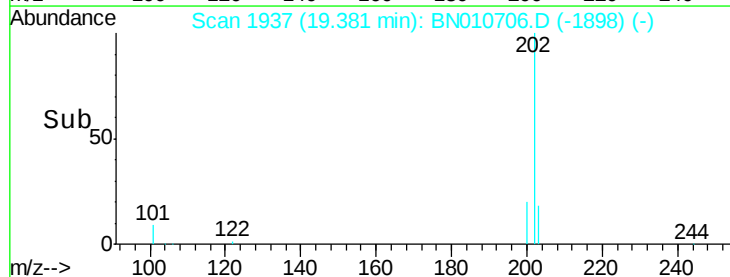
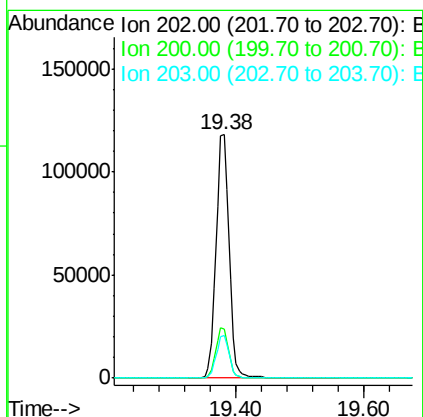
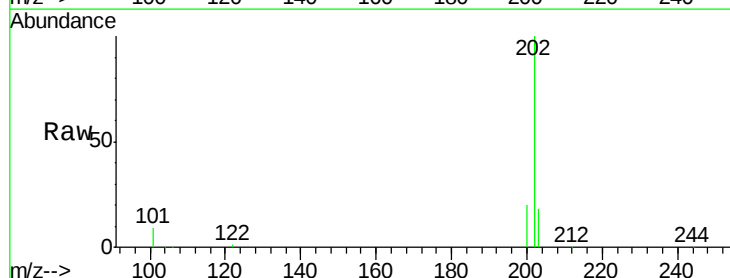
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

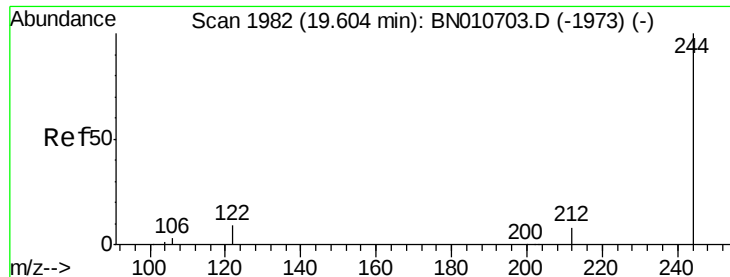
Tgt Ion:240 Resp: 15037
Ion Ratio Lower Upper
240 100
120 7.2 9.5 14.3#
236 27.2 22.5 33.7



#28
Pyrene
Concen: 3.31 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





#29

Terphenyl-d14

Concen: 3.28 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

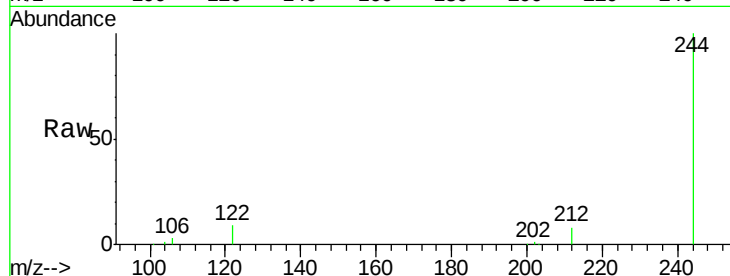
Tgt Ion:244 Resp: 112914

Ion Ratio Lower Upper

244 100

212 7.6 6.8 10.2

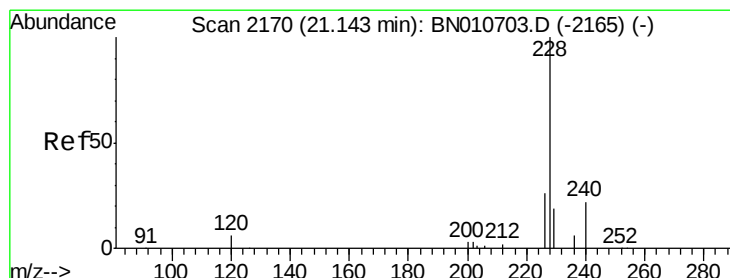
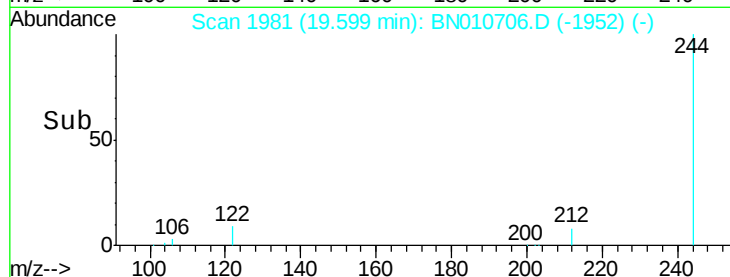
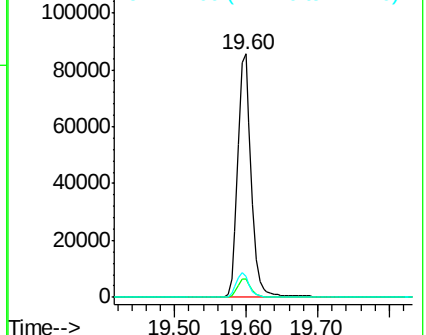
122 8.7 8.1 12.1



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: 3.04 ng

RT: 21.13 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BN010706.D

Acq: 13 May 2020 13:09

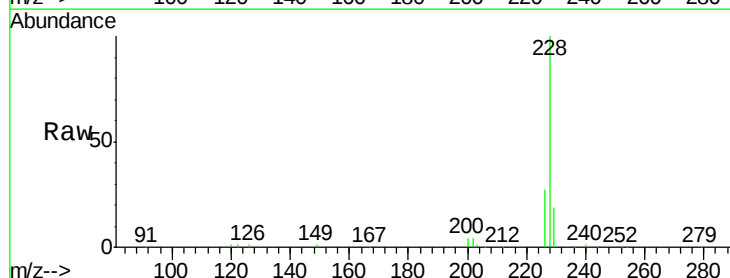
Tgt Ion:228 Resp: 149061

Ion Ratio Lower Upper

228 100

226 27.3 21.3 31.9

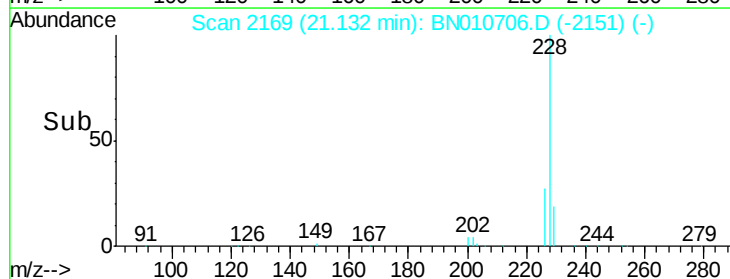
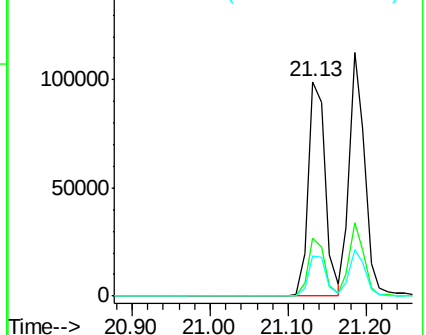
229 19.0 16.0 24.0

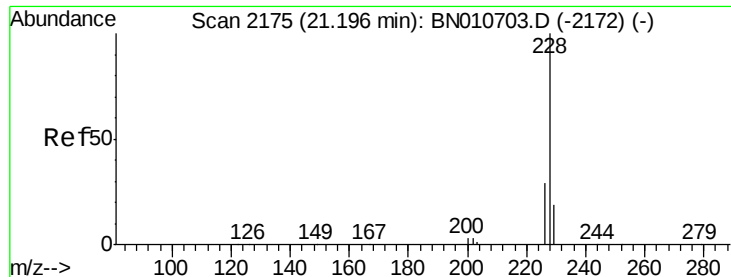


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 3.15 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

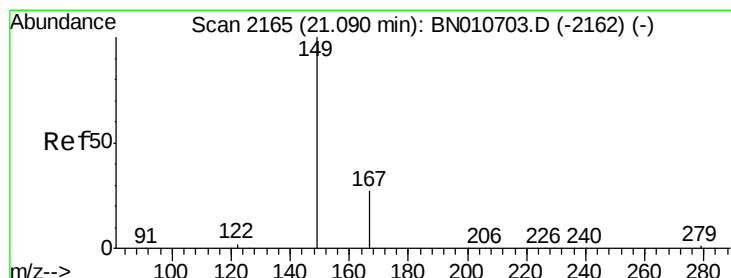
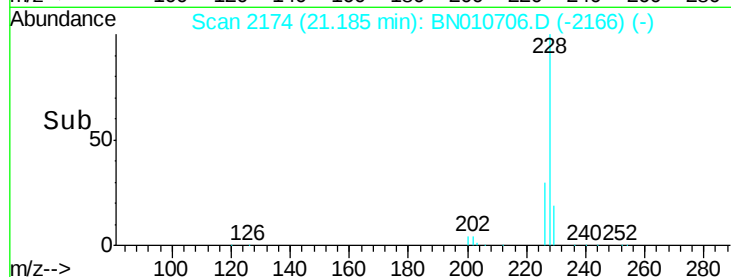
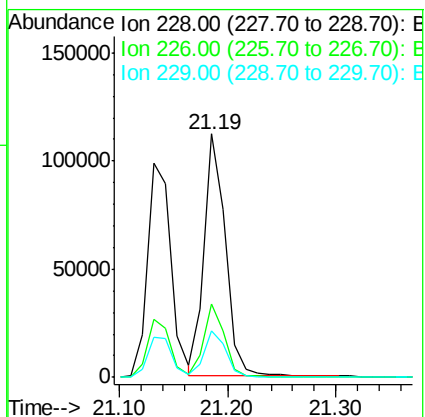
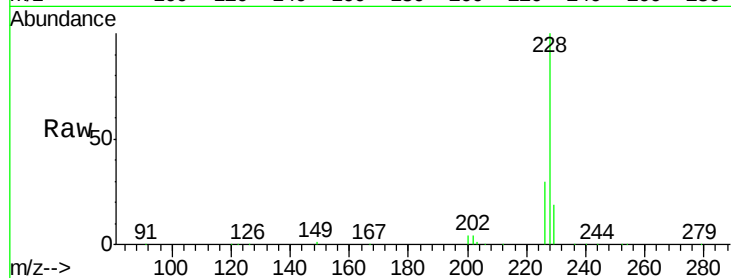
Tgt Ion:228 Resp: 153743

Ion Ratio Lower Upper

228 100

226 30.1 23.4 35.0

229 19.2 16.1 24.1



#32

Bis(2-ethylhexyl)phthalate

Concen: 2.47 ng

RT: 21.09 min Scan# 2165

Delta R.T. -0.00 min

Lab File: BN010706.D

Acq: 13 May 2020 13:09

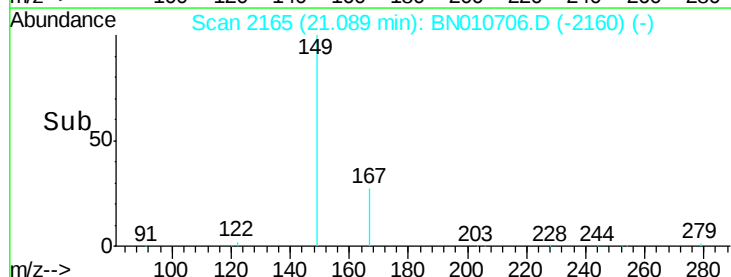
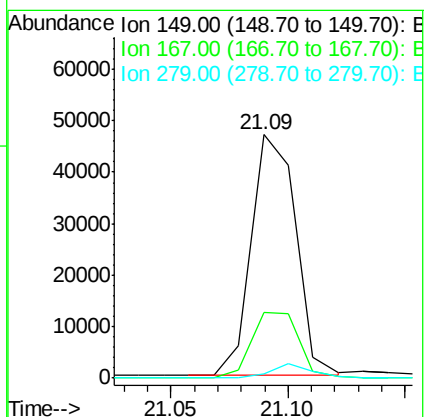
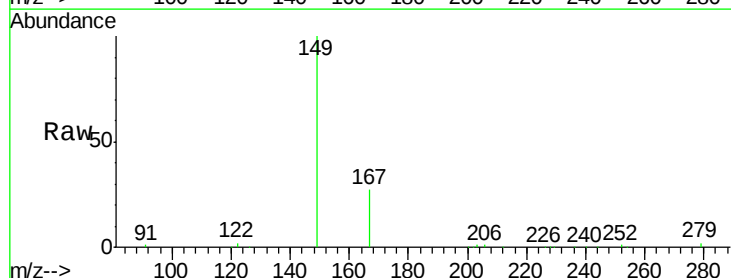
Tgt Ion:149 Resp: 62147

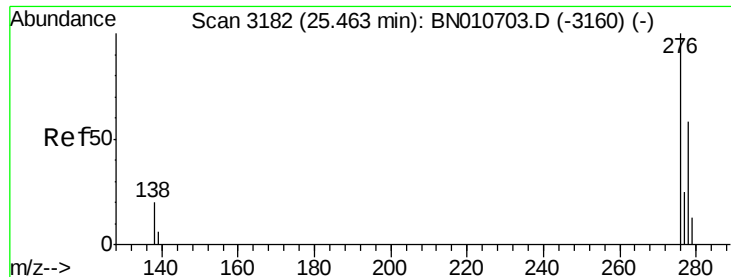
Ion Ratio Lower Upper

149 100

167 28.7 22.5 33.7

279 4.7 4.1 6.1





#33

Indeno(1,2,3-cd)pyrene

Concen: 3.29 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

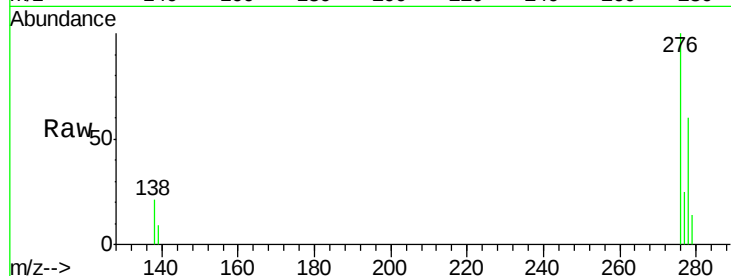
Tgt Ion:276 Resp: 141997

Ion Ratio Lower Upper

276 100

138 21.1 15.1 22.7

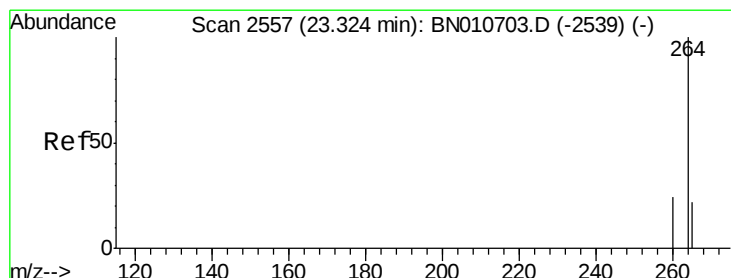
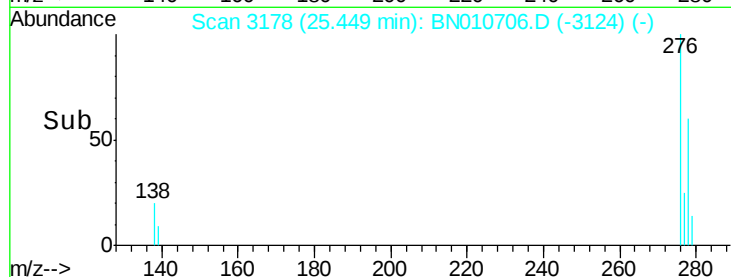
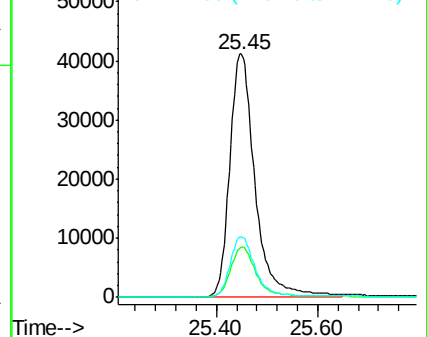
277 24.9 19.4 29.0



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



#34

Perylene-d12

Concen: 0.40 ng

RT: 23.32 min Scan# 2555

Delta R.T. -0.01 min

Lab File: BN010706.D

Acq: 13 May 2020 13:09

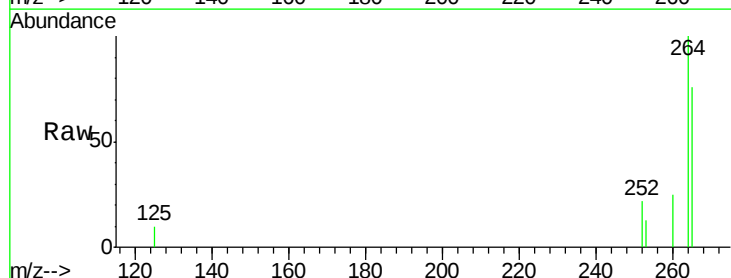
Tgt Ion:264 Resp: 13256

Ion Ratio Lower Upper

264 100

260 24.9 19.6 29.4

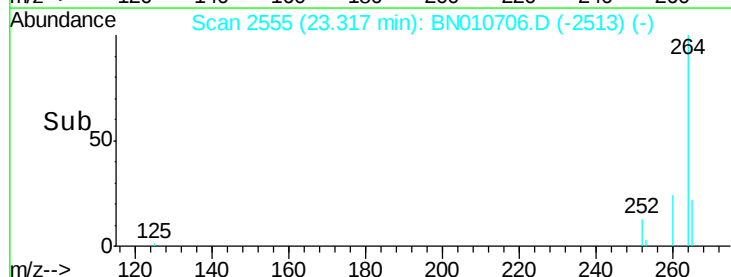
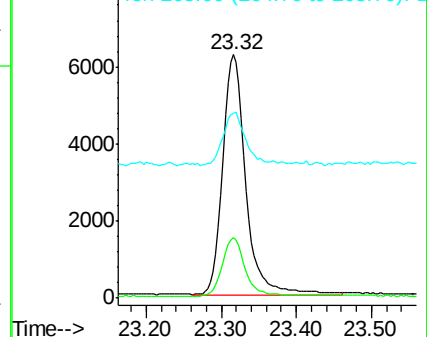
265 75.7 70.1 105.1

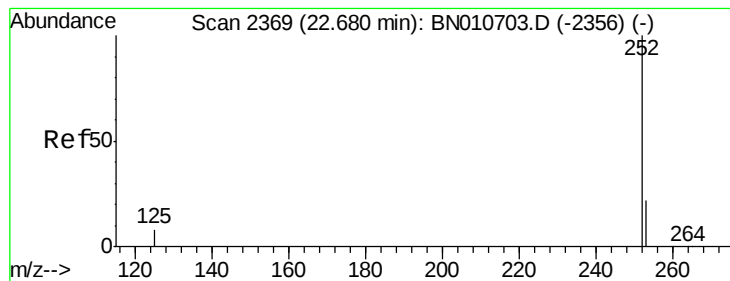


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 3.37 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

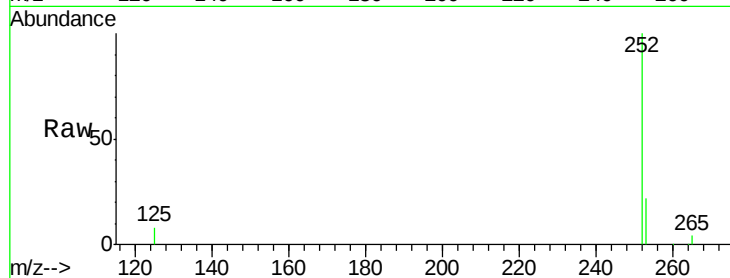
Tgt Ion:252 Resp: 146914

Ion Ratio Lower Upper

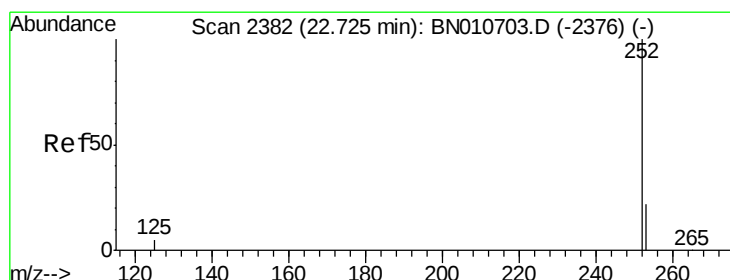
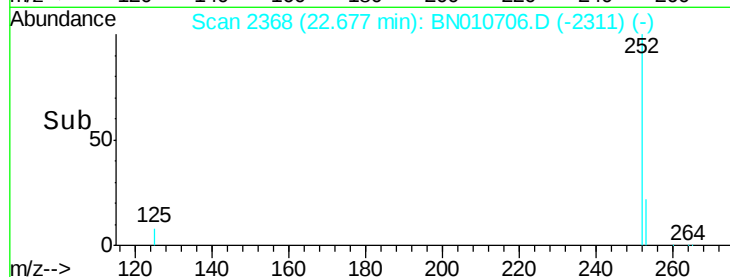
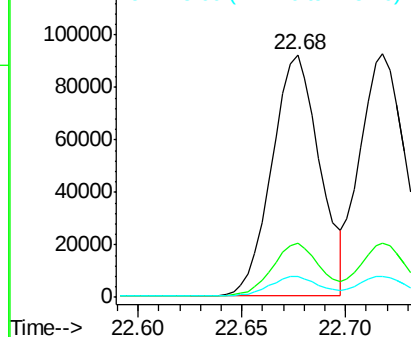
252 100

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: 3.45 ng

RT: 22.72 min Scan# 2380

Delta R.T. -0.01 min

Lab File: BN010706.D

Acq: 13 May 2020 13:09

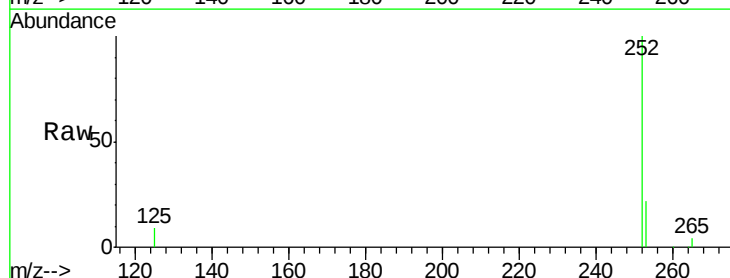
Tgt Ion:252 Resp: 150904

Ion Ratio Lower Upper

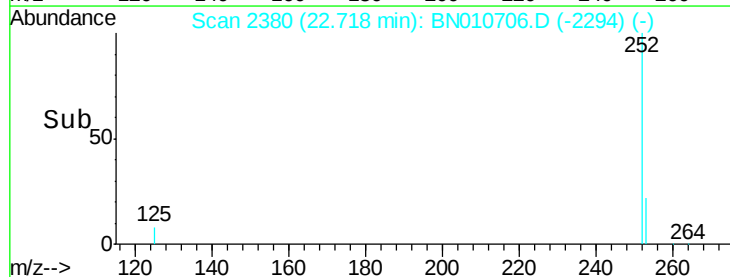
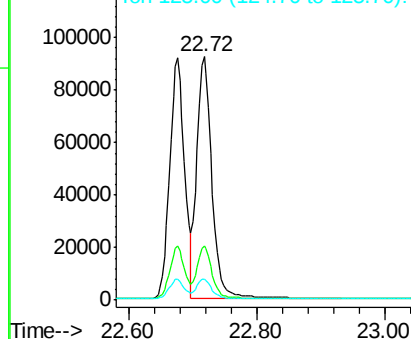
252 100

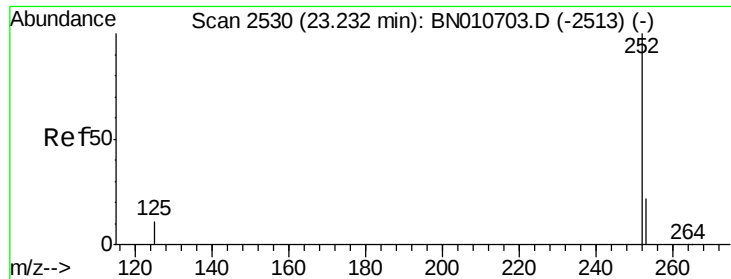
253 22.4 21.9 32.9

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: 3.25 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

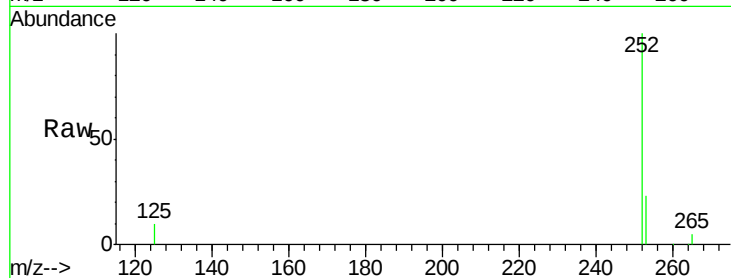
Tgt Ion:252 Resp: 125649

Ion Ratio Lower Upper

252 100

253 22.6 24.8 37.2#

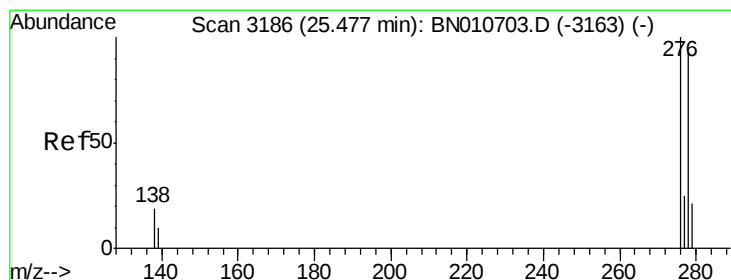
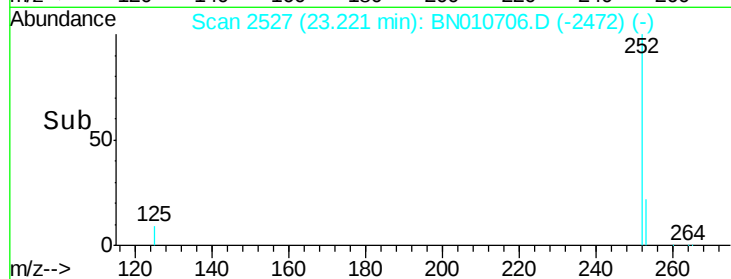
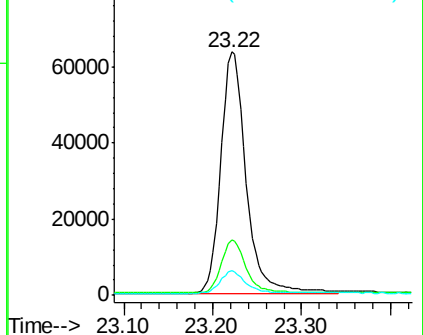
125 10.0 15.8 23.6#



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: 3.14 ng

RT: 25.46 min Scan# 3182

Delta R.T. -0.01 min

Lab File: BN010706.D

Acq: 13 May 2020 13:09

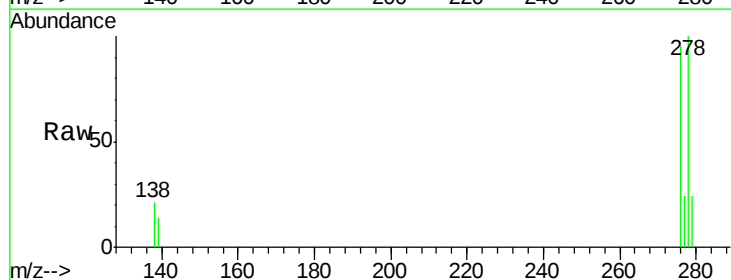
Tgt Ion:278 Resp: 110932

Ion Ratio Lower Upper

278 100

139 13.9 13.0 19.4

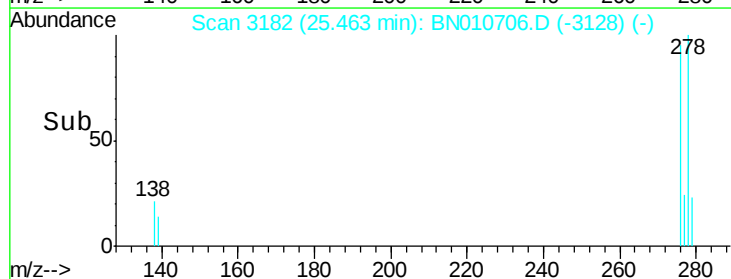
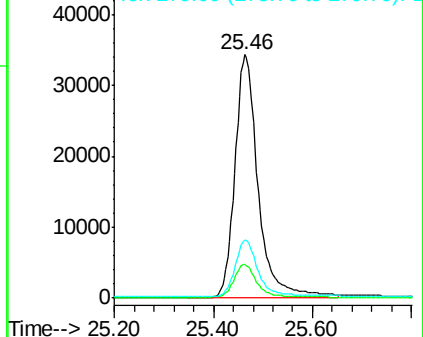
279 23.9 25.1 37.7#

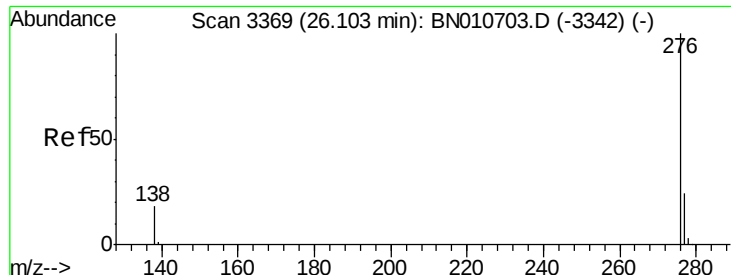


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 3.40 ng

RT: 26.09 min Scan# 3365

Delta R.T. -0.01 min

Lab File: BN010706.D

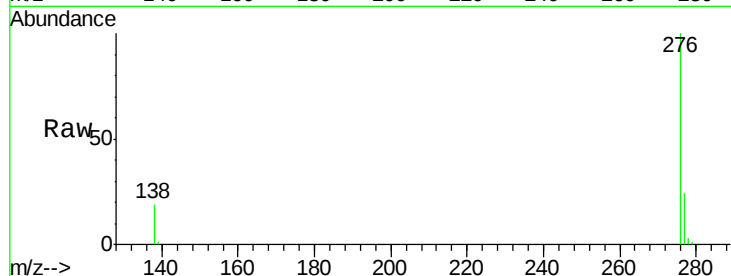
Acq: 13 May 2020 13:09

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2



Tgt Ion: 276 Resp: 120957

Ion Ratio Lower Upper

276 100

277 23.8 20.6 30.8

138 18.5 16.0 24.0

