

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN051420\
 Data File : BN010711.D
 Acq On : 14 May 2020 13:06
 Operator : CG/JU
 Sample : PB128648BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB128648BL

Quant Time: May 14 13:36:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN051320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 14 12:56:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	6321	0.40	ng	0.00
7) Naphthalene-d8	10.33	136	24165	0.40	ng	0.00
13) Acenaphthene-d10	14.21	164	15146	0.40	ng	0.02
19) Phenanthrene-d10	16.96	188	32438	0.40	ng	0.00
27) Chrysene-d12	21.17	240	25719	0.40	ng	0.01
34) Perylene-d12	23.33	264	23421	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.21	112	2696	0.22	ng	0.00
5) Phenol-d6	6.77	99	2848	0.19	ng	0.00
8) Nitrobenzene-d5	8.71	82	3559	0.21	ng	0.00
11) 2-Methylnaphthalene-d10	11.93	152	7904	0.20	ng	0.00
14) 2,4,6-Tribromophenol	15.74	330	844	0.15	ng	0.03
15) 2-Fluorobiphenyl	12.83	172	11031	0.20	ng	0.00
25) Fluoranthene-d10	19.00	212	16339	0.19	ng	0.00
29) Terphenyl-d14	19.61	244	12243	0.20	ng	0.01

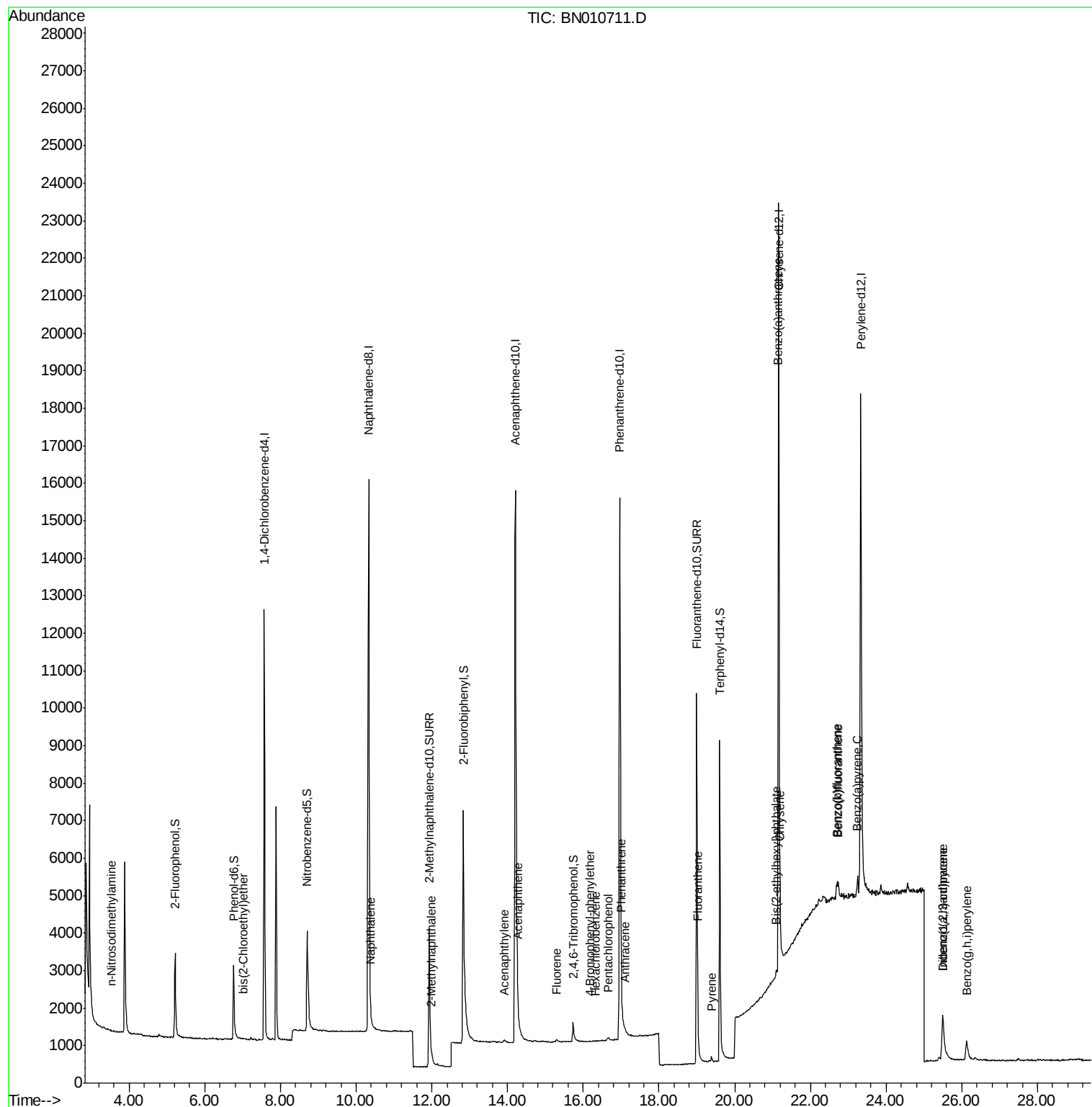
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.55	42	12	0.004	ng	# 26
6) bis(2-Chloroethyl)ether	7.02	93	17	0.001	ng	# 88
9) Naphthalene	10.38	128	118	0.002	ng	# 1
12) 2-Methylnaphthalene	12.00	142	81	0.002	ng	# 62
16) Acenaphthylene	13.92	152	112	0.002	ng	# 75
17) Acenaphthene	14.26	154	62	0.001	ng	# 82
18) Fluorene	15.29	166	72	0.001	ng	# 74
20) 4-Bromophenyl-phenylether	16.18	248	3	0.000	ng	# 64
21) Hexachlorobenzene	16.31	284	27	0.001	ng	# 73
22) Pentachlorophenol	16.65	266	101	0.015	ng	# 70
23) Phenanthrene	17.00	178	149	0.002	ng	# 54
24) Anthracene	17.10	178	106	0.001	ng	# 68
26) Fluoranthene	19.03	202	158	0.002	ng	# 92
28) Pyrene	19.39	202	168	0.002	ng	# 98
30) Benzo(a)anthracene	21.16	228	385	0.005	ng	# 66
31) Chrysene	21.20	228	438	0.005	ng	# 73
32) Bis(2-ethylhexyl)phthalate	21.10	149	184	0.006	ng	# 97
33) Indeno(1,2,3-cd)pyrene	25.49	276	2038	0.027	ng	# 96
35) Benzo(b)fluoranthene	22.70	252	602	0.008	ng	# 1
36) Benzo(k)fluoranthene	22.74	252	676	0.008	ng	# 1
37) Benzo(a)pyrene	23.25	252	618	0.009	ng	# 1
38) Dibenzo(a,h)anthracene	25.51	278	1759	0.031	ng	# 46
39) Benzo(g,h,i)perylene	26.13	276	1432	0.021	ng	# 68

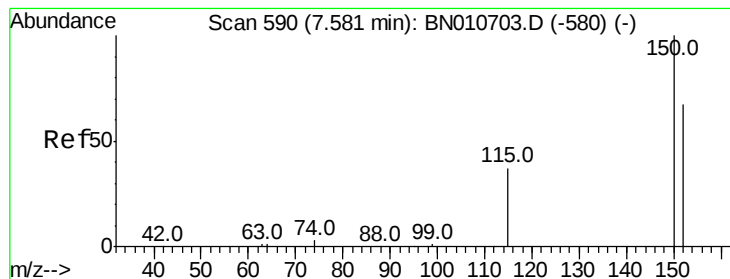
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 14 12:56:11 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.57 min Scan# 589

Delta R.T. -0.00 min

Lab File: BN010711.D

Acq: 14 May 2020 13:06

Instrument :

BNA_N

ClientSampleId :

PB128648BL

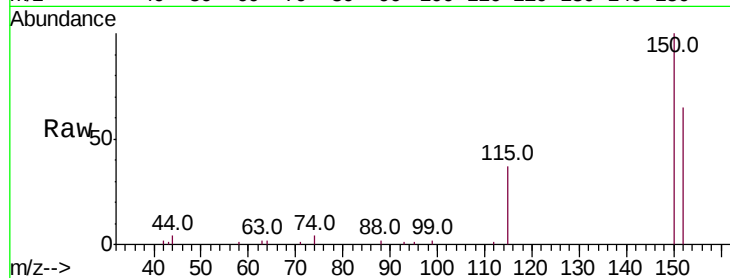
Tot Ion:152 Resp: 6321

Ion Ratio Lower Upper

152 100

150 153.5 119.4 179.0

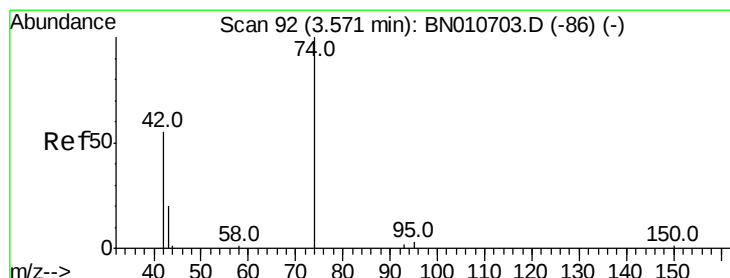
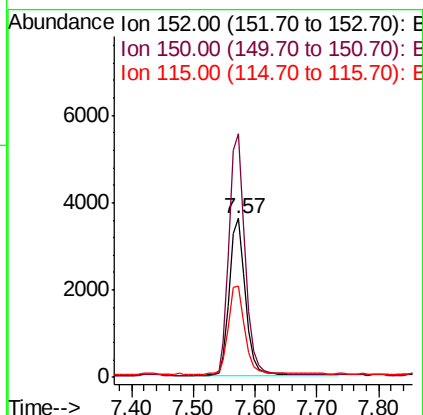
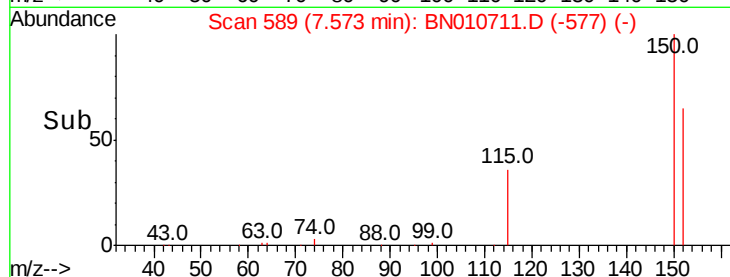
115 57.5 45.9 68.9



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



#3

n-Nitrosodimethylamine

Concen: 0.004 ng

RT: 3.55 min Scan# 89

Delta R.T. -0.02 min

Lab File: BN010711.D

Acq: 14 May 2020 13:06

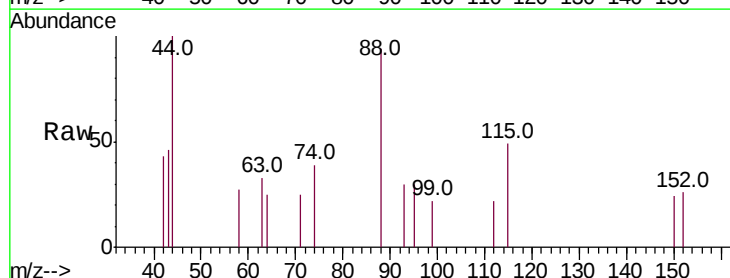
Tgt Ion: 42 Resp: 12

Ion Ratio Lower Upper

42 100

74 75.0 146.2 219.2#

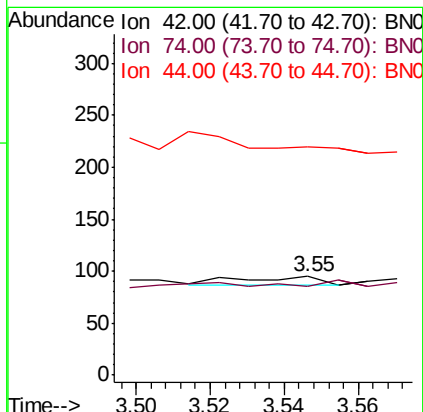
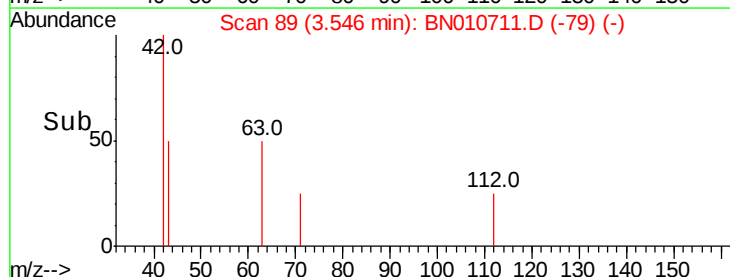
44 0.0 3.0 4.4#

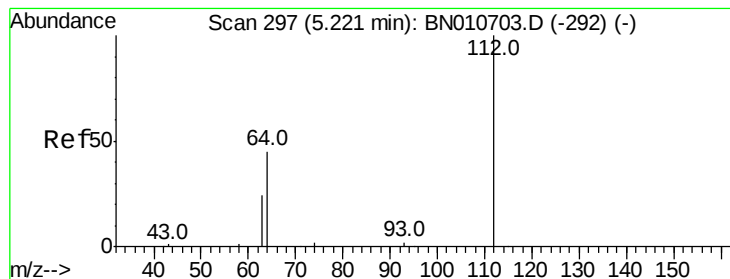


Abundance Ion 42.00 (41.70 to 42.70): BNC

Ion 74.00 (73.70 to 74.70): BNC

Ion 44.00 (43.70 to 44.70): BNC





#4

2-Fluorophenol

Concen: 0.218 ng

RT: 5.21 min Scan# 296

Delta R.T. -0.00 min

Lab File: BN010711.D

Acq: 14 May 2020 13:06

Instrument :

BNA_N

ClientSampleId :

PB128648BL

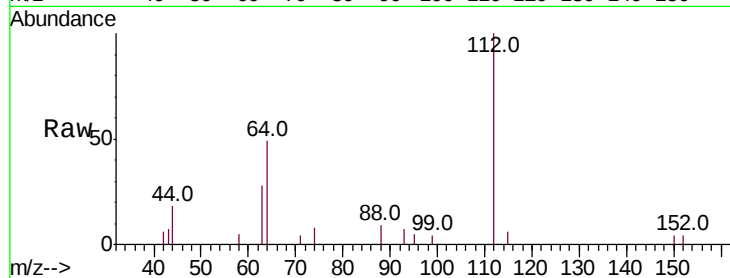
Tot Ion:112 Resp: 2696

Ion Ratio Lower Upper

112 100

64 45.4 36.2 54.4

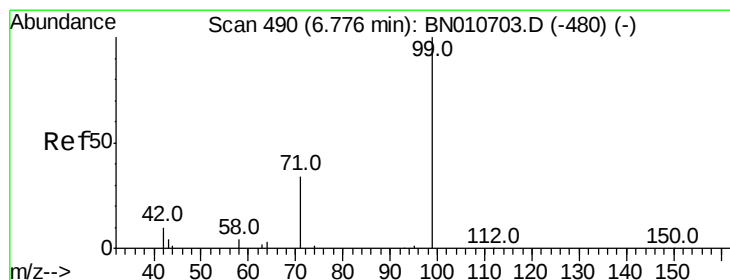
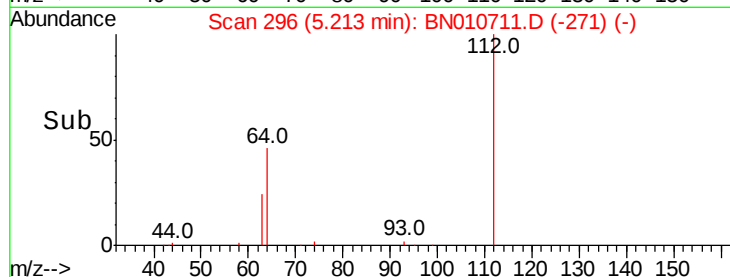
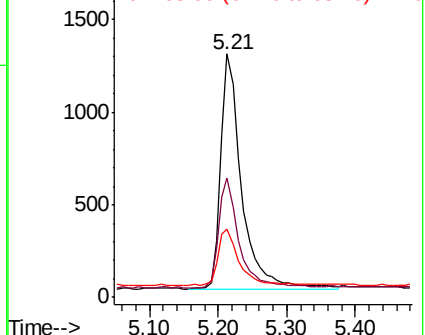
63 25.1 19.8 29.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNO

Ion 63.00 (62.70 to 63.70): BNO



#5

Phenol-d6

Concen: 0.188 ng

RT: 6.77 min Scan# 489

Delta R.T. -0.00 min

Lab File: BN010711.D

Acq: 14 May 2020 13:06

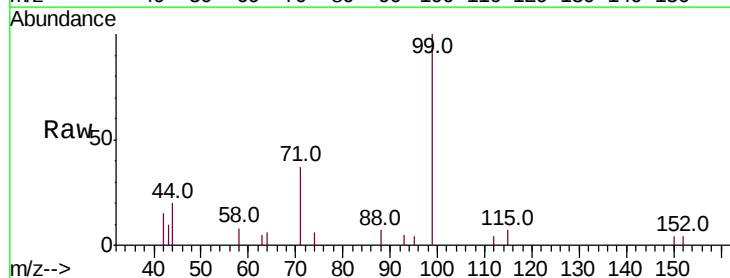
Tgt Ion: 99 Resp: 2848

Ion Ratio Lower Upper

99 100

42 11.9 9.8 14.8

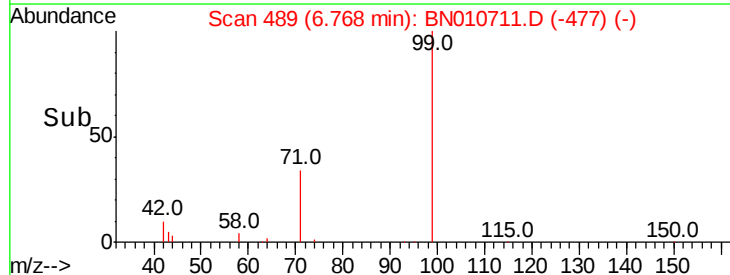
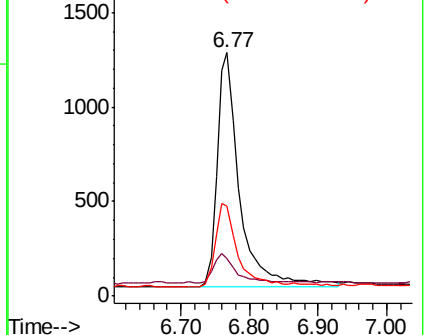
71 36.2 28.6 42.8

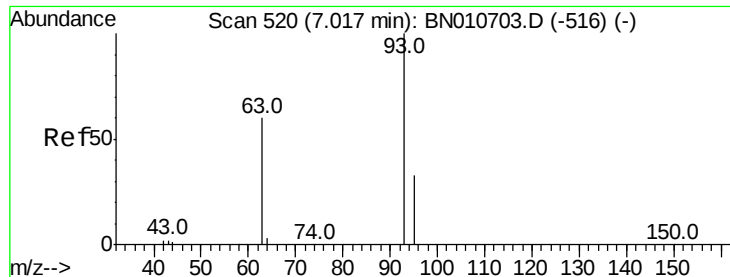


Abundance Ion 99.00 (98.70 to 99.70): BNO

Ion 42.00 (41.70 to 42.70): BNO

Ion 71.00 (70.70 to 71.70): BNO



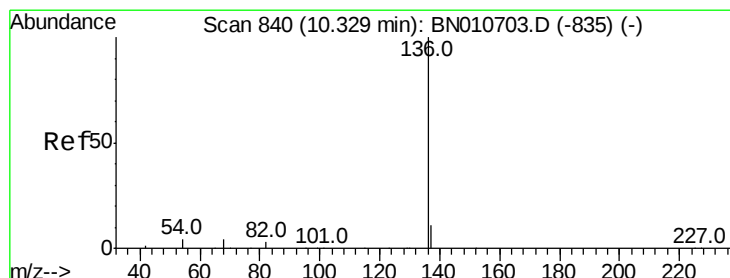
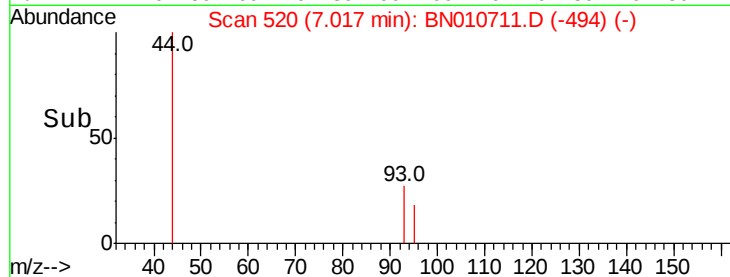
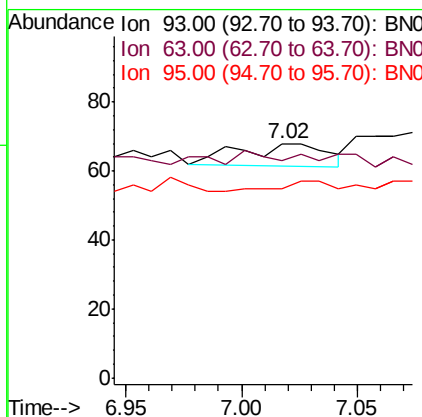
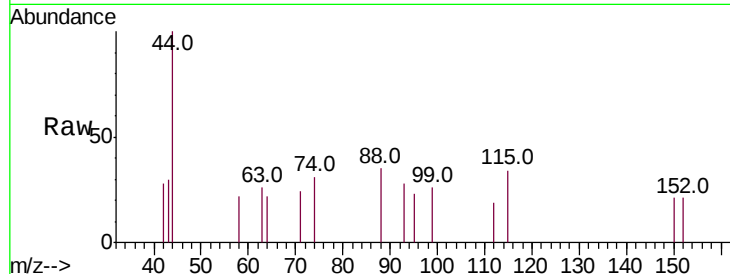


#6

bis(2-Chloroethyl)ether
Concen: 0.001 ng
RT: 7.02 min Scan# 520
Delta R.T. 0.01 min
Lab File: BN010711.D
Acq: 14 May 2020 13:06

Instrument :
BNA_N
ClientSampleId :
PB128648BL

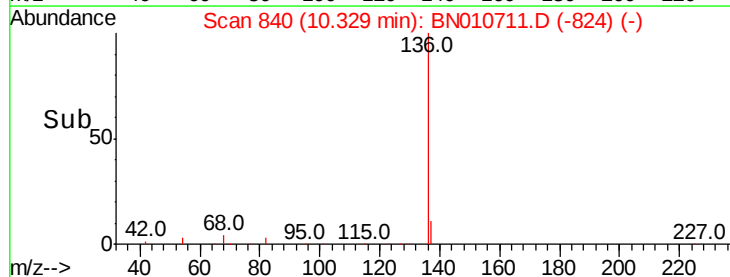
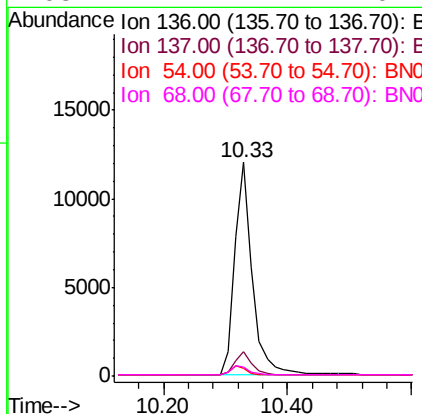
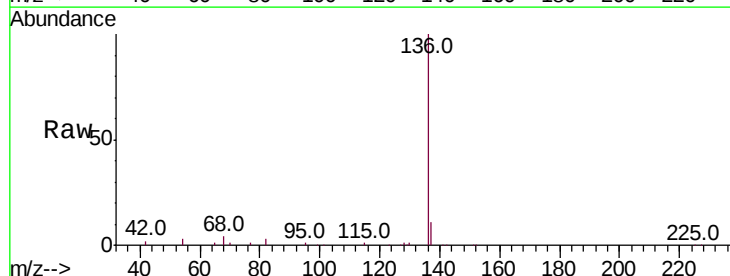
Tot Ion	Ratio	Lower	Upper
93	100		
63	41.2	43.1	64.7#
95	29.4	24.6	37.0

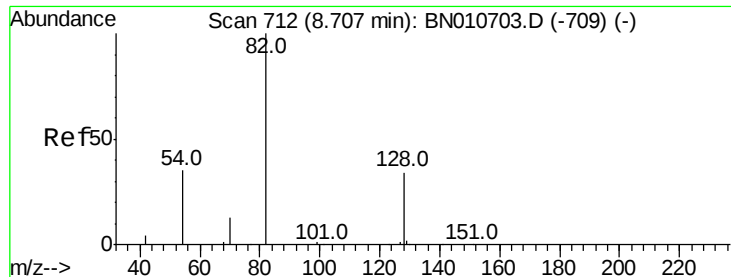


#7

Naphthalene-d8
Concen: 0.400 ng
RT: 10.33 min Scan# 840
Delta R.T. -0.00 min
Lab File: BN010711.D
Acq: 14 May 2020 13:06

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	3.5	3.6	5.4#
68	4.4	4.1	6.1





#8

Nitrobenzene-d5

Concen: 0.212 ng

RT: 8.71 min Scan# 712

Delta R.T. -0.00 min

Lab File: BN010711.D

Acq: 14 May 2020 13:06

Instrument :

BNA_N

ClientSampleId :

PB128648BL

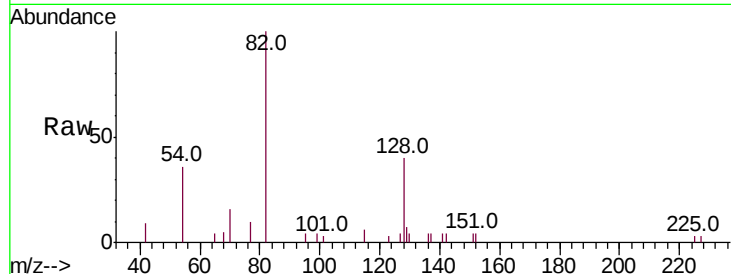
Tot Ion: 82 Resp: 3559

Ion Ratio Lower Upper

82 100

128 40.5 29.0 43.4

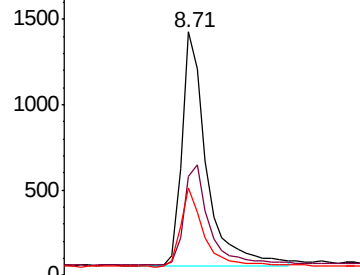
54 35.9 29.3 43.9



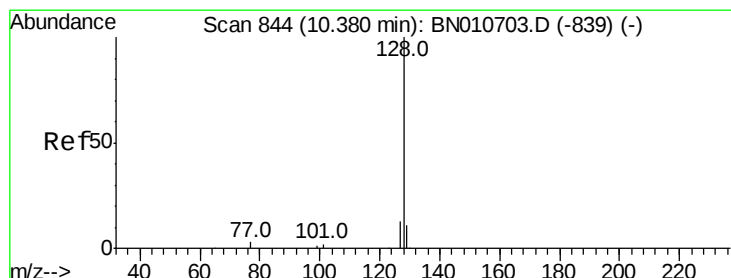
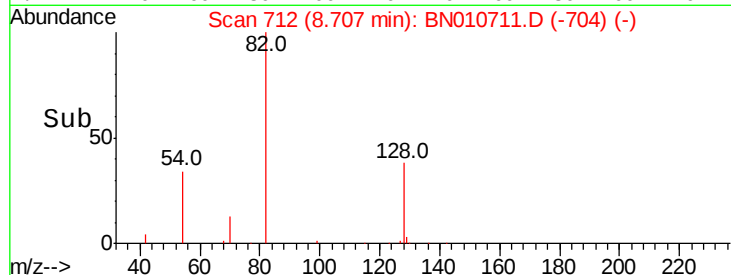
Abundance Ion 82.00 (81.70 to 82.70): BN010711.D (-704) (-)

Ion 128.00 (127.70 to 128.70): BN010711.D (-704) (-)

Ion 54.00 (53.70 to 54.70): BN010711.D (-704) (-)



Time-->



#9

Naphthalene

Concen: 0.002 ng

RT: 10.38 min Scan# 844

Delta R.T. 0.01 min

Lab File: BN010711.D

Acq: 14 May 2020 13:06

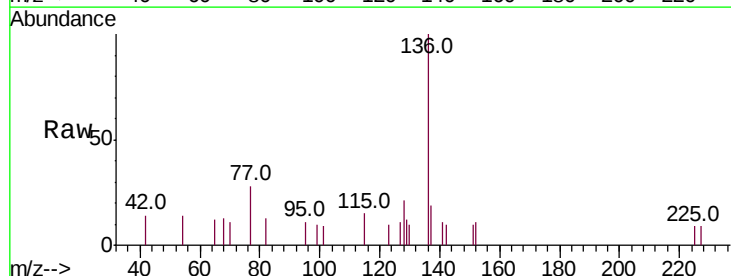
Tgt Ion: 128 Resp: 118

Ion Ratio Lower Upper

128 100

129 57.5 9.3 13.9#

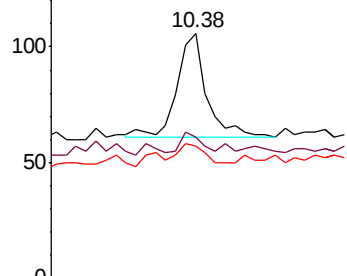
127 53.8 11.0 16.6#



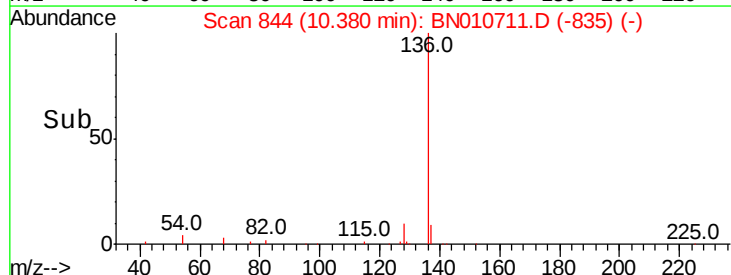
Abundance Ion 128.00 (127.70 to 128.70): BN010711.D (-835) (-)

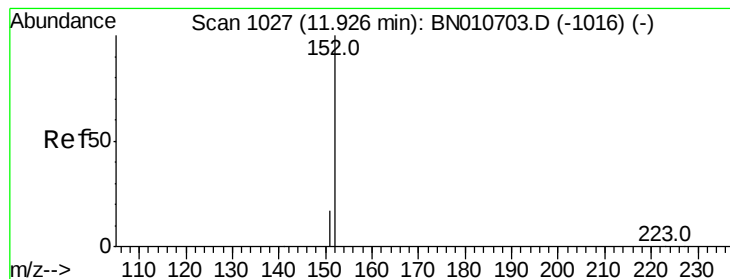
Ion 129.00 (128.70 to 129.70): BN010711.D (-835) (-)

Ion 127.00 (126.70 to 127.70): BN010711.D (-835) (-)



Time-->





#11

2-Methylnaphthalene-d10

Concen: 0.201 ng

RT: 11.93 min Scan# 1028

Delta R.T. 0.01 min

Lab File: BN010711.D

Acq: 14 May 2020 13:06

Instrument :

BNA_N

ClientSampleId :

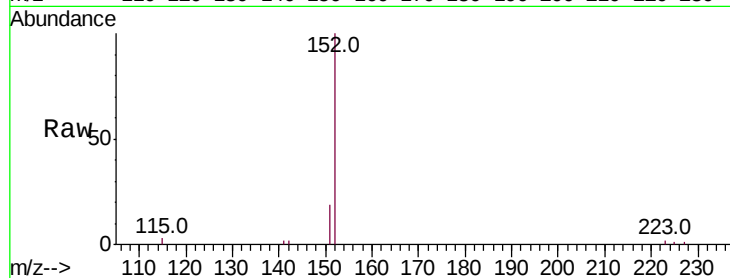
PB128648BL

Tot Ion:152 Resp: 7904

Ion Ratio Lower Upper

152 100

151 18.7 15.0 22.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.93

3000

2000

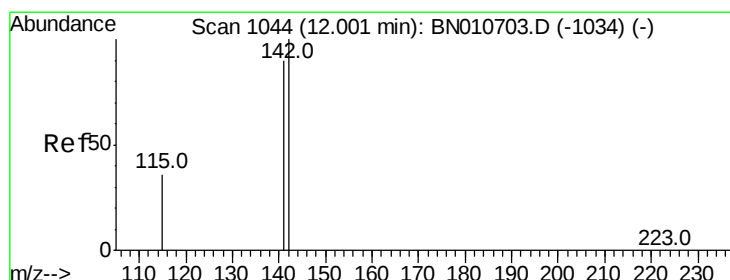
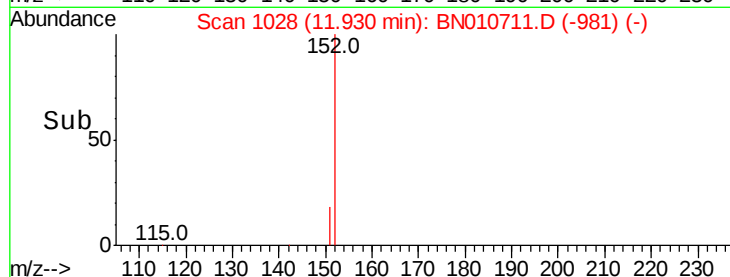
1000

0

Time-->

11.80

12.00



#12

2-Methylnaphthalene

Concen: 0.002 ng

RT: 12.00 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BN010711.D

Acq: 14 May 2020 13:06

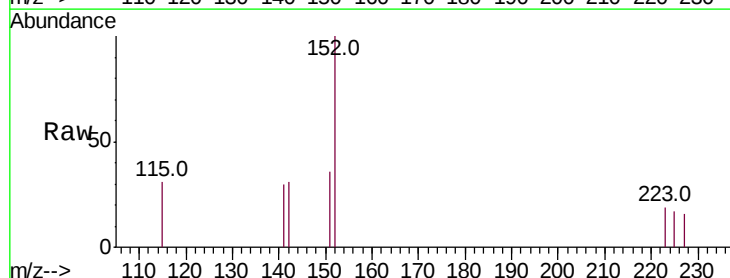
Tgt Ion:142 Resp: 81

Ion Ratio Lower Upper

142 100

141 98.8 71.7 107.5

115 101.2 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

12.00

120

100

80

60

40

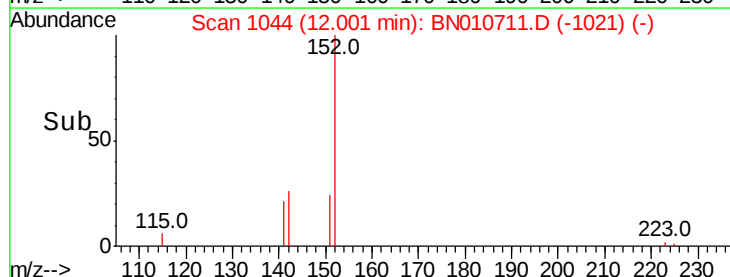
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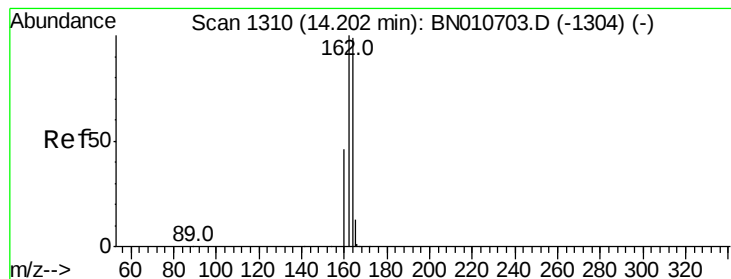
0

Time-->

12.00

12.10





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.21 min Scan# 1310

Delta R.T. 0.02 min

Lab File: BN010711.D

Acq: 14 May 2020 13:06

Instrument :

BNA_N

ClientSampleId :

PB128648BL

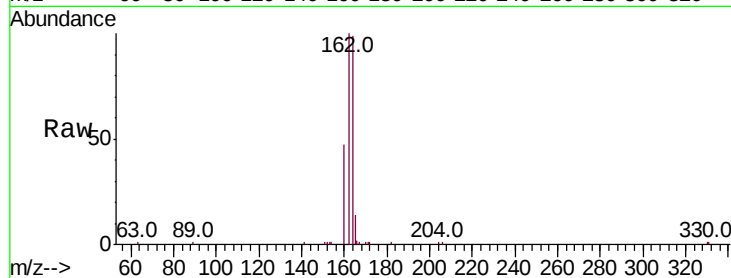
Tot Ion:164 Resp: 15146

Ion Ratio Lower Upper

164 100

162 100.8 81.1 121.7

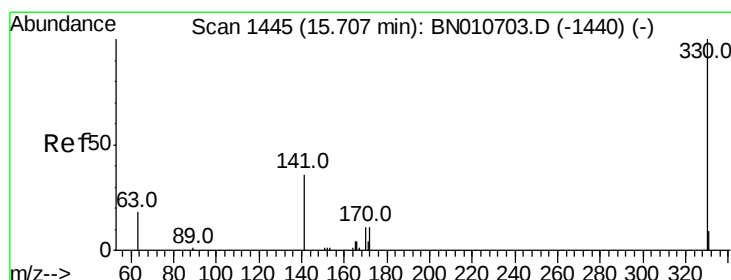
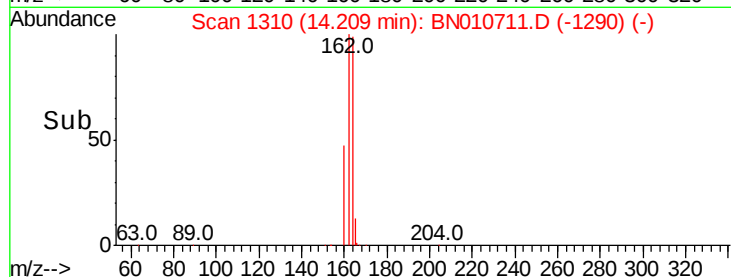
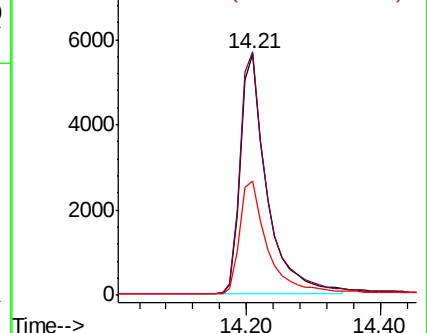
160 47.6 37.9 56.9



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: 0.154 ng

RT: 15.74 min Scan# 1447

Delta R.T. 0.03 min

Lab File: BN010711.D

Acq: 14 May 2020 13:06

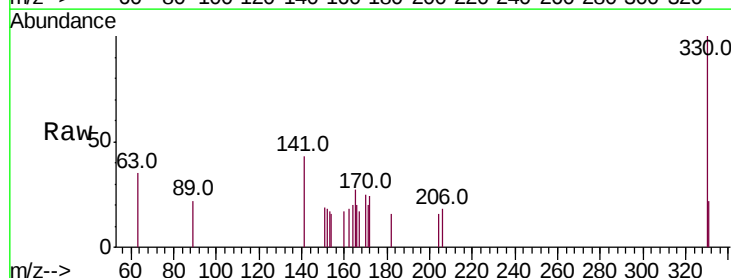
Tgt Ion:330 Resp: 844

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

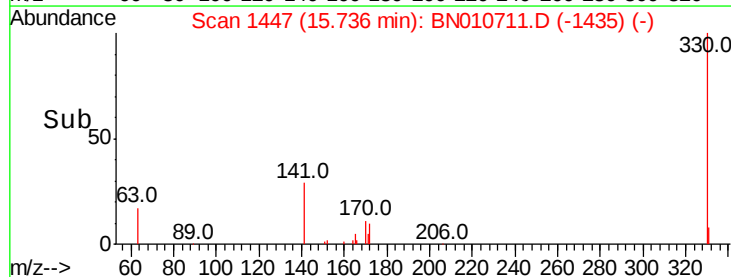
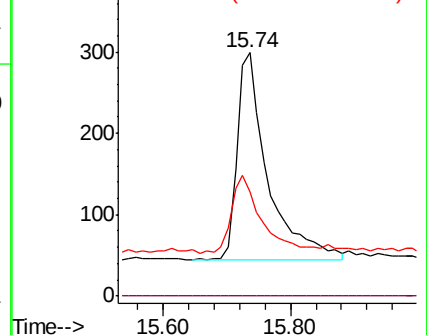
141 38.9 28.8 43.2

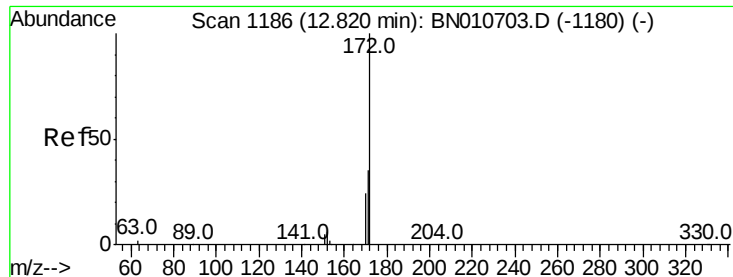


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

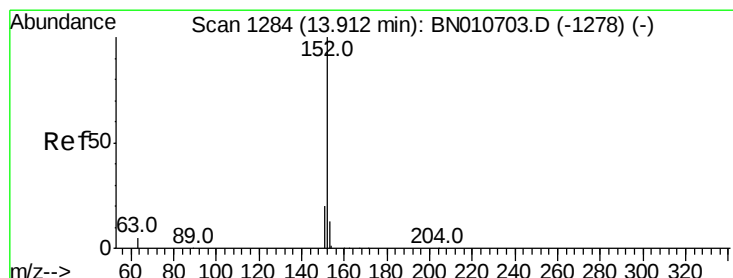
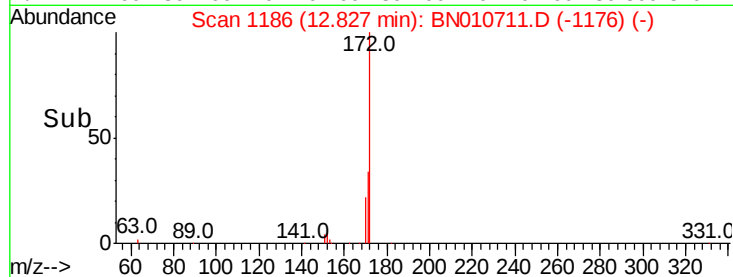
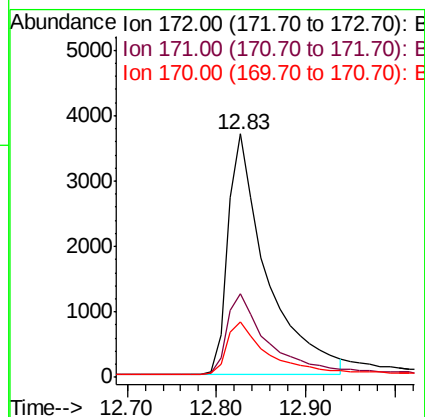
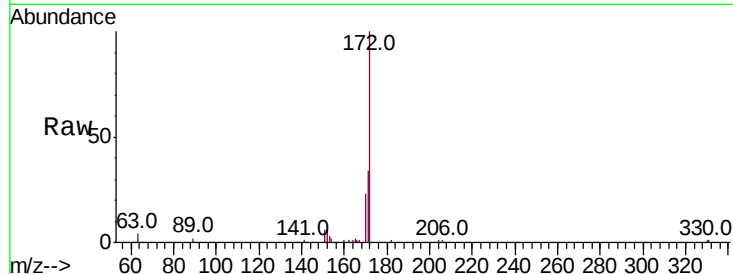




#15
2-Fluorobiphenyl
Concen: 0.199 ng
RT: 12.83 min Scan# 1186
Delta R.T. 0.01 min
Lab File: BN010711.D
Acq: 14 May 2020 13:06

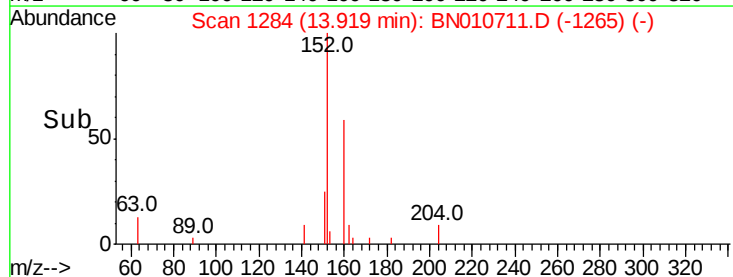
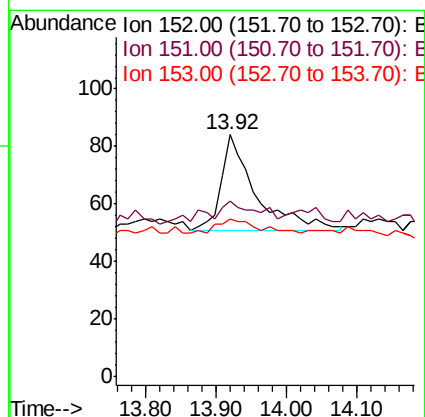
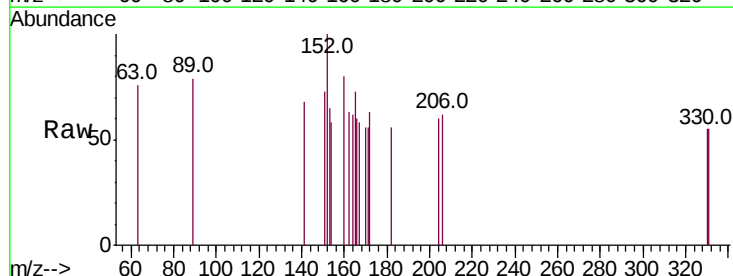
Instrument :
BNA_N
ClientSampleId :
PB128648BL

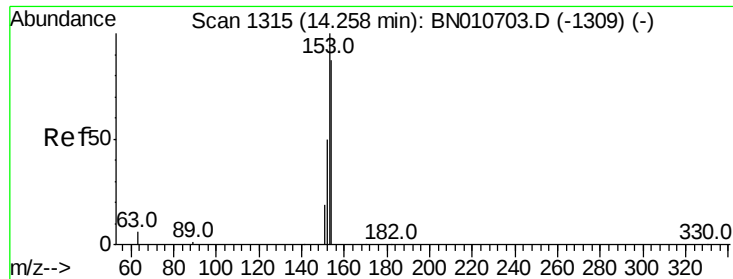
Tot Ion:172 Resp: 11031
Ion Ratio Lower Upper
172 100
171 34.3 28.6 42.8
170 23.0 19.8 29.8



#16
Acenaphthylene
Concen: 0.002 ng
RT: 13.92 min Scan# 1284
Delta R.T. 0.01 min
Lab File: BN010711.D
Acq: 14 May 2020 13:06

Tgt Ion:152 Resp: 112
Ion Ratio Lower Upper
152 100
151 35.7 15.6 23.4#
153 17.0 10.4 15.6#





#17

Acenaphthene

Concen: 0.001 ng

RT: 14.26 min Scan# 1315

Delta R.T. 0.01 min

Lab File: BN010711.D

Acq: 14 May 2020 13:06

Instrument :

BNA_N

ClientSampleId :

PB128648BL

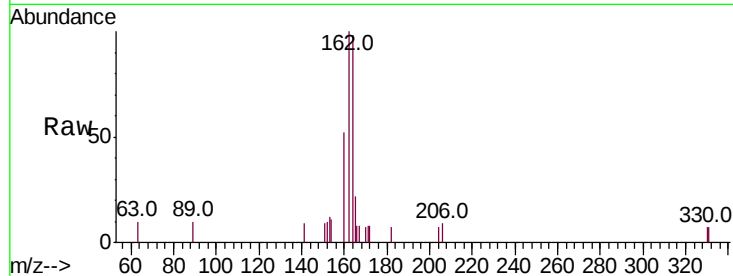
Tot Ion:154 Resp: 62

Ion Ratio Lower Upper

154 100

153 96.8 91.5 137.3

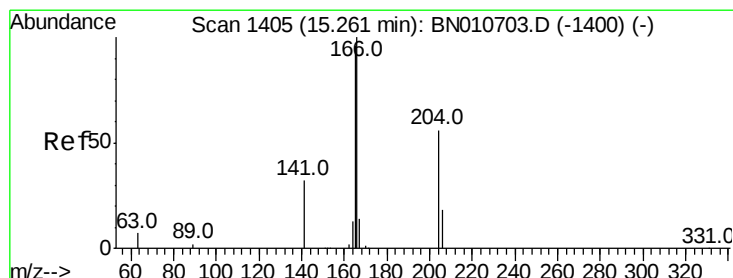
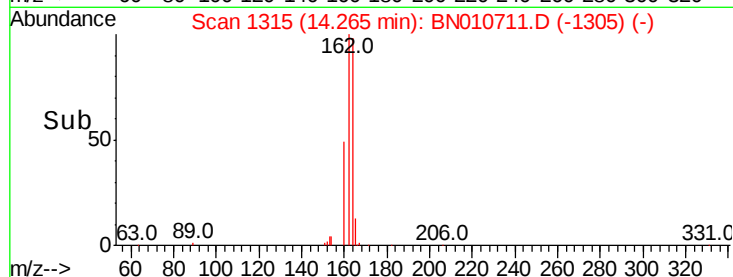
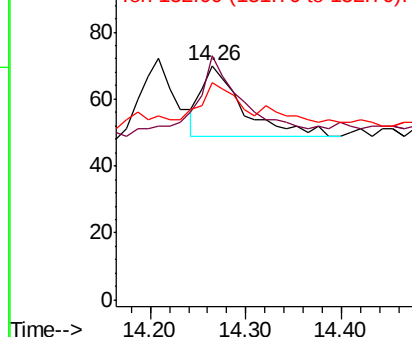
152 40.3 45.6 68.4#



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: 0.001 ng

RT: 15.29 min Scan# 1407

Delta R.T. 0.04 min

Lab File: BN010711.D

Acq: 14 May 2020 13:06

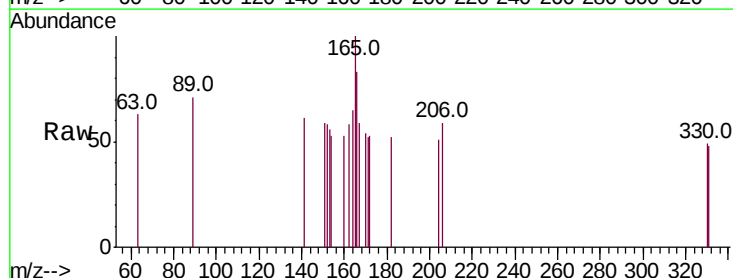
Tgt Ion:166 Resp: 72

Ion Ratio Lower Upper

166 100

165 125.0 77.9 116.9#

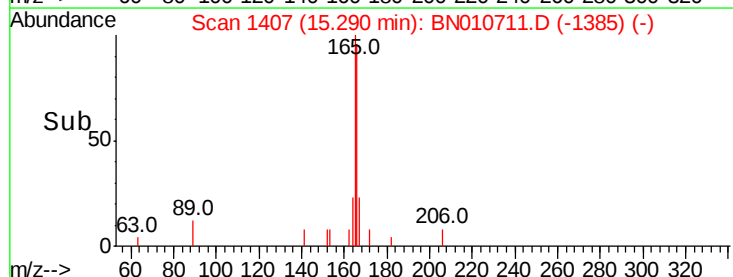
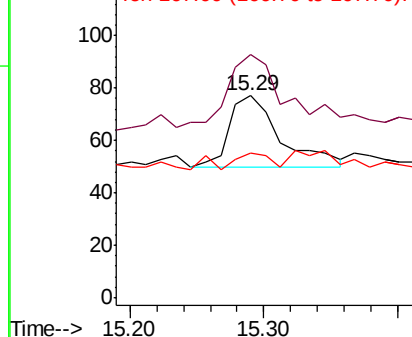
167 19.4 11.0 16.4#

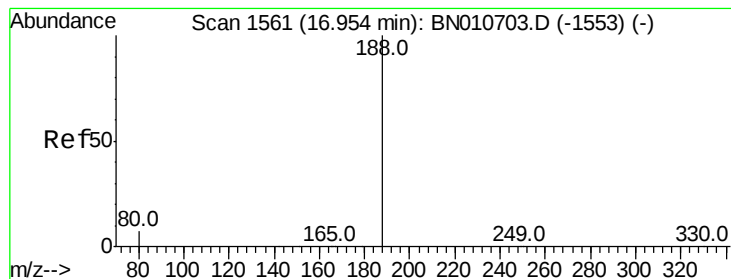


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.96 min Scan# 1561

Delta R.T. 0.01 min

Lab File: BN010711.D

Acq: 14 May 2020 13:06

Instrument :

BNA_N

ClientSampleId :

PB128648BL

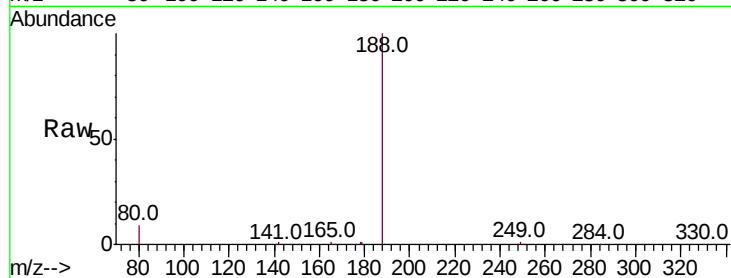
Tot Ion:188 Resp: 32438

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

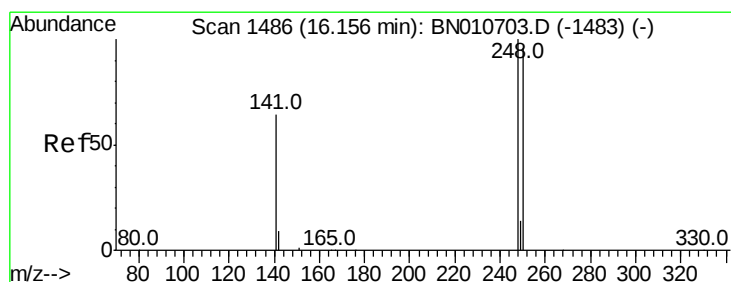
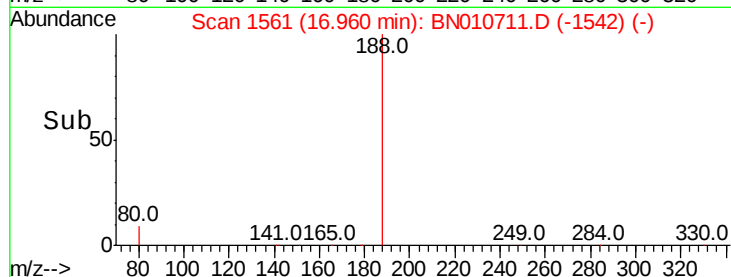
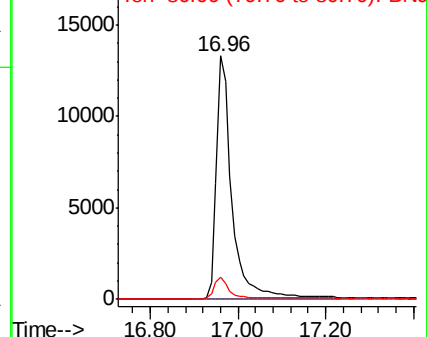
80 9.0 6.3 9.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#20

4-Bromophenyl-phenylether

Concen: 0.000 ng

RT: 16.18 min Scan# 1488

Delta R.T. 0.03 min

Lab File: BN010711.D

Acq: 14 May 2020 13:06

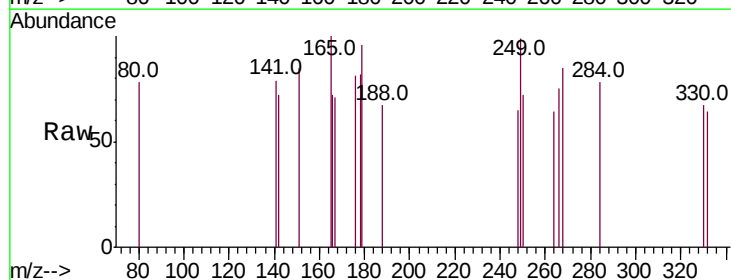
Tgt Ion:248 Resp: 3

Ion Ratio Lower Upper

248 100

250 110.6 77.4 116.0

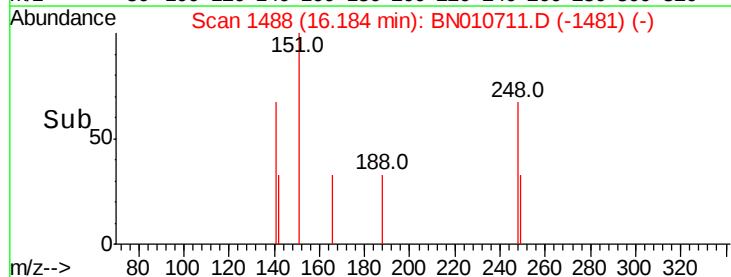
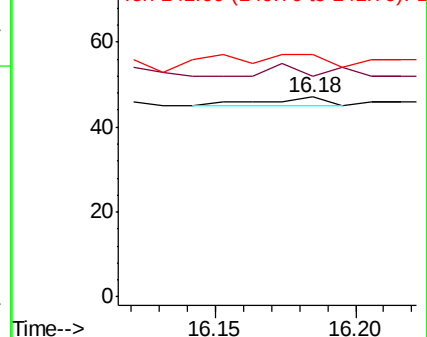
141 121.3 53.1 79.7#

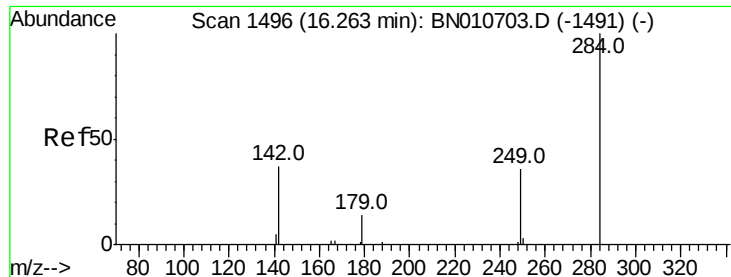


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.001 ng

RT: 16.31 min Scan# 1500

Delta R.T. 0.05 min

Lab File: BN010711.D

Acq: 14 May 2020 13:06

Instrument :

BNA_N

ClientSampleId :

PB128648BL

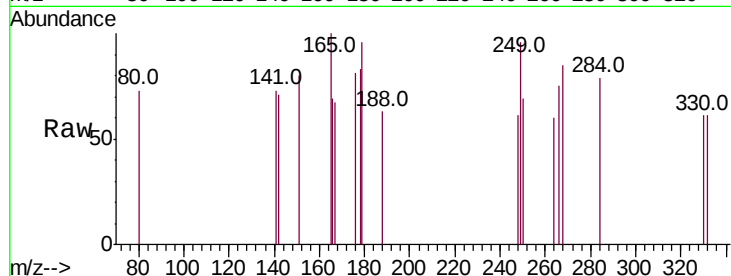
Tot Ion:284 Resp: 27

Ion Ratio Lower Upper

284 100

142 14.8 28.2 42.2#

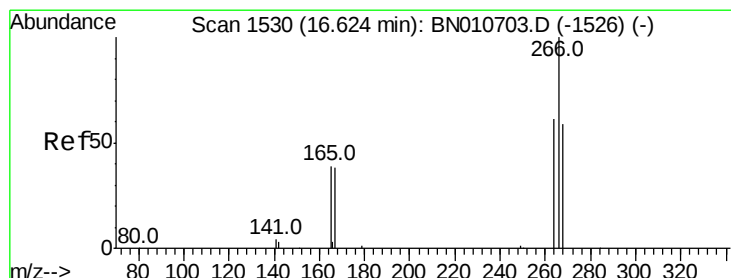
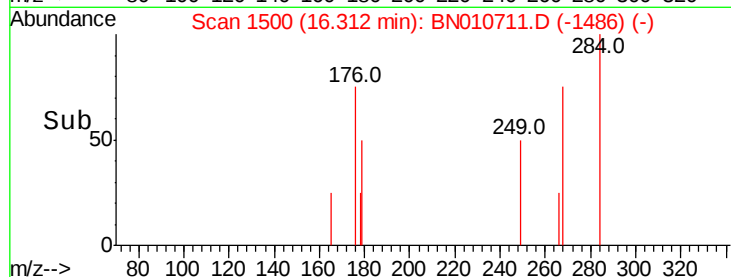
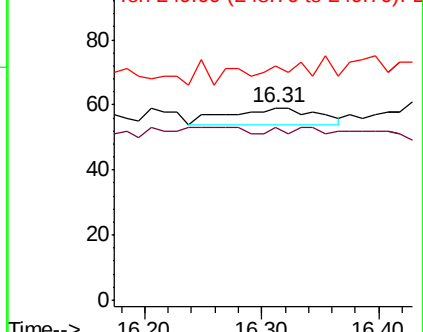
249 22.2 26.4 39.6#



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: 0.015 ng

RT: 16.65 min Scan# 1532

Delta R.T. 0.04 min

Lab File: BN010711.D

Acq: 14 May 2020 13:06

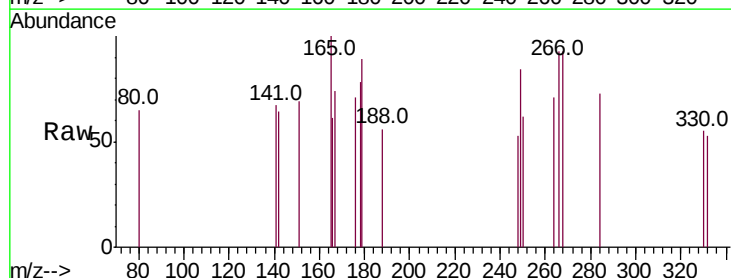
Tgt Ion:266 Resp: 101

Ion Ratio Lower Upper

266 100

264 75.9 51.1 76.7

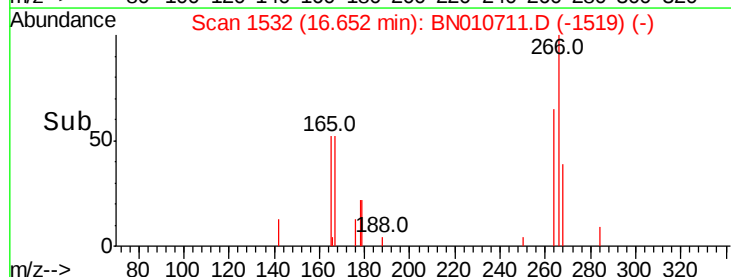
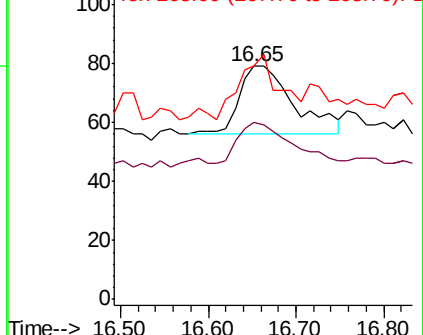
268 100.0 52.1 78.1#

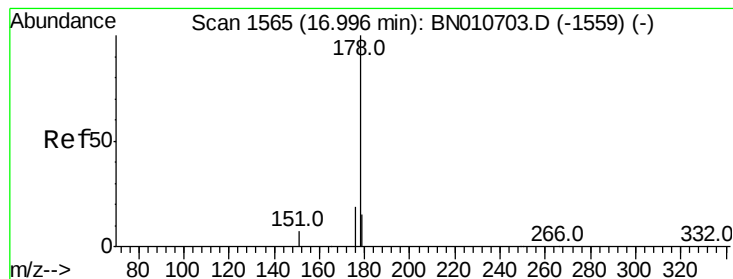


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.002 ng

RT: 17.00 min Scan# 1565

Delta R.T. 0.02 min

Lab File: BN010711.D

Acq: 14 May 2020 13:06

Instrument :

BNA_N

ClientSampleId :

PB128648BL

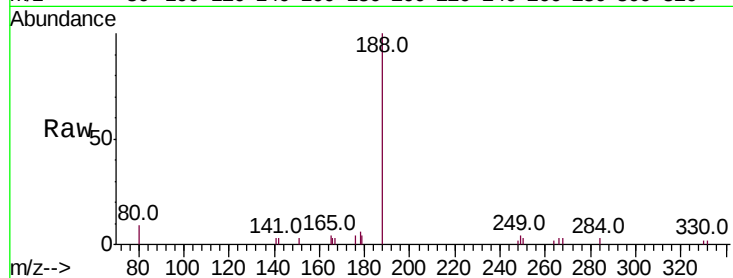
Tot Ion:178 Resp: 149

Ion Ratio Lower Upper

178 100

176 21.5 14.9 22.3

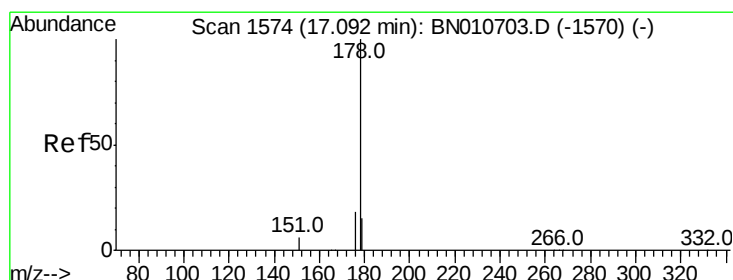
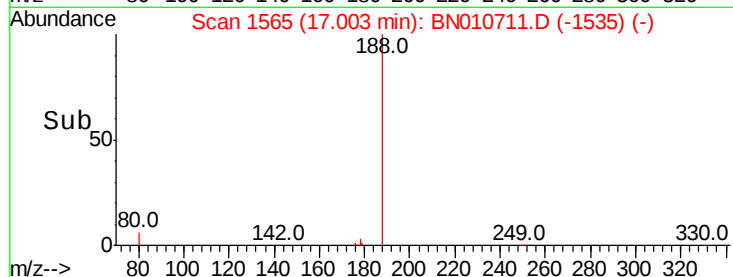
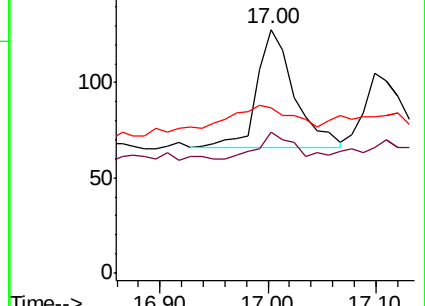
179 54.4 12.2 18.4#



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: 0.001 ng

RT: 17.10 min Scan# 1574

Delta R.T. 0.02 min

Lab File: BN010711.D

Acq: 14 May 2020 13:06

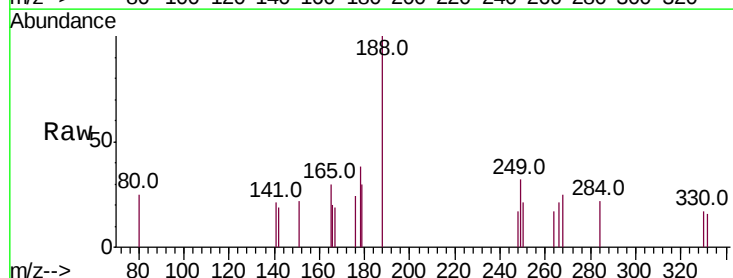
Tgt Ion:178 Resp: 106

Ion Ratio Lower Upper

178 100

176 31.1 14.7 22.1#

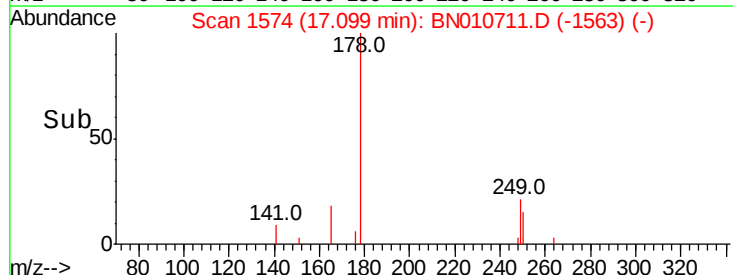
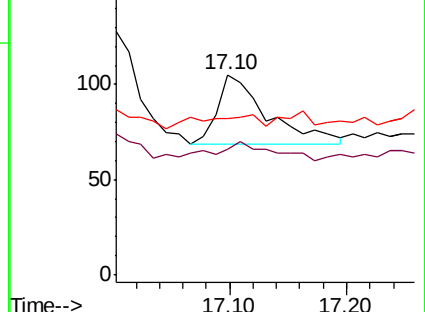
179 0.0 12.3 18.5#

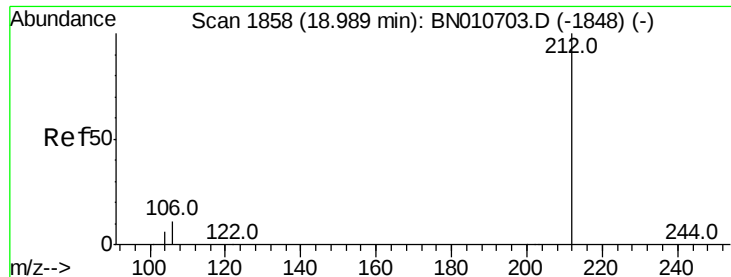


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.186 ng

RT: 19.00 min Scan# 1858

Delta R.T. 0.01 min

Lab File: BN010711.D

Acq: 14 May 2020 13:06

Instrument :

BNA_N

ClientSampleId :

PB128648BL

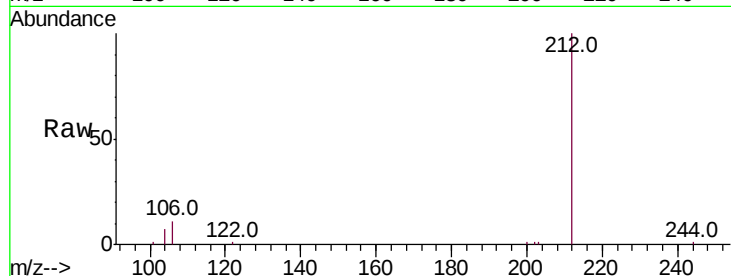
Tot Ion:212 Resp: 16339

Ion Ratio Lower Upper

212 100

106 9.7 8.2 12.2

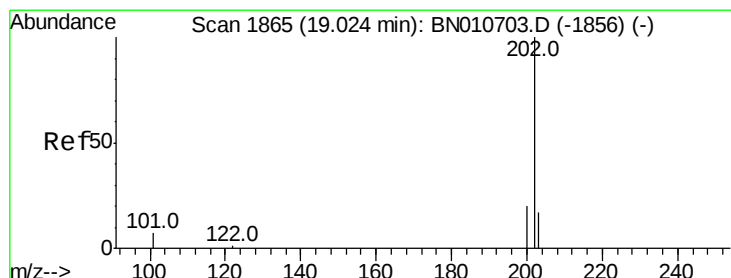
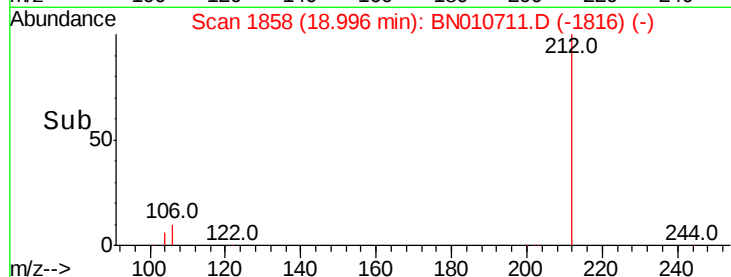
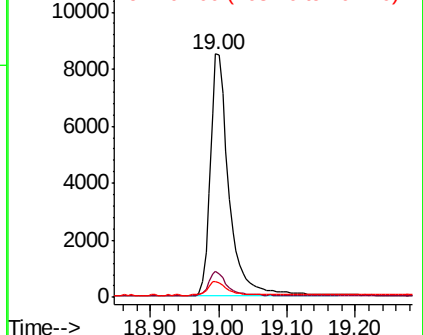
104 6.0 4.7 7.1



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: 0.002 ng

RT: 19.03 min Scan# 1865

Delta R.T. 0.01 min

Lab File: BN010711.D

Acq: 14 May 2020 13:06

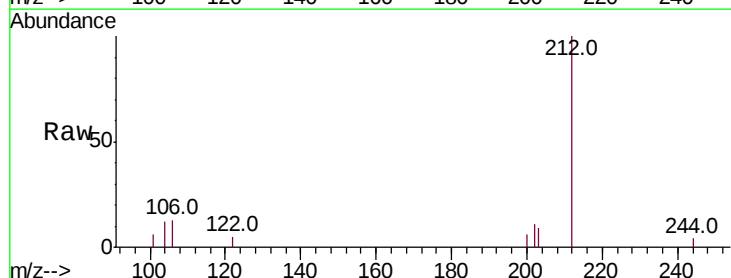
Tgt Ion:202 Resp: 158

Ion Ratio Lower Upper

202 100

101 0.0 6.7 10.1#

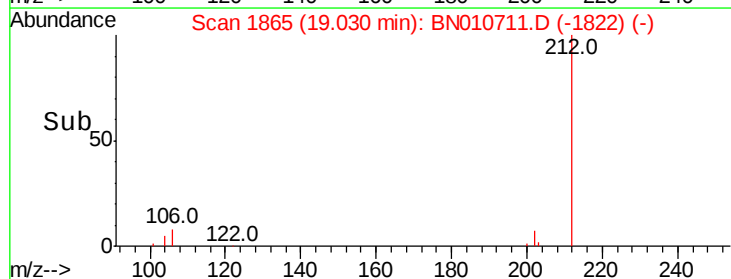
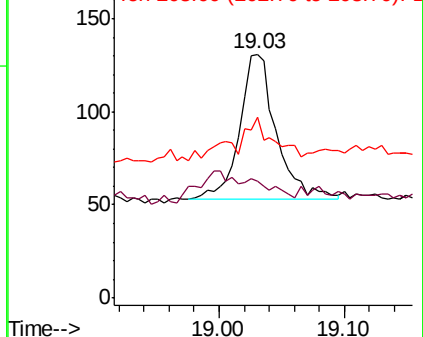
203 17.1 13.4 20.0

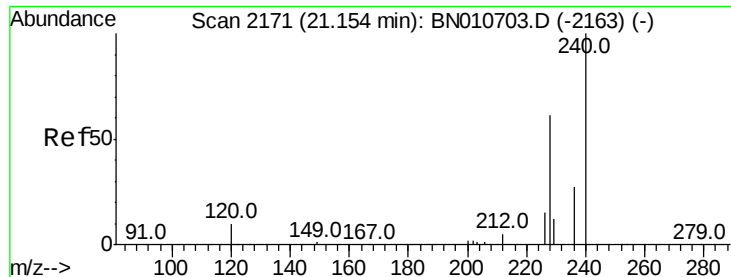


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.17 min Scan# 2171

Delta R.T. 0.01 min

Lab File: BN010711.D

Acq: 14 May 2020 13:06

Instrument :

BNA_N

ClientSampleId :

PB128648BL

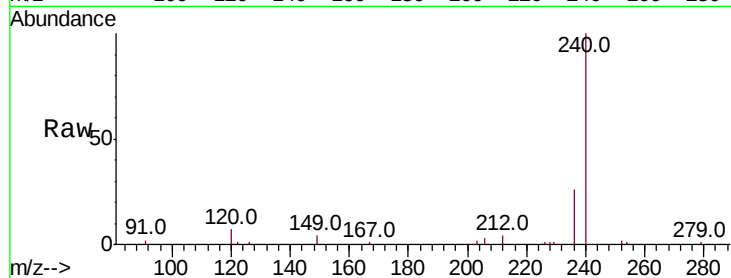
Tot Ion:240 Resp: 25719

Ion Ratio Lower Upper

240 100

120 7.5 9.5 14.3#

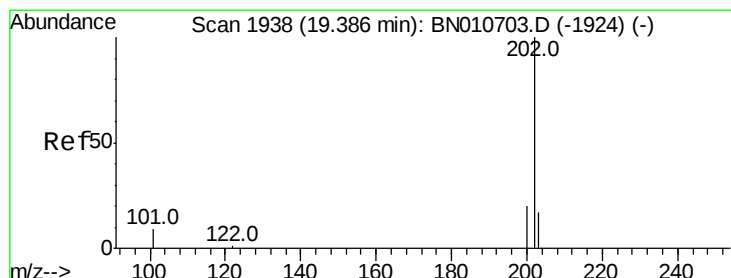
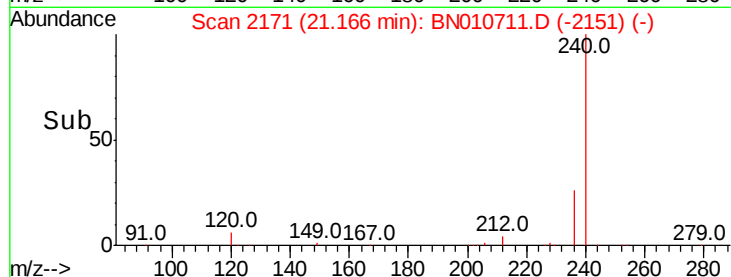
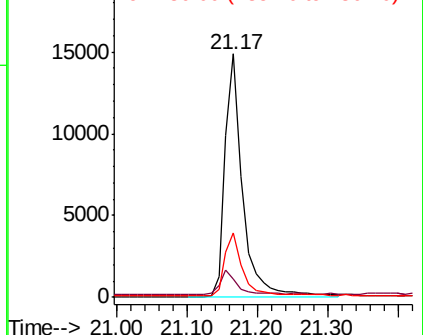
236 26.2 22.5 33.7



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: 0.002 ng

RT: 19.39 min Scan# 1938

Delta R.T. 0.01 min

Lab File: BN010711.D

Acq: 14 May 2020 13:06

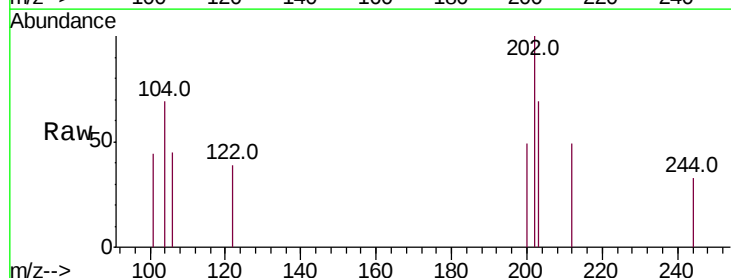
Tgt Ion:202 Resp: 168

Ion Ratio Lower Upper

202 100

200 19.0 16.2 24.4

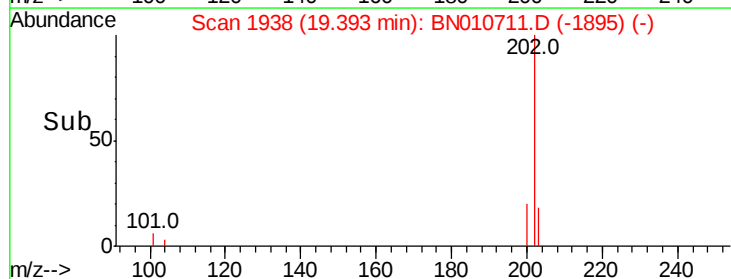
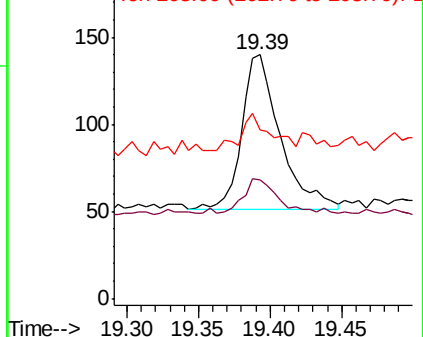
203 17.3 14.1 21.1

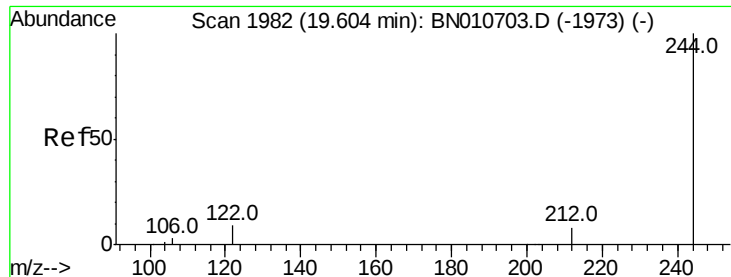


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.201 ng

RT: 19.61 min Scan# 1982

Delta R.T. 0.01 min

Lab File: BN010711.D

Acq: 14 May 2020 13:06

Instrument :

BNA_N

ClientSampleId :

PB128648BL

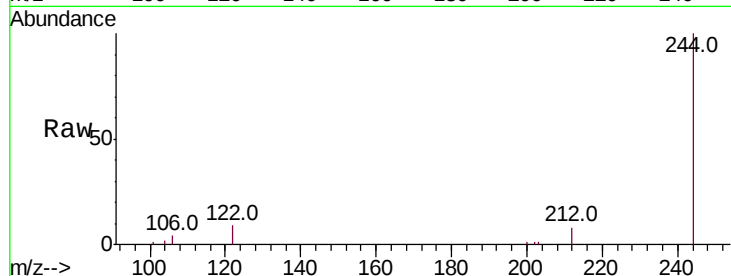
Tot Ion:244 Resp: 12243

Ion Ratio Lower Upper

244 100

212 8.4 6.8 10.2

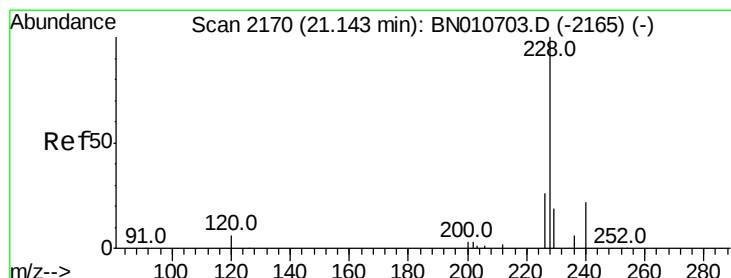
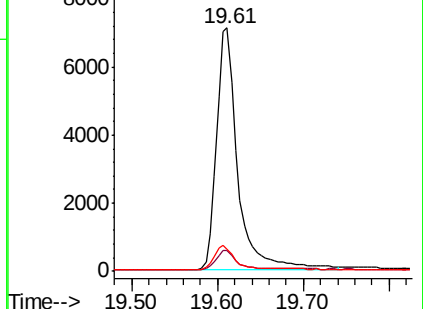
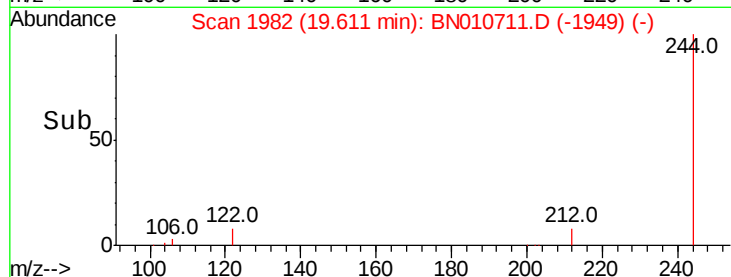
122 9.2 8.1 12.1



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: 0.005 ng

RT: 21.16 min Scan# 2170

Delta R.T. 0.01 min

Lab File: BN010711.D

Acq: 14 May 2020 13:06

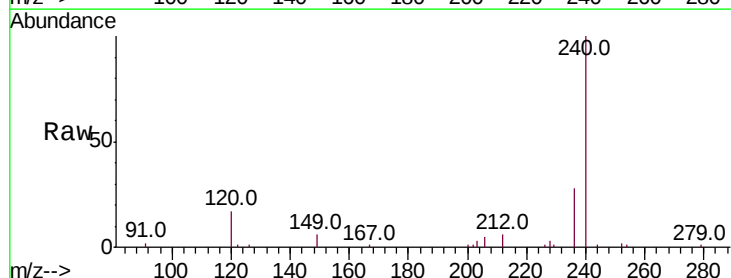
Tgt Ion:228 Resp: 385

Ion Ratio Lower Upper

228 100

226 42.5 21.3 31.9#

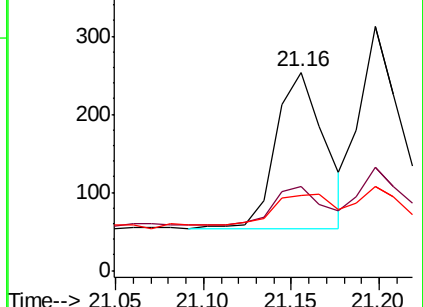
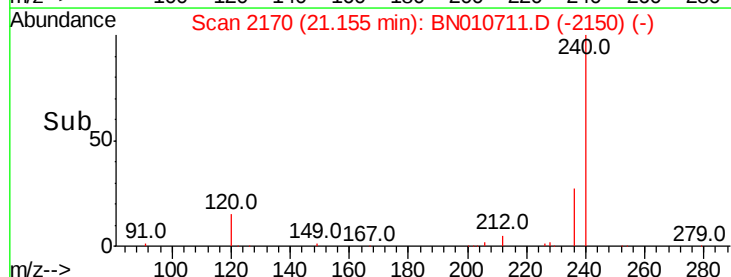
229 37.8 16.0 24.0#

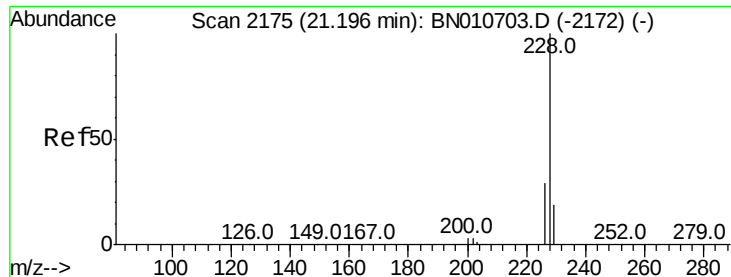


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.005 ng

RT: 21.20 min Scan# 2174

Delta R.T. 0.00 min

Lab File: BN010711.D

Acq: 14 May 2020 13:06

Instrument :

BNA_N

ClientSampleId :

PB128648BL

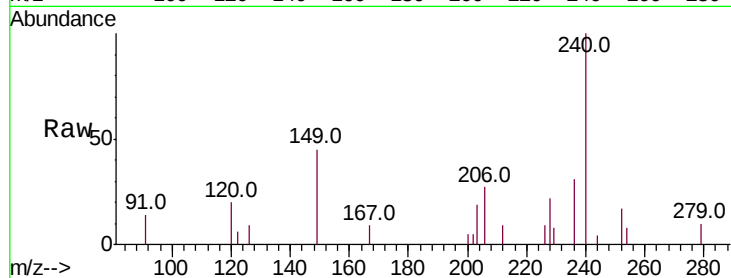
Tot Ion:228 Resp: 438

Ion Ratio Lower Upper

228 100

226 42.3 23.4 35.0#

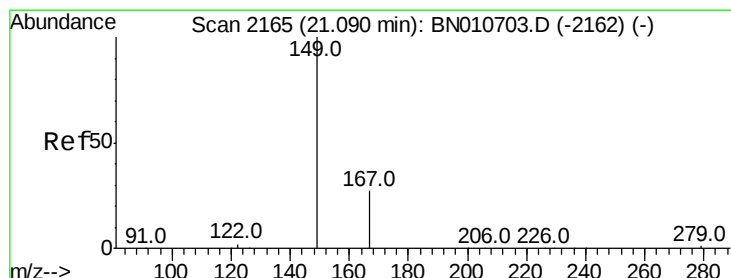
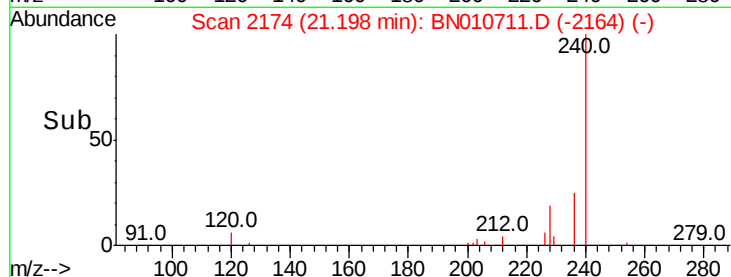
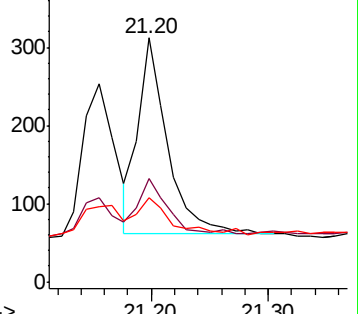
229 34.6 16.1 24.1#



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: 0.006 ng

RT: 21.10 min Scan# 2165

Delta R.T. 0.00 min

Lab File: BN010711.D

Acq: 14 May 2020 13:06

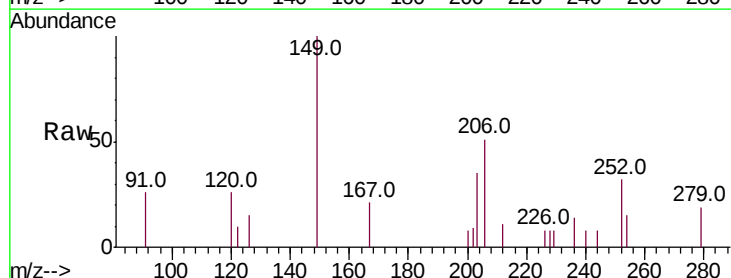
Tgt Ion:149 Resp: 184

Ion Ratio Lower Upper

149 100

167 28.3 22.5 33.7

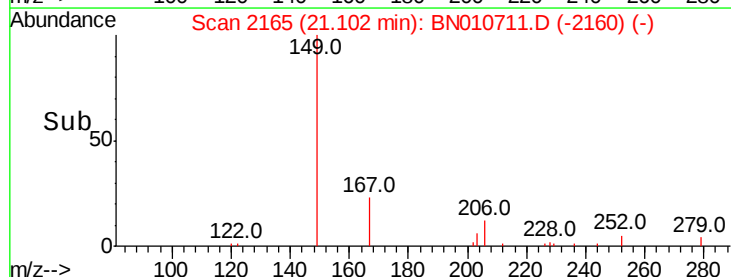
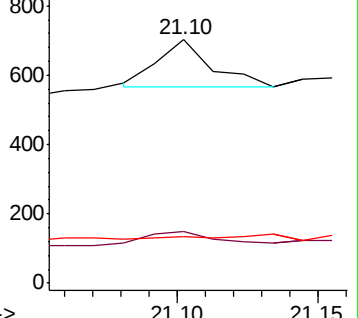
279 0.0 4.1 6.1#

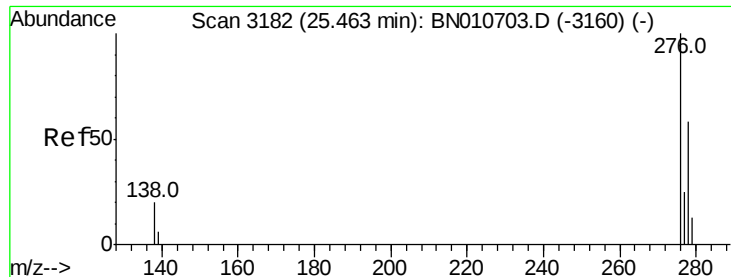


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.027 ng

RT: 25.49 min Scan# 3189

Delta R.T. 0.03 min

Lab File: BN010711.D

Acq: 14 May 2020 13:06

Instrument :

BNA_N

ClientSampleId :

PB128648BL

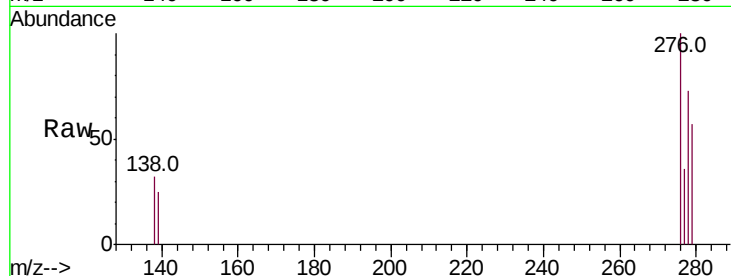
Tot Ion:276 Resp: 2038

Ion Ratio Lower Upper

276 100

138 18.7 15.1 22.7

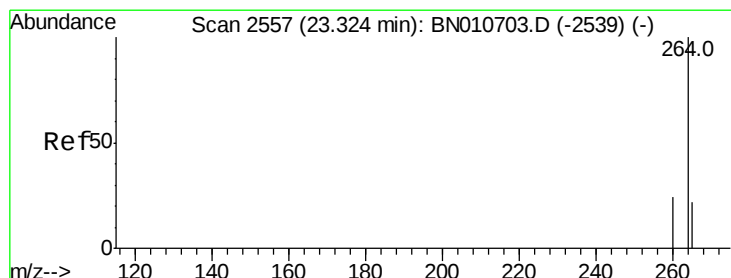
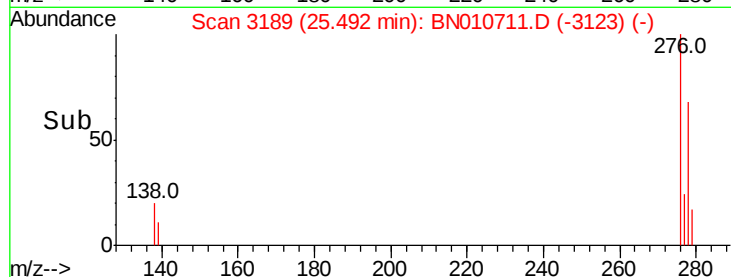
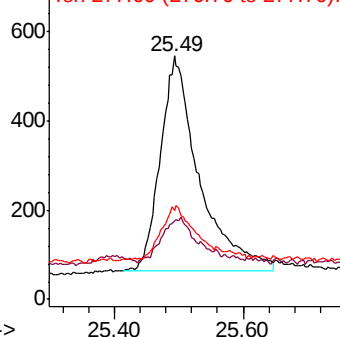
277 20.8 19.4 29.0



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: 0.400 ng

RT: 23.33 min Scan# 2557

Delta R.T. 0.01 min

Lab File: BN010711.D

Acq: 14 May 2020 13:06

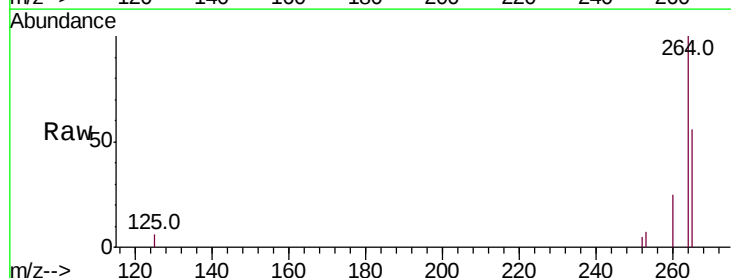
Tgt Ion:264 Resp: 23421

Ion Ratio Lower Upper

264 100

260 24.6 19.6 29.4

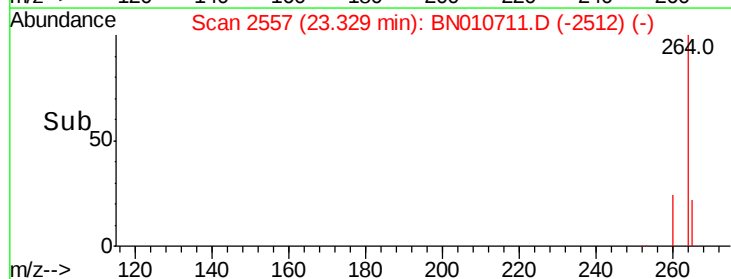
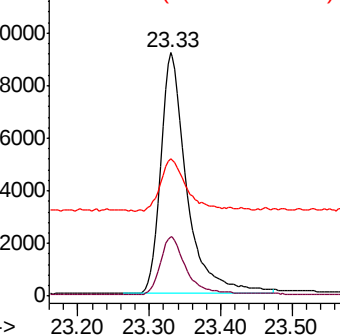
265 56.4 70.1 105.1#

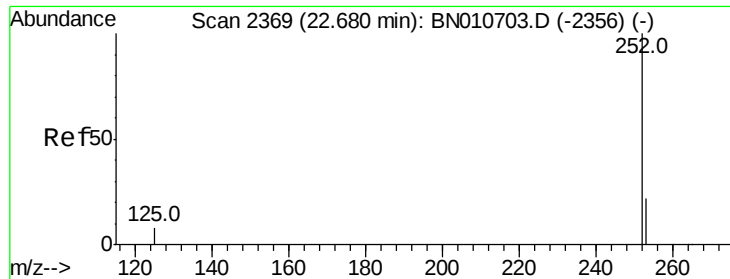


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.008 ng

RT: 22.70 min Scan# 2373

Delta R.T. 0.02 min

Lab File: BN010711.D

Acq: 14 May 2020 13:06

Instrument :

BNA_N

ClientSampleId :

PB128648BL

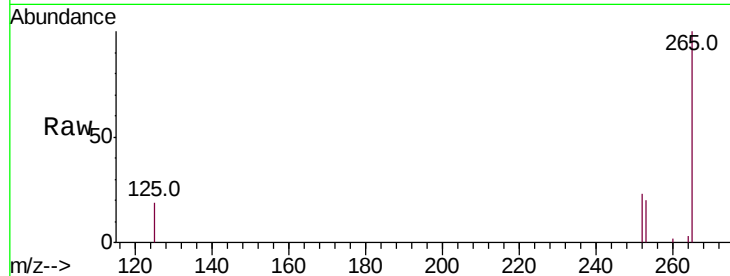
Tot Ion:252 Resp: 602

Ion Ratio Lower Upper

252 100

253 88.2 22.0 33.0#

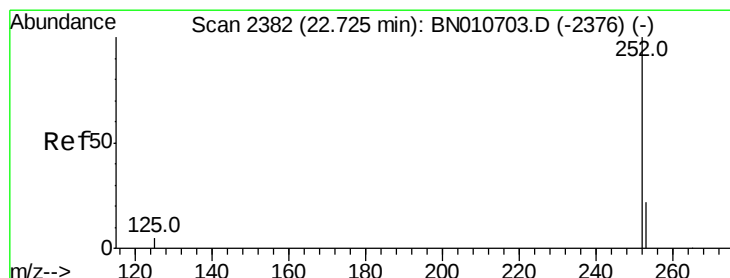
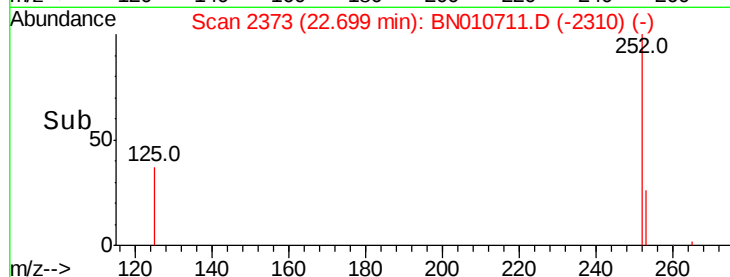
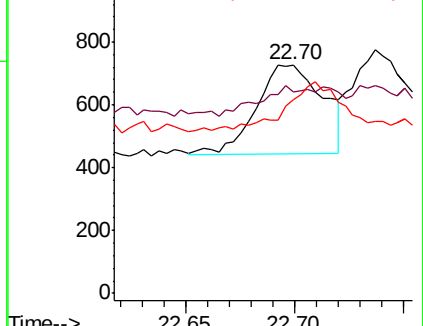
125 84.6 10.8 16.2#



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: 0.008 ng

RT: 22.74 min Scan# 2384

Delta R.T. 0.01 min

Lab File: BN010711.D

Acq: 14 May 2020 13:06

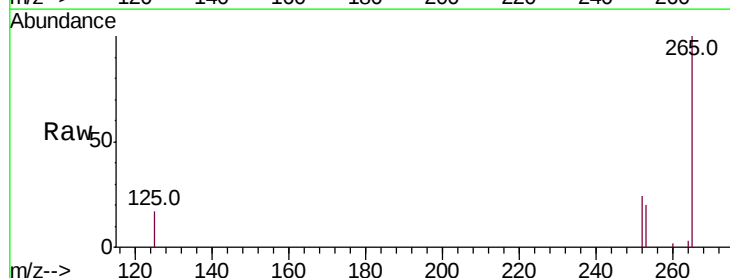
Tgt Ion:252 Resp: 676

Ion Ratio Lower Upper

252 100

253 85.3 21.9 32.9#

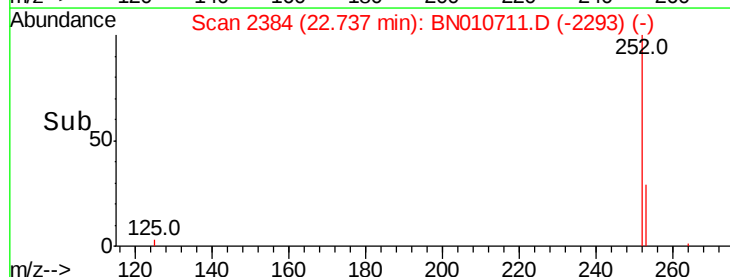
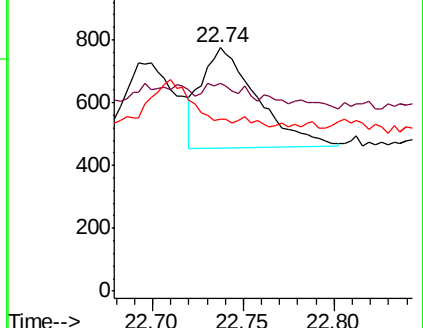
125 70.5 11.1 16.7#

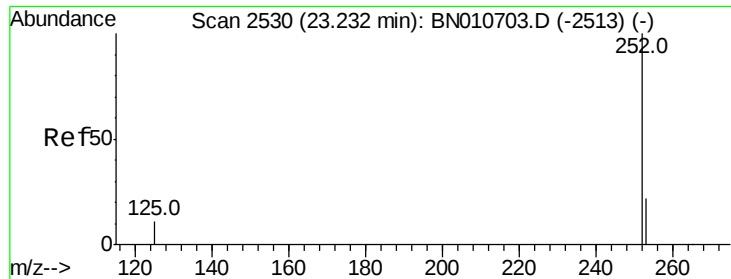


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.009 ng

RT: 23.25 min Scan# 2533

Delta R.T. 0.02 min

Lab File: BN010711.D

Acq: 14 May 2020 13:06

Instrument :

BNA_N

ClientSampleId :

PB128648BL

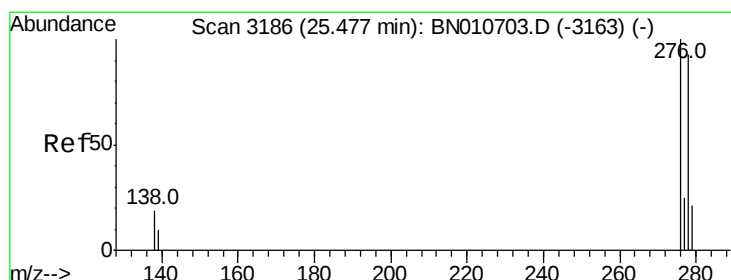
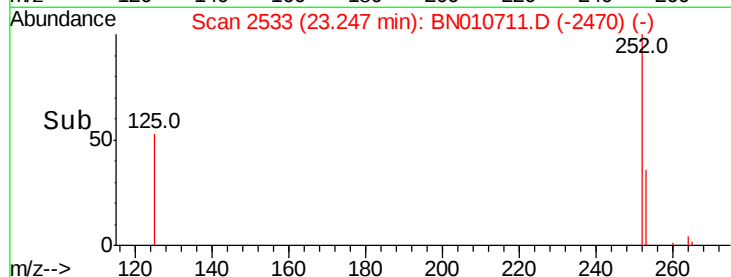
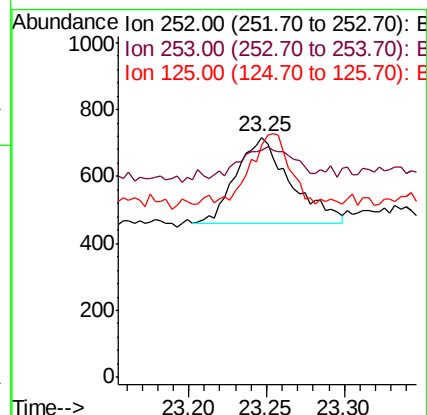
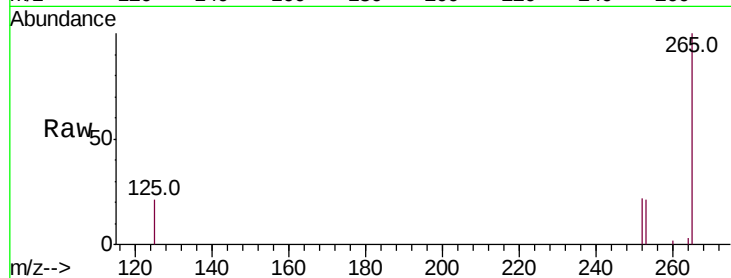
Tot Ion:252 Resp: 618

Ion Ratio Lower Upper

252 100

253 94.6 24.8 37.2#

125 96.8 15.8 23.6#



#38

Dibenzo(a,h)anthracene

Concen: 0.031 ng

RT: 25.51 min Scan# 3193

Delta R.T. 0.03 min

Lab File: BN010711.D

Acq: 14 May 2020 13:06

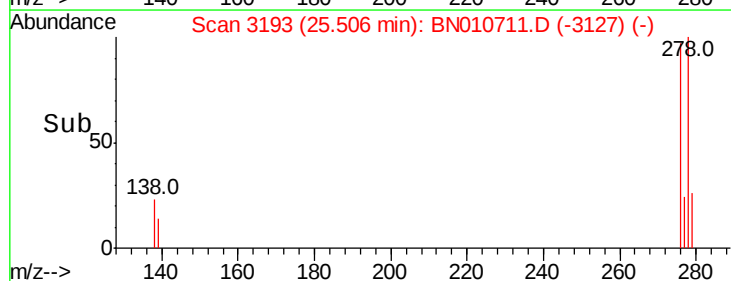
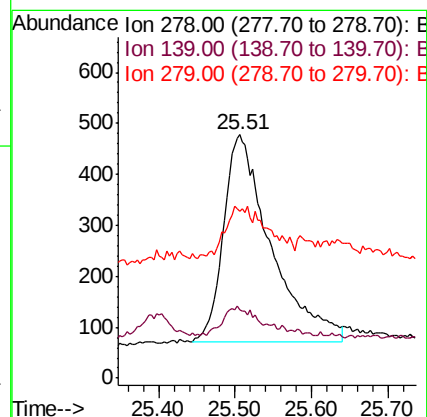
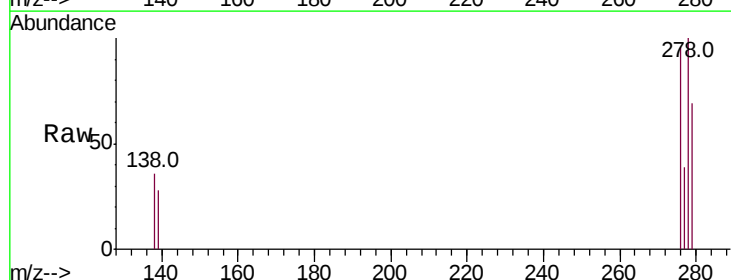
Tgt Ion:278 Resp: 1759

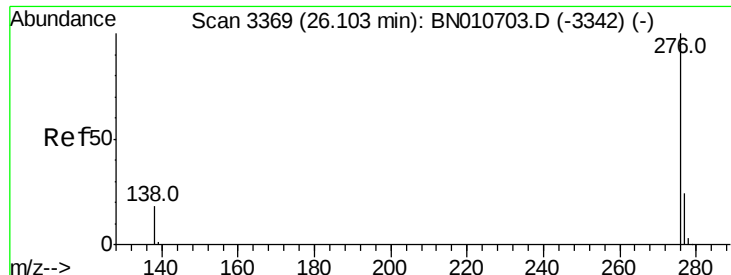
Ion Ratio Lower Upper

278 100

139 28.2 13.0 19.4#

279 68.6 25.1 37.7#





#39

Benzo(a,h,i)perylene

Concen: 0.021 ng

RT: 26.13 min Scan# 3375

Delta R.T. 0.02 min

Lab File: BN010711.D

Acq: 14 May 2020 13:06

Instrument :

BNA_N

ClientSampleId :

PB128648BL

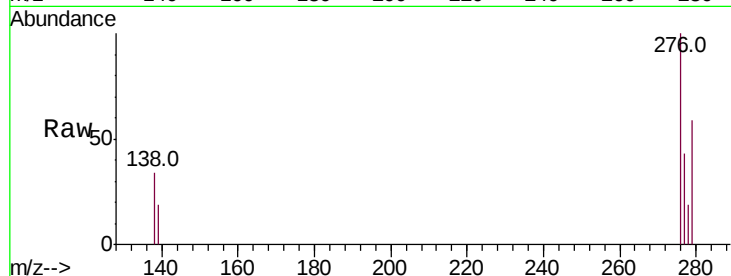
Tot Ion: 276 Resp: 1432

Ion Ratio Lower Upper

276 100

277 42.5 20.6 30.8#

138 33.9 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

