

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052120\
 Data File : BN010734.D
 Acq On : 21 May 2020 19:22
 Operator : CG/JU
 Sample : PB129048BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB129048BS

Quant Time: May 21 20:00:27 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 21 16:54:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	2987	0.40	ng	0.00
7) Naphthalene-d8	10.33	136	11217	0.40	ng	0.00
13) Acenaphthene-d10	14.20	164	6649	0.40	ng	0.00
19) Phenanthrene-d10	16.95	188	13652	0.40	ng	0.00
27) Chrysene-d12	21.15	240	10675	0.40	ng	0.00
34) Perylene-d12	23.32	264	9388	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	1944	0.33	ng	0.00
5) Phenol-d6	6.77	99	2293	0.32	ng	0.00
8) Nitrobenzene-d5	8.71	82	2515	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	11.93	152	7721	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.71	330	622	0.26	ng	0.00
15) 2-Fluorobiphenyl	12.82	172	8141	0.33	ng	0.00
25) Fluoranthene-d10	18.99	212	10665	0.29	ng	0.01
29) Terphenyl-d14	19.61	244	8053	0.32	ng	0.01

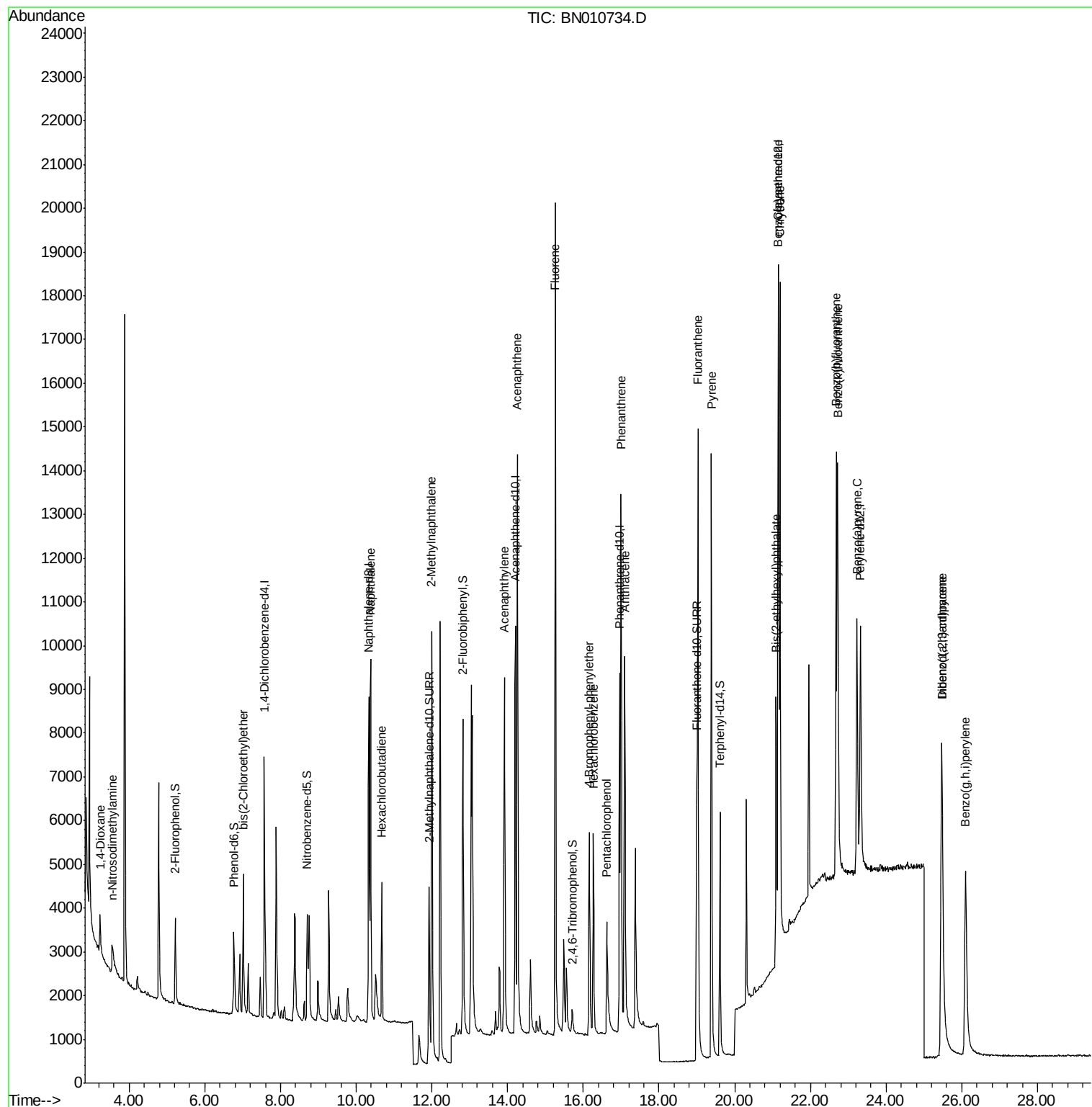
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.23	88	814	0.32	ng	# 68
3) n-Nitrosodimethylamine	3.55	42	789	0.53	ng	# 93
6) bis(2-Chloroethyl)ether	7.02	93	3215	0.44	ng	96
9) Naphthalene	10.38	128	12146	0.43	ng	100
10) Hexachlorobutadiene	10.67	225	2645	0.41	ng	# 99
12) 2-Methylnaphthalene	12.00	142	8571	0.43	ng	99
16) Acenaphthylene	13.91	152	11342	0.42	ng	100
17) Acenaphthene	14.26	154	7905	0.43	ng	100
18) Fluorene	15.26	166	10086	0.42	ng	99
20) 4-Bromophenyl-phenylether	16.16	248	3029	0.40	ng	97
21) Hexachlorobenzene	16.26	284	3831	0.43	ng	99
22) Pentachlorophenol	16.62	266	2418	0.87	ng	99
23) Phenanthrene	17.00	178	15217	0.42	ng	100
24) Anthracene	17.09	178	12481	0.41	ng	99
26) Fluoranthene	19.02	202	16651	0.40	ng	99
28) Pyrene	19.39	202	16537	0.43	ng	99
30) Benzo(a)anthracene	21.14	228	13407	0.43	ng	99
31) Chrysene	21.20	228	14719	0.42	ng	99
32) Bis(2-ethylhexyl)phthalate	21.09	149	5167	0.38	ng	100
33) Indeno(1,2,3-cd)pyrene	25.46	276	12593	0.40	ng	99
35) Benzo(b)fluoranthene	22.68	252	12962	0.42	ng	100
36) Benzo(k)fluoranthene	22.72	252	14598	0.44	ng	100
37) Benzo(a)pyrene	23.23	252	11727	0.44	ng	98
38) Dibenzo(a,h)anthracene	25.48	278	10007	0.44	ng	99
39) Benzo(g,h,i)perylene	26.10	276	12204	0.45	ng	99

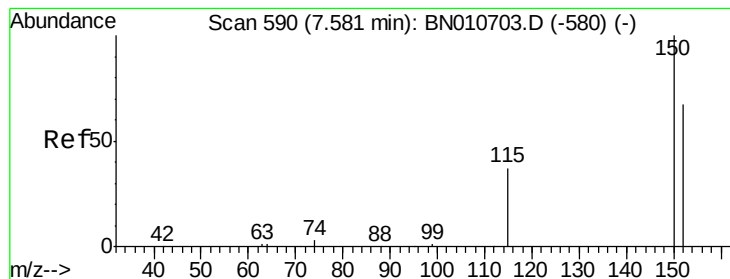
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 21 16:54:53 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.57 min Scan# 589

Delta R.T. 0.00 min

Lab File: BN010734.D

Acq: 21 May 2020 19:22

Instrument :

BNA_N

ClientSampleId :

PB129048BS

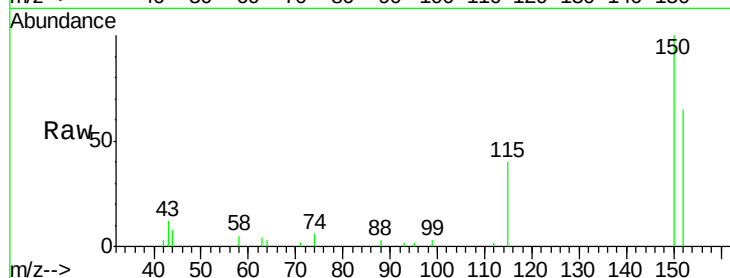
Tgt Ion:152 Resp: 2987

Ion Ratio Lower Upper

152 100

150 154.2 119.4 179.0

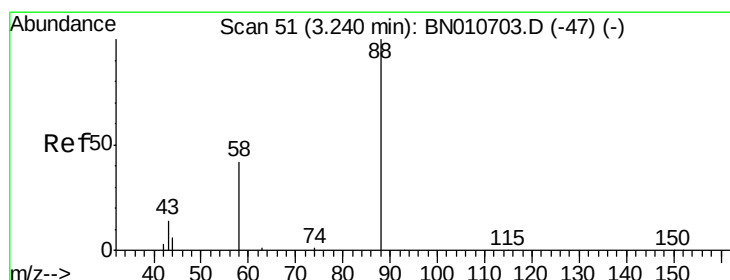
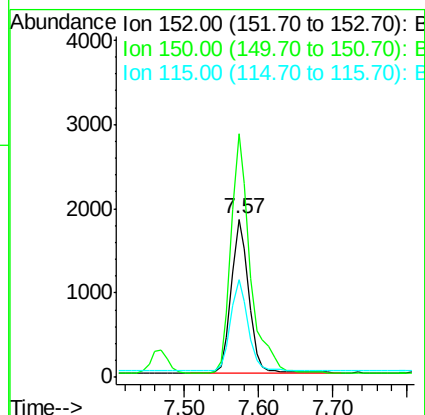
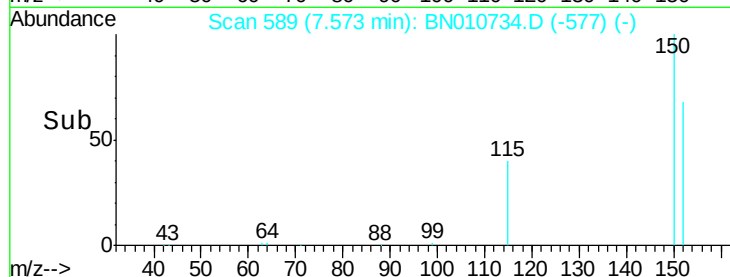
115 61.9 45.9 68.9



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: 0.32 ng

RT: 3.23 min Scan# 50

Delta R.T. -0.01 min

Lab File: BN010734.D

Acq: 21 May 2020 19:22

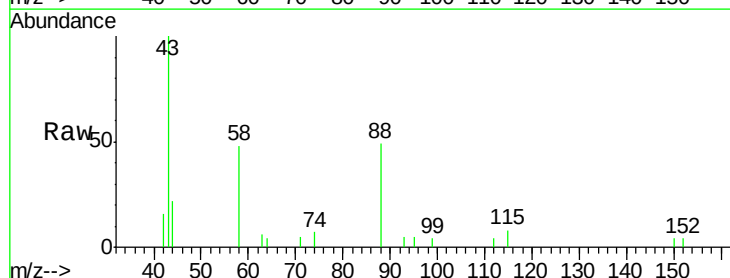
Tgt Ion: 88 Resp: 814

Ion Ratio Lower Upper

88 100

58 50.4 39.0 58.6

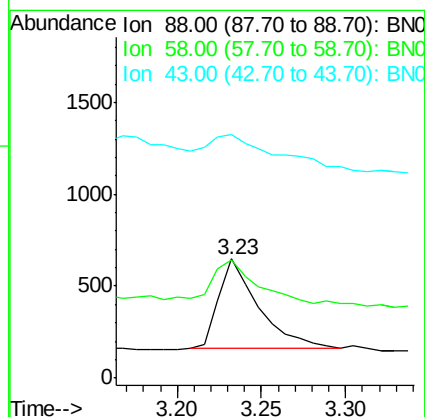
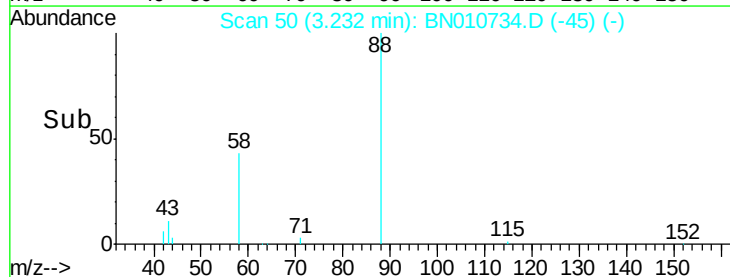
43 67.3 13.1 19.7#

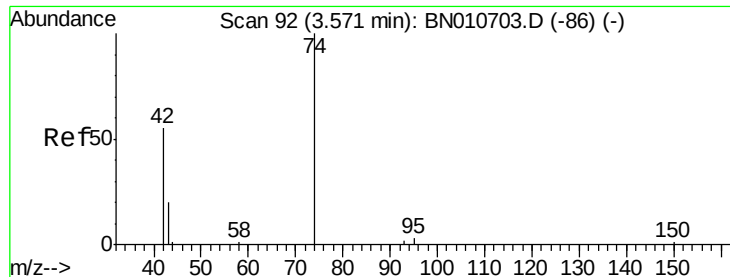


Abundance Ion 88.00 (87.70 to 88.70): BN0

Ion 58.00 (57.70 to 58.70): BN0

Ion 43.00 (42.70 to 43.70): BN0





#3

n-Nitrosodimethylamine

Concen: 0.53 ng

RT: 3.55 min Scan# 90

Delta R.T. -0.02 min

Lab File: BN010734.D

Acq: 21 May 2020 19:22

Instrument :

BNA_N

ClientSampleId :

PB129048BS

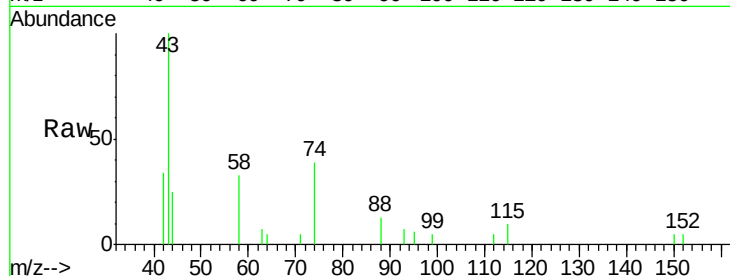
Tgt Ion: 42 Resp: 789

Ion Ratio Lower Upper

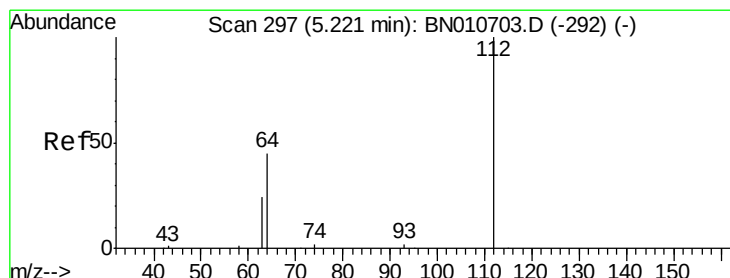
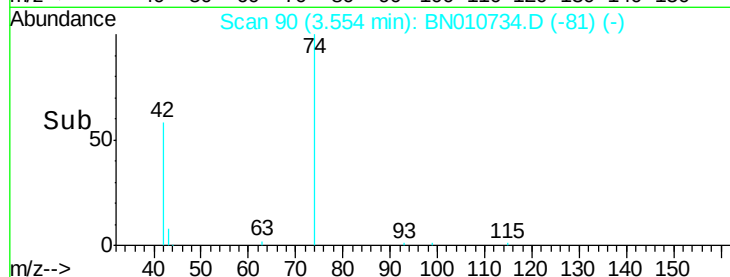
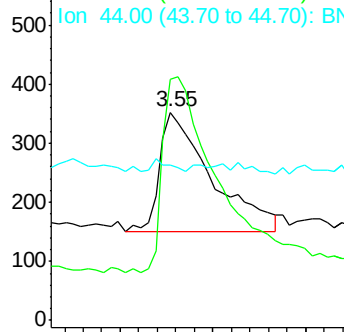
42 100

74 172.8 146.2 219.2

44 0.0 3.0 4.4#



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



#4

2-Fluorophenol

Concen: 0.33 ng

RT: 5.22 min Scan# 297

Delta R.T. 0.00 min

Lab File: BN010734.D

Acq: 21 May 2020 19:22

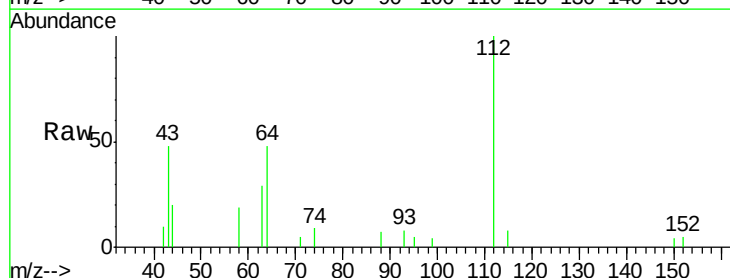
Tgt Ion: 112 Resp: 1944

Ion Ratio Lower Upper

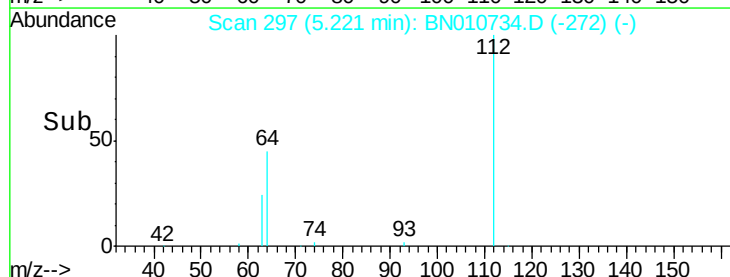
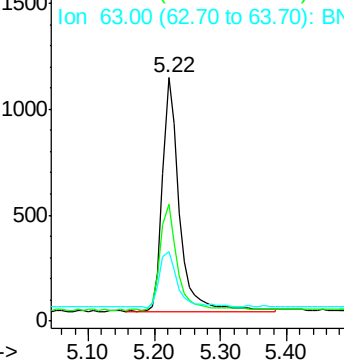
112 100

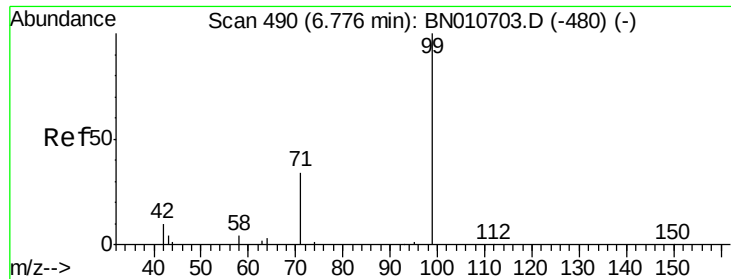
64 46.0 36.2 54.4

63 26.0 19.8 29.8



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





#5

Phenol-d6

Concen: 0.32 ng

RT: 6.77 min Scan# 489

Delta R.T. 0.00 min

Lab File: BN010734.D

Acq: 21 May 2020 19:22

Instrument :

BNA_N

ClientSampleId :

PB129048BS

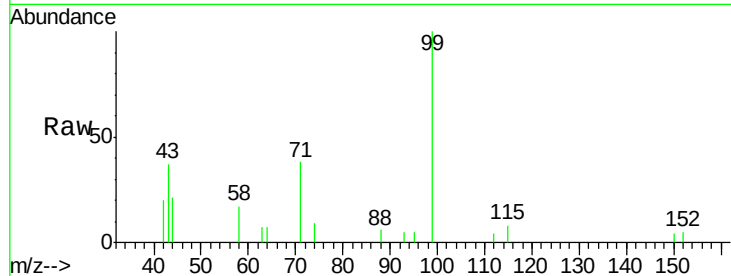
Tgt Ion: 99 Resp: 2293

Ion Ratio Lower Upper

99 100

42 13.0 9.8 14.8

71 35.1 28.6 42.8

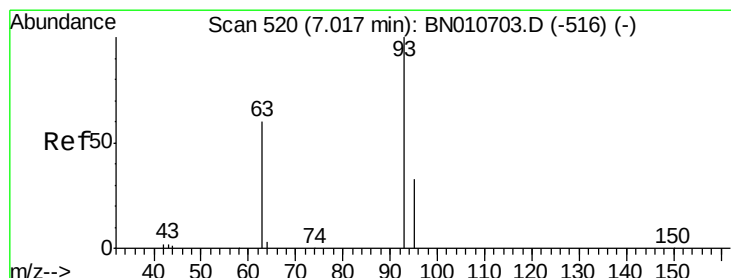
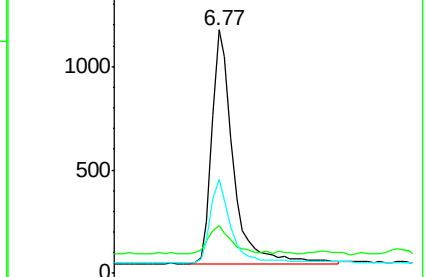
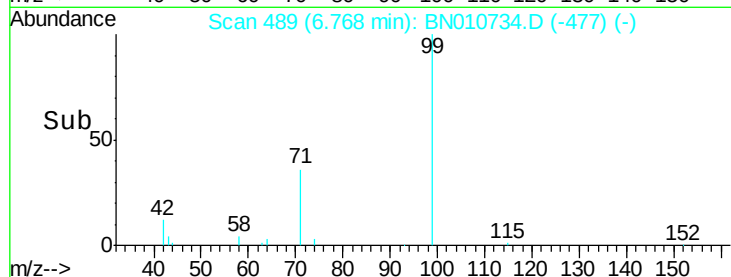


Abundance Ion 99.00 (98.70 to 99.70): BN010734.D (-480) (-)

Ion 42.00 (41.70 to 42.70): BN010734.D (-480) (-)

Ion 71.00 (70.70 to 71.70): BN010734.D (-480) (-)

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.44 ng

RT: 7.02 min Scan# 520

Delta R.T. 0.00 min

Lab File: BN010734.D

Acq: 21 May 2020 19:22

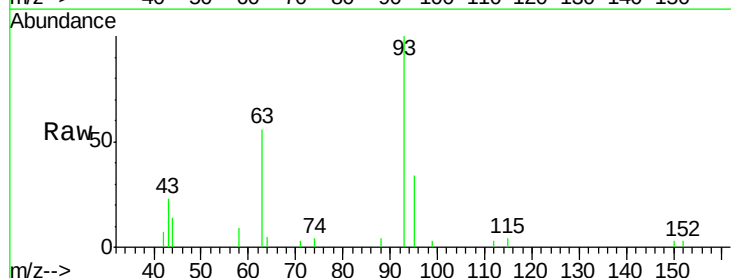
Tgt Ion: 93 Resp: 3215

Ion Ratio Lower Upper

93 100

63 57.2 43.1 64.7

95 31.9 24.6 37.0

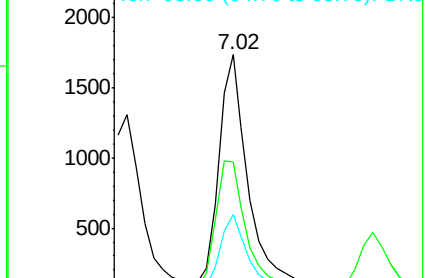
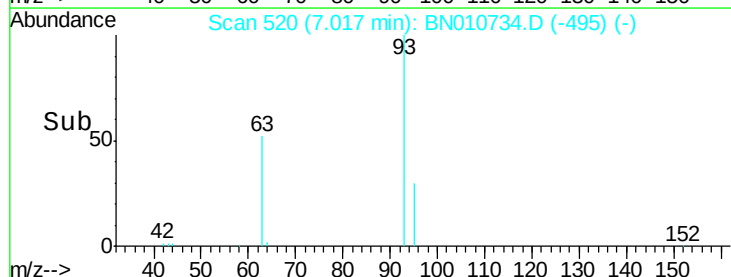


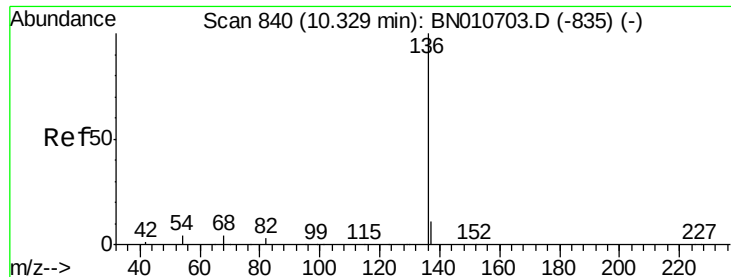
Abundance Ion 93.00 (92.70 to 93.70): BN010734.D (-516) (-)

Ion 63.00 (62.70 to 63.70): BN010734.D (-516) (-)

Ion 95.00 (94.70 to 95.70): BN010734.D (-516) (-)

Time-->





#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.33 min Scan# 840

Delta R.T. 0.00 min

Lab File: BN010734.D

Acq: 21 May 2020 19:22

Instrument :

BNA_N

ClientSampleId :

PB129048BS

Tgt Ion:136 Resp: 11217

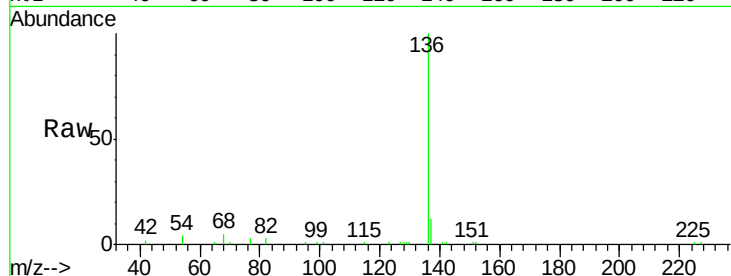
Ion Ratio Lower Upper

136 100

137 11.7 9.2 13.8

54 4.0 3.6 5.4

68 4.6 4.1 6.1

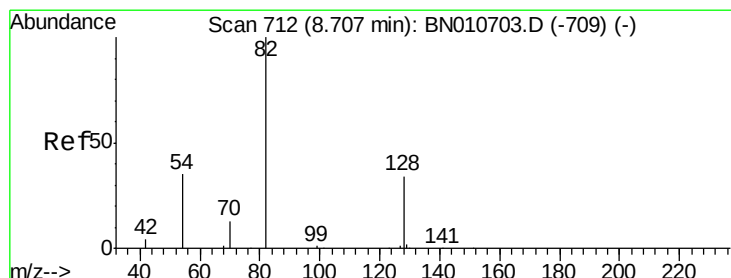
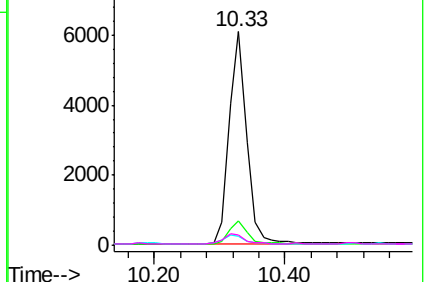
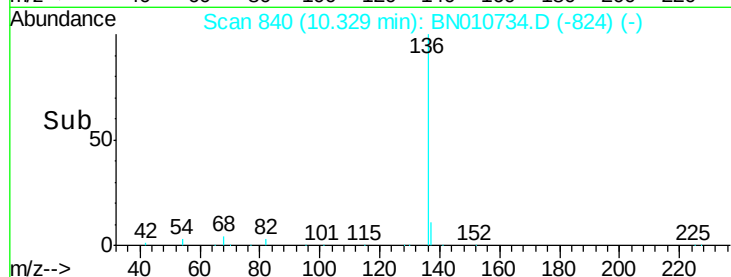


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.32 ng

RT: 8.71 min Scan# 712

Delta R.T. 0.00 min

Lab File: BN010734.D

Acq: 21 May 2020 19:22

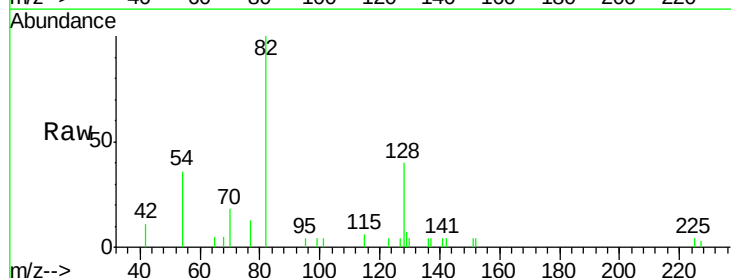
Tgt Ion: 82 Resp: 2515

Ion Ratio Lower Upper

82 100

128 39.9 29.0 43.4

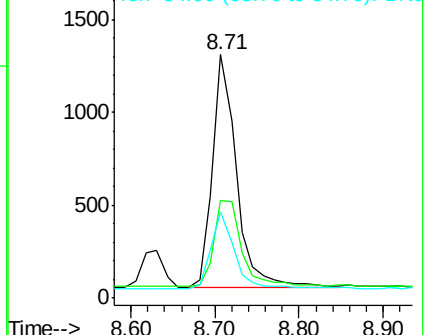
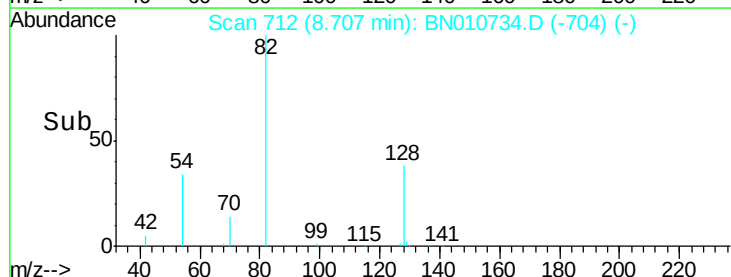
54 35.5 29.3 43.9

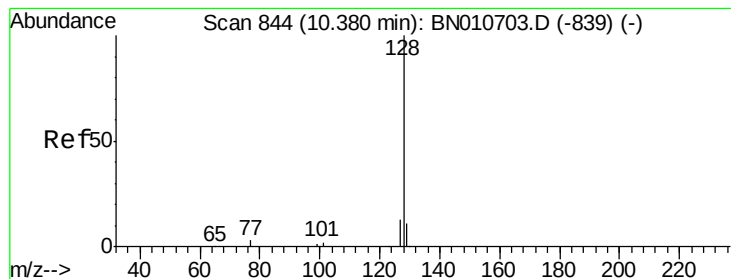


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.43 ng

RT: 10.38 min Scan# 844

Delta R.T. 0.00 min

Lab File: BN010734.D

Acq: 21 May 2020 19:22

Instrument :

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ClientSampleId :

PB129048BS

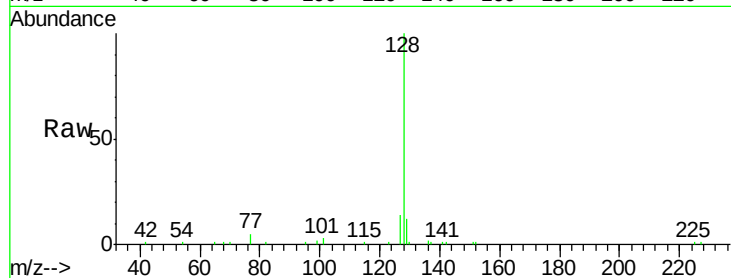
Tgt Ion:128 Resp: 12146

Ion Ratio Lower Upper

128 100

129 11.6 9.3 13.9

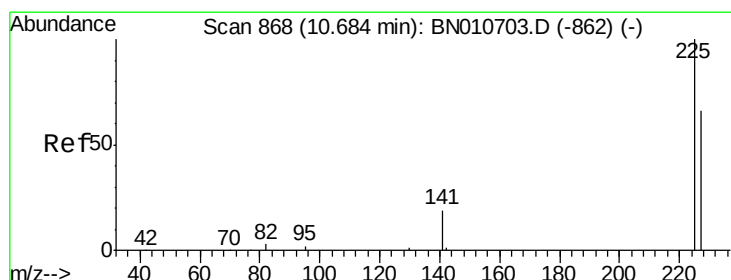
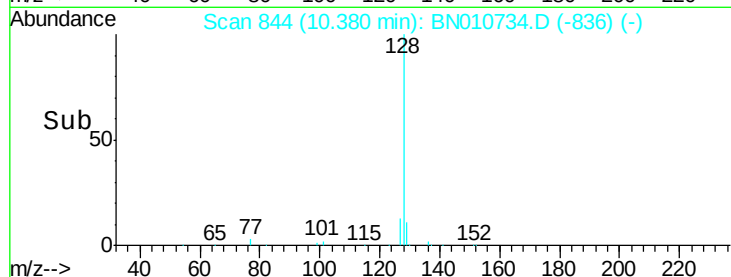
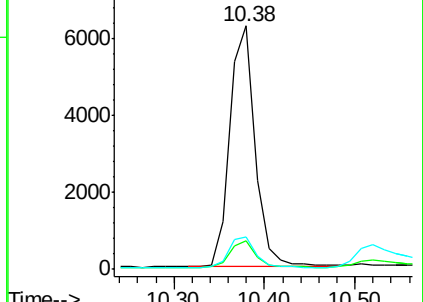
127 13.6 11.0 16.6



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: 0.41 ng

RT: 10.67 min Scan# 867

Delta R.T. 0.00 min

Lab File: BN010734.D

Acq: 21 May 2020 19:22

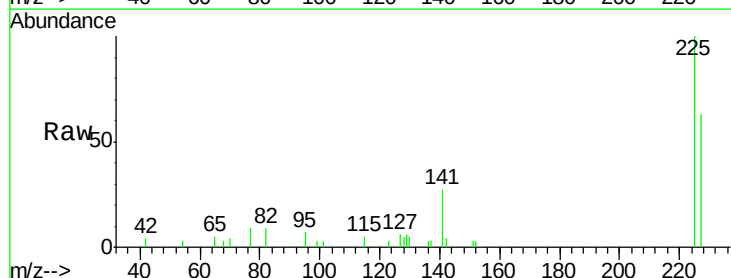
Tgt Ion:225 Resp: 2645

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

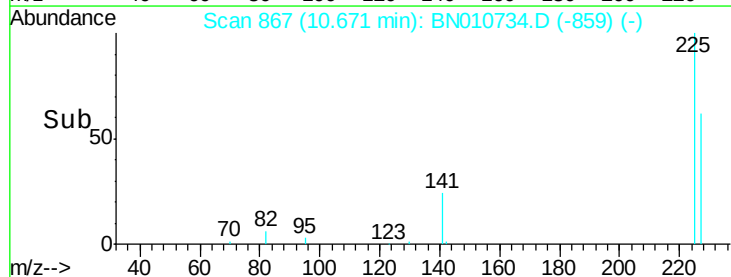
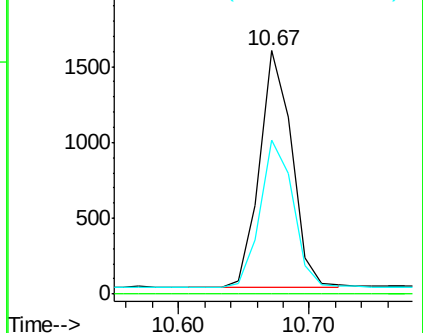
227 64.0 50.7 76.1

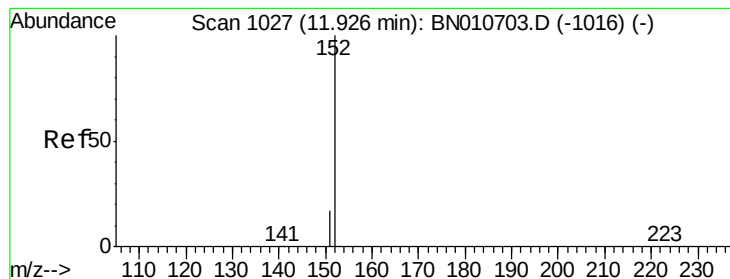


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.42 ng

RT: 11.93 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BN010734.D

Acq: 21 May 2020 19:22

Instrument :

BNA_N

ClientSampleId :

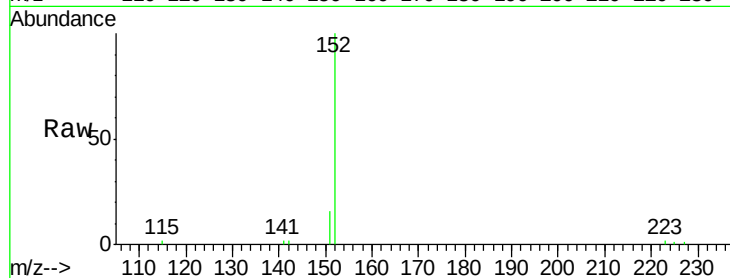
PB129048BS

Tgt Ion:152 Resp: 7721

Ion Ratio Lower Upper

152 100

151 13.8 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

4000

3000

2000

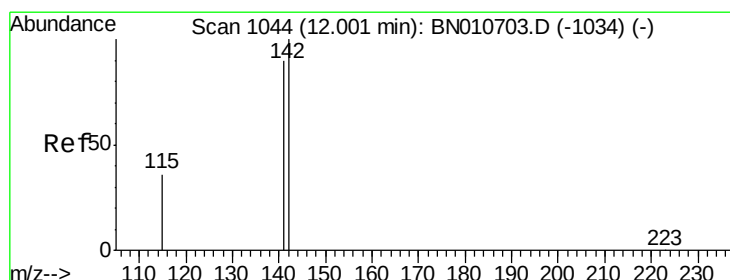
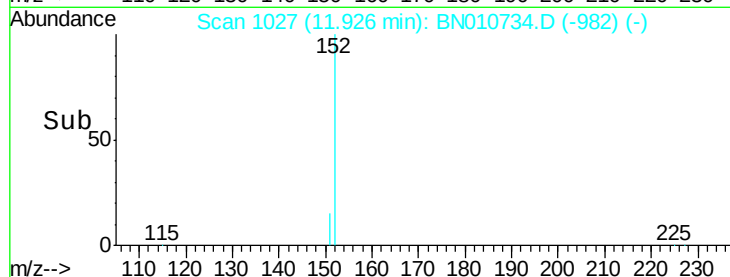
1000

0

Time-->

11.80

12.00



#12

2-Methylnaphthalene

Concen: 0.43 ng

RT: 12.00 min Scan# 1043

Delta R.T. 0.00 min

Lab File: BN010734.D

Acq: 21 May 2020 19:22

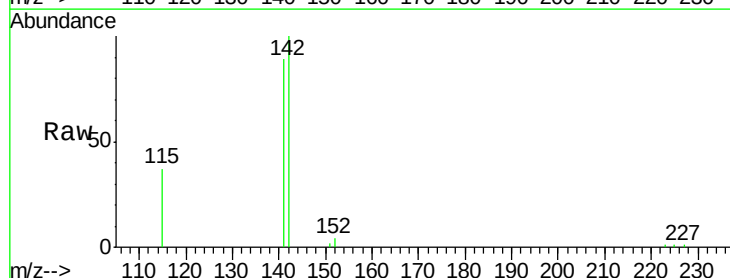
Tgt Ion:142 Resp: 8571

Ion Ratio Lower Upper

142 100

141 88.8 71.7 107.5

115 37.1 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

6000

5000

4000

3000

2000

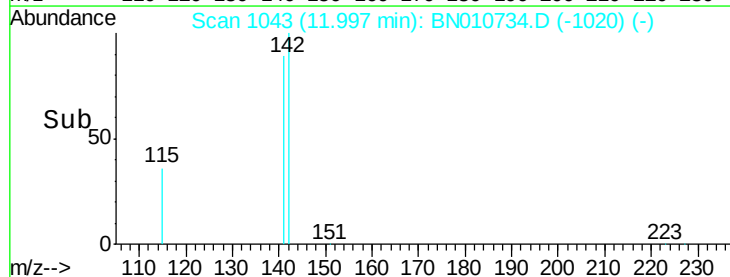
1000

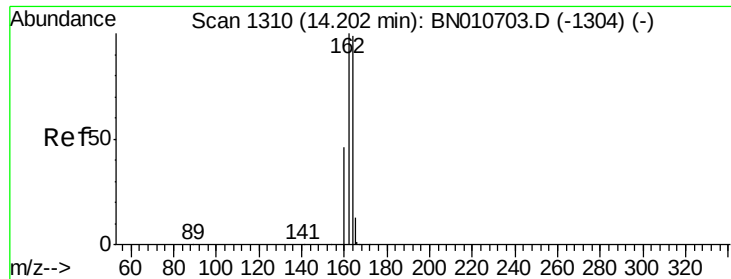
0

Time-->

12.00

12.20





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.20 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BN010734.D

Acq: 21 May 2020 19:22

Instrument :

BNA_N

ClientSampleId :

PB129048BS

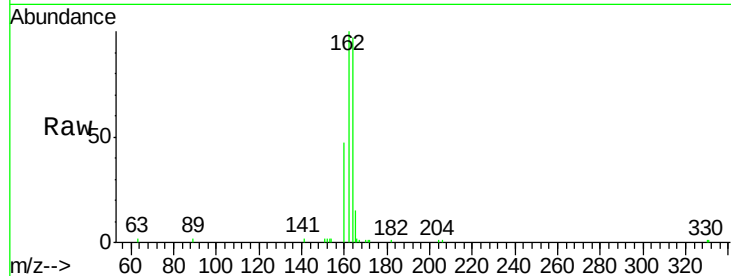
Tgt Ion:164 Resp: 6649

Ion Ratio Lower Upper

164 100

162 103.1 81.1 121.7

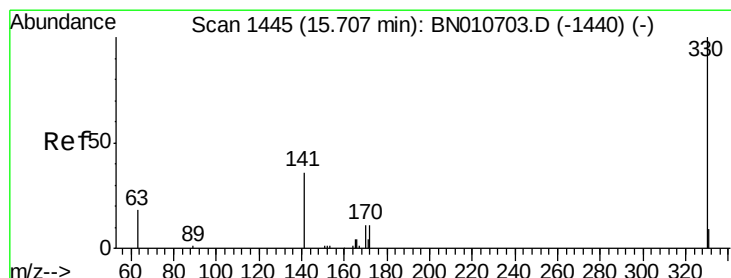
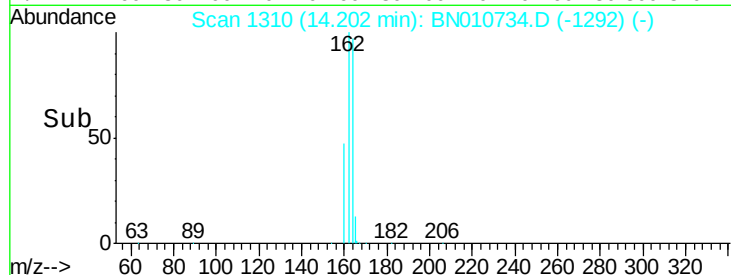
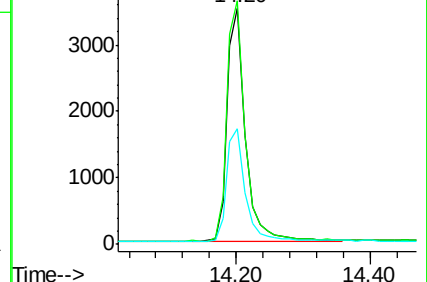
160 48.7 37.9 56.9



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: 0.26 ng

RT: 15.71 min Scan# 1445

Delta R.T. 0.00 min

Lab File: BN010734.D

Acq: 21 May 2020 19:22

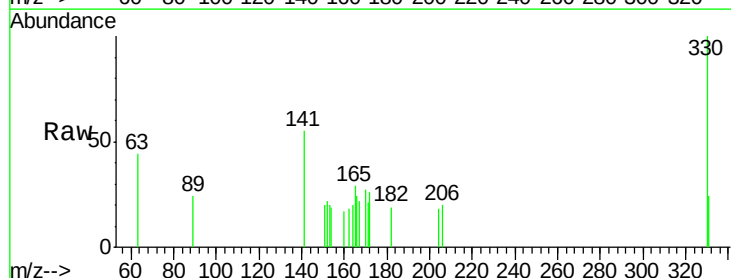
Tgt Ion:330 Resp: 622

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

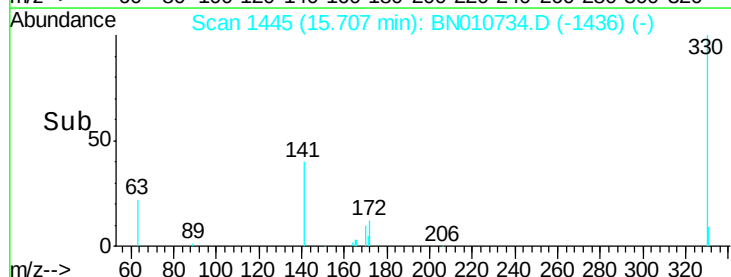
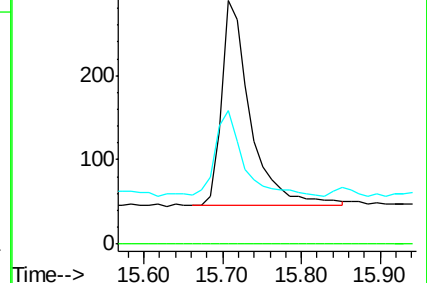
141 42.1 28.8 43.2

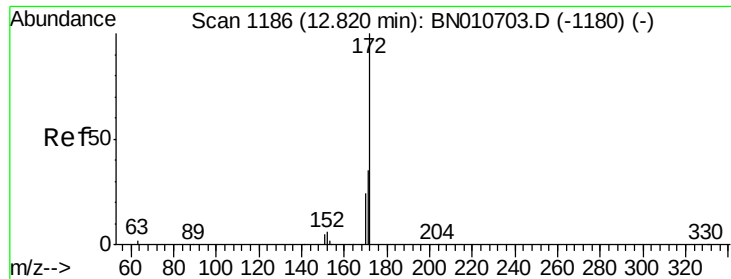


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

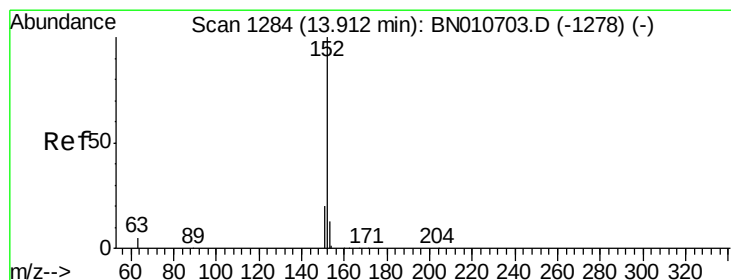
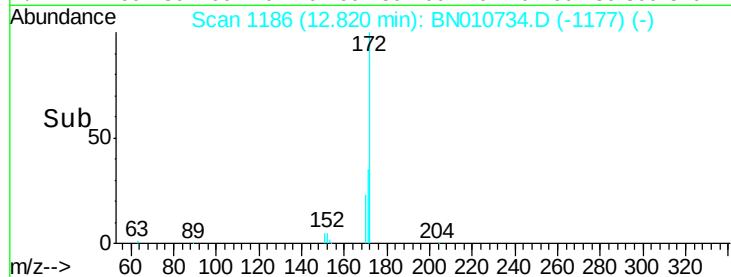
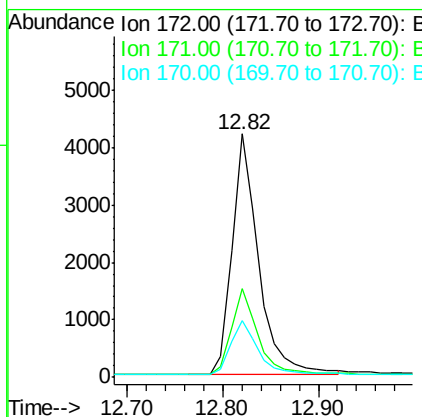
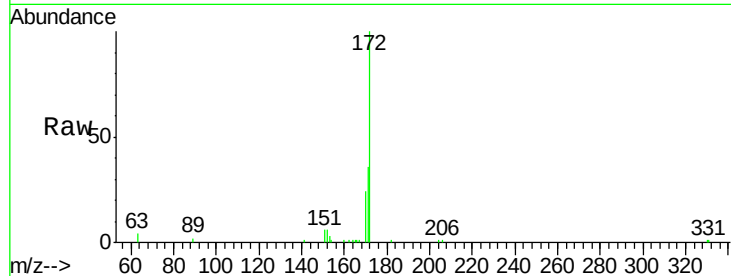




#15
2-Fluorobiphenyl
Concen: 0.33 ng
RT: 12.82 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BN010734.D
Acq: 21 May 2020 19:22

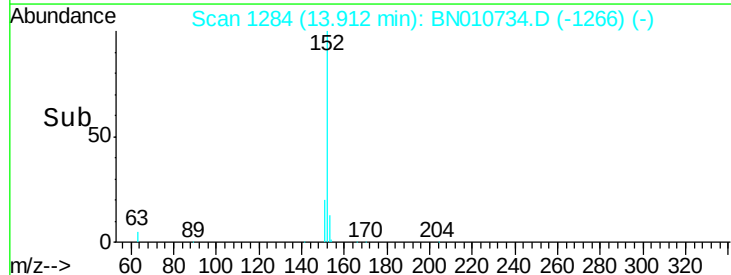
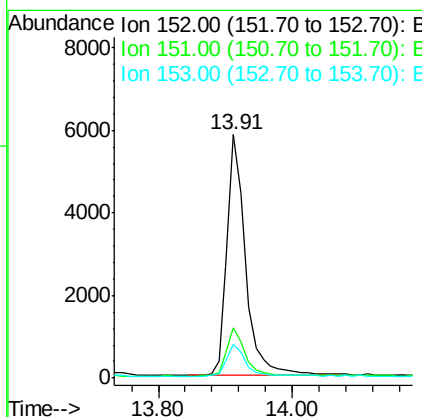
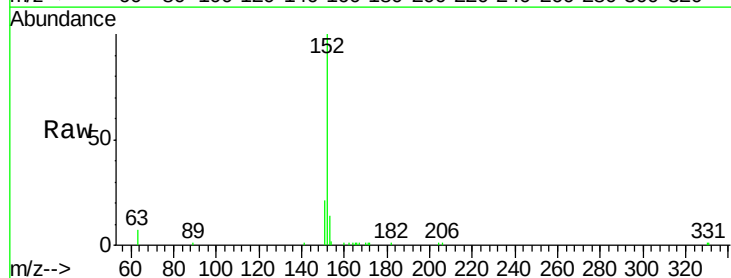
Instrument :
BNA_N
ClientSampleId :
PB129048BS

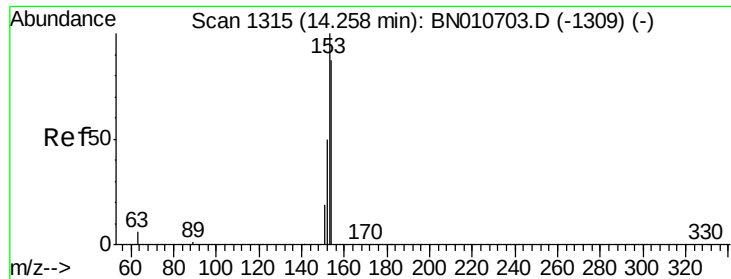
Tgt Ion:172 Resp: 8141
Ion Ratio Lower Upper
172 100
171 36.3 28.6 42.8
170 23.5 19.8 29.8



#16
Acenaphthylene
Concen: 0.42 ng
RT: 13.91 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BN010734.D
Acq: 21 May 2020 19:22

Tgt Ion:152 Resp: 11342
Ion Ratio Lower Upper
152 100
151 19.7 15.6 23.4
153 13.0 10.4 15.6





#17

Acenaphthene

Concen: 0.43 ng

RT: 14.26 min Scan# 1315

Delta R.T. 0.00 min

Lab File: BN010734.D

Acq: 21 May 2020 19:22

Instrument :

BNA_N

ClientSampleId :

PB129048BS

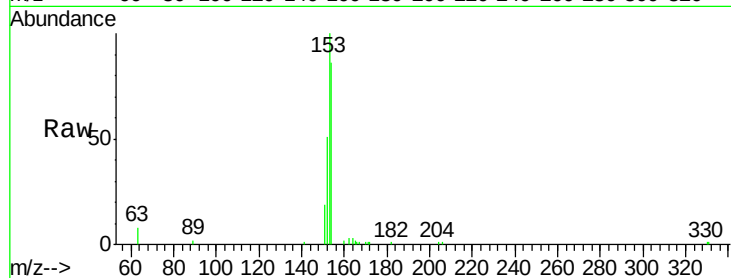
Tgt Ion:154 Resp: 7905

Ion Ratio Lower Upper

154 100

153 113.8 91.5 137.3

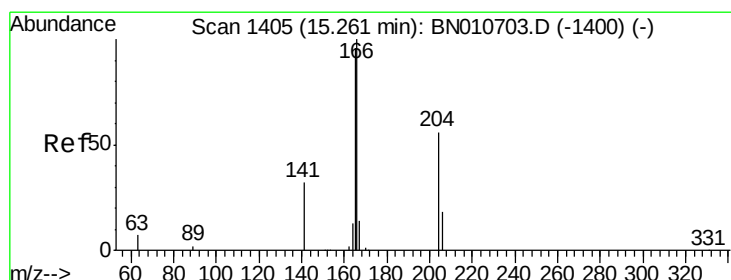
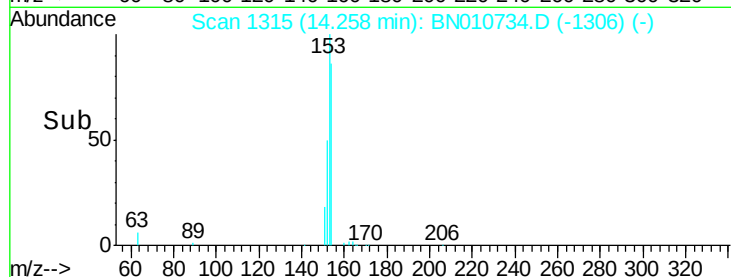
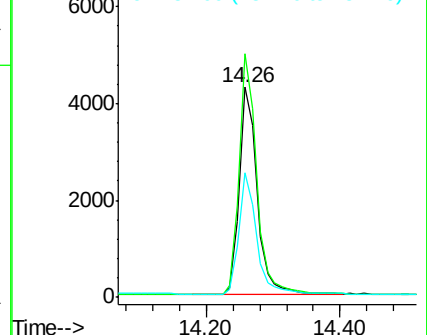
152 56.9 45.6 68.4



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: 0.42 ng

RT: 15.26 min Scan# 1405

Delta R.T. 0.00 min

Lab File: BN010734.D

Acq: 21 May 2020 19:22

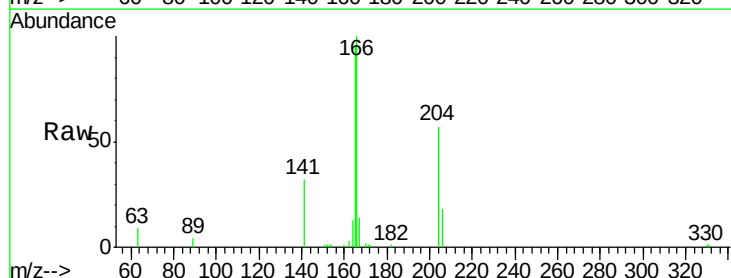
Tgt Ion:166 Resp: 10086

Ion Ratio Lower Upper

166 100

165 98.3 77.9 116.9

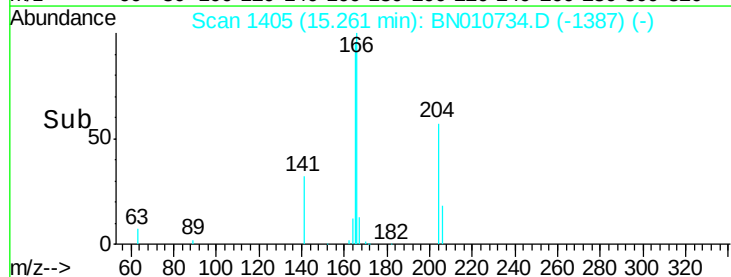
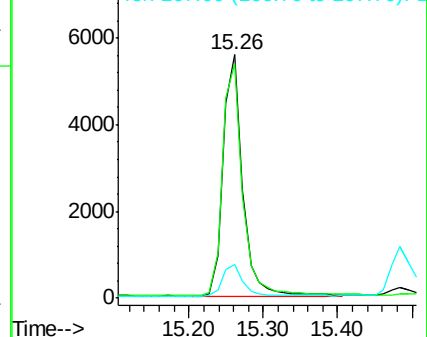
167 13.6 11.0 16.4

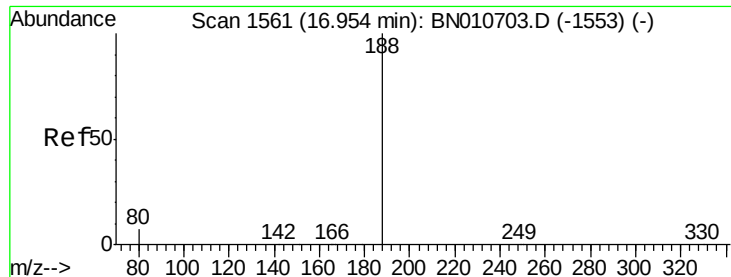


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.95 min Scan# 1561

Delta R.T. 0.00 min

Lab File: BN010734.D

Acq: 21 May 2020 19:22

Instrument :

BNA_N

ClientSampleId :

PB129048BS

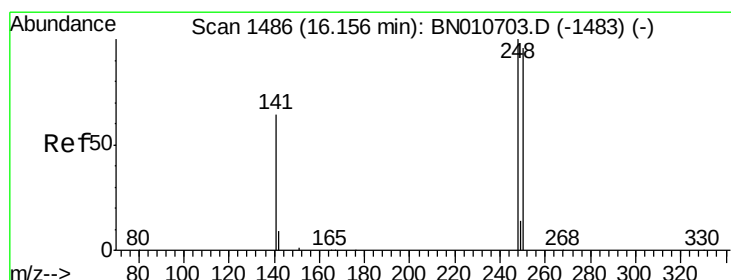
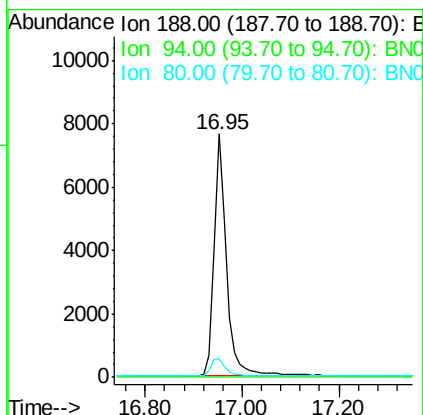
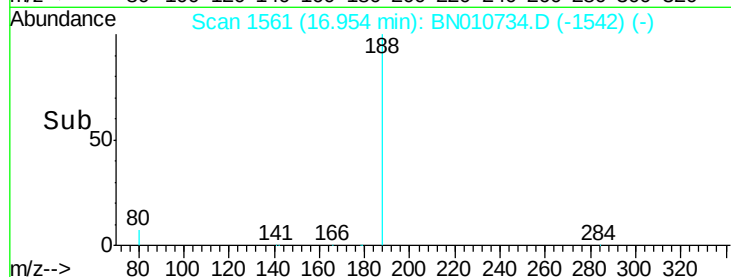
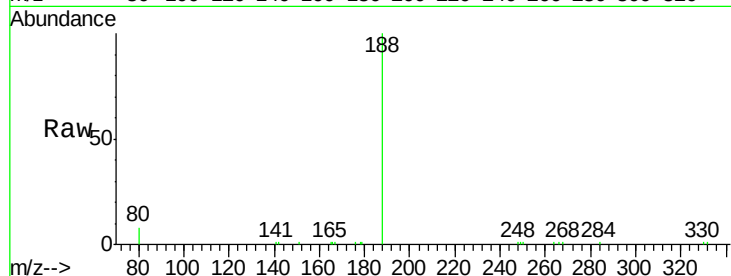
Tgt Ion:188 Resp: 13652

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.8 6.3 9.5



#20

4-Bromophenyl-phenylether

Concen: 0.40 ng

RT: 16.16 min Scan# 1486

Delta R.T. 0.00 min

Lab File: BN010734.D

Acq: 21 May 2020 19:22

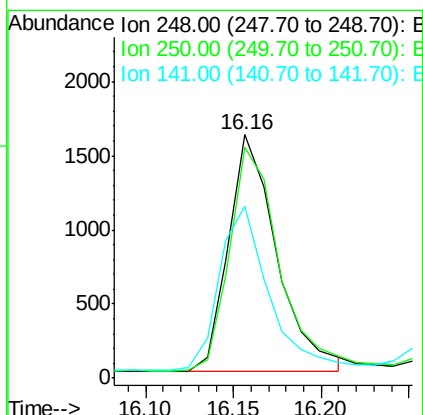
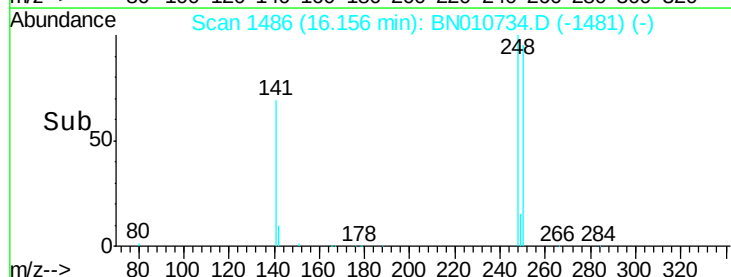
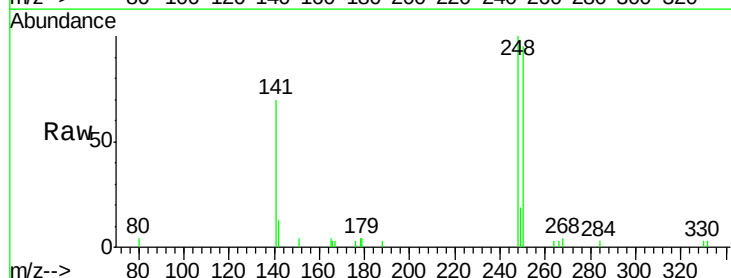
Tgt Ion:248 Resp: 3029

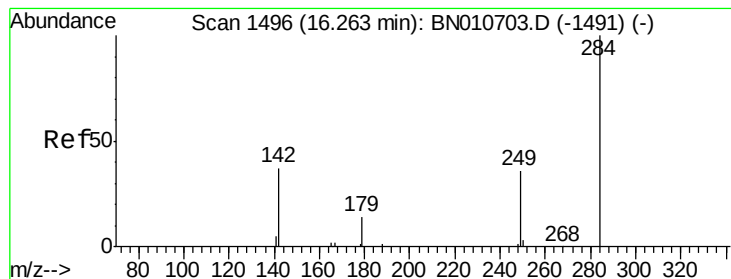
Ion Ratio Lower Upper

248 100

250 94.9 77.4 116.0

141 70.5 53.1 79.7





#21

Hexachlorobenzene

Concen: 0.43 ng

RT: 16.26 min Scan# 1496

Delta R.T. 0.00 min

Lab File: BN010734.D

Acq: 21 May 2020 19:22

Instrument :

BNA_N

ClientSampleId :

PB129048BS

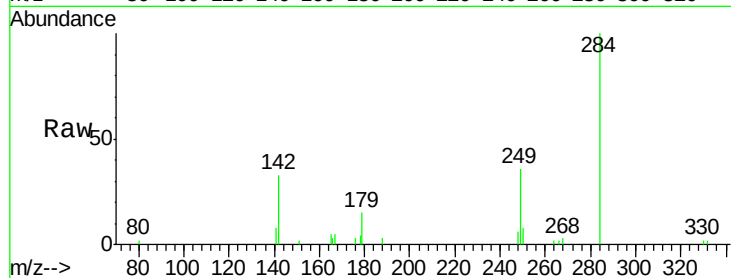
Tgt Ion:284 Resp: 3831

Ion Ratio Lower Upper

284 100

142 35.1 28.2 42.2

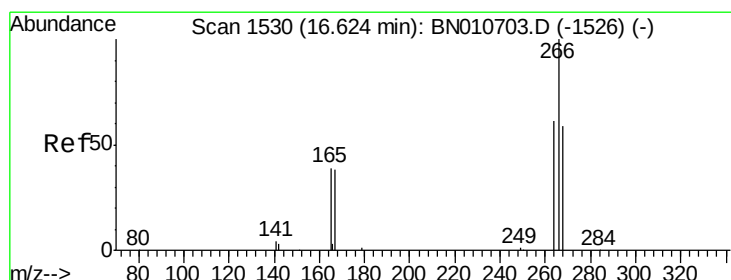
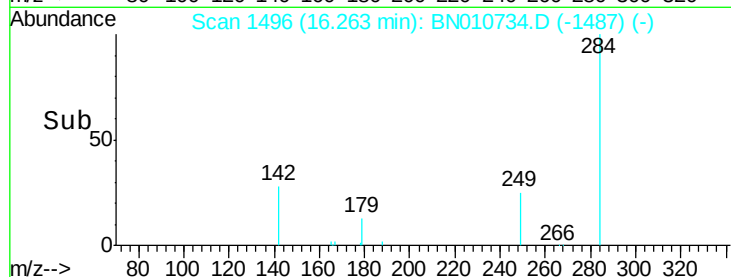
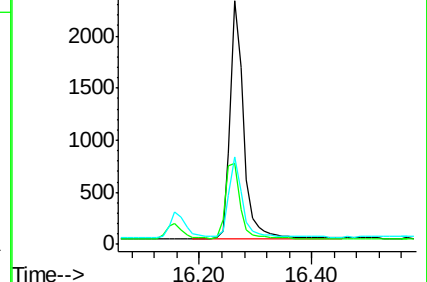
249 32.3 26.4 39.6



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: 0.87 ng

RT: 16.62 min Scan# 1530

Delta R.T. 0.01 min

Lab File: BN010734.D

Acq: 21 May 2020 19:22

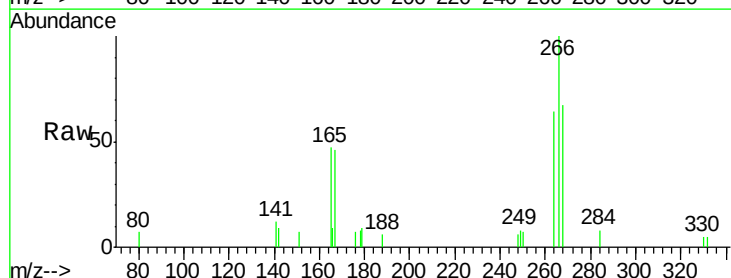
Tgt Ion:266 Resp: 2418

Ion Ratio Lower Upper

266 100

264 64.1 51.1 76.7

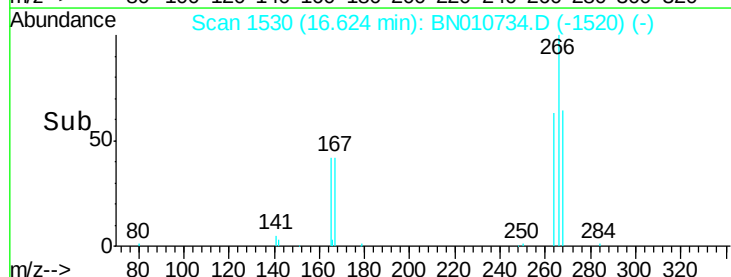
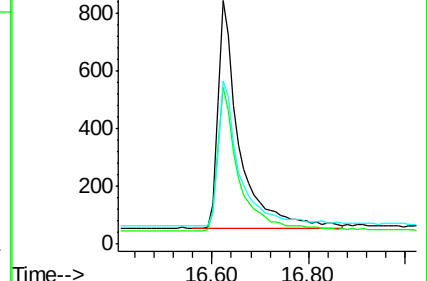
268 67.0 52.1 78.1

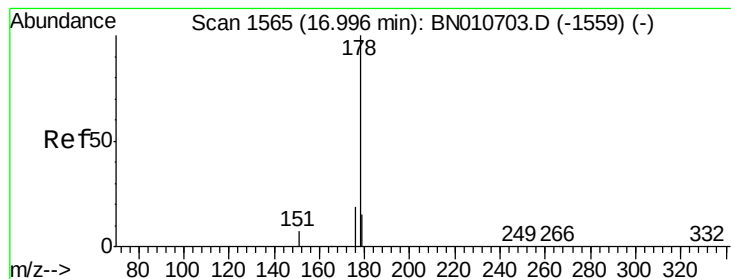


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.42 ng

RT: 17.00 min Scan# 1565

Delta R.T. 0.01 min

Lab File: BN010734.D

Acq: 21 May 2020 19:22

Instrument :

BNA_N

ClientSampleId :

PB129048BS

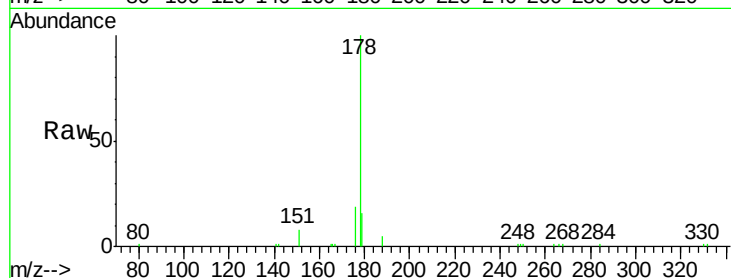
Tgt Ion:178 Resp: 15217

Ion Ratio Lower Upper

178 100

176 18.6 14.9 22.3

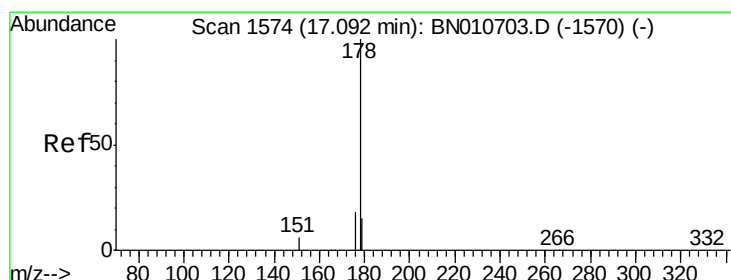
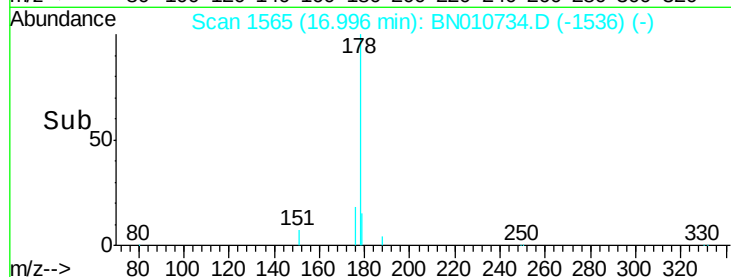
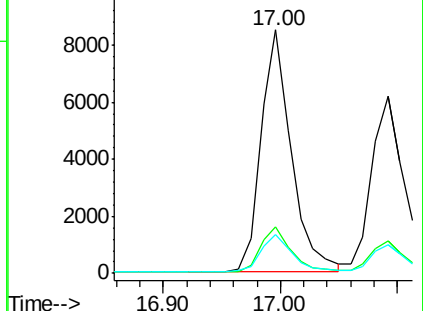
179 15.6 12.2 18.4



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: 0.41 ng

RT: 17.09 min Scan# 1574

Delta R.T. 0.01 min

Lab File: BN010734.D

Acq: 21 May 2020 19:22

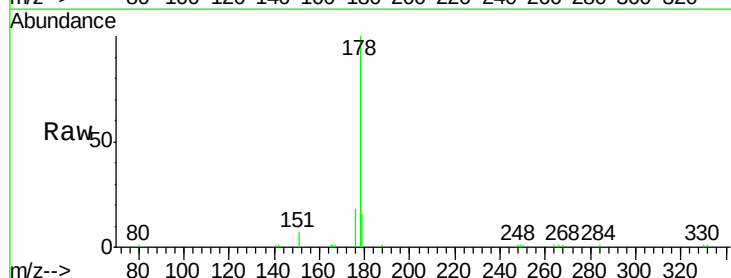
Tgt Ion:178 Resp: 12481

Ion Ratio Lower Upper

178 100

176 17.7 14.7 22.1

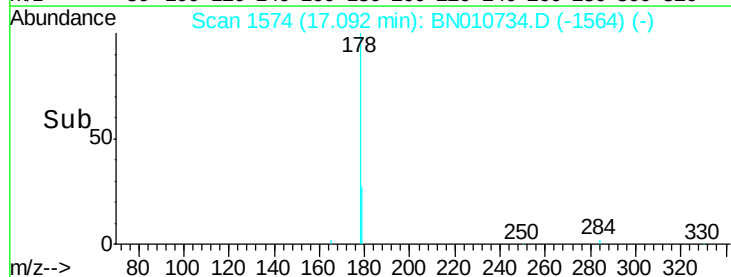
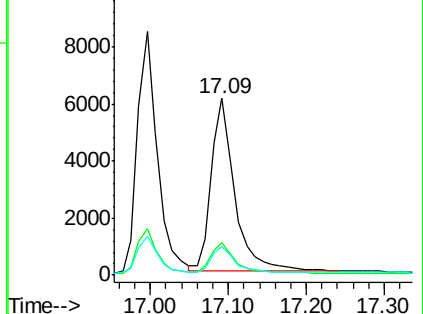
179 15.1 12.3 18.5

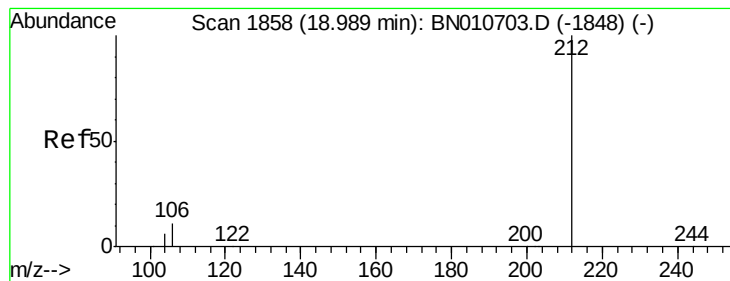


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.29 ng

RT: 18.99 min Scan# 1859

Delta R.T. 0.01 min

Lab File: BN010734.D

Acq: 21 May 2020 19:22

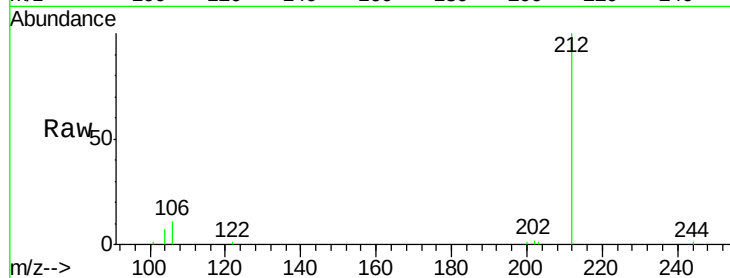
Instrument :

BNA_N

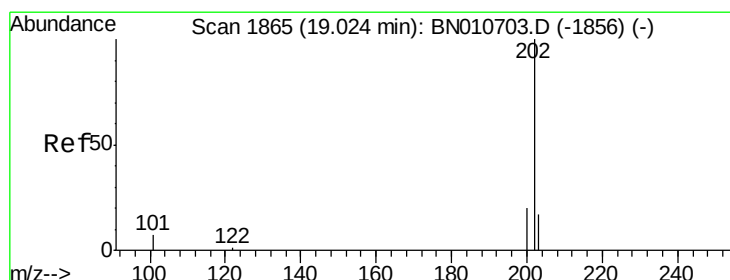
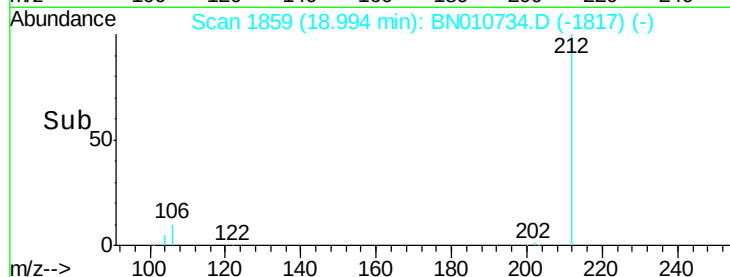
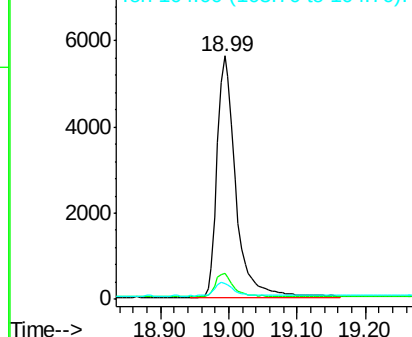
ClientSampleId :

PB129048BS

Tgt Ion:	212	Resp:	10665
Ion	Ratio	Lower	Upper
212	100		
106	9.8	8.2	12.2
104	5.6	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: 0.40 ng

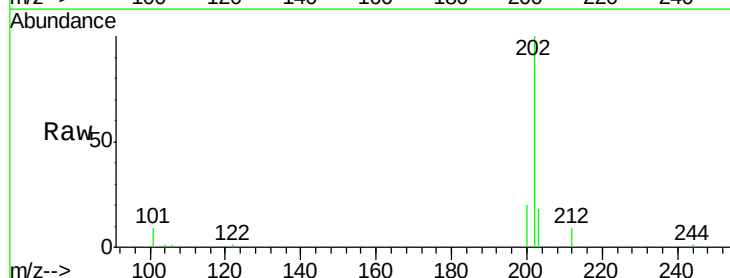
RT: 19.02 min Scan# 1865

Delta R.T. 0.01 min

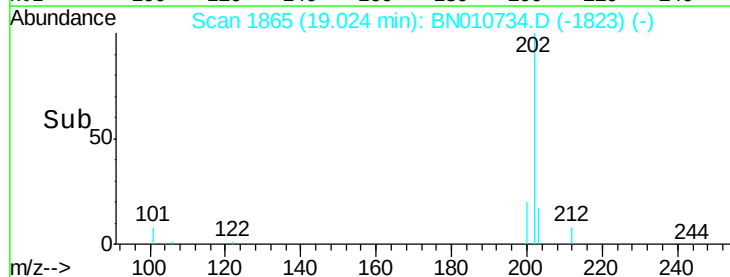
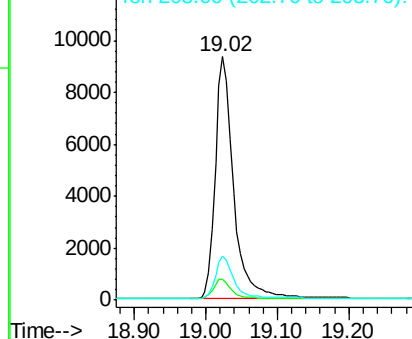
Lab File: BN010734.D

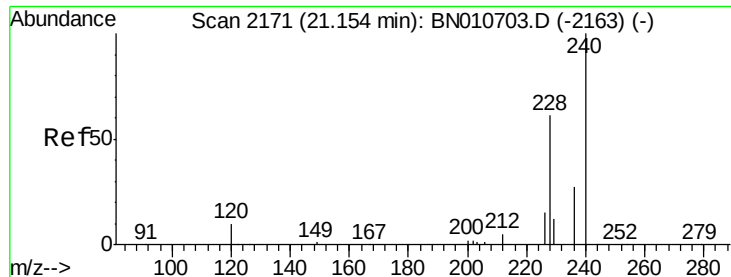
Acq: 21 May 2020 19:22

Tgt Ion:	202	Resp:	16651
Ion	Ratio	Lower	Upper
202	100		
101	8.4	6.7	10.1
203	17.4	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: BN010734.D

Acq: 21 May 2020 19:22

Instrument :

BNA_N

ClientSampleId :

PB129048BS

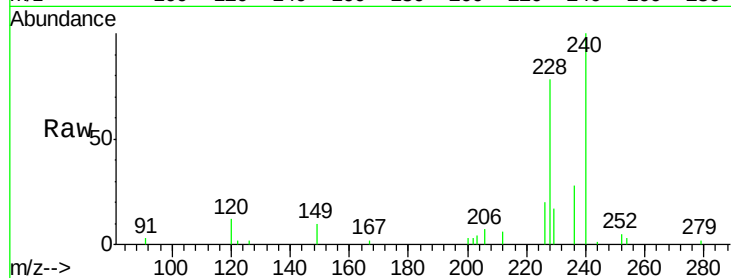
Tgt Ion:240 Resp: 10675

Ion Ratio Lower Upper

240 100

120 12.1 9.5 14.3

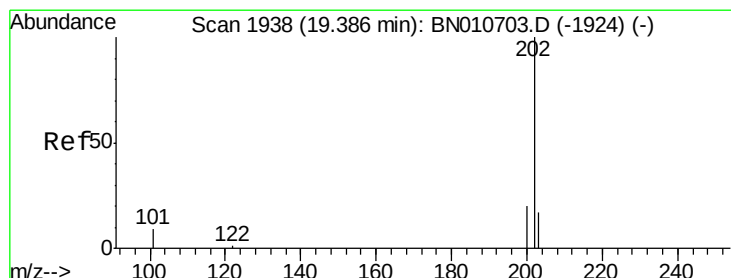
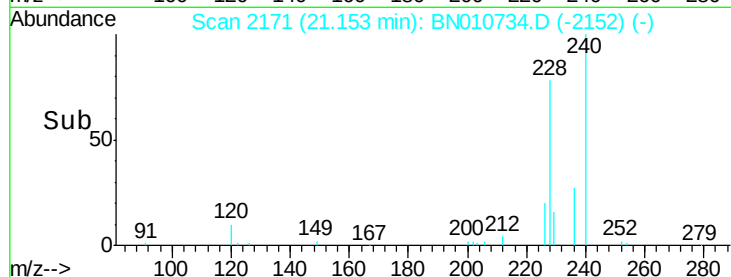
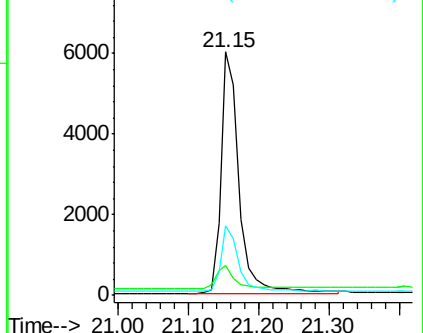
236 28.3 22.5 33.7



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: 0.43 ng

RT: 19.39 min Scan# 1938

Delta R.T. 0.01 min

Lab File: BN010734.D

Acq: 21 May 2020 19:22

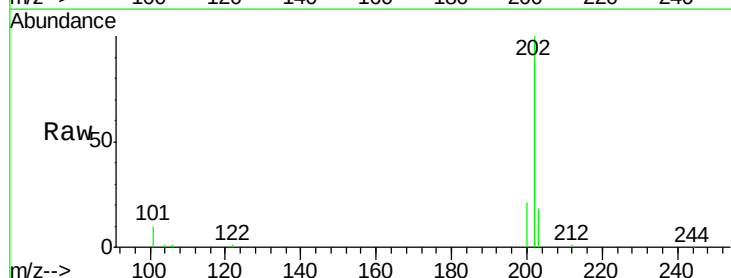
Tgt Ion:202 Resp: 16537

Ion Ratio Lower Upper

202 100

200 20.4 16.2 24.4

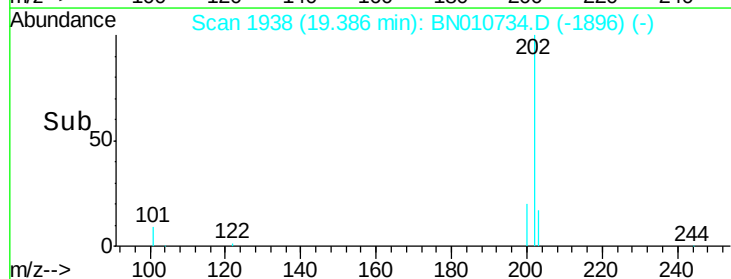
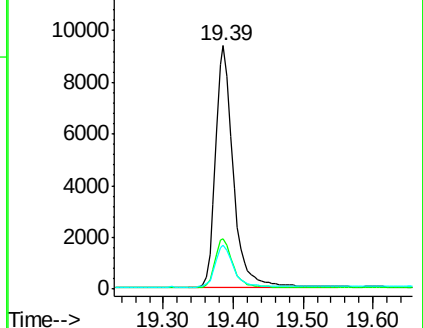
203 18.0 14.1 21.1

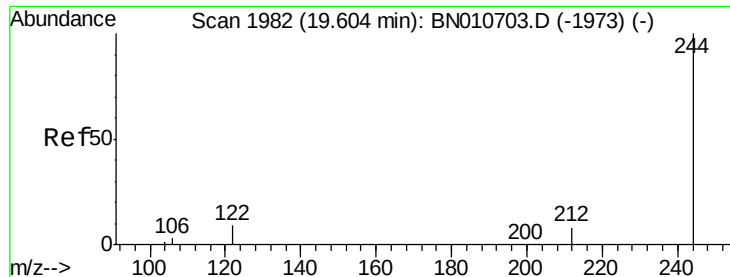


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.32 ng

RT: 19.61 min Scan# 1983

Delta R.T. 0.01 min

Lab File: BN010734.D

Acq: 21 May 2020 19:22

Instrument :

BNA_N

ClientSampleId :

PB129048BS

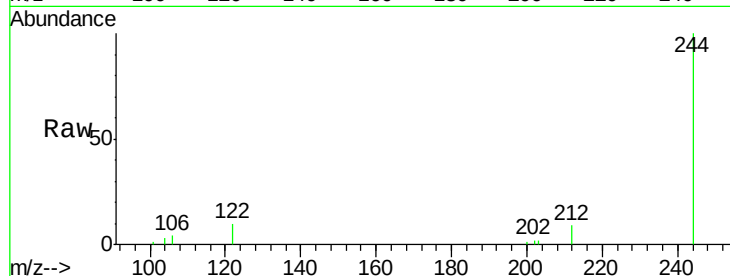
Tgt Ion:244 Resp: 8053

Ion Ratio Lower Upper

244 100

212 9.0 6.8 10.2

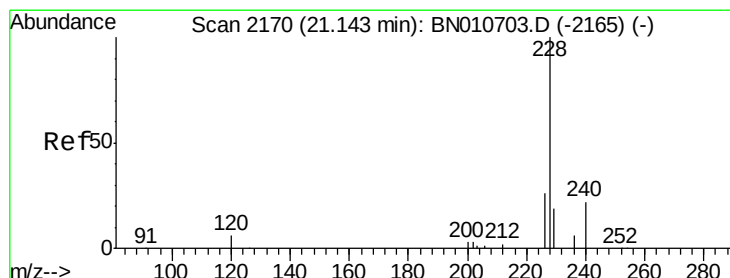
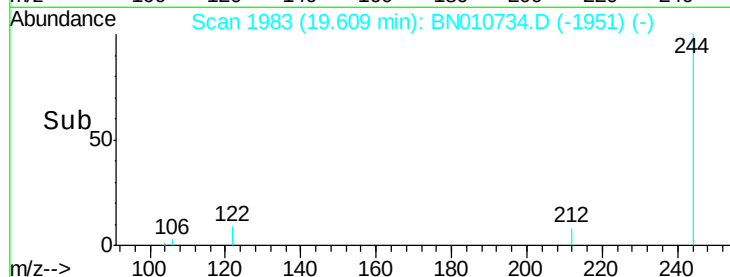
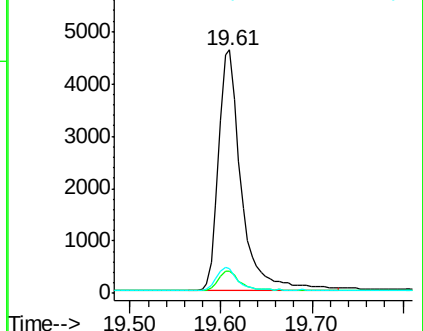
122 10.0 8.1 12.1



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: 0.43 ng

RT: 21.14 min Scan# 2170

Delta R.T. 0.00 min

Lab File: BN010734.D

Acq: 21 May 2020 19:22

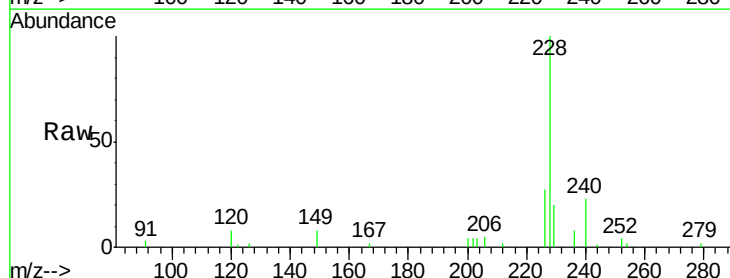
Tgt Ion:228 Resp: 13407

Ion Ratio Lower Upper

228 100

226 27.2 21.3 31.9

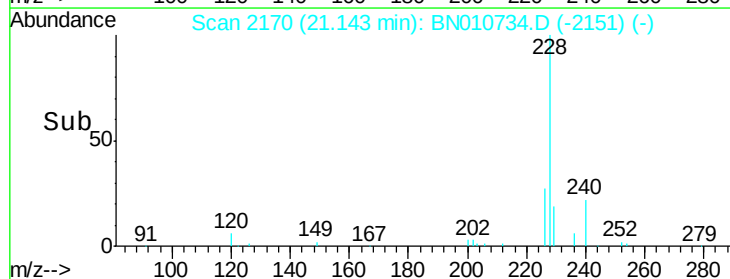
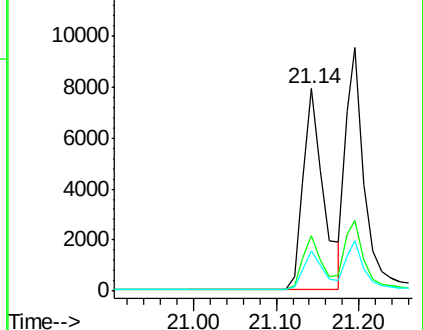
229 19.9 16.0 24.0

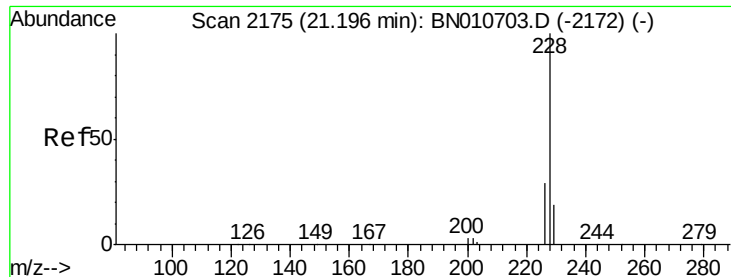


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.42 ng

RT: 21.20 min Scan# 2175

Delta R.T. 0.01 min

Lab File: BN010734.D

Acq: 21 May 2020 19:22

Instrument :

BNA_N

ClientSampleId :

PB129048BS

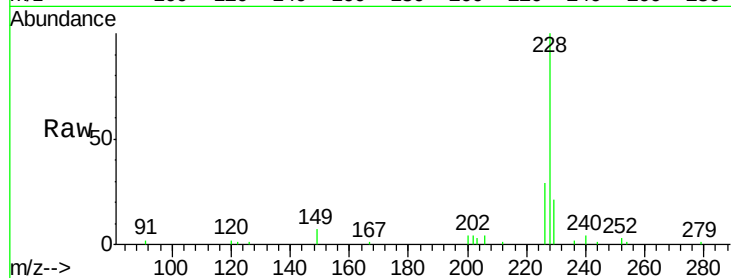
Tgt Ion:228 Resp: 14719

Ion Ratio Lower Upper

228 100

226 29.0 23.4 35.0

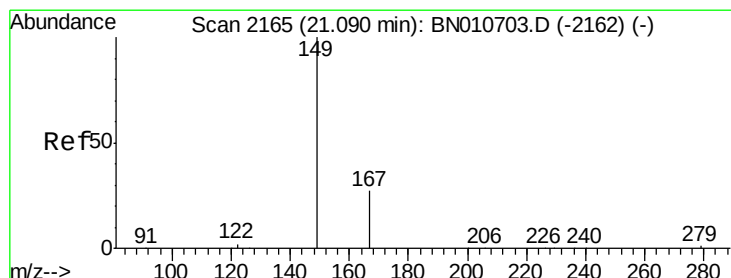
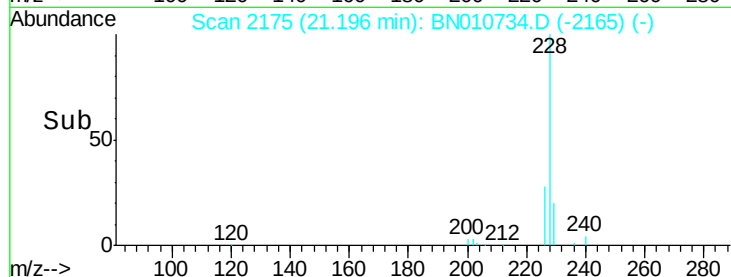
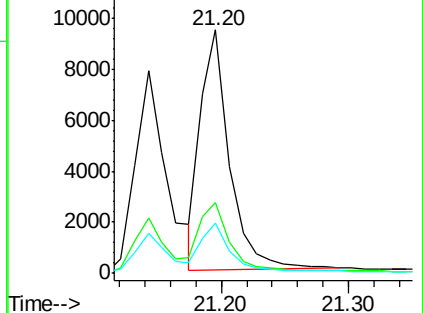
229 20.5 16.1 24.1



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: 0.38 ng

RT: 21.09 min Scan# 2165

Delta R.T. 0.00 min

Lab File: BN010734.D

Acq: 21 May 2020 19:22

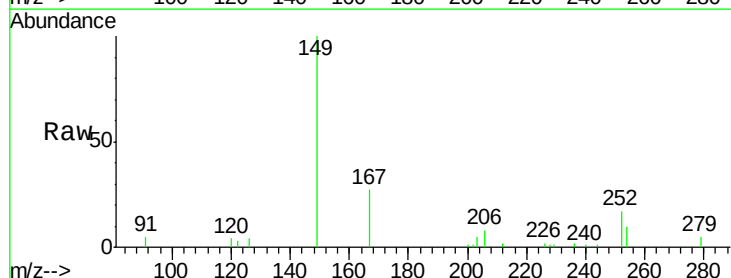
Tgt Ion:149 Resp: 5167

Ion Ratio Lower Upper

149 100

167 27.9 22.5 33.7

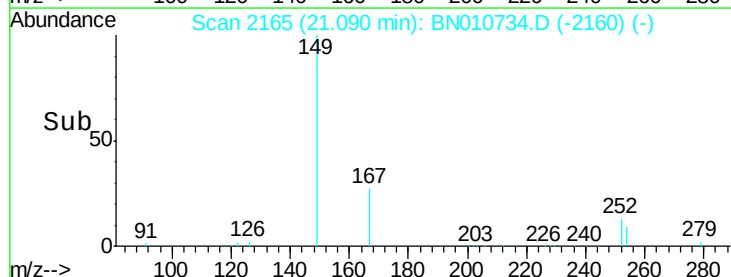
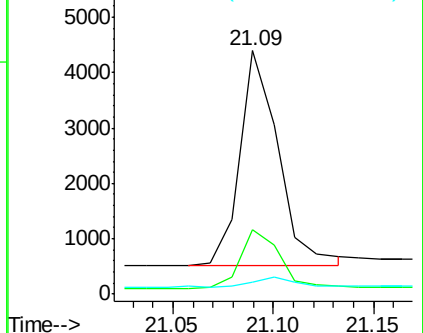
279 5.1 4.1 6.1

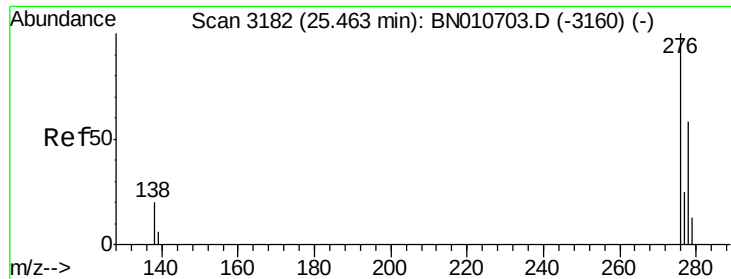


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.40 ng

RT: 25.46 min Scan# 3182

Delta R.T. 0.01 min

Lab File: BN010734.D

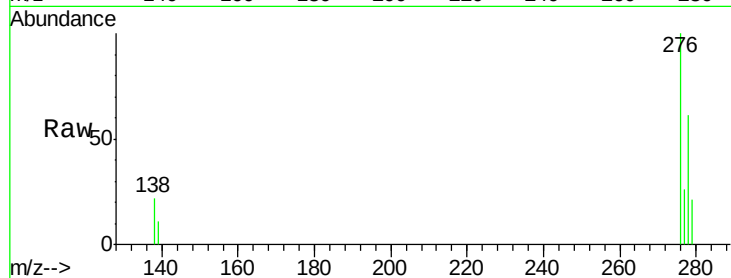
Acq: 21 May 2020 19:22

Instrument :

BNA_N

ClientSampleId :

PB129048BS



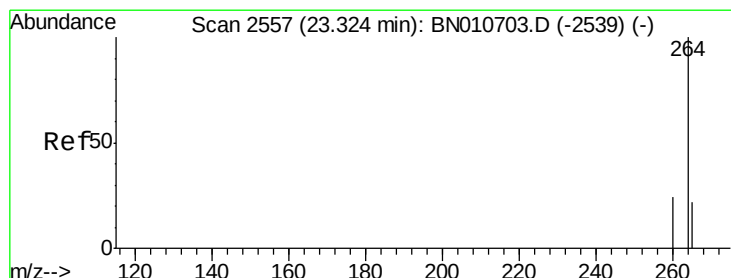
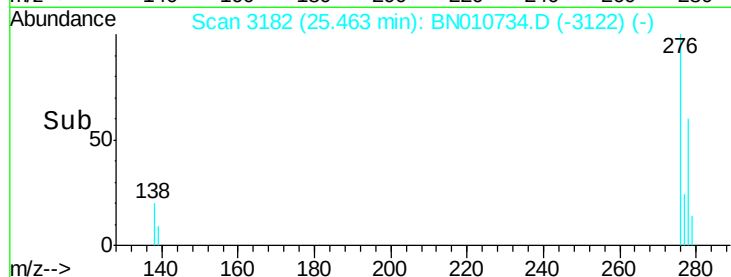
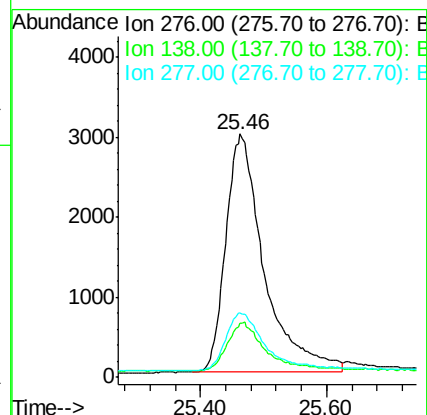
Tgt Ion:276 Resp: 12593

Ion Ratio Lower Upper

276 100

138 18.8 15.1 22.7

277 24.8 19.4 29.0



#34

Perylene-d12

Concen: 0.40 ng

RT: 23.32 min Scan# 2556

Delta R.T. 0.00 min

Lab File: BN010734.D

Acq: 21 May 2020 19:22

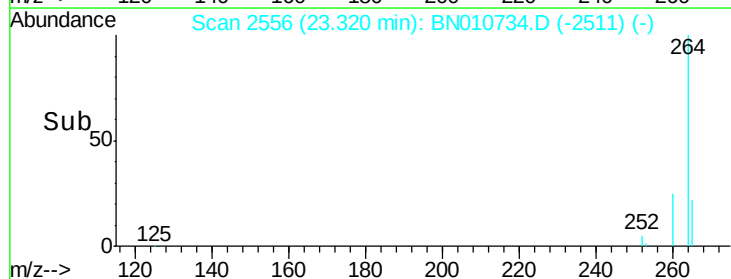
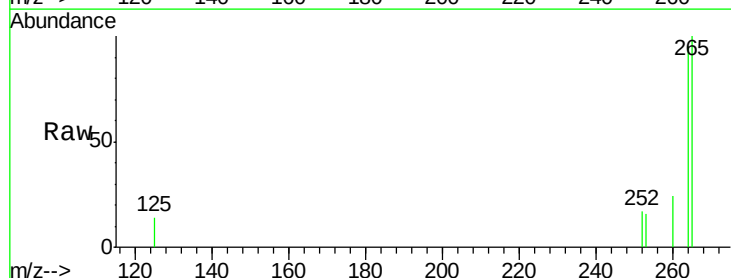
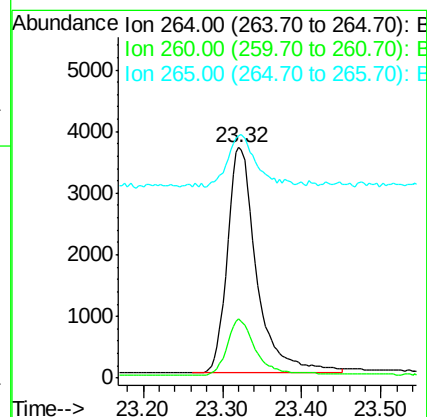
Tgt Ion:264 Resp: 9388

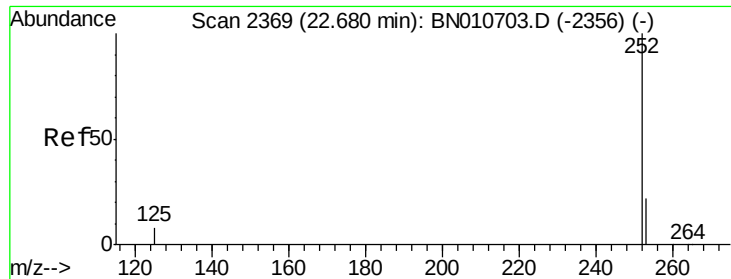
Ion Ratio Lower Upper

264 100

260 25.5 19.6 29.4

265 104.9 70.1 105.1





#35

Benzo(b)fluoranthene

Concen: 0.42 ng

RT: 22.68 min Scan# 2369

Delta R.T. 0.00 min

Lab File: BN010734.D

Acq: 21 May 2020 19:22

Instrument :

BNA_N

ClientSampleId :

PB129048BS

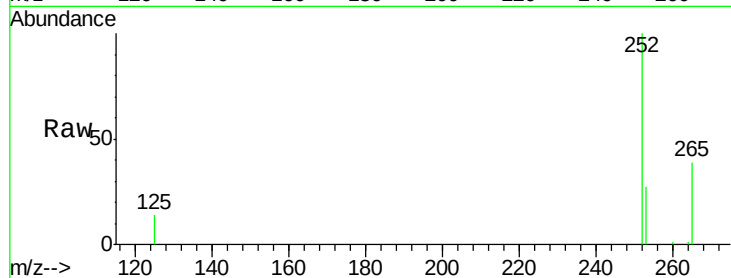
Tgt Ion:252 Resp: 12962

Ion Ratio Lower Upper

252 100

253 27.3 22.0 33.0

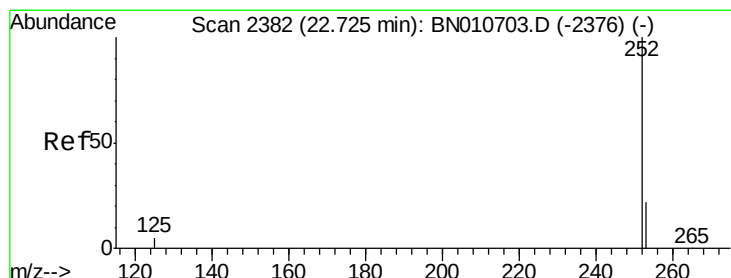
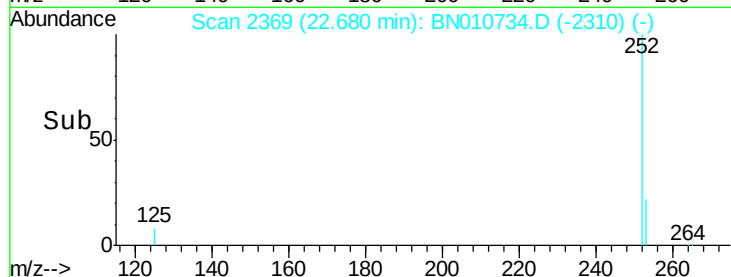
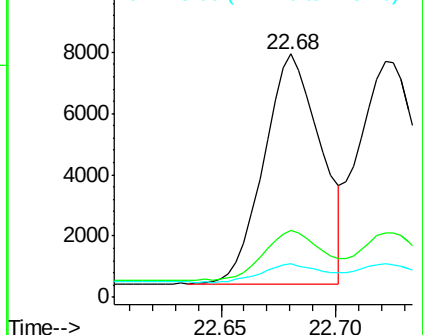
125 13.8 10.8 16.2



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: 0.44 ng

RT: 22.72 min Scan# 2381

Delta R.T. 0.00 min

Lab File: BN010734.D

Acq: 21 May 2020 19:22

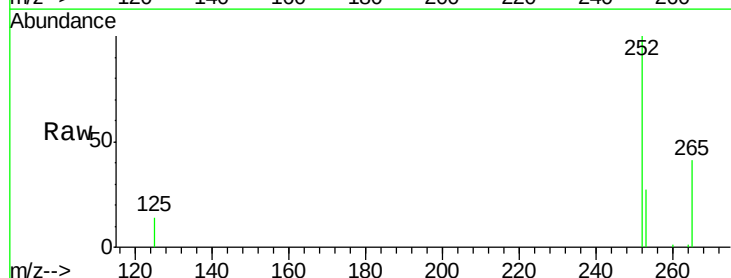
Tgt Ion:252 Resp: 14598

Ion Ratio Lower Upper

252 100

253 27.5 21.9 32.9

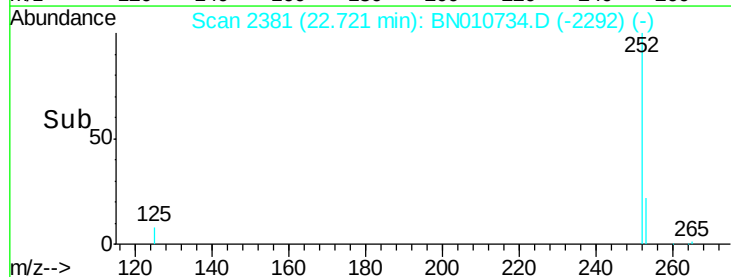
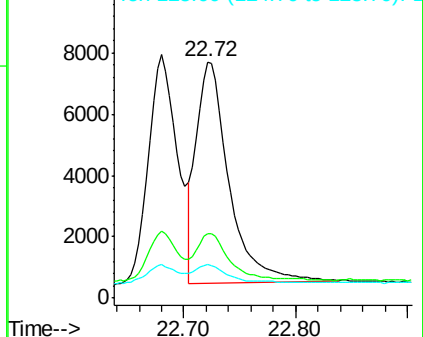
125 14.1 11.1 16.7

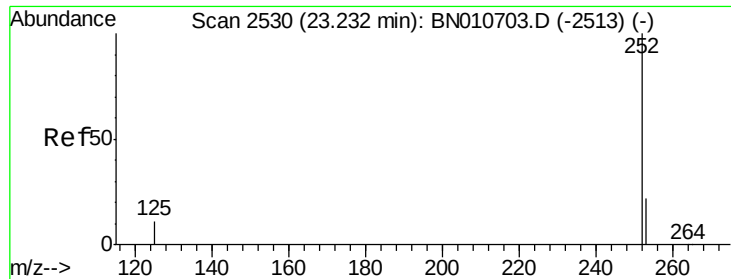


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.44 ng

RT: 23.23 min Scan# 2529

Delta R.T. 0.00 min

Lab File: BN010734.D

Acq: 21 May 2020 19:22

Instrument :

BNA_N

ClientSampleId :

PB129048BS

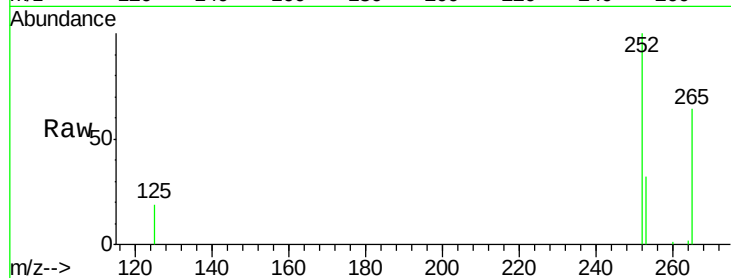
Tgt Ion:252 Resp: 11727

Ion Ratio Lower Upper

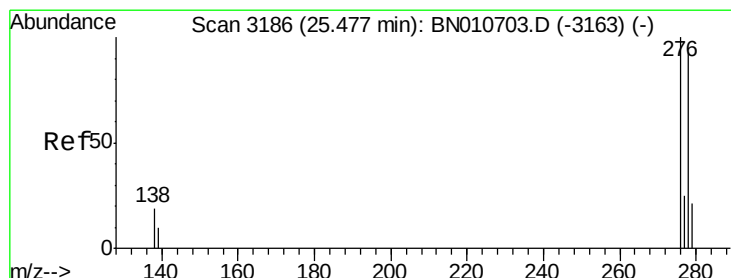
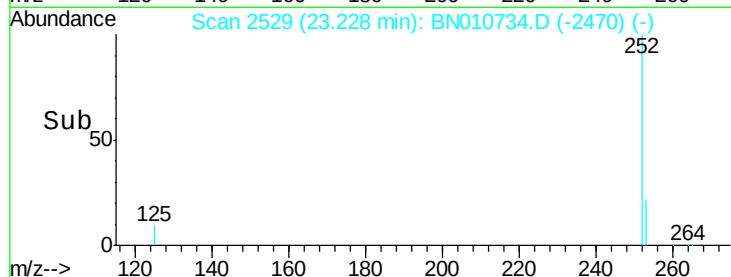
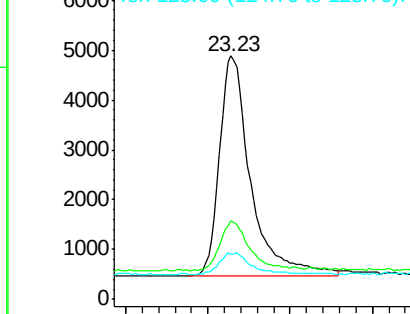
252 100

253 32.1 24.8 37.2

125 18.6 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: 0.44 ng

RT: 25.48 min Scan# 3187

Delta R.T. 0.01 min

Lab File: BN010734.D

Acq: 21 May 2020 19:22

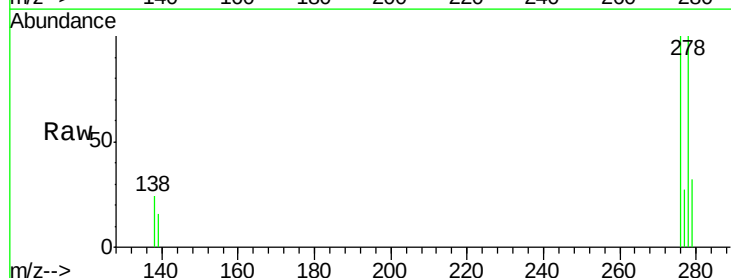
Tgt Ion:278 Resp: 10007

Ion Ratio Lower Upper

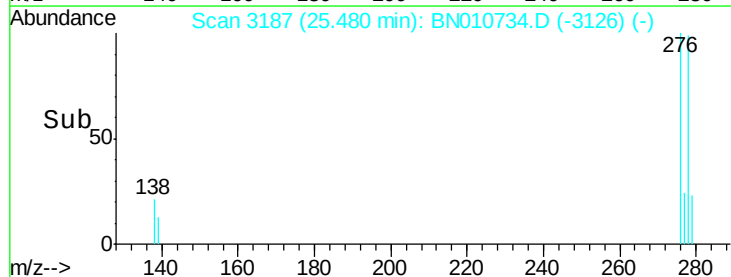
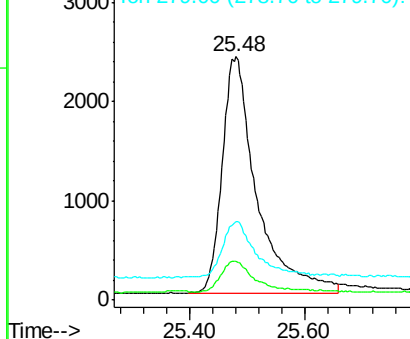
278 100

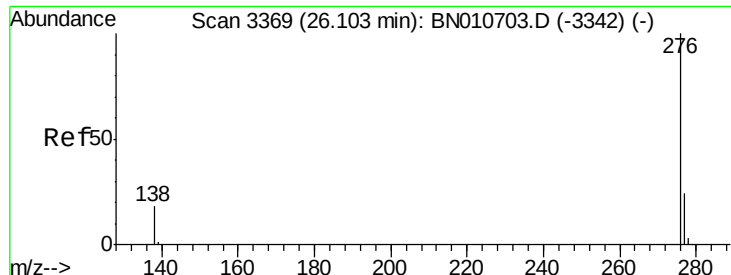
139 16.1 13.0 19.4

279 32.1 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: 0.45 ng

RT: 26.10 min Scan# 3368

Delta R.T. 0.00 min

Lab File: BN010734.D

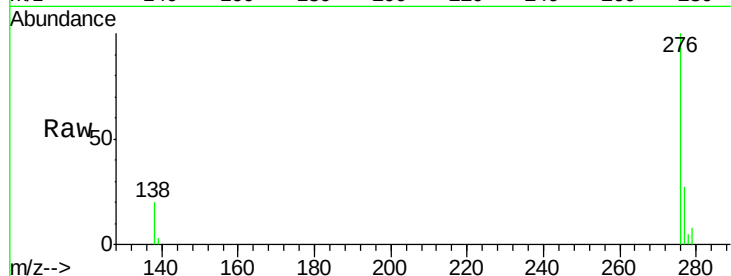
Acq: 21 May 2020 19:22

Instrument :

BNA_N

ClientSampleId :

PB129048BS



Tgt Ion: 276 Resp: 12204

Ion Ratio Lower Upper

276 100

277 26.6 20.6 30.8

138 20.1 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

