

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052120\
 Data File : BN010739.D
 Acq On : 21 May 2020 22:22
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: May 22 00:50:45 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	3730	0.40	ng	0.00
7) Naphthalene-d8	10.33	136	15201	0.40	ng	0.00
13) Acenaphthene-d10	14.19	164	9382	0.40	ng	-0.01
19) Phenanthrene-d10	16.94	188	18894	0.40	ng	-0.01
27) Chrysene-d12	21.15	240	14306	0.40	ng	0.00
34) Perylene-d12	23.31	264	13704	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	3049	0.42	ng	0.00
5) Phenol-d6	6.77	99	3717	0.42	ng	0.00
8) Nitrobenzene-d5	8.71	82	4189	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	11.92	152	9854	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.71	330	1216	0.36	ng	0.00
15) 2-Fluorobiphenyl	12.82	172	13658	0.40	ng	0.00
25) Fluoranthene-d10	18.98	212	19285	0.38	ng	0.00
29) Terphenyl-d14	19.59	244	14373	0.42	ng	0.00

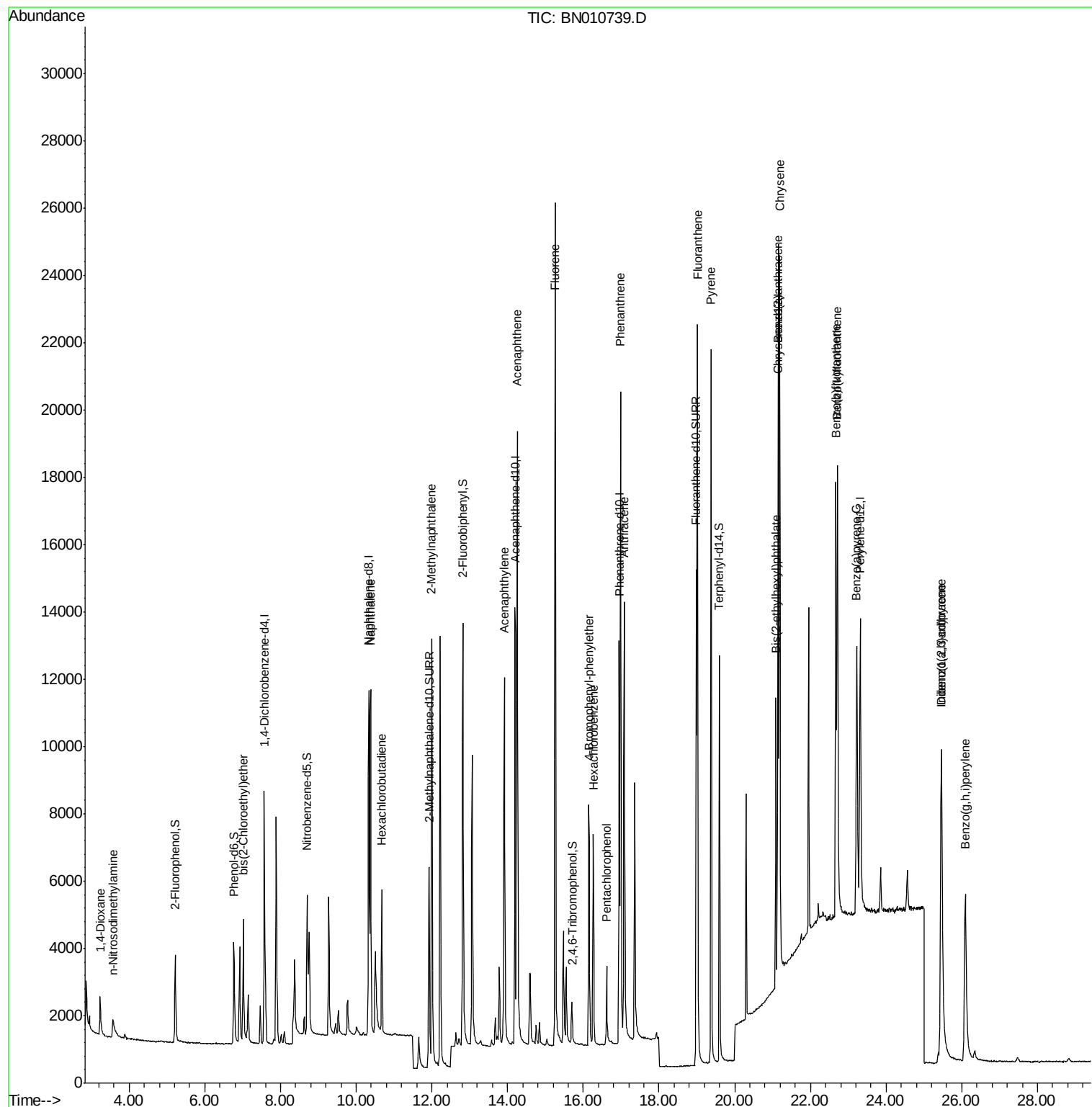
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.24	88	1233	0.383	ng	96
3) n-Nitrosodimethylamine	3.57	42	694	0.375	ng	96
6) bis(2-Chloroethyl)ether	7.02	93	3842	0.418	ng	99
9) Naphthalene	10.38	128	15154	0.396	ng	99
10) Hexachlorobutadiene	10.67	225	3396	0.388	ng	# 98
12) 2-Methylnaphthalene	12.00	142	10792	0.400	ng	99
16) Acenaphthylene	13.91	152	14439	0.377	ng	100
17) Acenaphthene	14.26	154	10186	0.393	ng	100
18) Fluorene	15.25	166	13179	0.388	ng	99
20) 4-Bromophenyl-phenylether	16.15	248	4203	0.403	ng	# 90
21) Hexachlorobenzene	16.26	284	4996	0.402	ng	99
22) Pentachlorophenol	16.61	266	1569	0.408	ng	99
23) Phenanthrene	16.99	178	20256	0.400	ng	100
24) Anthracene	17.08	178	15970	0.375	ng	100
26) Fluoranthene	19.01	202	21627	0.376	ng	99
28) Pyrene	19.38	202	21240	0.414	ng	100
30) Benzo(a)anthracene	21.13	228	16319	0.391	ng	99
31) Chrysene	21.19	228	18666	0.395	ng	99
32) Bis(2-ethylhexyl)phthalate	21.09	149	7180	0.393	ng	99
33) Indeno(1,2,3-cd)pyrene	25.45	276	15445	0.368	ng	98
35) Benzo(b)fluoranthene	22.67	252	16805	0.371	ng	98
36) Benzo(k)fluoranthene	22.71	252	19539	0.400	ng	98
37) Benzo(a)pyrene	23.22	252	15177	0.387	ng	98
38) Dibenzo(a,h)anthracene	25.47	278	11702	0.349	ng	98
39) Benzo(g,h,i)perylene	26.09	276	13780	0.351	ng	100

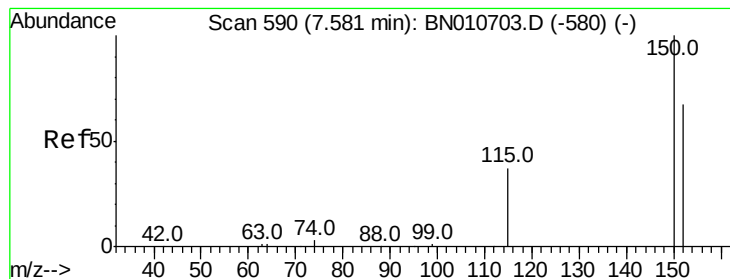
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 21 16:54:53 2020
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.57 min Scan# 589

Delta R.T. 0.00 min

Lab File: BN010739.D

Acq: 21 May 2020 22:22

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

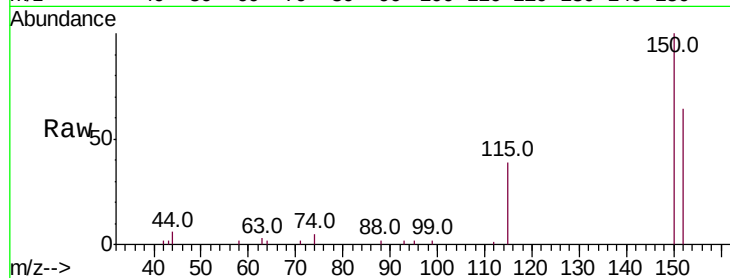
Tot Ion:152 Resp: 3730

Ion Ratio Lower Upper

152 100

150 157.2 119.4 179.0

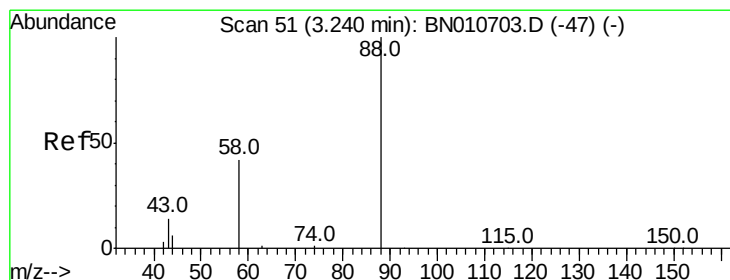
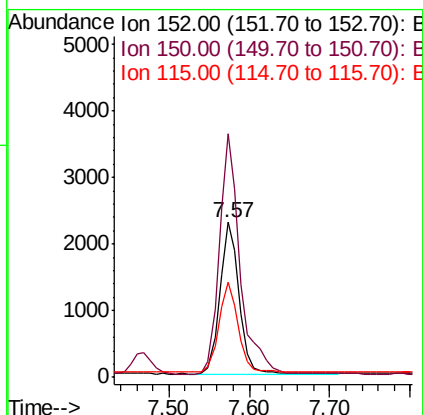
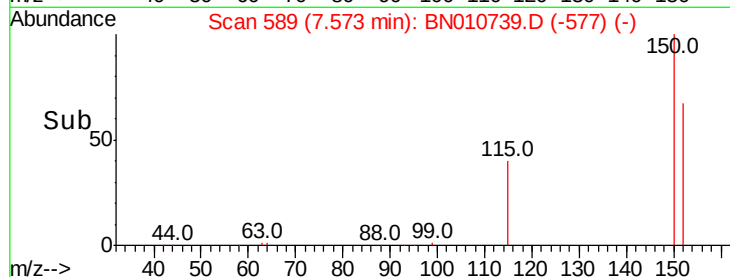
115 61.6 45.9 68.9



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: 0.383 ng

RT: 3.24 min Scan# 51

Delta R.T. 0.00 min

Lab File: BN010739.D

Acq: 21 May 2020 22:22

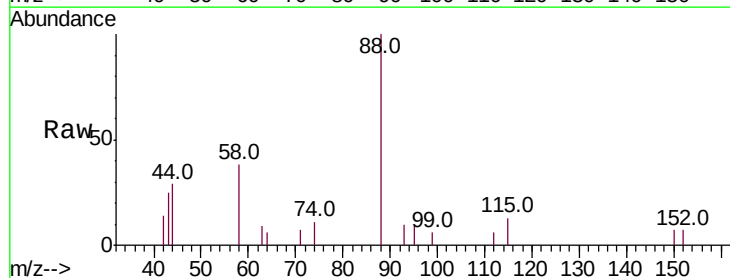
Tgt Ion: 88 Resp: 1233

Ion Ratio Lower Upper

88 100

58 52.1 39.0 58.6

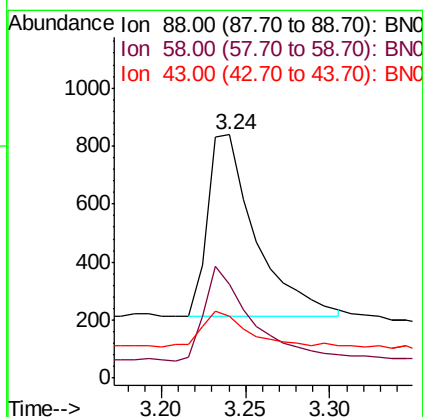
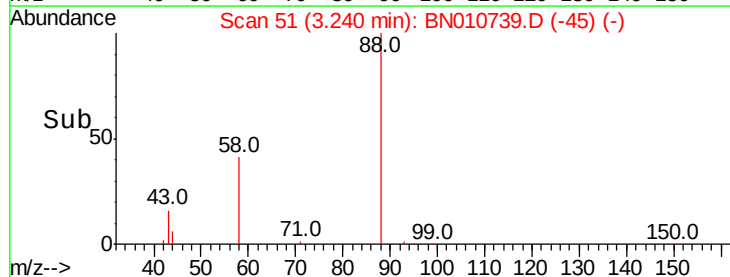
43 16.5 13.1 19.7

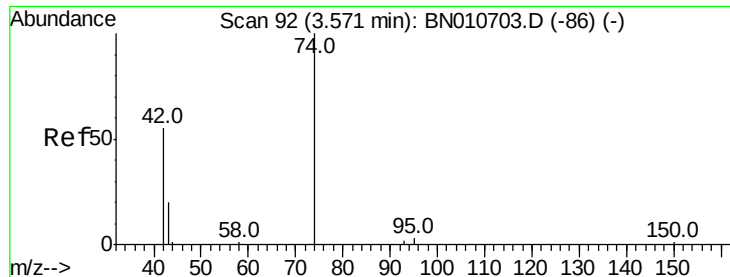


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.375 ng

RT: 3.57 min Scan# 92

Delta R.T. -0.01 min

Lab File: BN010739.D

Acq: 21 May 2020 22:22

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

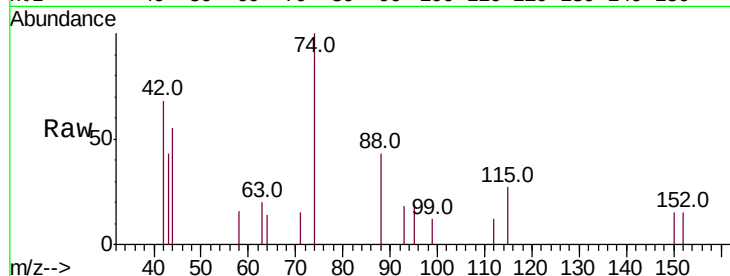
Tot Ion: 42 Resp: 694

Ion Ratio Lower Upper

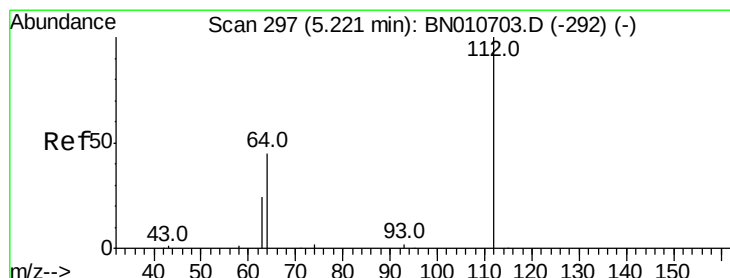
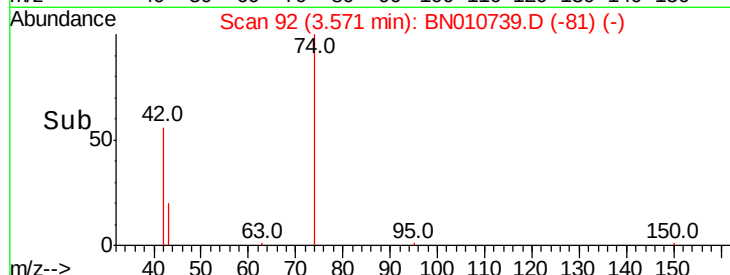
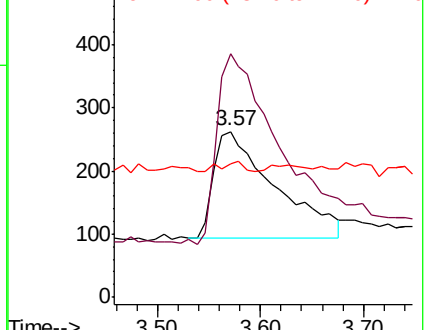
42 100

74 188.2 146.2 219.2

44 3.5 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: 0.418 ng

RT: 5.22 min Scan# 297

Delta R.T. 0.00 min

Lab File: BN010739.D

Acq: 21 May 2020 22:22

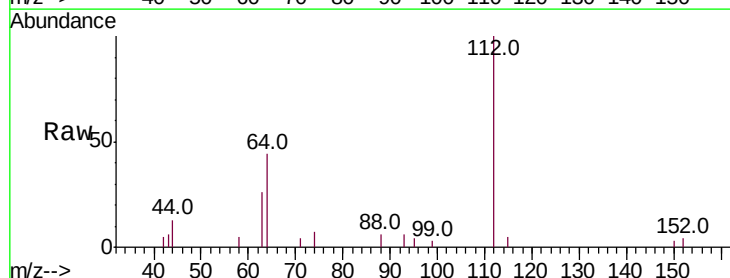
Tgt Ion: 112 Resp: 3049

Ion Ratio Lower Upper

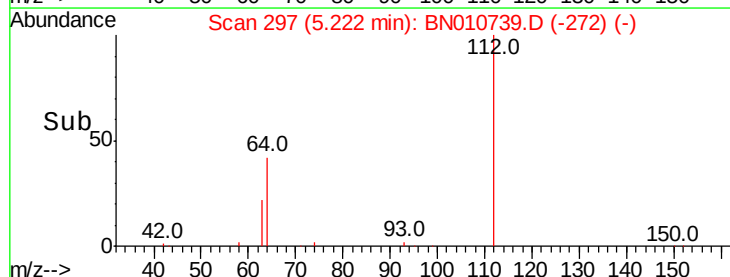
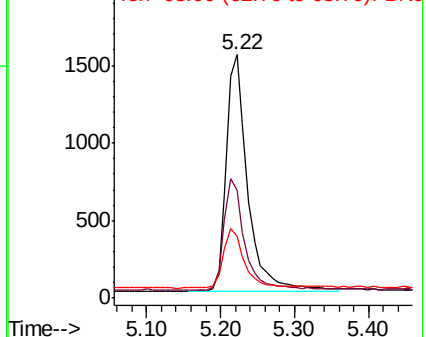
112 100

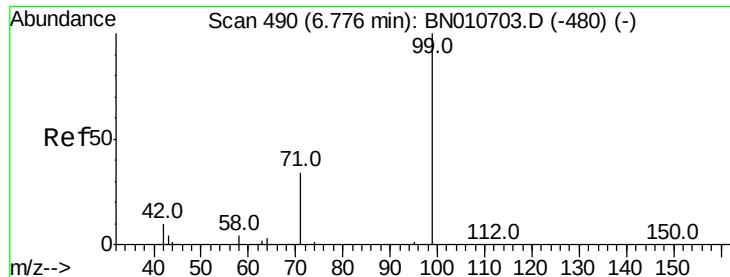
64 46.1 36.2 54.4

63 24.4 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: 0.417 ng

RT: 6.77 min Scan# 489

Delta R.T. 0.00 min

Lab File: BN010739.D

Acq: 21 May 2020 22:22

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

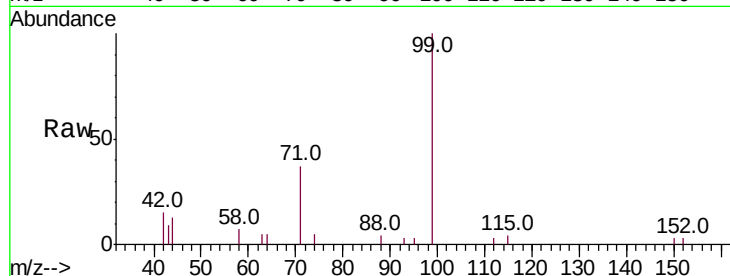
Tot Ion: 99 Resp: 3717

Ion Ratio Lower Upper

99 100

42 14.1 9.8 14.8

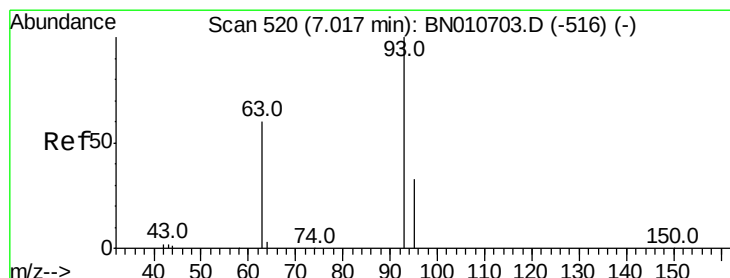
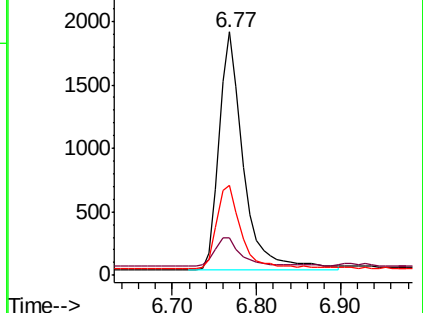
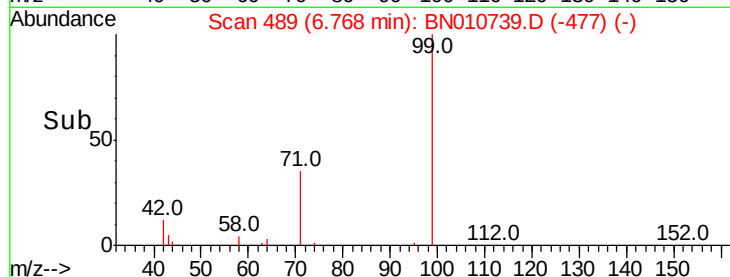
71 36.0 28.6 42.8



Abundance Ion 99.00 (98.70 to 99.70): BN010739.D (-480) (-)

Ion 42.00 (41.70 to 42.70): BN010739.D (-480) (-)

Ion 71.00 (70.70 to 71.70): BN010739.D (-480) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.418 ng

RT: 7.02 min Scan# 520

Delta R.T. 0.00 min

Lab File: BN010739.D

Acq: 21 May 2020 22:22

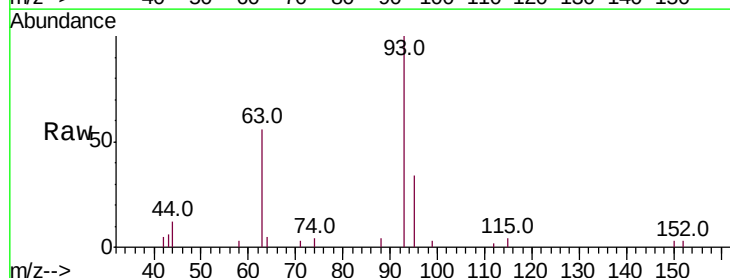
Tgt Ion: 93 Resp: 3842

Ion Ratio Lower Upper

93 100

63 54.2 43.1 64.7

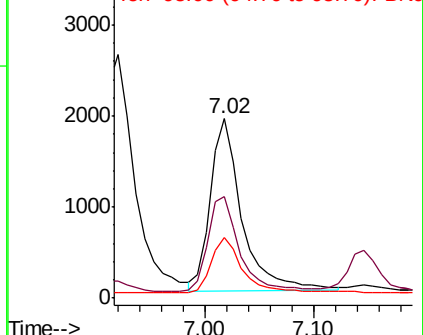
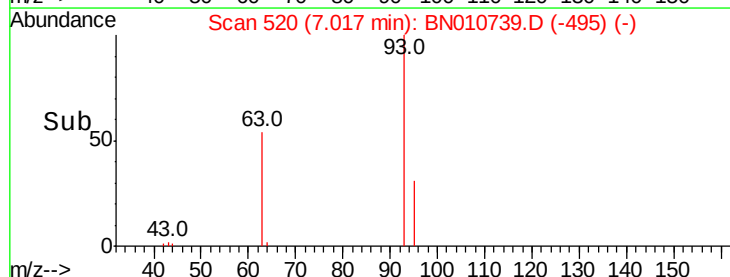
95 31.4 24.6 37.0

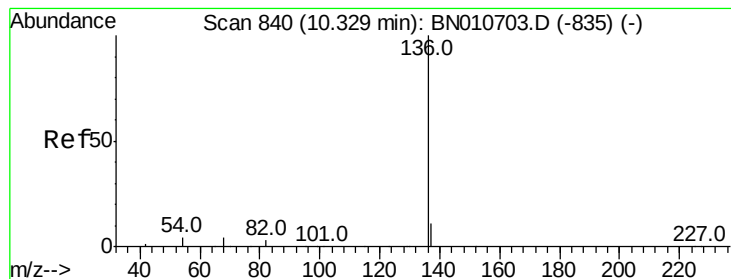


Abundance Ion 93.00 (92.70 to 93.70): BN010739.D (-516) (-)

Ion 63.00 (62.70 to 63.70): BN010739.D (-516) (-)

Ion 95.00 (94.70 to 95.70): BN010739.D (-516) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.33 min Scan# 840

Delta R.T. 0.00 min

Lab File: BN010739.D

Acq: 21 May 2020 22:22

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 15201

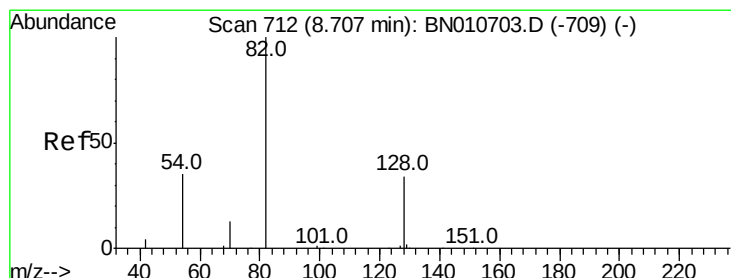
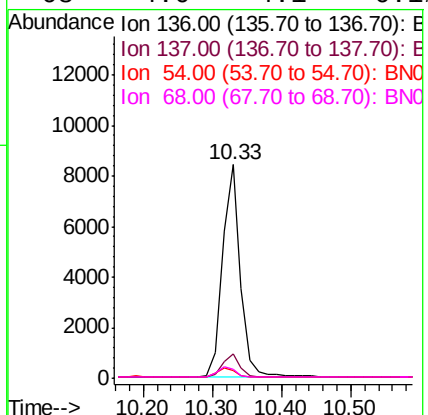
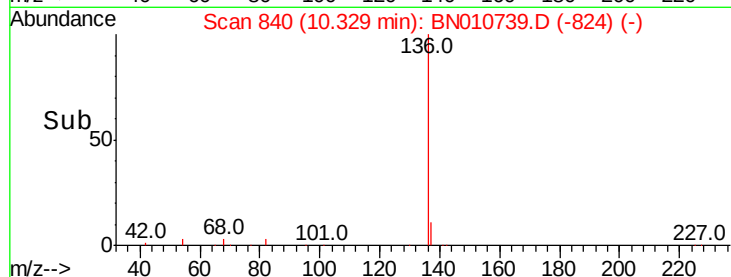
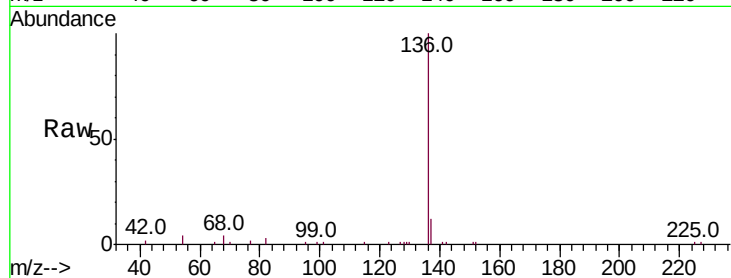
Ion Ratio Lower Upper

136 100

137 11.6 9.2 13.8

54 3.6 3.6 5.4#

68 4.0 4.1 6.1#



#8

Nitrobenzene-d5

Concen: 0.397 ng

RT: 8.71 min Scan# 712

Delta R.T. 0.00 min

Lab File: BN010739.D

Acq: 21 May 2020 22:22

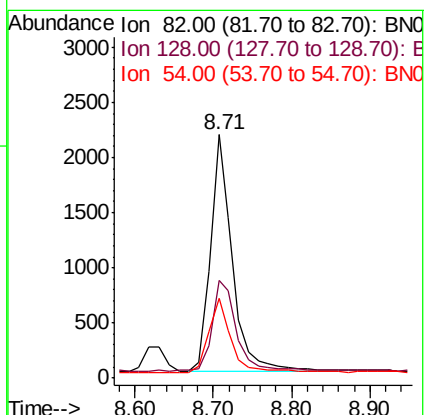
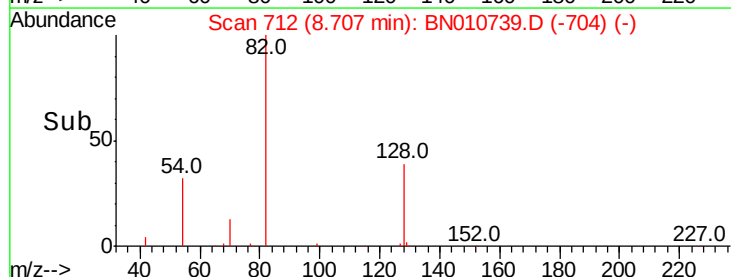
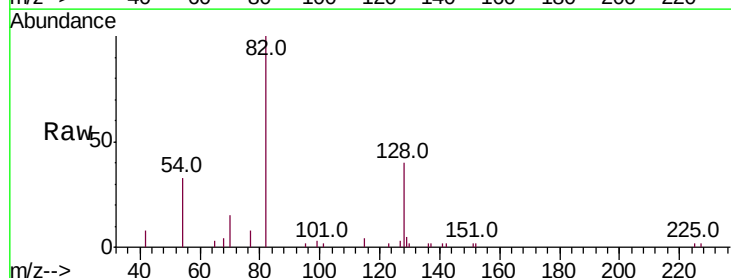
Tgt Ion: 82 Resp: 4189

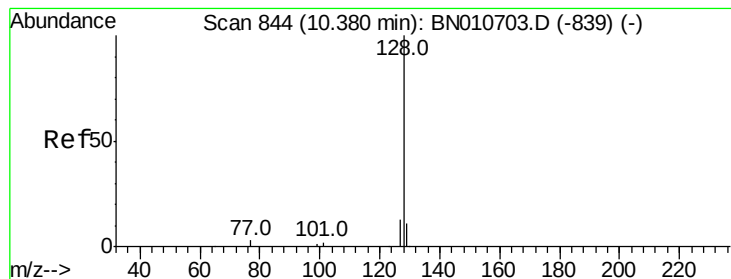
Ion Ratio Lower Upper

82 100

128 39.9 29.0 43.4

54 33.0 29.3 43.9





#9

Naphthalene

Concen: 0.396 ng

RT: 10.38 min Scan# 844

Delta R.T. 0.00 min

Lab File: BN010739.D

Acq: 21 May 2020 22:22

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

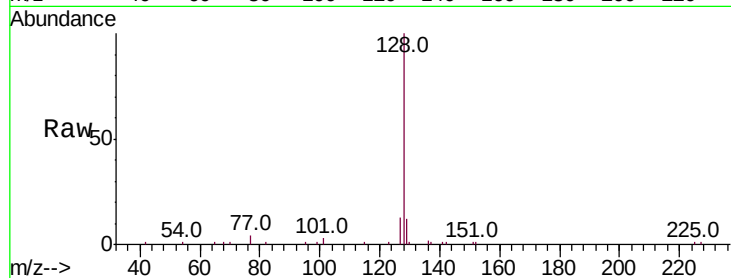
Tot Ion:128 Resp: 15154

Ion Ratio Lower Upper

128 100

129 11.8 9.3 13.9

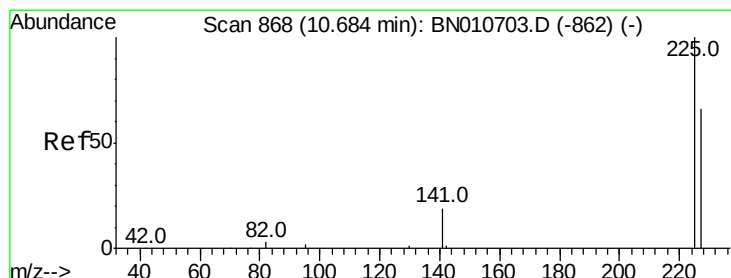
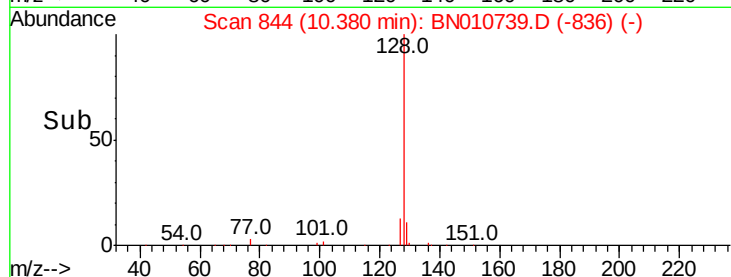
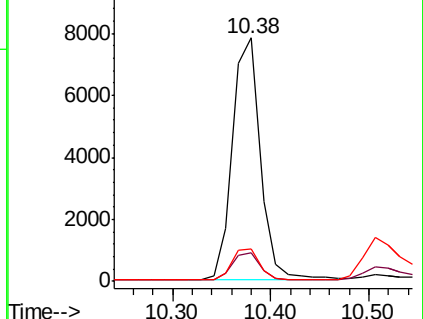
127 13.1 11.0 16.6



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: 0.388 ng

RT: 10.67 min Scan# 867

Delta R.T. 0.00 min

Lab File: BN010739.D

Acq: 21 May 2020 22:22

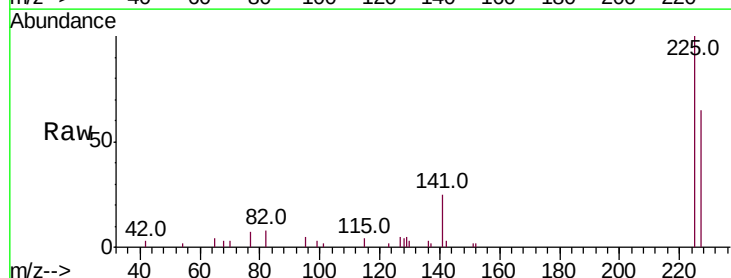
Tgt Ion:225 Resp: 3396

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

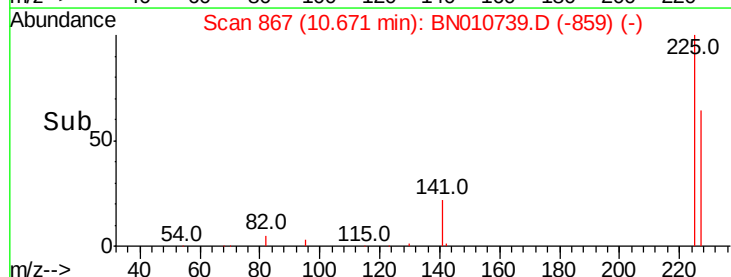
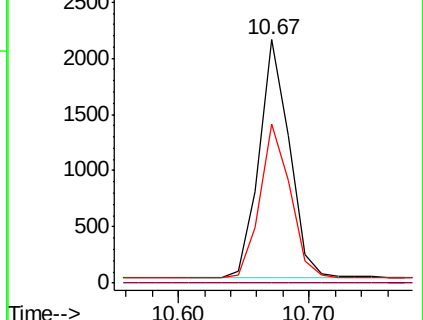
227 64.7 50.7 76.1

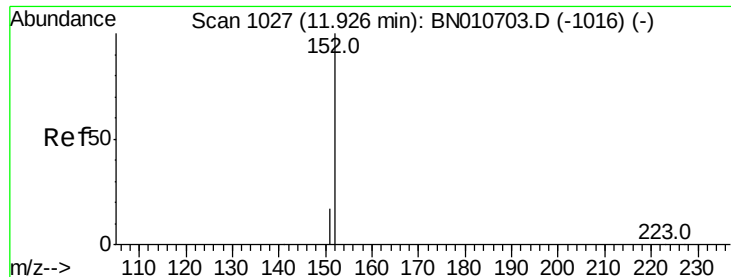


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.397 ng

RT: 11.92 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BN010739.D

Acq: 21 May 2020 22:22

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ClientSampleId :

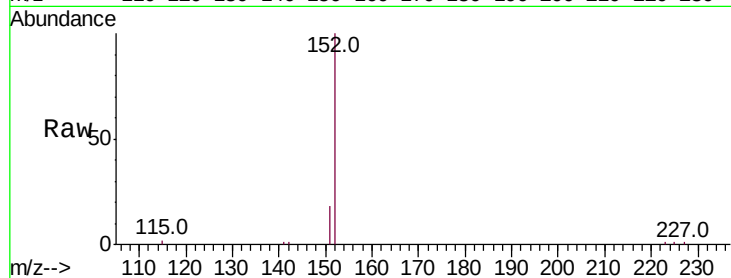
SSTDCCC0.4EC

Tot Ion:152 Resp: 9854

Ion Ratio Lower Upper

152 100

151 18.9 15.0 22.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

6000

5000

4000

3000

2000

1000

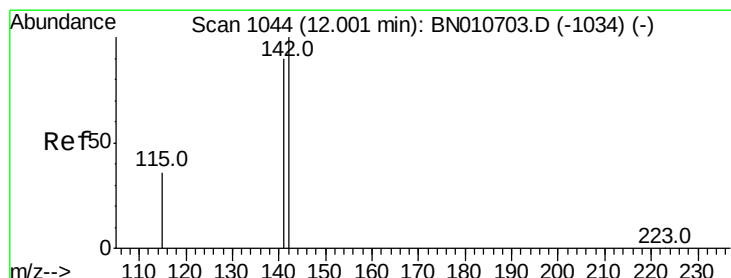
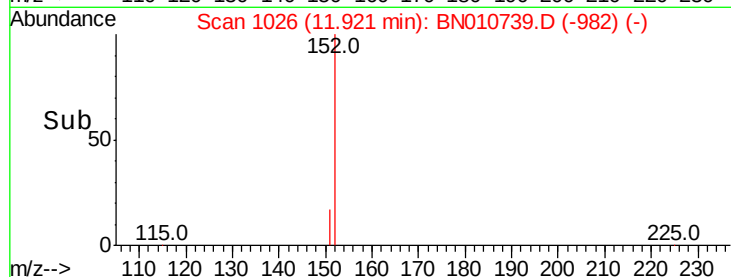
0

11.80

11.92

12.00

Time-->



#12

2-Methylnaphthalene

Concen: 0.400 ng

RT: 12.00 min Scan# 1043

Delta R.T. 0.00 min

Lab File: BN010739.D

Acq: 21 May 2020 22:22

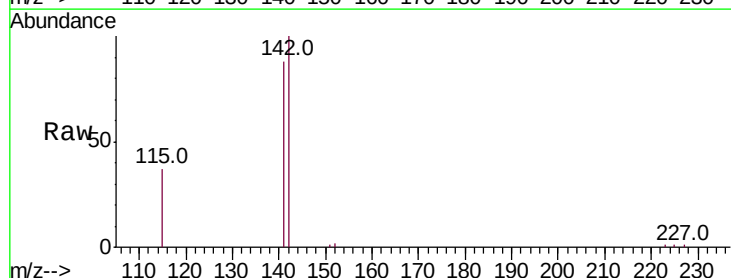
Tgt Ion:142 Resp: 10792

Ion Ratio Lower Upper

142 100

141 88.2 71.7 107.5

115 36.5 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

6000

5000

4000

3000

2000

1000

0

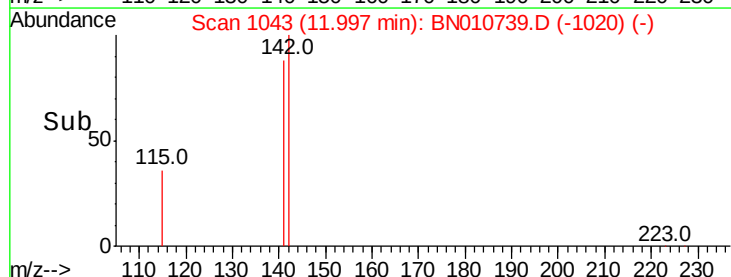
11.90

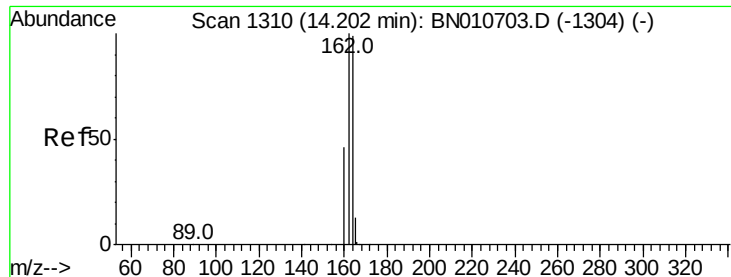
12.00

12.10

12.20

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.19 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BN010739.D

Acq: 21 May 2020 22:22

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

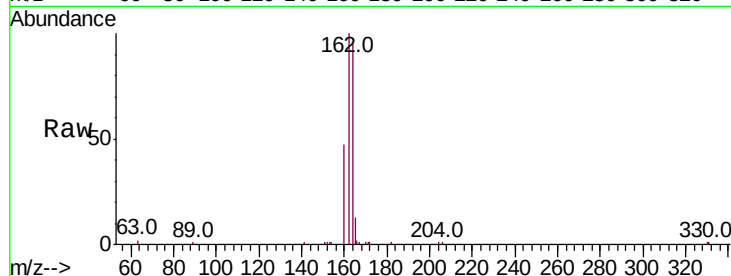
Tot Ion:164 Resp: 9382

Ion Ratio Lower Upper

164 100

162 105.0 81.1 121.7

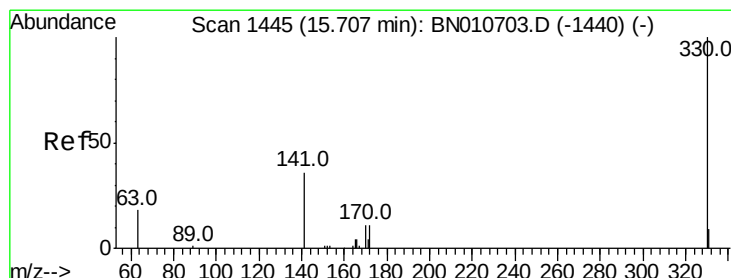
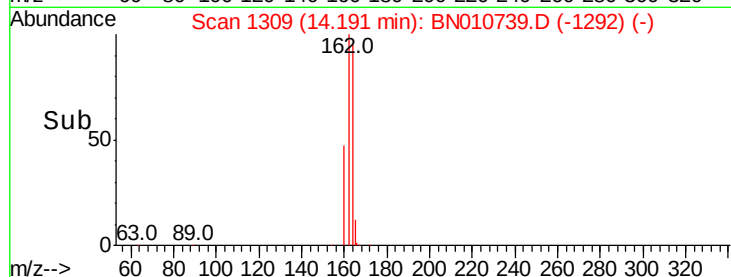
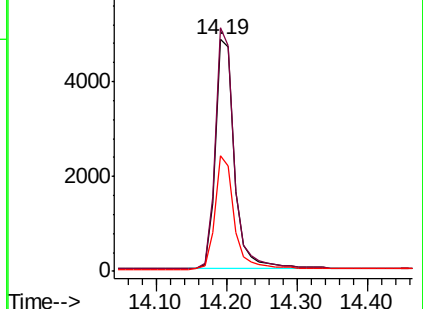
160 49.6 37.9 56.9



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: 0.357 ng

RT: 15.71 min Scan# 1445

Delta R.T. 0.00 min

Lab File: BN010739.D

Acq: 21 May 2020 22:22

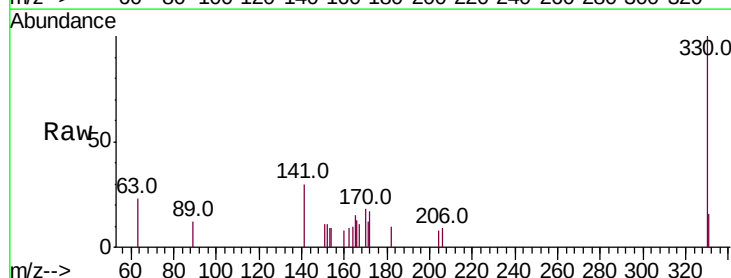
Tgt Ion:330 Resp: 1216

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

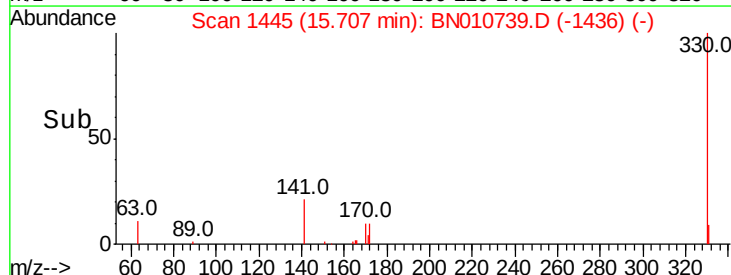
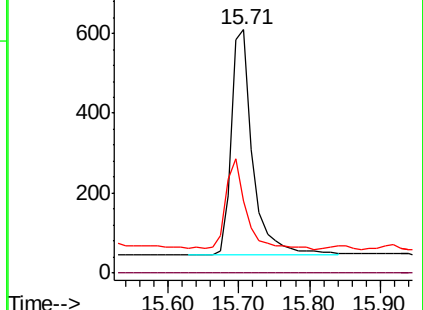
141 37.5 28.8 43.2

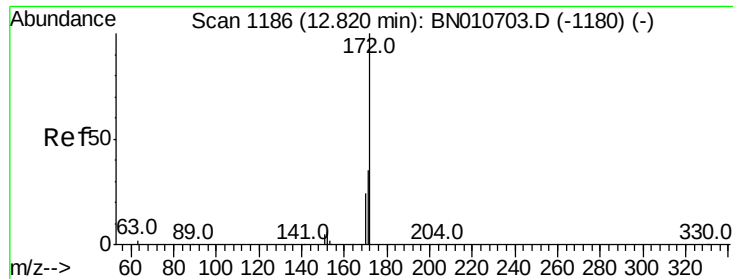


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.397 ng

RT: 12.82 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BN010739.D

Acq: 21 May 2020 22:22

Instrument :

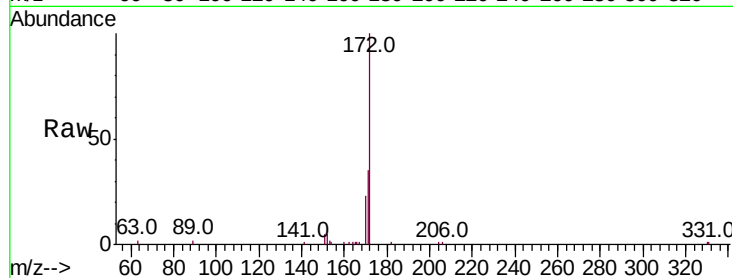
BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:172 Resp: 13658

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.6	42.8
170	22.6	19.8	29.8

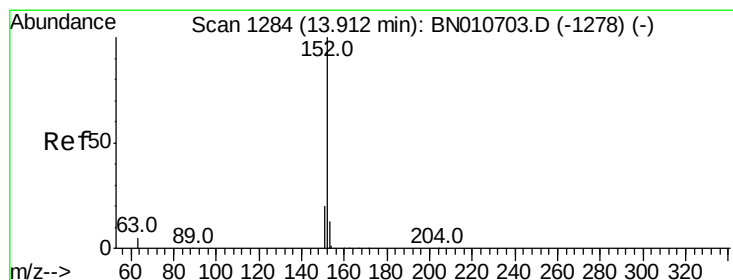
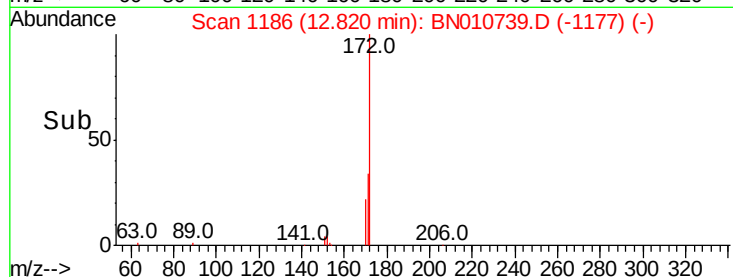
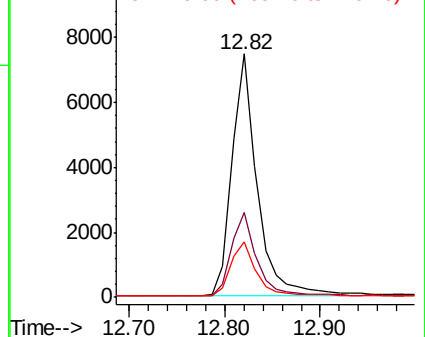


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 0.377 ng

RT: 13.91 min Scan# 1284

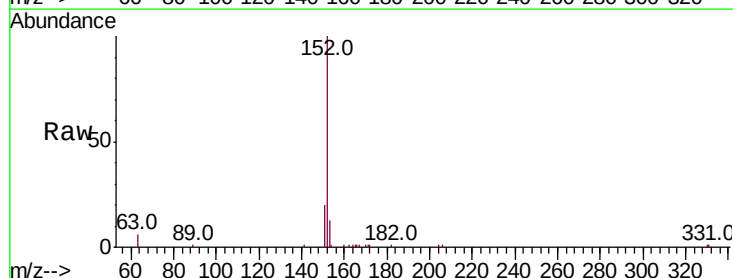
Delta R.T. 0.00 min

Lab File: BN010739.D

Acq: 21 May 2020 22:22

Tgt Ion:152 Resp: 14439

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.6	23.4
153	13.1	10.4	15.6

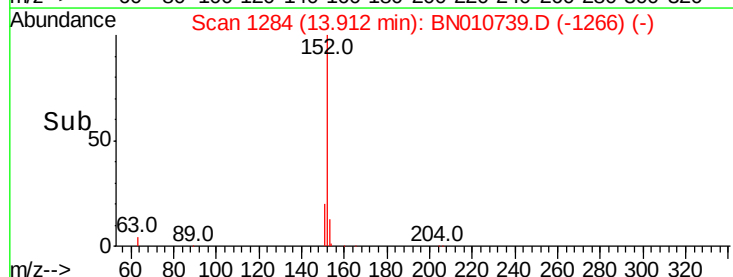
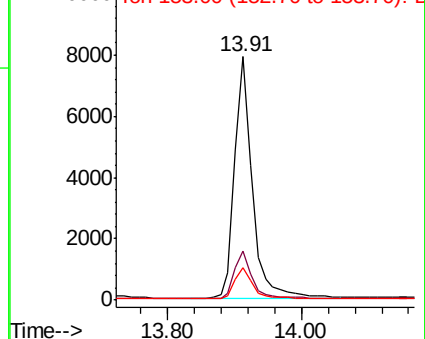


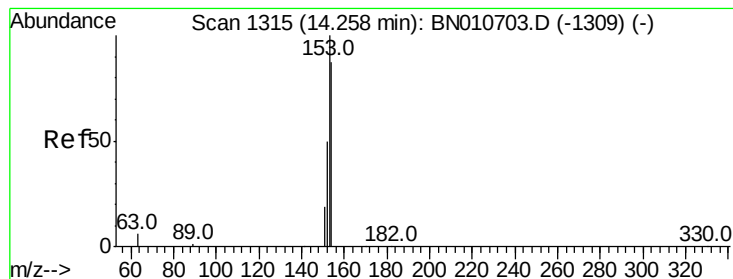
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.393 ng

RT: 14.26 min Scan# 1315

Delta R.T. 0.00 min

Lab File: BN010739.D

Acq: 21 May 2020 22:22

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

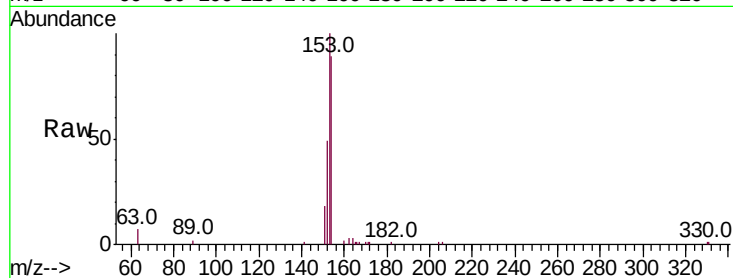
Tot Ion:154 Resp: 10186

Ion Ratio Lower Upper

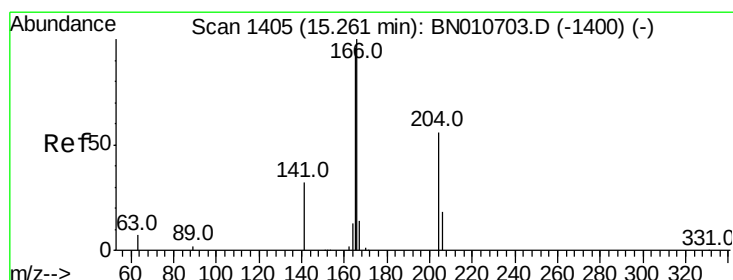
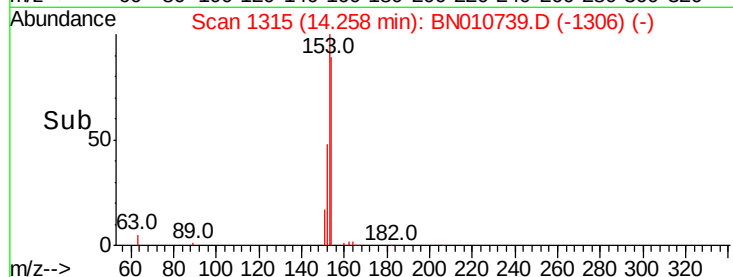
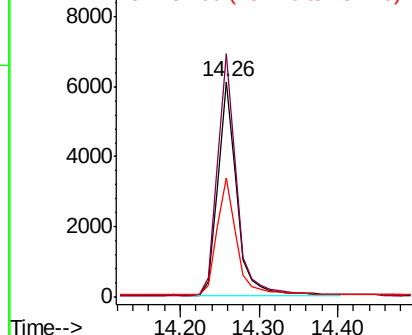
154 100

153 114.2 91.5 137.3

152 56.5 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: 0.388 ng

RT: 15.25 min Scan# 1404

Delta R.T. -0.01 min

Lab File: BN010739.D

Acq: 21 May 2020 22:22

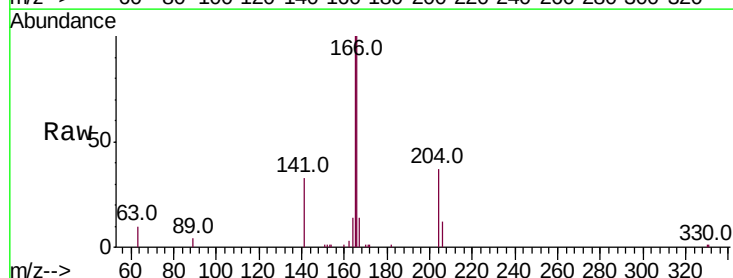
Tgt Ion:166 Resp: 13179

Ion Ratio Lower Upper

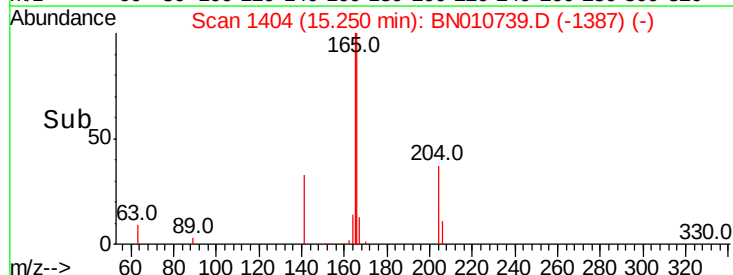
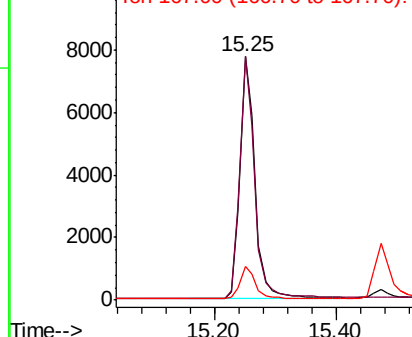
166 100

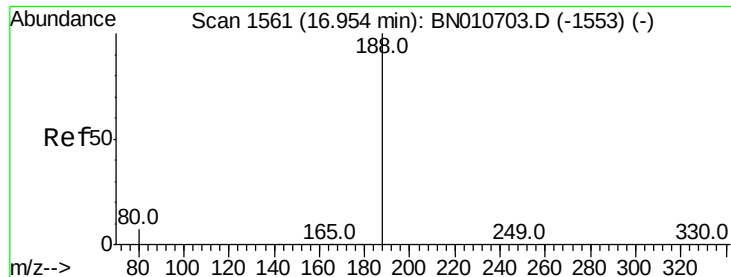
165 98.1 77.9 116.9

167 13.3 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.94 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BN010739.D

Acq: 21 May 2020 22:22

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

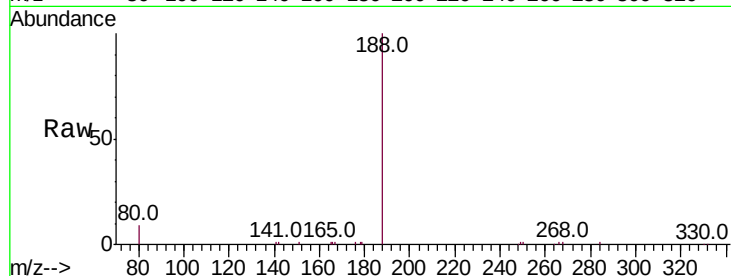
Tot Ion:188 Resp: 18894

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

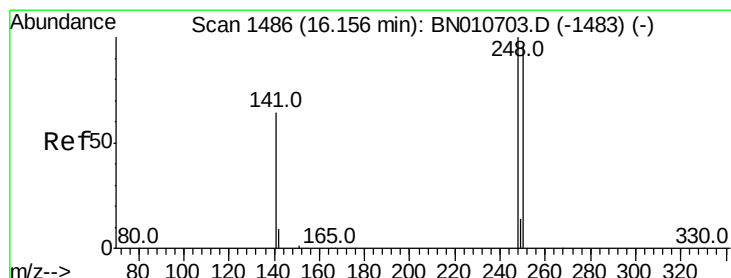
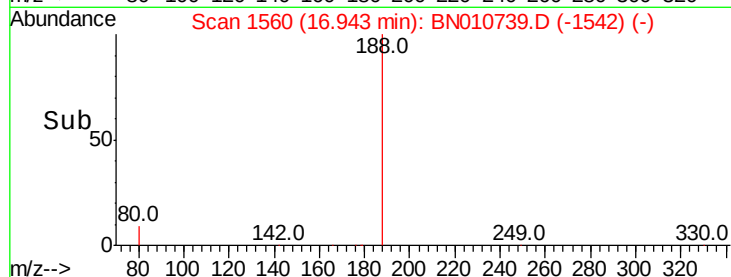
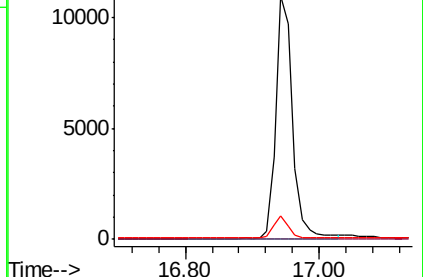
80 9.4 6.3 9.5



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: 0.403 ng

RT: 16.15 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BN010739.D

Acq: 21 May 2020 22:22

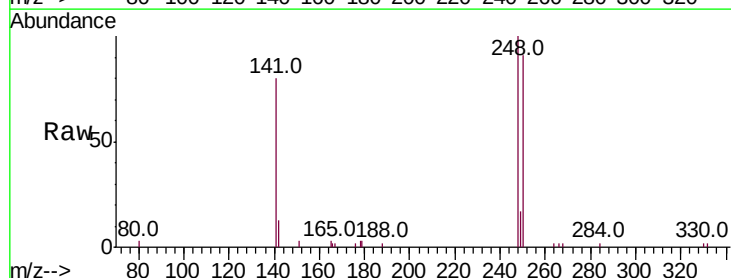
Tgt Ion:248 Resp: 4203

Ion Ratio Lower Upper

248 100

250 91.3 77.4 116.0

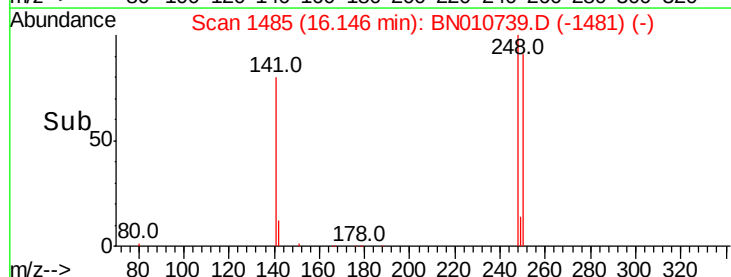
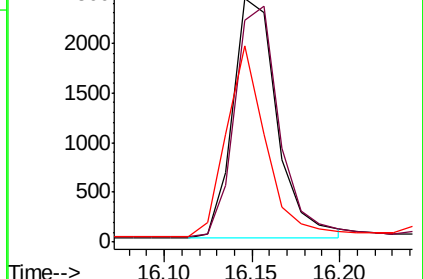
141 80.4 53.1 79.7#

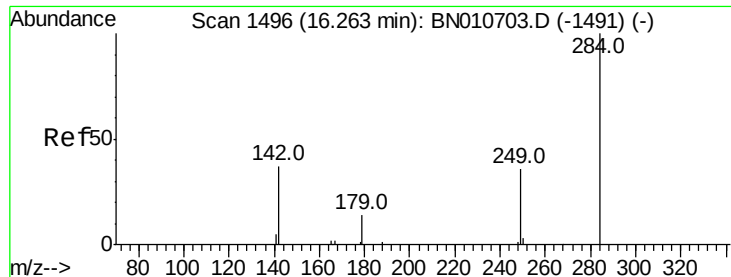


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.402 ng

RT: 16.26 min Scan# 1496

Delta R.T. 0.00 min

Lab File: BN010739.D

Acq: 21 May 2020 22:22

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

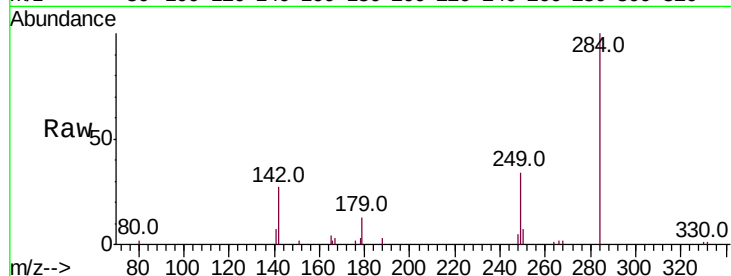
Tot Ion:284 Resp: 4996

Ion Ratio Lower Upper

284 100

142 35.5 28.2 42.2

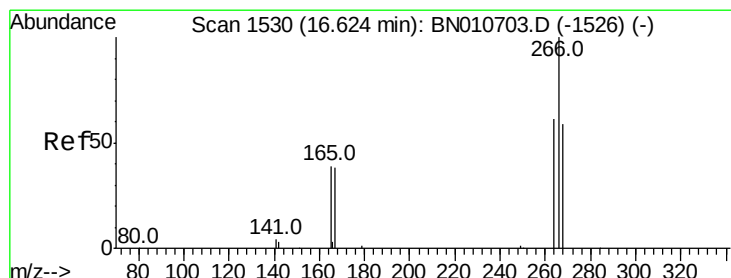
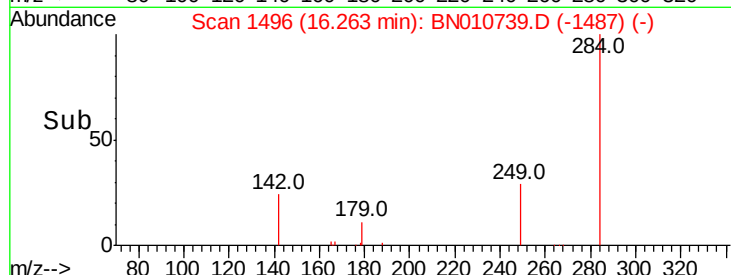
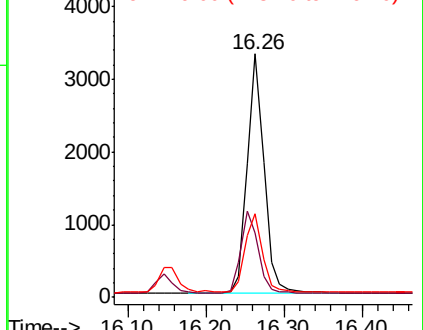
249 33.8 26.4 39.6



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: 0.408 ng

RT: 16.61 min Scan# 1529

Delta R.T. 0.00 min

Lab File: BN010739.D

Acq: 21 May 2020 22:22

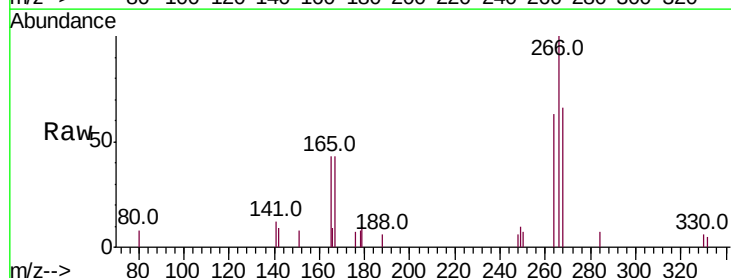
Tgt Ion:266 Resp: 1569

Ion Ratio Lower Upper

266 100

264 63.1 51.1 76.7

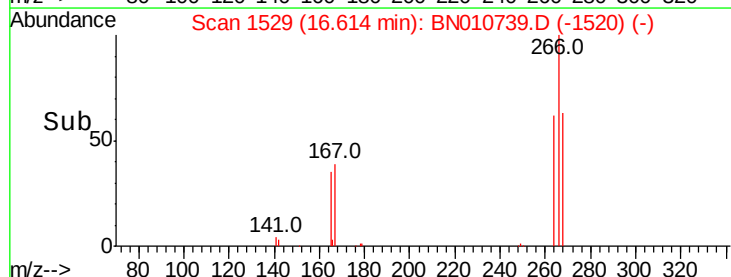
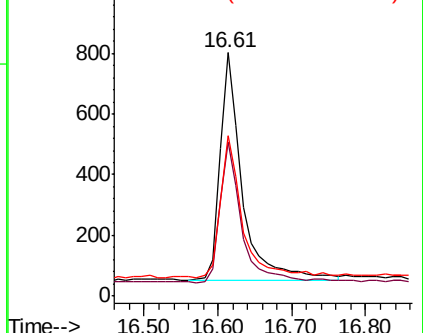
268 66.0 52.1 78.1

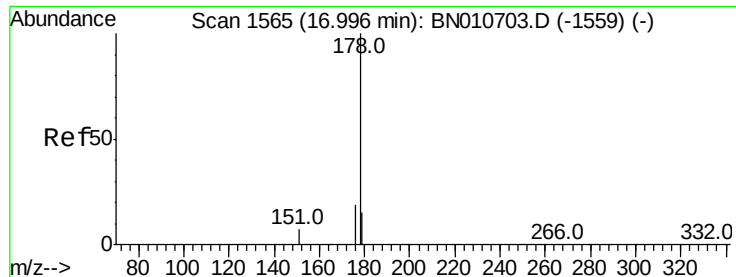


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.400 ng

RT: 16.99 min Scan# 1564

Delta R.T. 0.00 min

Lab File: BN010739.D

Acq: 21 May 2020 22:22

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

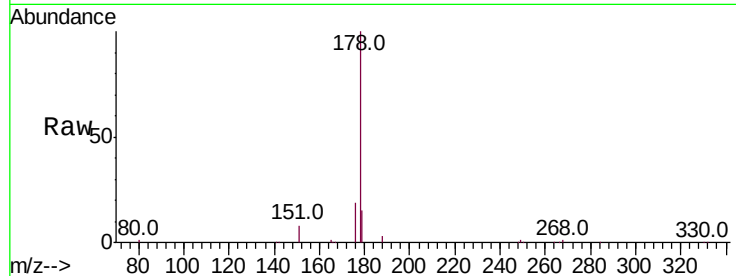
Tot Ion:178 Resp: 20256

Ion Ratio Lower Upper

178 100

176 18.6 14.9 22.3

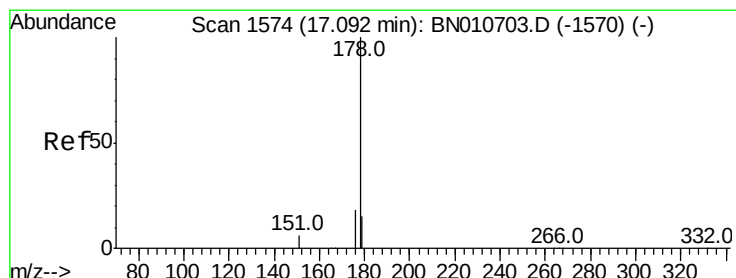
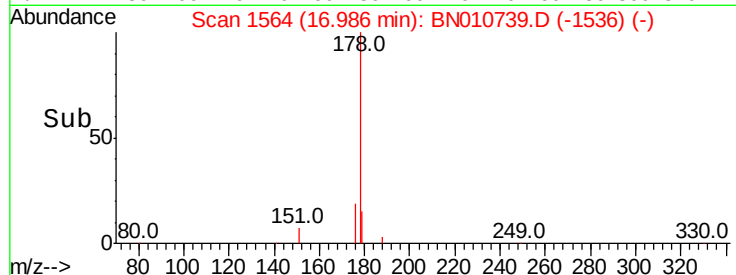
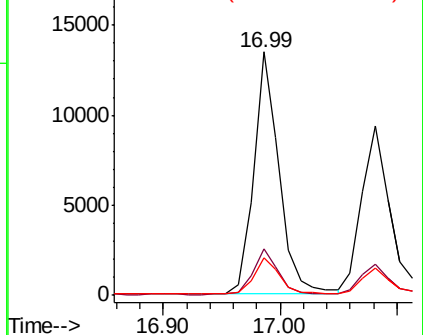
179 15.4 12.2 18.4



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: 0.375 ng

RT: 17.08 min Scan# 1573

Delta R.T. 0.00 min

Lab File: BN010739.D

Acq: 21 May 2020 22:22

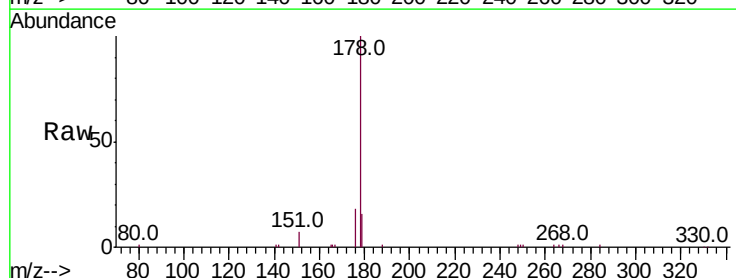
Tgt Ion:178 Resp: 15970

Ion Ratio Lower Upper

178 100

176 18.4 14.7 22.1

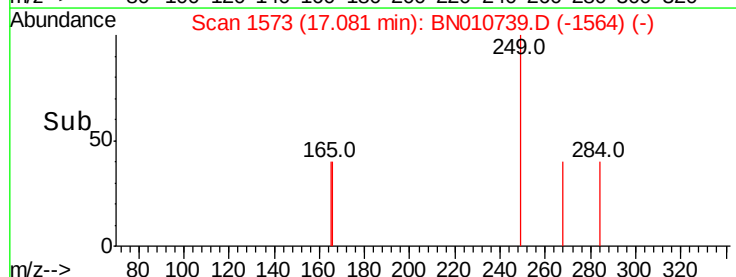
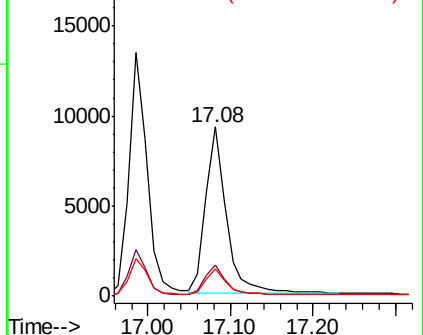
179 15.6 12.3 18.5

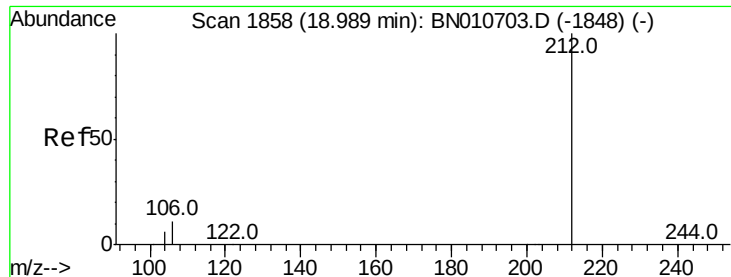


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.376 ng

RT: 18.98 min Scan# 1857

Delta R.T. 0.00 min

Lab File: BN010739.D

Acq: 21 May 2020 22:22

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

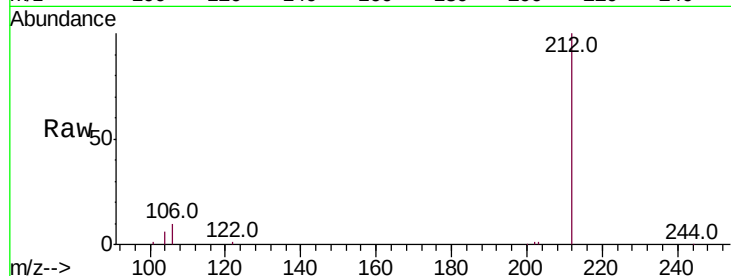
Tot Ion:212 Resp: 19285

Ion Ratio Lower Upper

212 100

106 9.9 8.2 12.2

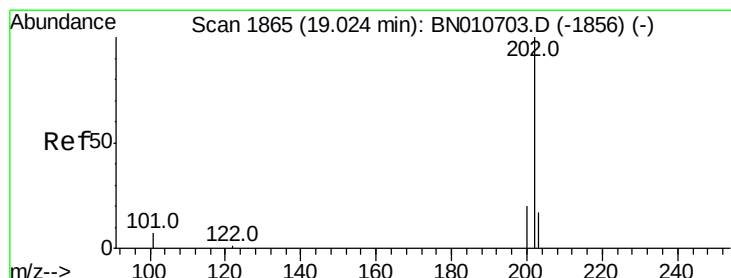
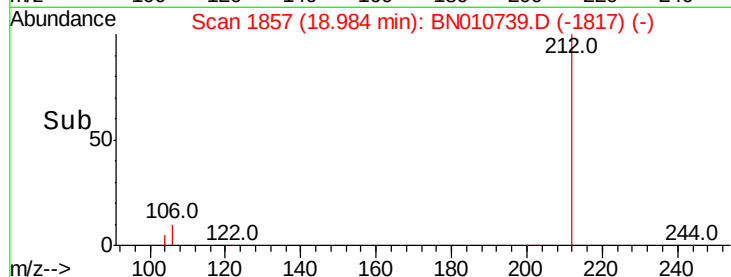
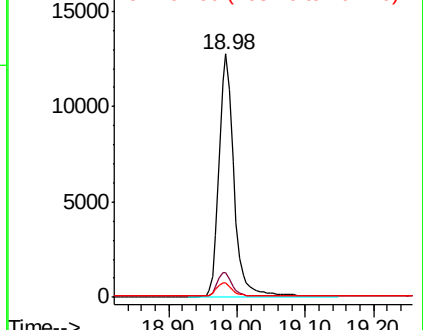
104 5.6 4.7 7.1



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: 0.376 ng

RT: 19.01 min Scan# 1863

Delta R.T. 0.00 min

Lab File: BN010739.D

Acq: 21 May 2020 22:22

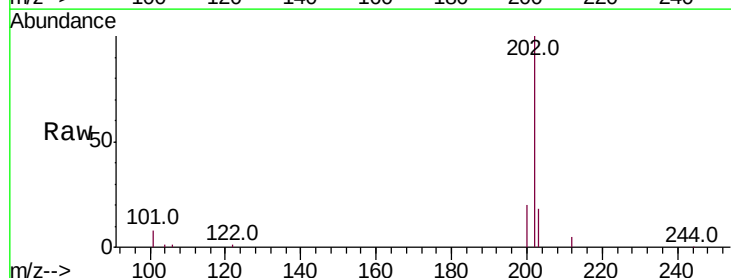
Tgt Ion:202 Resp: 21627

Ion Ratio Lower Upper

202 100

101 8.5 6.7 10.1

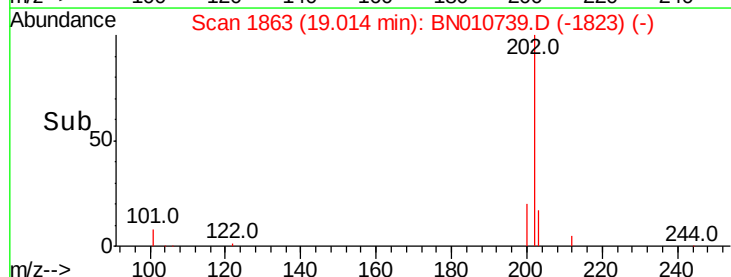
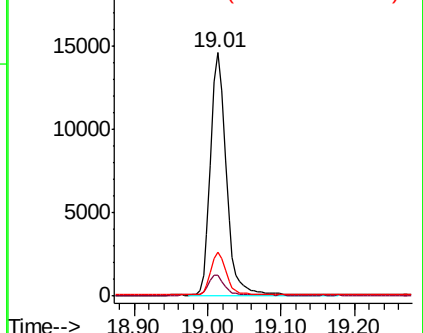
203 17.1 13.4 20.0

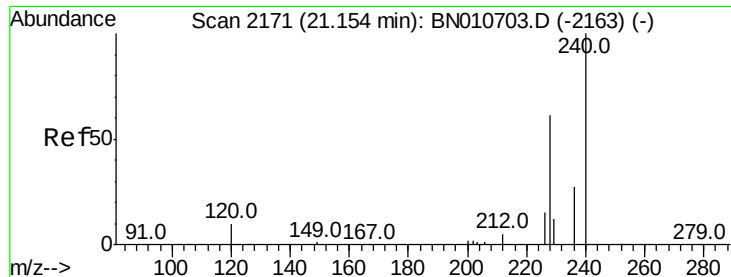


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

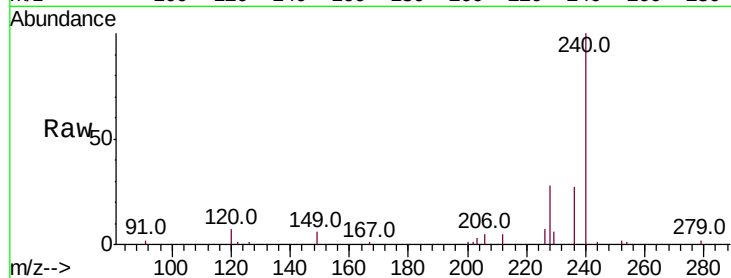




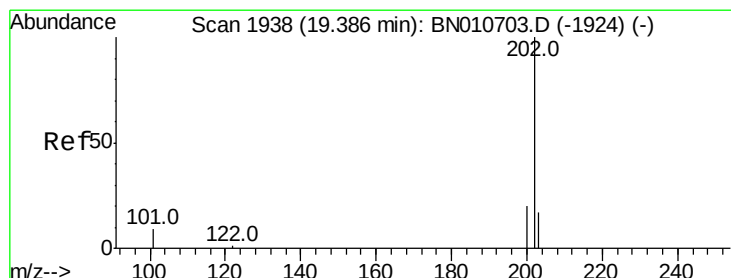
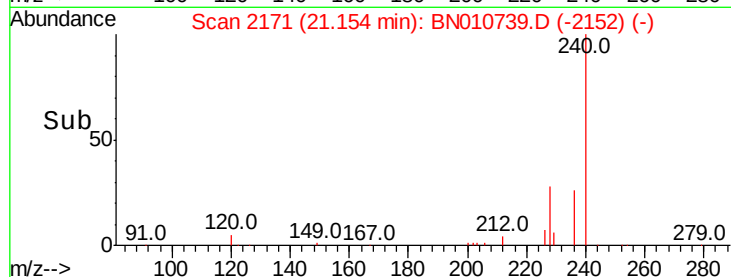
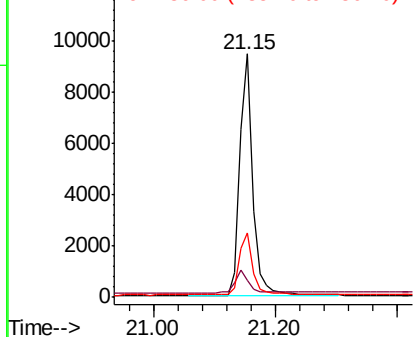
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.15 min Scan# 2171
Delta R.T. 0.00 min
Lab File: BN010739.D
Acq: 21 May 2020 22:22

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:240 Resp: 14306
Ion Ratio Lower Upper
240 100
120 6.8 9.5 14.3#
236 26.6 22.5 33.7

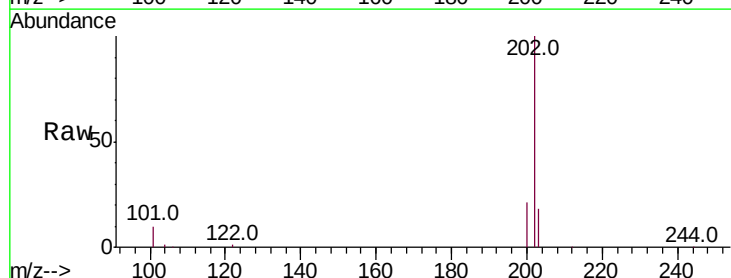


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

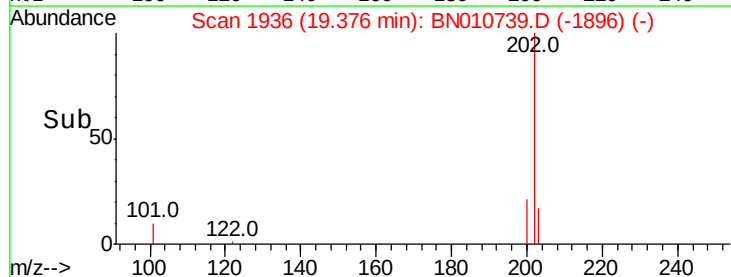
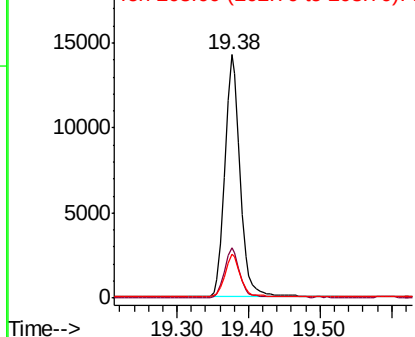


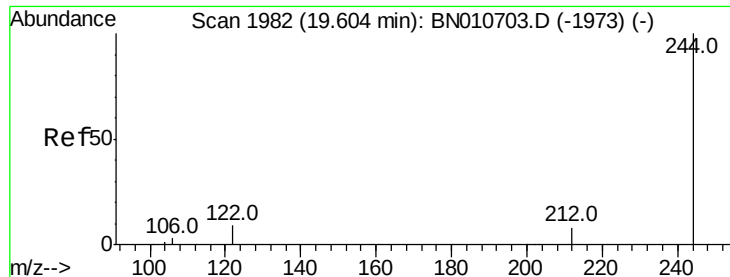
#28
Pyrene
Concen: 0.414 ng
RT: 19.38 min Scan# 1936
Delta R.T. 0.00 min
Lab File: BN010739.D
Acq: 21 May 2020 22:22

Tgt Ion:202 Resp: 21240
Ion Ratio Lower Upper
202 100
200 20.3 16.2 24.4
203 17.4 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.424 ng

RT: 19.59 min Scan# 1980

Delta R.T. -0.00 min

Lab File: BN010739.D

Acq: 21 May 2020 22:22

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

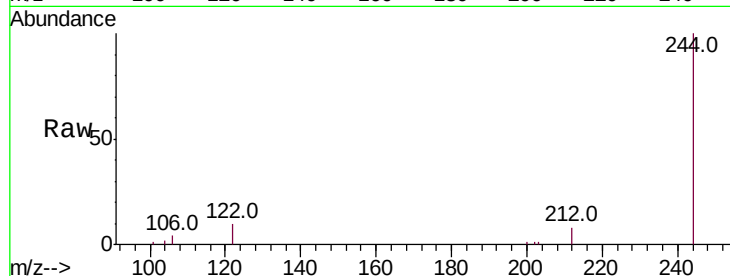
Tot Ion:244 Resp: 14373

Ion Ratio Lower Upper

244 100

212 8.3 6.8 10.2

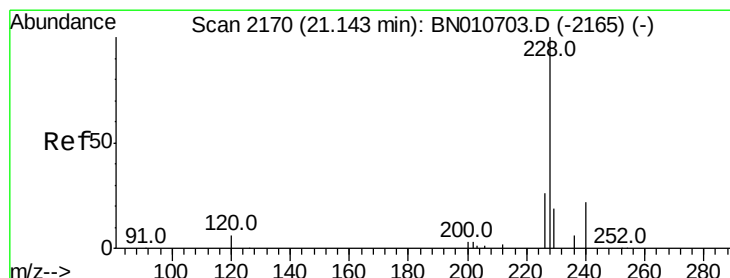
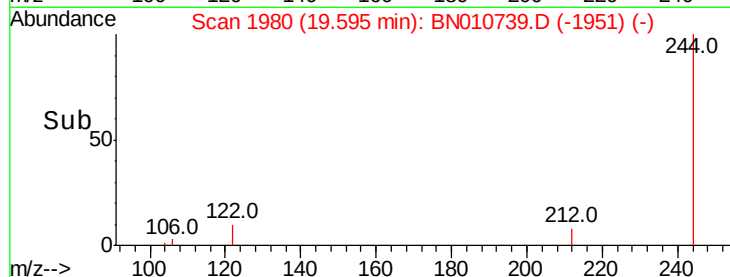
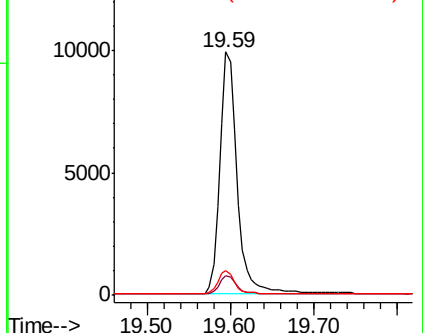
122 10.1 8.1 12.1



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: 0.391 ng

RT: 21.13 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BN010739.D

Acq: 21 May 2020 22:22

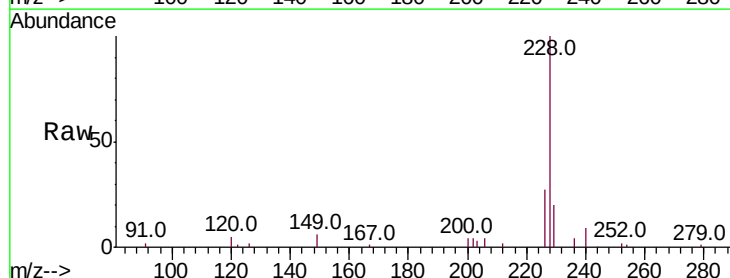
Tgt Ion:228 Resp: 16319

Ion Ratio Lower Upper

228 100

226 27.2 21.3 31.9

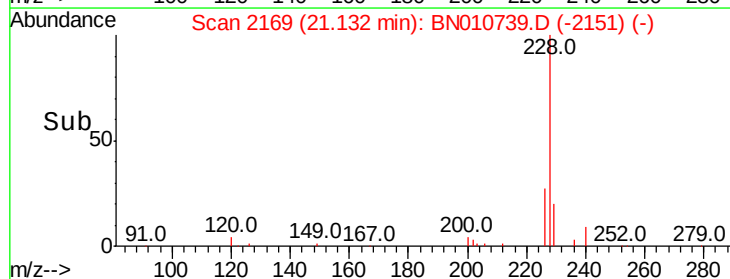
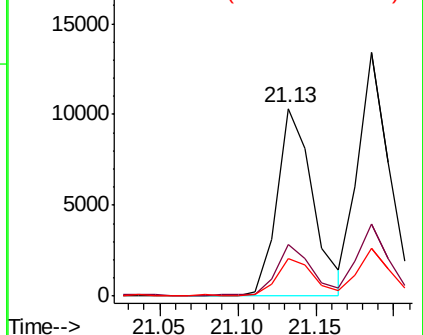
229 20.0 16.0 24.0

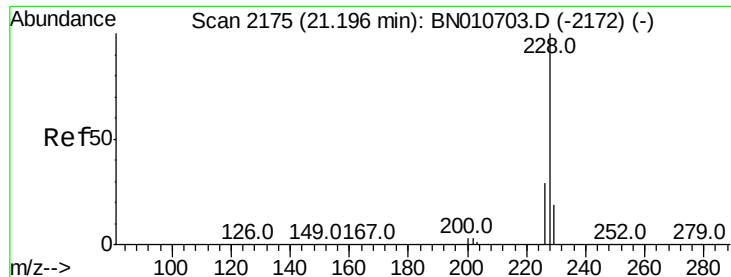


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.395 ng

RT: 21.19 min Scan# 2174

Delta R.T. 0.00 min

Lab File: BN010739.D

Acq: 21 May 2020 22:22

Instrument :

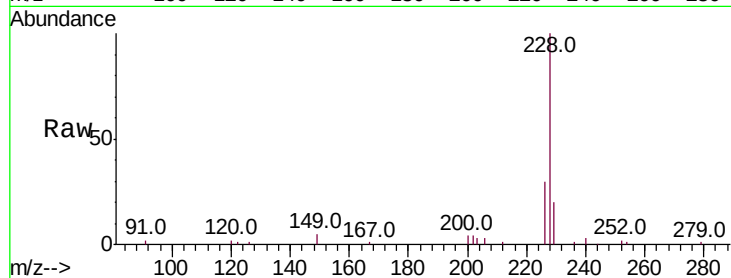
BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:228 Resp: 18666

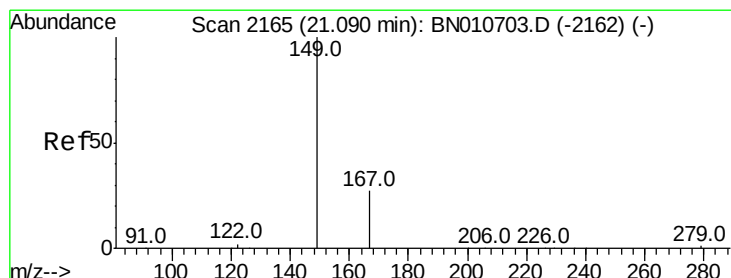
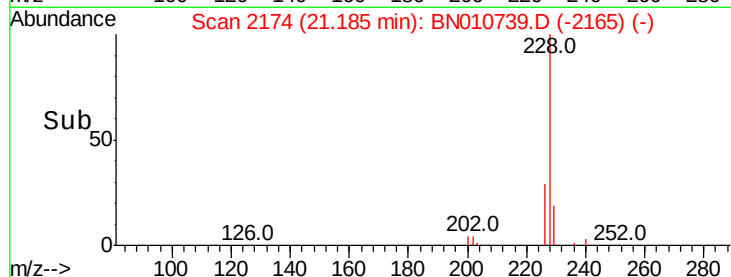
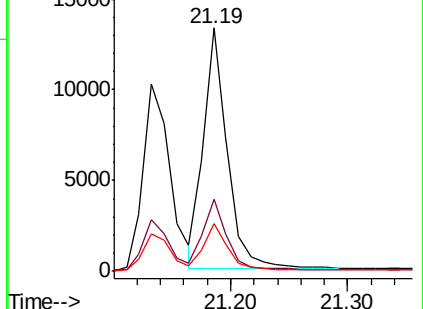
Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.4	35.0
229	19.5	16.1	24.1



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: 0.393 ng

RT: 21.09 min Scan# 2165

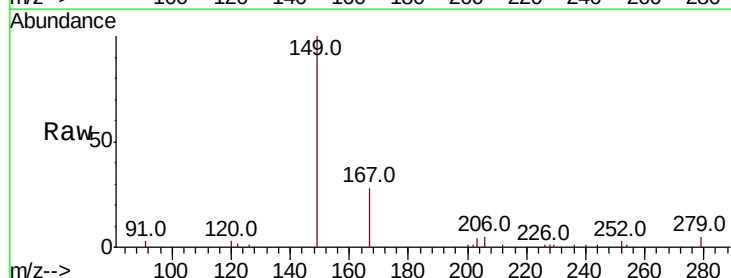
Delta R.T. 0.00 min

Lab File: BN010739.D

Acq: 21 May 2020 22:22

Tgt Ion:149 Resp: 7180

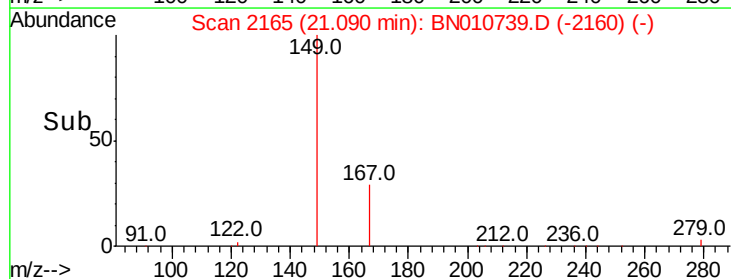
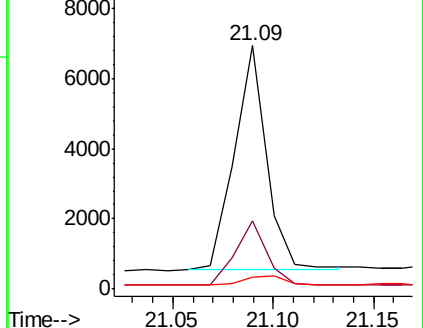
Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.5	33.7
279	5.1	4.1	6.1

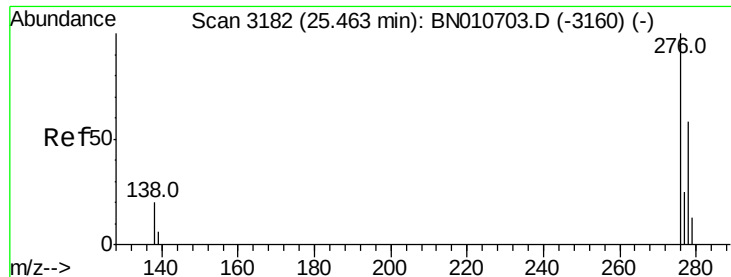


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.368 ng

RT: 25.45 min Scan# 3179

Delta R.T. -0.00 min

Lab File: BN010739.D

Acq: 21 May 2020 22:22

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

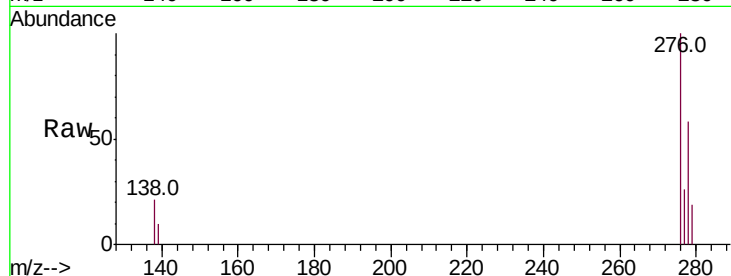
Tot Ion:276 Resp: 15445

Ion Ratio Lower Upper

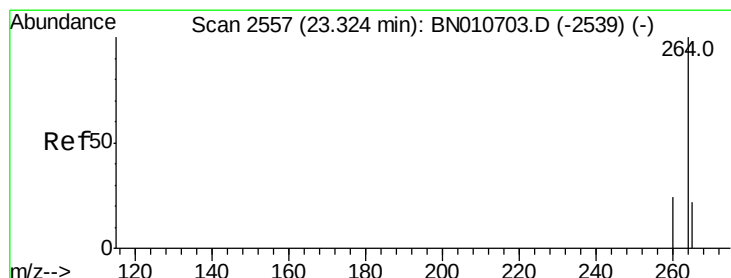
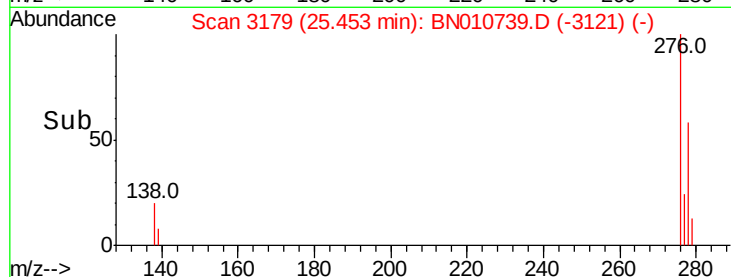
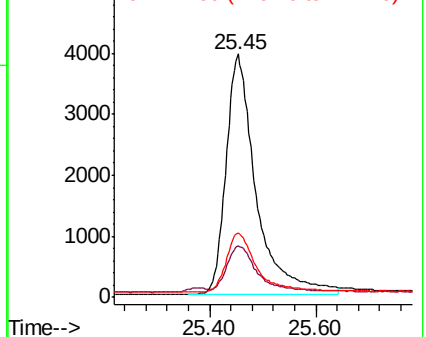
276 100

138 18.1 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: 0.400 ng

RT: 23.31 min Scan# 2554

Delta R.T. -0.00 min

Lab File: BN010739.D

Acq: 21 May 2020 22:22

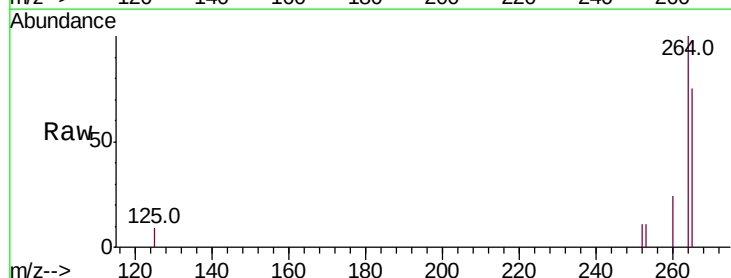
Tgt Ion:264 Resp: 13704

Ion Ratio Lower Upper

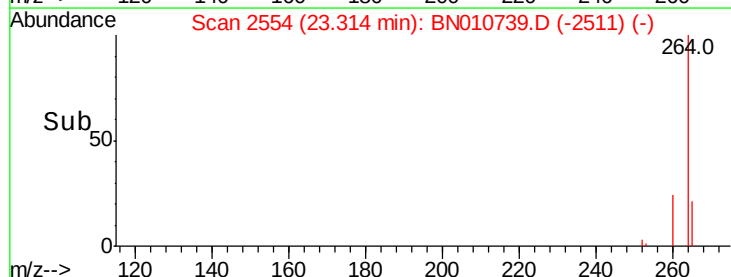
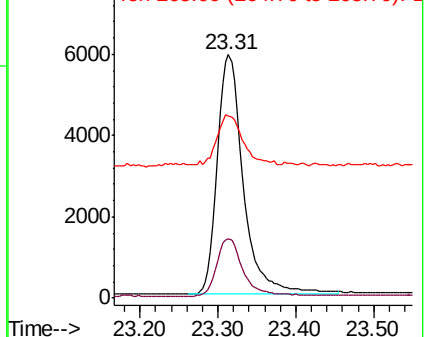
264 100

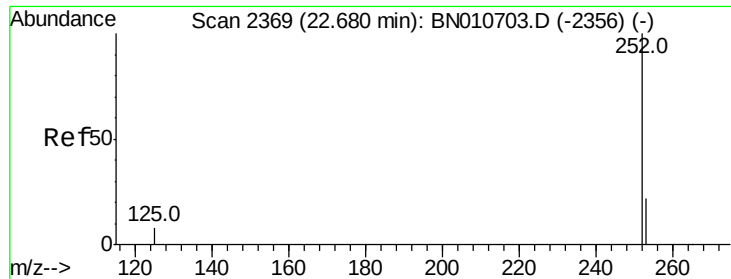
260 24.3 19.6 29.4

265 74.8 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: 0.371 ng

RT: 22.67 min Scan# 2367

Delta R.T. -0.00 min

Lab File: BN010739.D

Acq: 21 May 2020 22:22

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

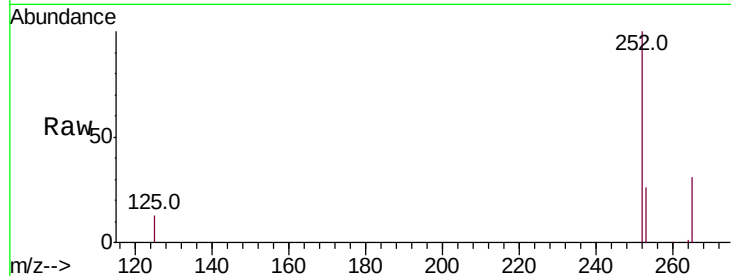
Tot Ion:252 Resp: 16805

Ion Ratio Lower Upper

252 100

253 26.2 22.0 33.0

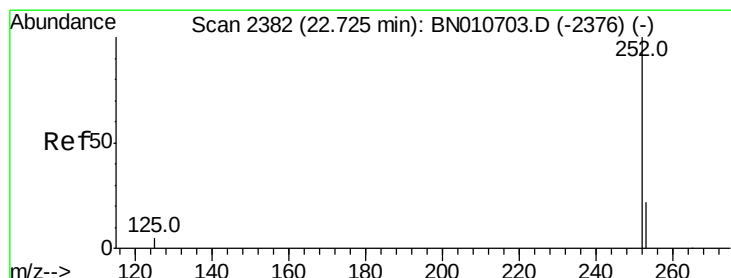
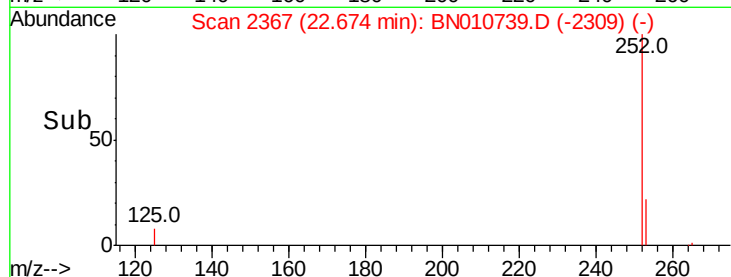
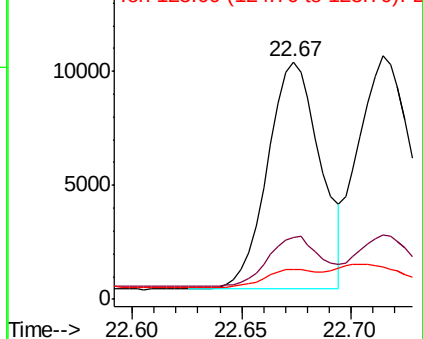
125 12.5 10.8 16.2



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: 0.400 ng

RT: 22.71 min Scan# 2379

Delta R.T. -0.00 min

Lab File: BN010739.D

Acq: 21 May 2020 22:22

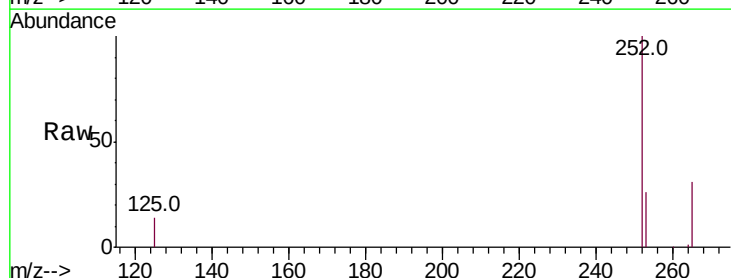
Tgt Ion:252 Resp: 19539

Ion Ratio Lower Upper

252 100

253 26.5 21.9 32.9

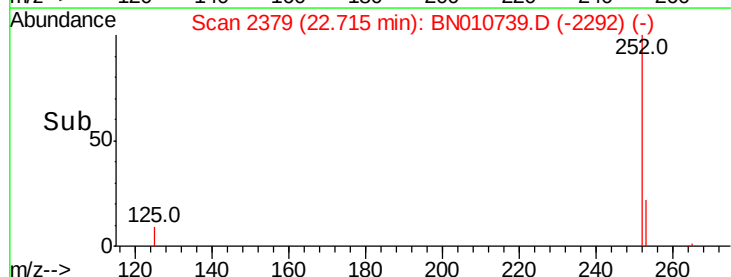
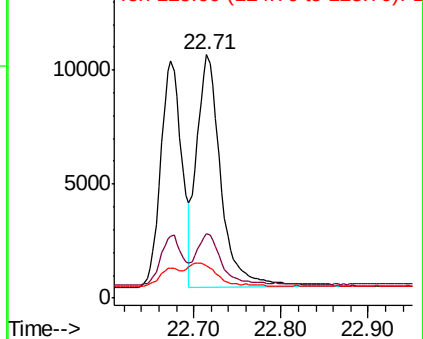
125 13.5 11.1 16.7

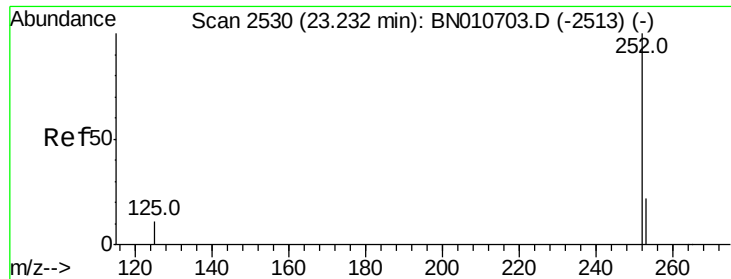


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.387 ng

RT: 23.22 min Scan# 2527

Delta R.T. -0.00 min

Lab File: BN010739.D

Acq: 21 May 2020 22:22

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

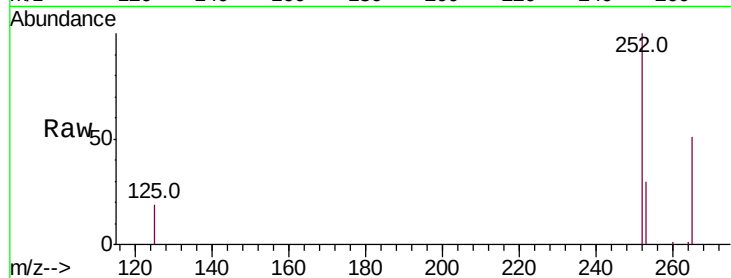
Tot Ion:252 Resp: 15177

Ion Ratio Lower Upper

252 100

253 30.3 24.8 37.2

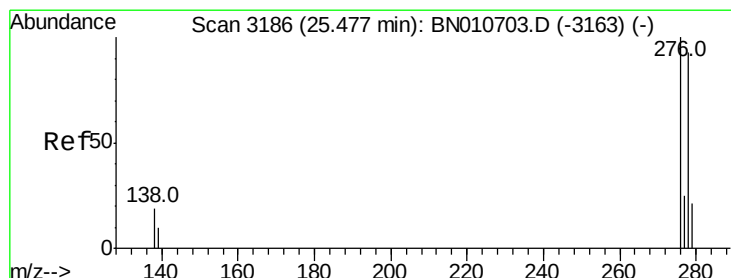
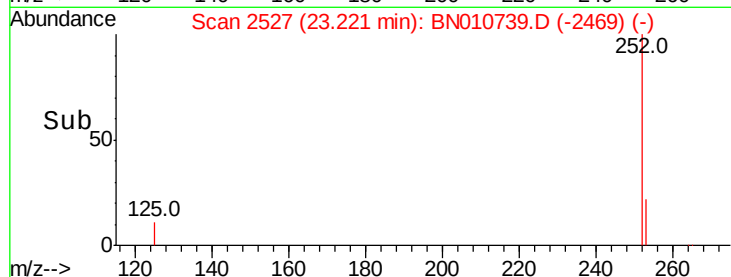
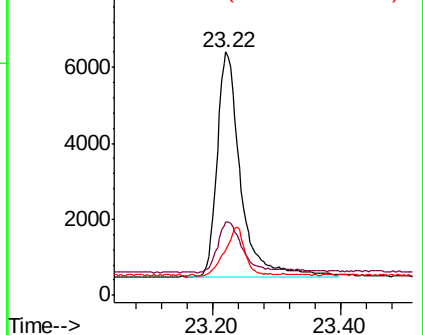
125 18.6 15.8 23.6



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: 0.349 ng

RT: 25.47 min Scan# 3183

Delta R.T. -0.00 min

Lab File: BN010739.D

Acq: 21 May 2020 22:22

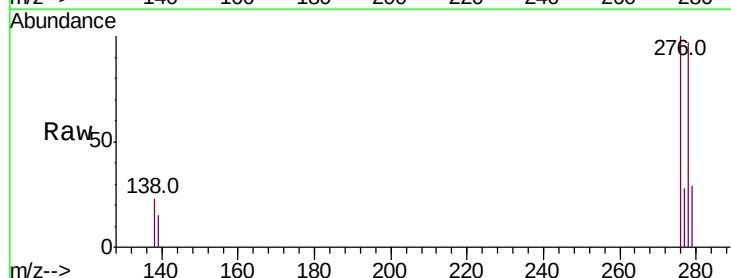
Tgt Ion:278 Resp: 11702

Ion Ratio Lower Upper

278 100

139 15.7 13.0 19.4

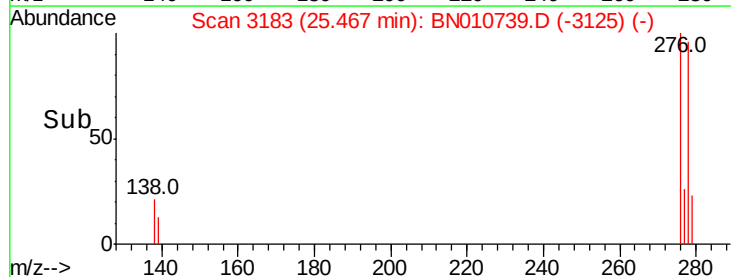
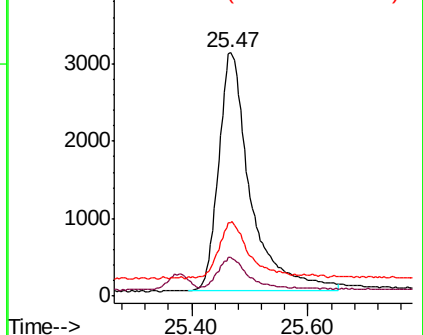
279 30.2 25.1 37.7

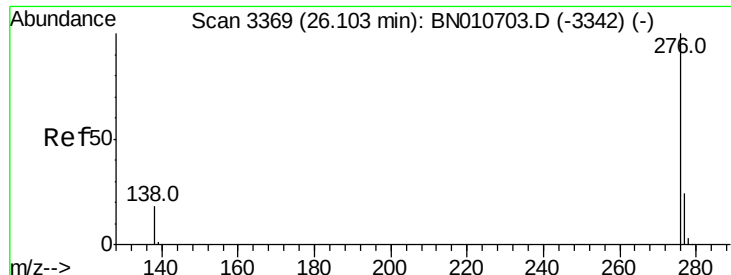


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.351 ng

RT: 26.09 min Scan# 3365

Delta R.T. -0.01 min

Lab File: BN010739.D

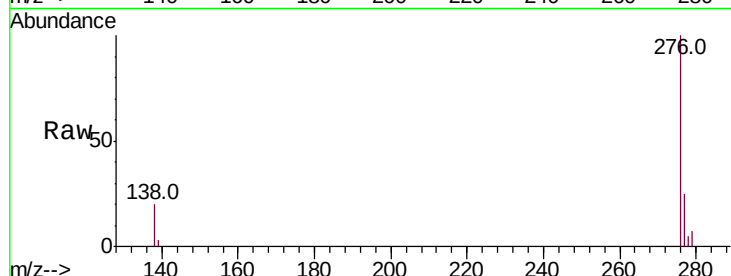
Acq: 21 May 2020 22:22

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC



Tot Ion:276 Resp: 13780

Ion Ratio Lower Upper

276 100

277 25.5 20.6 30.8

138 19.8 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

