

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061220\
 Data File : BN010842.D
 Acq On : 12 Jun 2020 11:24
 Operator : CG/JU
 Sample : PB129499BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB129499BS

Quant Time: Jun 23 19:57:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 22 12:02:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	2774	0.40	ng	0.02
7) Naphthalene-d8	10.30	136	9720	0.40	ng	0.03
13) Acenaphthene-d10	14.17	164	5195	0.40	ng	0.02
19) Phenanthrene-d10	16.92	188	10357	0.40	ng	0.01
27) Chrysene-d12	21.13	240	10672	0.40	ng	0.01
34) Perylene-d12	23.29	264	11585	0.40	ng	0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	2237	0.42	ng	0.02
5) Phenol-d6	6.75	99	2511	0.40	ng	0.02
8) Nitrobenzene-d5	8.68	82	2615	0.36	ng	0.01
11) 2-Methylnaphthalene-d10	11.90	152	7884	0.52	ng	0.02
14) 2,4,6-Tribromophenol	15.68	330	585	0.31	ng	0.02
15) 2-Fluorobiphenyl	12.79	172	7247	0.35	ng	0.01
25) Fluoranthene-d10	18.96	212	10213	0.36	ng	0.02
29) Terphenyl-d14	19.58	244	8200	0.33	ng	0.01

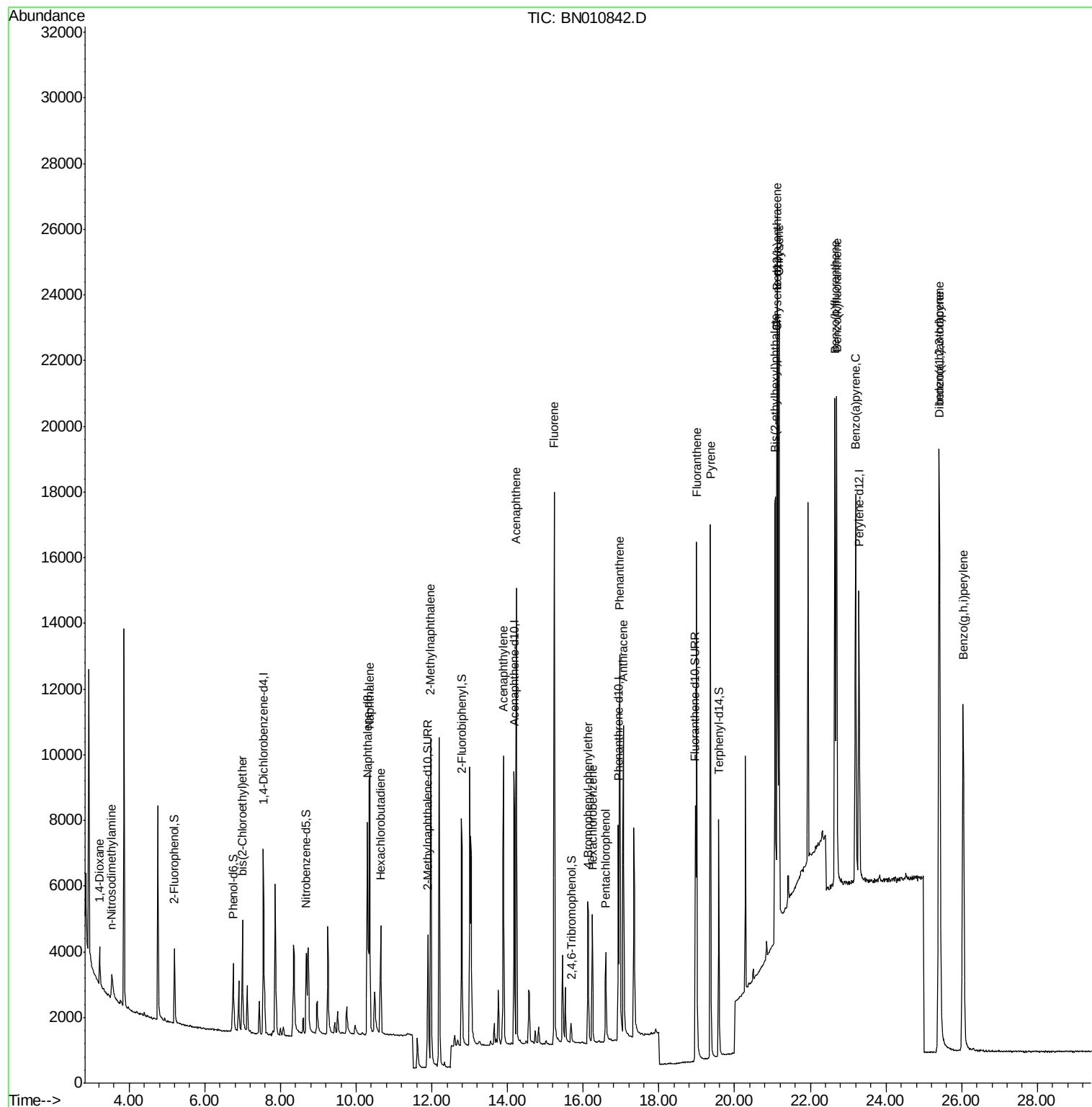
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.22	88	1001	0.368	ng	# 68
3) n-Nitrosodimethylamine	3.54	42	799	0.506	ng	# 90
6) bis(2-Chloroethyl)ether	6.99	93	3283	0.534	ng	95
9) Naphthalene	10.35	128	12064	0.494	ng	99
10) Hexachlorobutadiene	10.65	225	2633	0.436	ng	# 99
12) 2-Methylnaphthalene	11.97	142	8023	0.491	ng	98
16) Acenaphthylene	13.89	152	10383	0.488	ng	99
17) Acenaphthene	14.24	154	6841	0.471	ng	98
18) Fluorene	15.23	166	8526	0.456	ng	98
20) 4-Bromophenyl-phenylether	16.13	248	2584	0.415	ng	99
21) Hexachlorobenzene	16.24	284	3070	0.473	ng	95
22) Pentachlorophenol	16.59	266	1739	0.798	ng	95
23) Phenanthrene	16.96	178	13306	0.470	ng	99
24) Anthracene	17.06	178	11486	0.486	ng	100
26) Fluoranthene	18.99	202	15844	0.493	ng	# 98
28) Pyrene	19.36	202	16263	0.461	ng	100
30) Benzo(a)anthracene	21.12	228	16430	0.524	ng	100
31) Chrysene	21.17	228	17650	0.483	ng	97
32) Bis(2-ethylhexyl)phthalate	21.08	149	9475	0.906	ng	97
33) Indeno(1,2,3-cd)pyrene	25.40	276	22953	0.562	ng	# 95
35) Benzo(b)fluoranthene	22.65	252	17813	0.452	ng	98
36) Benzo(k)fluoranthene	22.69	252	18543	0.442	ng	99
37) Benzo(a)pyrene	23.19	252	17273	0.511	ng	95
38) Dibenzo(a,h)anthracene	25.42	278	18320	0.475	ng	97
39) Benzo(g,h,i)perylene	26.04	276	22574	0.561	ng	97

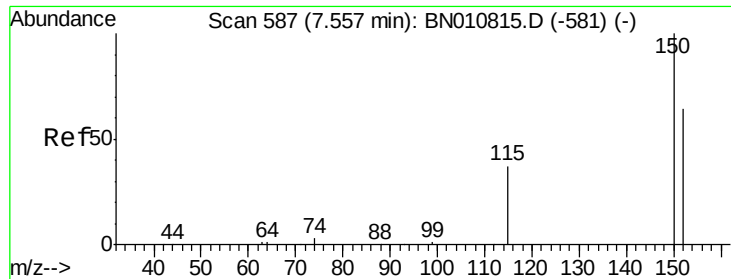
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 22 12:02:11 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.55 min Scan# 586

Delta R.T. 0.02 min

Lab File: BN010842.D

Acq: 12 Jun 2020 11:24

Instrument :

BNA_N

ClientSampleId :

PB129499BS

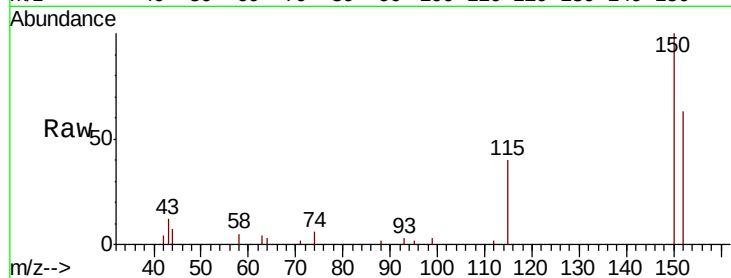
Tot Ion:152 Resp: 2774

Ion Ratio Lower Upper

152 100

150 157.8 123.8 185.6

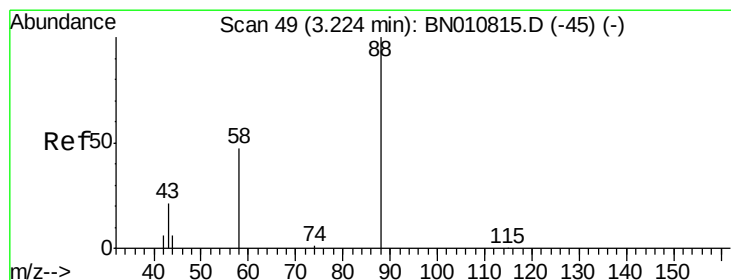
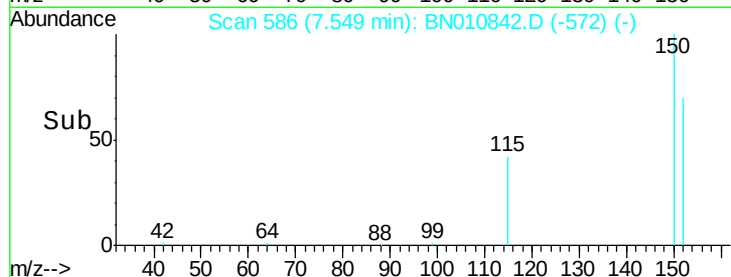
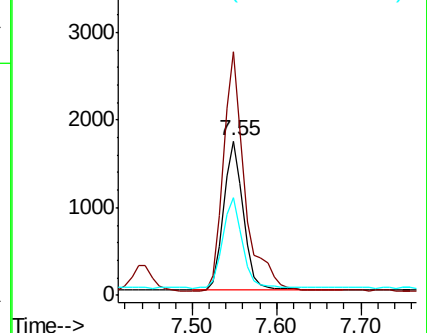
115 63.1 49.2 73.8



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: 0.368 ng

RT: 3.22 min Scan# 49

Delta R.T. 0.01 min

Lab File: BN010842.D

Acq: 12 Jun 2020 11:24

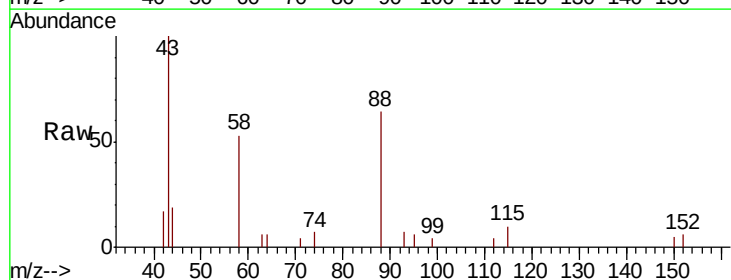
Tgt Ion: 88 Resp: 1001

Ion Ratio Lower Upper

88 100

58 62.5 38.2 57.4#

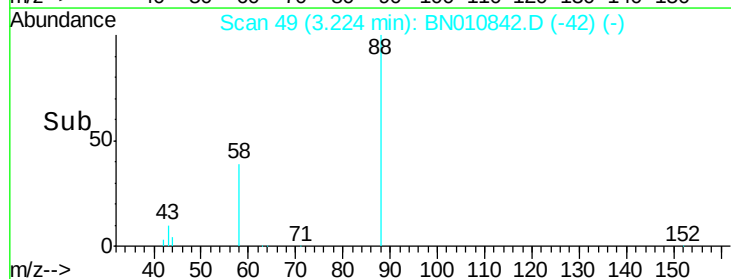
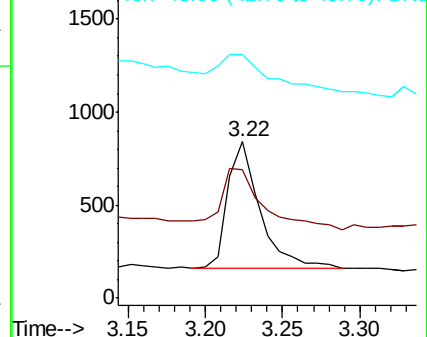
43 45.5 15.1 22.7#

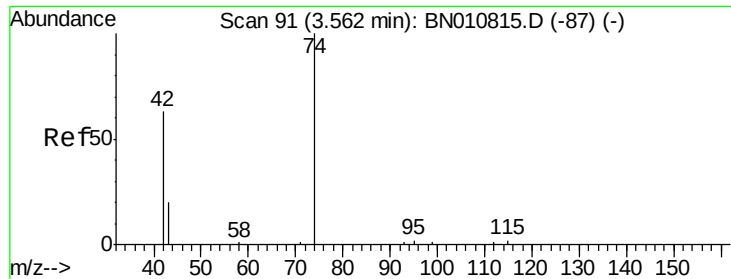


Abundance Ion 88.00 (87.70 to 88.70): BN0

Ion 58.00 (57.70 to 58.70): BN0

Ion 43.00 (42.70 to 43.70): BN0





#3

n-Nitrosodimethylamine

Concen: 0.506 ng

RT: 3.54 min Scan# 88

Delta R.T. -0.02 min

Lab File: BN010842.D

Acq: 12 Jun 2020 11:24

Instrument :

BNA_N

ClientSampleId :

PB129499BS

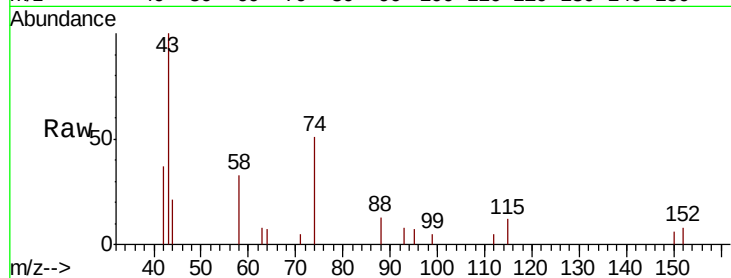
Tot Ion: 42 Resp: 799

Ion Ratio Lower Upper

42 100

74 189.7 140.7 211.1

44 4.9 1.4 2.2#

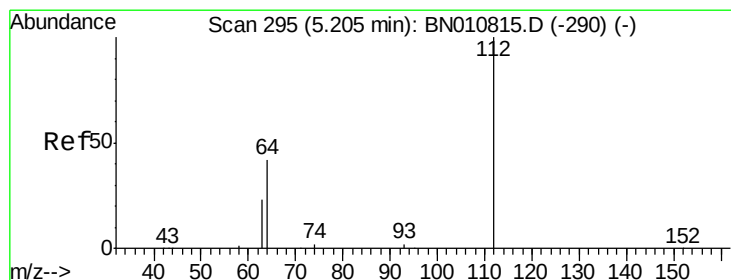
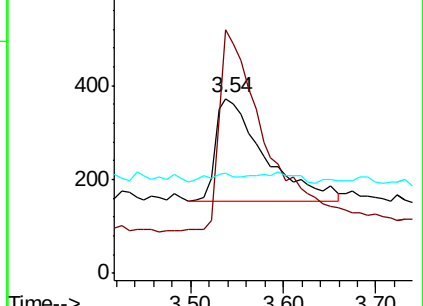
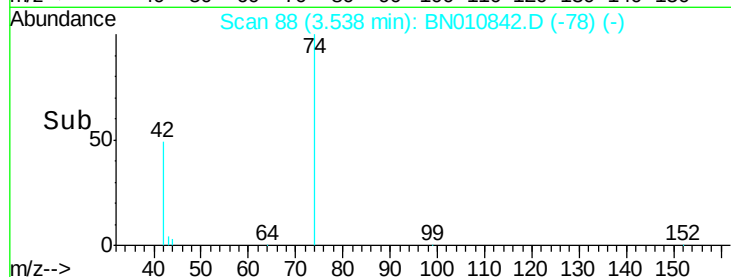


Abundance Ion 42.00 (41.70 to 42.70): BN0

Ion 74.00 (73.70 to 74.70): BN0

Ion 44.00 (43.70 to 44.70): BN0

Time-->



#4

2-Fluorophenol

Concen: 0.418 ng

RT: 5.21 min Scan# 295

Delta R.T. 0.02 min

Lab File: BN010842.D

Acq: 12 Jun 2020 11:24

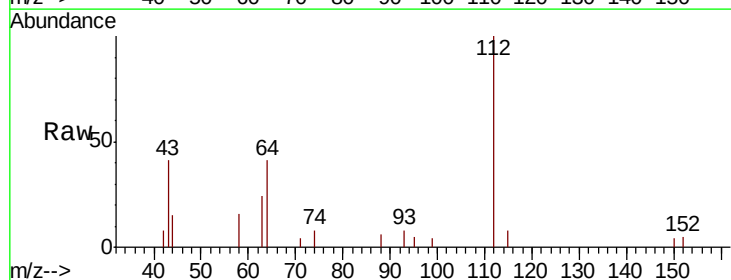
Tgt Ion: 112 Resp: 2237

Ion Ratio Lower Upper

112 100

64 44.5 37.4 56.0

63 24.2 22.2 33.4

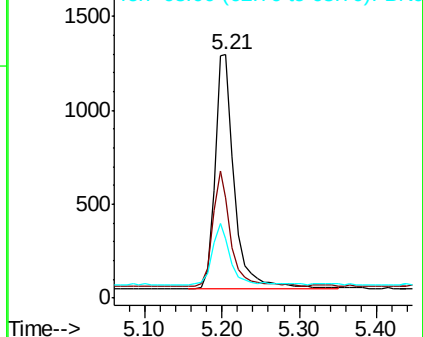
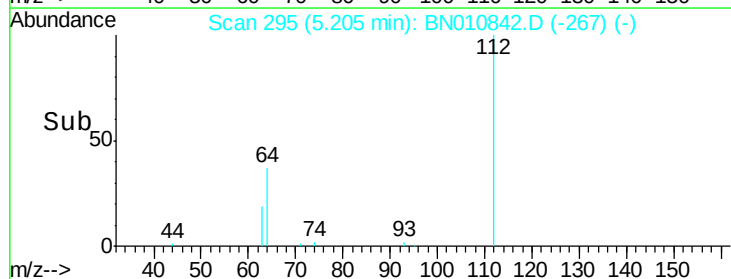


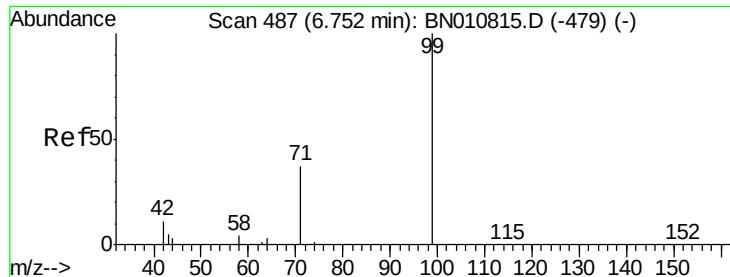
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BN0

Ion 63.00 (62.70 to 63.70): BN0

Time-->





#5

Phenol-d6

Concen: 0.398 ng

RT: 6.75 min Scan# 487

Delta R.T. 0.02 min

Lab File: BN010842.D

Acq: 12 Jun 2020 11:24

Instrument :

BNA_N

ClientSampleId :

PB129499BS

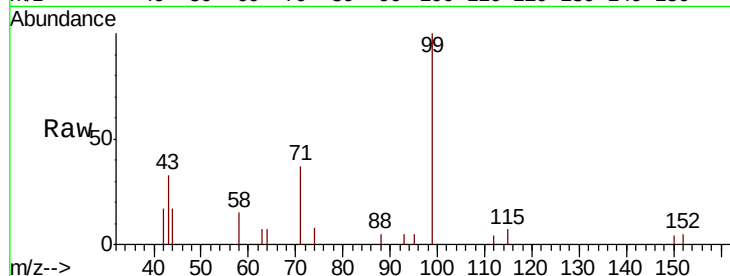
Tot Ion: 99 Resp: 2511

Ion Ratio Lower Upper

99 100

42 12.7 11.1 16.7

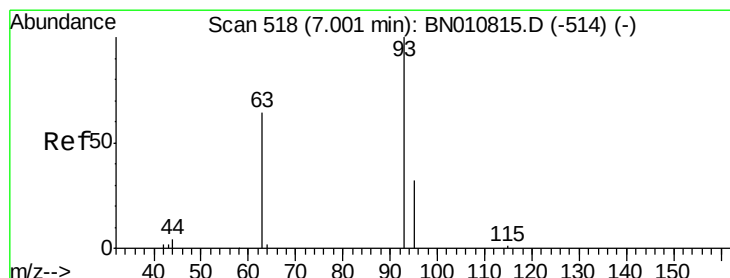
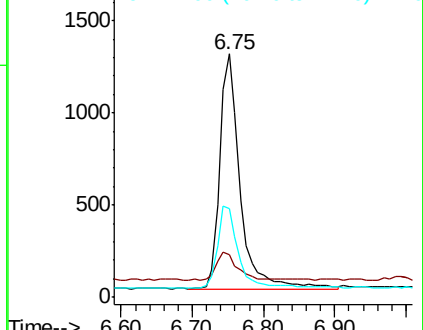
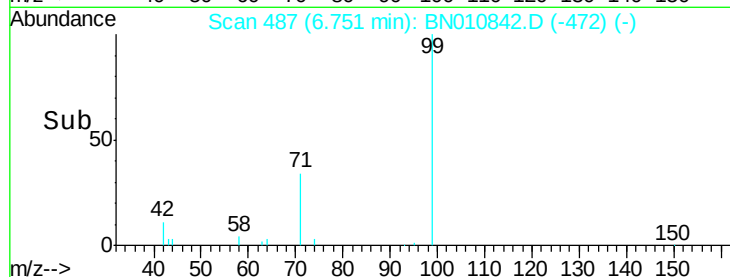
71 35.7 31.4 47.2



Abundance Ion 99.00 (98.70 to 99.70): BN010842.D (-472) (-)

Ion 42.00 (41.70 to 42.70): BN010842.D (-472) (-)

Ion 71.00 (70.70 to 71.70): BN010842.D (-472) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.534 ng

RT: 6.99 min Scan# 517

Delta R.T. 0.02 min

Lab File: BN010842.D

Acq: 12 Jun 2020 11:24

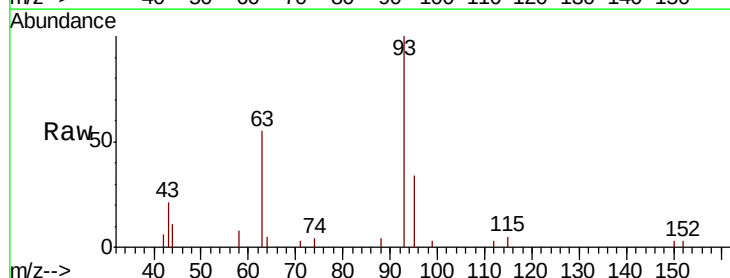
Tgt Ion: 93 Resp: 3283

Ion Ratio Lower Upper

93 100

63 56.6 49.4 74.2

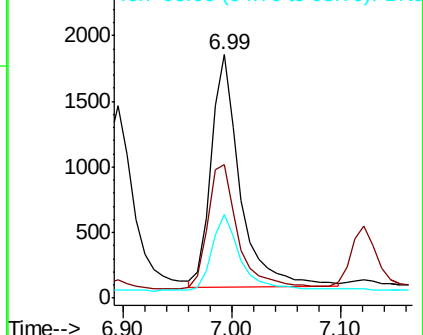
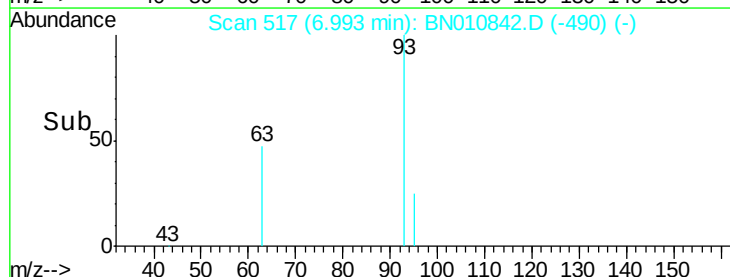
95 33.2 26.7 40.1

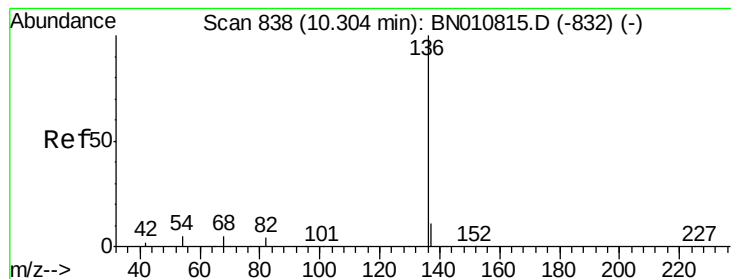


Abundance Ion 93.00 (92.70 to 93.70): BN010842.D (-490) (-)

Ion 63.00 (62.70 to 63.70): BN010842.D (-490) (-)

Ion 95.00 (94.70 to 95.70): BN010842.D (-490) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.30 min Scan# 838

Delta R.T. 0.03 min

Lab File: BN010842.D

Acq: 12 Jun 2020 11:24

Instrument :

BNA_N

ClientSampleId :

PB129499BS

Tot Ion:136 Resp: 9720

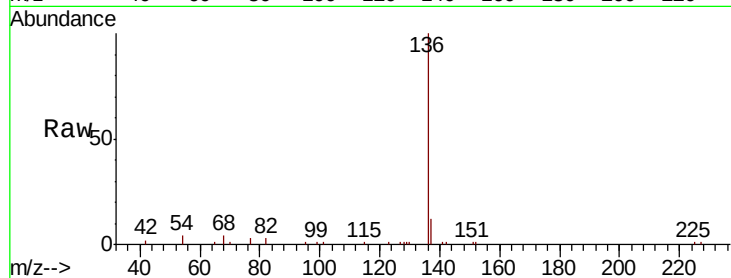
Ion Ratio Lower Upper

136 100

137 11.8 9.7 14.5

54 3.7 4.9 7.3#

68 4.4 4.7 7.1#

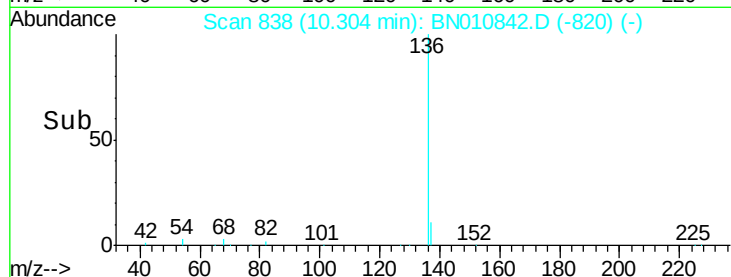


Abundance Ion 136.00 (135.70 to 136.70): E

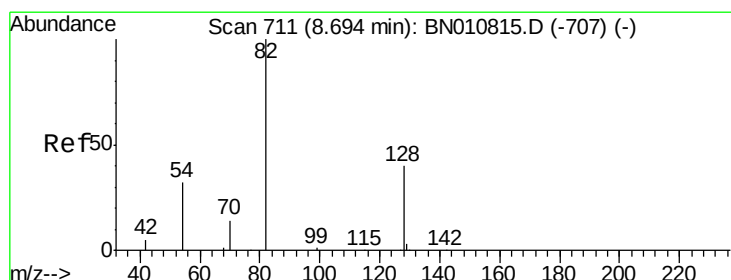
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



Time-->



#8

Nitrobenzene-d5

Concen: 0.364 ng

RT: 8.68 min Scan# 710

Delta R.T. 0.01 min

Lab File: BN010842.D

Acq: 12 Jun 2020 11:24

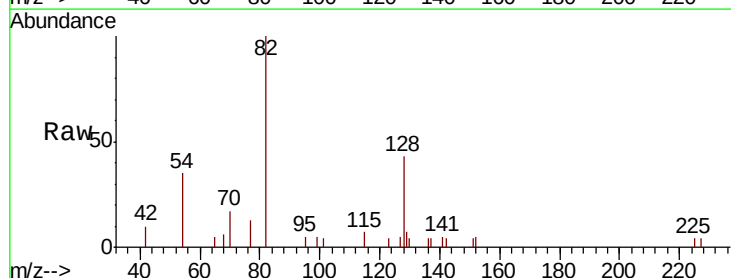
Tgt Ion: 82 Resp: 2615

Ion Ratio Lower Upper

82 100

128 42.8 35.4 53.0

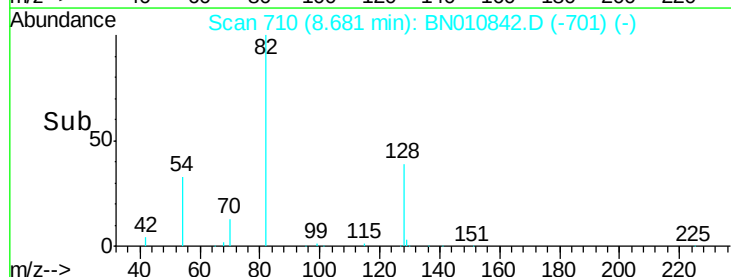
54 35.4 28.2 42.4



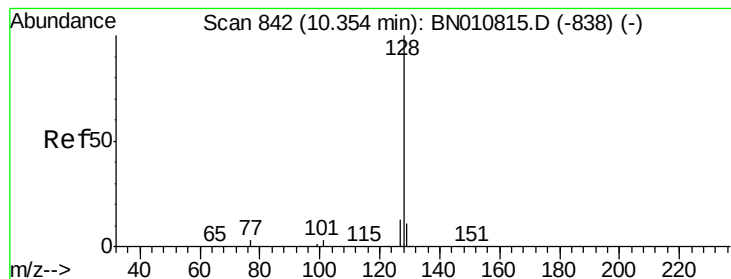
Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC



Time-->



#9

Naphthalene

Concen: 0.494 ng

RT: 10.35 min Scan# 842

Delta R.T. 0.03 min

Lab File: BN010842.D

Acq: 12 Jun 2020 11:24

Instrument :

BNA_N

ClientSampleId :

PB129499BS

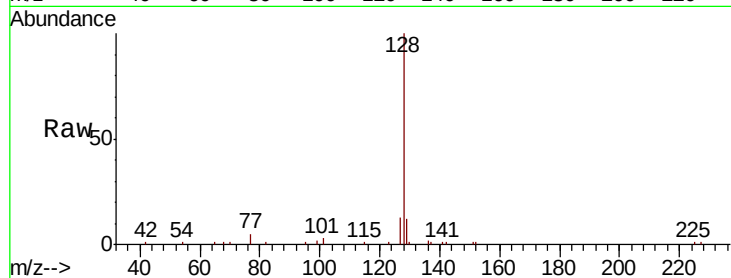
Tot Ion:128 Resp: 12064

Ion Ratio Lower Upper

128 100

129 11.8 9.6 14.4

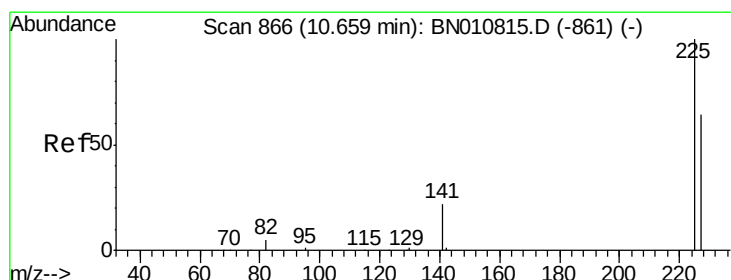
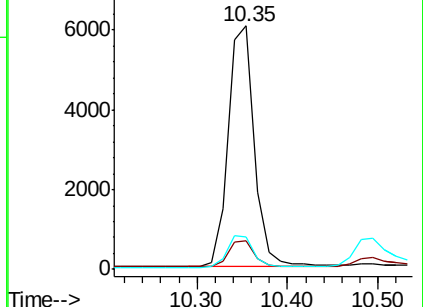
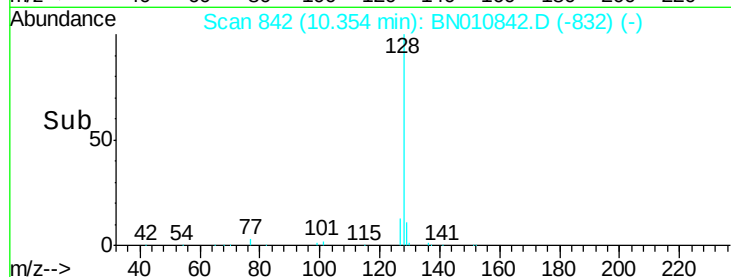
127 13.5 11.4 17.2



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: 0.436 ng

RT: 10.65 min Scan# 865

Delta R.T. 0.03 min

Lab File: BN010842.D

Acq: 12 Jun 2020 11:24

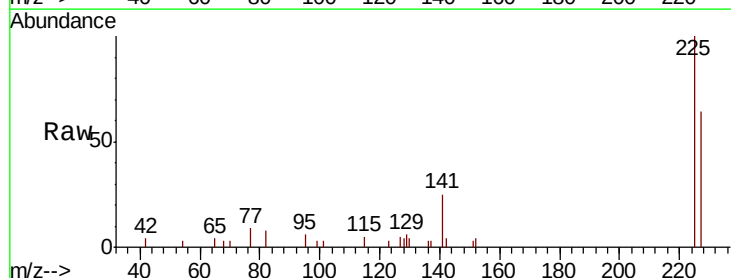
Tgt Ion:225 Resp: 2633

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

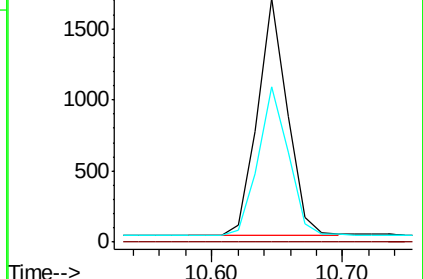
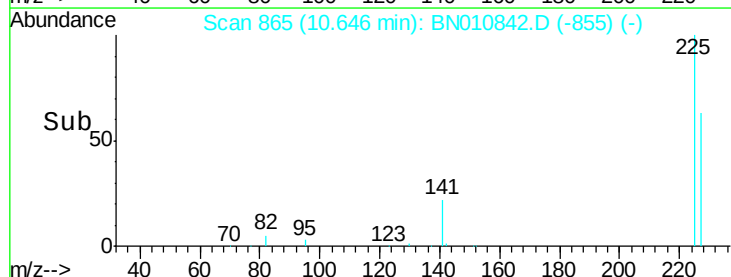
227 64.1 50.5 75.7

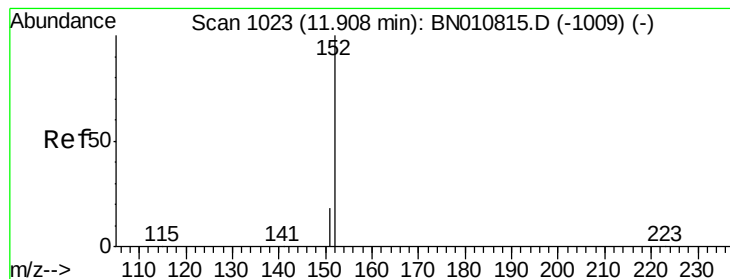


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.523 ng

RT: 11.90 min Scan# 1021

Delta R.T. 0.02 min

Lab File: BN010842.D

Acq: 12 Jun 2020 11:24

Instrument :

BNA_N

ClientSampleId :

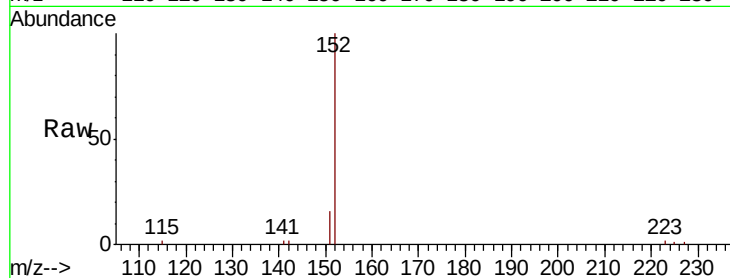
PB129499BS

Tot Ion:152 Resp: 7884

Ion Ratio Lower Upper

152 100

151 13.1 15.3 22.9#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.90

4000

3000

2000

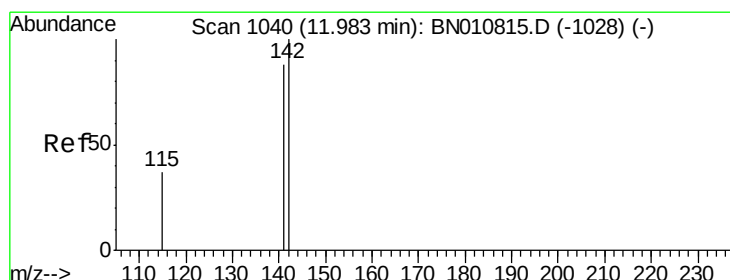
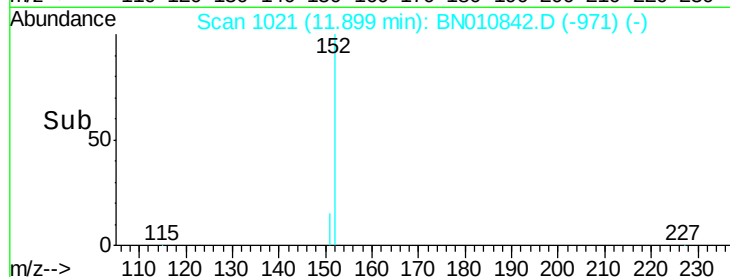
1000

0

Time-->

11.80

12.00



#12

2-Methylnaphthalene

Concen: 0.491 ng

RT: 11.97 min Scan# 1038

Delta R.T. 0.02 min

Lab File: BN010842.D

Acq: 12 Jun 2020 11:24

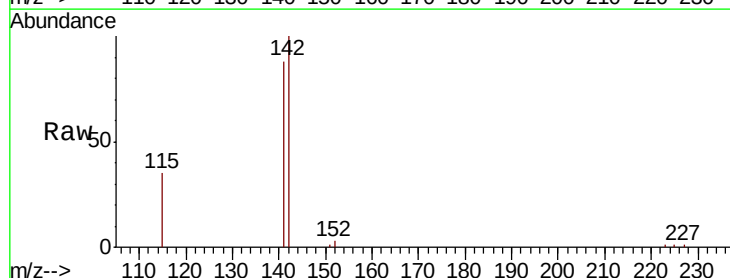
Tgt Ion:142 Resp: 8023

Ion Ratio Lower Upper

142 100

141 88.3 70.8 106.2

115 35.4 31.5 47.3



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

11.97

6000

5000

4000

3000

2000

1000

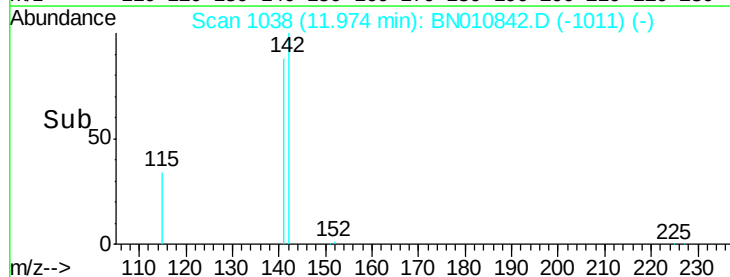
0

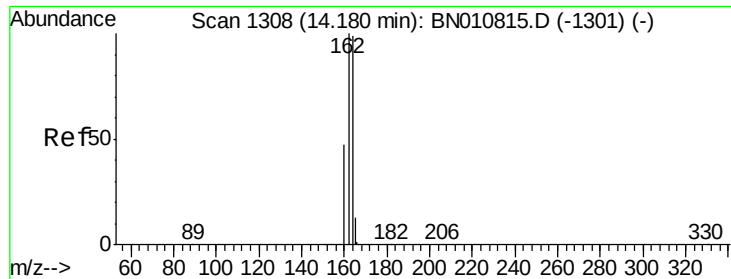
Time-->

11.90

12.00

12.10





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.17 min Scan# 1307

Delta R.T. 0.02 min

Lab File: BN010842.D

Acq: 12 Jun 2020 11:24

Instrument :

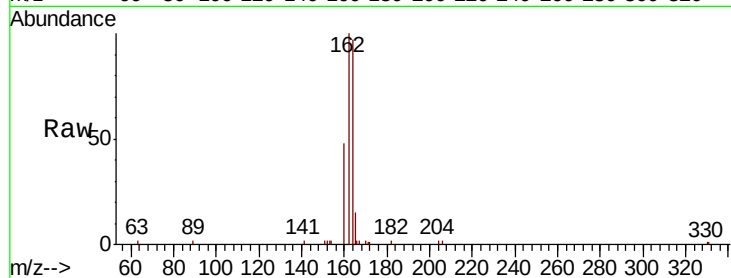
BNA_N

ClientSampleId :

PB129499BS

Tot Ion:164 Resp: 5195

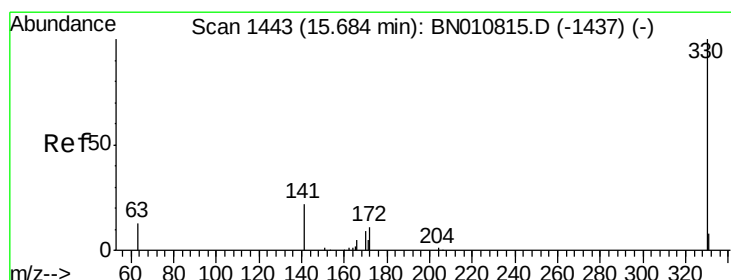
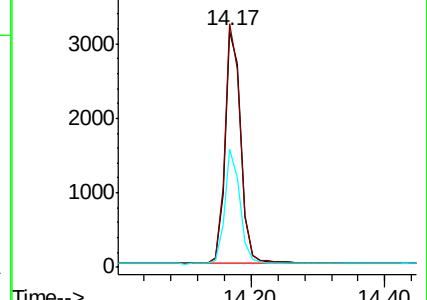
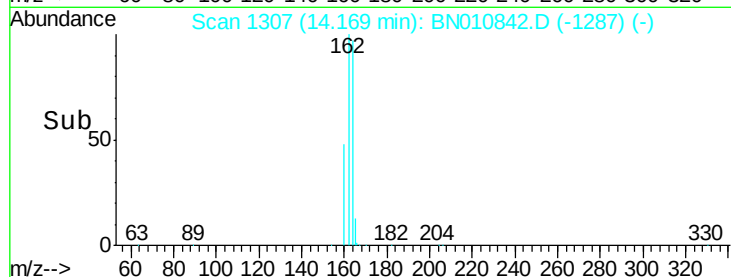
Ion	Ratio	Lower	Upper
164	100		
162	103.2	81.0	121.6
160	49.9	38.9	58.3



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: 0.315 ng

RT: 15.68 min Scan# 1443

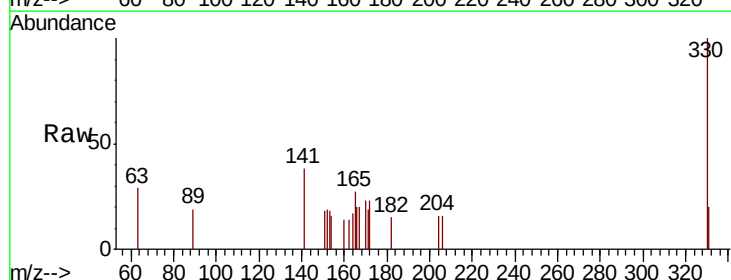
Delta R.T. 0.02 min

Lab File: BN010842.D

Acq: 12 Jun 2020 11:24

Tgt Ion:330 Resp: 585

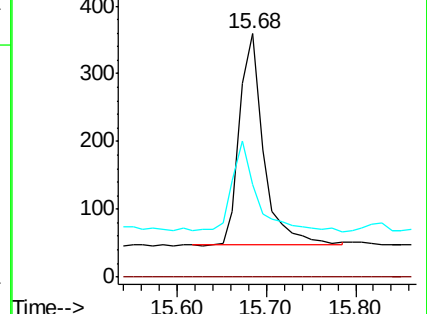
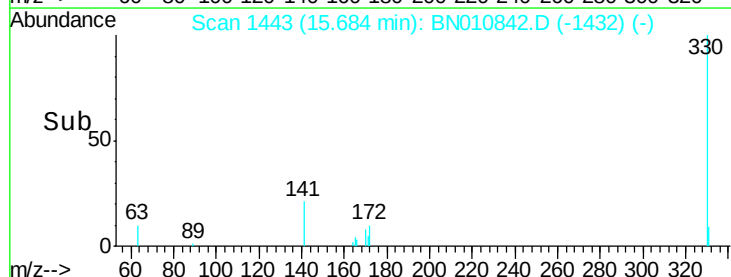
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	44.3	33.2	49.8

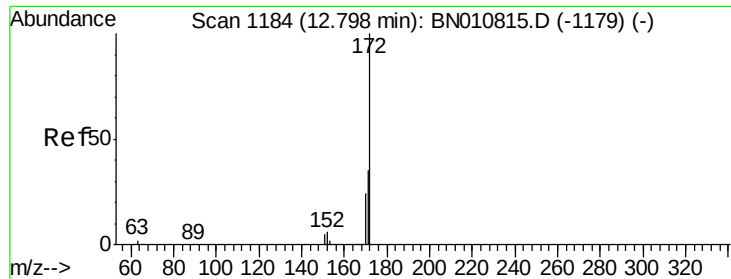


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

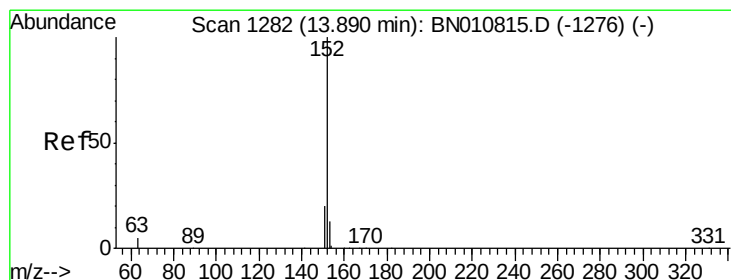
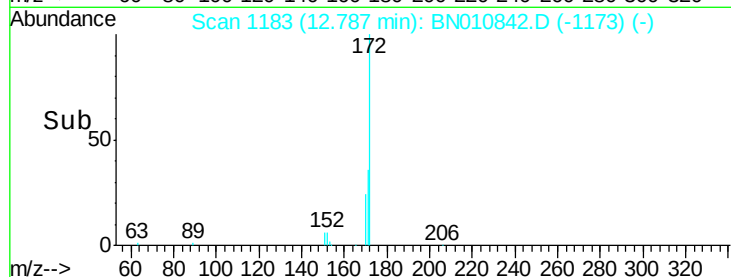
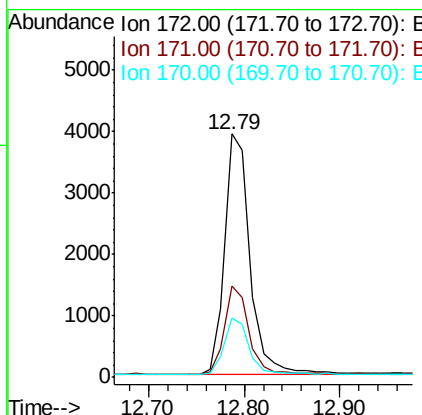
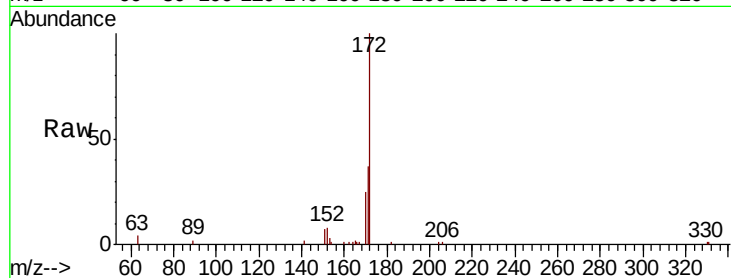




#15
2-Fluorobiphenyl
Concen: 0.354 ng
RT: 12.79 min Scan# 1183
Delta R.T. 0.01 min
Lab File: BN010842.D
Acq: 12 Jun 2020 11:24

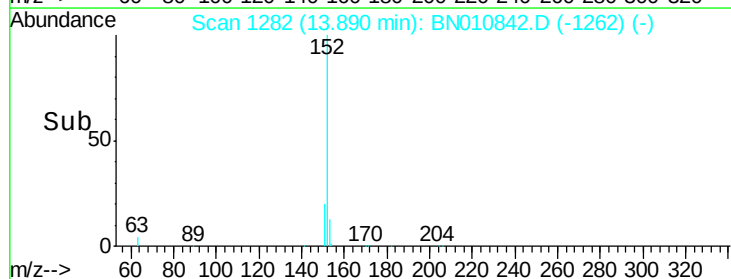
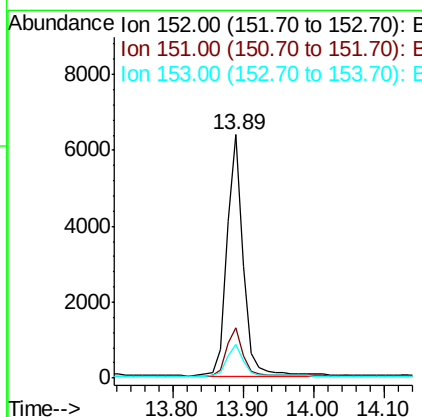
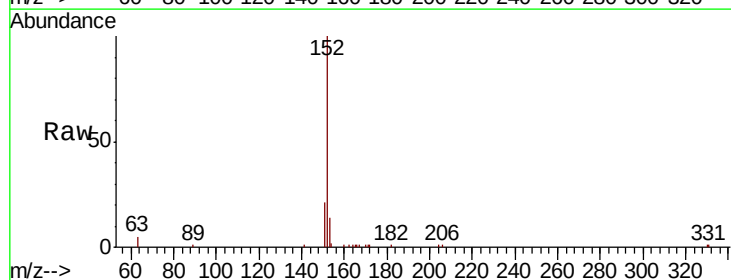
Instrument :
BNA_N
ClientSampleId :
PB129499BS

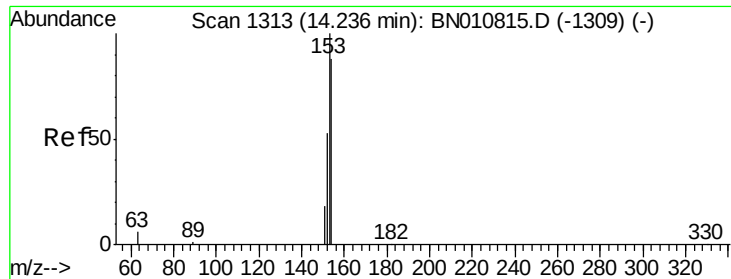
Tot Ion:172 Resp: 7247
Ion Ratio Lower Upper
172 100
171 37.3 28.5 42.7
170 24.6 19.7 29.5



#16
Acenaphthylene
Concen: 0.488 ng
RT: 13.89 min Scan# 1282
Delta R.T. 0.02 min
Lab File: BN010842.D
Acq: 12 Jun 2020 11:24

Tgt Ion:152 Resp: 10383
Ion Ratio Lower Upper
152 100
151 20.2 15.6 23.4
153 13.3 10.6 16.0

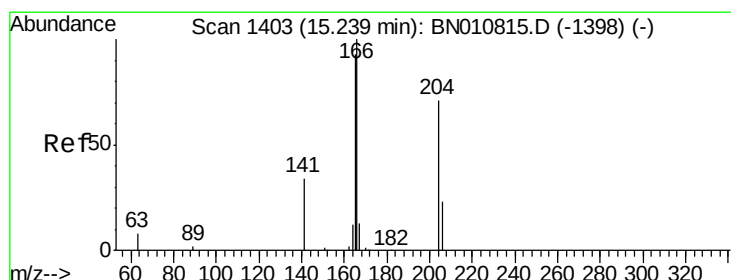
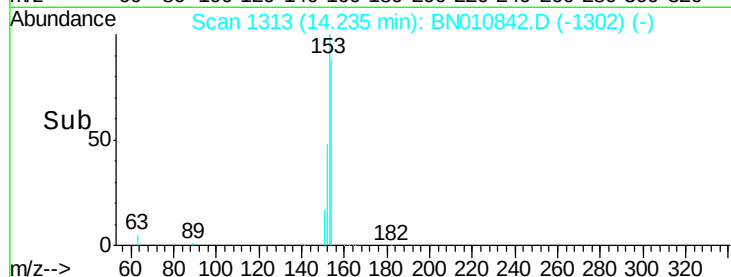
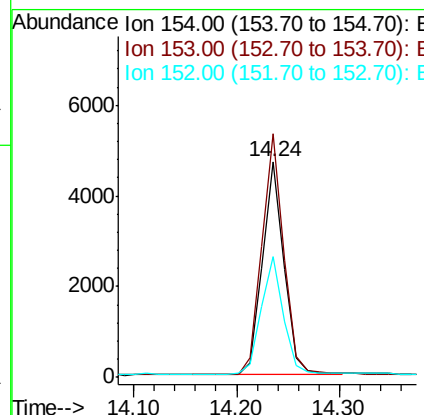
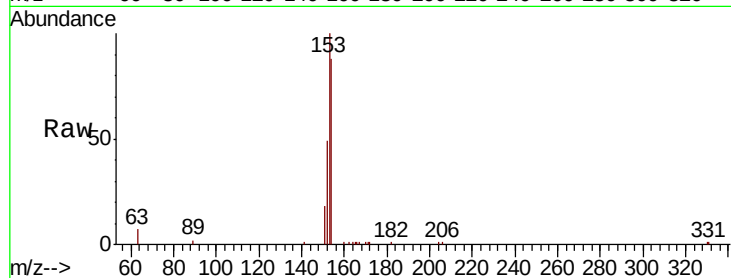




#17
Acenaphthene
Concen: 0.471 ng
RT: 14.24 min Scan# 1313
Delta R.T. 0.02 min
Lab File: BN010842.D
Acq: 12 Jun 2020 11:24

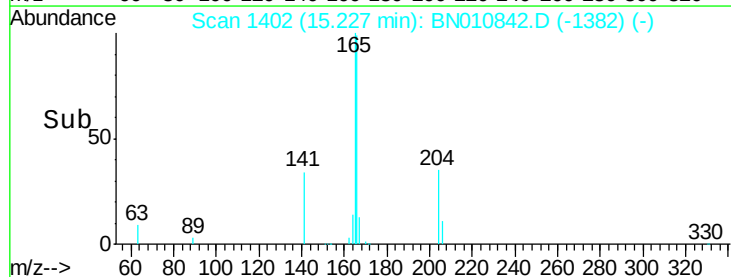
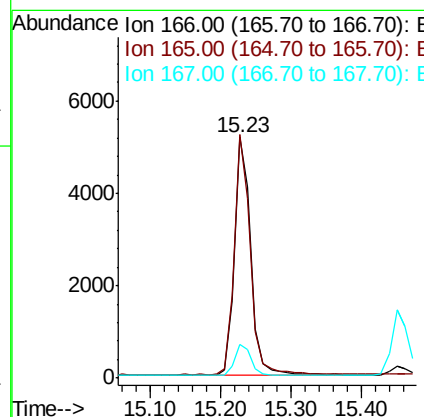
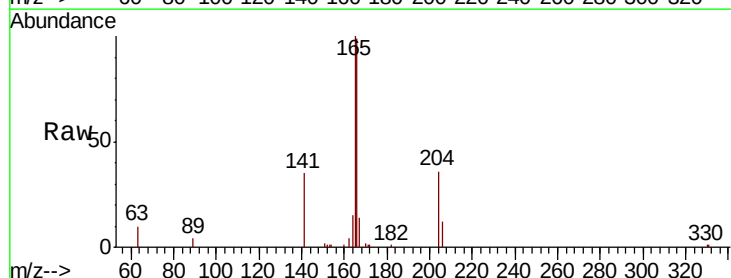
Instrument :
BNA_N
ClientSampleId :
PB129499BS

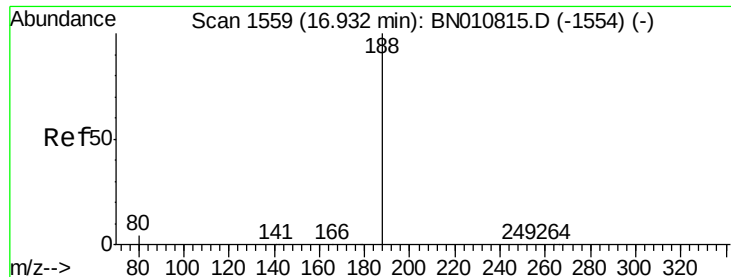
Tot Ion:154 Resp: 6841
Ion Ratio Lower Upper
154 100
153 115.5 91.8 137.6
152 57.0 47.6 71.4



#18
Fluorene
Concen: 0.456 ng
RT: 15.23 min Scan# 1402
Delta R.T. 0.02 min
Lab File: BN010842.D
Acq: 12 Jun 2020 11:24

Tgt Ion:166 Resp: 8526
Ion Ratio Lower Upper
166 100
165 99.0 77.2 115.8
167 13.5 10.7 16.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.92 min Scan# 1558

Delta R.T. 0.01 min

Lab File: BN010842.D

Acq: 12 Jun 2020 11:24

Instrument :

BNA_N

ClientSampleId :

PB129499BS

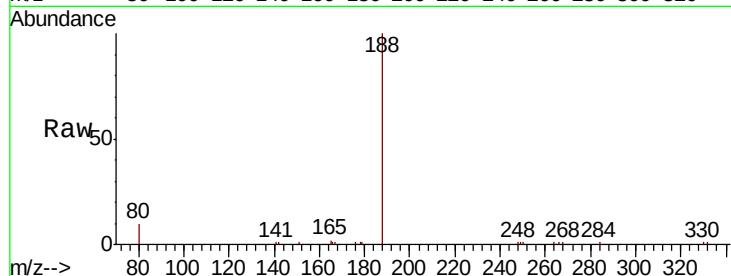
Tot Ion:188 Resp: 10357

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

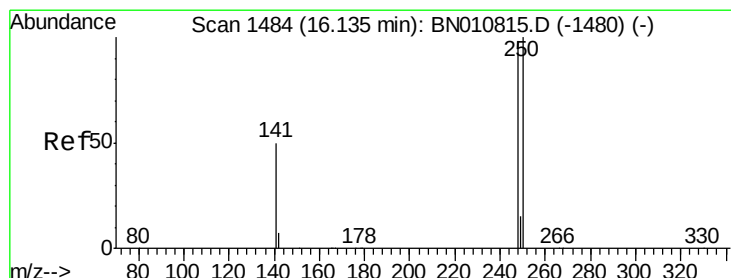
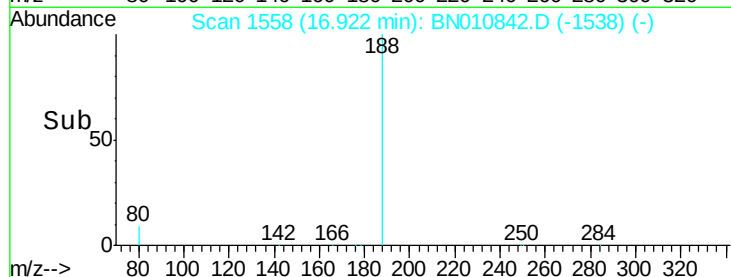
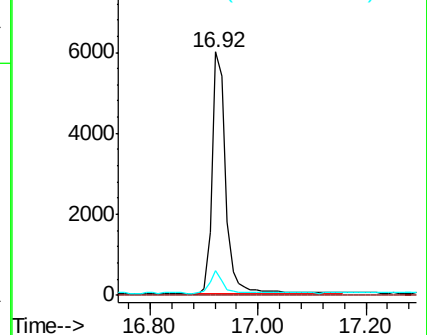
80 10.4 4.5 6.7#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNO

Ion 80.00 (79.70 to 80.70): BNO



#20

4-Bromophenyl-phenylether

Concen: 0.415 ng

RT: 16.13 min Scan# 1484

Delta R.T. 0.02 min

Lab File: BN010842.D

Acq: 12 Jun 2020 11:24

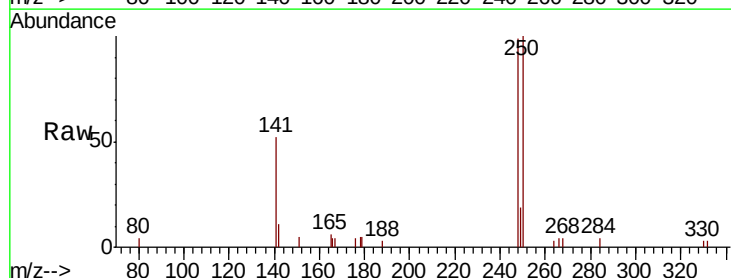
Tgt Ion:248 Resp: 2584

Ion Ratio Lower Upper

248 100

250 101.1 81.8 122.8

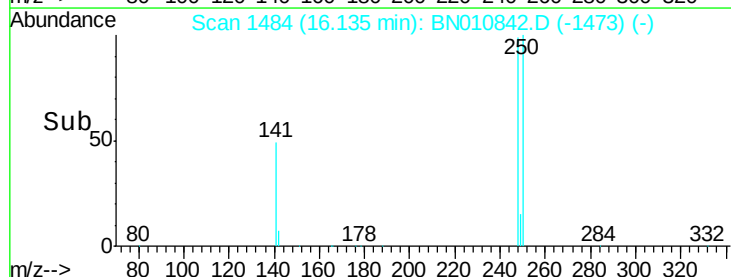
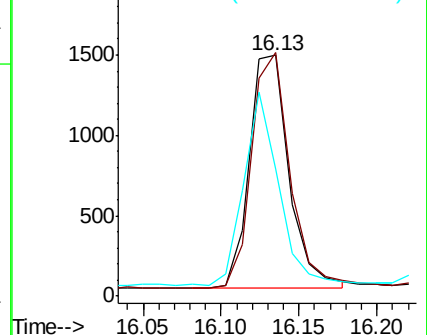
141 52.6 42.6 64.0

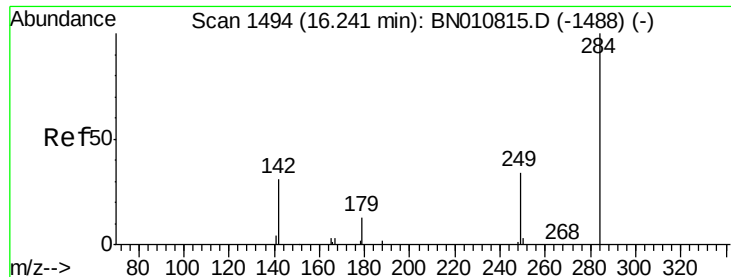


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.473 ng

RT: 16.24 min Scan# 1494

Delta R.T. 0.02 min

Lab File: BN010842.D

Acq: 12 Jun 2020 11:24

Instrument :

BNA_N

ClientSampleId :

PB129499BS

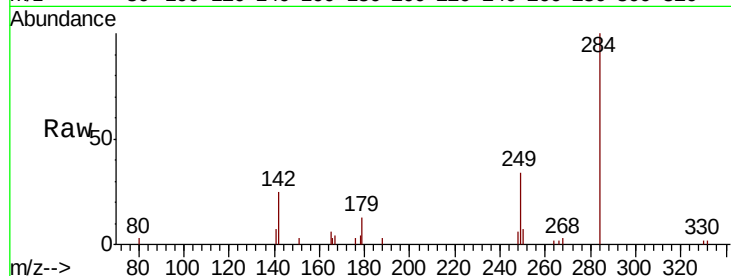
Tot Ion:284 Resp: 3070

Ion Ratio Lower Upper

284 100

142 34.2 31.0 46.4

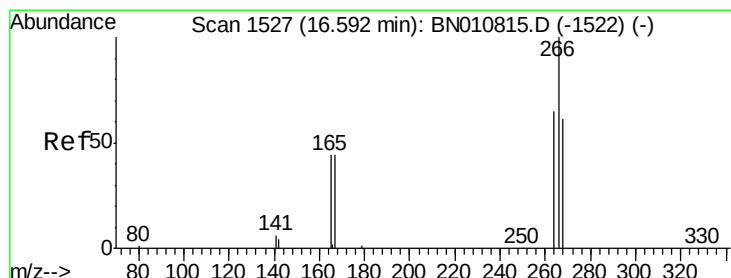
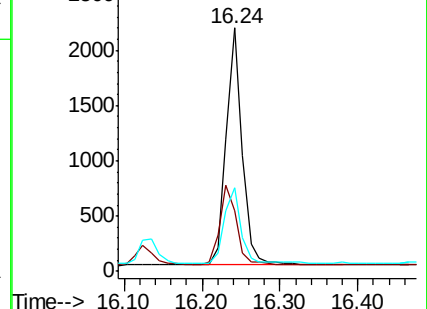
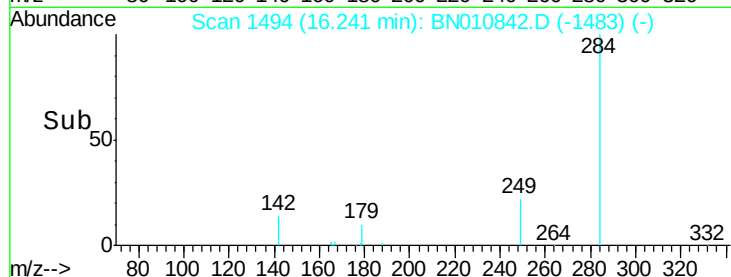
249 33.0 27.1 40.7



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: 0.798 ng

RT: 16.59 min Scan# 1527

Delta R.T. 0.02 min

Lab File: BN010842.D

Acq: 12 Jun 2020 11:24

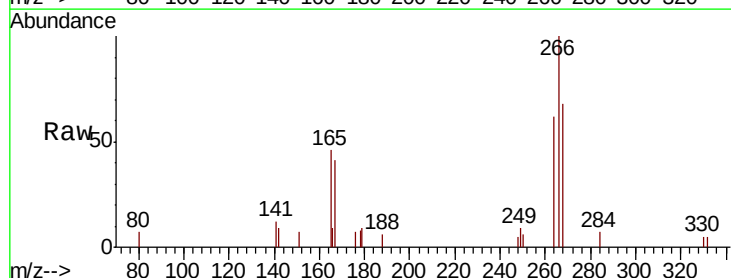
Tgt Ion:266 Resp: 1739

Ion Ratio Lower Upper

266 100

264 62.2 54.8 82.2

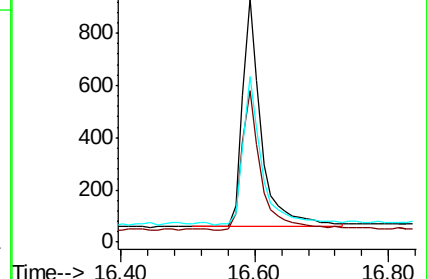
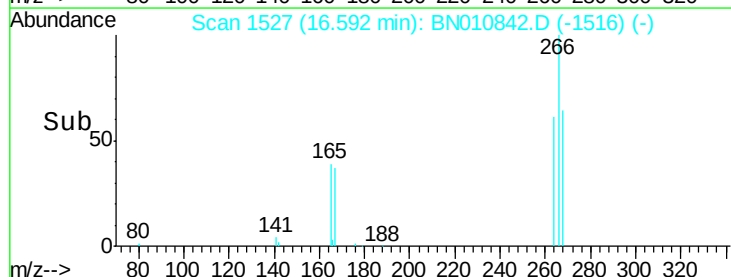
268 67.8 55.9 83.9

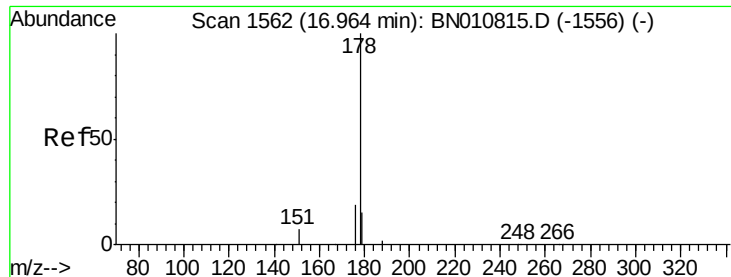


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.470 ng

RT: 16.96 min Scan# 1562

Delta R.T. 0.02 min

Lab File: BN010842.D

Acq: 12 Jun 2020 11:24

Instrument :

BNA_N

ClientSampleId :

PB129499BS

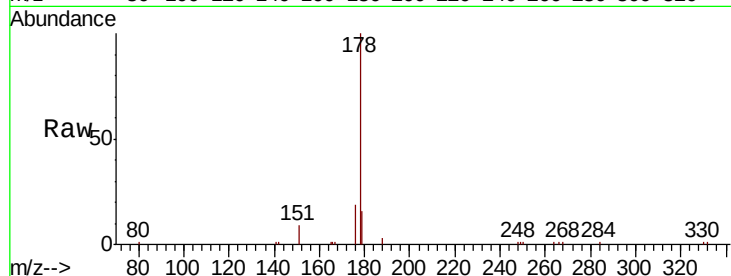
Tot Ion:178 Resp: 13306

Ion Ratio Lower Upper

178 100

176 18.6 15.3 22.9

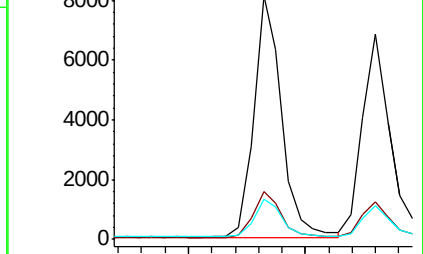
179 15.5 12.6 19.0



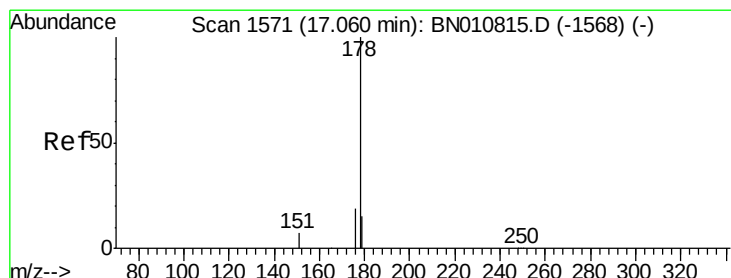
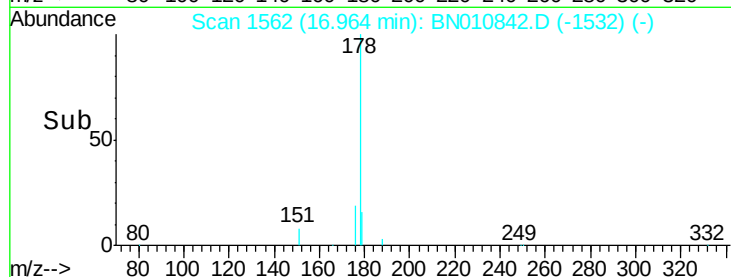
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#24

Anthracene

Concen: 0.486 ng

RT: 17.06 min Scan# 1571

Delta R.T. 0.02 min

Lab File: BN010842.D

Acq: 12 Jun 2020 11:24

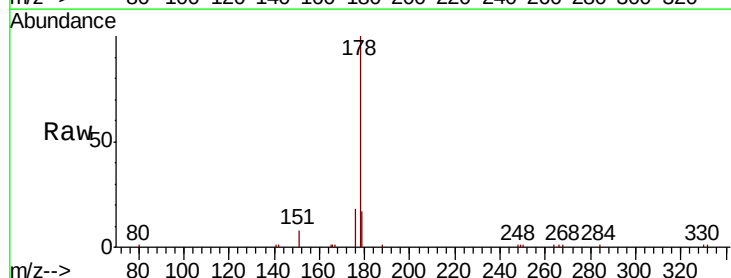
Tgt Ion:178 Resp: 11486

Ion Ratio Lower Upper

178 100

176 18.2 14.6 22.0

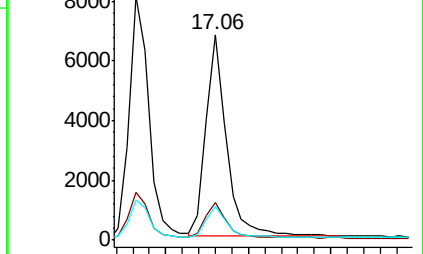
179 15.3 12.3 18.5



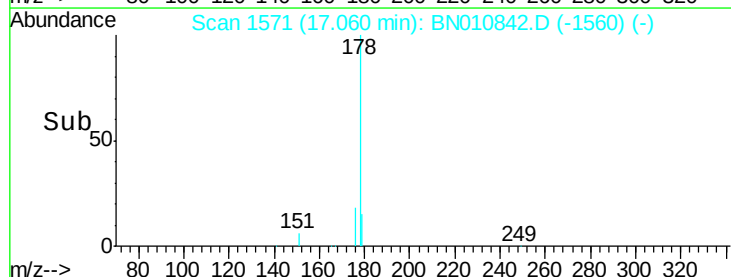
Abundance Ion 178.00 (177.70 to 178.70): E

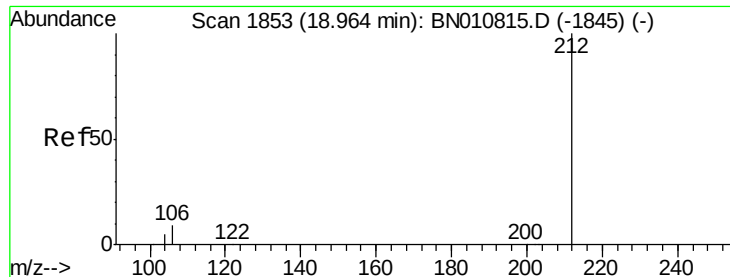
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->





#25

Fluoranthene-d10

Concen: 0.357 ng

RT: 18.96 min Scan# 1853

Delta R.T. 0.02 min

Lab File: BN010842.D

Acq: 12 Jun 2020 11:24

Instrument :

BNA_N

ClientSampleId :

PB129499BS

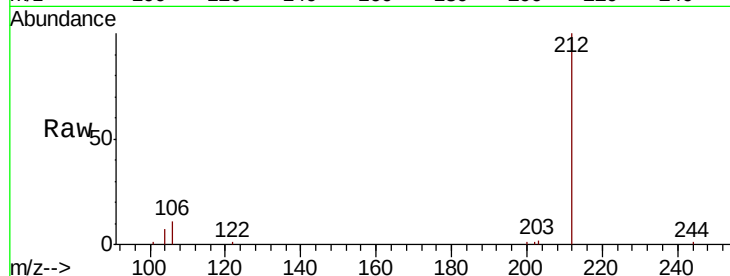
Tot Ion:212 Resp: 10213

Ion Ratio Lower Upper

212 100

106 10.3 6.6 10.0#

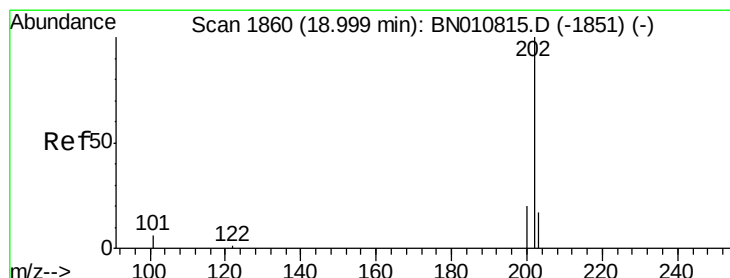
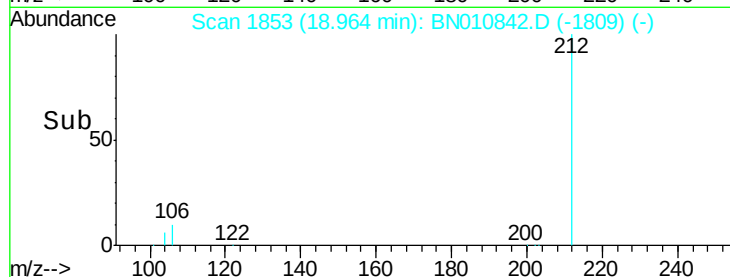
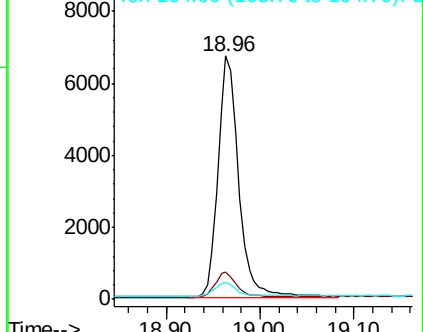
104 6.2 4.0 6.0#



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: 0.493 ng

RT: 18.99 min Scan# 1859

Delta R.T. 0.02 min

Lab File: BN010842.D

Acq: 12 Jun 2020 11:24

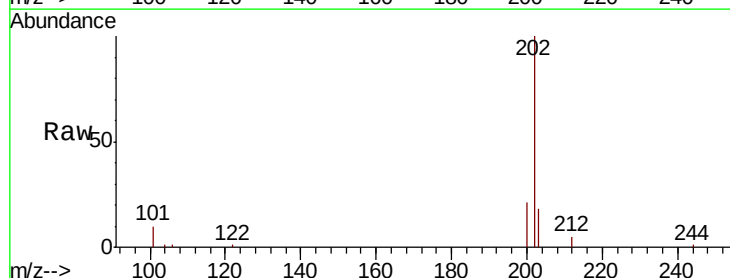
Tgt Ion:202 Resp: 15844

Ion Ratio Lower Upper

202 100

101 8.8 5.8 8.6#

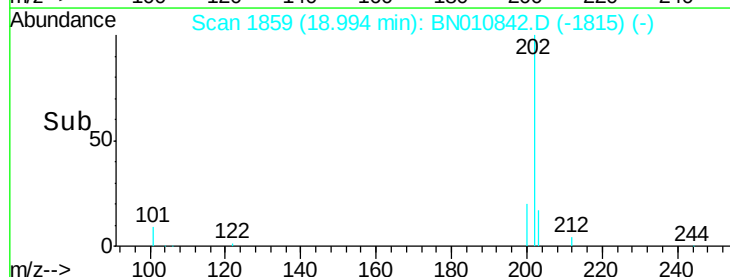
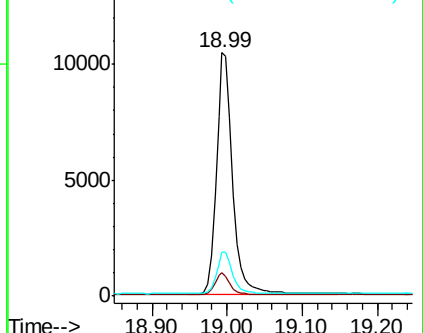
203 17.6 13.7 20.5

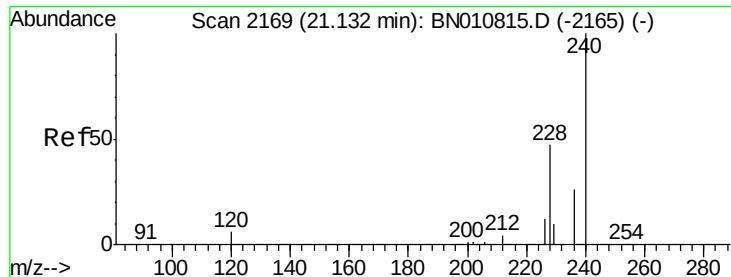


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.13 min Scan# 2169

Delta R.T. 0.01 min

Lab File: BN010842.D

Acq: 12 Jun 2020 11:24

Instrument :

BNA_N

ClientSampleId :

PB129499BS

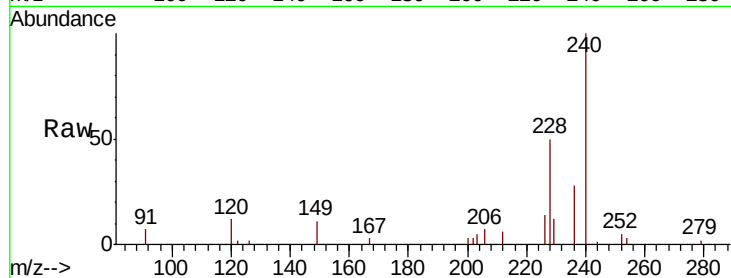
Tot Ion:240 Resp: 10672

Ion Ratio Lower Upper

240 100

120 11.5 7.5 11.3#

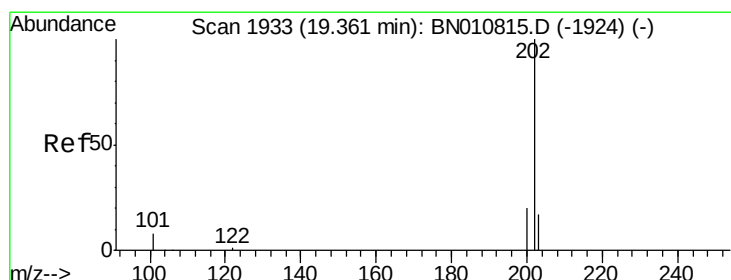
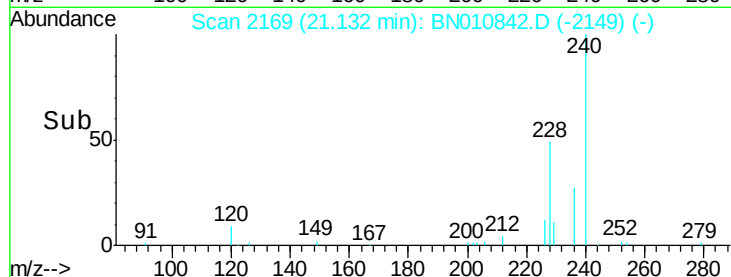
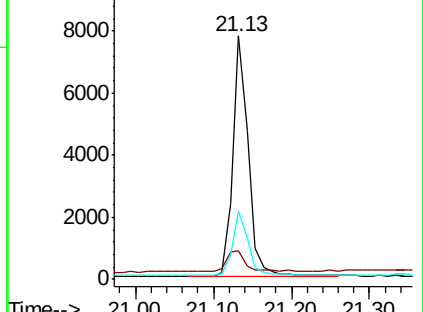
236 28.2 22.3 33.5



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: 0.461 ng

RT: 19.36 min Scan# 1933

Delta R.T. 0.02 min

Lab File: BN010842.D

Acq: 12 Jun 2020 11:24

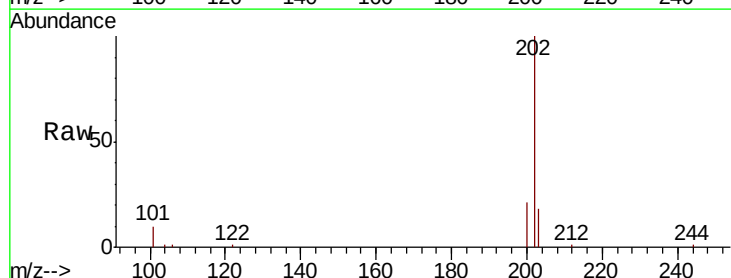
Tgt Ion:202 Resp: 16263

Ion Ratio Lower Upper

202 100

200 20.3 16.4 24.6

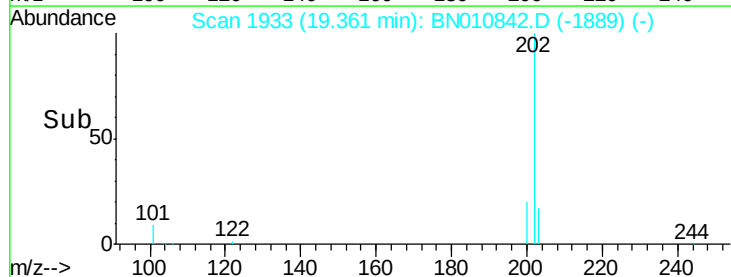
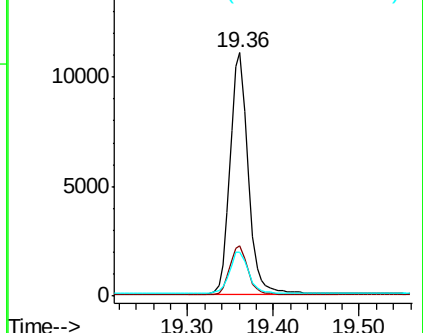
203 18.1 14.2 21.4

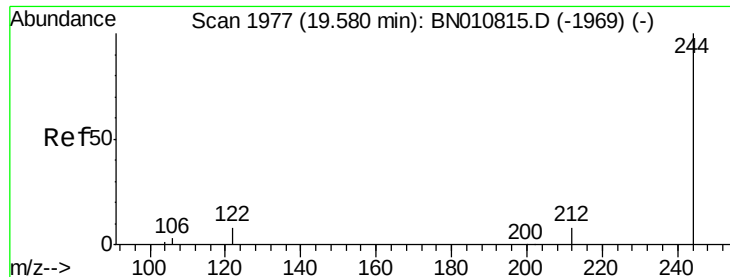


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.328 ng

RT: 19.58 min Scan# 1977

Delta R.T. 0.01 min

Lab File: BN010842.D

Acq: 12 Jun 2020 11:24

Instrument :

BNA_N

ClientSampleId :

PB129499BS

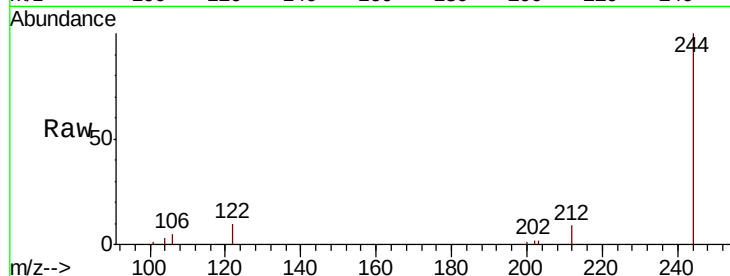
Tot Ion:244 Resp: 8200

Ion Ratio Lower Upper

244 100

212 8.8 7.4 11.2

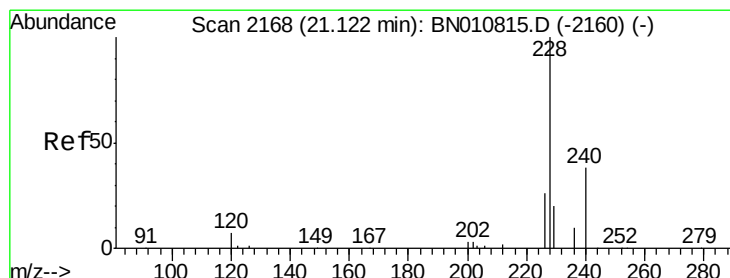
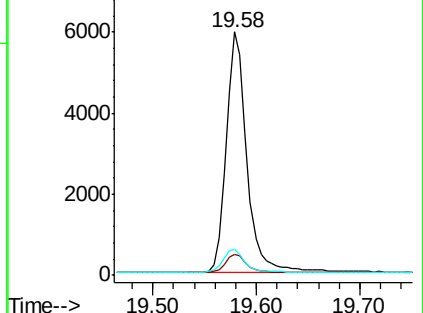
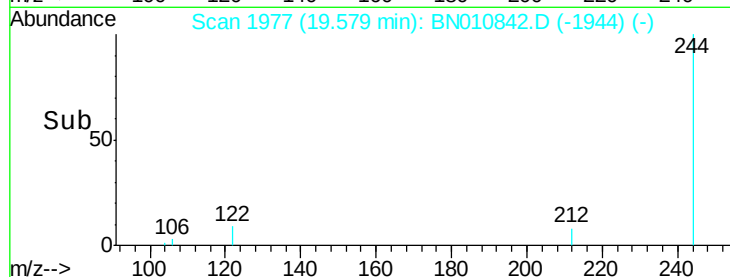
122 10.5 7.5 11.3



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: 0.524 ng

RT: 21.12 min Scan# 2168

Delta R.T. 0.02 min

Lab File: BN010842.D

Acq: 12 Jun 2020 11:24

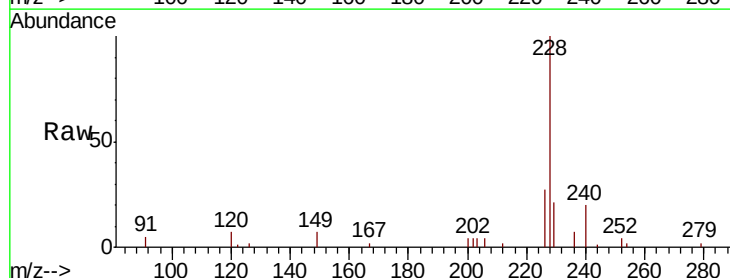
Tgt Ion:228 Resp: 16430

Ion Ratio Lower Upper

228 100

226 26.7 21.3 31.9

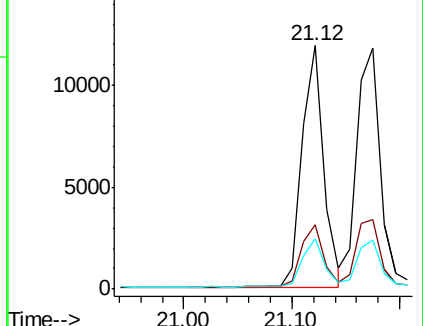
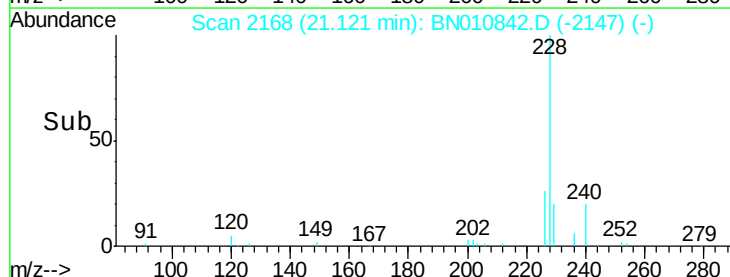
229 20.6 16.6 24.8

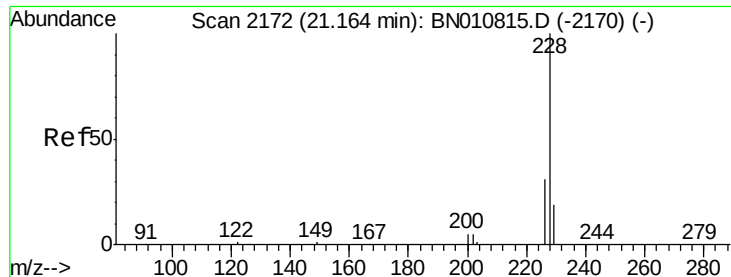


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.483 ng

RT: 21.17 min Scan# 2173

Delta R.T. 0.02 min

Lab File: BN010842.D

Acq: 12 Jun 2020 11:24

Instrument :

BNA_N

ClientSampleId :

PB129499BS

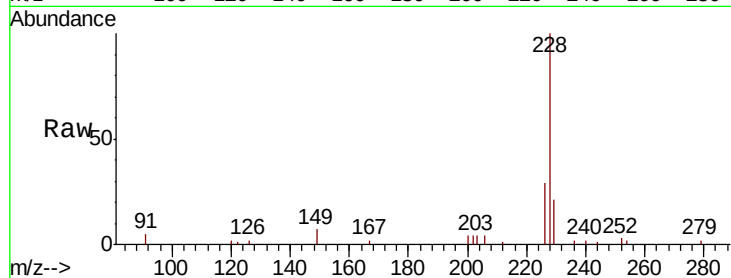
Tot Ion:228 Resp: 17650

Ion Ratio Lower Upper

228 100

226 29.0 25.0 37.6

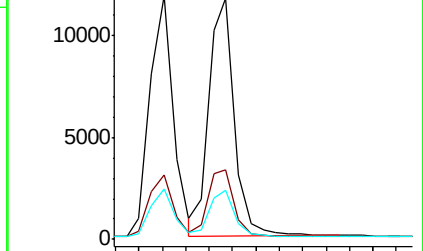
229 20.5 16.1 24.1



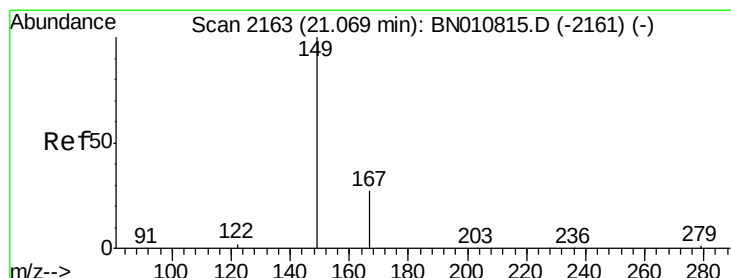
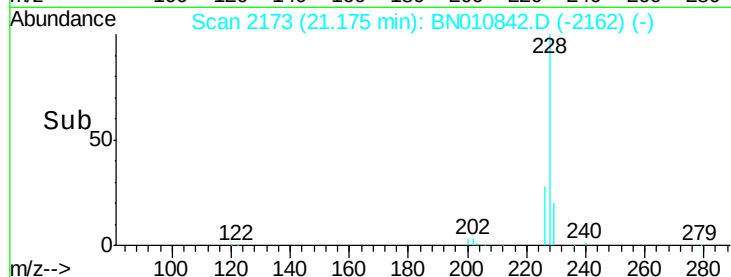
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time--> 21.10 21.20 21.30



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.906 ng

RT: 21.08 min Scan# 2164

Delta R.T. 0.02 min

Lab File: BN010842.D

Acq: 12 Jun 2020 11:24

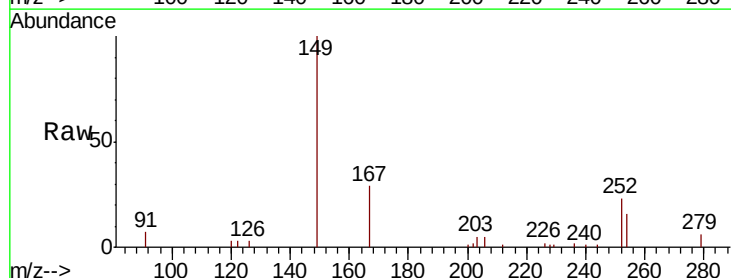
Tgt Ion:149 Resp: 9475

Ion Ratio Lower Upper

149 100

167 28.1 24.1 36.1

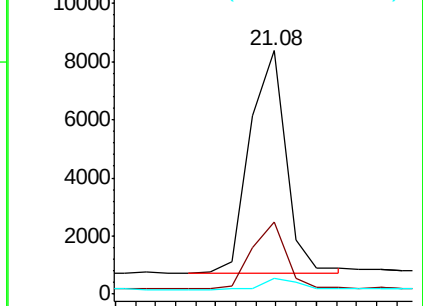
279 5.2 4.6 7.0



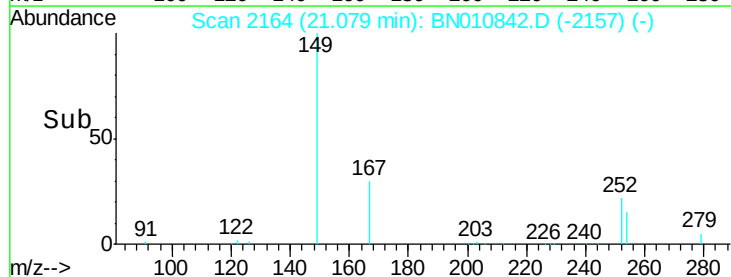
Abundance Ion 149.00 (148.70 to 149.70): E

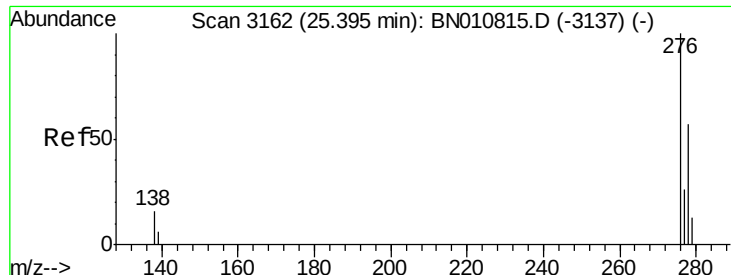
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time--> 21.00 21.05 21.10





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.562 ng

RT: 25.40 min Scan# 3164

Delta R.T. 0.04 min

Lab File: BN010842.D

Acq: 12 Jun 2020 11:24

Instrument :

BNA_N

ClientSampleId :

PB129499BS

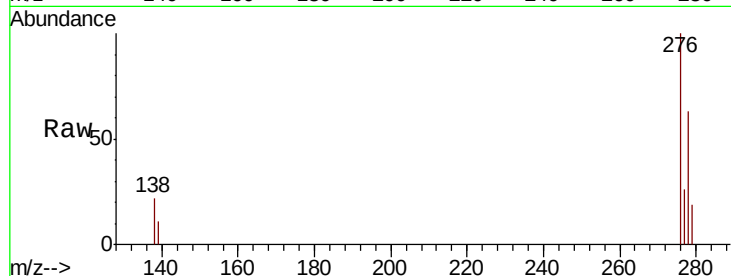
Tot Ion:276 Resp: 22953

Ion Ratio Lower Upper

276 100

138 20.4 13.0 19.6#

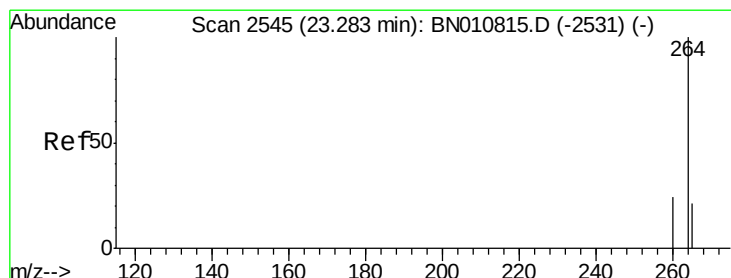
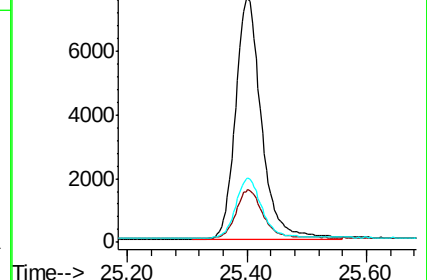
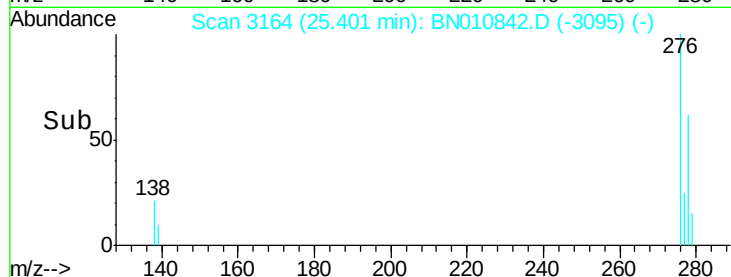
277 25.2 19.7 29.5



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: 23.29 min Scan# 2546

Delta R.T. 0.02 min

Lab File: BN010842.D

Acq: 12 Jun 2020 11:24

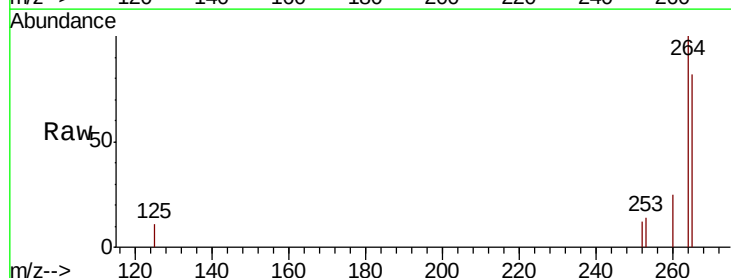
Tgt Ion:264 Resp: 11585

Ion Ratio Lower Upper

264 100

260 25.2 20.4 30.6

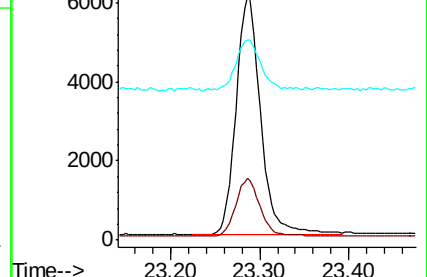
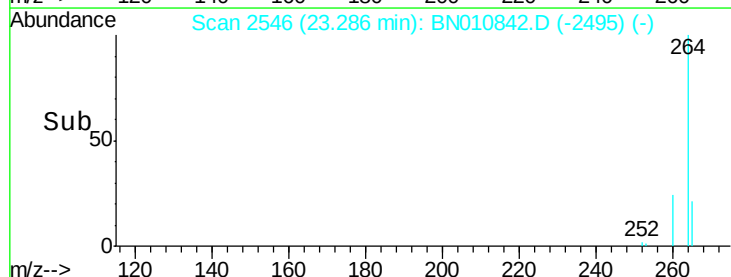
265 82.1 75.0 112.4

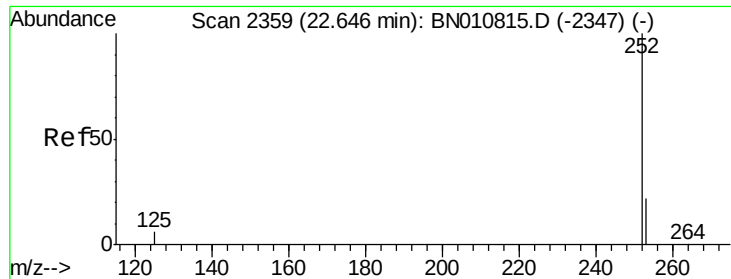


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

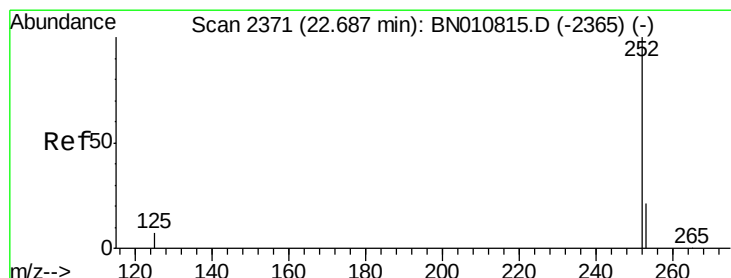
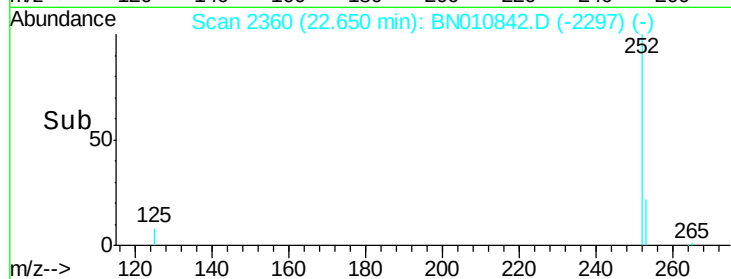
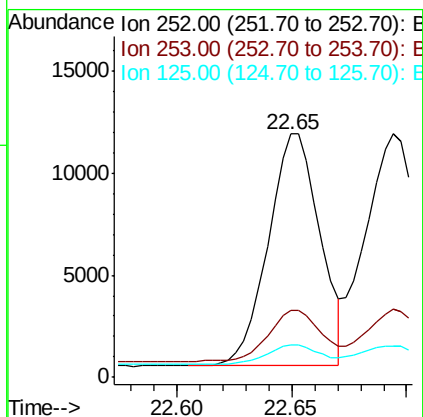
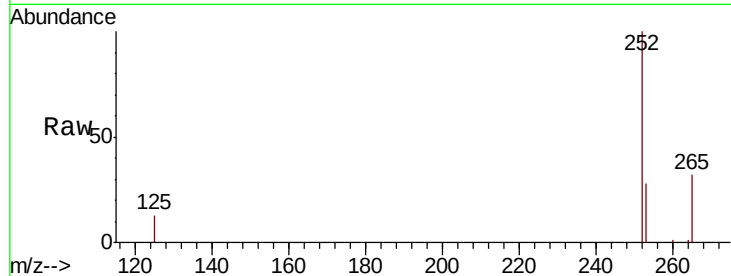




#35
Benzo(b)fluoranthene
Concen: 0.452 ng
RT: 22.65 min Scan# 2360
Delta R.T. 0.02 min
Lab File: BN010842.D
Acq: 12 Jun 2020 11:24

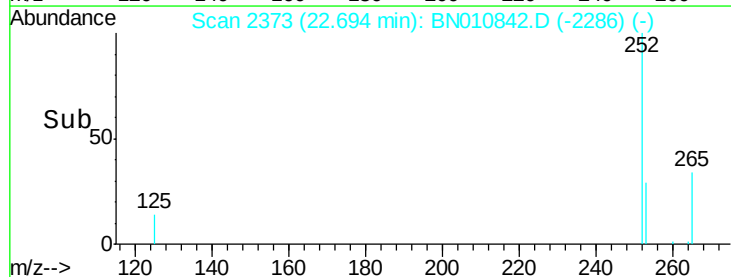
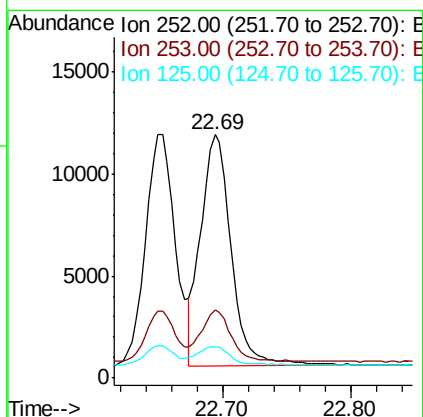
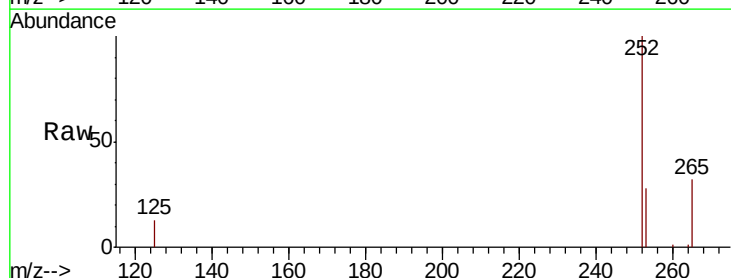
Instrument :
BNA_N
ClientSampleId :
PB129499BS

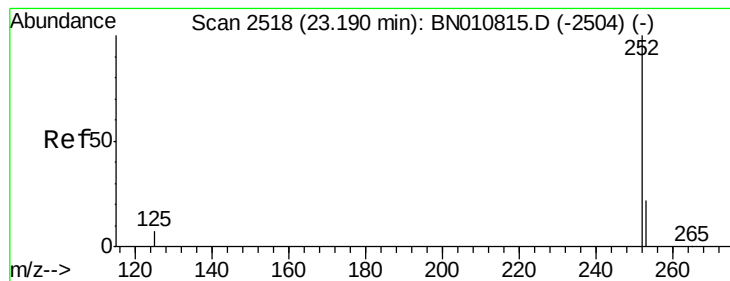
Tot Ion:252 Resp: 17813
Ion Ratio Lower Upper
252 100
253 27.5 22.4 33.6
125 13.3 9.4 14.0



#36
Benzo(k)fluoranthene
Concen: 0.442 ng
RT: 22.69 min Scan# 2373
Delta R.T. 0.02 min
Lab File: BN010842.D
Acq: 12 Jun 2020 11:24

Tgt Ion:252 Resp: 18543
Ion Ratio Lower Upper
252 100
253 27.9 22.2 33.4
125 13.0 9.8 14.8





#37

Benzo(a)pyrene

Concen: 0.511 ng

RT: 23.19 min Scan# 2519

Delta R.T. 0.02 min

Lab File: BN010842.D

Acq: 12 Jun 2020 11:24

Instrument :

BNA_N

ClientSampleId :

PB129499BS

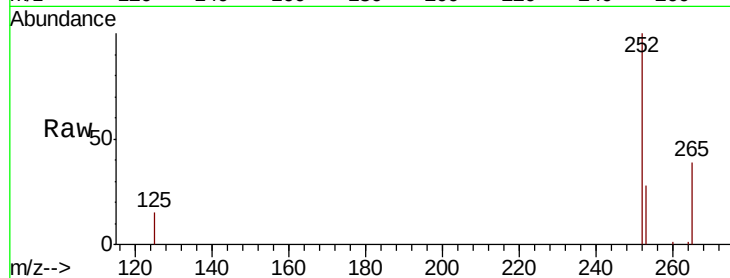
Tot Ion:252 Resp: 17273

Ion Ratio Lower Upper

252 100

253 28.3 25.8 38.8

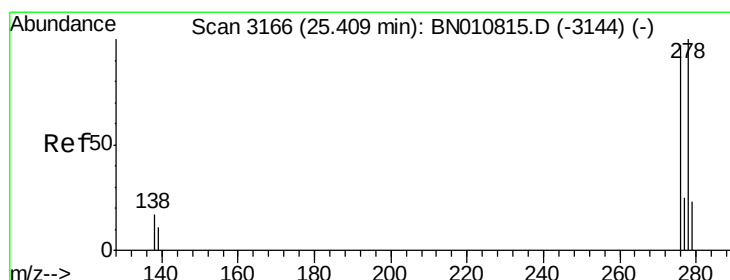
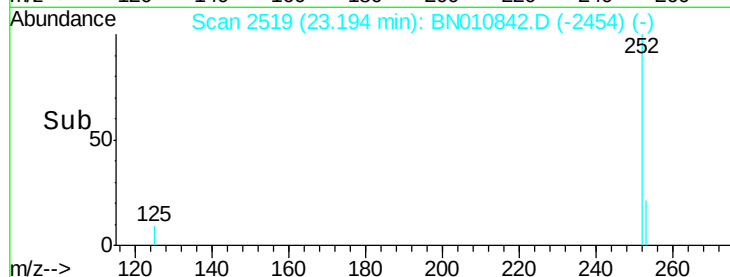
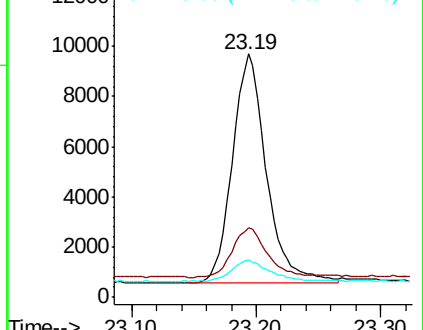
125 15.2 12.4 18.6



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: 0.475 ng

RT: 25.42 min Scan# 3168

Delta R.T. 0.03 min

Lab File: BN010842.D

Acq: 12 Jun 2020 11:24

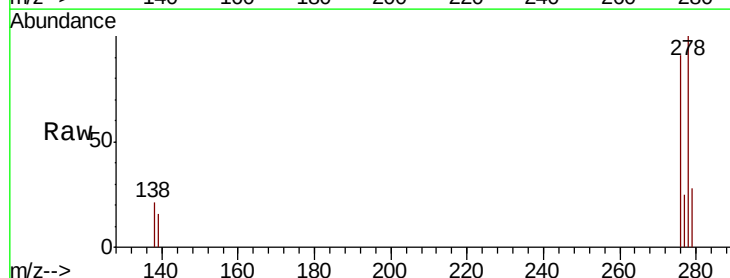
Tgt Ion:278 Resp: 18320

Ion Ratio Lower Upper

278 100

139 15.7 10.6 15.8

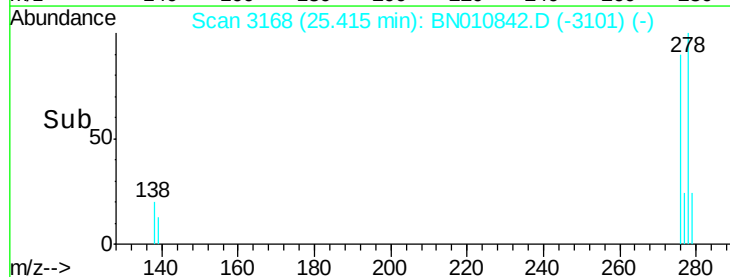
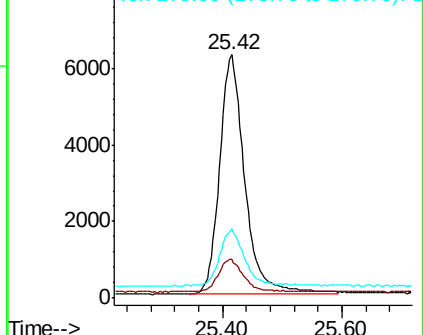
279 28.4 23.6 35.4

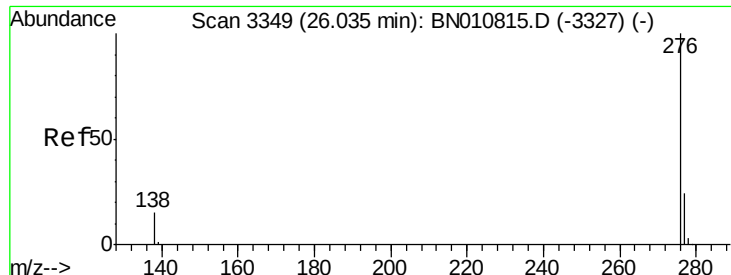


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.561 ng

RT: 26.04 min Scan# 3350

Delta R.T. 0.04 min

Lab File: BN010842.D

Acq: 12 Jun 2020 11:24

Instrument :

BNA_N

ClientSampleId :

PB129499BS

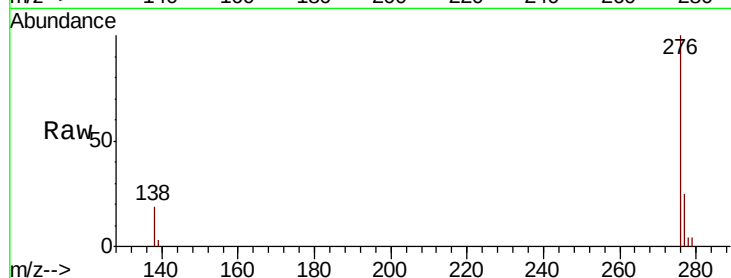
Tot Ion:276 Resp: 22574

Ion Ratio Lower Upper

276 100

277 25.2 20.5 30.7

138 19.4 13.7 20.5



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

