

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051220\
 Data File : BN010695.D
 Acq On : 12 May 2020 11:57
 Operator : CG/JU
 Sample : PB128768BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB128768BS

Quant Time: May 12 12:28:33 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN041320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 12 10:58:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	4405	0.40	ng	0.00
7) Naphthalene-d8	10.33	136	17459	0.40	ng	0.00
13) Acenaphthene-d10	14.20	164	10840	0.40	ng	0.00
19) Phenanthrene-d10	16.95	188	23087	0.40	ng	0.00
27) Chrysene-d12	21.16	240	18751	0.40	ng	0.00
34) Perylene-d12	23.33	264	17124	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.23	112	2638	0.27	ng	0.00
5) Phenol-d6	6.78	99	3149	0.25	ng	0.00
8) Nitrobenzene-d5	8.71	82	3449	0.28	ng	-0.01
11) 2-Methylnaphthalene-d10	11.93	152	10843	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.71	330	905	0.18	ng	0.00
15) 2-Fluorobiphenyl	12.82	172	11186	0.28	ng	0.00
25) Fluoranthene-d10	18.99	212	15269	0.22	ng	0.00
29) Terphenyl-d14	19.61	244	11451	0.27	ng	0.00

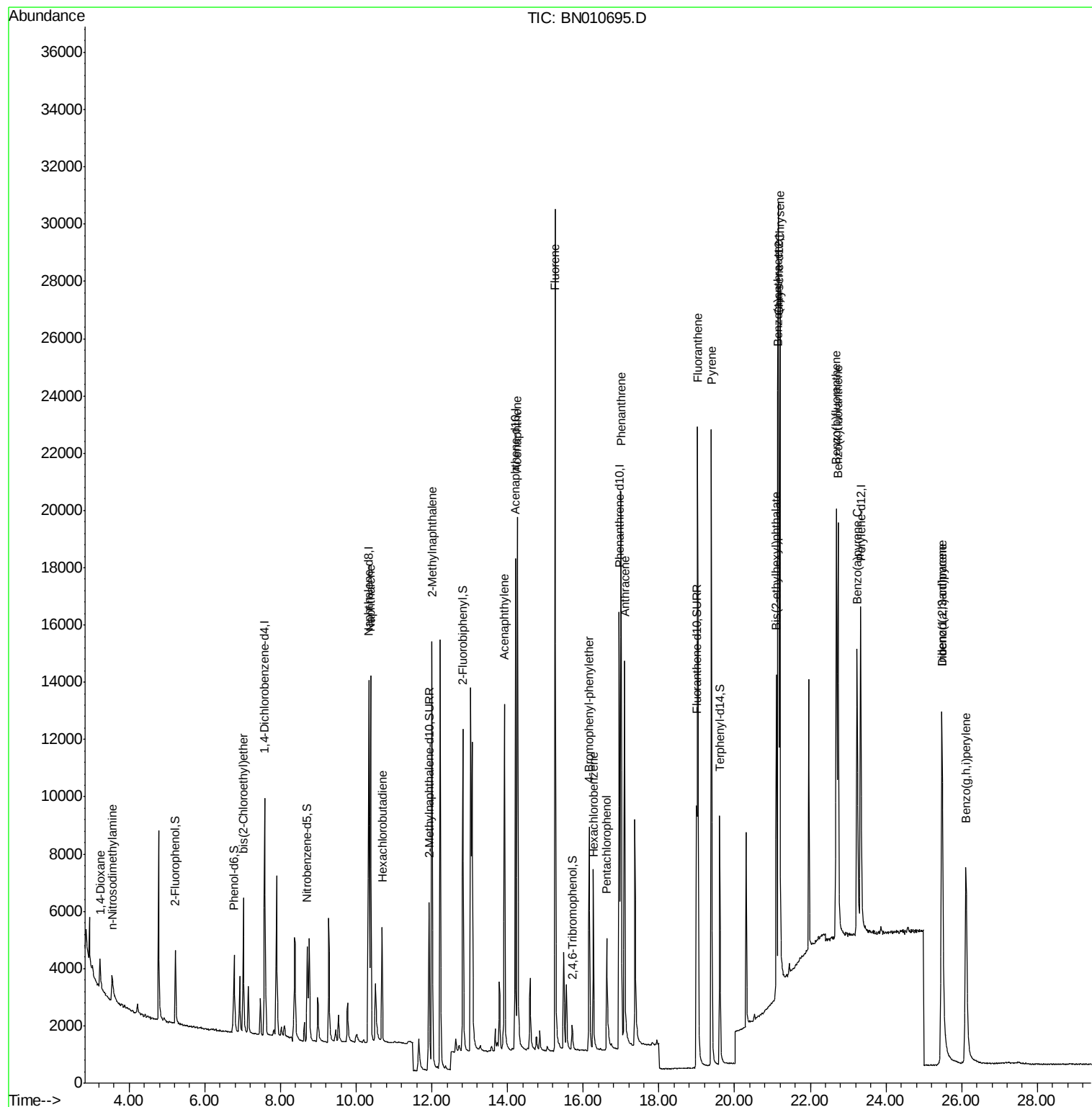
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.23	88	1028	0.32	ng	# 88
3) n-Nitrosodimethylamine	3.55	42	944	0.45	ng	# 90
6) bis(2-Chloroethyl)ether	7.02	93	4300	0.39	ng	98
9) Naphthalene	10.38	128	16770	0.39	ng	100
10) Hexachlorobutadiene	10.68	225	3655	0.35	ng	# 99
12) 2-Methylnaphthalene	12.00	142	12003	0.39	ng	98
16) Acenaphthylene	13.91	152	16240	0.35	ng	100
17) Acenaphthene	14.26	154	11117	0.37	ng	100
18) Fluorene	15.26	166	14217	0.36	ng	100
20) 4-Bromophenyl-phenylether	16.16	248	4367	0.34	ng	# 85
21) Hexachlorobenzene	16.27	284	5557	0.38	ng	98
22) Pentachlorophenol	16.62	266	3221	0.56	ng	96
23) Phenanthrene	17.00	178	22275	0.36	ng	100
24) Anthracene	17.09	178	18470	0.32	ng	100
26) Fluoranthene	19.02	202	24204	0.31	ng	99
28) Pyrene	19.39	202	24012	0.38	ng	99
30) Benzo(a)anthracene	21.14	228	19343	0.32	ng	100
31) Chrysene	21.20	228	21653	0.36	ng	100
32) Bis(2-ethylhexyl)phthalate	21.10	149	7928	0.25	ng	99
33) Indeno(1,2,3-cd)pyrene	25.47	276	19107	0.35	ng	99
35) Benzo(b)fluoranthene	22.69	252	19797	0.35	ng	98
36) Benzo(k)fluoranthene	22.73	252	21608	0.38	ng	99
37) Benzo(a)pyrene	23.24	252	17989	0.36	ng	98
38) Dibenzo(a,h)anthracene	25.48	278	14718	0.32	ng	98
39) Benzo(g,h,i)perylene	26.11	276	18166	0.40	ng	99

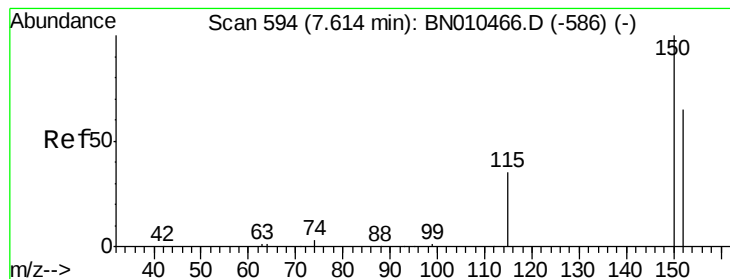
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051220\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 12 10:58:34 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.58 min Scan# 590

Delta R.T. 0.00 min

Lab File: BN010695.D

Acq: 12 May 2020 11:57

Instrument :

BNA_N

ClientSampleId :

PB128768BS

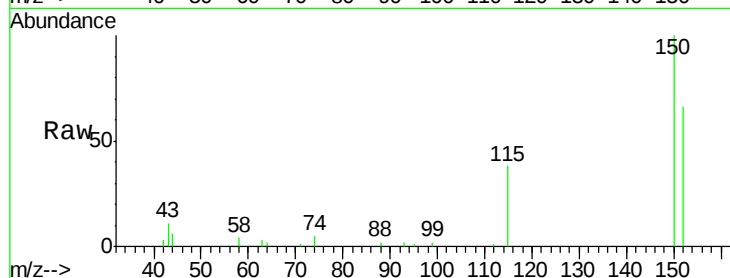
Tgt Ion:152 Resp: 4405

Ion Ratio Lower Upper

152 100

150 151.8 121.8 182.6

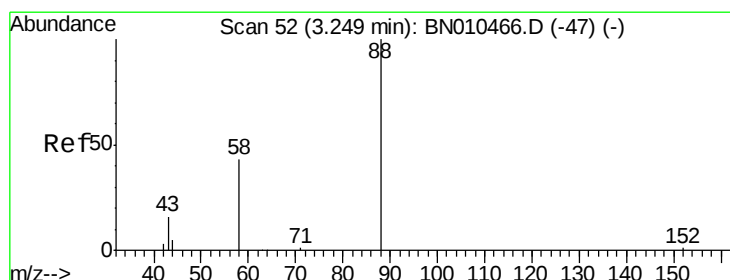
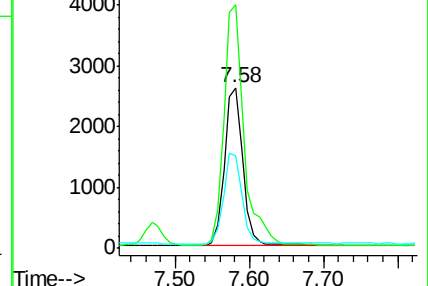
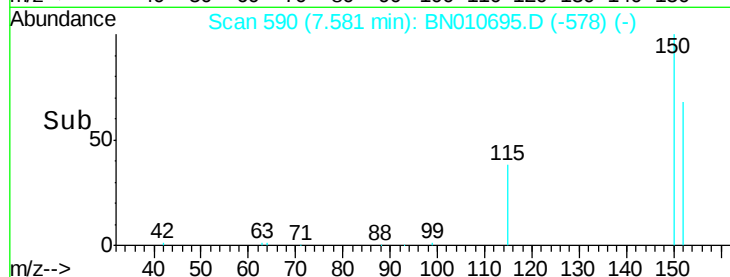
115 58.1 45.5 68.3



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: BN010695.D

Acq: 12 May 2020 11:57

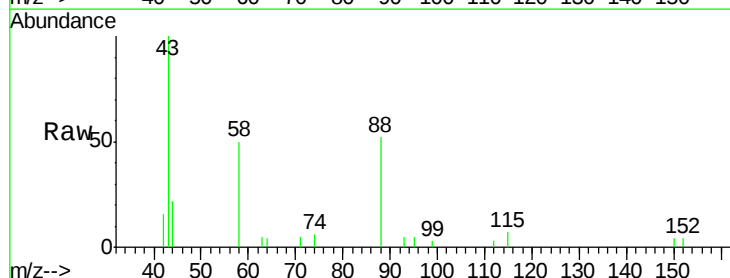
Tgt Ion: 88 Resp: 1028

Ion Ratio Lower Upper

88 100

58 44.8 36.5 54.7

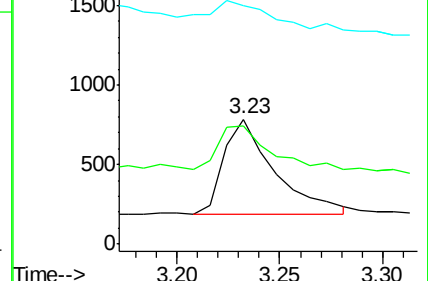
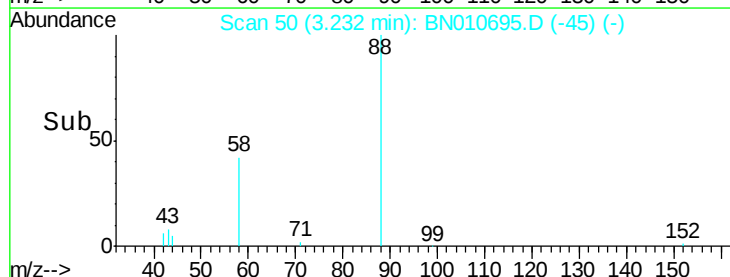
43 35.0 13.2 19.8#

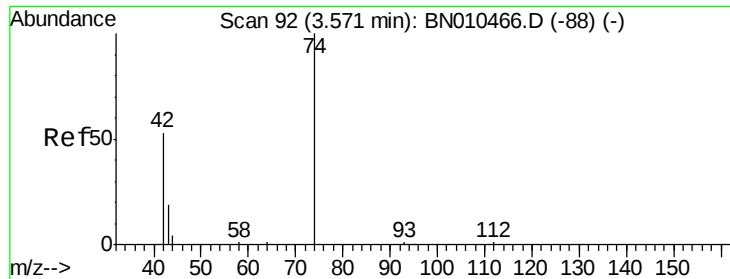


Abundance Ion 88.00 (87.70 to 88.70): BN0

Ion 58.00 (57.70 to 58.70): BN0

Ion 43.00 (42.70 to 43.70): BN0





#3

n-Nitrosodimethylamine

Concen: 0.45 ng

RT: 3.55 min Scan# 89

Delta R.T. -0.03 min

Lab File: BN010695.D

Acq: 12 May 2020 11:57

Instrument :

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ClientSampleId :

PB128768BS

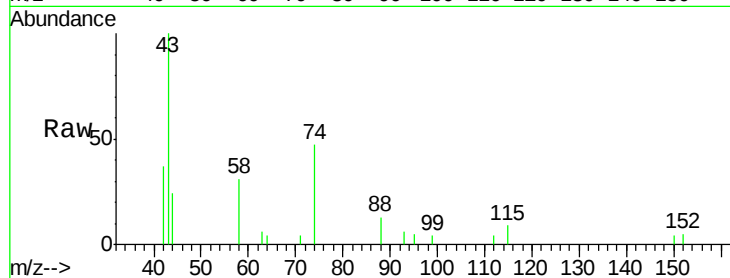
Tgt Ion: 42 Resp: 944

Ion Ratio Lower Upper

42 100

74 187.1 162.2 243.4

44 8.6 2.4 3.6#

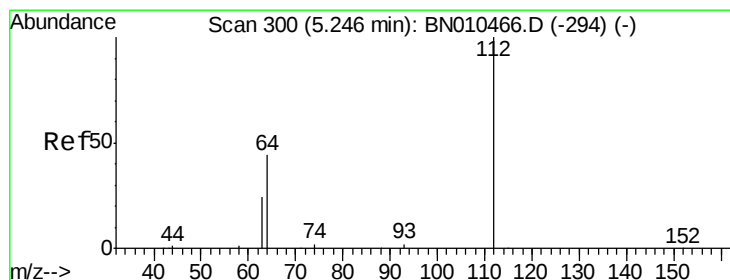
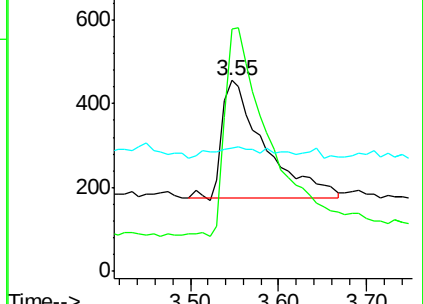
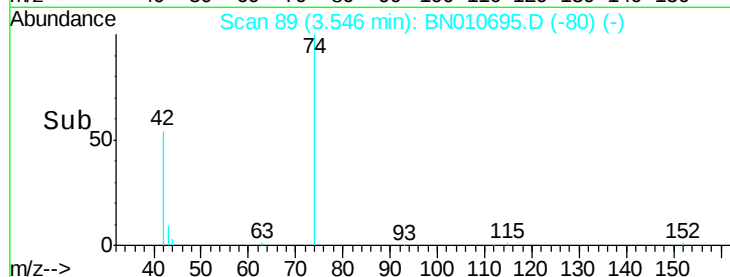


Abundance Ion 42.00 (41.70 to 42.70): BN010466.D (-88) (-)

Ion 74.00 (73.70 to 74.70): BN010466.D (-88) (-)

Ion 44.00 (43.70 to 44.70): BN010466.D (-88) (-)

Time-->



#4

2-Fluorophenol

Concen: 0.27 ng

RT: 5.23 min Scan# 298

Delta R.T. 0.01 min

Lab File: BN010695.D

Acq: 12 May 2020 11:57

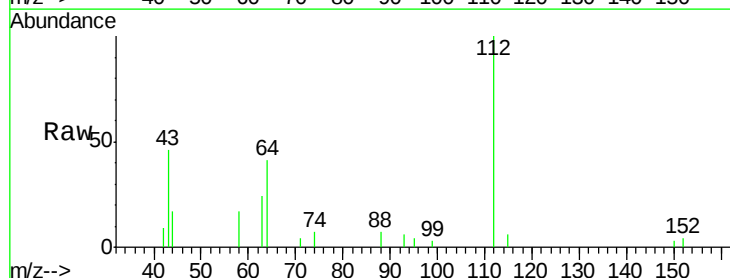
Tgt Ion: 112 Resp: 2638

Ion Ratio Lower Upper

112 100

64 44.8 35.8 53.8

63 24.9 19.9 29.9

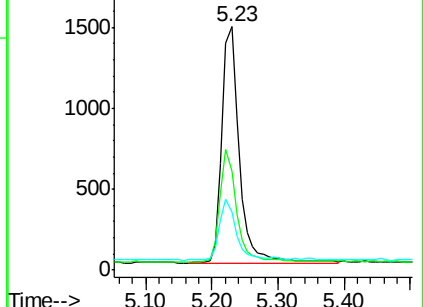
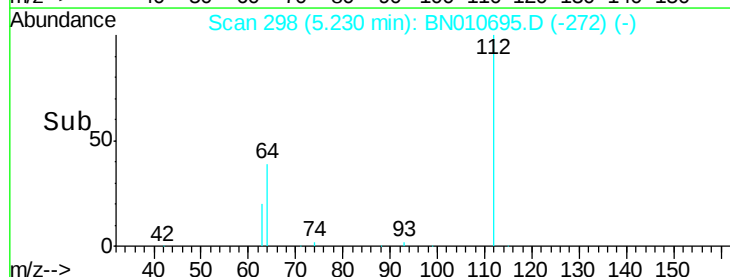


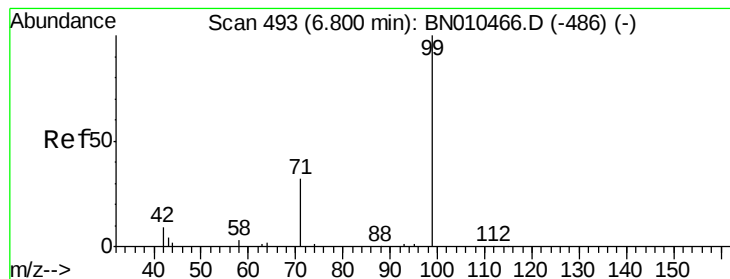
Abundance Ion 112.00 (111.70 to 112.70): BN010466.D (-294) (-)

Ion 64.00 (63.70 to 64.70): BN010466.D (-294) (-)

Ion 63.00 (62.70 to 63.70): BN010466.D (-294) (-)

Time-->





#5

Phenol-d6

Concen: 0.25 ng

RT: 6.78 min Scan# 490

Delta R.T. 0.00 min

Lab File: BN010695.D

Acq: 12 May 2020 11:57

Instrument :

BNA_N

ClientSampleId :

PB128768BS

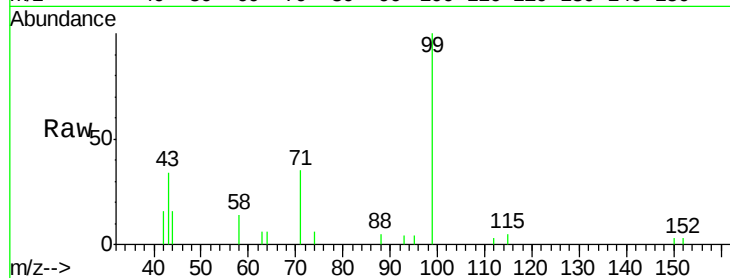
Tgt Ion: 99 Resp: 3149

Ion Ratio Lower Upper

99 100

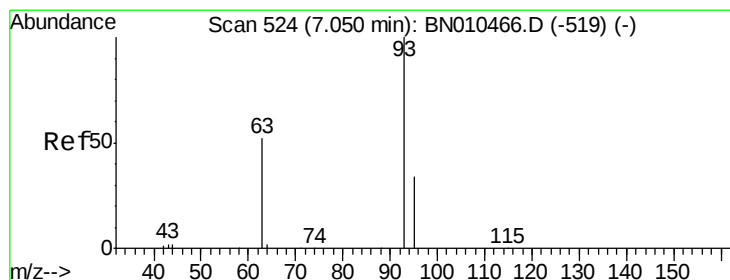
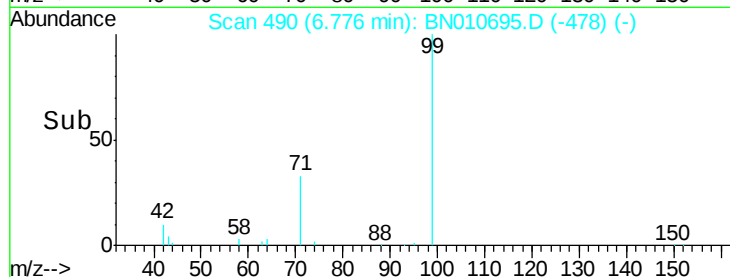
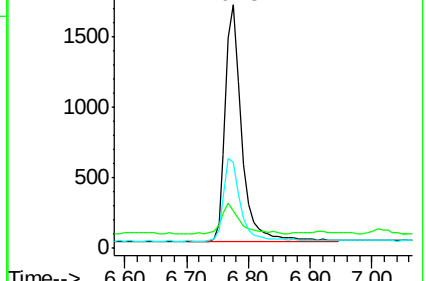
42 13.5 9.8 14.6

71 35.3 27.8 41.8



Abundance Ion 99.00 (98.70 to 99.70): BN010466.D (-486) (-)

6.78



#6

bis(2-Chloroethyl)ether

Concen: 0.39 ng

RT: 7.02 min Scan# 520

Delta R.T. 0.00 min

Lab File: BN010695.D

Acq: 12 May 2020 11:57

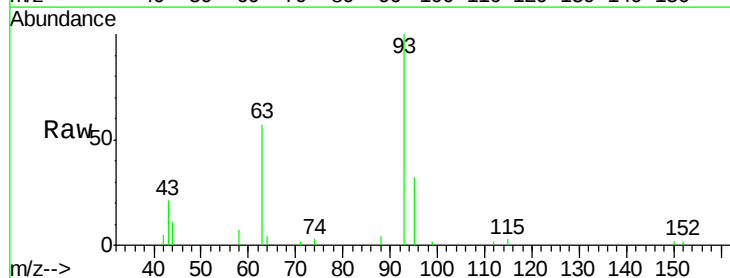
Tgt Ion: 93 Resp: 4300

Ion Ratio Lower Upper

93 100

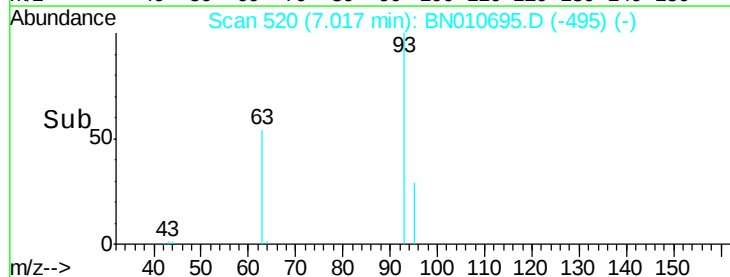
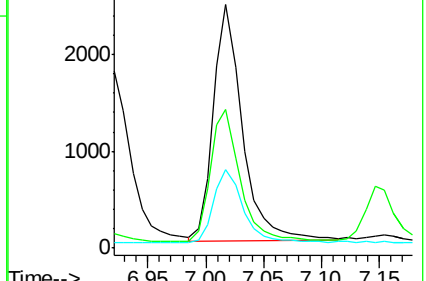
63 57.4 44.6 66.8

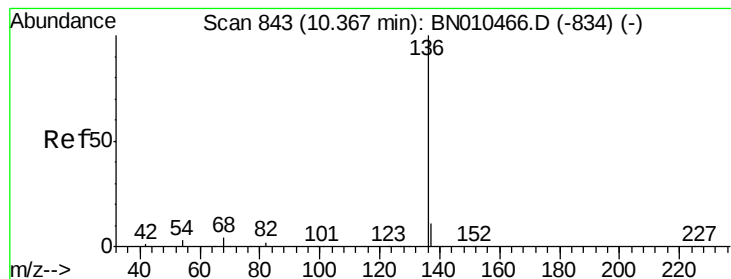
95 32.2 26.5 39.7



Abundance Ion 93.00 (92.70 to 93.70): BN010466.D (-519) (-)

7.02





#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.33 min Scan# 840

Delta R.T. 0.00 min

Lab File: BN010695.D

Acq: 12 May 2020 11:57

Instrument :

BNA_N

ClientSampleId :

PB128768BS

Tgt Ion:136 Resp: 17459

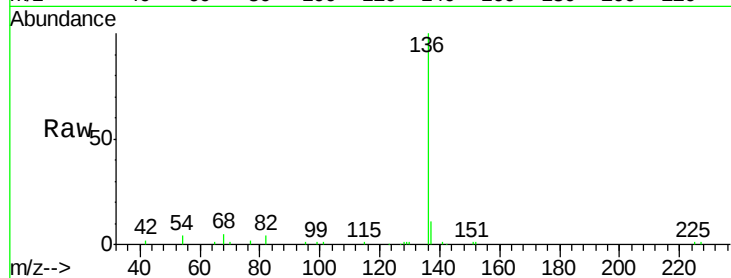
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 4.0 2.6 4.0#

68 5.0 3.4 5.2

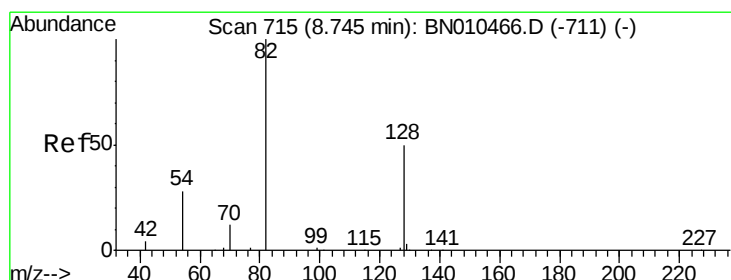
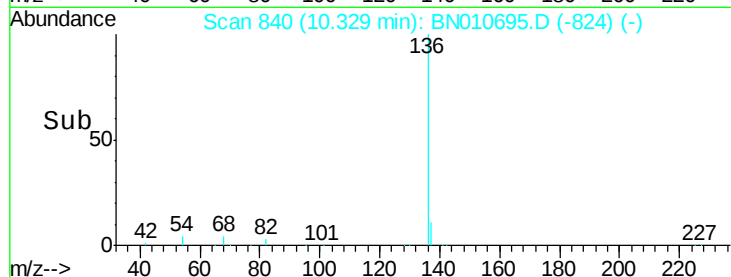
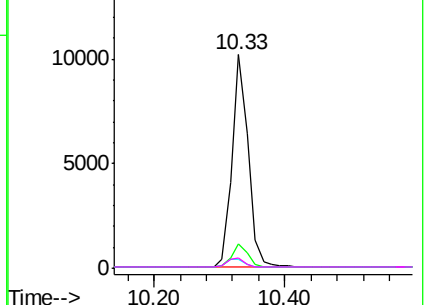


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.28 ng

RT: 8.71 min Scan# 712

Delta R.T. -0.01 min

Lab File: BN010695.D

Acq: 12 May 2020 11:57

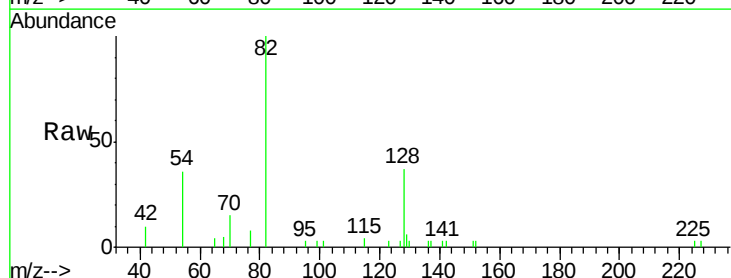
Tgt Ion: 82 Resp: 3449

Ion Ratio Lower Upper

82 100

128 37.3 41.3 61.9#

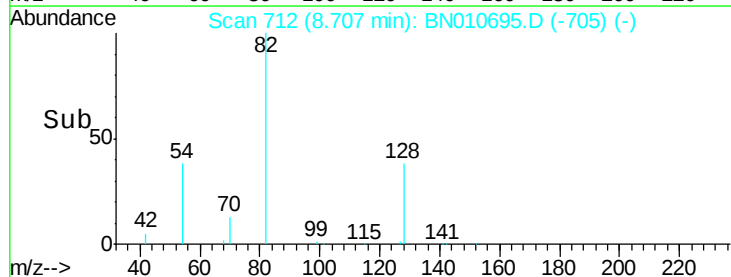
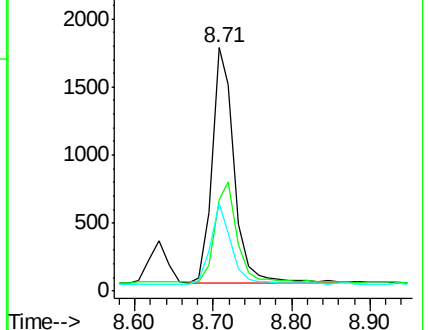
54 35.9 23.4 35.0#

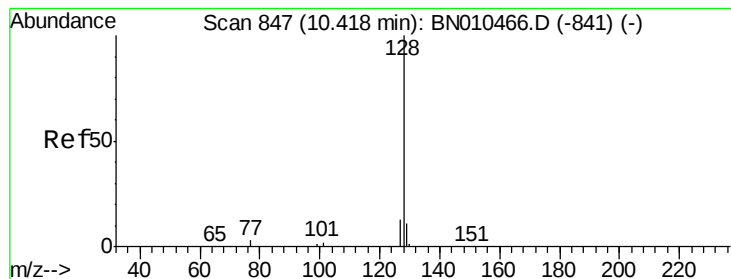


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.39 ng

RT: 10.38 min Scan# 844

Delta R.T. 0.00 min

Lab File: BN010695.D

Acq: 12 May 2020 11:57

Instrument :

BNA_N

ClientSampleId :

PB128768BS

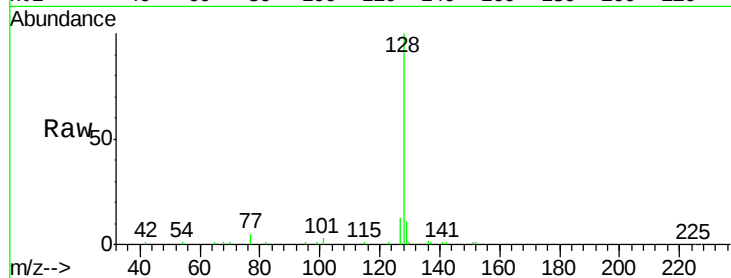
Tgt Ion:128 Resp: 16770

Ion Ratio Lower Upper

128 100

129 11.5 9.3 13.9

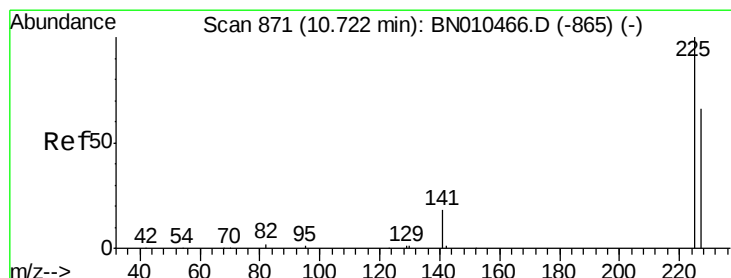
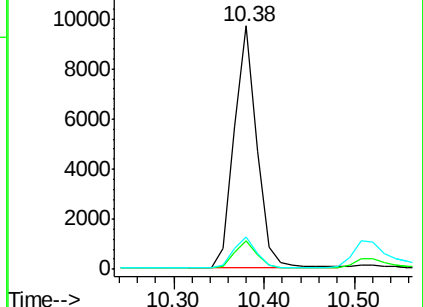
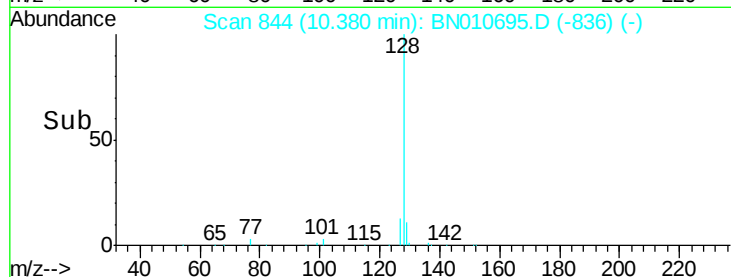
127 13.4 10.5 15.7



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: 0.35 ng

RT: 10.68 min Scan# 868

Delta R.T. 0.00 min

Lab File: BN010695.D

Acq: 12 May 2020 11:57

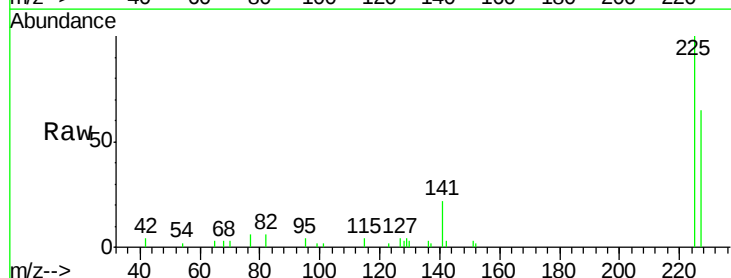
Tgt Ion:225 Resp: 3655

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

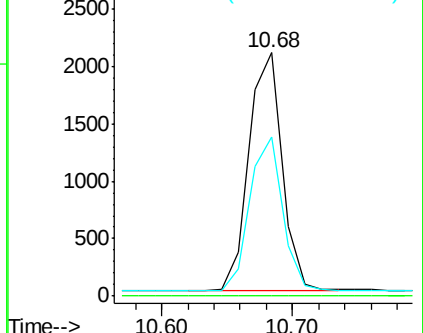
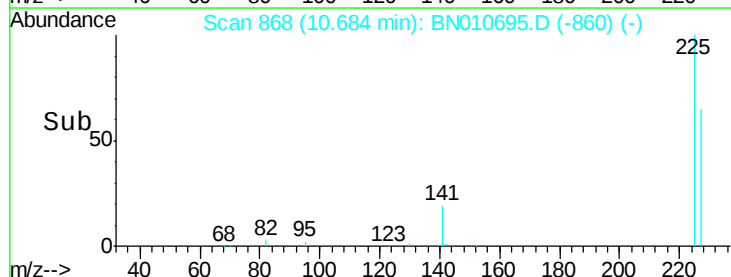
227 63.9 50.6 76.0

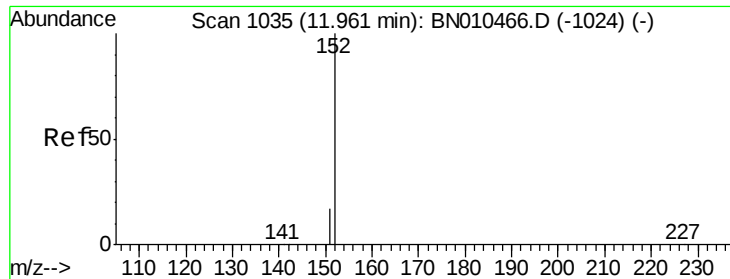


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

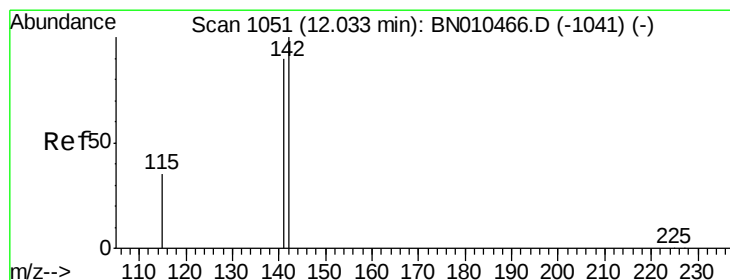
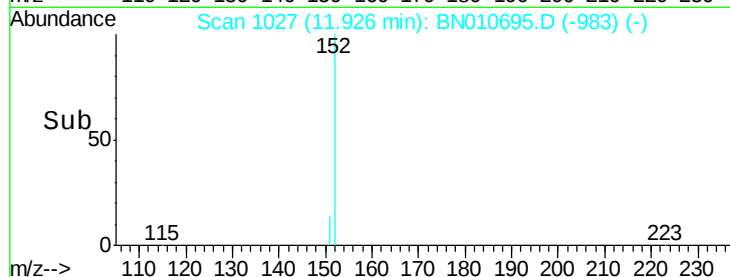
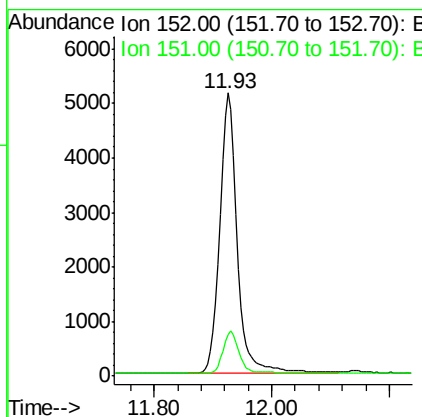
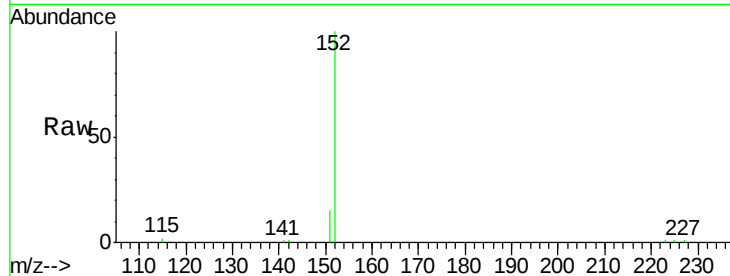




#11
 2-Methylnaphthalene-d10
 Concen: 0.38 ng
 RT: 11.93 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BN010695.D
 Acq: 12 May 2020 11:57

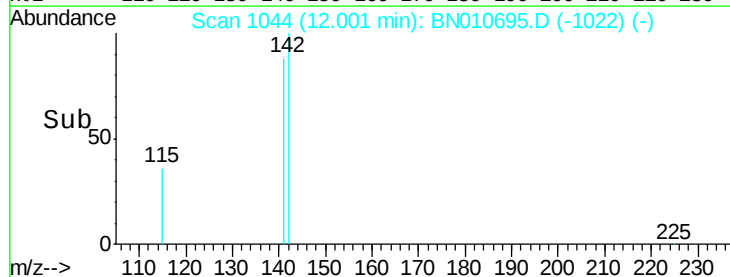
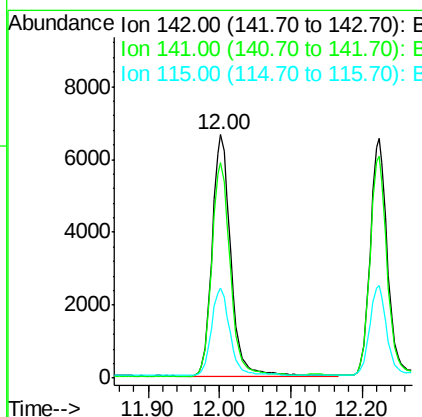
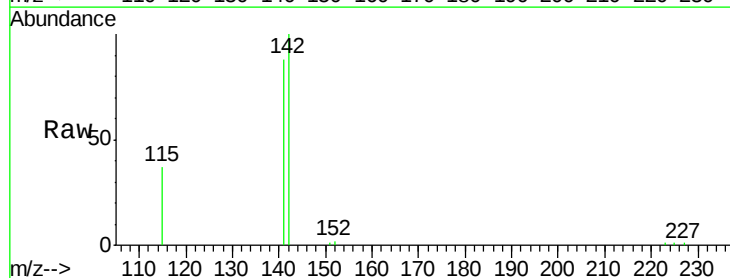
Instrument :
 BNA_N
 ClientSampleId :
 PB128768BS

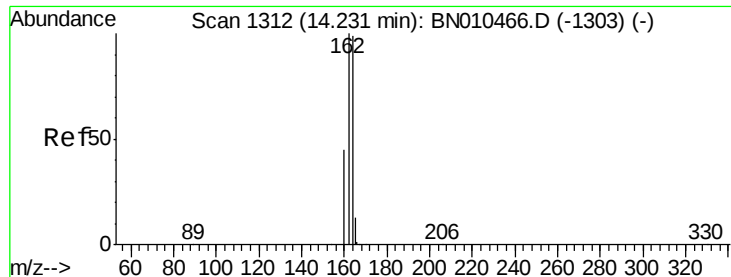
Tgt Ion:152 Resp: 10843
 Ion Ratio Lower Upper
 152 100
 151 14.1 15.3 22.9#



#12
 2-Methylnaphthalene
 Concen: 0.39 ng
 RT: 12.00 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: BN010695.D
 Acq: 12 May 2020 11:57

Tgt Ion:142 Resp: 12003
 Ion Ratio Lower Upper
 142 100
 141 88.4 71.9 107.9
 115 36.9 28.8 43.2





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.20 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BN010695.D

Acq: 12 May 2020 11:57

Instrument :

BNA_N

ClientSampleId :

PB128768BS

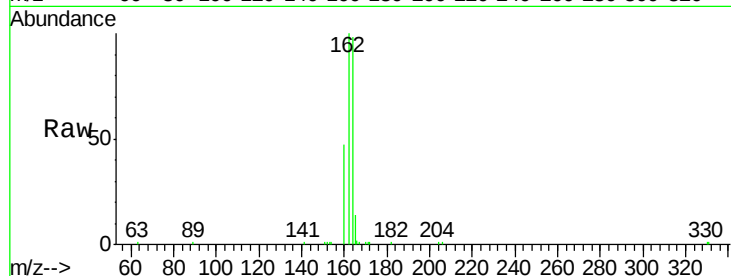
Tgt Ion:164 Resp: 10840

Ion Ratio Lower Upper

164 100

162 102.0 80.6 121.0

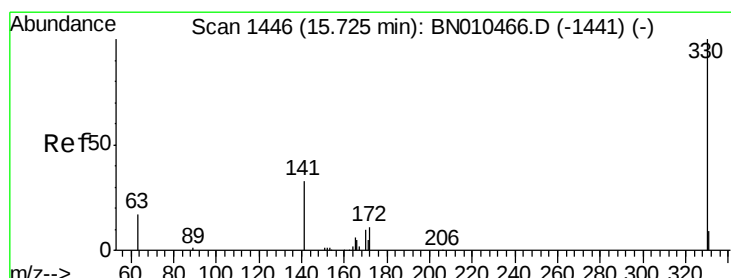
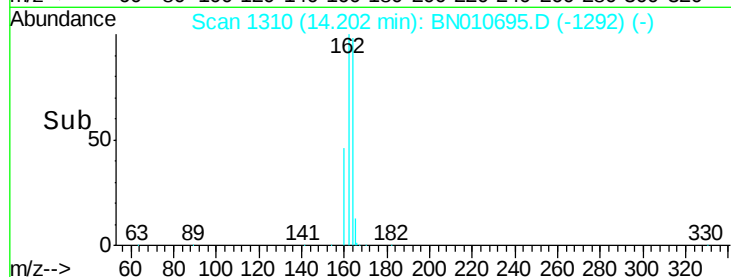
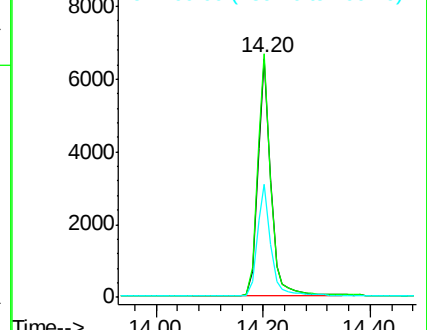
160 47.5 36.5 54.7



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: 0.18 ng

RT: 15.71 min Scan# 1445

Delta R.T. 0.00 min

Lab File: BN010695.D

Acq: 12 May 2020 11:57

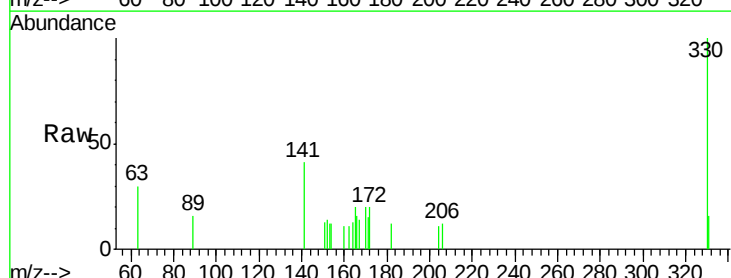
Tgt Ion:330 Resp: 905

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

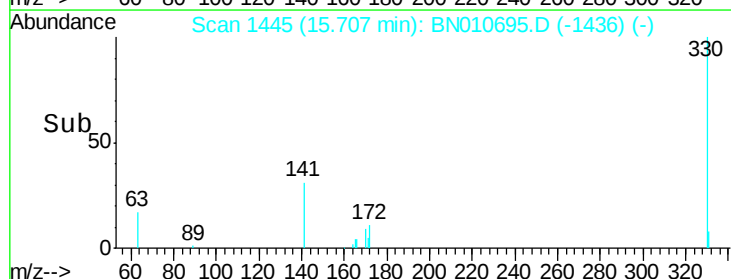
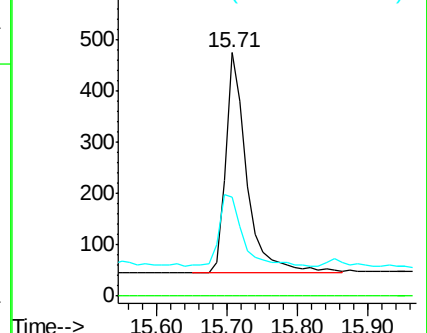
141 36.6 28.1 42.1

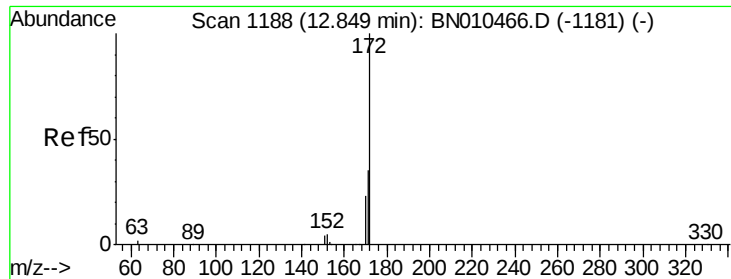


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

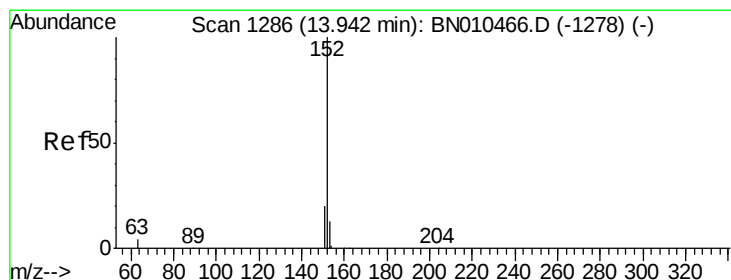
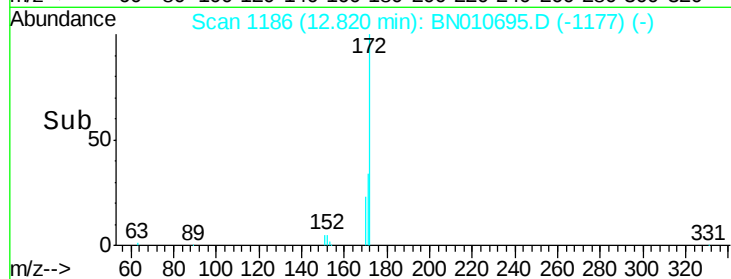
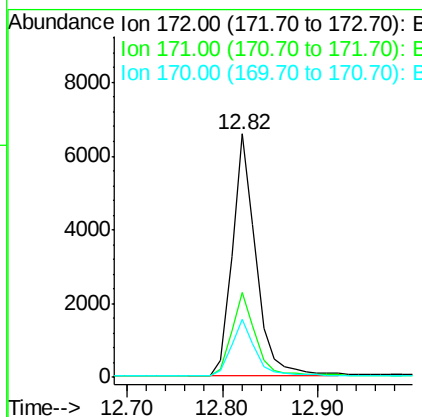
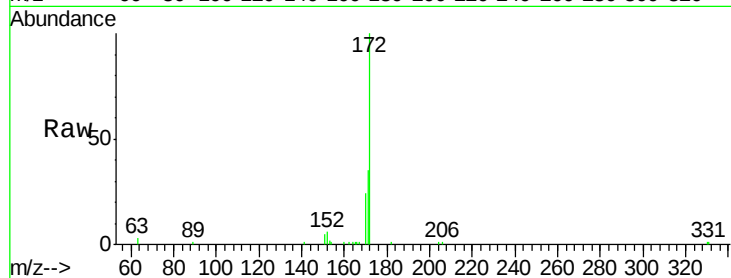




#15
2-Fluorobiphenyl
Concen: 0.28 ng
RT: 12.82 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BN010695.D
Acq: 12 May 2020 11:57

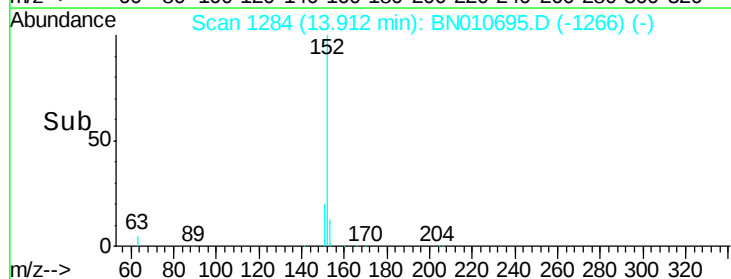
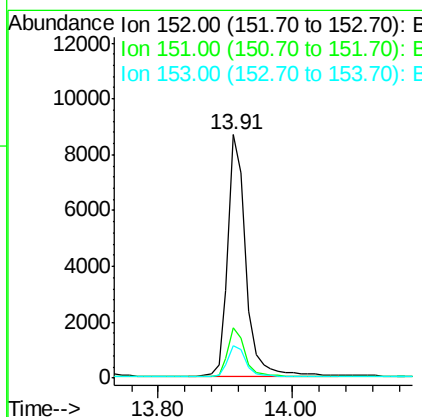
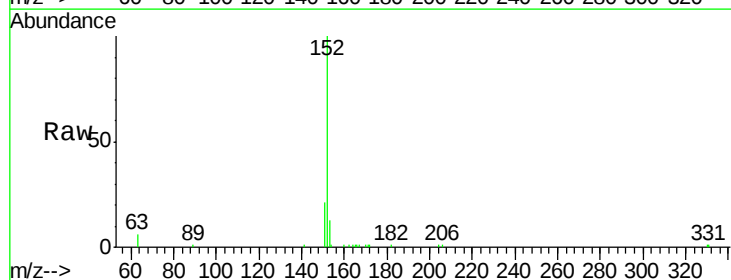
Instrument :
BNA_N
ClientSampleId :
PB128768BS

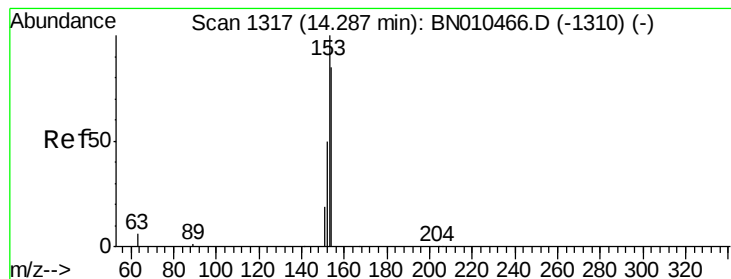
Tgt Ion:172 Resp: 11186
Ion Ratio Lower Upper
172 100
171 34.9 28.2 42.2
170 23.8 18.4 27.6



#16
Acenaphthylene
Concen: 0.35 ng
RT: 13.91 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BN010695.D
Acq: 12 May 2020 11:57

Tgt Ion:152 Resp: 16240
Ion Ratio Lower Upper
152 100
151 19.4 15.7 23.5
153 13.0 10.6 15.8





#17

Acenaphthene

Concen: 0.37 ng

RT: 14.26 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BN010695.D

Acq: 12 May 2020 11:57

Instrument :

BNA_N

ClientSampleId :

PB128768BS

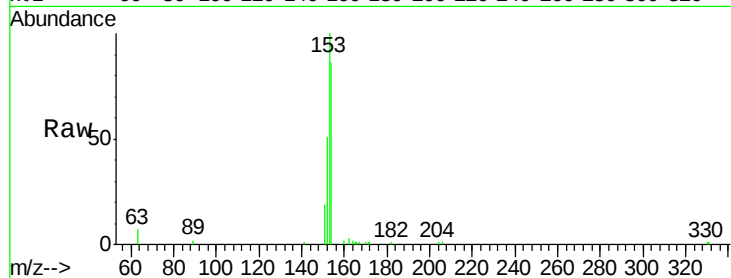
Tgt Ion:154 Resp: 11117

Ion Ratio Lower Upper

154 100

153 113.7 91.0 136.4

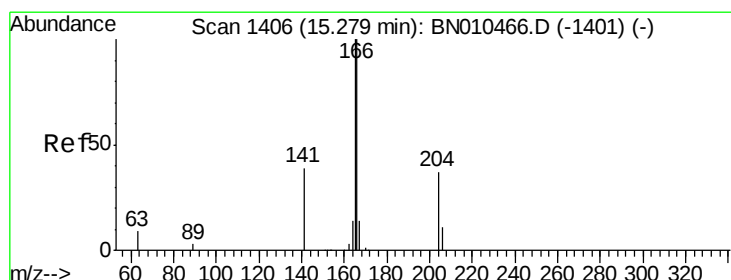
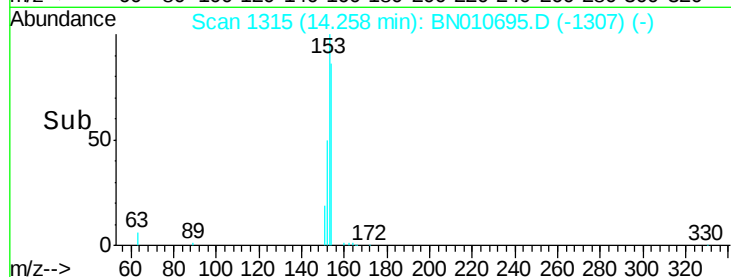
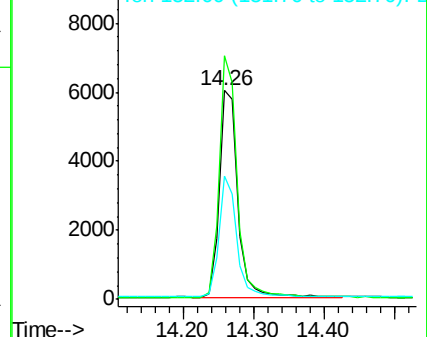
152 56.2 44.6 67.0



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: 0.36 ng

RT: 15.26 min Scan# 1405

Delta R.T. 0.00 min

Lab File: BN010695.D

Acq: 12 May 2020 11:57

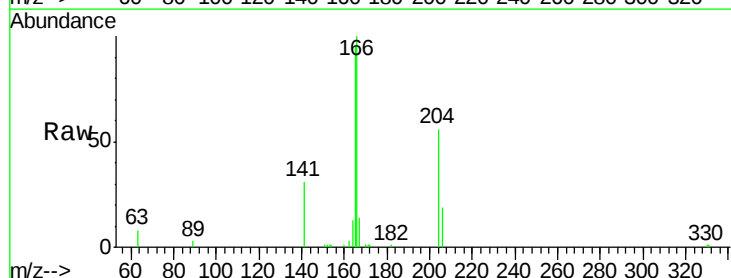
Tgt Ion:166 Resp: 14217

Ion Ratio Lower Upper

166 100

165 98.0 78.4 117.6

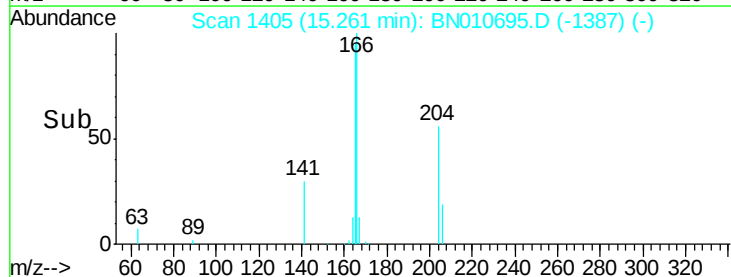
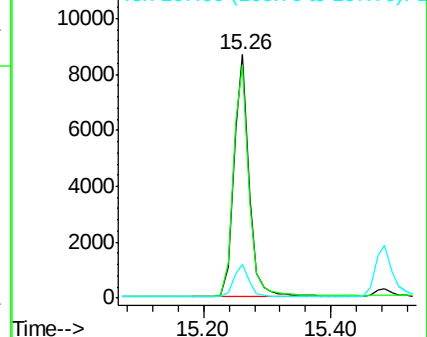
167 13.5 10.9 16.3

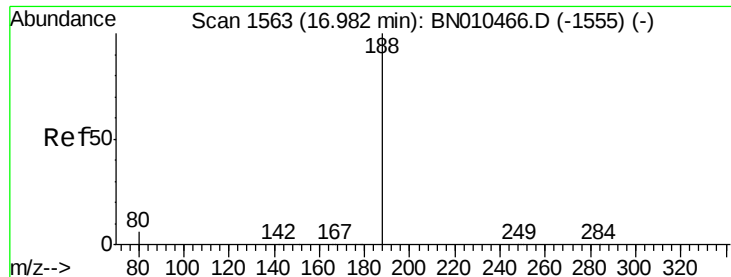


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN010695.D

Acq: 12 May 2020 11:57

Instrument :

BNA_N

ClientSampleId :

PB128768BS

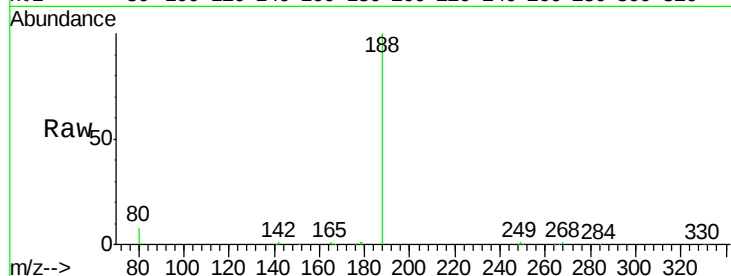
Tgt Ion:188 Resp: 23087

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

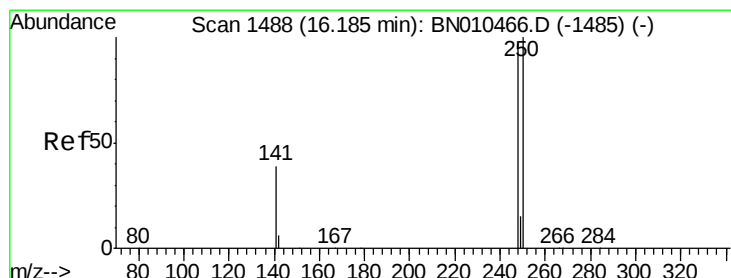
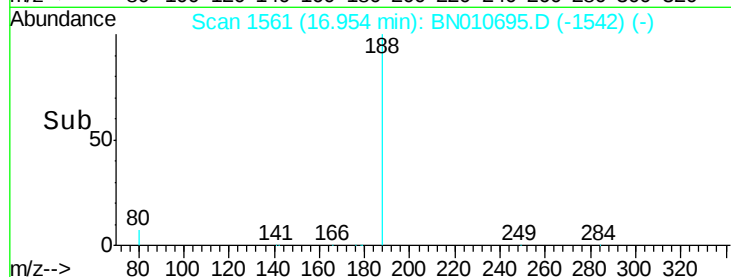
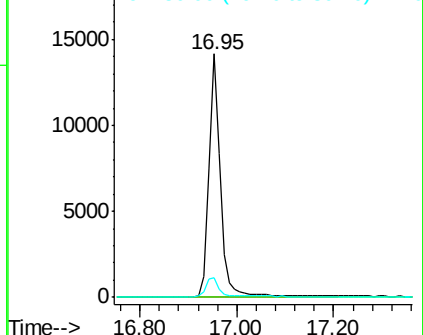
80 7.9 5.0 7.6#



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: 0.34 ng

RT: 16.16 min Scan# 1486

Delta R.T. 0.00 min

Lab File: BN010695.D

Acq: 12 May 2020 11:57

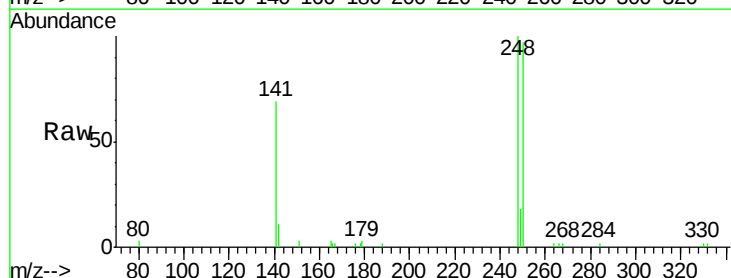
Tgt Ion:248 Resp: 4367

Ion Ratio Lower Upper

248 100

250 97.3 82.3 123.5

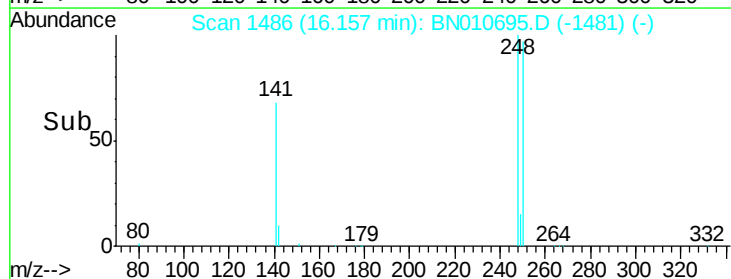
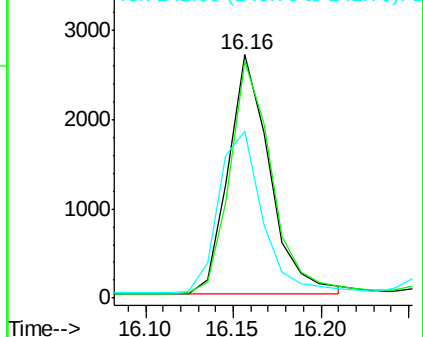
141 68.7 35.2 52.8#

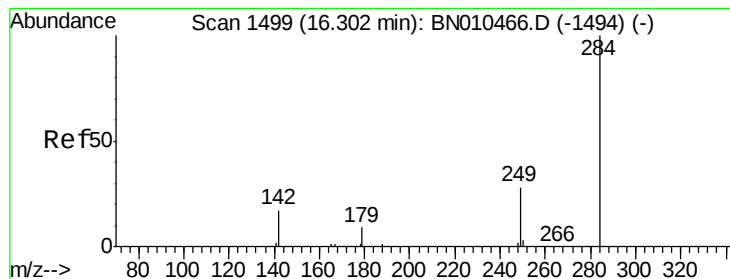


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.38 ng

RT: 16.27 min Scan# 1497

Delta R.T. 0.00 min

Lab File: BN010695.D

Acq: 12 May 2020 11:57

Instrument :

BNA_N

ClientSampleId :

PB128768BS

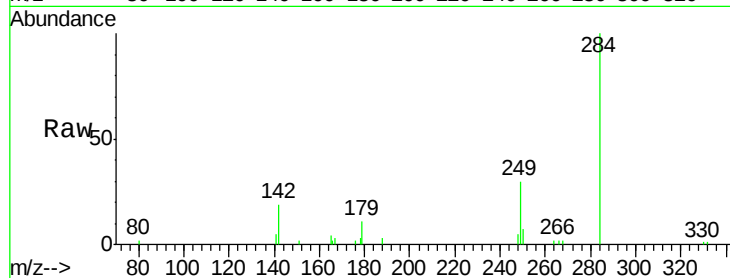
Tgt Ion:284 Resp: 5557

Ion Ratio Lower Upper

284 100

142 33.6 25.5 38.3

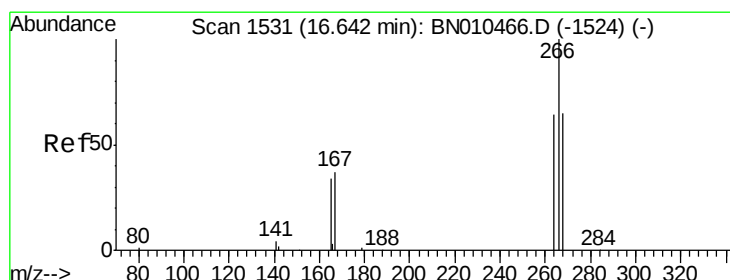
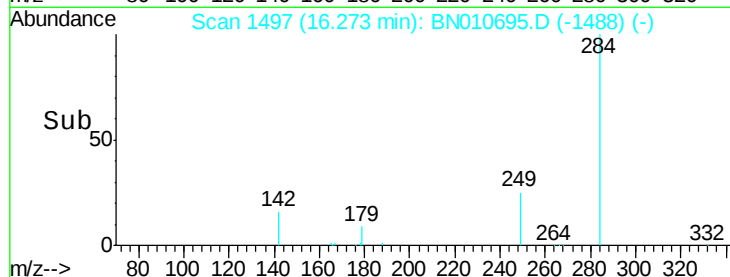
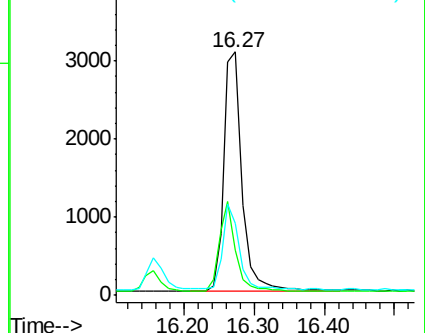
249 32.9 25.8 38.6



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: 0.56 ng

RT: 16.62 min Scan# 1530

Delta R.T. 0.00 min

Lab File: BN010695.D

Acq: 12 May 2020 11:57

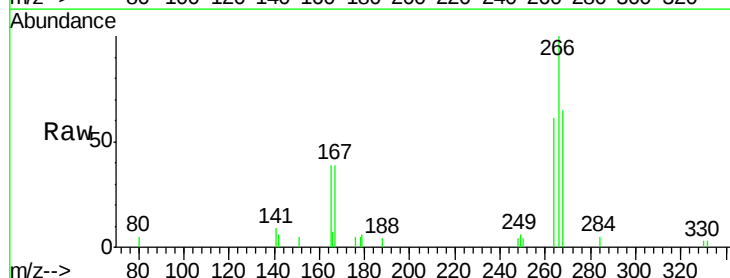
Tgt Ion:266 Resp: 3221

Ion Ratio Lower Upper

266 100

264 60.9 51.8 77.6

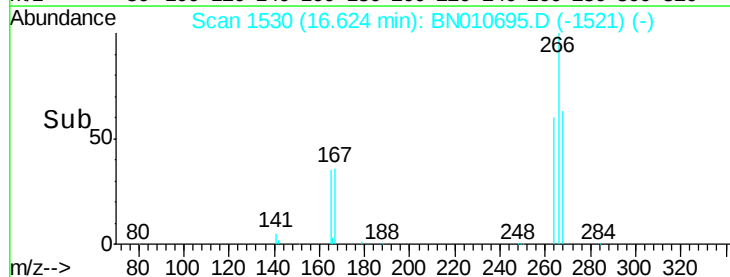
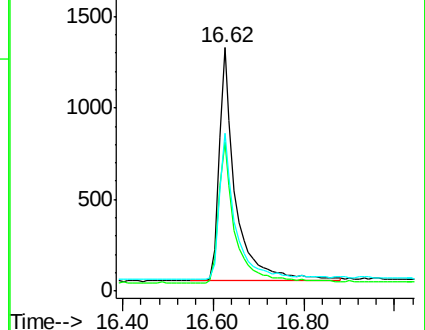
268 65.0 53.7 80.5

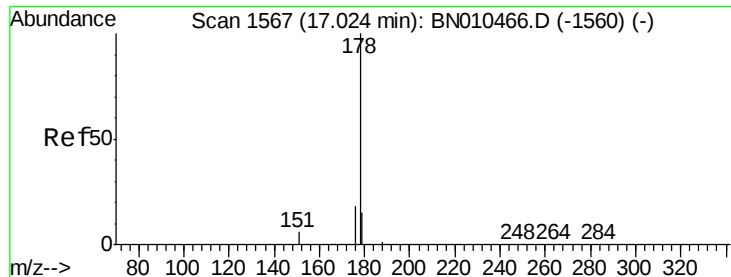


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.36 ng

RT: 17.00 min Scan# 1565

Delta R.T. 0.00 min

Lab File: BN010695.D

Acq: 12 May 2020 11:57

Instrument :

BNA_N

ClientSampleId :

PB128768BS

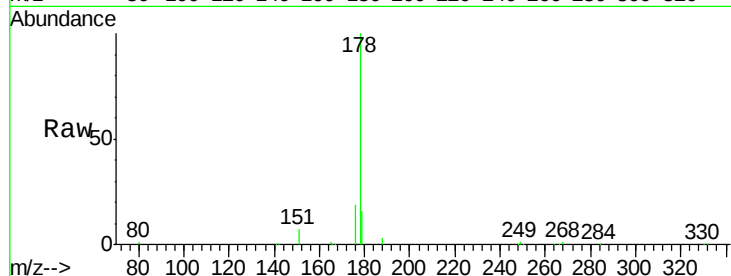
Tgt Ion:178 Resp: 22275

Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.4

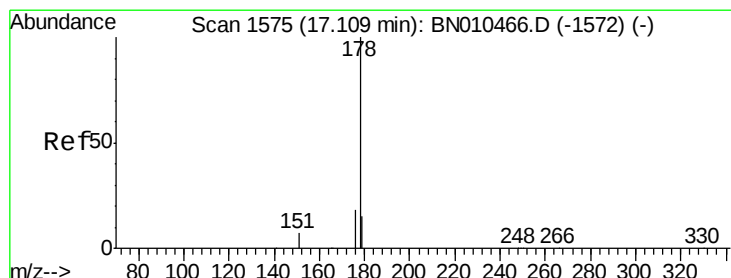
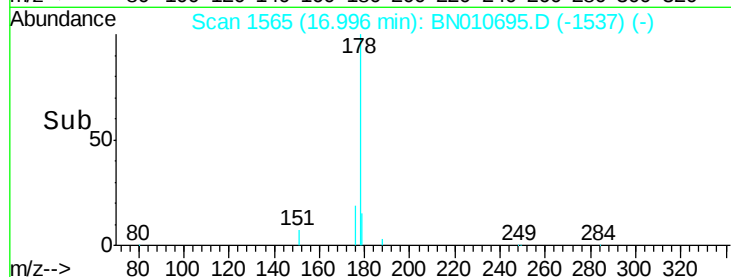
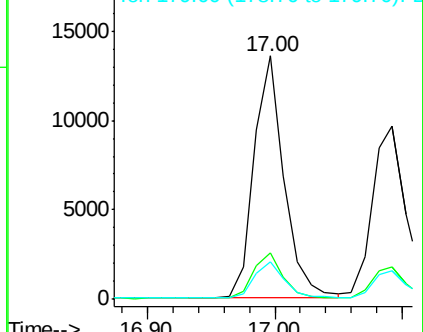
179 15.5 12.6 18.8



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: 0.32 ng

RT: 17.09 min Scan# 1574

Delta R.T. 0.00 min

Lab File: BN010695.D

Acq: 12 May 2020 11:57

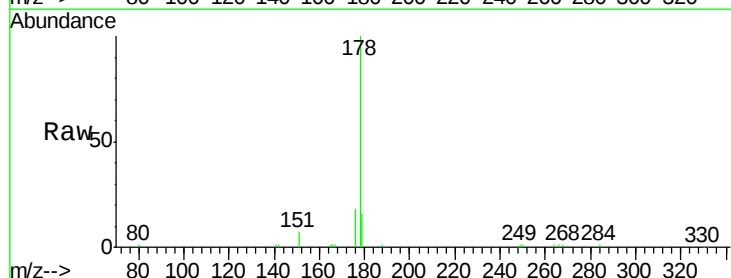
Tgt Ion:178 Resp: 18470

Ion Ratio Lower Upper

178 100

176 18.1 14.6 21.8

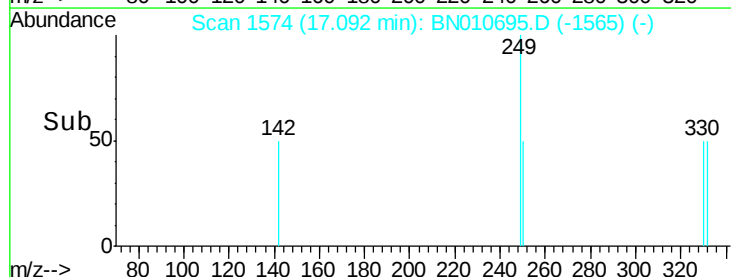
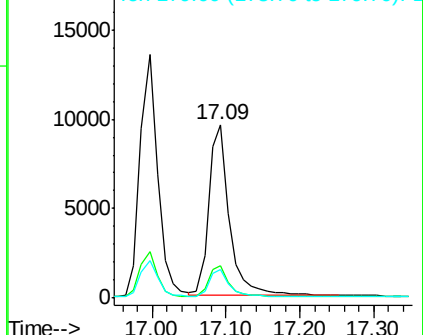
179 15.5 12.2 18.2

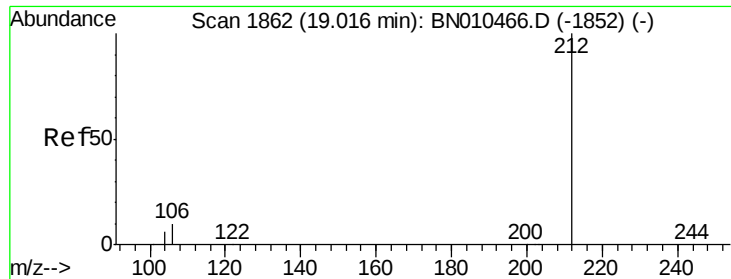


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.22 ng

RT: 18.99 min Scan# 1859

Delta R.T. 0.00 min

Lab File: BN010695.D

Acq: 12 May 2020 11:57

Instrument :

BNA_N

ClientSampleId :

PB128768BS

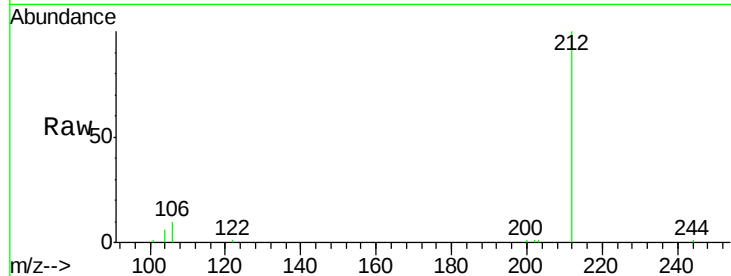
Tgt Ion:212 Resp: 15269

Ion Ratio Lower Upper

212 100

106 10.1 7.8 11.6

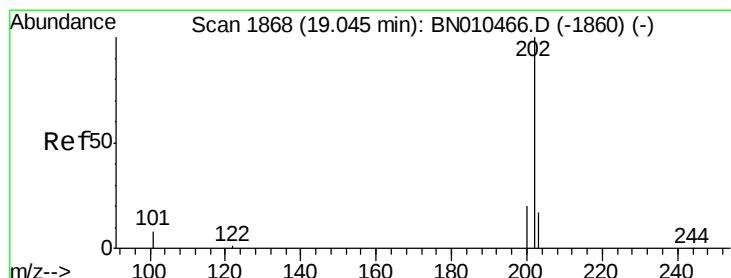
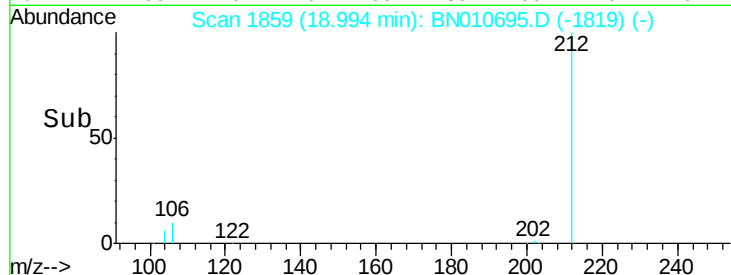
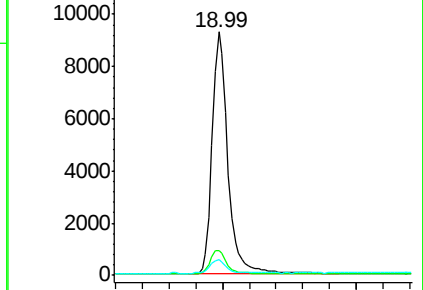
104 5.9 4.5 6.7



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: 0.31 ng

RT: 19.02 min Scan# 1865

Delta R.T. 0.00 min

Lab File: BN010695.D

Acq: 12 May 2020 11:57

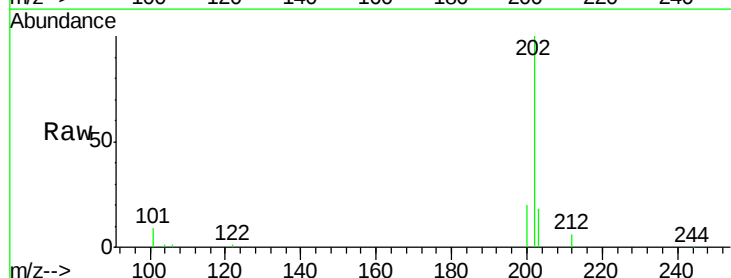
Tgt Ion:202 Resp: 24204

Ion Ratio Lower Upper

202 100

101 8.5 6.9 10.3

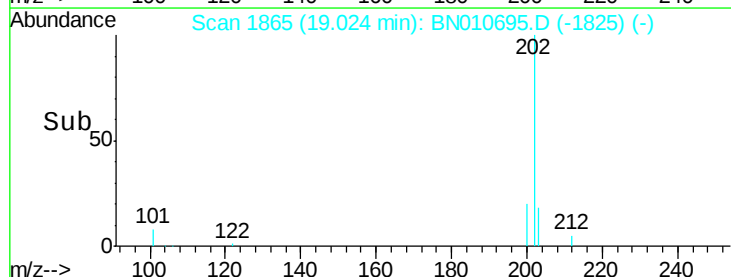
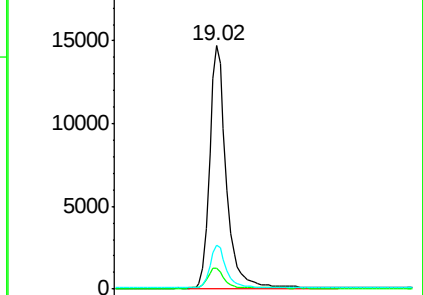
203 17.1 13.9 20.9

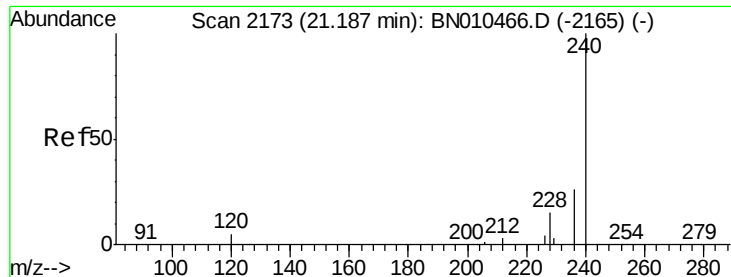


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.16 min Scan# 2172

Delta R.T. 0.00 min

Lab File: BN010695.D

Acq: 12 May 2020 11:57

Instrument :

BNA_N

ClientSampleId :

PB128768BS

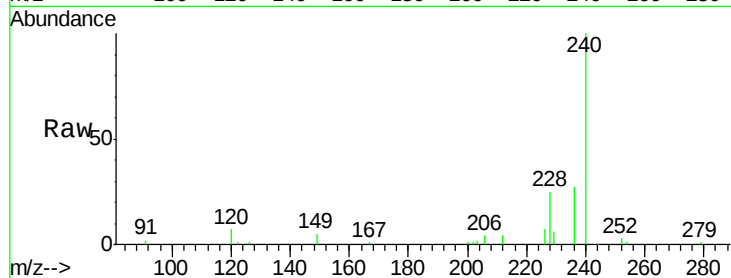
Tgt Ion:240 Resp: 18751

Ion Ratio Lower Upper

240 100

120 6.5 4.8 7.2

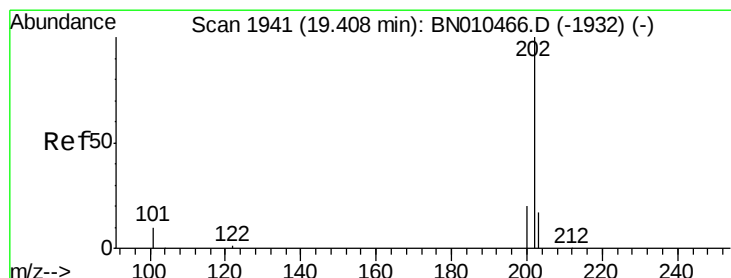
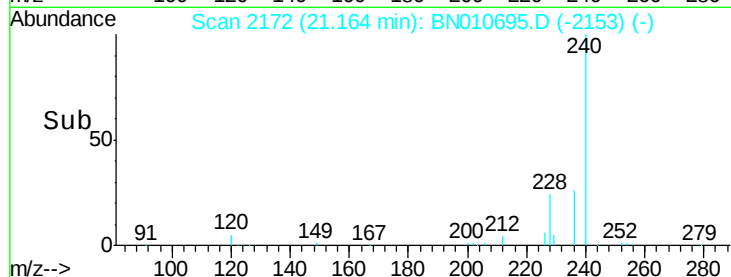
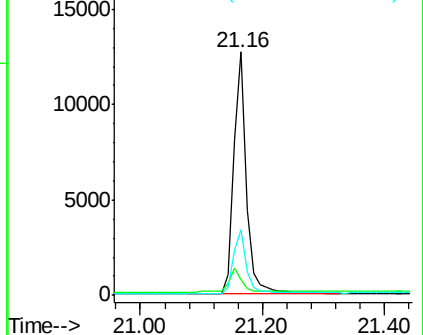
236 26.8 21.4 32.0



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: 0.38 ng

RT: 19.39 min Scan# 1938

Delta R.T. 0.00 min

Lab File: BN010695.D

Acq: 12 May 2020 11:57

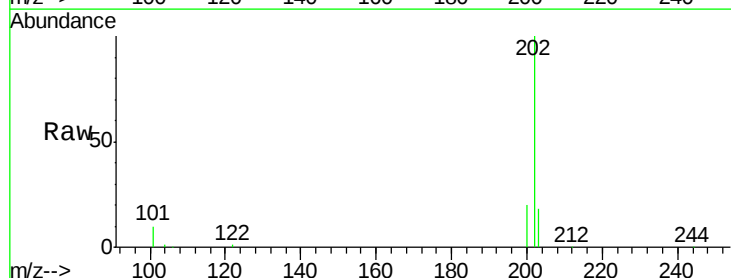
Tgt Ion:202 Resp: 24012

Ion Ratio Lower Upper

202 100

200 20.4 16.3 24.5

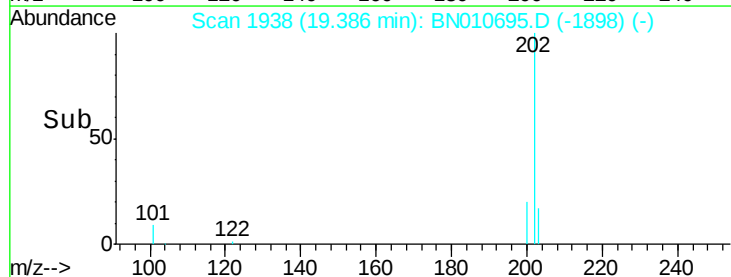
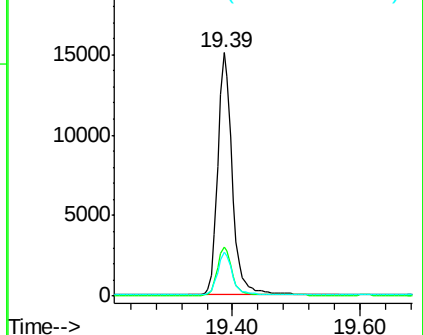
203 18.3 14.0 21.0

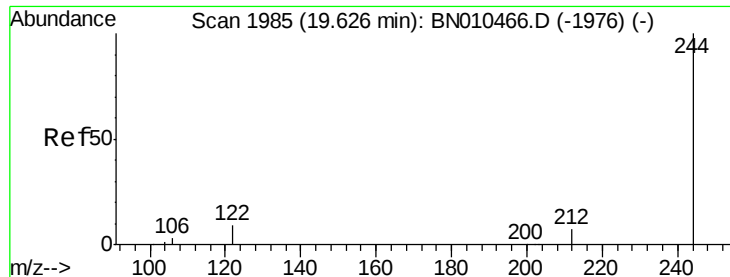


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.27 ng

RT: 19.61 min Scan# 1983

Delta R.T. 0.01 min

Lab File: BN010695.D

Acq: 12 May 2020 11:57

Instrument :

BNA_N

ClientSampleId :

PB128768BS

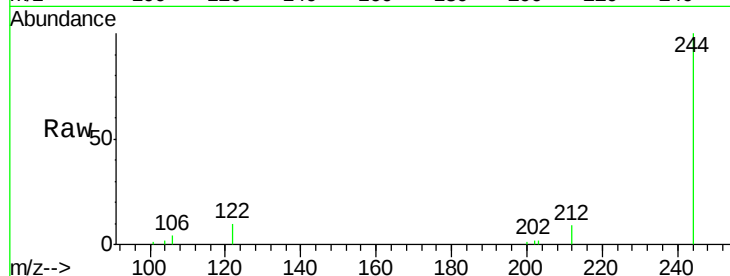
Tgt Ion:244 Resp: 11451

Ion Ratio Lower Upper

244 100

212 8.6 6.2 9.4

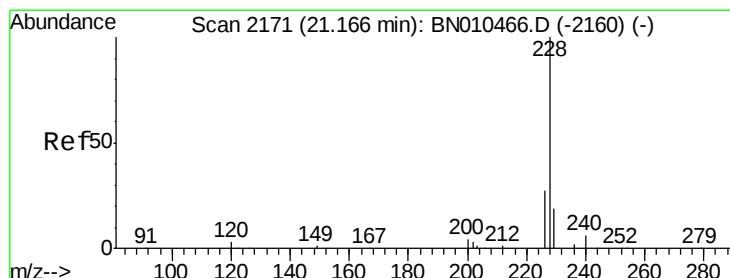
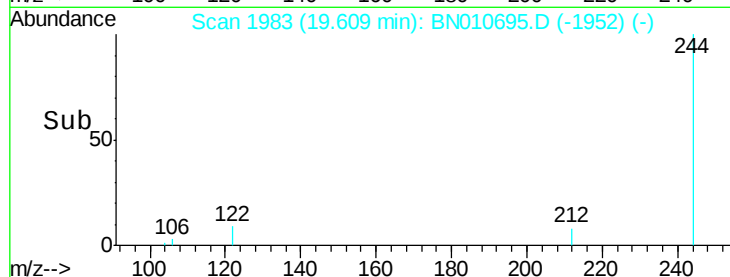
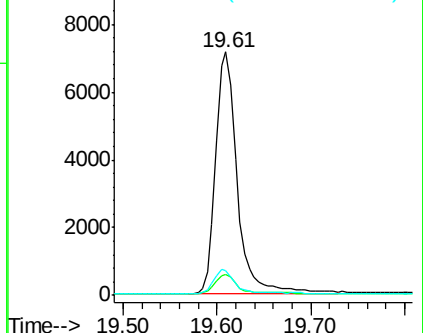
122 10.0 7.8 11.8



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: 0.32 ng

RT: 21.14 min Scan# 2170

Delta R.T. 0.00 min

Lab File: BN010695.D

Acq: 12 May 2020 11:57

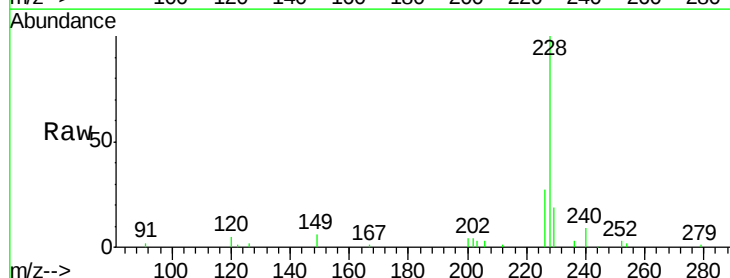
Tgt Ion:228 Resp: 19343

Ion Ratio Lower Upper

228 100

226 27.2 21.7 32.5

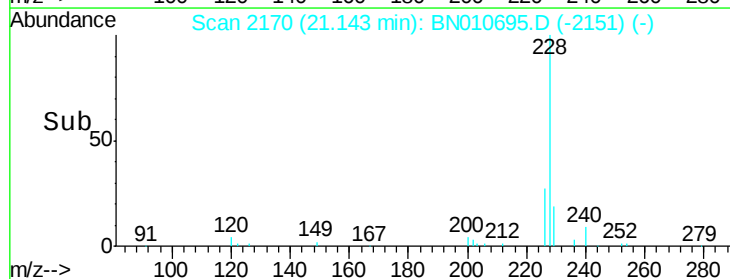
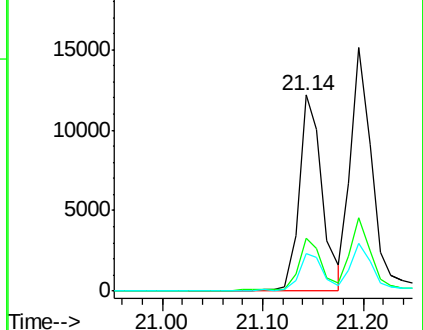
229 19.4 15.6 23.4

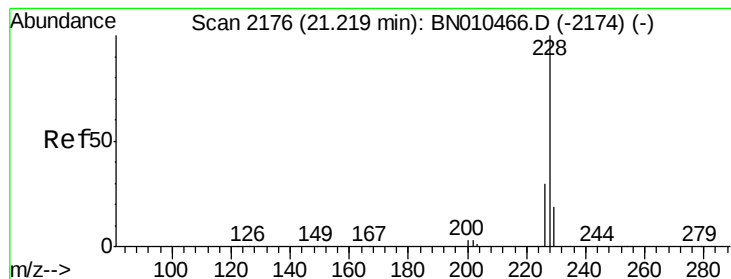


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.36 ng

RT: 21.20 min Scan# 2175

Delta R.T. 0.00 min

Lab File: BN010695.D

Acq: 12 May 2020 11:57

Instrument :

BNA_N

ClientSampleId :

PB128768BS

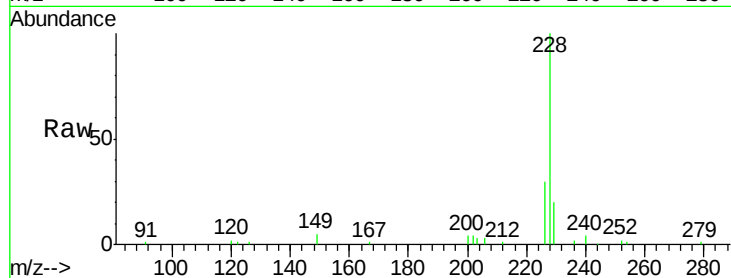
Tgt Ion:228 Resp: 21653

Ion Ratio Lower Upper

228 100

226 29.9 24.0 36.0

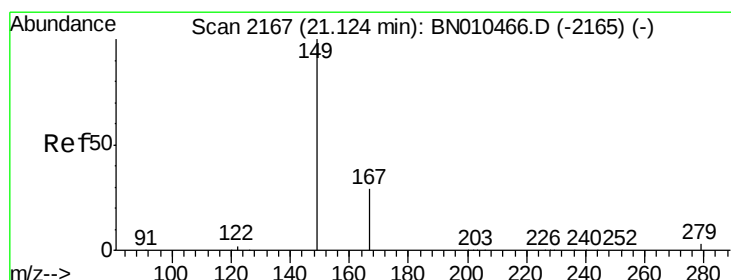
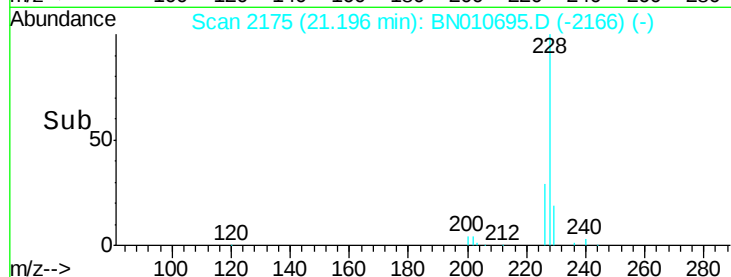
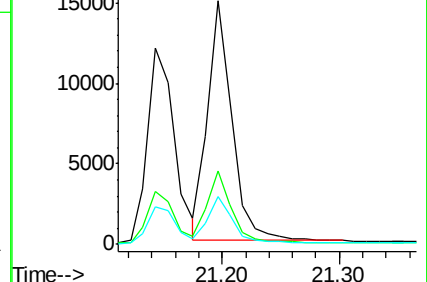
229 19.6 15.8 23.6



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: 0.25 ng

RT: 21.10 min Scan# 2166

Delta R.T. 0.00 min

Lab File: BN010695.D

Acq: 12 May 2020 11:57

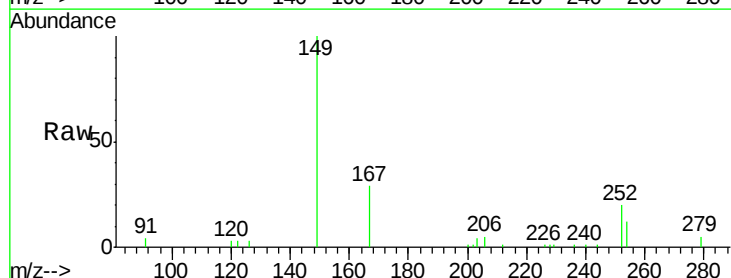
Tgt Ion:149 Resp: 7928

Ion Ratio Lower Upper

149 100

167 28.5 23.4 35.0

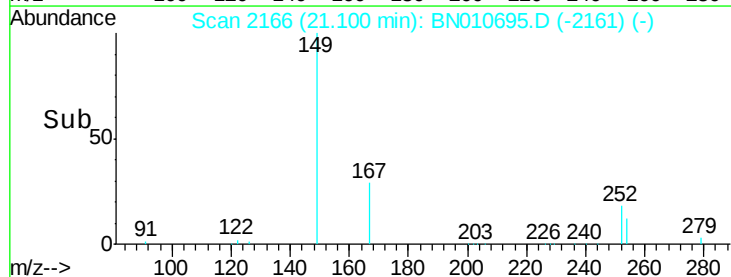
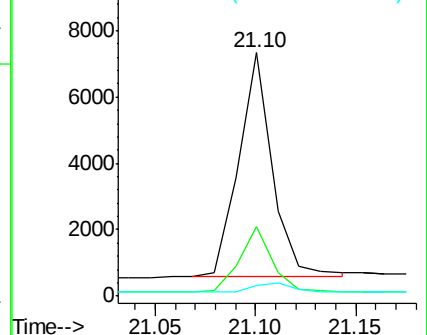
279 4.6 4.0 6.0

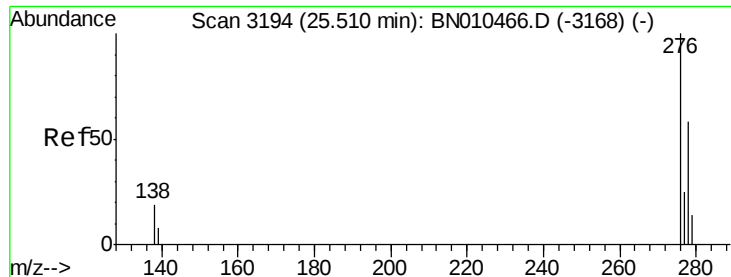


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.35 ng

RT: 25.47 min Scan# 3185

Delta R.T. 0.01 min

Lab File: BN010695.D

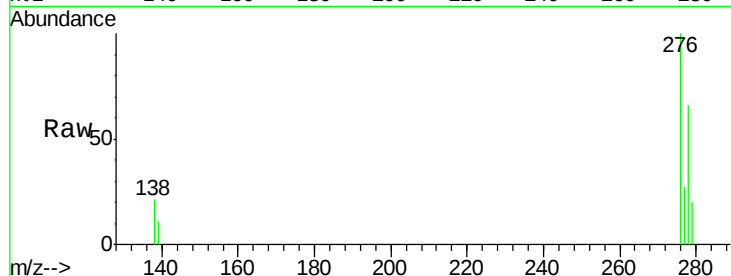
Acq: 12 May 2020 11:57

Instrument :

BNA_N

ClientSampleId :

PB128768BS



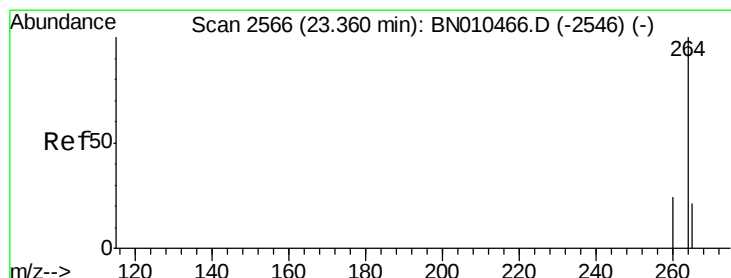
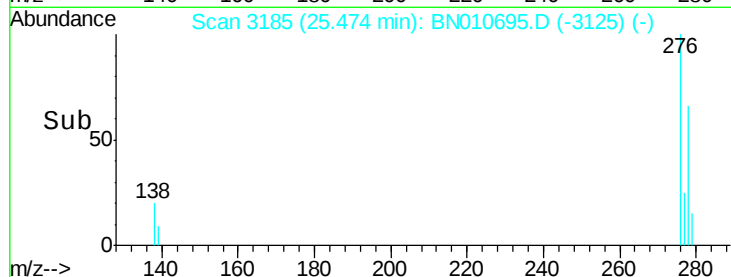
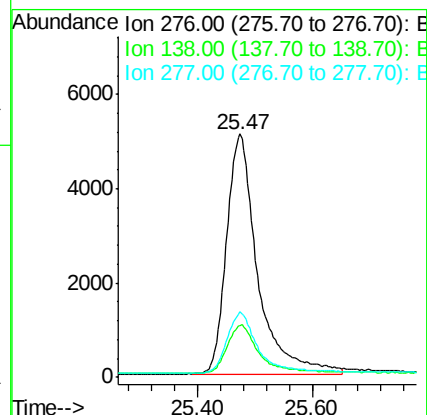
Tgt Ion:276 Resp: 19107

Ion Ratio Lower Upper

276 100

138 19.8 16.4 24.6

277 24.6 19.8 29.6



#34

Perylene-d12

Concen: 0.40 ng

RT: 23.33 min Scan# 2558

Delta R.T. 0.00 min

Lab File: BN010695.D

Acq: 12 May 2020 11:57

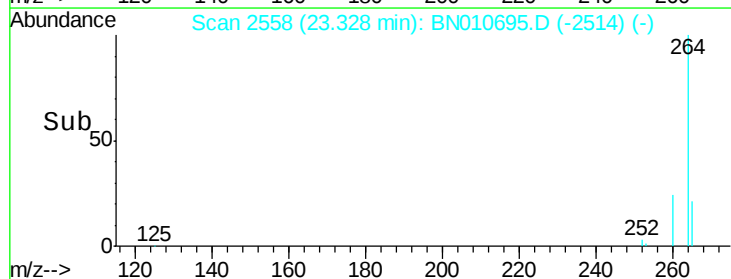
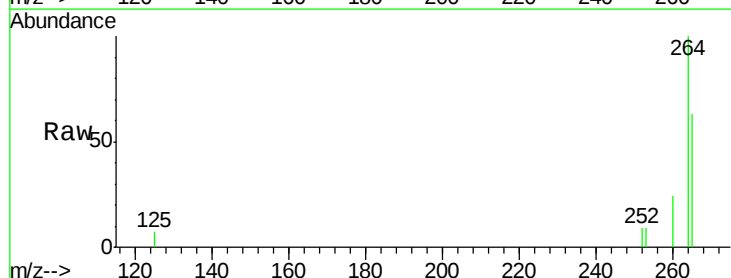
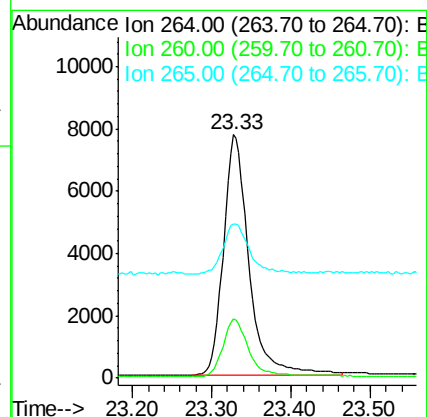
Tgt Ion:264 Resp: 17124

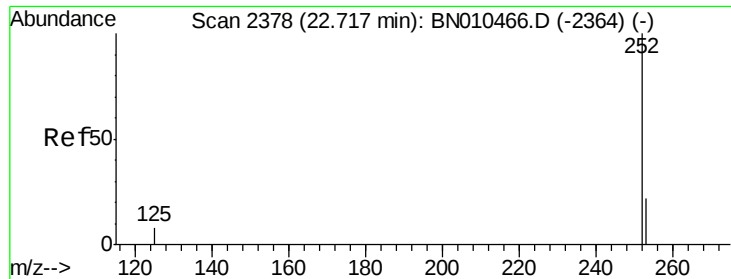
Ion Ratio Lower Upper

264 100

260 24.5 19.8 29.8

265 63.3 42.3 63.5

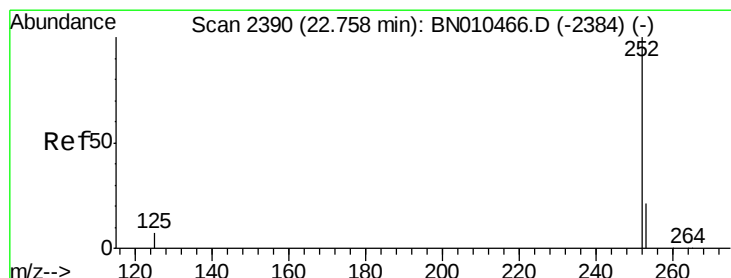
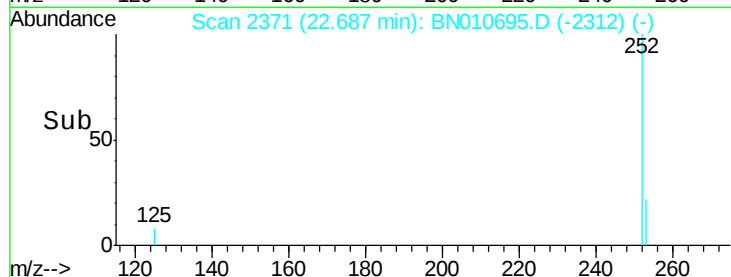
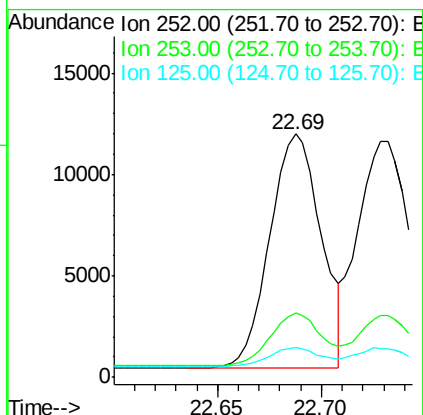
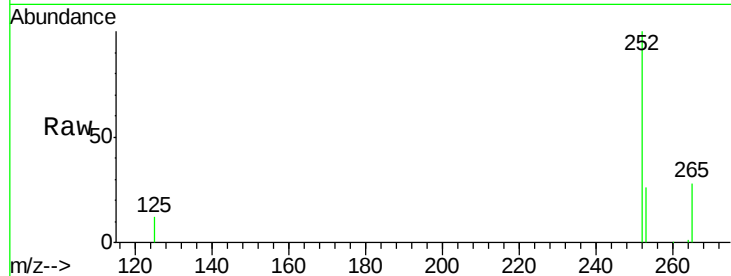




#35
Benzo(b)fluoranthene
Concen: 0.35 ng
RT: 22.69 min Scan# 2371
Delta R.T. 0.00 min
Lab File: BN010695.D
Acq: 12 May 2020 11:57

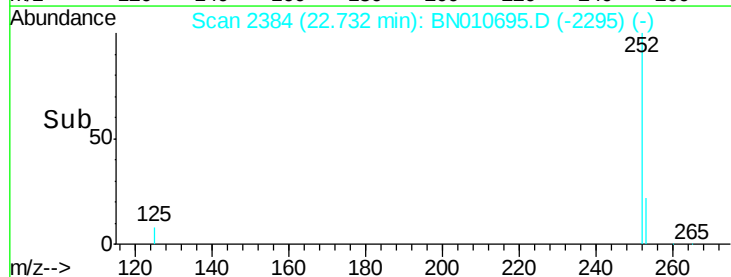
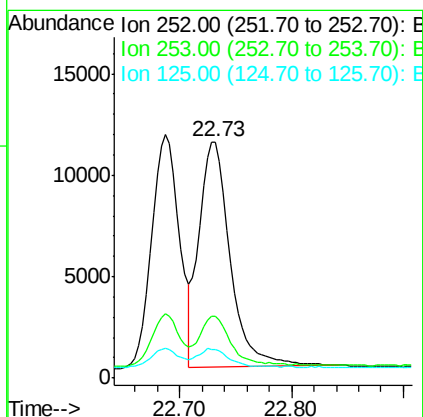
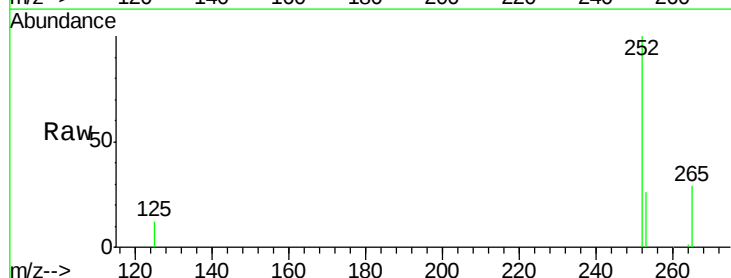
Instrument :
BNA_N
ClientSampleId :
PB128768BS

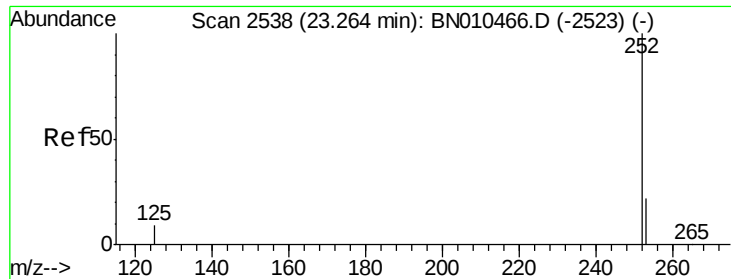
Tgt Ion:252 Resp: 19797
Ion Ratio Lower Upper
252 100
253 26.3 20.2 30.4
125 12.0 9.2 13.8



#36
Benzo(k)fluoranthene
Concen: 0.38 ng
RT: 22.73 min Scan# 2384
Delta R.T. 0.00 min
Lab File: BN010695.D
Acq: 12 May 2020 11:57

Tgt Ion:252 Resp: 21608
Ion Ratio Lower Upper
252 100
253 26.1 20.1 30.1
125 12.0 9.6 14.4





#37

Benzo(a)pyrene

Concen: 0.36 ng

RT: 23.24 min Scan# 2531

Delta R.T. 0.00 min

Lab File: BN010695.D

Acq: 12 May 2020 11:57

Instrument :

BNA_N

ClientSampleId :

PB128768BS

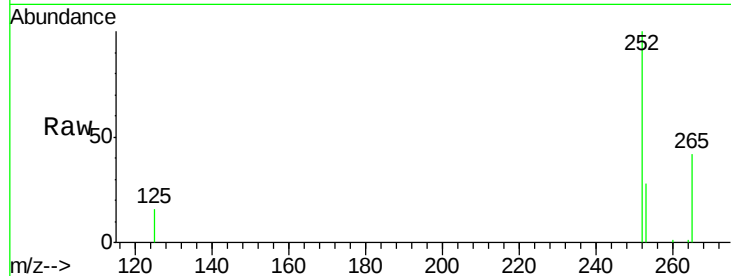
Tgt Ion:252 Resp: 17989

Ion Ratio Lower Upper

252 100

253 27.8 21.8 32.8

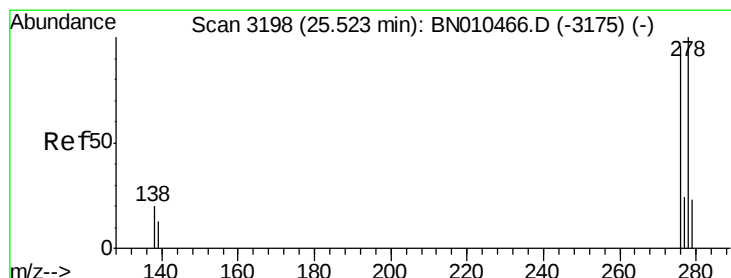
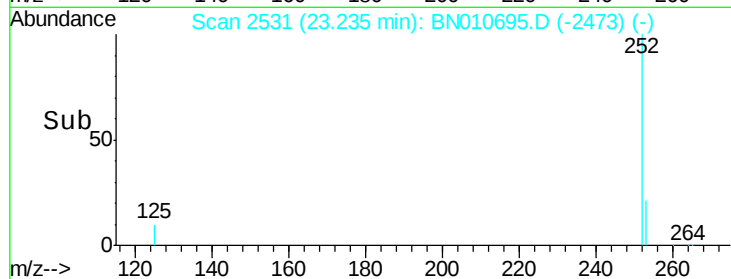
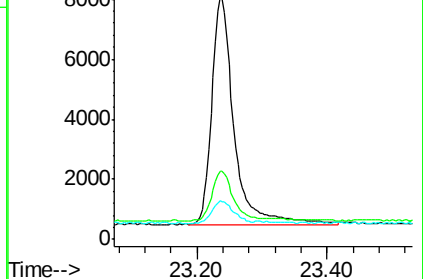
125 15.7 11.0 16.6



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: 0.32 ng

RT: 25.48 min Scan# 3188

Delta R.T. -0.00 min

Lab File: BN010695.D

Acq: 12 May 2020 11:57

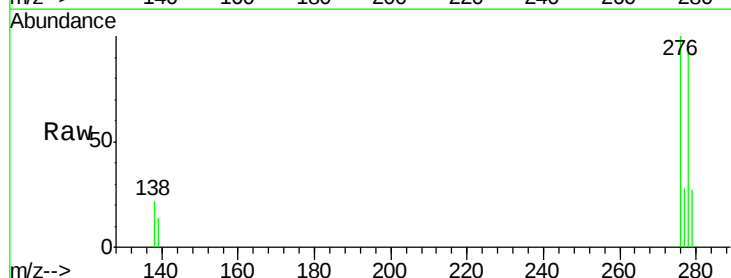
Tgt Ion:278 Resp: 14718

Ion Ratio Lower Upper

278 100

139 15.6 12.3 18.5

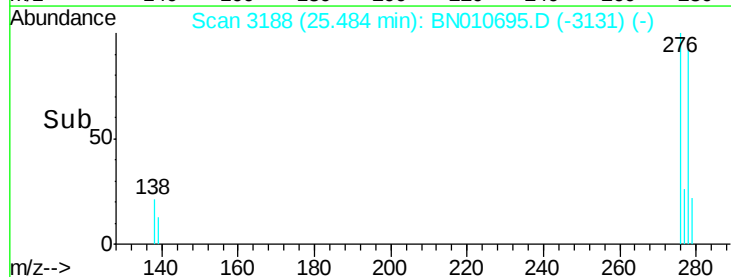
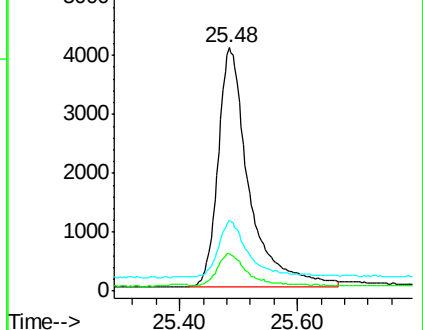
279 29.1 21.9 32.9

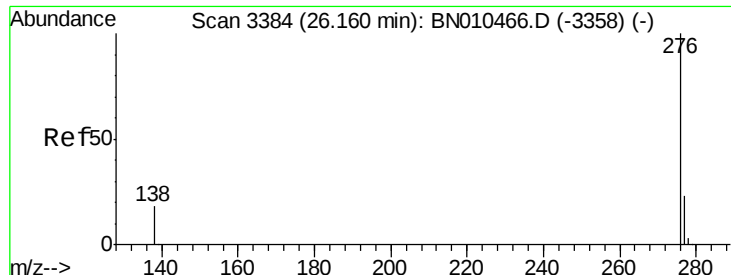


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.40 ng

RT: 26.11 min Scan# 3372

Delta R.T. 0.00 min

Lab File: BN010695.D

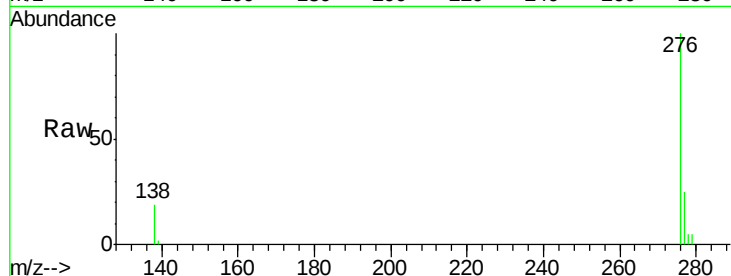
Acq: 12 May 2020 11:57

Instrument :

BNA_N

ClientSampleId :

PB128768BS



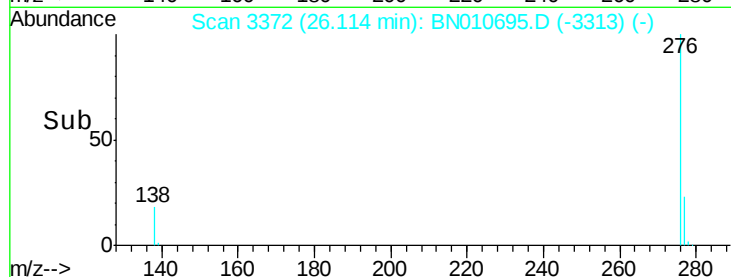
Tgt Ion: 276 Resp: 18166

Ion Ratio Lower Upper

276 100

277 24.5 20.2 30.2

138 19.4 15.4 23.2



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

