

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN051220\
 Data File : BN010695.D
 Acq On : 12 May 2020 11:21
 Operator : CG/JU
 Sample : PB128768BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB128768BS

Quant Time: May 12 11:51:47 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	6555	0.40	ng	0.00
7) Naphthalene-d8	10.33	136	25786	0.40	ng	0.00
13) Acenaphthene-d10	14.20	164	16077	0.40	ng	0.00
19) Phenanthrene-d10	16.95	188	35092	0.40	ng	0.00
27) Chrysene-d12	21.16	240	28123	0.40	ng	0.00
34) Perylene-d12	23.33	264	25349	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.23	112	3158	0.22	ng	0.00
5) Phenol-d6	6.78	99	3639	0.19	ng	0.00
8) Nitrobenzene-d5	8.71	82	4124	0.23	ng	-0.01
11) 2-Methylnaphthalene-d10	11.93	152	12994	0.31	ng	0.00
14) 2,4,6-Tribromophenol	15.71	330	1083	0.14	ng	0.00
15) 2-Fluorobiphenyl	12.82	172	13322	0.23	ng	0.00
25) Fluoranthene-d10	18.99	212	18750	0.18	ng	0.00
29) Terphenyl-d14	19.60	244	14032	0.22	ng	0.00

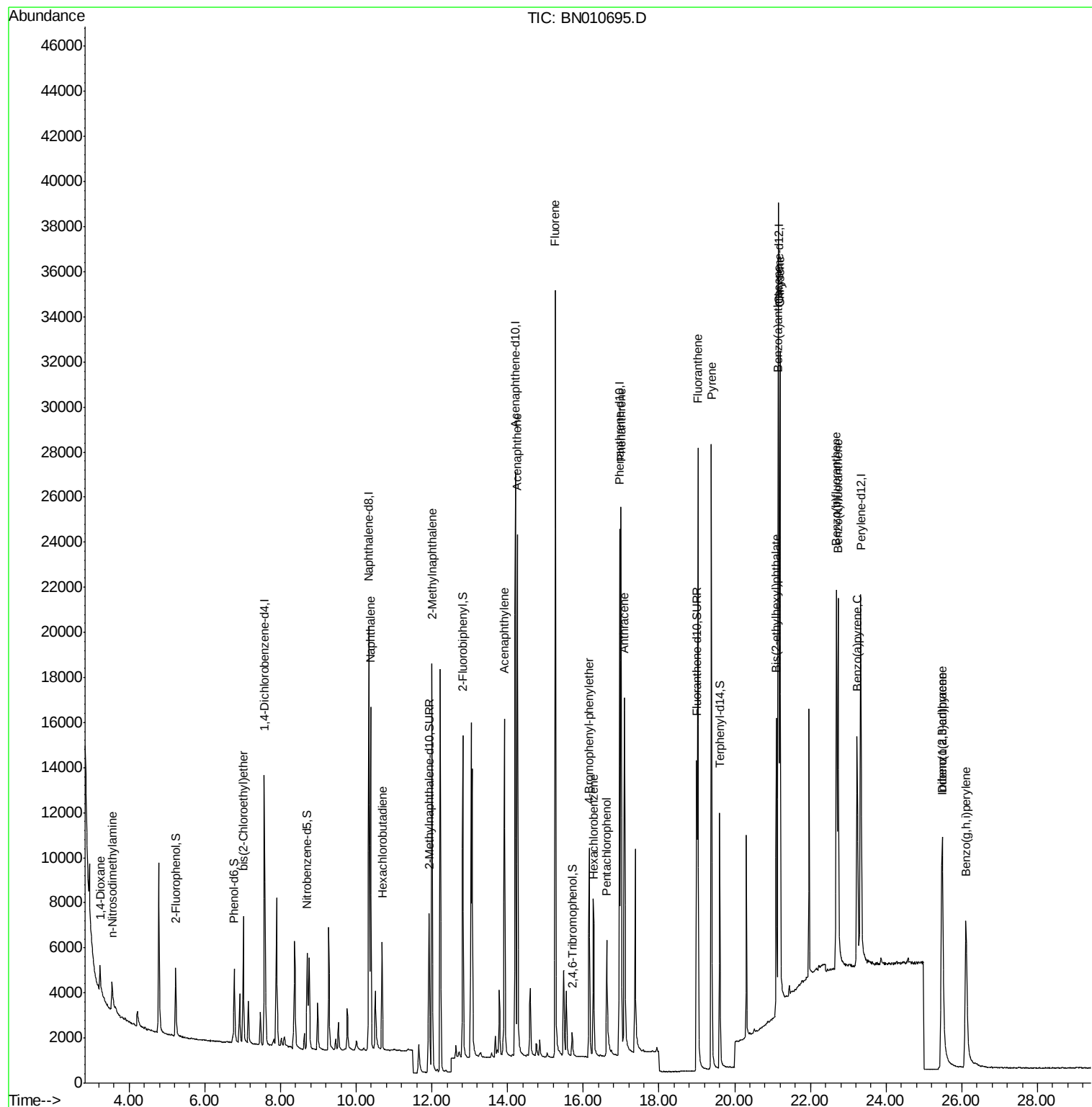
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.23	88	1090	0.226	ng	# 81
3) n-Nitrosodimethylamine	3.55	42	1153	0.369	ng	# 95
6) bis(2-Chloroethyl)ether	7.02	93	5080	0.312	ng	98
9) Naphthalene	10.38	128	19362	0.302	ng	99
10) Hexachlorobutadiene	10.68	225	4296	0.278	ng	# 100
12) 2-Methylnaphthalene	12.00	142	13804	0.300	ng	99
16) Acenaphthylene	13.91	152	18507	0.267	ng	100
17) Acenaphthene	14.26	154	12721	0.285	ng	99
18) Fluorene	15.26	166	16265	0.278	ng	100
20) 4-Bromophenyl-phenylether	16.16	248	5104	0.262	ng	# 88
21) Hexachlorobenzene	16.27	284	6328	0.284	ng	97
22) Pentachlorophenol	16.62	266	4121	0.471	ng	99
23) Phenanthrene	17.00	178	26374	0.278	ng	100
24) Anthracene	17.08	178	22026	0.254	ng	99
26) Fluoranthene	19.02	202	29253	0.248	ng	99
28) Pyrene	19.39	202	28885	0.305	ng	99
30) Benzo(a)anthracene	21.14	228	22687	0.247	ng	100
31) Chrysene	21.20	228	24807	0.271	ng	99
32) Bis(2-ethylhexyl)phthalate	21.10	149	9556	0.203	ng	99
33) Indeno(1,2,3-cd)pyrene	25.47	276	17710	0.219	ng	98
35) Benzo(b)fluoranthene	22.68	252	22354	0.268	ng	100
36) Benzo(k)fluoranthene	22.73	252	24134	0.289	ng	100
37) Benzo(a)pyrene	23.24	252	18557	0.251	ng	98
38) Dibenzo(a,h)anthracene	25.49	278	13062	0.193	ng	96
39) Benzo(g,h,i)perylene	26.11	276	17914	0.263	ng	99

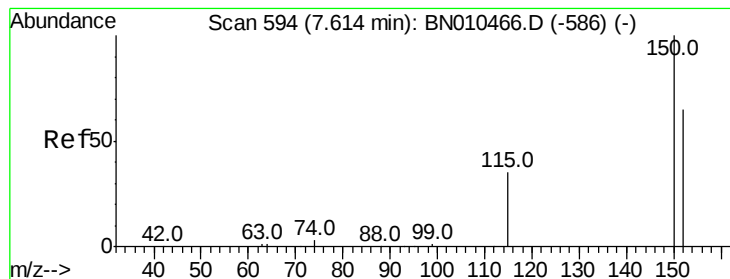
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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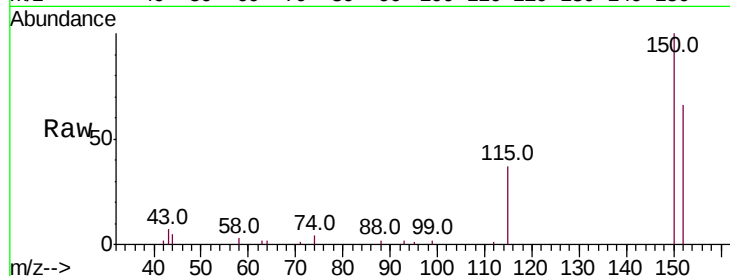


#1

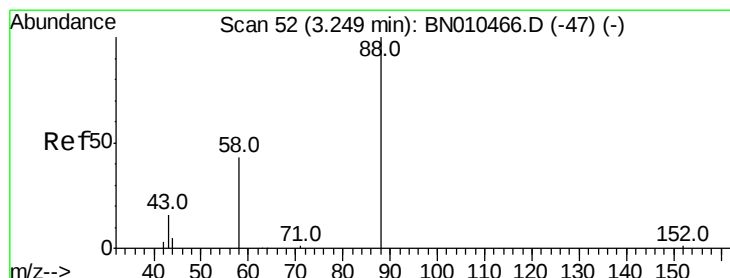
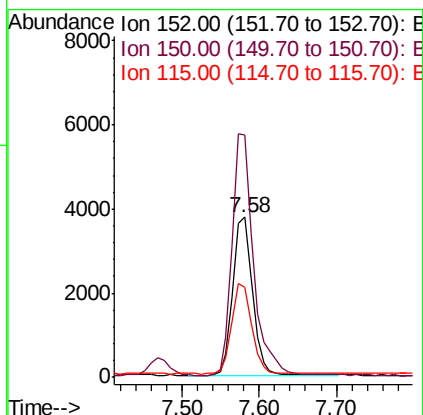
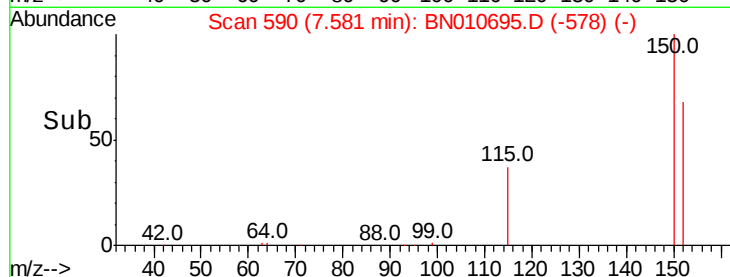
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.58 min Scan# 590
 Delta R.T. 0.00 min
 Lab File: BN010695.D
 Acq: 12 May 2020 11:21

Instrument :
 BNA_N
 ClientSampleId :
 PB128768BS

Tot Ion:152 Resp: 6555
 Ion Ratio Lower Upper
 152 100
 150 151.6 121.8 182.6
 115 56.3 45.5 68.3



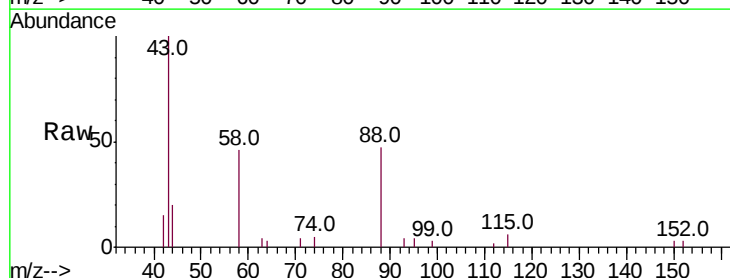
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



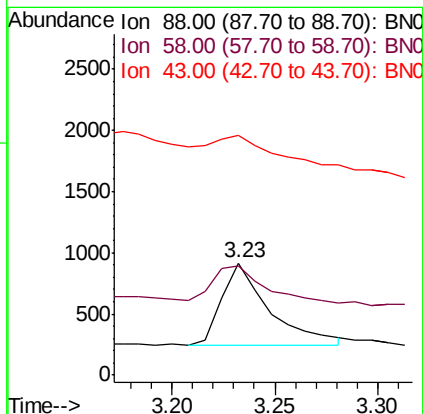
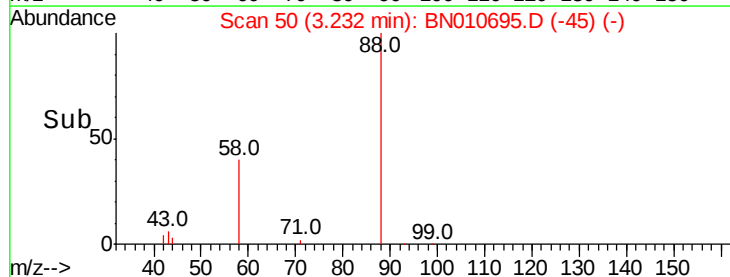
#2

1,4-Dioxane
 Concen: 0.226 ng
 RT: 3.23 min Scan# 50
 Delta R.T. -0.01 min
 Lab File: BN010695.D
 Acq: 12 May 2020 11:21

Tgt Ion: 88 Resp: 1090
 Ion Ratio Lower Upper
 88 100
 58 47.2 36.5 54.7
 43 44.5 13.2 19.8#



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: 0.369 ng

RT: 3.55 min Scan# 89

Delta R.T. -0.03 min

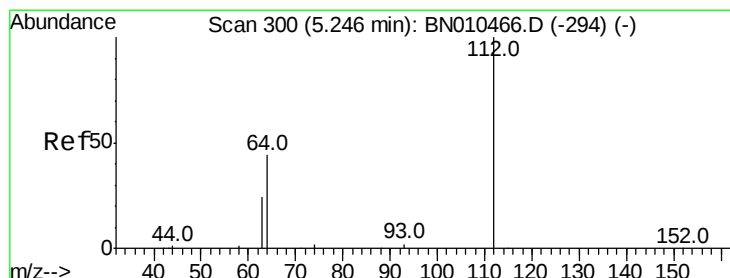
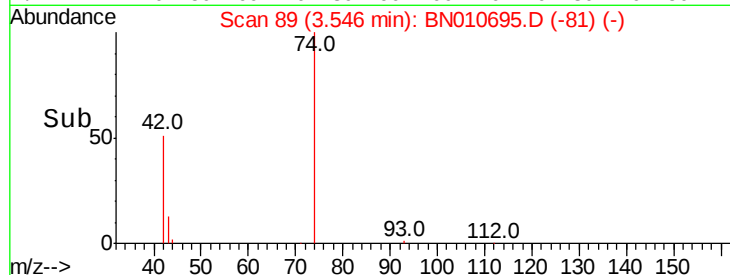
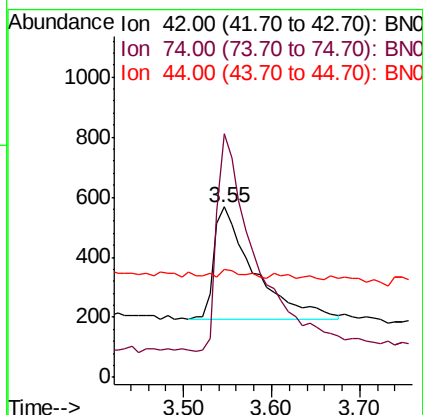
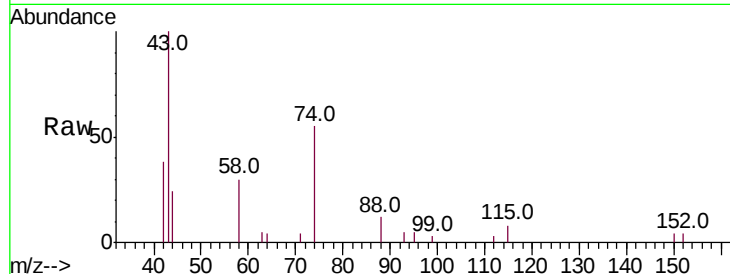
Lab File: BN010695.D

Acq: 12 May 2020 11:21

Instrument :
BNA_N
ClientSampleId :
PB128768BS

Tot Ion: 42 Resp: 1153

Ion	Ratio	Lower	Upper
42	100		
74	194.5	162.2	243.4
44	4.6	2.4	3.6#



#4

2-Fluorophenol

Concen: 0.220 ng

RT: 5.23 min Scan# 298

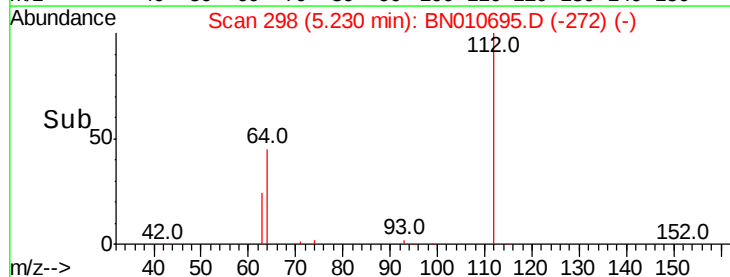
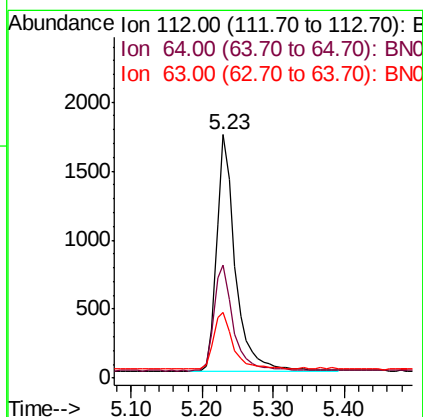
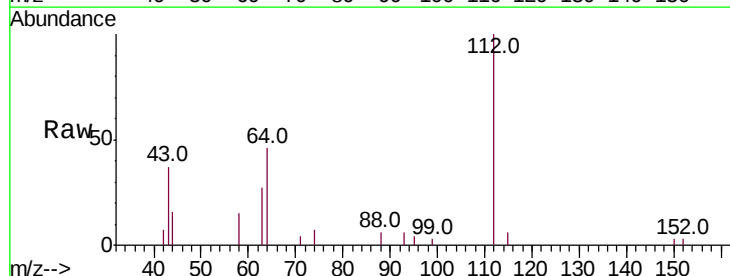
Delta R.T. 0.01 min

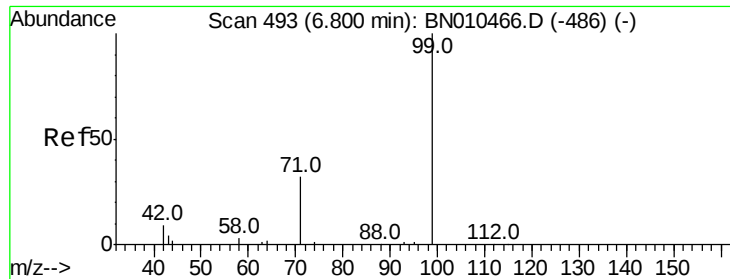
Lab File: BN010695.D

Acq: 12 May 2020 11:21

Tgt Ion: 112 Resp: 3158

Ion	Ratio	Lower	Upper
112	100		
64	46.0	35.8	53.8
63	25.4	19.9	29.9





#5

Phenol-d6

Concen: 0.194 ng

RT: 6.78 min Scan# 490

Delta R.T. 0.00 min

Lab File: BN010695.D

Acq: 12 May 2020 11:21

Instrument :

BNA_N

ClientSampled :

PB128768BS

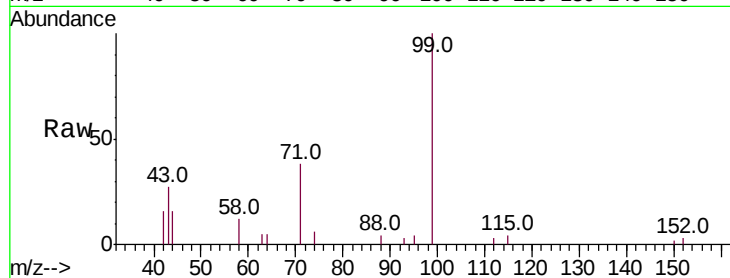
Tot Ion: 99 Resp: 3639

Ion Ratio Lower Upper

99 100

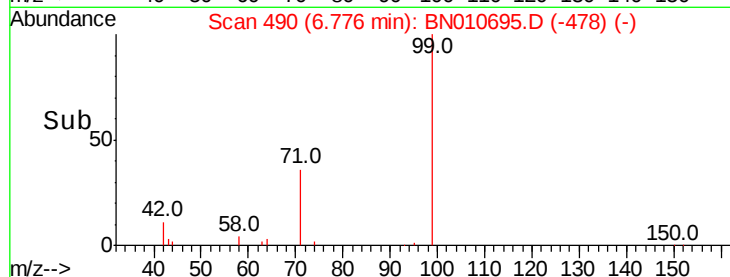
42 13.5 9.8 14.6

71 36.3 27.8 41.8



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

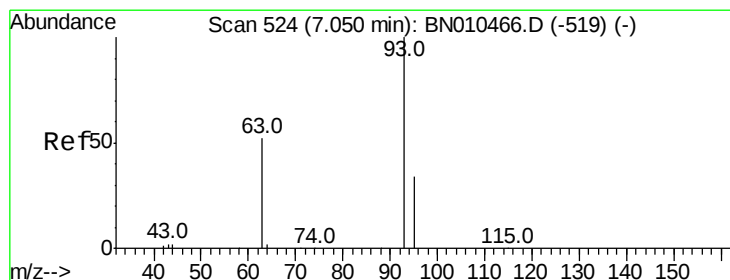
6.78



Ion 42.00 (41.70 to 42.70): BN010695.D (-478) (-)

Ion 71.00 (70.70 to 71.70): BN010695.D (-478) (-)

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.312 ng

RT: 7.02 min Scan# 520

Delta R.T. 0.00 min

Lab File: BN010695.D

Acq: 12 May 2020 11:21

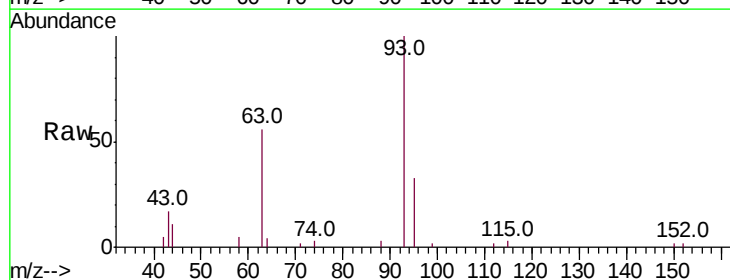
Tgt Ion: 93 Resp: 5080

Ion Ratio Lower Upper

93 100

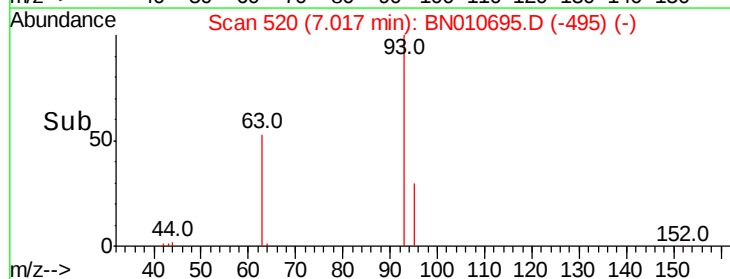
63 57.9 44.6 66.8

95 32.4 26.5 39.7



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

7.02



Ion 63.00 (62.70 to 63.70): BN010695.D (-495) (-)

Ion 95.00 (94.70 to 95.70): BN010695.D (-495) (-)

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.33 min Scan# 840

Delta R.T. 0.00 min

Lab File: BN010695.D

Acq: 12 May 2020 11:21

Instrument :

BNA_N

ClientSampleId :

PB128768BS

Tot Ion:136 Resp: 25786

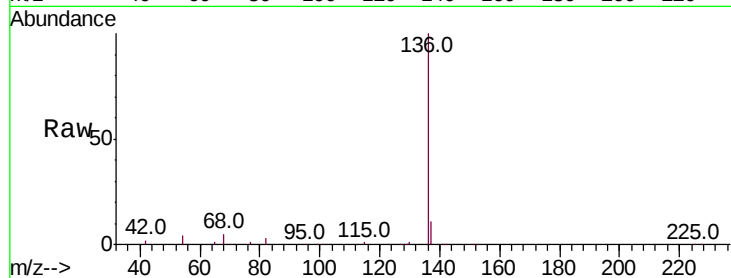
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 3.9 2.6 4.0

68 4.7 3.4 5.2

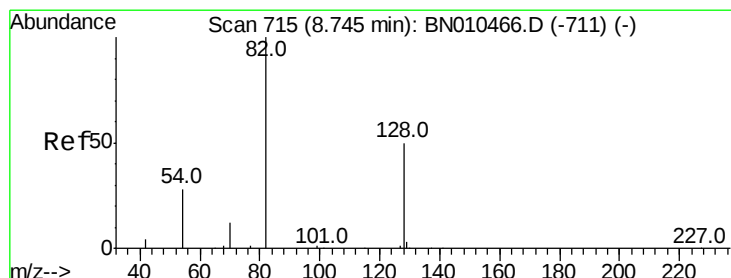
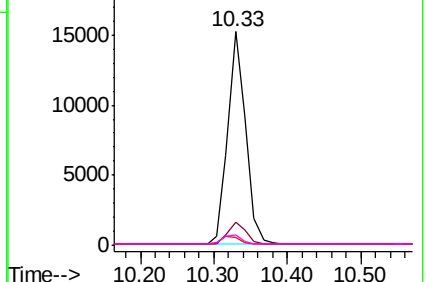
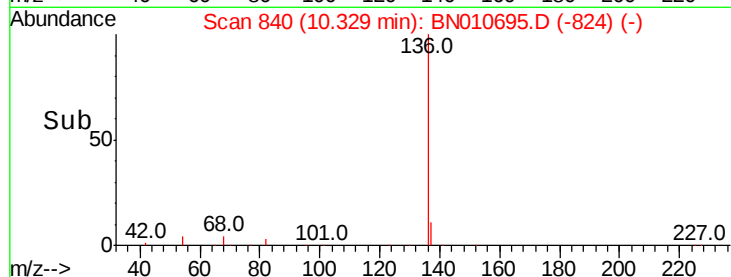


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.229 ng

RT: 8.71 min Scan# 712

Delta R.T. -0.01 min

Lab File: BN010695.D

Acq: 12 May 2020 11:21

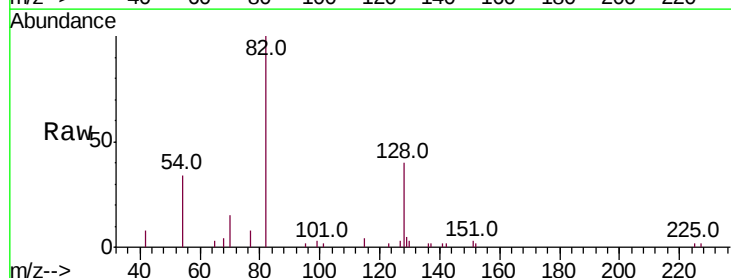
Tgt Ion: 82 Resp: 4124

Ion Ratio Lower Upper

82 100

128 40.3 41.3 61.9#

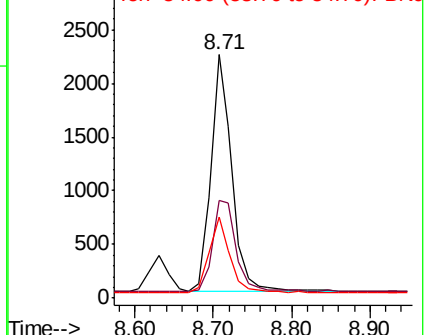
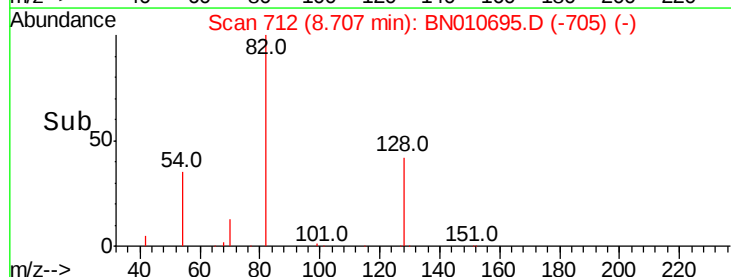
54 33.6 23.4 35.0



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: 0.302 ng

RT: 10.38 min Scan# 844

Delta R.T. 0.00 min

Lab File: BN010695.D

Acq: 12 May 2020 11:21

Instrument :

BNA_N

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PB128768BS

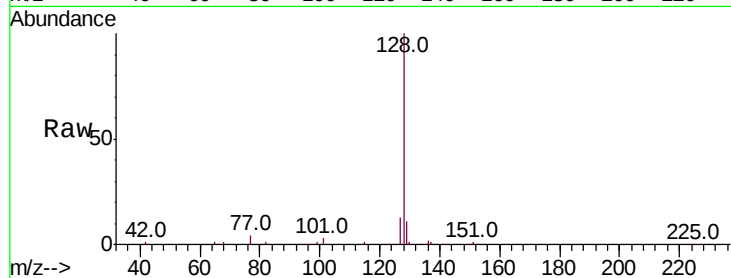
Tot Ion:128 Resp: 19362

Ion Ratio Lower Upper

128 100

129 11.2 9.3 13.9

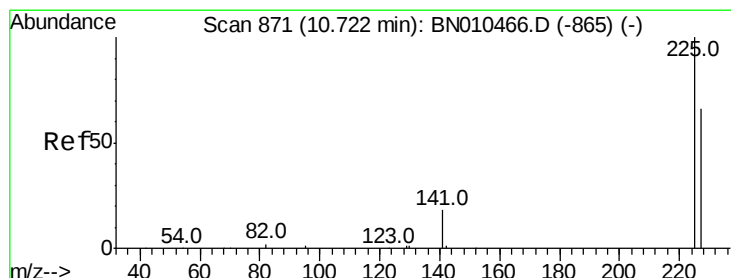
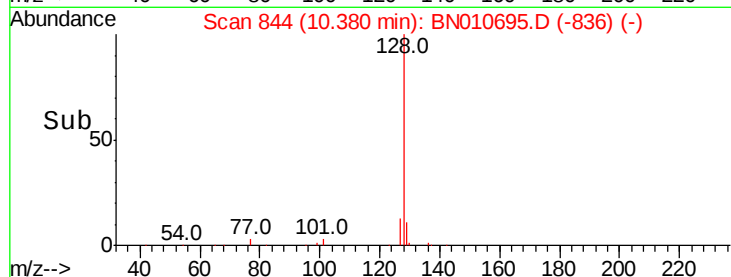
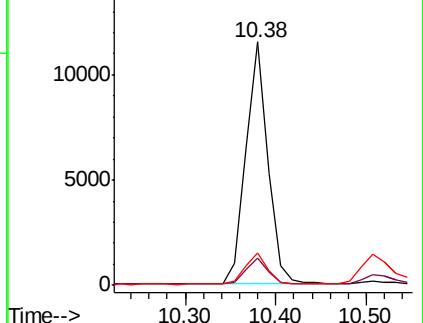
127 13.4 10.5 15.7



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: 0.278 ng

RT: 10.68 min Scan# 868

Delta R.T. 0.00 min

Lab File: BN010695.D

Acq: 12 May 2020 11:21

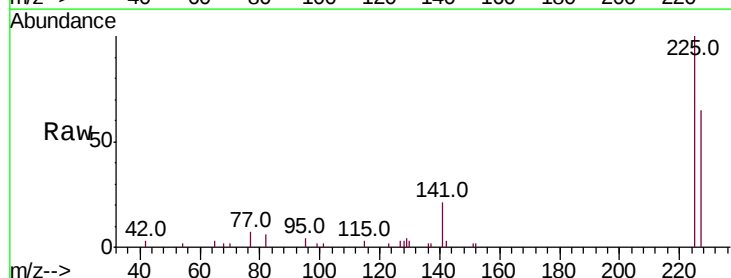
Tgt Ion:225 Resp: 4296

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

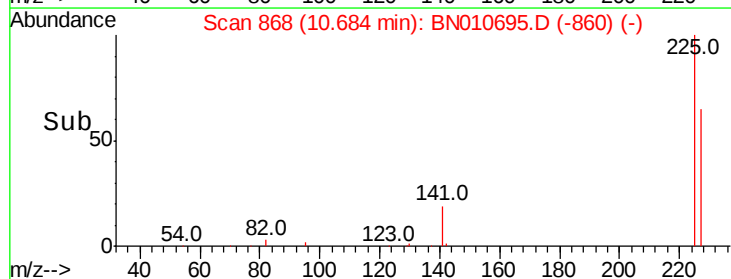
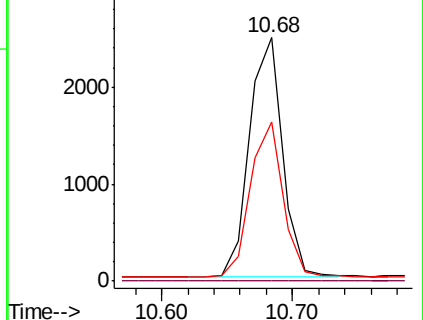
227 63.4 50.6 76.0

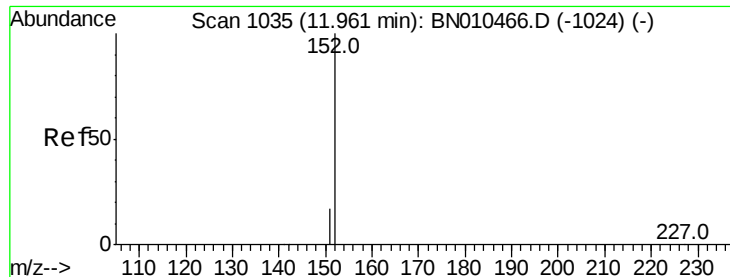


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

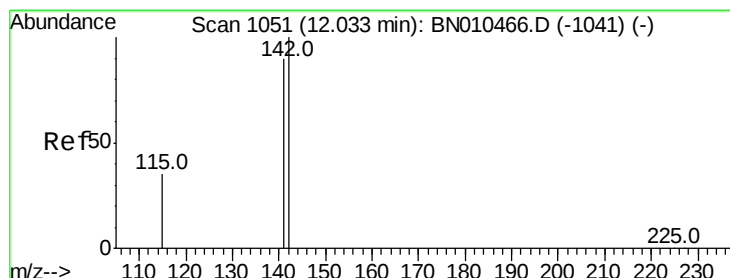
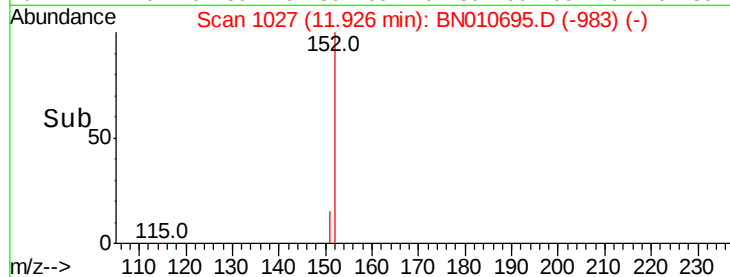
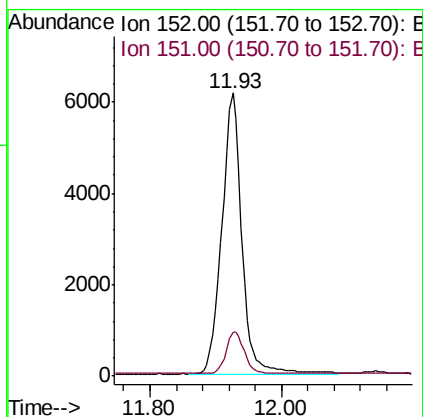
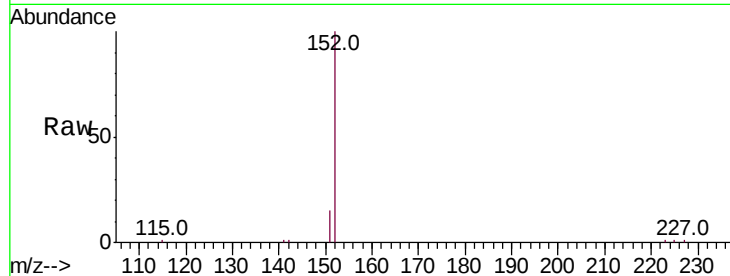




#11
2-Methylnaphthalene-d10
Concen: 0.307 ng
RT: 11.93 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BN010695.D
Acq: 12 May 2020 11:21

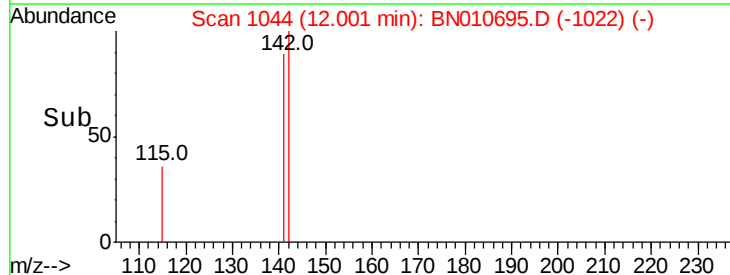
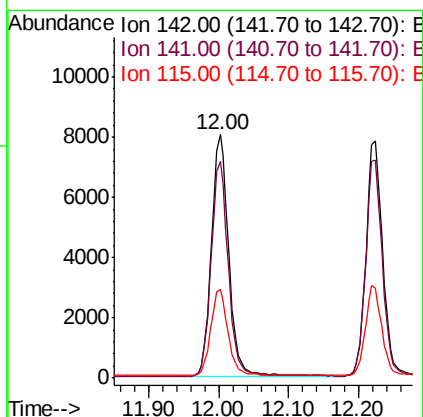
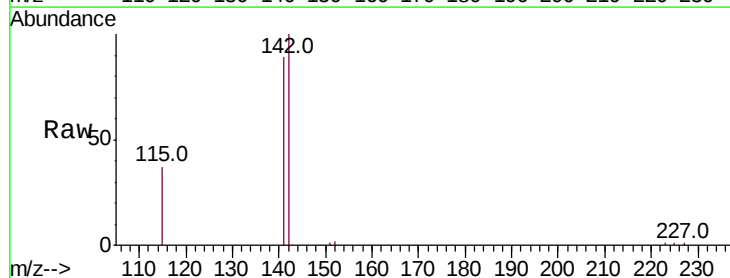
Instrument :
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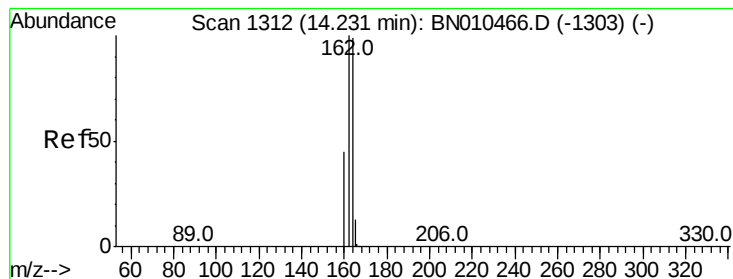
Tot Ion:152 Resp: 12994
Ion Ratio Lower Upper
152 100
151 13.5 15.3 22.9#



#12
2-Methylnaphthalene
Concen: 0.300 ng
RT: 12.00 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BN010695.D
Acq: 12 May 2020 11:21

Tgt Ion:142 Resp: 13804
Ion Ratio Lower Upper
142 100
141 89.0 71.9 107.9
115 36.6 28.8 43.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.20 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BN010695.D

Acq: 12 May 2020 11:21

Instrument :

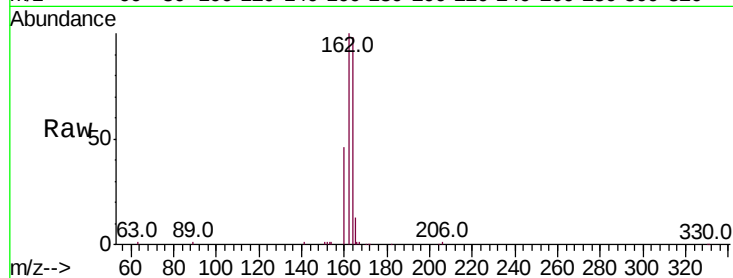
BNA_N

ClientSampleId :

PB128768BS

Tot Ion:164 Resp: 16077

Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.6	121.0
160	46.6	36.5	54.7

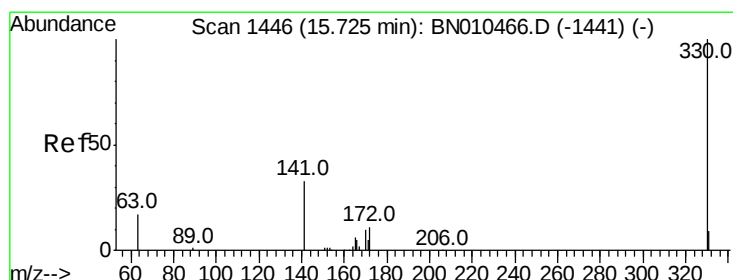
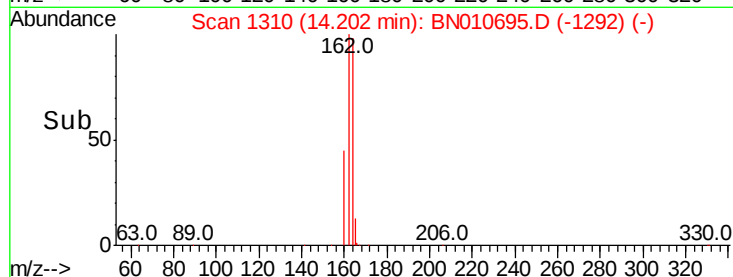
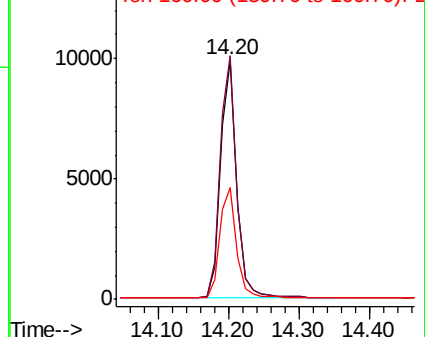


Abundance

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: 0.143 ng

RT: 15.71 min Scan# 1445

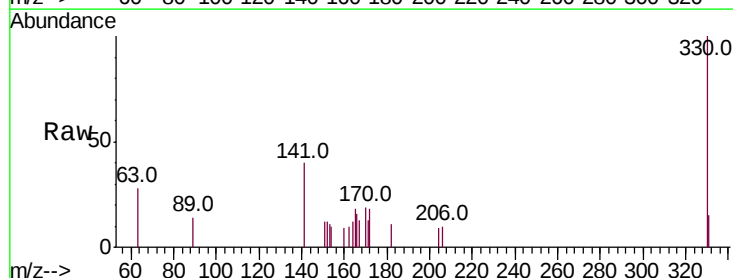
Delta R.T. 0.00 min

Lab File: BN010695.D

Acq: 12 May 2020 11:21

Tgt Ion:330 Resp: 1083

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	34.2	28.1	42.1

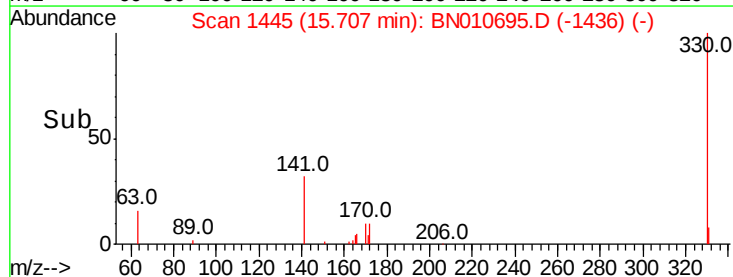
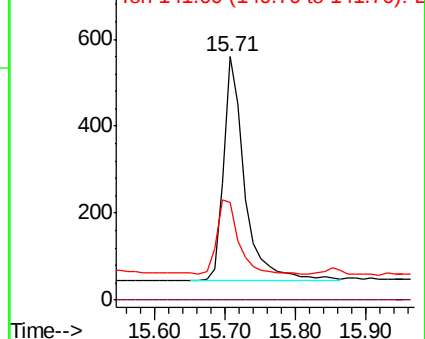


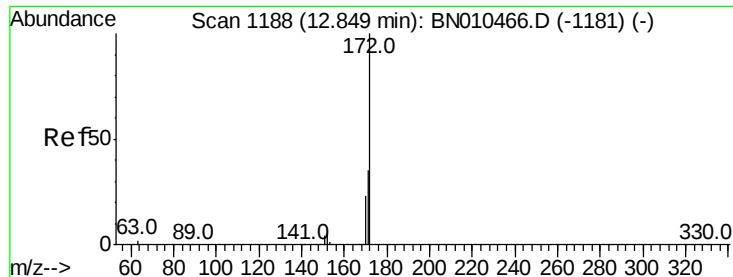
Abundance

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

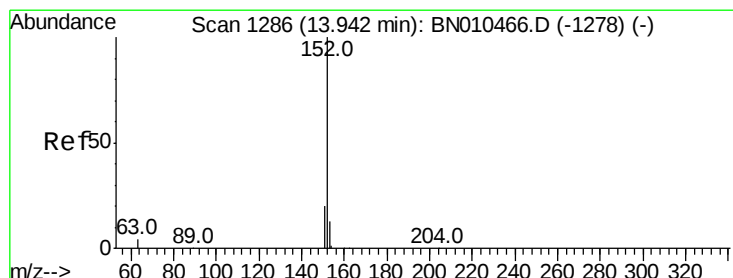
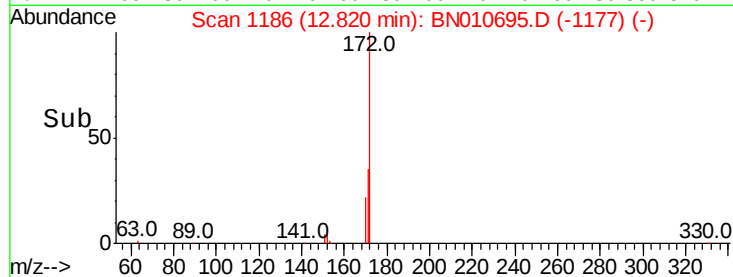
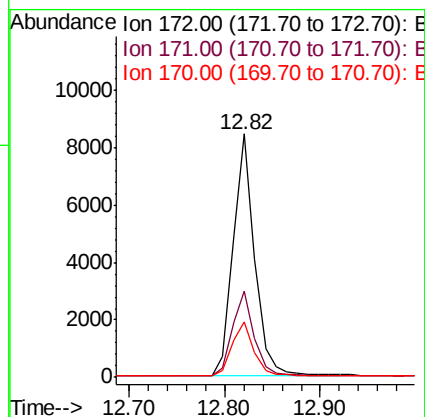
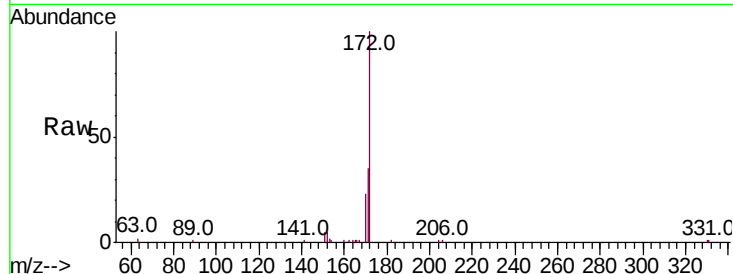




#15
2-Fluorobiphenyl
Concen: 0.228 ng
RT: 12.82 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BN010695.D
Acq: 12 May 2020 11:21

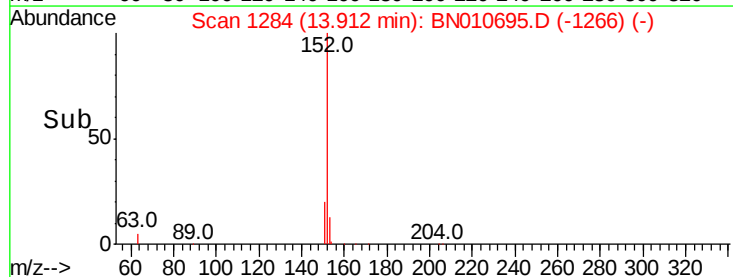
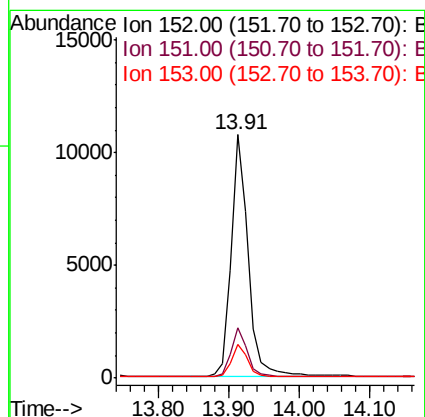
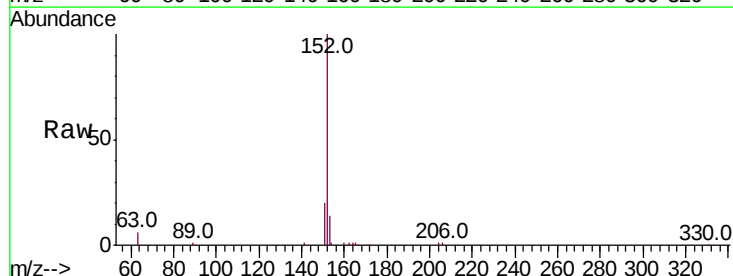
Instrument :
BNA_N
ClientSampleId :
PB128768BS

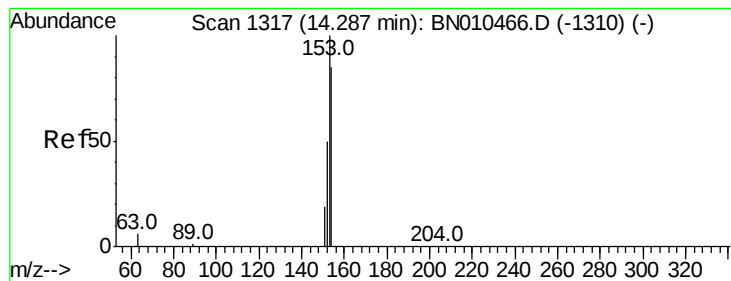
Tot Ion:172 Resp: 13322
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.2
170 22.9 18.4 27.6



#16
Acenaphthylene
Concen: 0.267 ng
RT: 13.91 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BN010695.D
Acq: 12 May 2020 11:21

Tgt Ion:152 Resp: 18507
Ion Ratio Lower Upper
152 100
151 19.8 15.7 23.5
153 13.4 10.6 15.8





#17

Acenaphthene

Concen: 0.285 ng

RT: 14.26 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BN010695.D

Acq: 12 May 2020 11:21

Instrument :

BNA_N

ClientSampleId :

PB128768BS

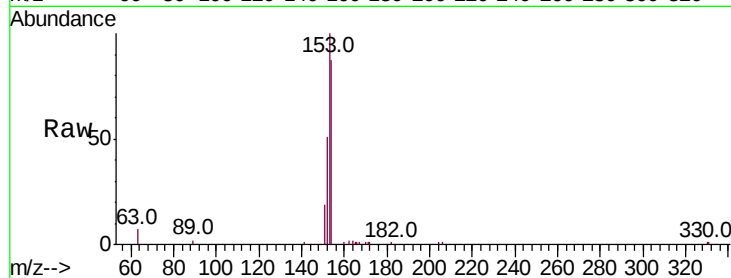
Tot Ion:154 Resp: 12721

Ion Ratio Lower Upper

154 100

153 114.5 91.0 136.4

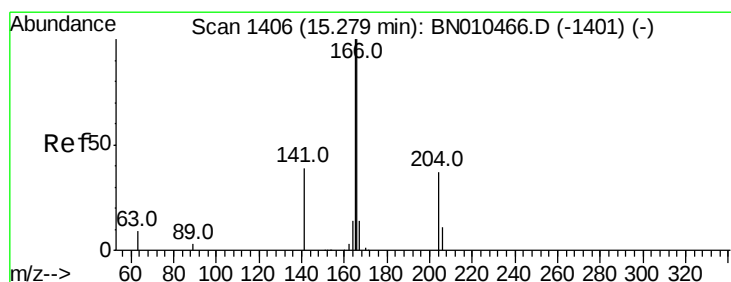
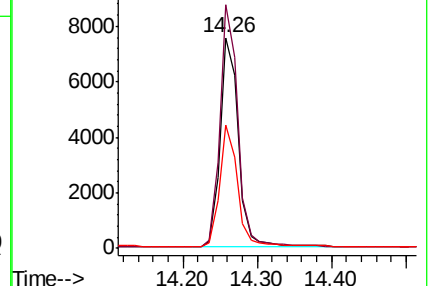
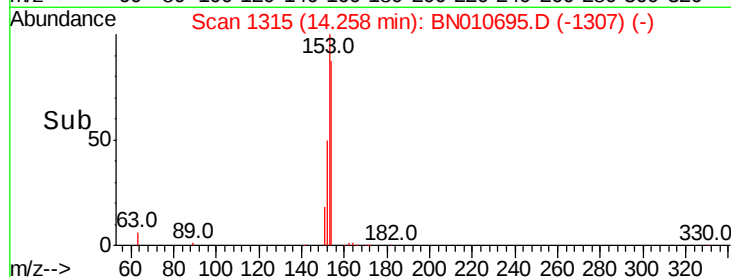
152 57.0 44.6 67.0



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: 0.278 ng

RT: 15.26 min Scan# 1405

Delta R.T. 0.00 min

Lab File: BN010695.D

Acq: 12 May 2020 11:21

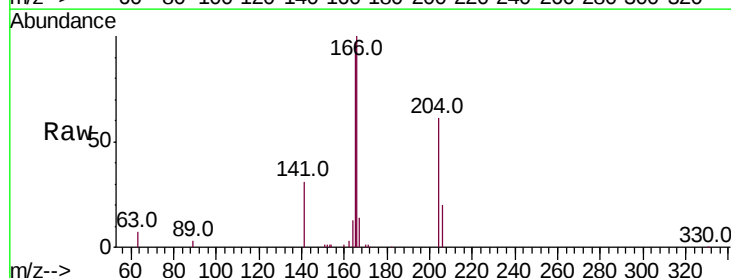
Tgt Ion:166 Resp: 16265

Ion Ratio Lower Upper

166 100

165 98.3 78.4 117.6

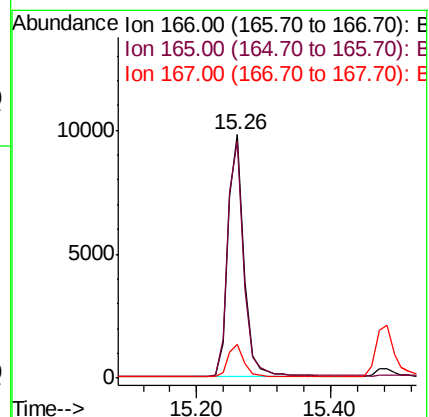
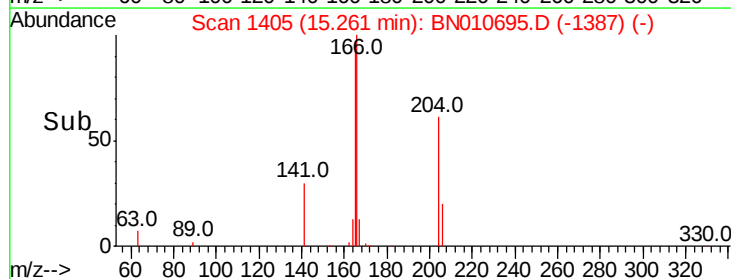
167 13.5 10.9 16.3

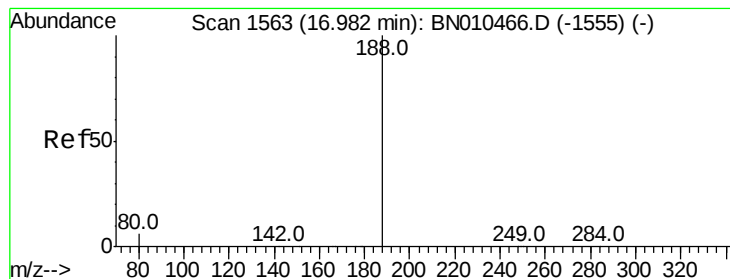


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.95 min Scan# 1561

Delta R.T. 0.00 min

Lab File: BN010695.D

Acq: 12 May 2020 11:21

Instrument :

BNA_N

ClientSampleId :

PB128768BS

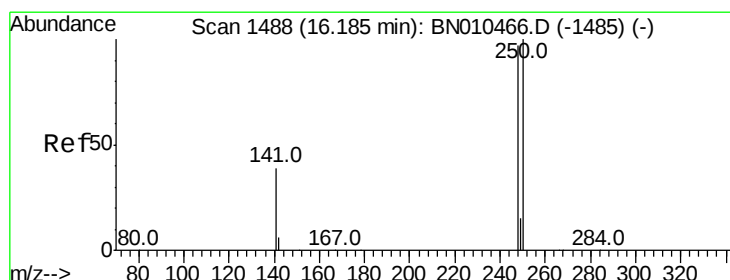
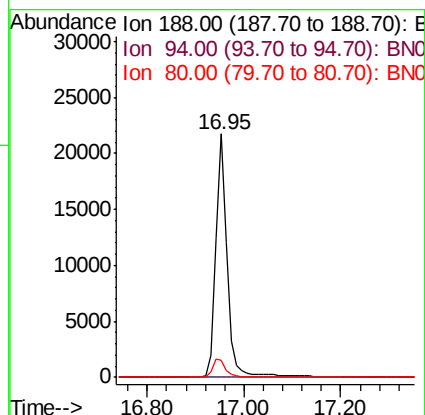
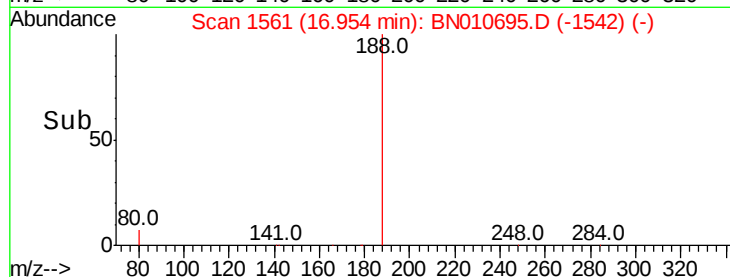
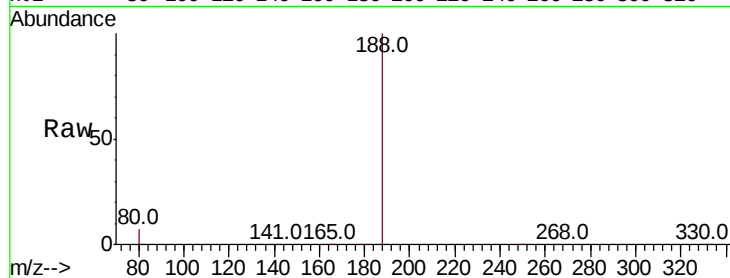
Tot Ion:188 Resp: 35092

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.2 5.0 7.6



#20

4-Bromophenyl-phenylether

Concen: 0.262 ng

RT: 16.16 min Scan# 1486

Delta R.T. 0.00 min

Lab File: BN010695.D

Acq: 12 May 2020 11:21

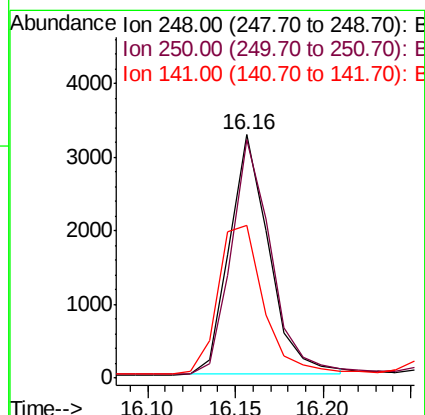
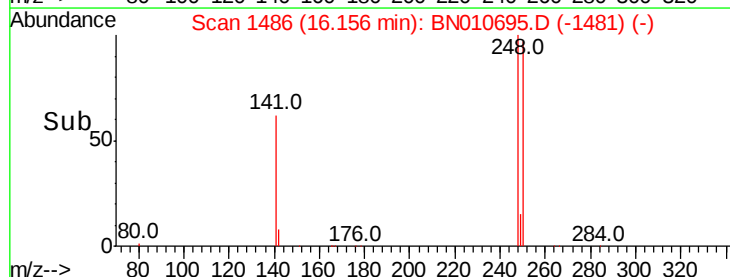
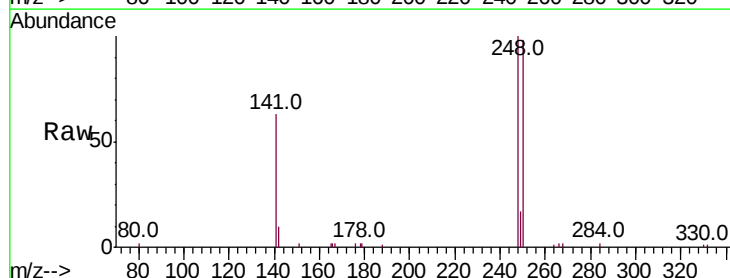
Tgt Ion:248 Resp: 5104

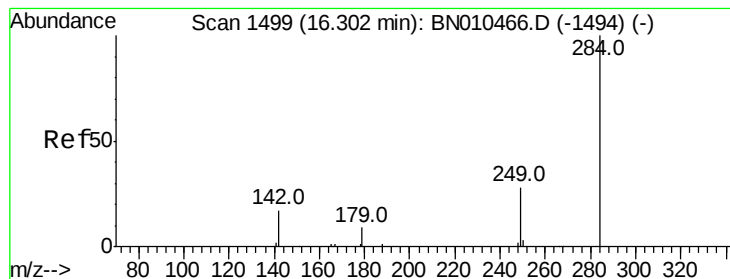
Ion Ratio Lower Upper

248 100

250 97.8 82.3 123.5

141 62.7 35.2 52.8#





#21

Hexachlorobenzene

Concen: 0.284 ng

RT: 16.27 min Scan# 1497

Delta R.T. 0.00 min

Lab File: BN010695.D

Acq: 12 May 2020 11:21

Instrument :

BNA_N

ClientSampleId :

PB128768BS

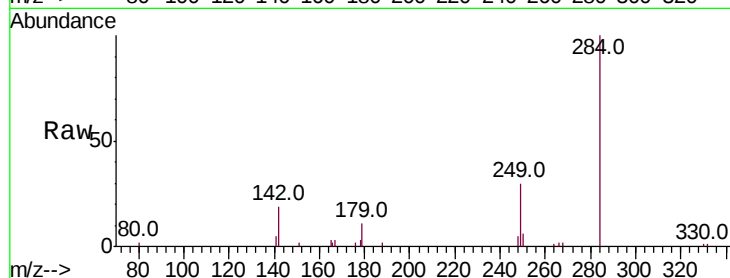
Tot Ion:284 Resp: 6328

Ion Ratio Lower Upper

284 100

142 34.4 25.5 38.3

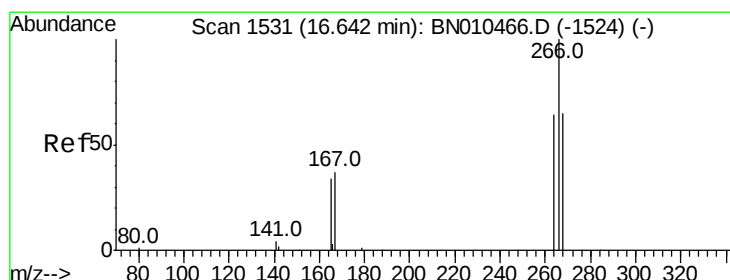
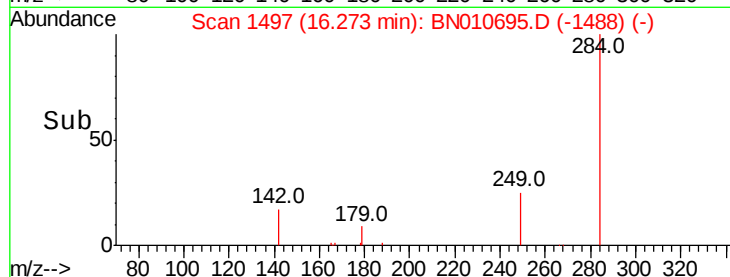
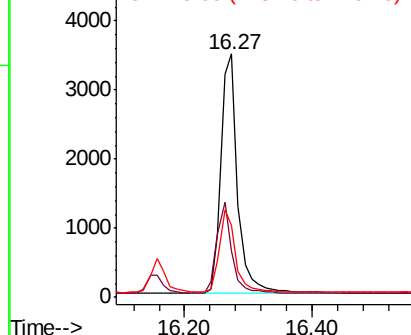
249 32.9 25.8 38.6



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: 0.471 ng

RT: 16.62 min Scan# 1530

Delta R.T. 0.00 min

Lab File: BN010695.D

Acq: 12 May 2020 11:21

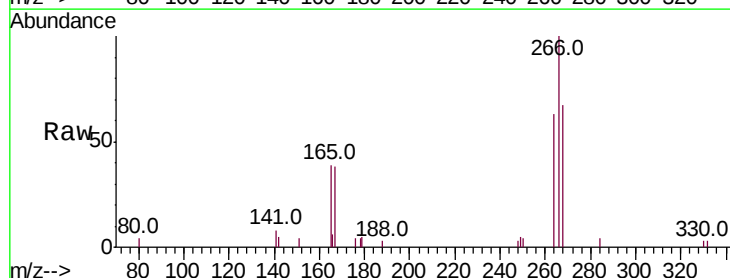
Tgt Ion:266 Resp: 4121

Ion Ratio Lower Upper

266 100

264 63.2 51.8 77.6

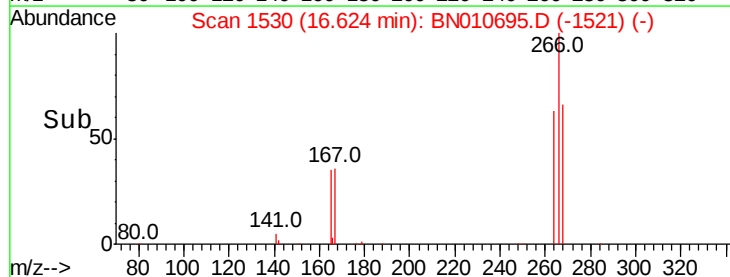
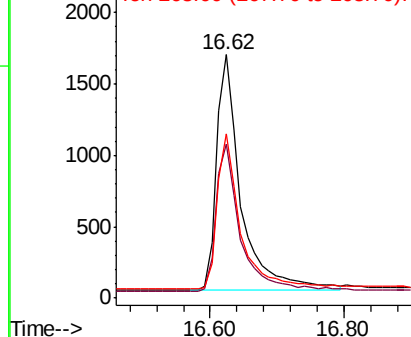
268 67.2 53.7 80.5



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: 0.278 ng

RT: 17.00 min Scan# 1565

Delta R.T. 0.00 min

Lab File: BN010695.D

Acq: 12 May 2020 11:21

Instrument :

BNA_N

ClientSampleId :

PB128768BS

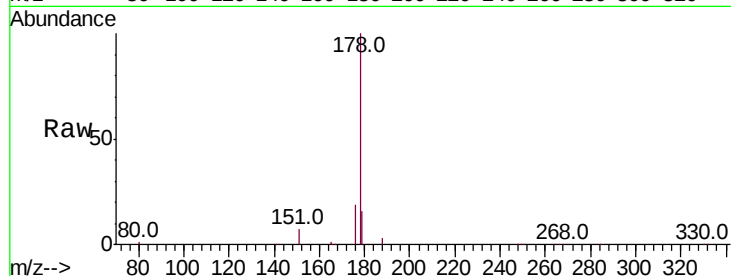
Tot Ion:178 Resp: 26374

Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.4

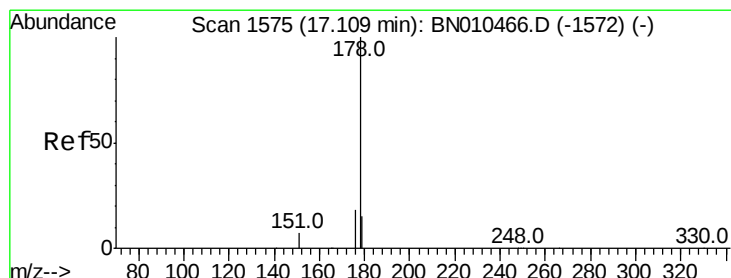
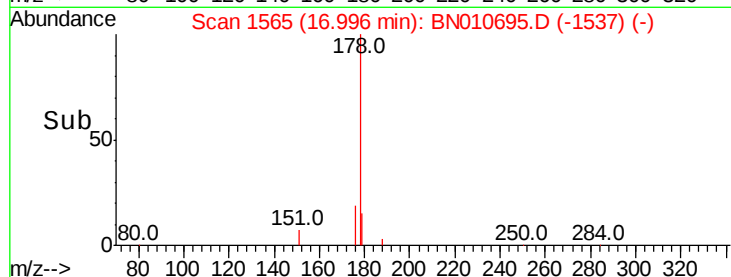
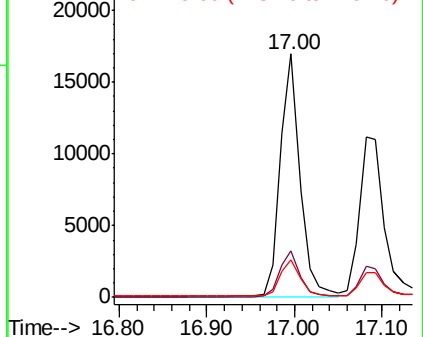
179 15.4 12.6 18.8



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: 0.254 ng

RT: 17.08 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BN010695.D

Acq: 12 May 2020 11:21

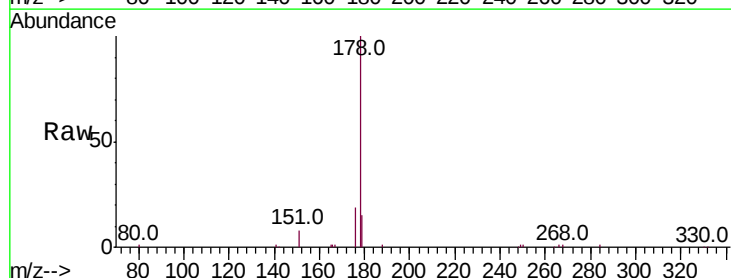
Tgt Ion:178 Resp: 22026

Ion Ratio Lower Upper

178 100

176 18.0 14.6 21.8

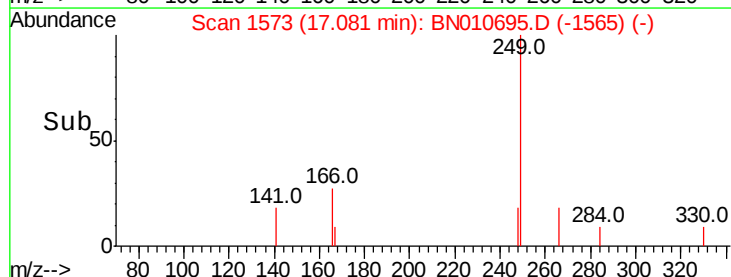
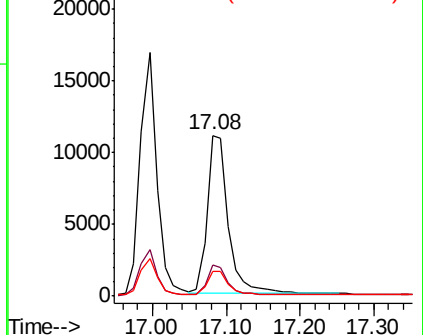
179 14.9 12.2 18.2

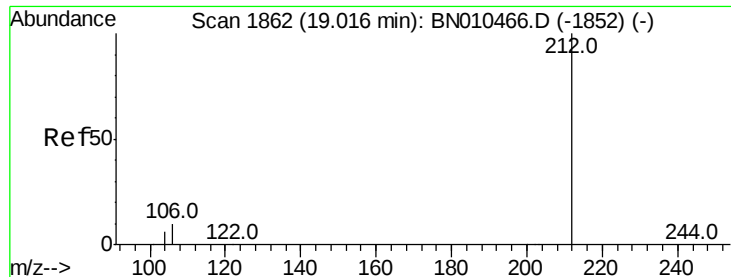


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

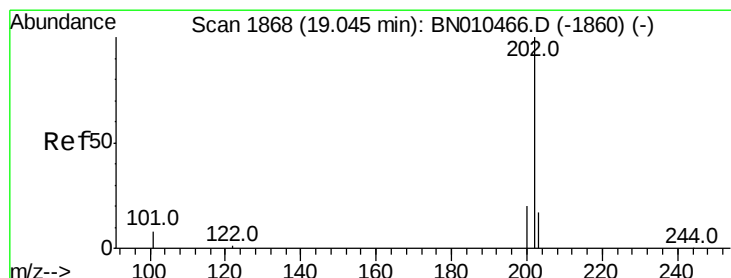
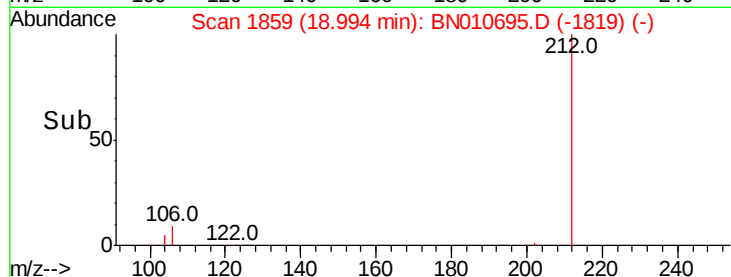
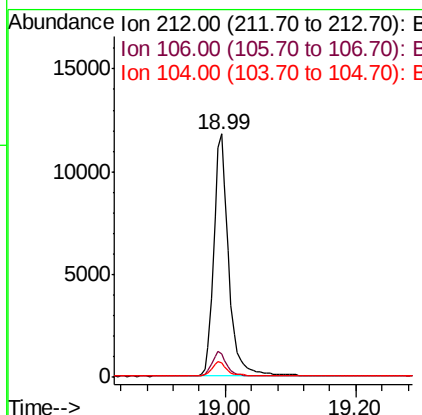
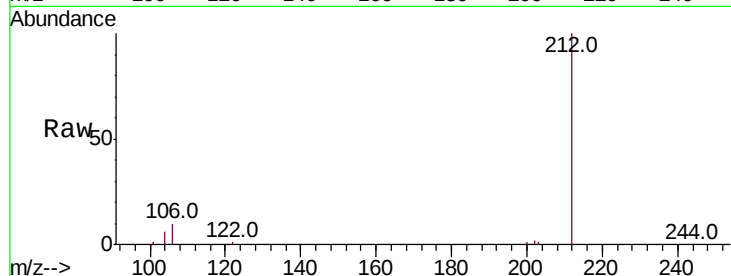




#25
 Fluoranthene-d10
 Concen: 0.176 ng
 RT: 18.99 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: BN010695.D
 Acq: 12 May 2020 11:21

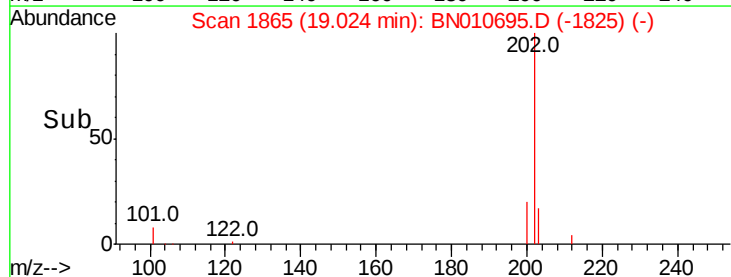
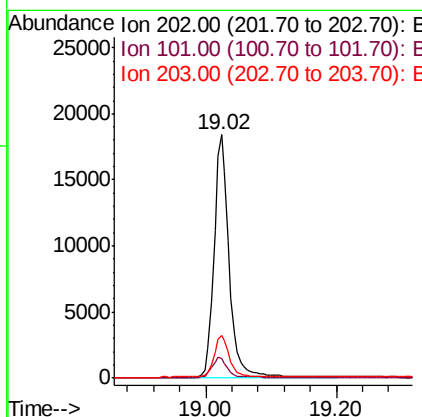
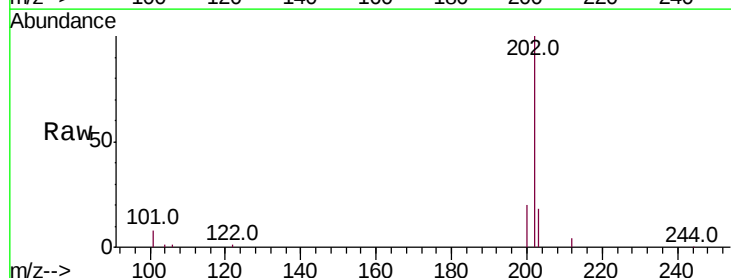
Instrument :
 BNA_N
 ClientSampleId :
 PB128768BS

Tot Ion:212 Resp: 18750
 Ion Ratio Lower Upper
 212 100
 106 10.1 7.8 11.6
 104 5.6 4.5 6.7



#26
 Fluoranthene
 Concen: 0.248 ng
 RT: 19.02 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: BN010695.D
 Acq: 12 May 2020 11:21

Tgt Ion:202 Resp: 29253
 Ion Ratio Lower Upper
 202 100
 101 8.5 6.9 10.3
 203 17.0 13.9 20.9

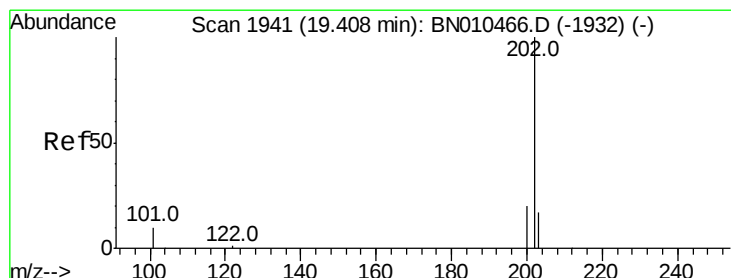
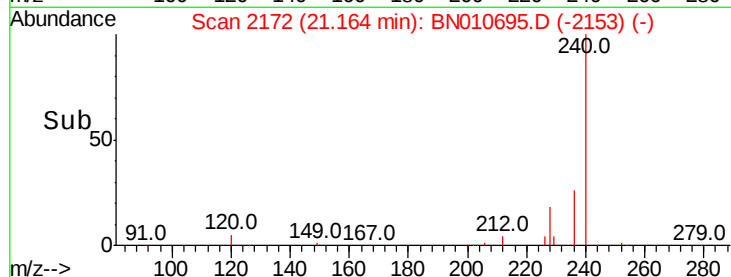
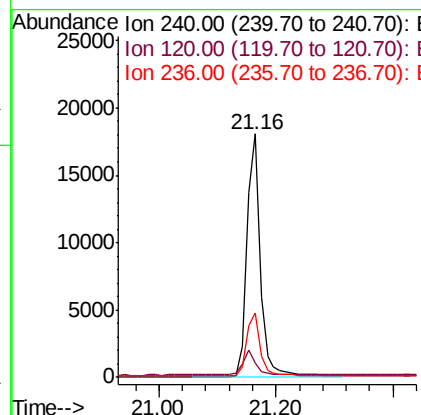
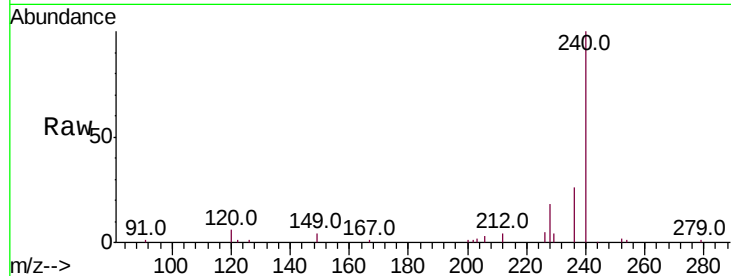




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.16 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BN010695.D
Acq: 12 May 2020 11:21

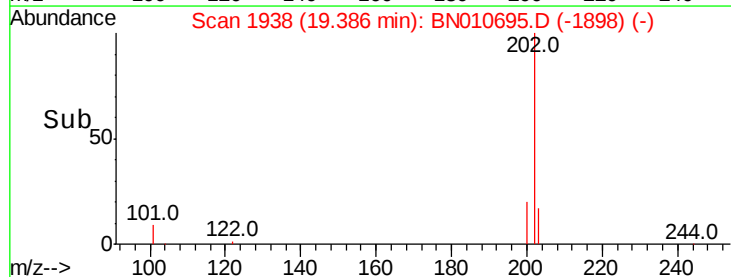
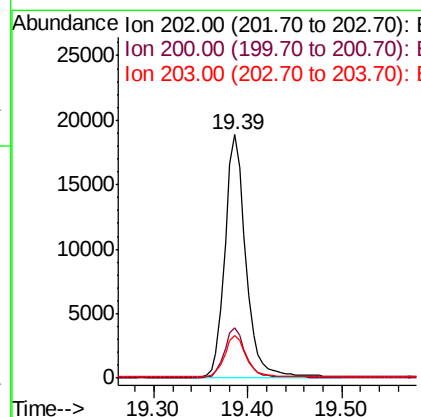
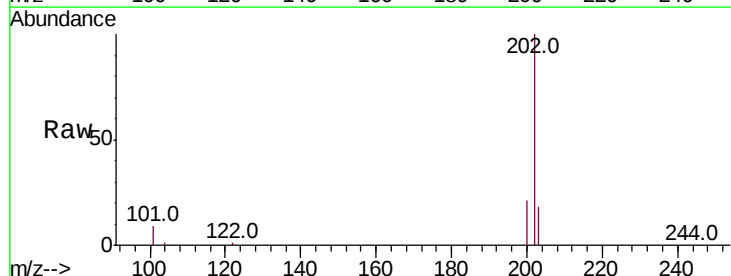
Instrument :
BNA_N
ClientSampleId :
PB128768BS

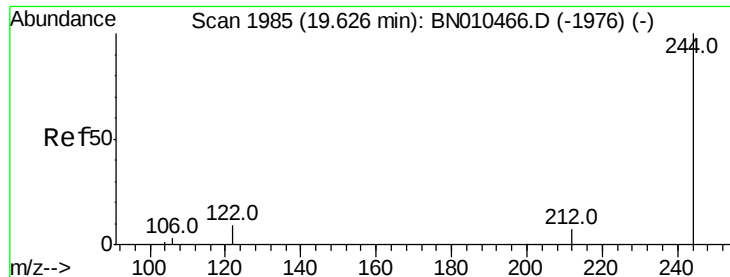
Tot Ion:240 Resp: 28123
Ion Ratio Lower Upper
240 100
120 5.9 4.8 7.2
236 26.5 21.4 32.0



#28
Pyrene
Concen: 0.305 ng
RT: 19.39 min Scan# 1938
Delta R.T. 0.00 min
Lab File: BN010695.D
Acq: 12 May 2020 11:21

Tgt Ion:202 Resp: 28885
Ion Ratio Lower Upper
202 100
200 20.6 16.3 24.5
203 17.8 14.0 21.0





#29

Terphenyl-d14

Concen: 0.218 ng

RT: 19.60 min Scan# 1982

Delta R.T. 0.00 min

Lab File: BN010695.D

Acq: 12 May 2020 11:21

Instrument :

BNA_N

ClientSampleId :

PB128768BS

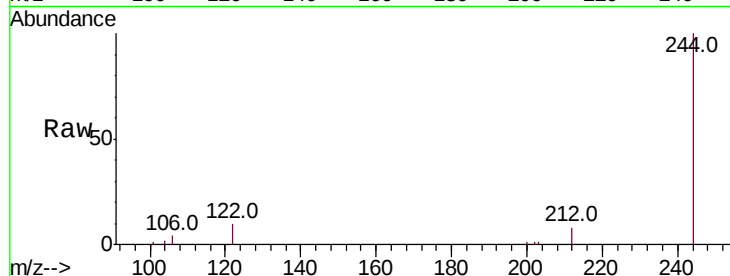
Tot Ion:244 Resp: 14032

Ion Ratio Lower Upper

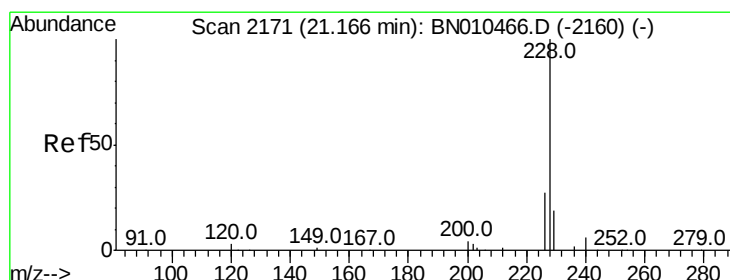
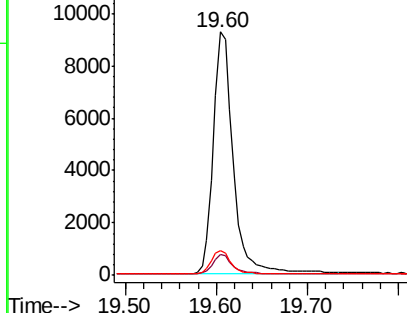
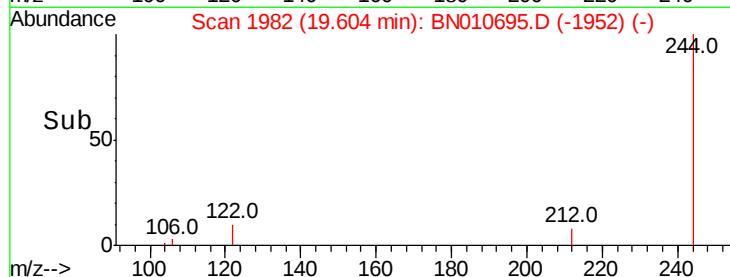
244 100

212 8.4 6.2 9.4

122 10.3 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: 0.247 ng

RT: 21.14 min Scan# 2170

Delta R.T. 0.00 min

Lab File: BN010695.D

Acq: 12 May 2020 11:21

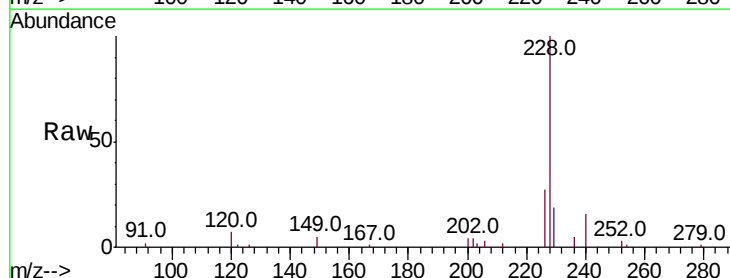
Tgt Ion:228 Resp: 22687

Ion Ratio Lower Upper

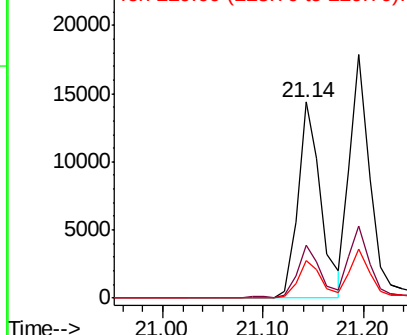
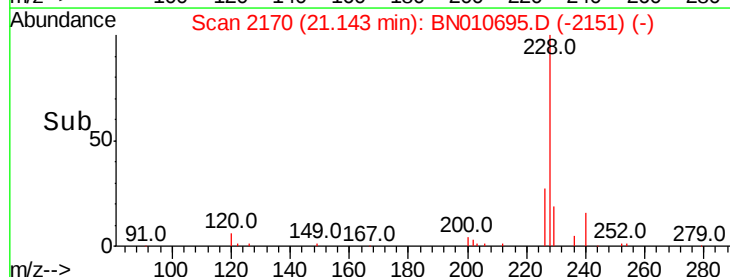
228 100

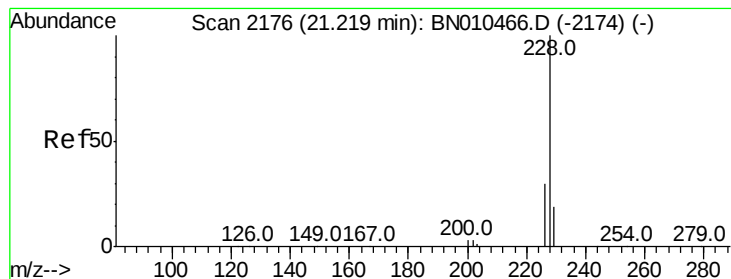
226 27.3 21.7 32.5

229 19.3 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: 0.271 ng

RT: 21.20 min Scan# 2175

Delta R.T. 0.00 min

Lab File: BN010695.D

Acq: 12 May 2020 11:21

Instrument :

BNA_N

ClientSampleId :

PB128768BS

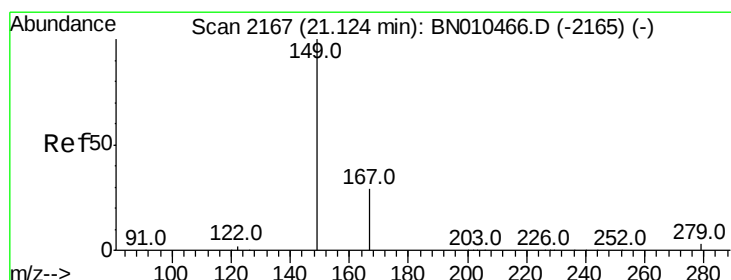
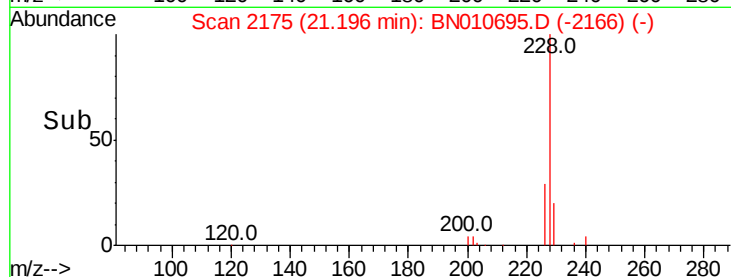
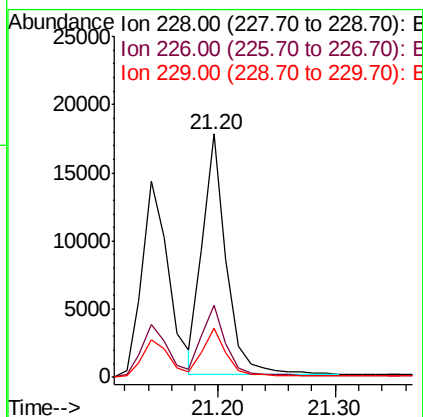
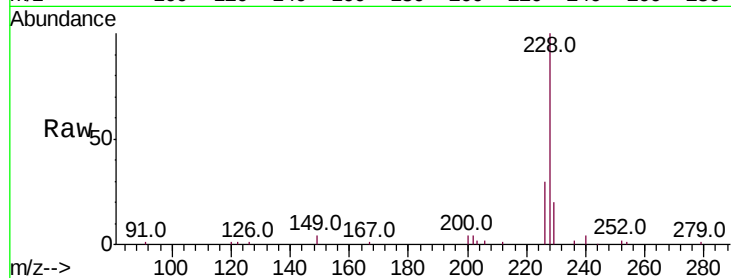
Tot Ion:228 Resp: 24807

Ion Ratio Lower Upper

228 100

226 29.7 24.0 36.0

229 19.9 15.8 23.6



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.203 ng

RT: 21.10 min Scan# 2166

Delta R.T. 0.00 min

Lab File: BN010695.D

Acq: 12 May 2020 11:21

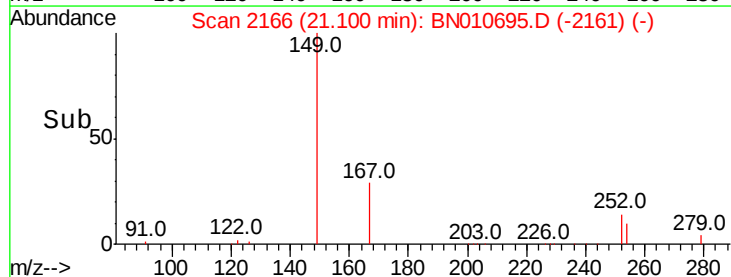
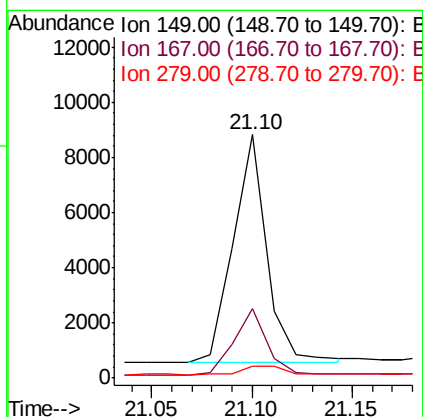
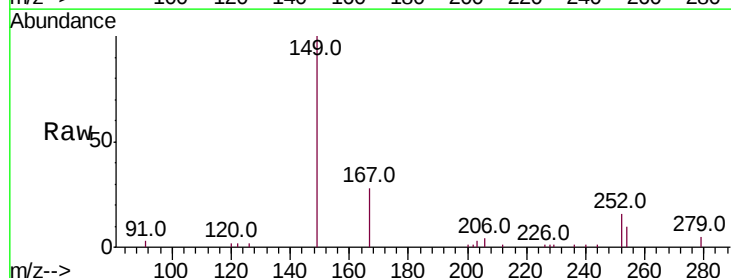
Tgt Ion:149 Resp: 9556

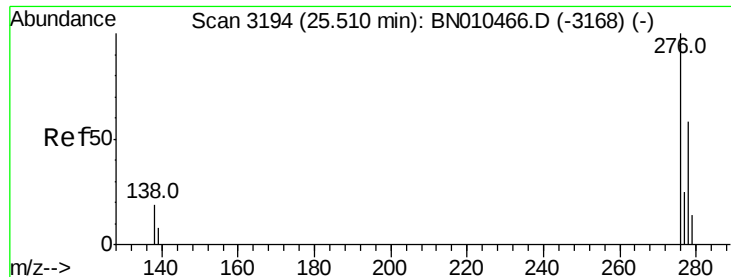
Ion Ratio Lower Upper

149 100

167 28.5 23.4 35.0

279 4.8 4.0 6.0





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.219 ng

RT: 25.47 min Scan# 3184

Delta R.T. 0.00 min

Lab File: BN010695.D

Acq: 12 May 2020 11:21

Instrument :

BNA_N

ClientSampleId :

PB128768BS

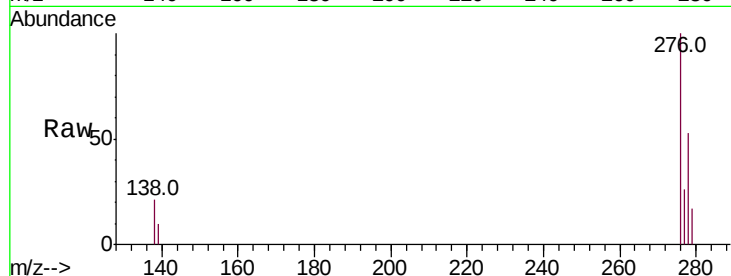
Tot Ion:276 Resp: 17710

Ion Ratio Lower Upper

276 100

138 18.6 16.4 24.6

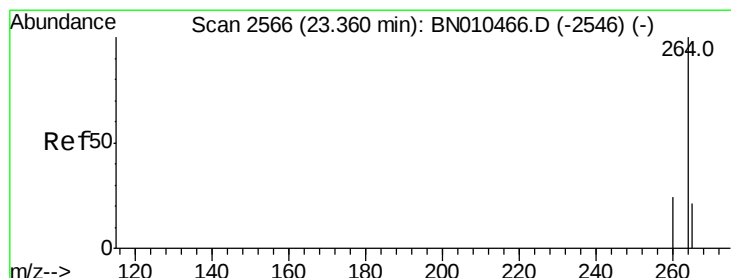
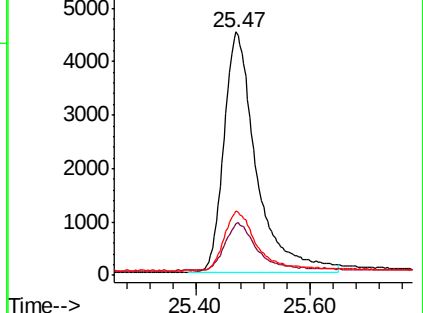
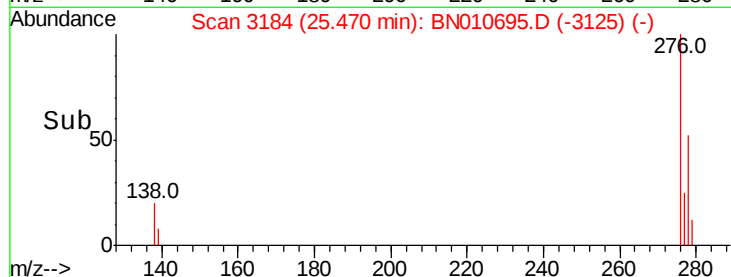
277 24.5 19.8 29.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.33 min Scan# 2558

Delta R.T. 0.00 min

Lab File: BN010695.D

Acq: 12 May 2020 11:21

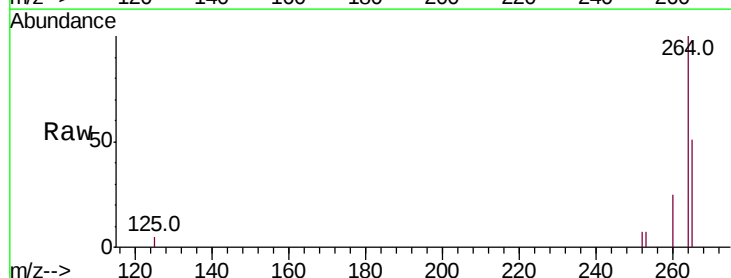
Tgt Ion:264 Resp: 25349

Ion Ratio Lower Upper

264 100

260 24.7 19.8 29.8

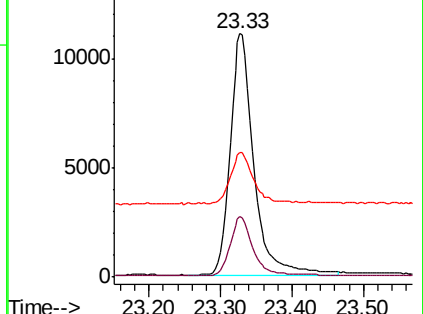
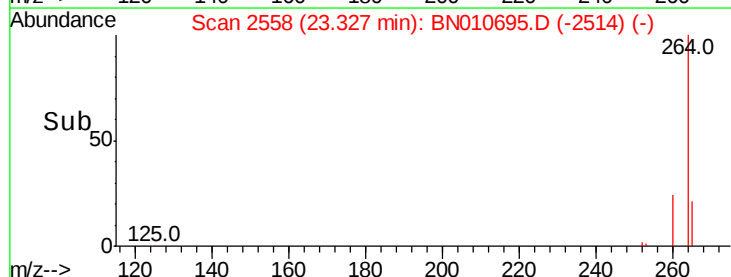
265 51.1 42.3 63.5

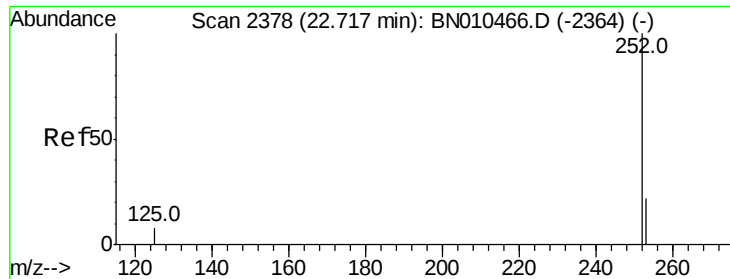


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

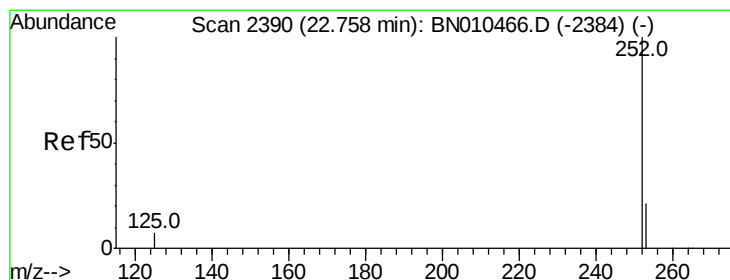
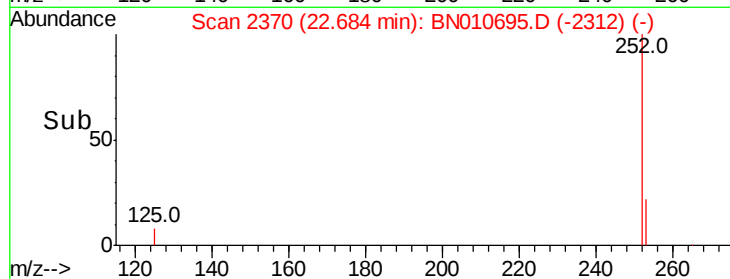
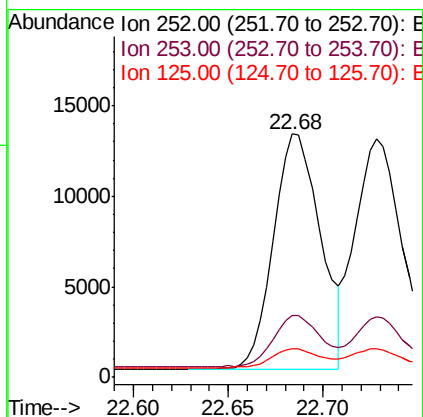
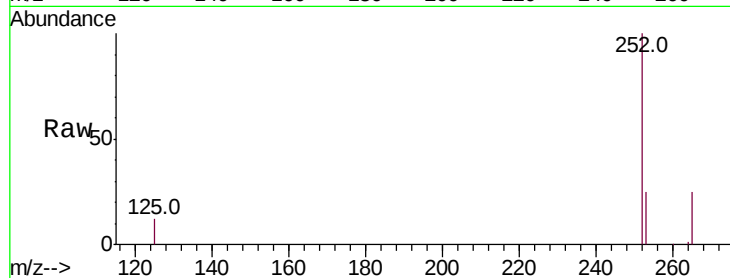




#35
Benzo(b)fluoranthene
Concen: 0.268 ng
RT: 22.68 min Scan# 2370
Delta R.T. 0.00 min
Lab File: BN010695.D
Acq: 12 May 2020 11:21

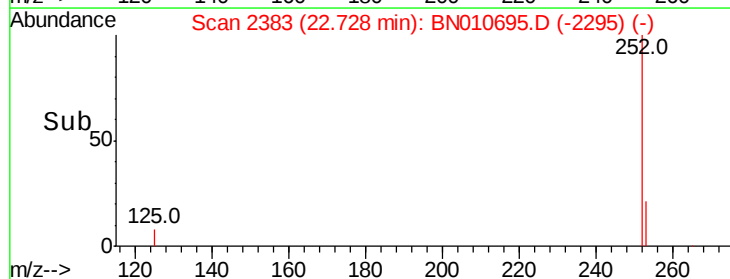
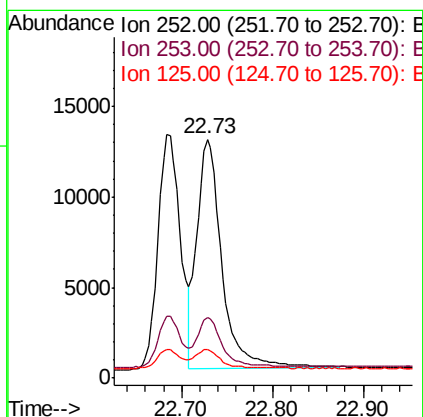
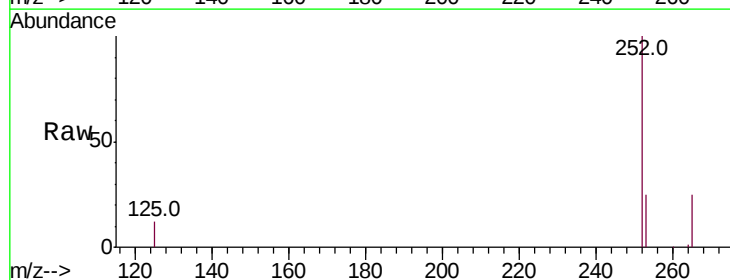
Instrument :
BNA_N
ClientSampleId :
PB128768BS

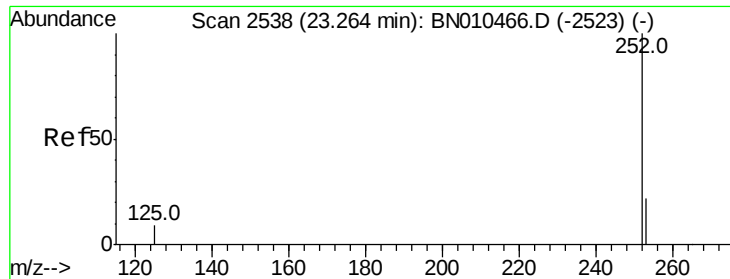
Tot Ion:252 Resp: 22354
Ion Ratio Lower Upper
252 100
253 25.2 20.2 30.4
125 11.7 9.2 13.8



#36
Benzo(k)fluoranthene
Concen: 0.289 ng
RT: 22.73 min Scan# 2383
Delta R.T. 0.00 min
Lab File: BN010695.D
Acq: 12 May 2020 11:21

Tgt Ion:252 Resp: 24134
Ion Ratio Lower Upper
252 100
253 25.1 20.1 30.1
125 12.0 9.6 14.4





#37

Benzo(a)pyrene

Concen: 0.251 ng

RT: 23.24 min Scan# 2531

Delta R.T. 0.00 min

Lab File: BN010695.D

Acq: 12 May 2020 11:21

Instrument :

BNA_N

ClientSampleId :

PB128768BS

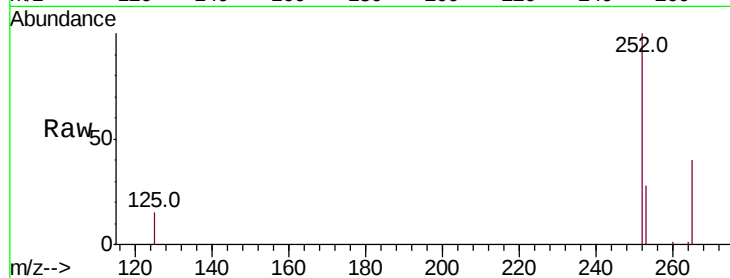
Tot Ion:252 Resp: 18557

Ion Ratio Lower Upper

252 100

253 27.8 21.8 32.8

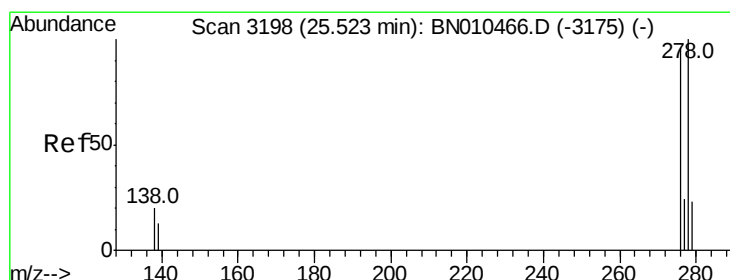
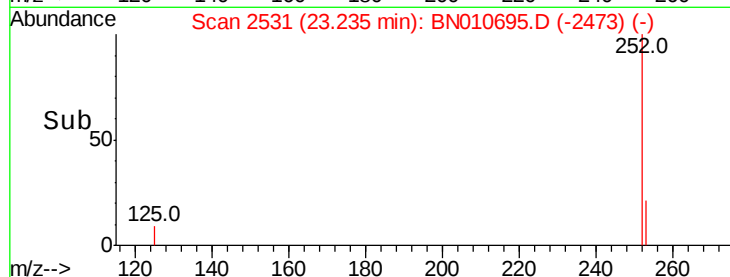
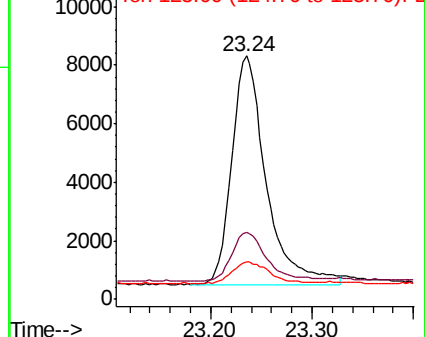
125 15.3 11.0 16.6



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: 0.193 ng

RT: 25.49 min Scan# 3190

Delta R.T. 0.00 min

Lab File: BN010695.D

Acq: 12 May 2020 11:21

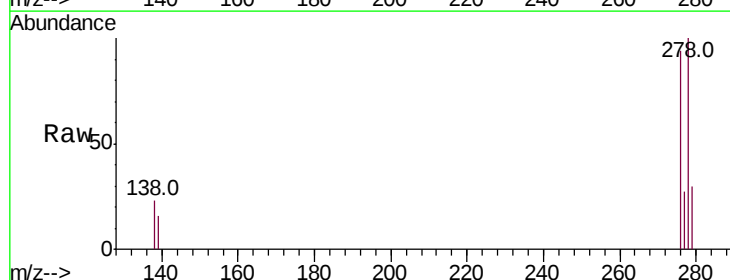
Tgt Ion:278 Resp: 13062

Ion Ratio Lower Upper

278 100

139 15.7 12.3 18.5

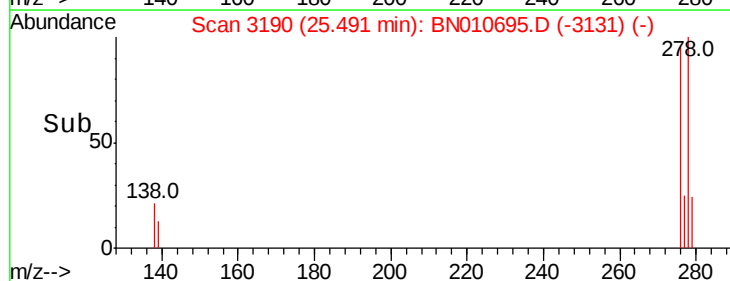
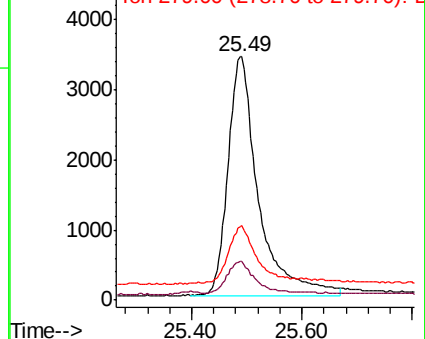
279 30.4 21.9 32.9

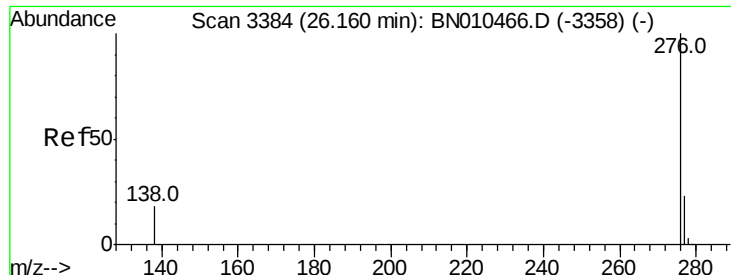


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.263 ng

RT: 26.11 min Scan# 3371

Delta R.T. 0.00 min

Lab File: BN010695.D

Acq: 12 May 2020 11:21

Instrument :

BNA_N

ClientSampleId :

PB128768BS

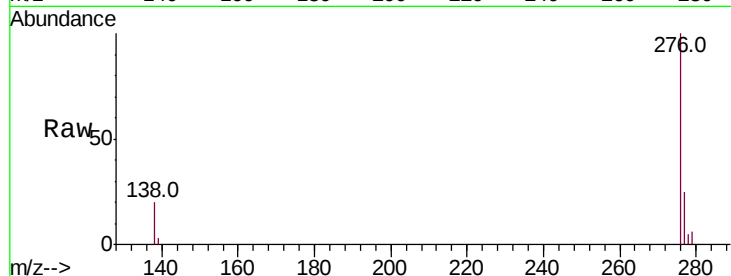
Tot Ion:276 Resp: 17914

Ion Ratio Lower Upper

276 100

277 24.9 20.2 30.2

138 19.9 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

