

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN043020\
 Data File : BN010673.D
 Acq On : 30 Apr 2020 14:26
 Operator : CG/JU
 Sample : PB128575BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB128575BS

Quant Time: Apr 30 14:56:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 30 11:18:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	3183	0.40	ng	0.00
7) Naphthalene-d8	10.34	136	12847	0.40	ng	0.01
13) Acenaphthene-d10	14.21	164	8184	0.40	ng	0.00
19) Phenanthrene-d10	16.95	188	17464	0.40	ng	0.00
27) Chrysene-d12	21.17	240	13118	0.40	ng	0.00
34) Perylene-d12	23.33	264	11702	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.23	112	2212	0.32	ng	0.00
5) Phenol-d6	6.78	99	2702	0.30	ng	0.00
8) Nitrobenzene-d5	8.72	82	2753	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	11.93	152	9910	0.47	ng	0.00
14) 2,4,6-Tribromophenol	15.70	330	845	0.22	ng	0.00
15) 2-Fluorobiphenyl	12.83	172	9429	0.32	ng	0.00
25) Fluoranthene-d10	18.99	212	13134	0.25	ng	0.00
29) Terphenyl-d14	19.61	244	10077	0.34	ng	0.00

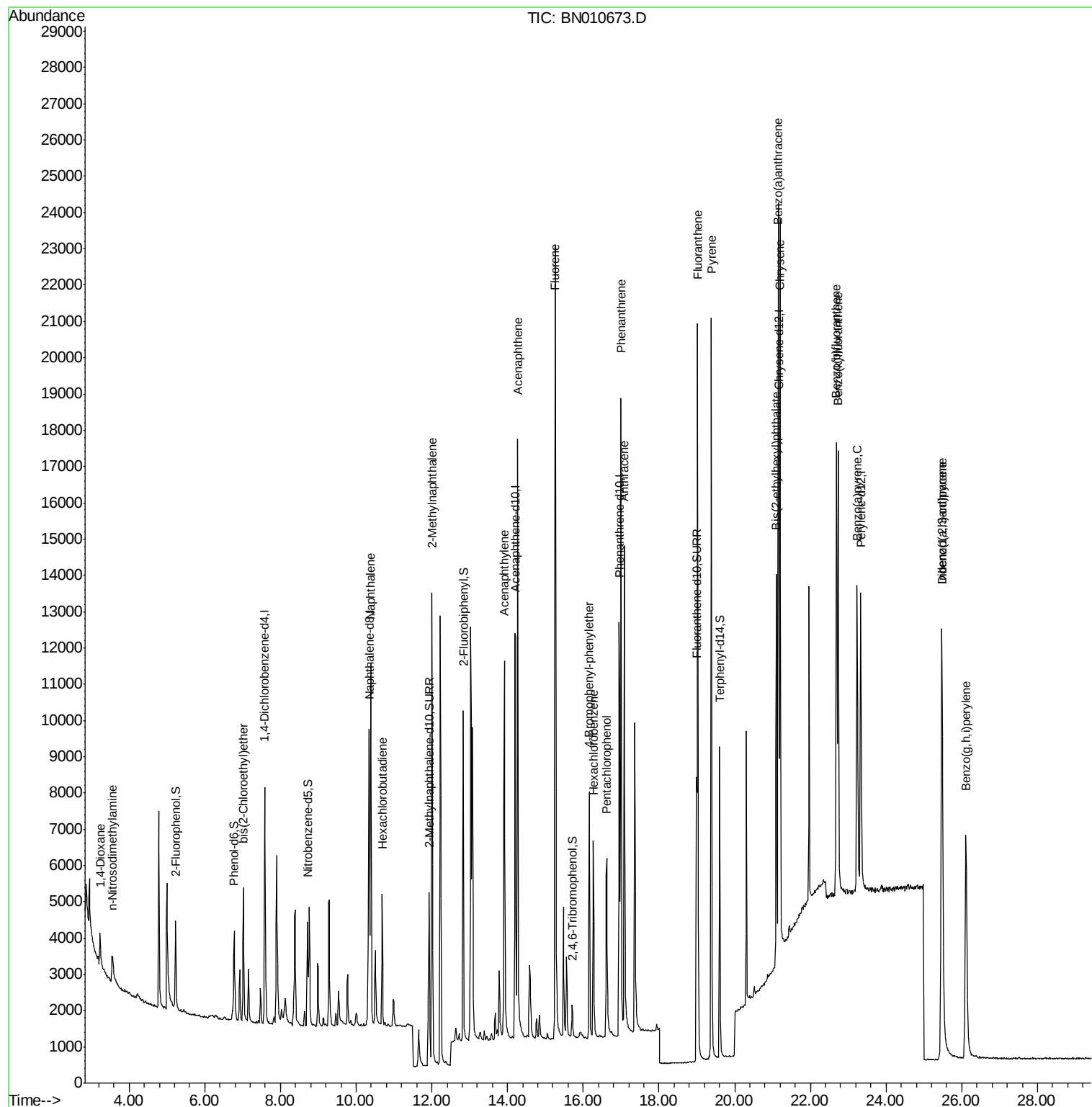
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.23	88	818	0.349	ng	# 78
3) n-Nitrosodimethylamine	3.55	42	621	0.409	ng	# 92
6) bis(2-Chloroethyl)ether	7.03	93	3393	0.430	ng	98
9) Naphthalene	10.38	128	13439	0.421	ng	98
10) Hexachlorobutadiene	10.68	225	2881	0.375	ng	# 99
12) 2-Methylnaphthalene	12.01	142	9773	0.426	ng	99
16) Acenaphthylene	13.92	152	13728	0.388	ng	100
17) Acenaphthene	14.26	154	9237	0.407	ng	100
18) Fluorene	15.26	166	12293	0.413	ng	99
20) 4-Bromophenyl-phenylether	16.15	248	3827	0.394	ng	# 77
21) Hexachlorobenzene	16.27	284	4598	0.415	ng	98
22) Pentachlorophenol	16.62	266	3460	0.794	ng	97
23) Phenanthrene	16.99	178	19356	0.410	ng	100
24) Anthracene	17.09	178	16382	0.380	ng	100
26) Fluoranthene	19.02	202	20606	0.351	ng	99
28) Pyrene	19.39	202	20273	0.459	ng	99
30) Benzo(a)anthracene	21.14	228	16068	0.375	ng	100
31) Chrysene	21.20	228	17009	0.399	ng	99
32) Bis(2-ethylhexyl)phthalate	21.10	149	7359	0.335	ng	98
33) Indeno(1,2,3-cd)pyrene	25.47	276	16955	0.450	ng	100
35) Benzo(b)fluoranthene	22.69	252	15831	0.411	ng	96
36) Benzo(k)fluoranthene	22.73	252	16750	0.434	ng	96
37) Benzo(a)pyrene	23.24	252	14215	0.417	ng	94
38) Dibenzo(a,h)anthracene	25.48	278	13640	0.437	ng	99
39) Benzo(g,h,i)perylene	26.11	276	15173	0.483	ng	100

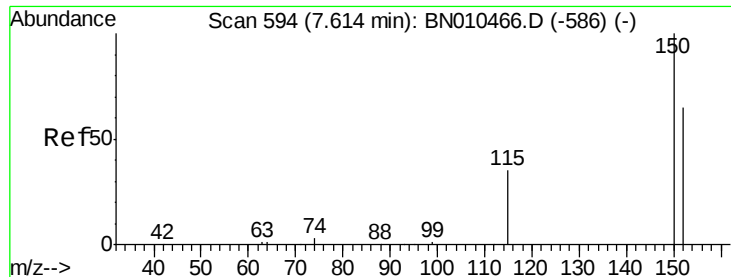
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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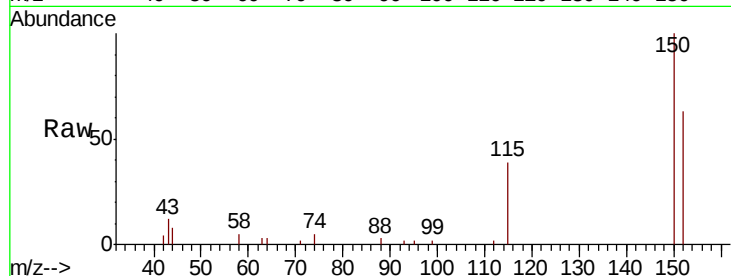


#1

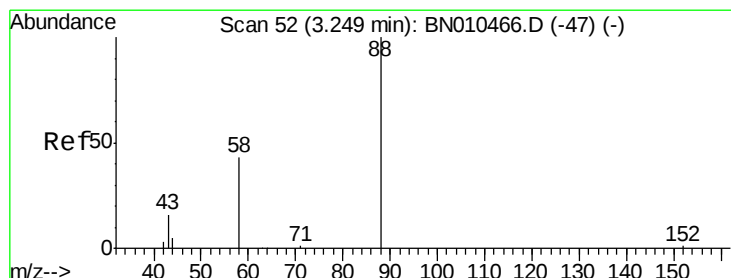
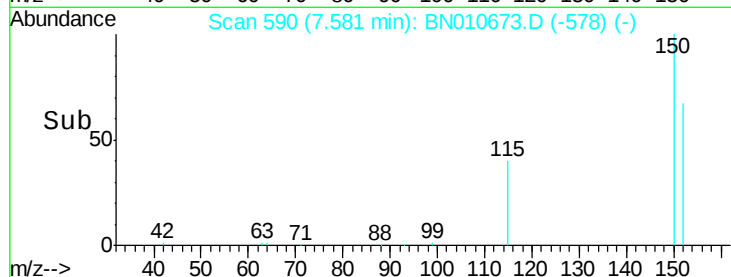
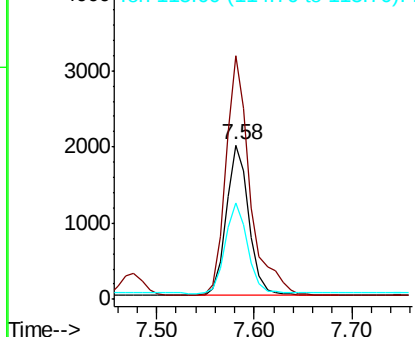
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.58 min Scan# 590
Delta R.T. 0.00 min
Lab File: BN010673.D
Acq: 30 Apr 2020 14:26

Instrument :
BNA_N
ClientSampleId :
PB128575BS

Tot Ion:152 Resp: 3183
Ion Ratio Lower Upper
152 100
150 157.6 121.8 182.6
115 62.1 45.5 68.3



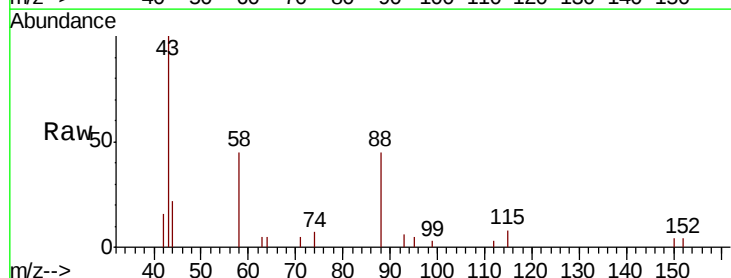
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



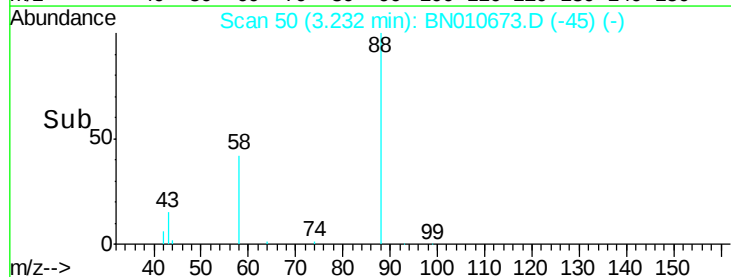
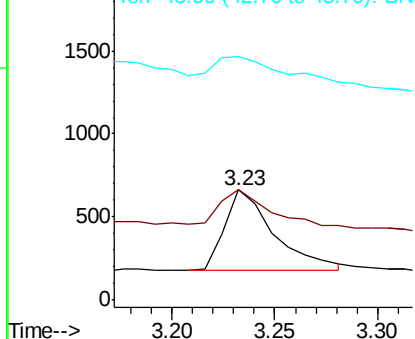
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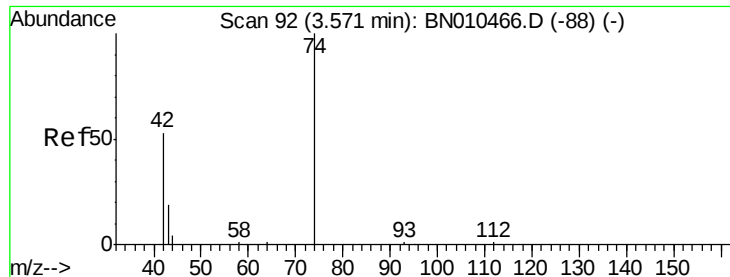
1,4-Dioxane
Concen: 0.349 ng
RT: 3.23 min Scan# 50
Delta R.T. -0.01 min
Lab File: BN010673.D
Acq: 30 Apr 2020 14:26

Tgt Ion: 88 Resp: 818
Ion Ratio Lower Upper
88 100
58 40.0 36.5 54.7
43 41.3 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



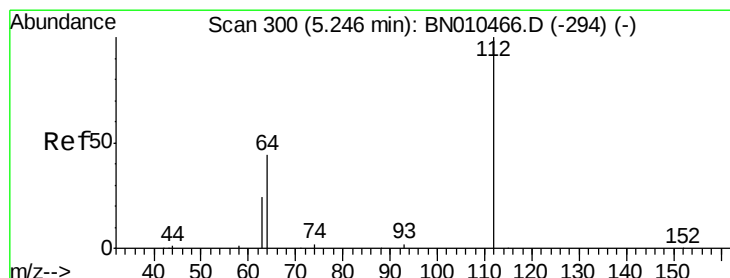
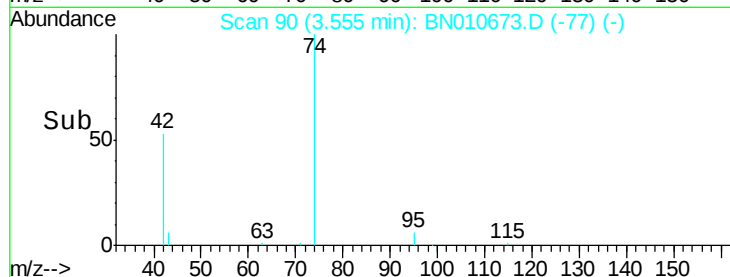
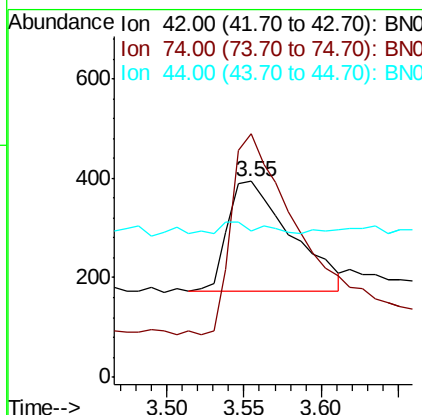
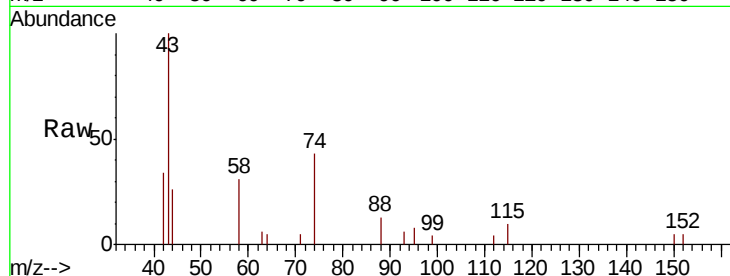


#3

n-Nitrosodimethylamine
 Concen: 0.409 ng
 RT: 3.55 min Scan# 90
 Delta R.T. 0.01 min
 Lab File: BN010673.D
 Acq: 30 Apr 2020 14:26

Instrument :
 BNA_N
 ClientSampleId :
 PB128575BS

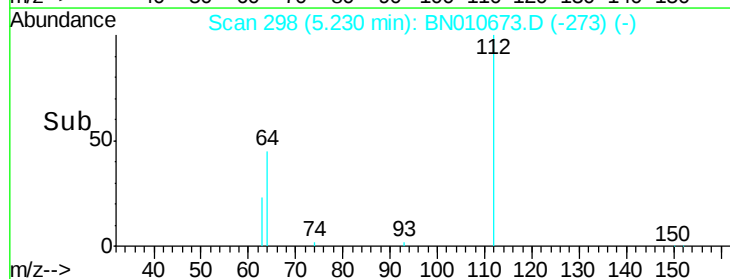
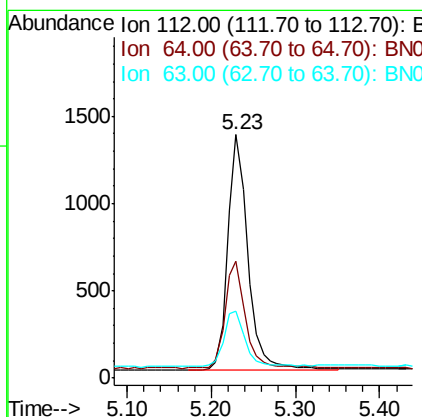
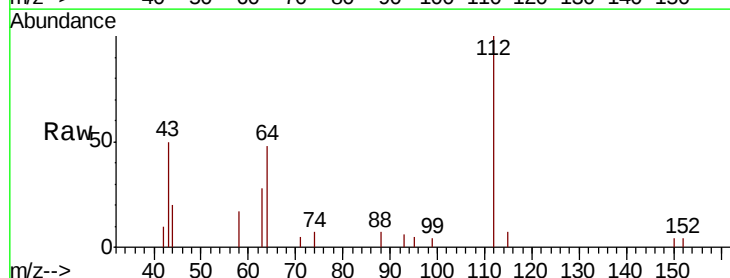
Tot Ion: 42 Resp: 621
 Ion Ratio Lower Upper
 42 100
 74 190.2 162.2 243.4
 44 7.2 2.4 3.6#

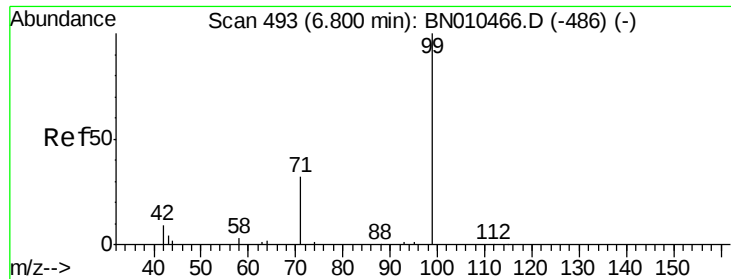


#4

2-Fluorophenol
 Concen: 0.317 ng
 RT: 5.23 min Scan# 298
 Delta R.T. 0.00 min
 Lab File: BN010673.D
 Acq: 30 Apr 2020 14:26

Tgt Ion: 112 Resp: 2212
 Ion Ratio Lower Upper
 112 100
 64 46.3 35.8 53.8
 63 25.3 19.9 29.9





#5

Phenol-d6

Concen: 0.297 ng

RT: 6.78 min Scan# 490

Delta R.T. 0.00 min

Lab File: BN010673.D

Acq: 30 Apr 2020 14:26

Instrument :

BNA_N

ClientSampleId :

PB128575BS

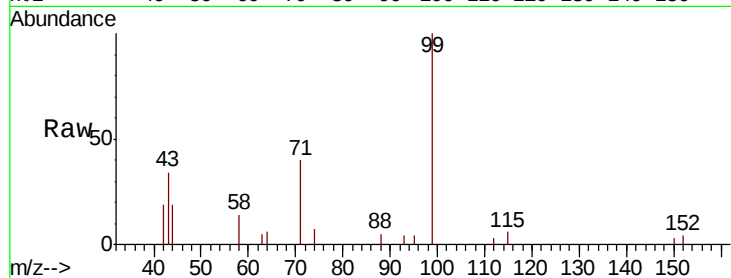
Tot Ion: 99 Resp: 2702

Ion Ratio Lower Upper

99 100

42 12.5 9.8 14.6

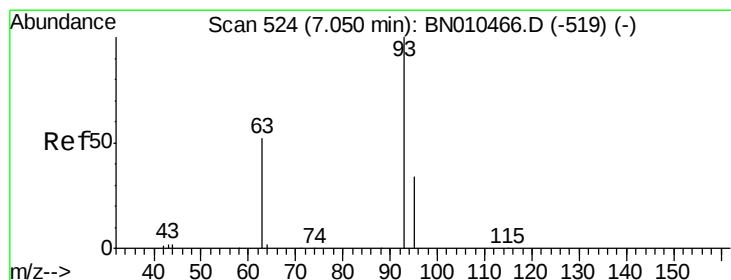
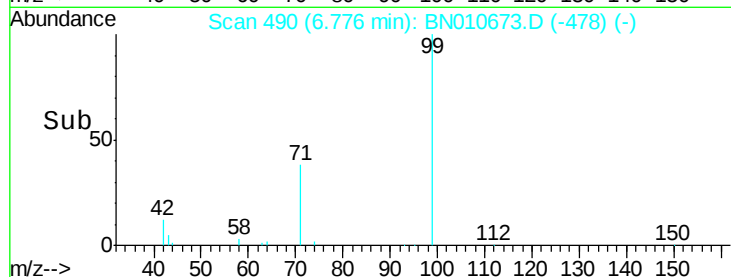
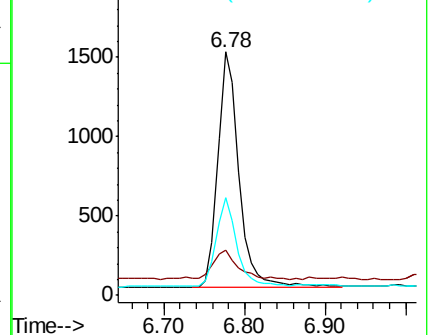
71 36.2 27.8 41.8



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

Ion 42.00 (41.70 to 42.70): BN010466.D (-486) (-)

Ion 71.00 (70.70 to 71.70): BN010466.D (-486) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.430 ng

RT: 7.03 min Scan# 521

Delta R.T. 0.01 min

Lab File: BN010673.D

Acq: 30 Apr 2020 14:26

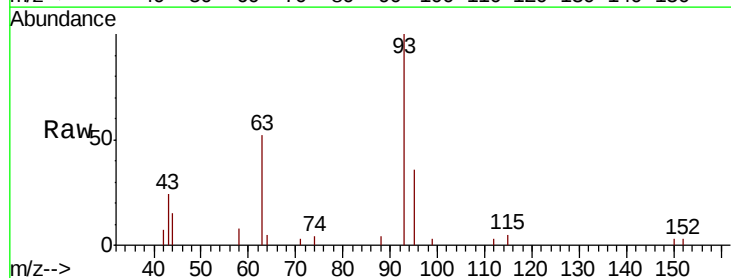
Tgt Ion: 93 Resp: 3393

Ion Ratio Lower Upper

93 100

63 57.6 44.6 66.8

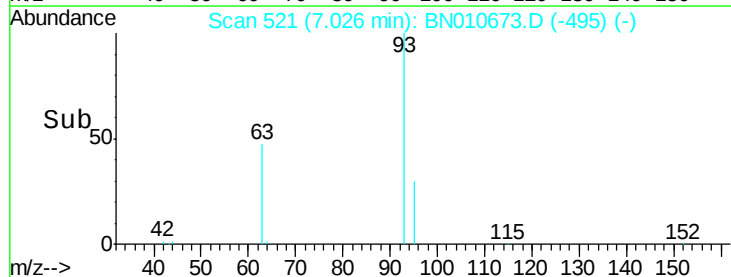
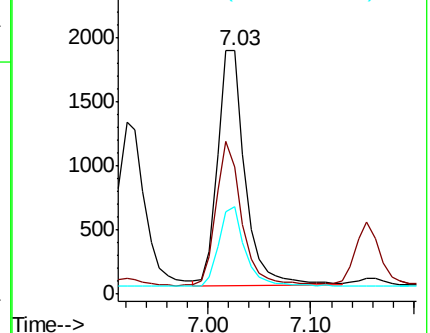
95 32.7 26.5 39.7

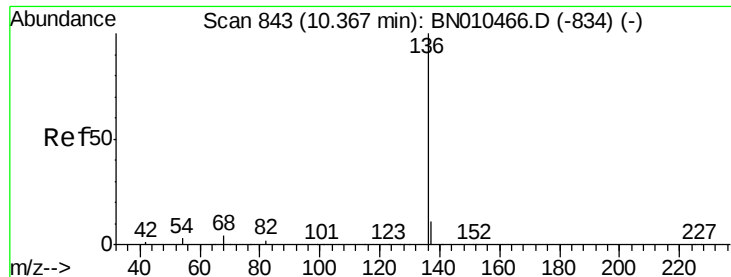


Abundance Ion 93.00 (92.70 to 93.70): BN010466.D (-519) (-)

Ion 63.00 (62.70 to 63.70): BN010466.D (-519) (-)

Ion 95.00 (94.70 to 95.70): BN010466.D (-519) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.34 min Scan# 841

Delta R.T. 0.01 min

Lab File: BN010673.D

Acq: 30 Apr 2020 14:26

Instrument :

BNA_N

ClientSampleId :

PB128575BS

Tot Ion:136 Resp: 12847

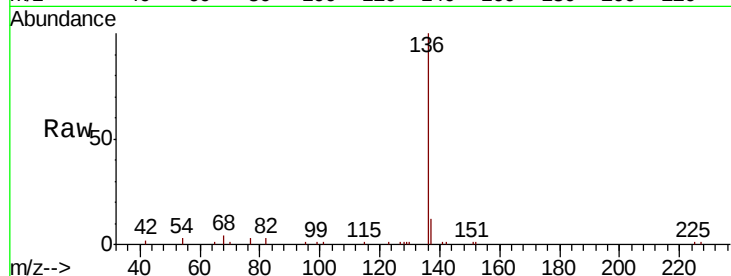
Ion Ratio Lower Upper

136 100

137 11.7 8.9 13.3

54 3.0 2.6 4.0

68 3.7 3.4 5.2

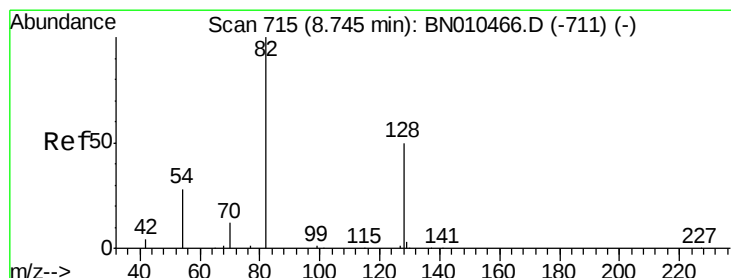
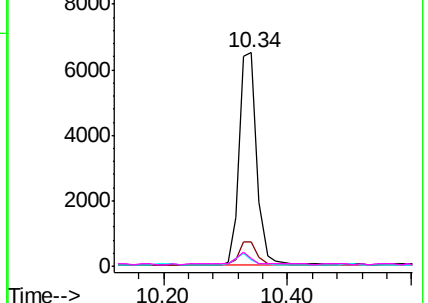
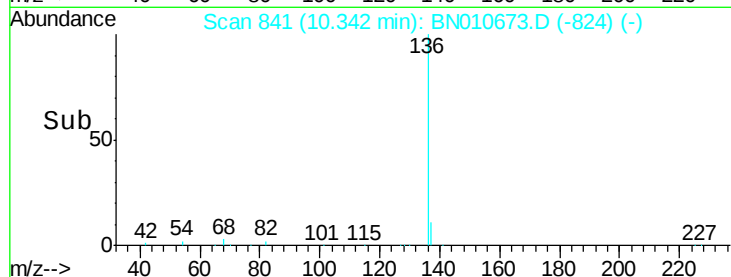


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.307 ng

RT: 8.72 min Scan# 713

Delta R.T. 0.00 min

Lab File: BN010673.D

Acq: 30 Apr 2020 14:26

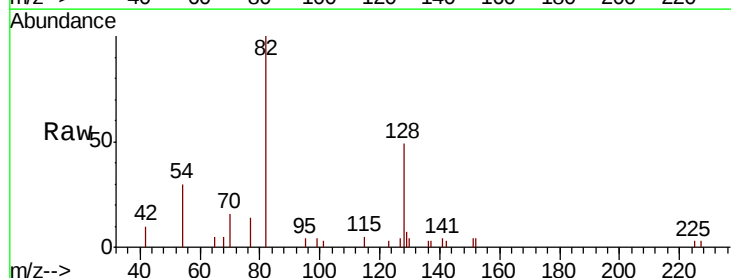
Tgt Ion: 82 Resp: 2753

Ion Ratio Lower Upper

82 100

128 49.4 41.3 61.9

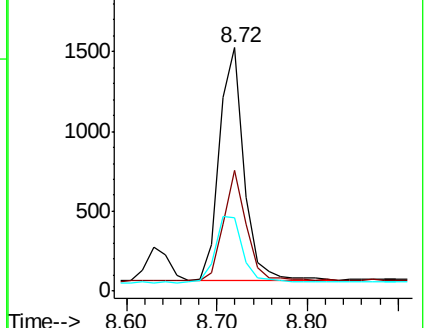
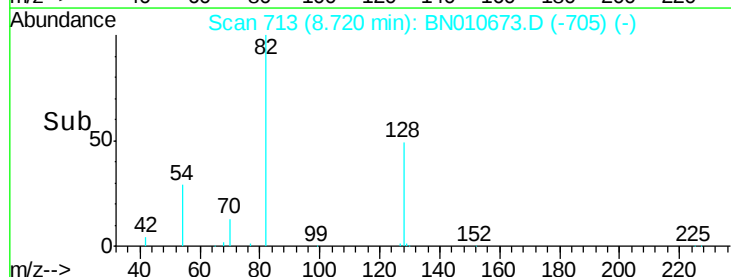
54 30.2 23.4 35.0

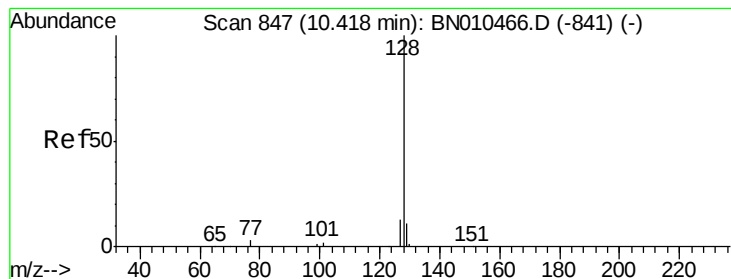


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.421 ng

RT: 10.38 min Scan# 844

Delta R.T. 0.00 min

Lab File: BN010673.D

Acq: 30 Apr 2020 14:26

Instrument :

BNA_N

ClientSampleId :

PB128575BS

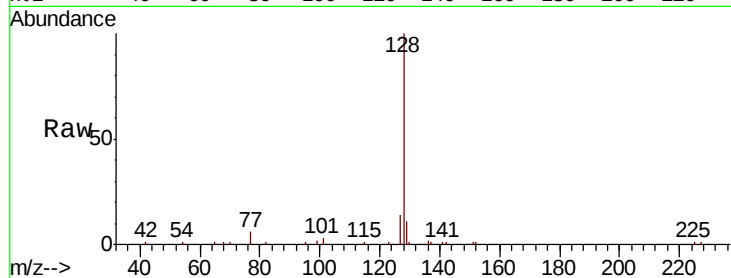
Tot Ion:128 Resp: 13439

Ion Ratio Lower Upper

128 100

129 11.2 9.3 13.9

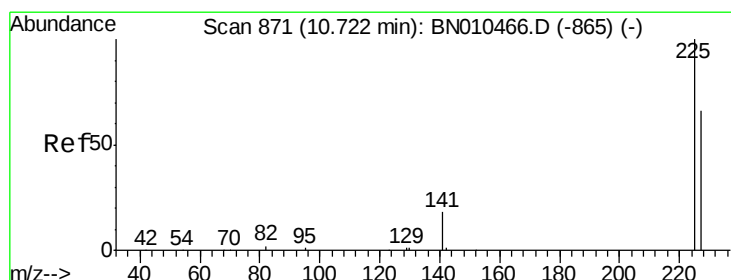
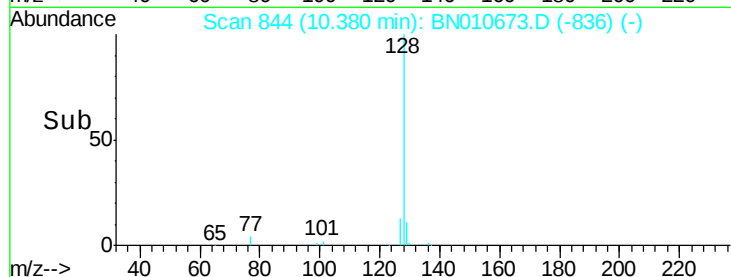
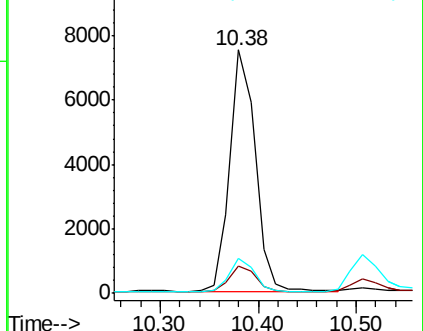
127 14.1 10.5 15.7



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: 0.375 ng

RT: 10.68 min Scan# 868

Delta R.T. 0.00 min

Lab File: BN010673.D

Acq: 30 Apr 2020 14:26

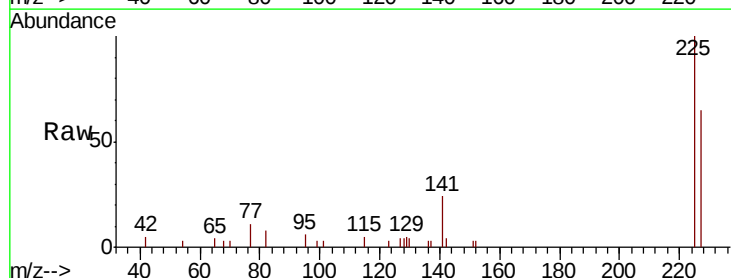
Tgt Ion:225 Resp: 2881

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

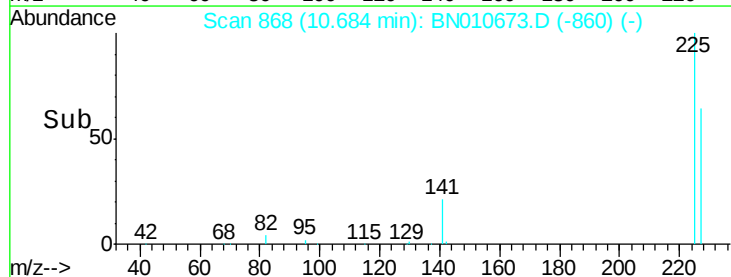
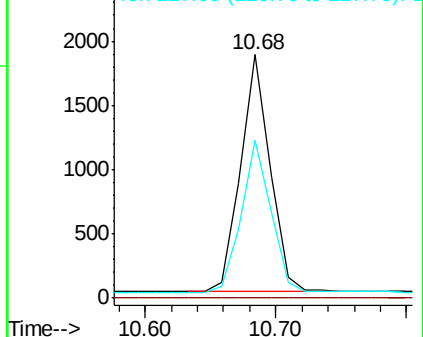
227 63.8 50.6 76.0

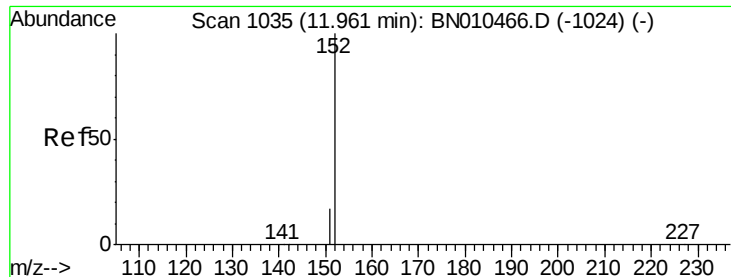


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

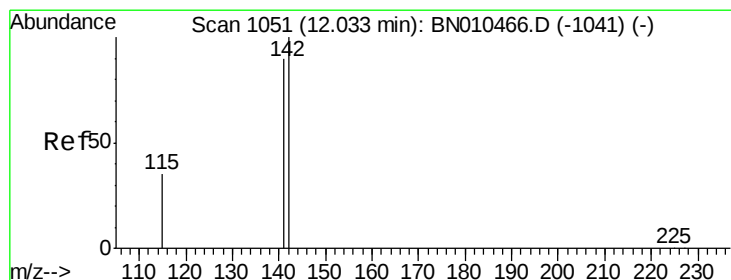
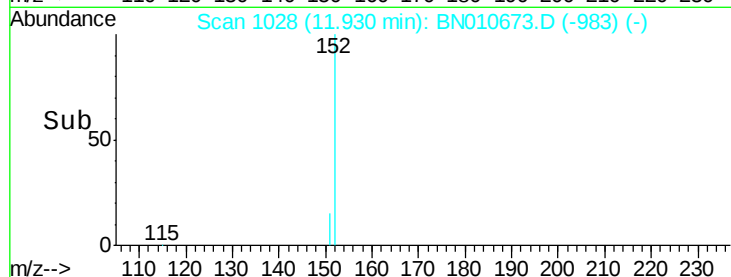
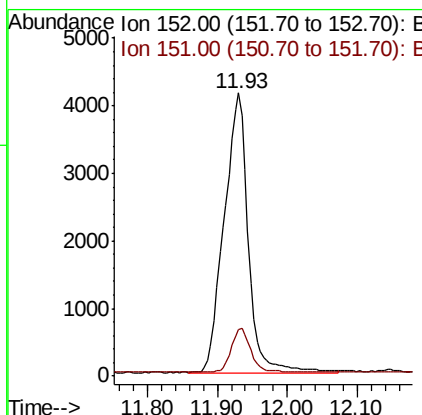
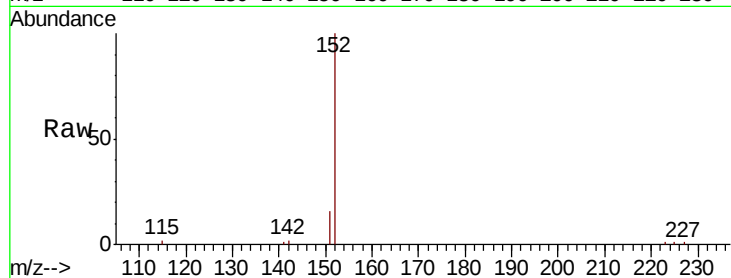




#11
2-Methylnaphthalene-d10
Concen: 0.469 ng
RT: 11.93 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BN010673.D
Acq: 30 Apr 2020 14:26

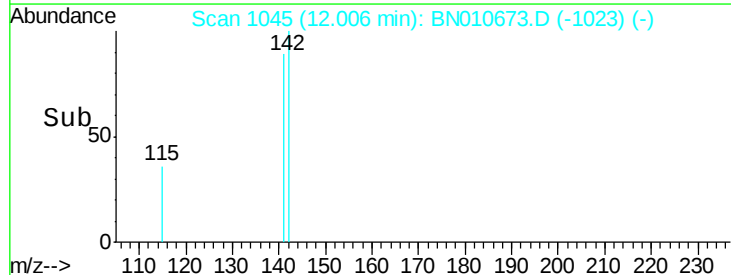
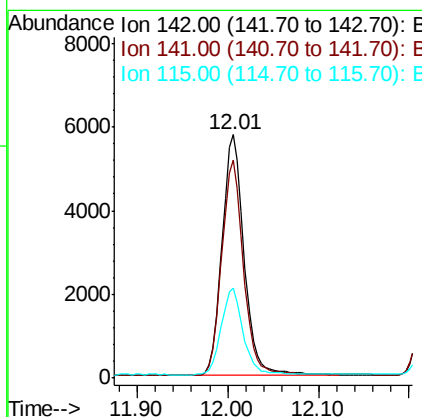
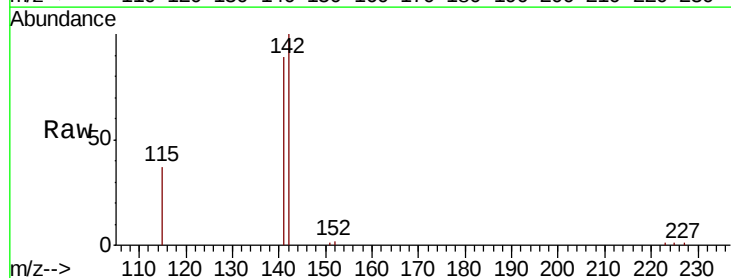
Instrument :
BNA_N
ClientSampleId :
PB128575BS

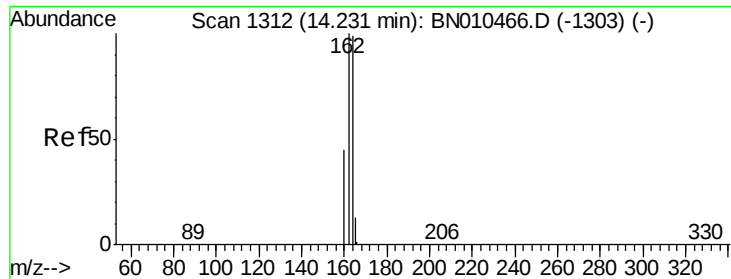
Tot Ion:152 Resp: 9910
Ion Ratio Lower Upper
152 100
151 12.5 15.3 22.9#



#12
2-Methylnaphthalene
Concen: 0.426 ng
RT: 12.01 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BN010673.D
Acq: 30 Apr 2020 14:26

Tgt Ion:142 Resp: 9773
Ion Ratio Lower Upper
142 100
141 89.3 71.9 107.9
115 37.0 28.8 43.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.21 min Scan# 1310

Delta R.T. 0.01 min

Lab File: BN010673.D

Acq: 30 Apr 2020 14:26

Instrument :

BNA_N

ClientSampleId :

PB128575BS

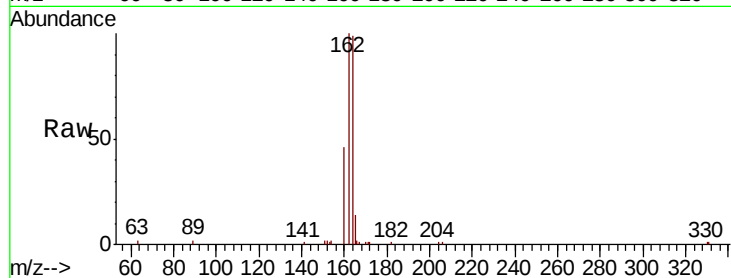
Tot Ion:164 Resp: 8184

Ion Ratio Lower Upper

164 100

162 100.6 80.6 121.0

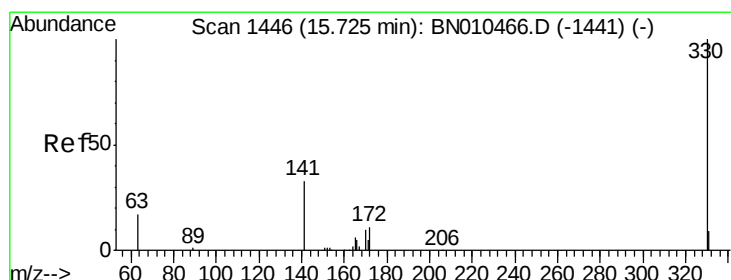
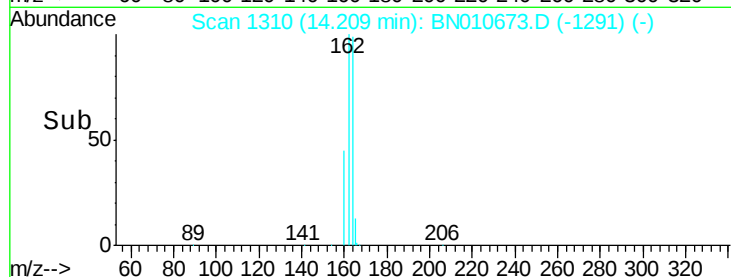
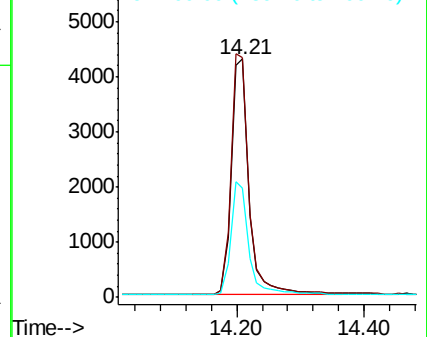
160 46.1 36.5 54.7



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: 0.219 ng

RT: 15.70 min Scan# 1444

Delta R.T. -0.00 min

Lab File: BN010673.D

Acq: 30 Apr 2020 14:26

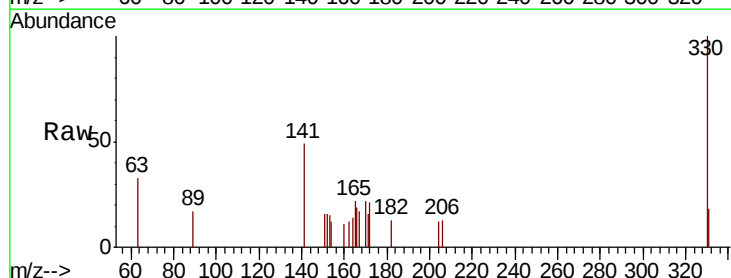
Tgt Ion:330 Resp: 845

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

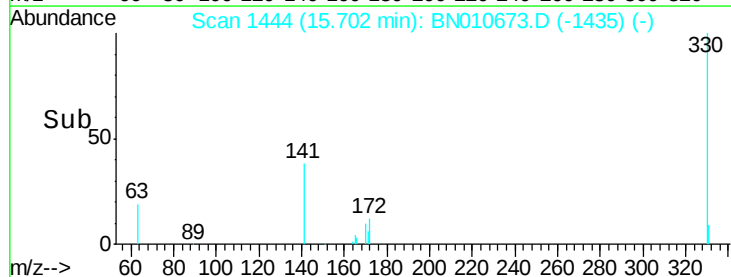
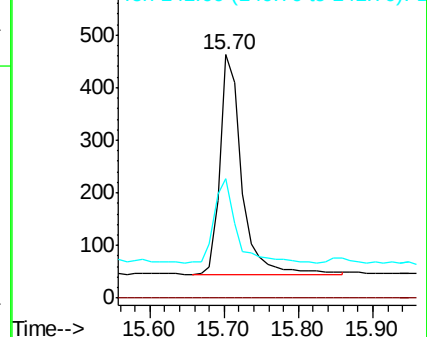
141 39.9 28.1 42.1

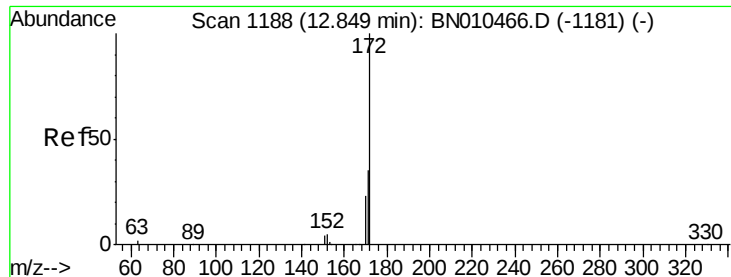


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

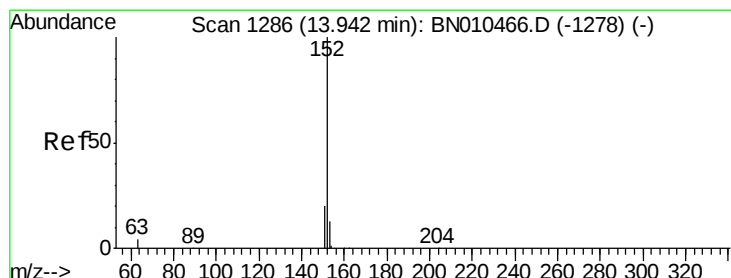
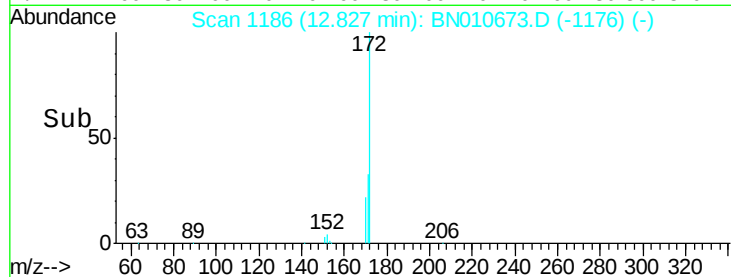
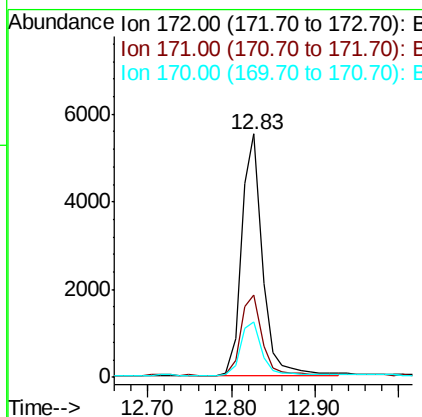
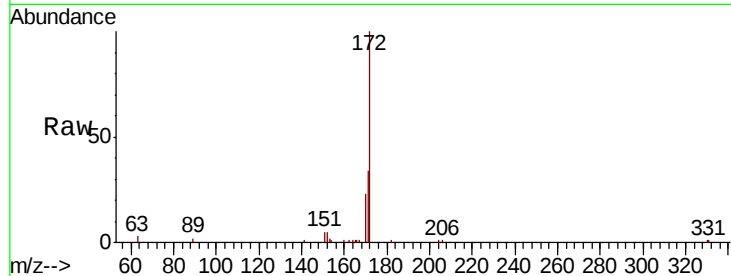




#15
2-Fluorobiphenyl
Concen: 0.317 ng
RT: 12.83 min Scan# 1186
Delta R.T. 0.01 min
Lab File: BN010673.D
Acq: 30 Apr 2020 14:26

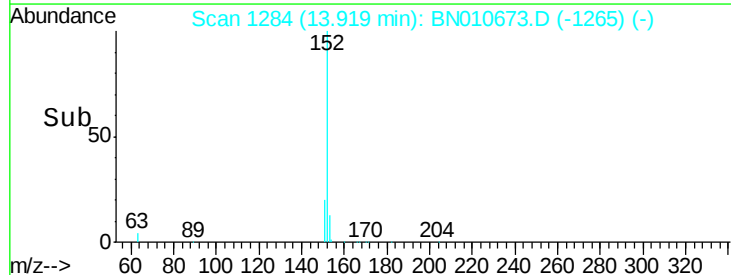
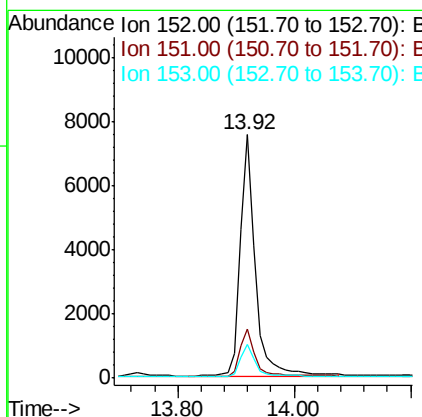
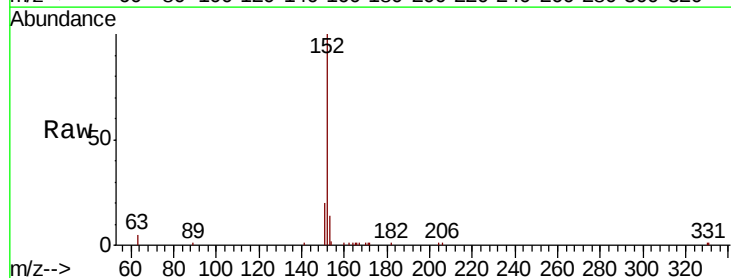
Instrument :
BNA_N
ClientSampleId :
PB128575BS

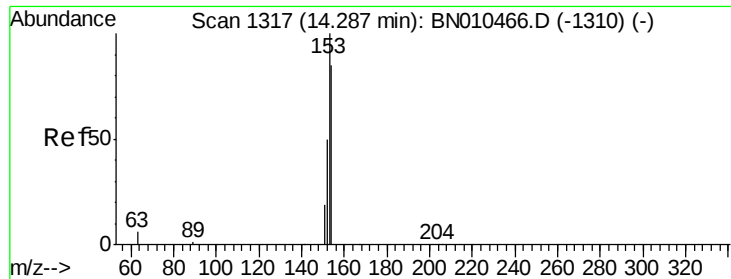
Tot Ion:172 Resp: 9429
Ion Ratio Lower Upper
172 100
171 34.0 28.2 42.2
170 22.6 18.4 27.6



#16
Acenaphthylene
Concen: 0.388 ng
RT: 13.92 min Scan# 1284
Delta R.T. 0.01 min
Lab File: BN010673.D
Acq: 30 Apr 2020 14:26

Tgt Ion:152 Resp: 13728
Ion Ratio Lower Upper
152 100
151 19.7 15.7 23.5
153 13.4 10.6 15.8





#17

Acenaphthene

Concen: 0.407 ng

RT: 14.26 min Scan# 1315

Delta R.T. -0.00 min

Lab File: BN010673.D

Acq: 30 Apr 2020 14:26

Instrument :

BNA_N

ClientSampleId :

PB128575BS

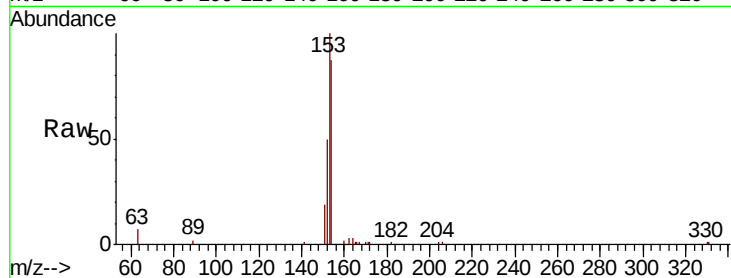
Tot Ion:154 Resp: 9237

Ion Ratio Lower Upper

154 100

153 113.4 91.0 136.4

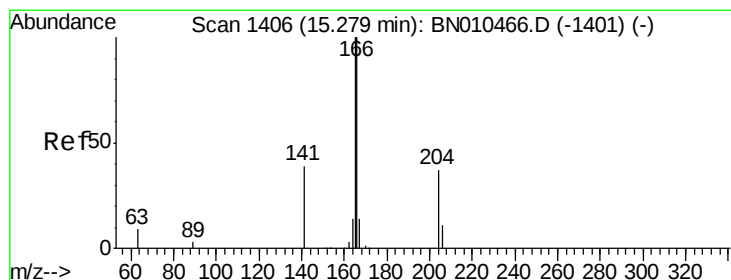
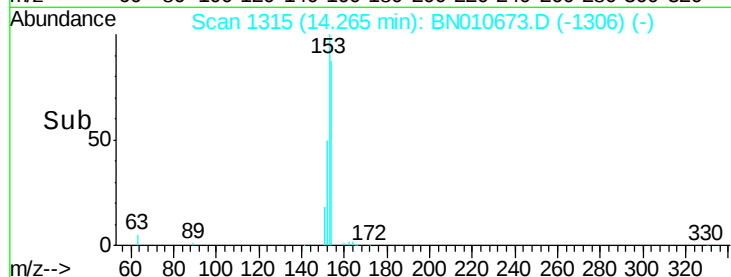
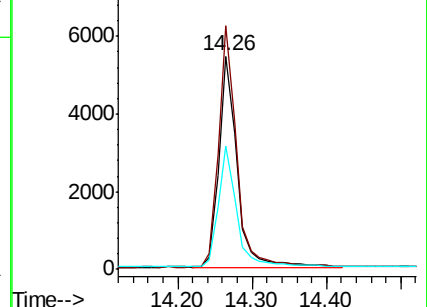
152 56.3 44.6 67.0



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: 0.413 ng

RT: 15.26 min Scan# 1404

Delta R.T. -0.00 min

Lab File: BN010673.D

Acq: 30 Apr 2020 14:26

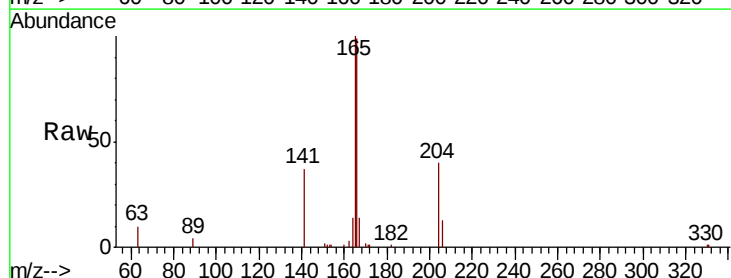
Tgt Ion:166 Resp: 12293

Ion Ratio Lower Upper

166 100

165 97.5 78.4 117.6

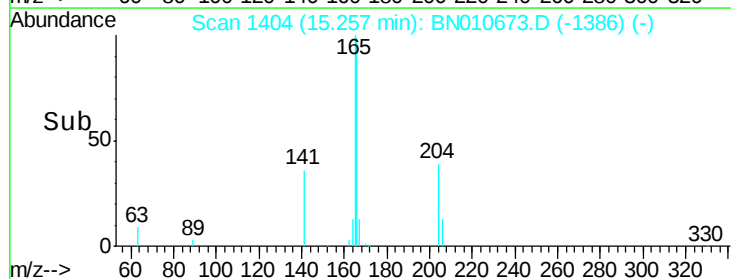
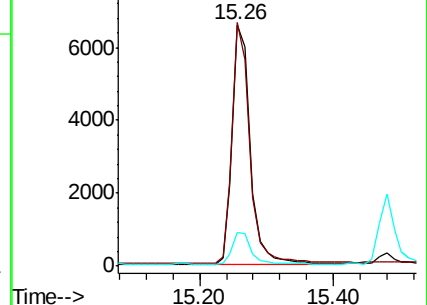
167 13.4 10.9 16.3

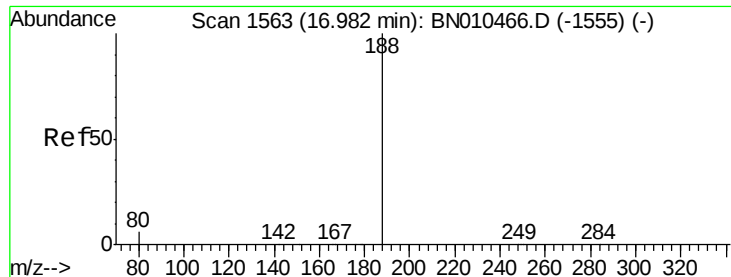


Abundance Ion 166.00 (165.70 to 166.70): E

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# 1560

Delta R.T. -0.00 min

Lab File: BN010673.D

Acq: 30 Apr 2020 14:26

Instrument :

BNA_N

ClientSampleId :

PB128575BS

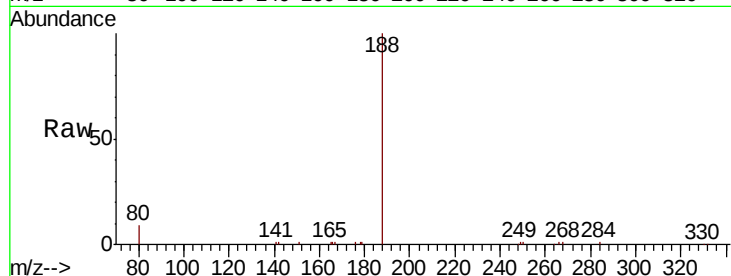
Tot Ion:188 Resp: 17464

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

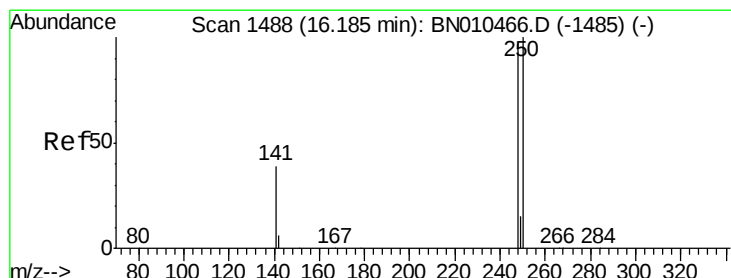
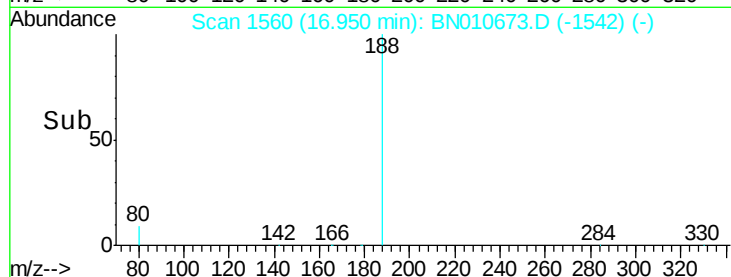
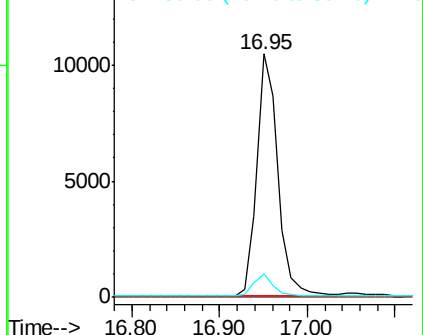
80 9.4 5.0 7.6#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#20

4-Bromophenyl-phenylether

Concen: 0.394 ng

RT: 16.15 min Scan# 1485

Delta R.T. -0.00 min

Lab File: BN010673.D

Acq: 30 Apr 2020 14:26

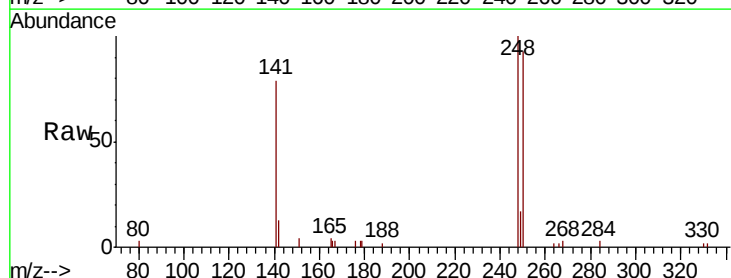
Tgt Ion:248 Resp: 3827

Ion Ratio Lower Upper

248 100

250 93.3 82.3 123.5

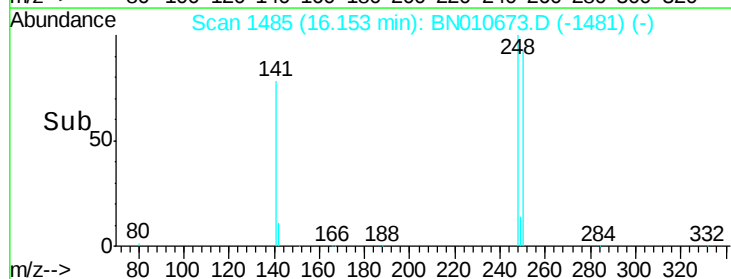
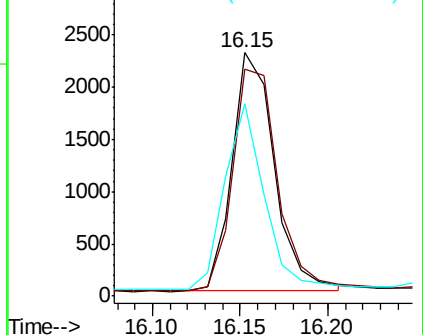
141 79.2 35.2 52.8#

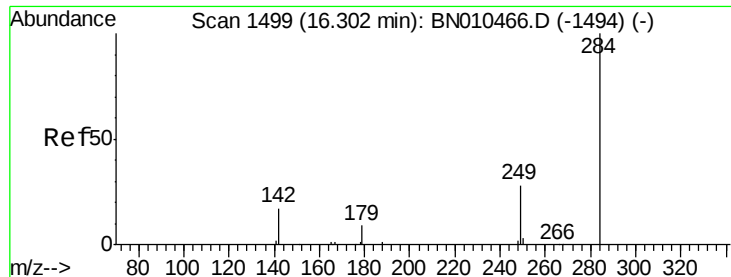


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.415 ng

RT: 16.27 min Scan# 1496

Delta R.T. -0.00 min

Lab File: BN010673.D

Acq: 30 Apr 2020 14:26

Instrument :

BNA_N

ClientSampleId :

PB128575BS

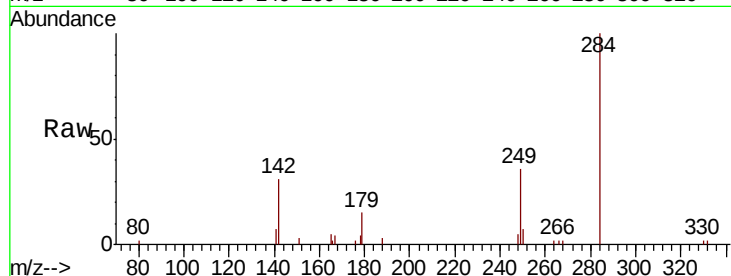
Tot Ion:284 Resp: 4598

Ion Ratio Lower Upper

284 100

142 33.8 25.5 38.3

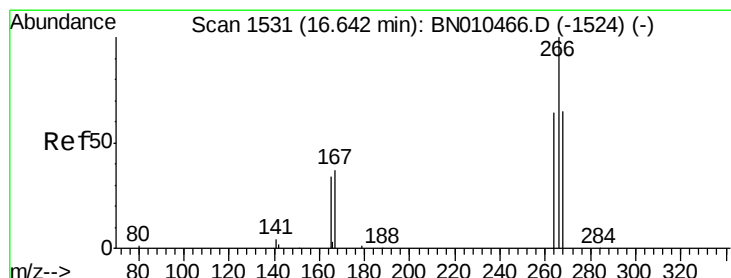
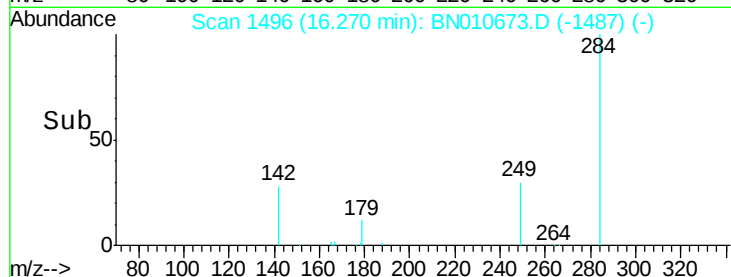
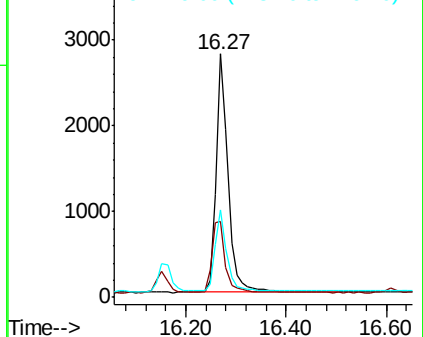
249 32.9 25.8 38.6



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: 0.794 ng

RT: 16.62 min Scan# 1529

Delta R.T. 0.01 min

Lab File: BN010673.D

Acq: 30 Apr 2020 14:26

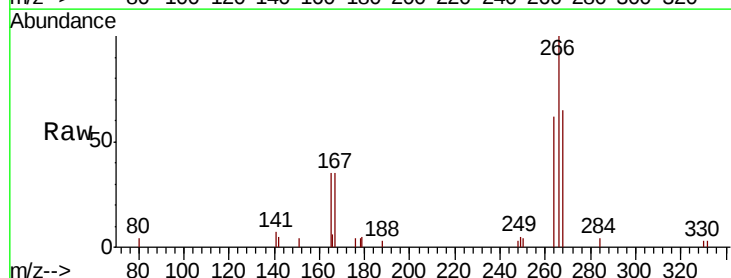
Tgt Ion:266 Resp: 3460

Ion Ratio Lower Upper

266 100

264 61.5 51.8 77.6

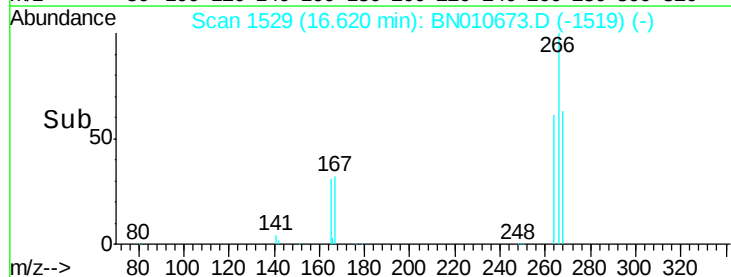
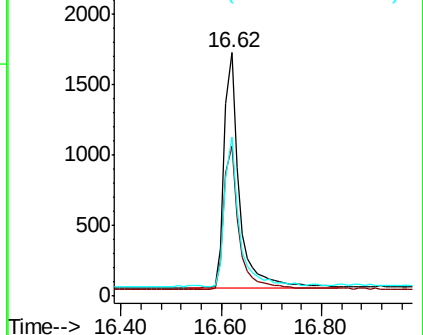
268 65.5 53.7 80.5

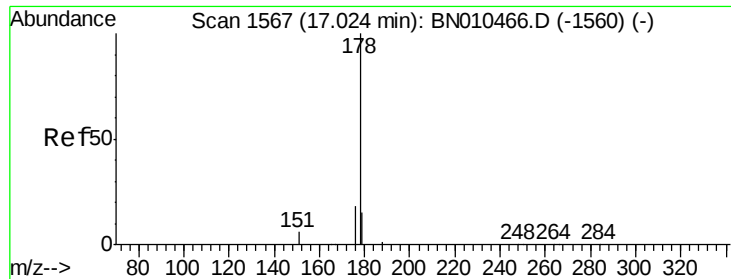


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.410 ng

RT: 16.99 min Scan# 1564

Delta R.T. -0.00 min

Lab File: BN010673.D

Acq: 30 Apr 2020 14:26

Instrument :

BNA_N

ClientSampleId :

PB128575BS

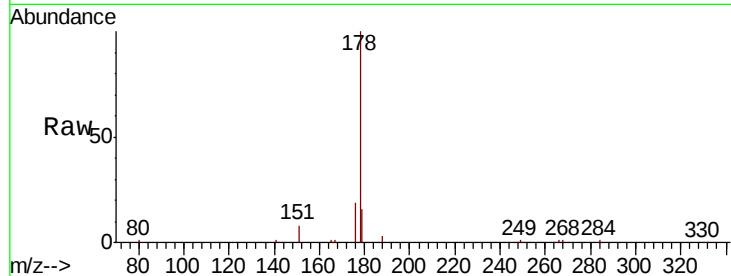
Tot Ion:178 Resp: 19356

Ion Ratio Lower Upper

178 100

176 18.5 15.0 22.4

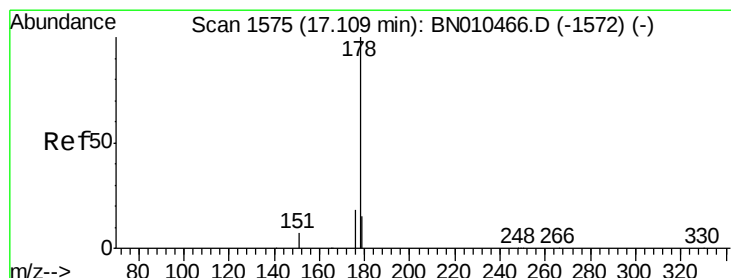
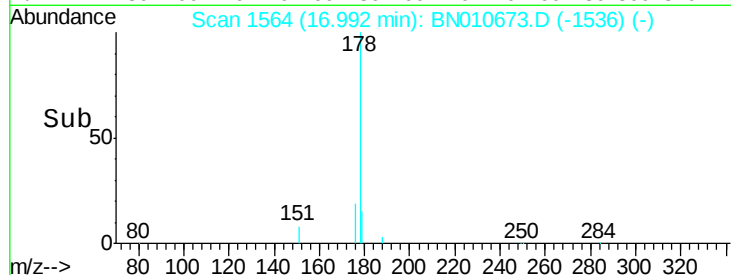
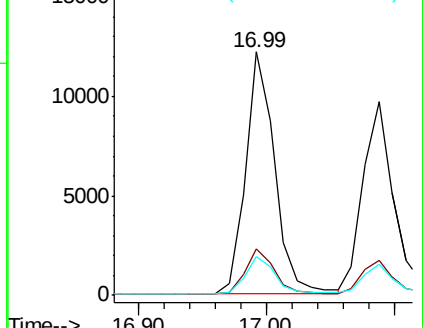
179 15.5 12.6 18.8



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: 0.380 ng

RT: 17.09 min Scan# 1573

Delta R.T. 0.01 min

Lab File: BN010673.D

Acq: 30 Apr 2020 14:26

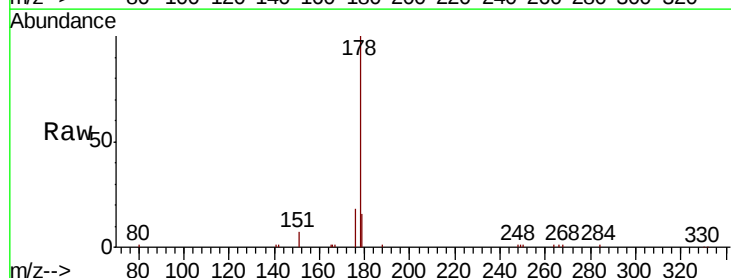
Tgt Ion:178 Resp: 16382

Ion Ratio Lower Upper

178 100

176 18.1 14.6 21.8

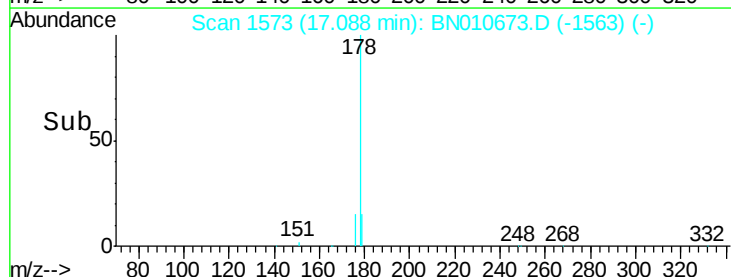
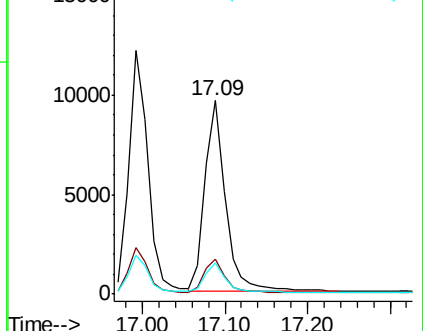
179 15.3 12.2 18.2

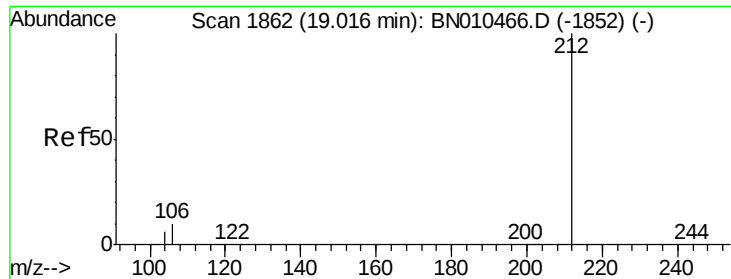


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.248 ng

RT: 18.99 min Scan# 1857

Delta R.T. 0.00 min

Lab File: BN010673.D

Acq: 30 Apr 2020 14:26

Instrument :

BNA_N

ClientSampleId :

PB128575BS

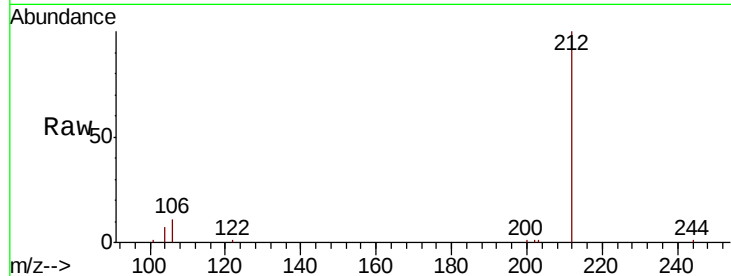
Tot Ion:212 Resp: 13134

Ion Ratio Lower Upper

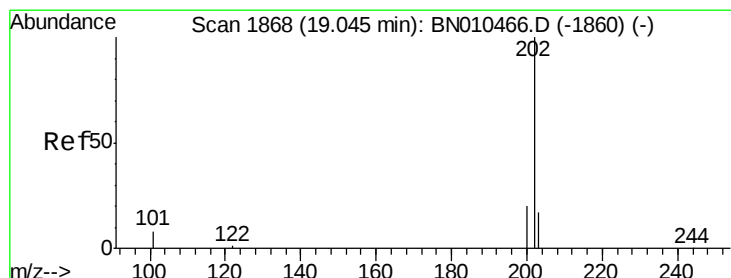
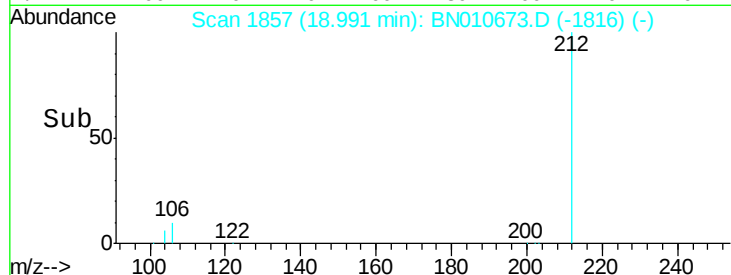
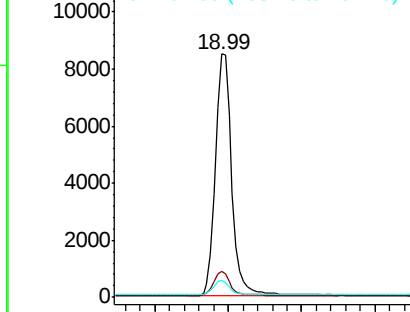
212 100

106 9.9 7.8 11.6

104 6.1 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: 0.351 ng

RT: 19.02 min Scan# 1863

Delta R.T. 0.00 min

Lab File: BN010673.D

Acq: 30 Apr 2020 14:26

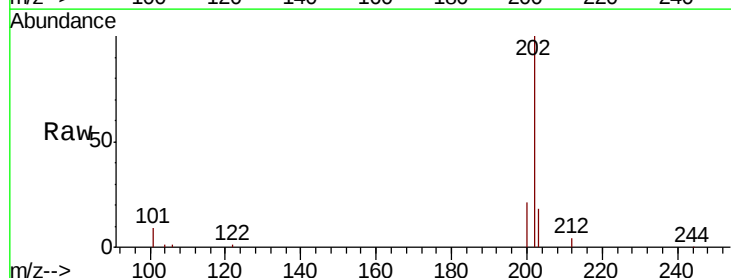
Tgt Ion:202 Resp: 20606

Ion Ratio Lower Upper

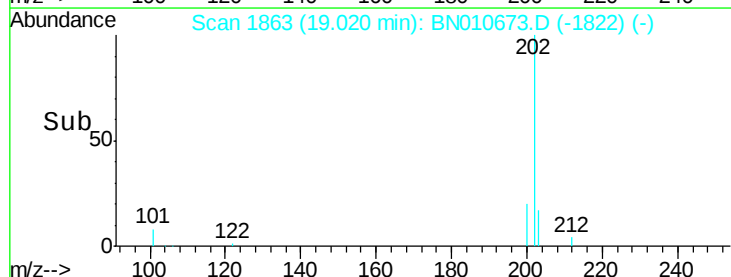
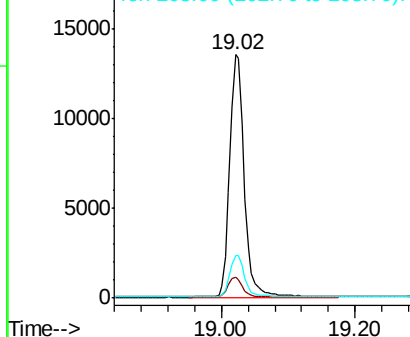
202 100

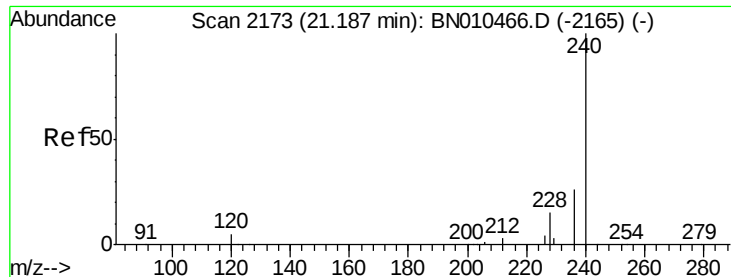
101 8.3 6.9 10.3

203 17.2 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: 0.400 ng

RT: 21.17 min Scan# 2171

Delta R.T. 0.00 min

Lab File: BN010673.D

Acq: 30 Apr 2020 14:26

Instrument :

BNA_N

ClientSampleId :

PB128575BS

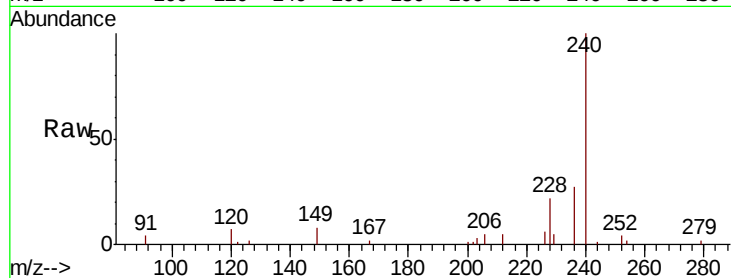
Tot Ion:240 Resp: 13118

Ion Ratio Lower Upper

240 100

120 7.4 4.8 7.2#

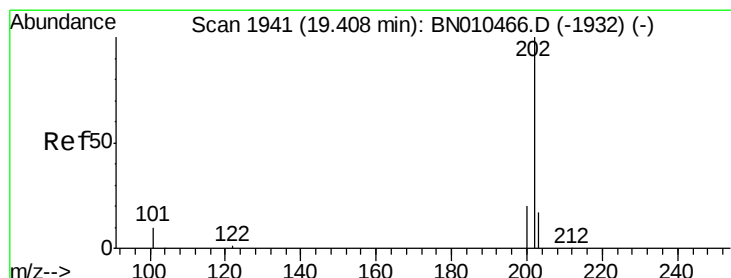
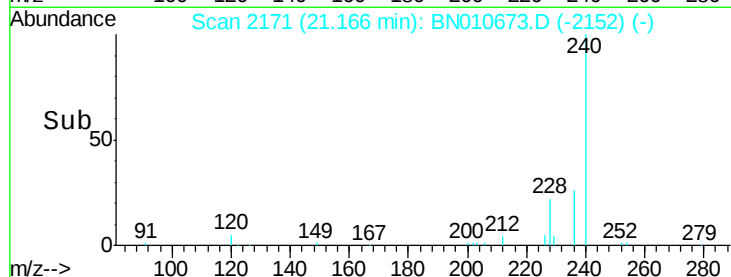
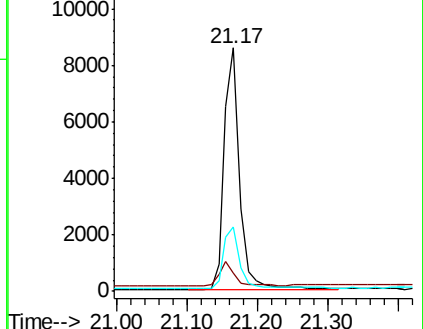
236 26.6 21.4 32.0



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: 0.459 ng

RT: 19.39 min Scan# 1937

Delta R.T. 0.00 min

Lab File: BN010673.D

Acq: 30 Apr 2020 14:26

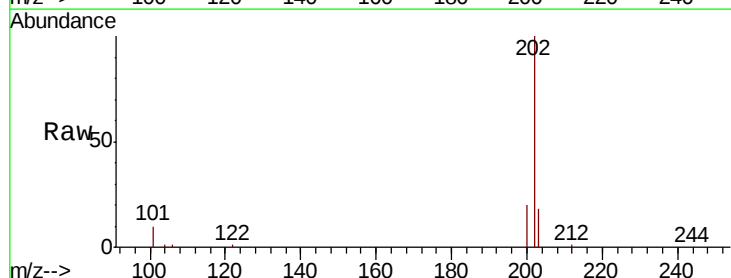
Tgt Ion:202 Resp: 20273

Ion Ratio Lower Upper

202 100

200 20.2 16.3 24.5

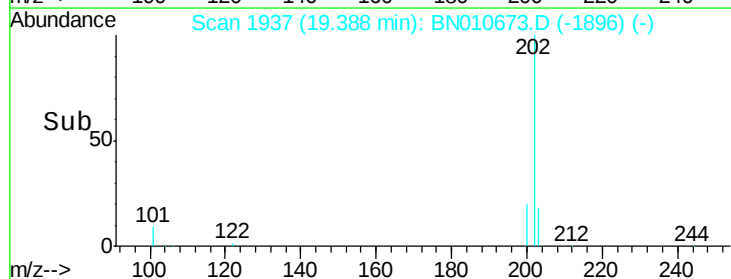
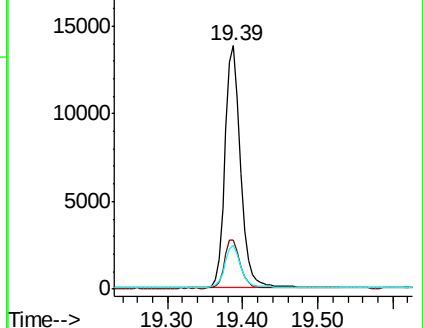
203 17.9 14.0 21.0

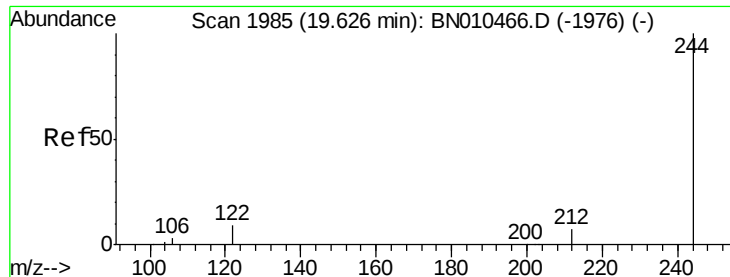


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.336 ng

RT: 19.61 min Scan# 1981

Delta R.T. 0.00 min

Lab File: BN010673.D

Acq: 30 Apr 2020 14:26

Instrument :

BNA_N

ClientSampleId :

PB128575BS

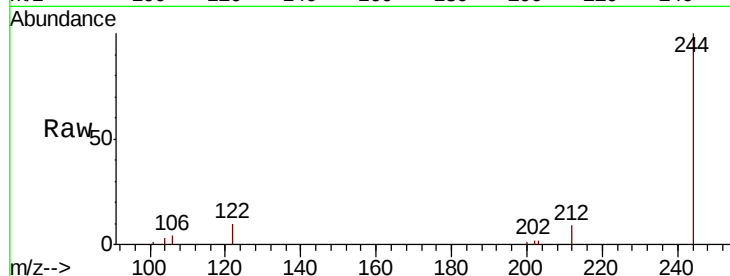
Tot Ion:244 Resp: 10077

Ion Ratio Lower Upper

244 100

212 8.7 6.2 9.4

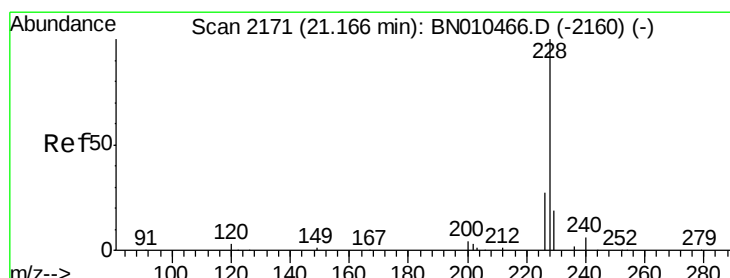
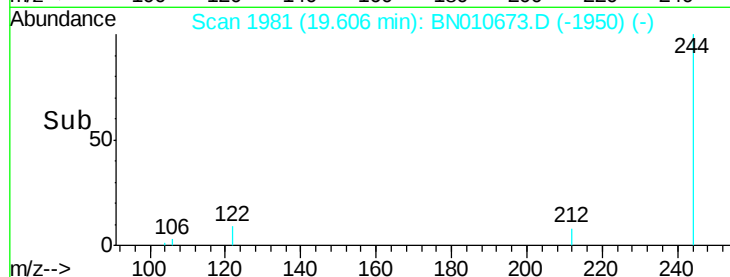
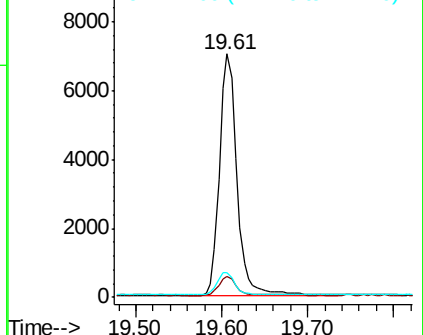
122 10.4 7.8 11.8



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: 0.375 ng

RT: 21.14 min Scan# 2169

Delta R.T. 0.00 min

Lab File: BN010673.D

Acq: 30 Apr 2020 14:26

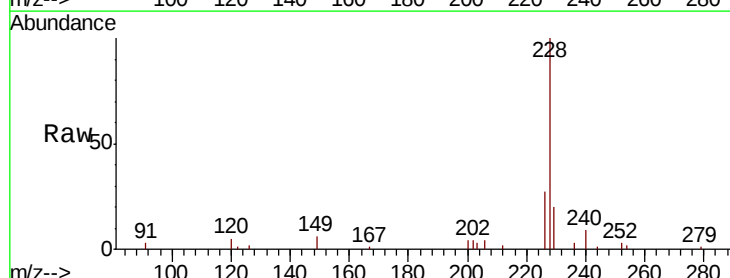
Tgt Ion:228 Resp: 16068

Ion Ratio Lower Upper

228 100

226 27.1 21.7 32.5

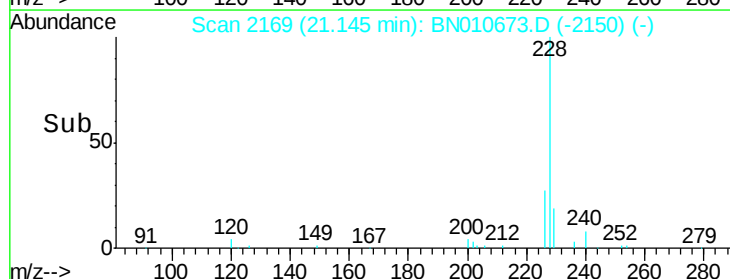
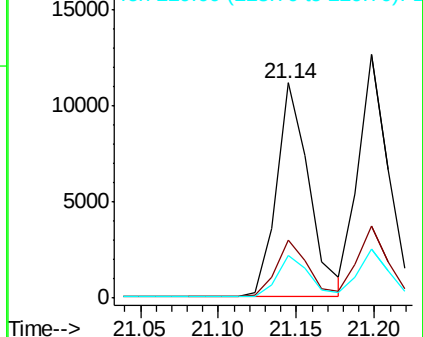
229 19.8 15.6 23.4

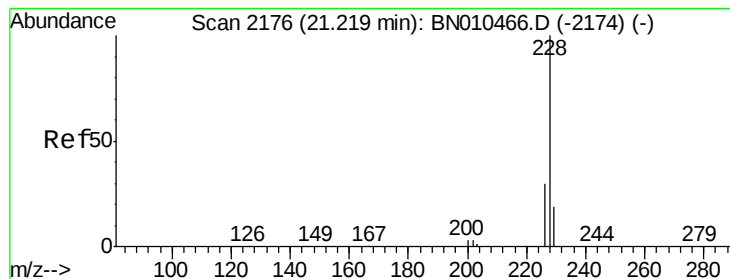


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.399 ng

RT: 21.20 min Scan# 2174

Delta R.T. 0.00 min

Lab File: BN010673.D

Acq: 30 Apr 2020 14:26

Instrument :

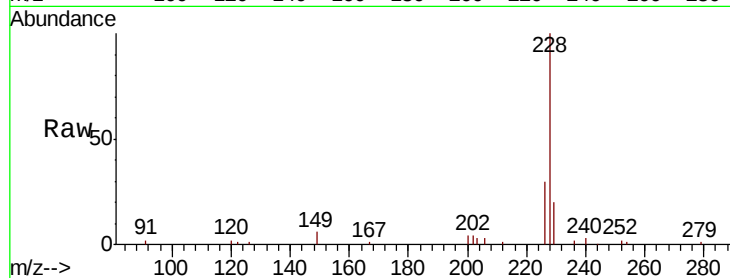
BNA_N

ClientSampleId :

PB128575BS

Tot Ion:228 Resp: 17009

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.0	36.0
229	20.0	15.8	23.6

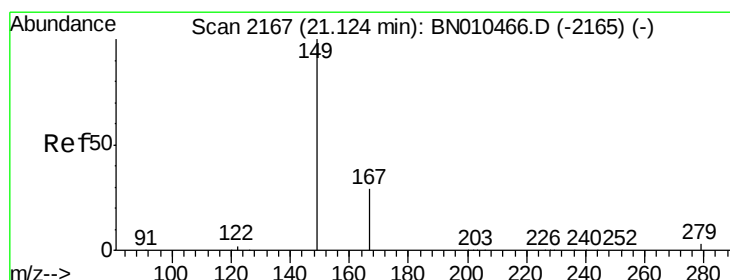
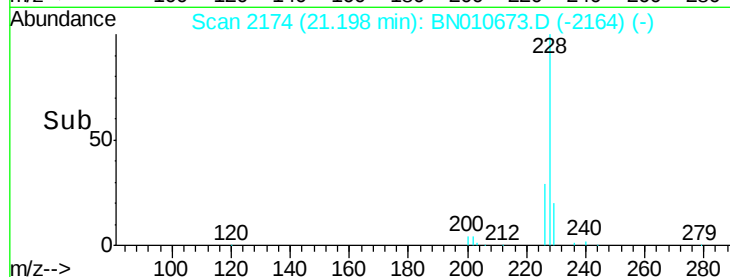
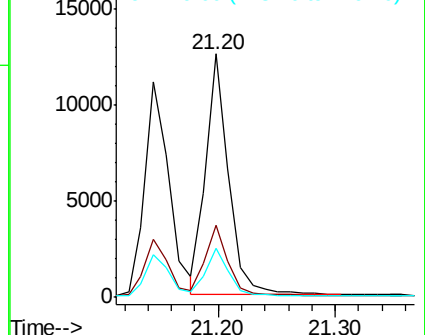


Abundance

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: 0.335 ng

RT: 21.10 min Scan# 2165

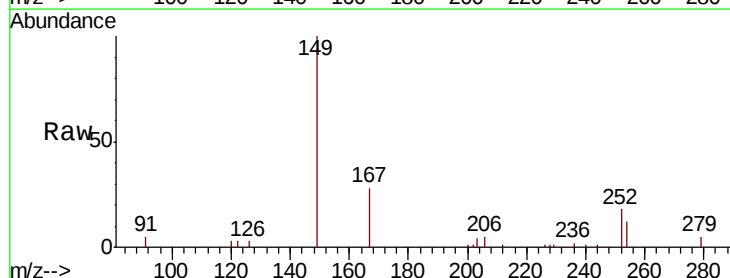
Delta R.T. 0.00 min

Lab File: BN010673.D

Acq: 30 Apr 2020 14:26

Tgt Ion:149 Resp: 7359

Ion	Ratio	Lower	Upper
149	100		
167	28.0	23.4	35.0
279	4.7	4.0	6.0

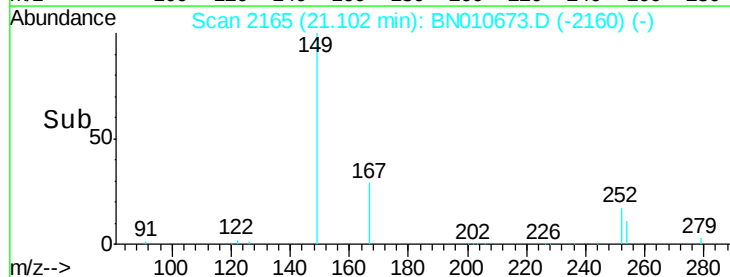
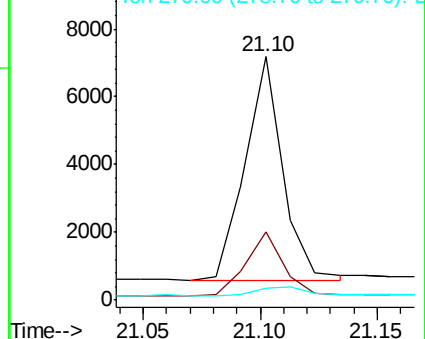


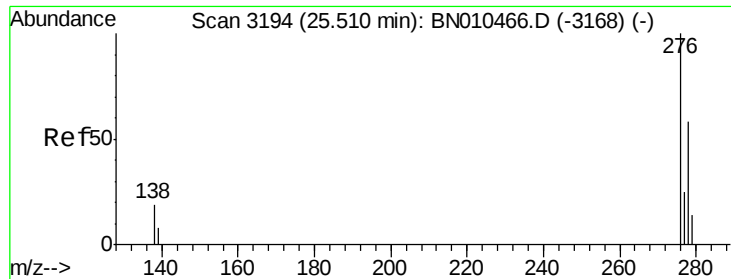
Abundance

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: 0.450 ng

RT: 25.47 min Scan# 3182

Delta R.T. 0.00 min

Lab File: BN010673.D

Acq: 30 Apr 2020 14:26

Instrument :

BNA_N

ClientSampleId :

PB128575BS

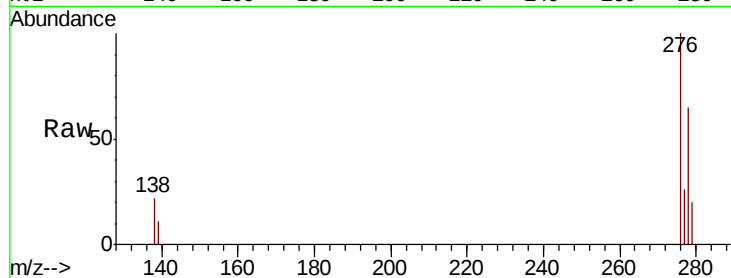
Tot Ion:276 Resp: 16955

Ion Ratio Lower Upper

276 100

138 20.4 16.4 24.6

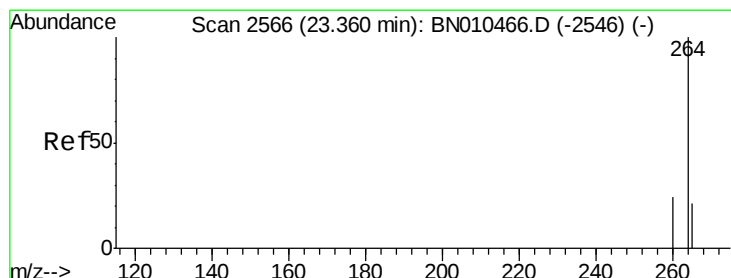
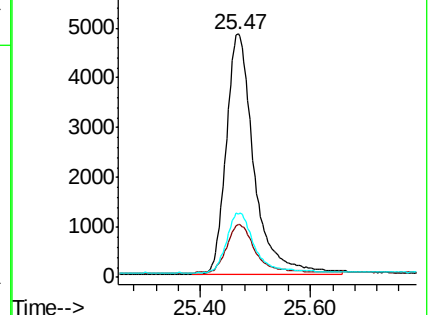
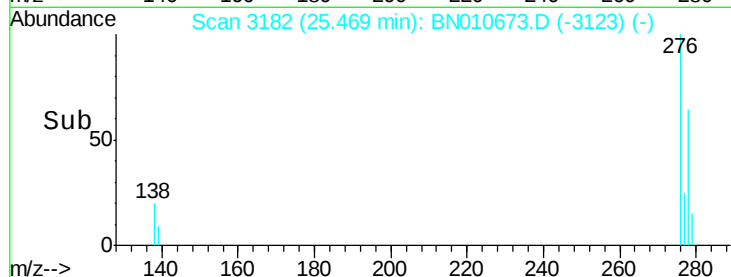
277 24.5 19.8 29.6



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# 2557

Delta R.T. 0.00 min

Lab File: BN010673.D

Acq: 30 Apr 2020 14:26

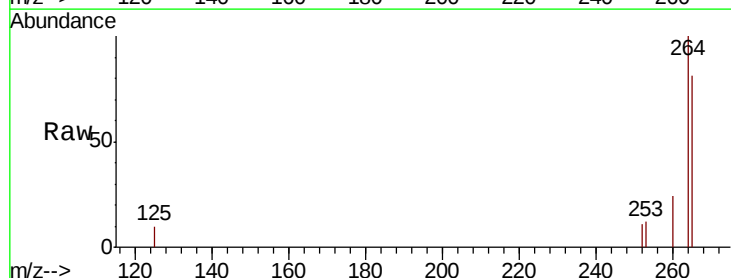
Tgt Ion:264 Resp: 11702

Ion Ratio Lower Upper

264 100

260 24.5 19.8 29.8

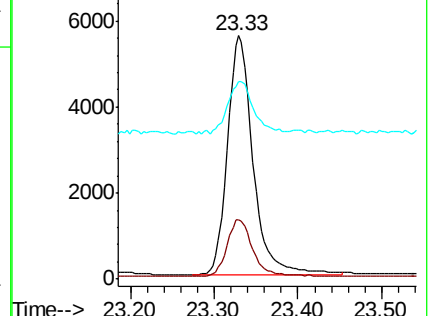
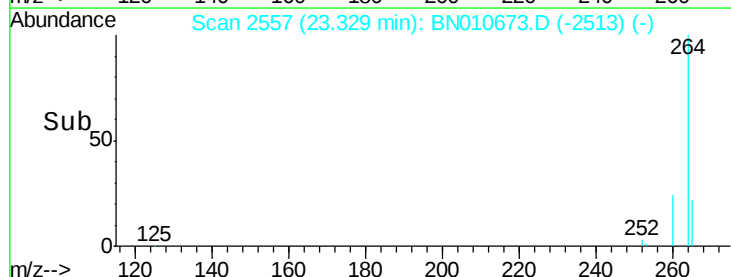
265 81.1 42.3 63.5#

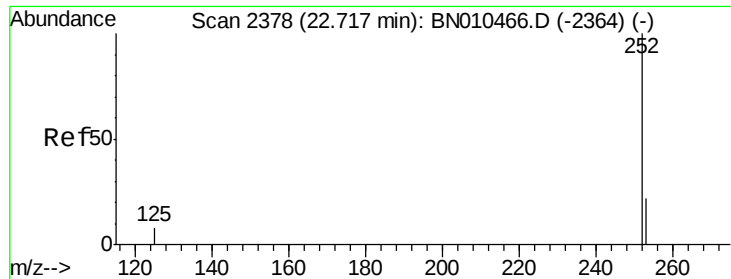


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.411 ng

RT: 22.69 min Scan# 2370

Delta R.T. 0.00 min

Lab File: BN010673.D

Acq: 30 Apr 2020 14:26

Instrument :

BNA_N

ClientSampleId :

PB128575BS

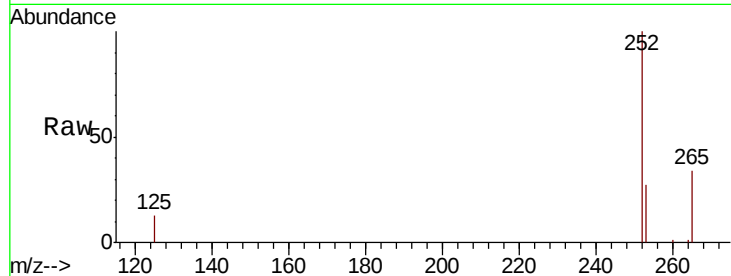
Tot Ion:252 Resp: 15831

Ion Ratio Lower Upper

252 100

253 27.3 20.2 30.4

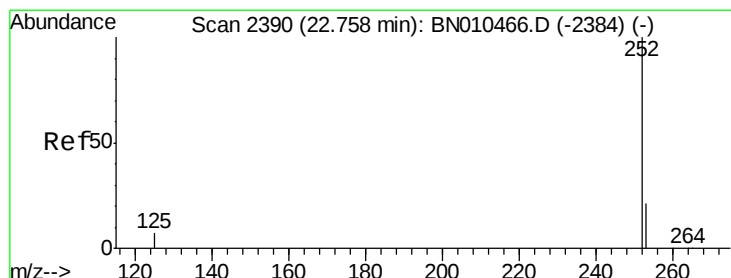
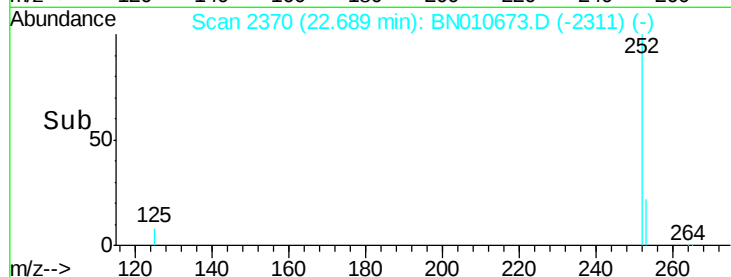
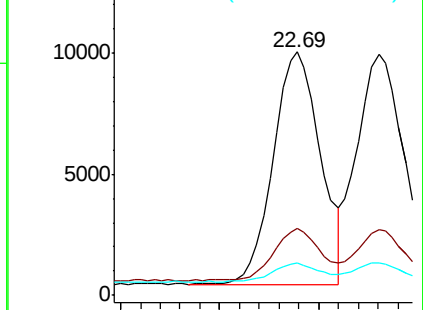
125 13.3 9.2 13.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.434 ng

RT: 22.73 min Scan# 2382

Delta R.T. 0.00 min

Lab File: BN010673.D

Acq: 30 Apr 2020 14:26

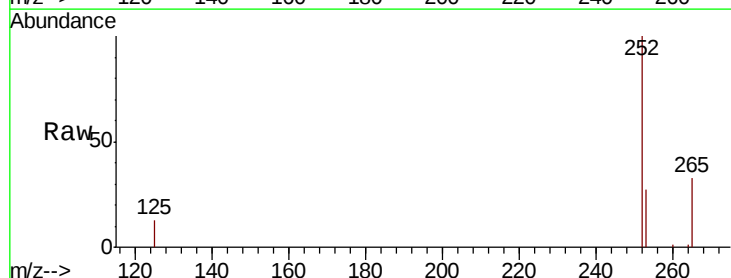
Tgt Ion:252 Resp: 16750

Ion Ratio Lower Upper

252 100

253 27.2 20.1 30.1

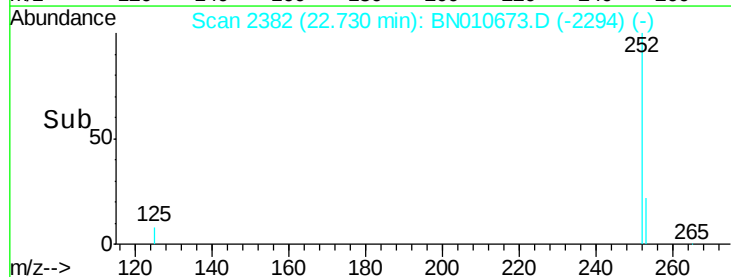
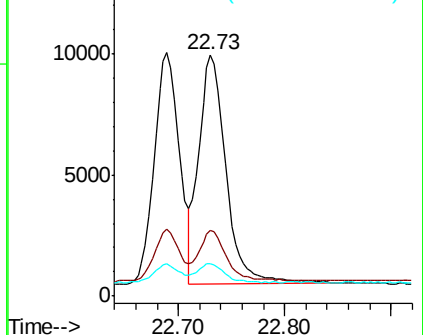
125 13.3 9.6 14.4

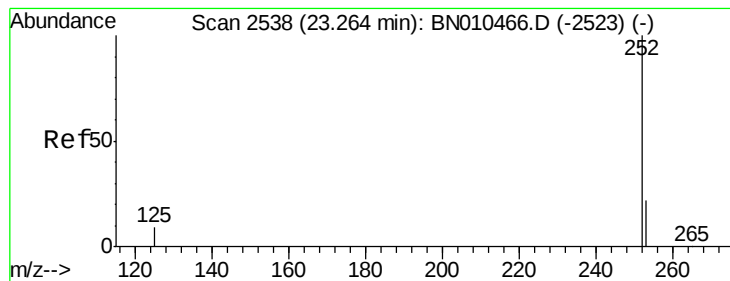


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.417 ng

RT: 23.24 min Scan# 2530

Delta R.T. 0.00 min

Lab File: BN010673.D

Acq: 30 Apr 2020 14:26

Instrument :

BNA_N

ClientSampleId :

PB128575BS

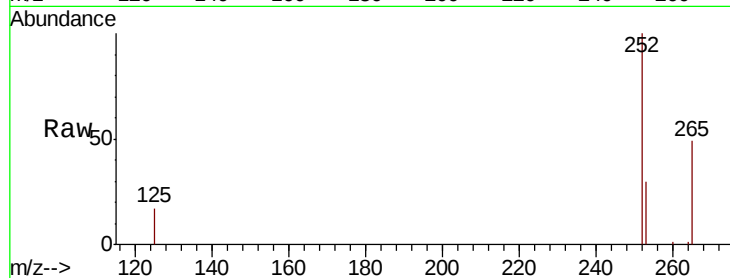
Tot Ion:252 Resp: 14215

Ion Ratio Lower Upper

252 100

253 29.9 21.8 32.8

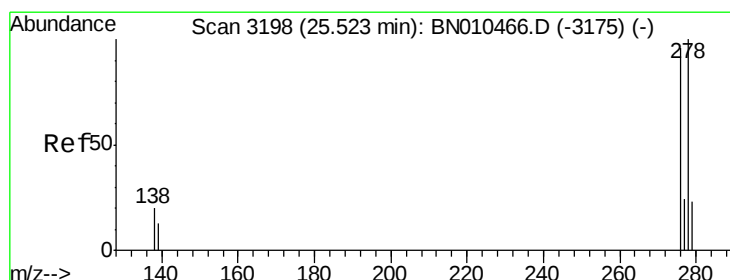
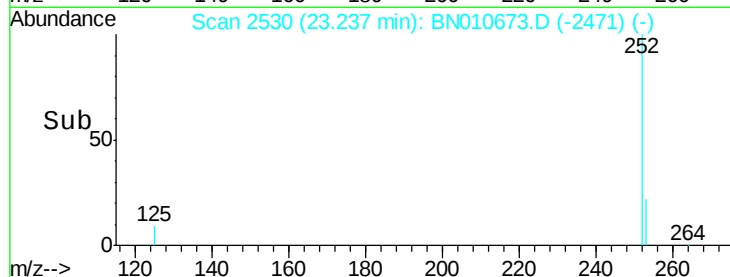
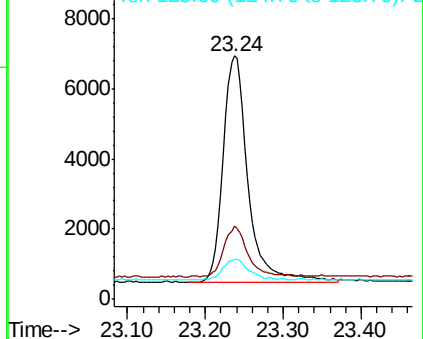
125 16.5 11.0 16.6



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: 0.437 ng

RT: 25.48 min Scan# 3186

Delta R.T. 0.01 min

Lab File: BN010673.D

Acq: 30 Apr 2020 14:26

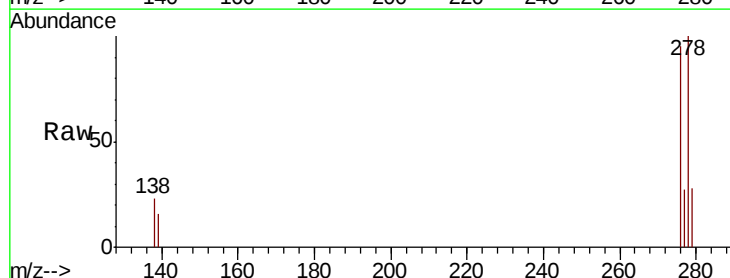
Tgt Ion:278 Resp: 13640

Ion Ratio Lower Upper

278 100

139 15.6 12.3 18.5

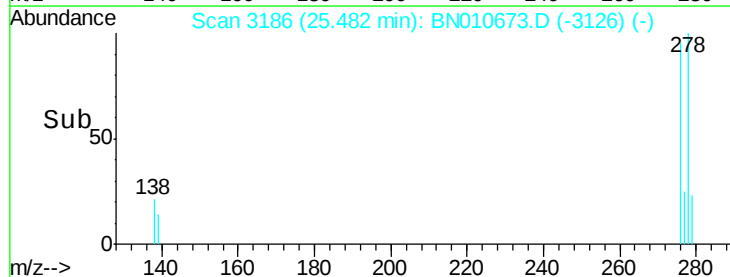
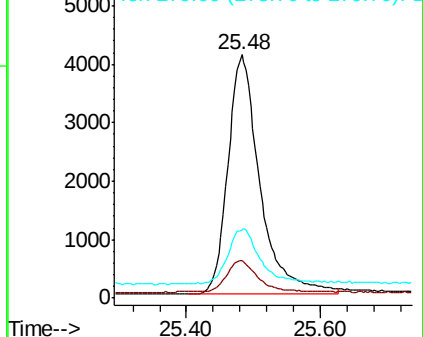
279 28.2 21.9 32.9

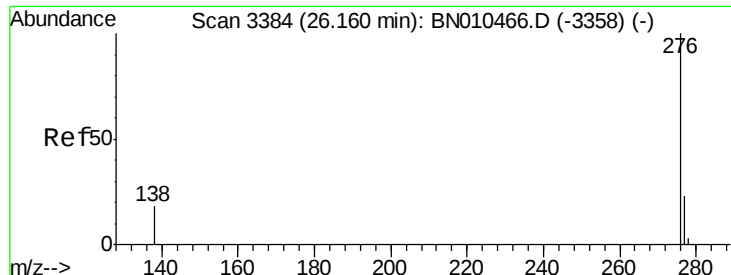


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.483 ng

RT: 26.11 min Scan# 3370

Delta R.T. 0.00 min

Lab File: BN010673.D

Acq: 30 Apr 2020 14:26

Instrument :

BNA_N

ClientSampleId :

PB128575BS

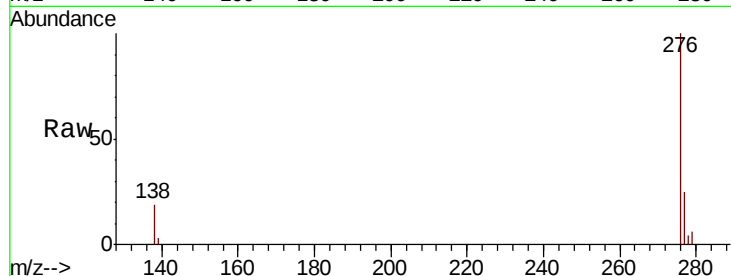
Tot Ion:276 Resp: 15173

Ion Ratio Lower Upper

276 100

277 24.9 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

