

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN043020\
 Data File : BN010671.D
 Acq On : 30 Apr 2020 13:13
 Operator : CG/JU
 Sample : PB128567BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB128567BS

Quant Time: Apr 30 13:43:29 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	3203	0.40	ng	0.00
7) Naphthalene-d8	10.34	136	13171	0.40	ng	0.01
13) Acenaphthene-d10	14.20	164	8646	0.40	ng	0.00
19) Phenanthrene-d10	16.95	188	19412	0.40	ng	0.00
27) Chrysene-d12	21.16	240	16107	0.40	ng	0.00
34) Perylene-d12	23.33	264	14618	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.23	112	2174	0.31	ng	0.00
5) Phenol-d6	6.78	99	2780	0.30	ng	0.00
8) Nitrobenzene-d5	8.72	82	2809	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	11.93	152	9860	0.46	ng	0.00
14) 2,4,6-Tribromophenol	15.71	330	886	0.22	ng	0.00
15) 2-Fluorobiphenyl	12.82	172	9508	0.30	ng	0.00
25) Fluoranthene-d10	18.99	212	15513	0.26	ng	0.00
29) Terphenyl-d14	19.60	244	12050	0.33	ng	0.00

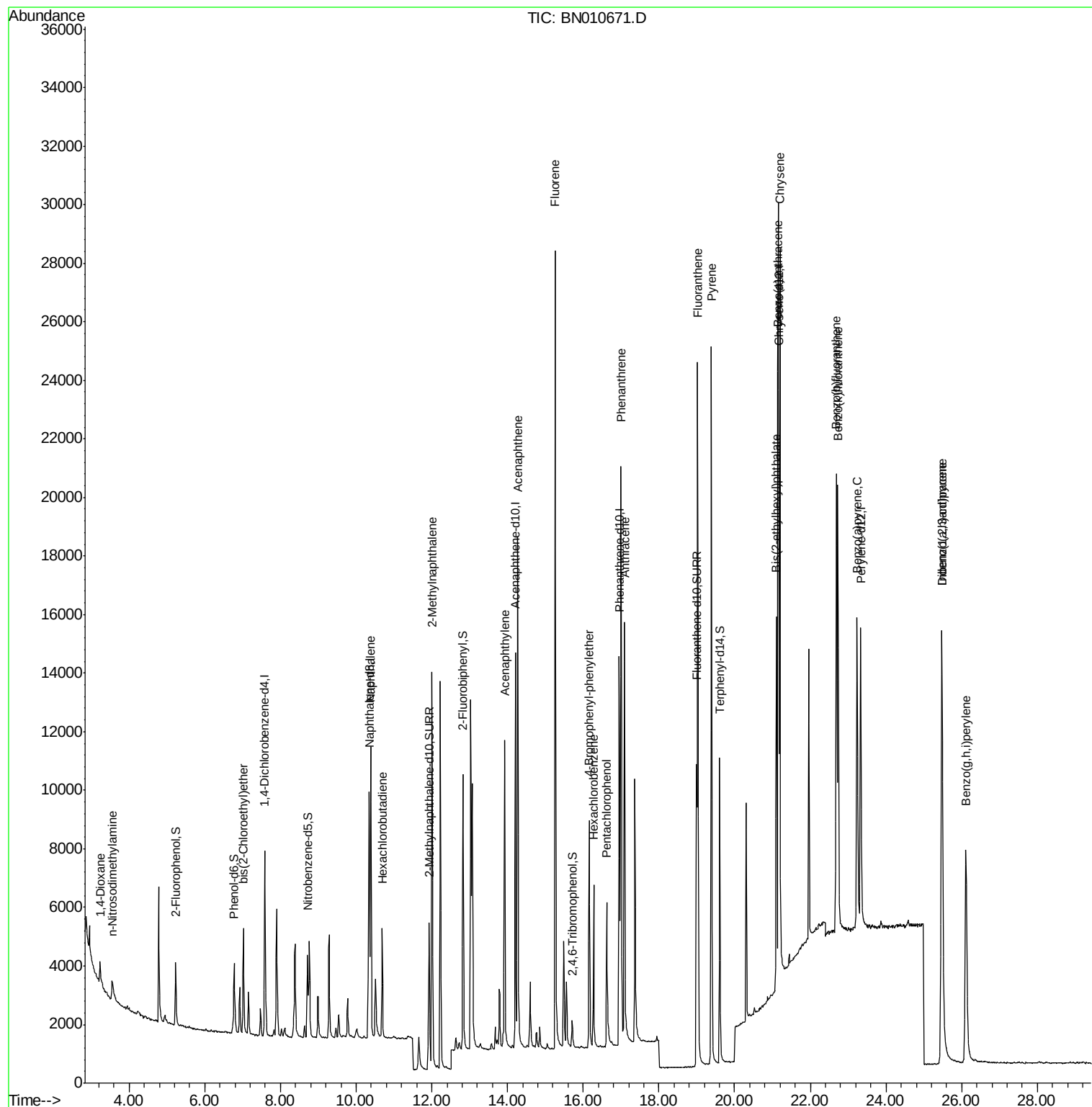
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.23	88	722	0.306	ng	# 80
3) n-Nitrosodimethylamine	3.55	42	668	0.437	ng	77
6) bis(2-Chloroethyl)ether	7.02	93	3369	0.424	ng	98
9) Naphthalene	10.38	128	13837	0.423	ng	98
10) Hexachlorobutadiene	10.68	225	2960	0.375	ng	# 98
12) 2-Methylnaphthalene	12.01	142	10287	0.438	ng	99
16) Acenaphthylene	13.92	152	14680	0.393	ng	100
17) Acenaphthene	14.27	154	9816	0.409	ng	100
18) Fluorene	15.26	166	13172	0.419	ng	100
20) 4-Bromophenyl-phenylether	16.16	248	4170	0.387	ng	# 83
21) Hexachlorobenzene	16.27	284	4950	0.402	ng	97
22) Pentachlorophenol	16.62	266	3693	0.763	ng	98
23) Phenanthrene	17.00	178	21844	0.417	ng	100
24) Anthracene	17.09	178	18802	0.392	ng	100
26) Fluoranthene	19.02	202	24898	0.382	ng	99
28) Pyrene	19.39	202	24627	0.454	ng	99
30) Benzo(a)anthracene	21.14	228	19824	0.377	ng	99
31) Chrysene	21.20	228	21718	0.415	ng	100
32) Bis(2-ethylhexyl)phthalate	21.10	149	8161	0.303	ng	99
33) Indeno(1,2,3-cd)pyrene	25.47	276	20947	0.453	ng	99
35) Benzo(b)fluoranthene	22.69	252	19490	0.405	ng	99
36) Benzo(k)fluoranthene	22.73	252	21423	0.444	ng	98
37) Benzo(a)pyrene	23.24	252	17967	0.422	ng	99
38) Dibenzo(a,h)anthracene	25.48	278	16865	0.433	ng	98
39) Benzo(g,h,i)perylene	26.11	276	18522	0.472	ng	100

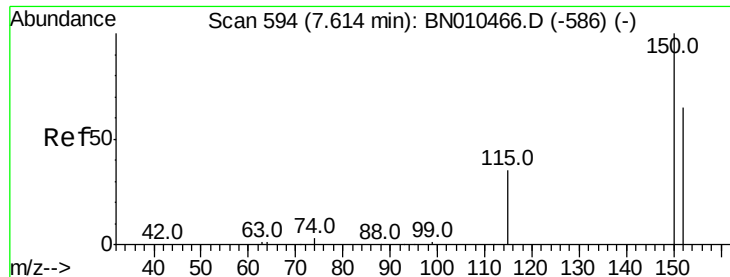
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BN010671.D

Acq: 30 Apr 2020 13:13

Instrument :

BNA_N

ClientSampleId :

PB128567BS

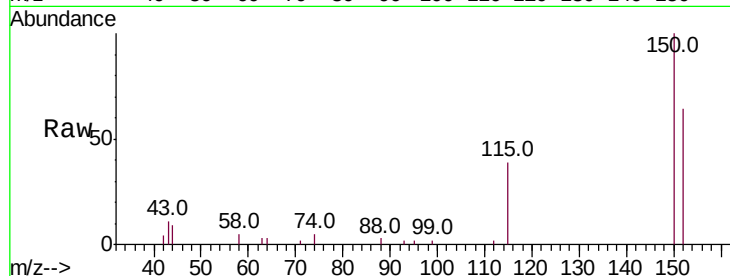
Tot Ion:152 Resp: 3203

Ion Ratio Lower Upper

152 100

150 156.0 121.8 182.6

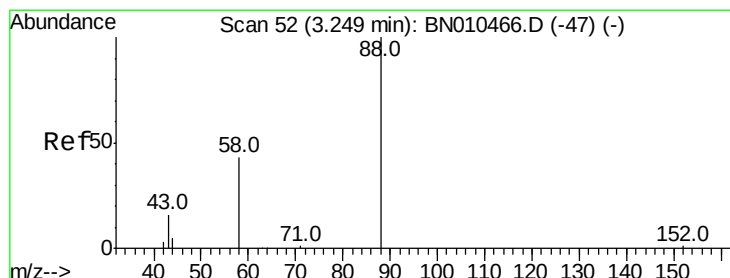
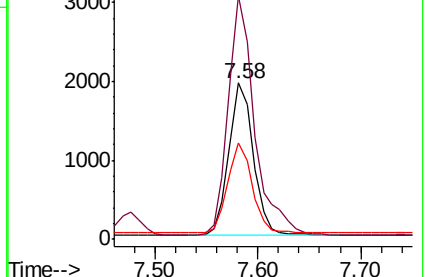
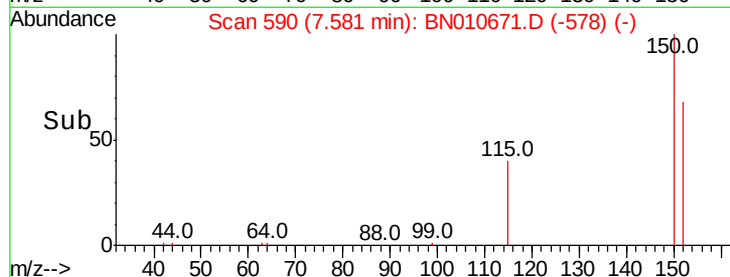
115 61.6 45.5 68.3



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: 0.306 ng

RT: 3.23 min Scan# 50

Delta R.T. -0.01 min

Lab File: BN010671.D

Acq: 30 Apr 2020 13:13

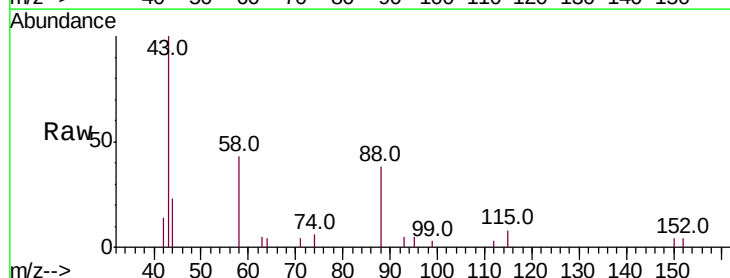
Tgt Ion: 88 Resp: 722

Ion Ratio Lower Upper

88 100

58 49.6 36.5 54.7

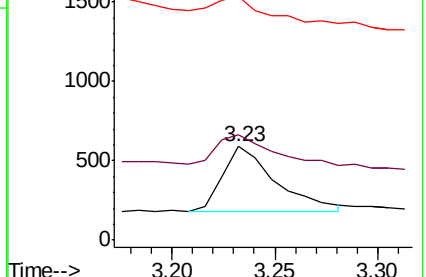
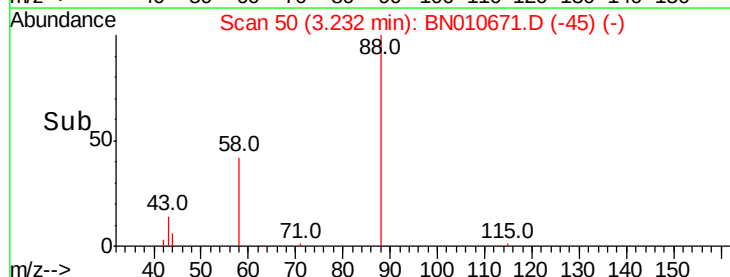
43 42.1 13.2 19.8

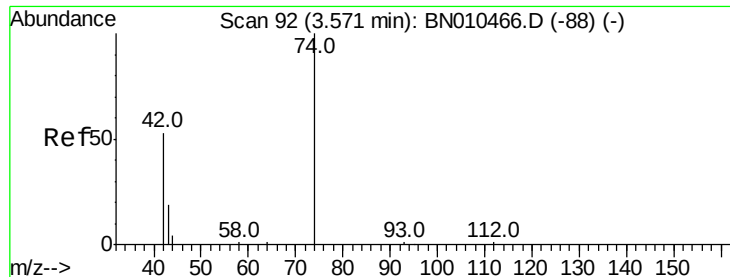


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC



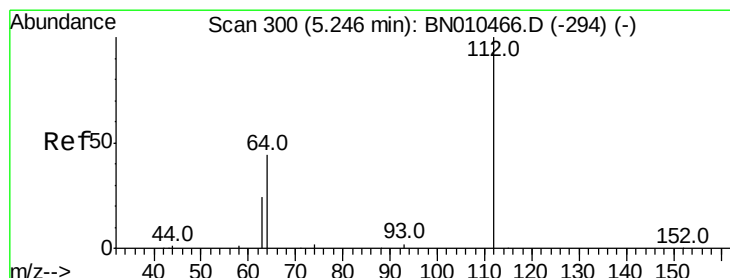
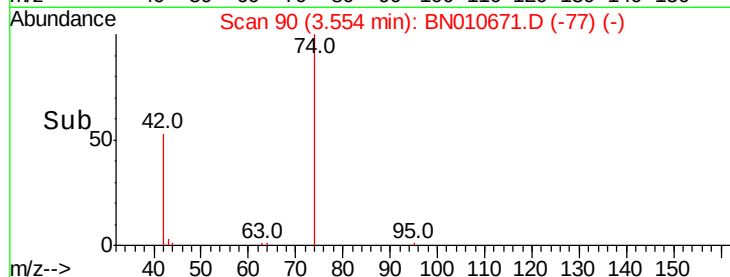
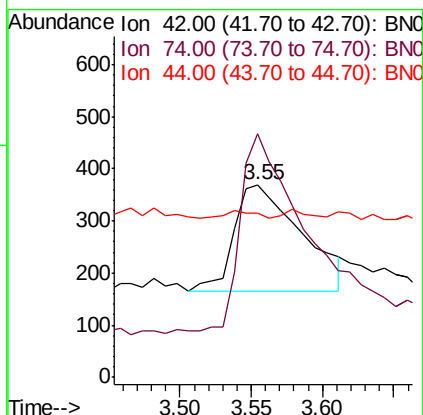
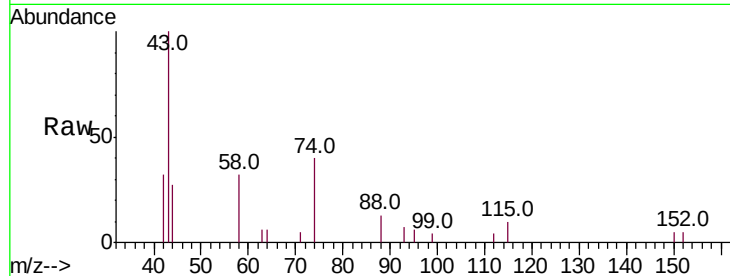


#3

n-Nitrosodimethylamine
 Concen: 0.437 ng
 RT: 3.55 min Scan# 90
 Delta R.T. 0.01 min
 Lab File: BN010671.D
 Acq: 30 Apr 2020 13:13

Instrument :
 BNA_N
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 PB128567BS

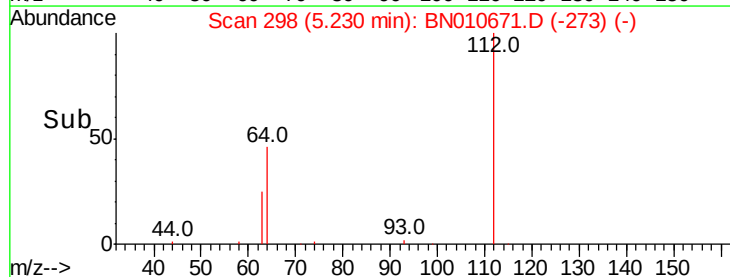
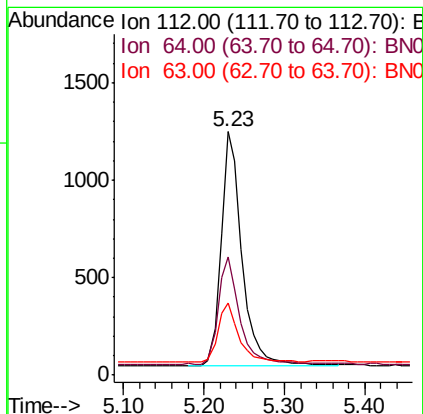
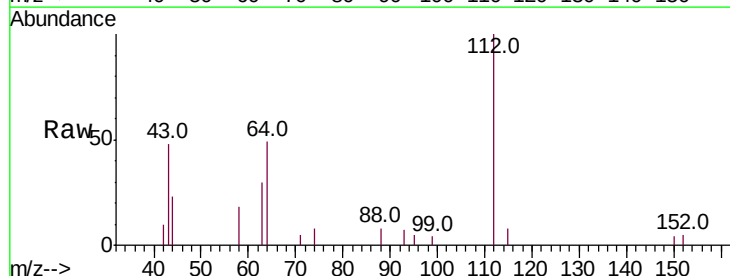
Tot Ion: 42 Resp: 668
 Ion Ratio Lower Upper
 42 100
 74 167.2 162.2 243.4
 44 3.0 2.4 3.6

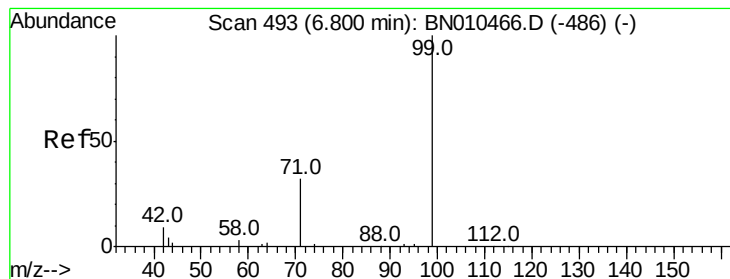


#4

2-Fluorophenol
 Concen: 0.310 ng
 RT: 5.23 min Scan# 298
 Delta R.T. -0.00 min
 Lab File: BN010671.D
 Acq: 30 Apr 2020 13:13

Tgt Ion: 112 Resp: 2174
 Ion Ratio Lower Upper
 112 100
 64 47.0 35.8 53.8
 63 24.3 19.9 29.9





#5

Phenol-d6

Concen: 0.303 ng

RT: 6.78 min Scan# 490

Delta R.T. -0.00 min

Lab File: BN010671.D

Acq: 30 Apr 2020 13:13

Instrument :

BNA_N

ClientSampleId :

PB128567BS

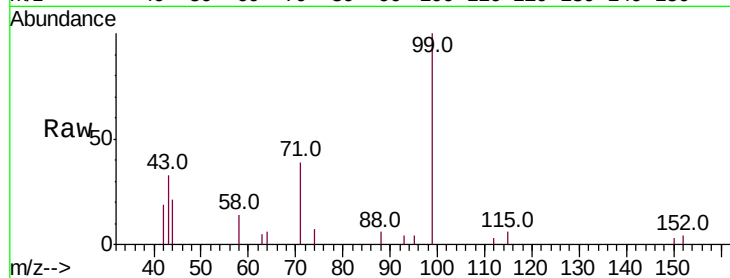
Tot Ion: 99 Resp: 2780

Ion Ratio Lower Upper

99 100

42 12.6 9.8 14.6

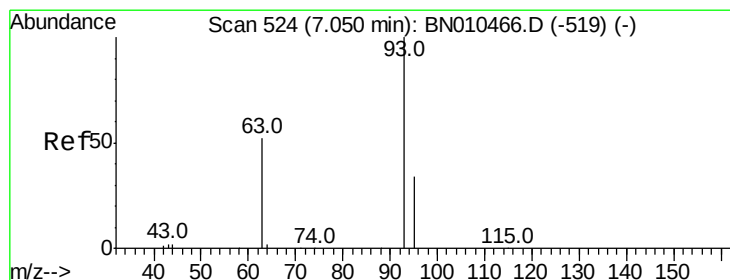
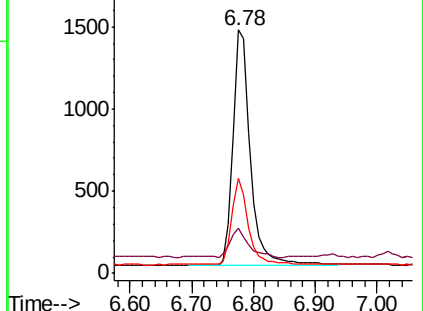
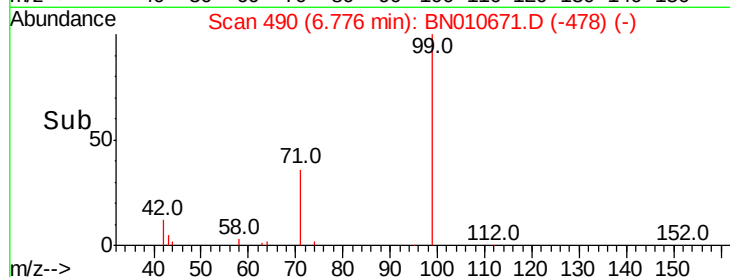
71 34.3 27.8 41.8



Abundance Ion 99.00 (98.70 to 99.70): BN010671.D (-490) (-)

Ion 42.00 (41.70 to 42.70): BN010671.D (-490) (-)

Ion 71.00 (70.70 to 71.70): BN010671.D (-490) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.424 ng

RT: 7.02 min Scan# 520

Delta R.T. -0.00 min

Lab File: BN010671.D

Acq: 30 Apr 2020 13:13

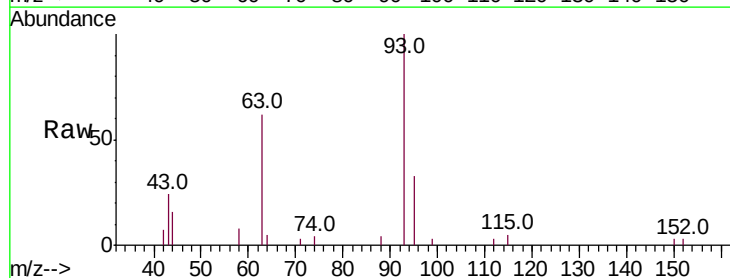
Tgt Ion: 93 Resp: 3369

Ion Ratio Lower Upper

93 100

63 57.5 44.6 66.8

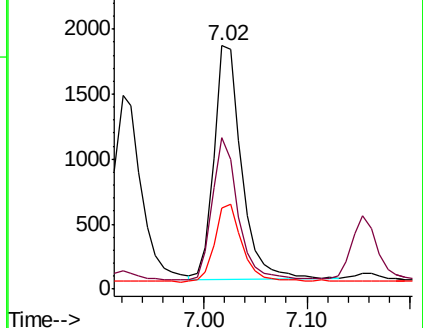
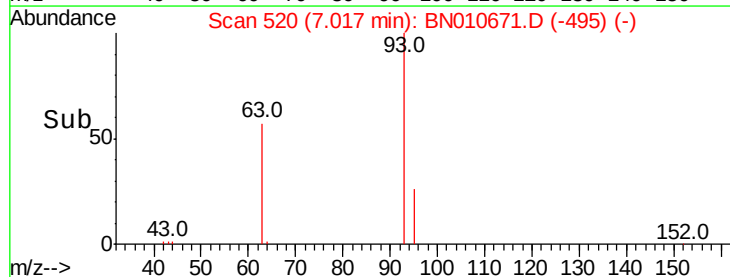
95 32.8 26.5 39.7

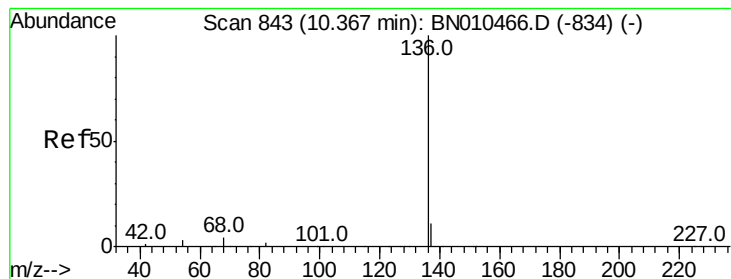


Abundance Ion 93.00 (92.70 to 93.70): BN010671.D (-520) (-)

Ion 63.00 (62.70 to 63.70): BN010671.D (-520) (-)

Ion 95.00 (94.70 to 95.70): BN010671.D (-520) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.34 min Scan# 841

Delta R.T. 0.01 min

Lab File: BN010671.D

Acq: 30 Apr 2020 13:13

Instrument :

BNA_N

ClientSampleId :

PB128567BS

Tot Ion:136 Resp: 13171

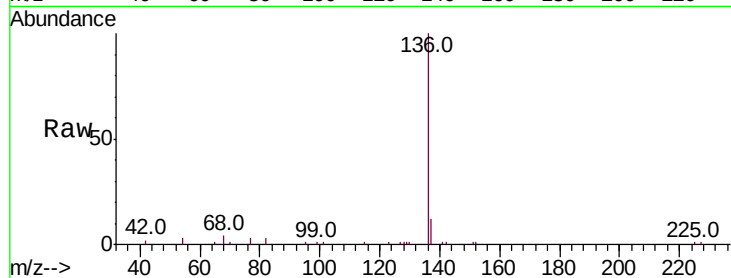
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 3.1 2.6 4.0

68 3.8 3.4 5.2

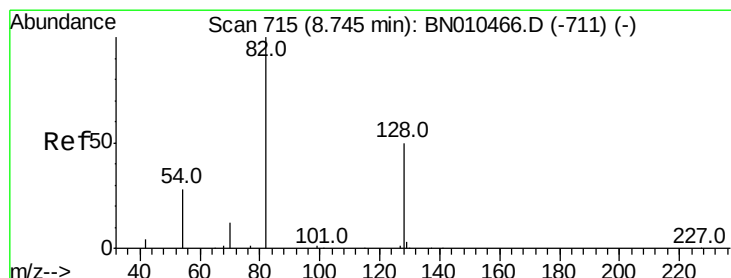
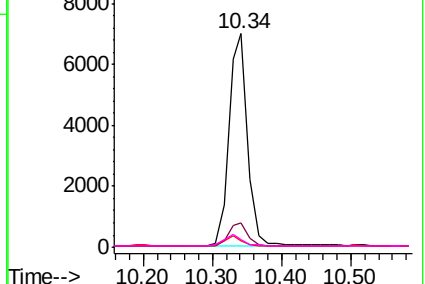
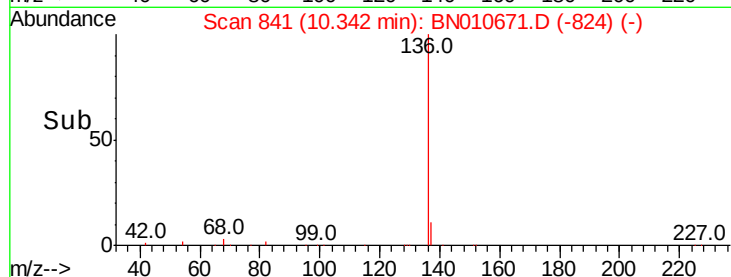


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.305 ng

RT: 8.72 min Scan# 713

Delta R.T. -0.00 min

Lab File: BN010671.D

Acq: 30 Apr 2020 13:13

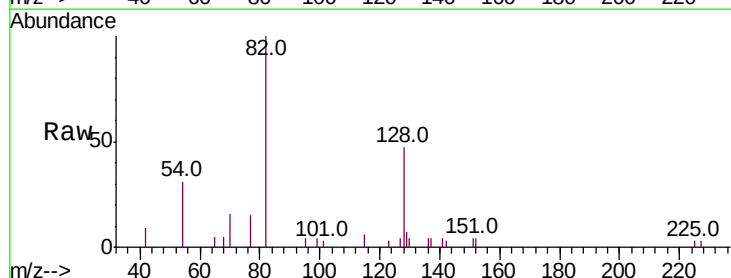
Tgt Ion: 82 Resp: 2809

Ion Ratio Lower Upper

82 100

128 47.0 41.3 61.9

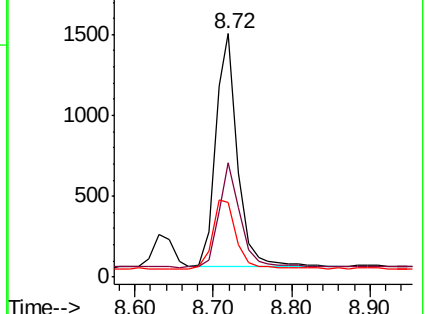
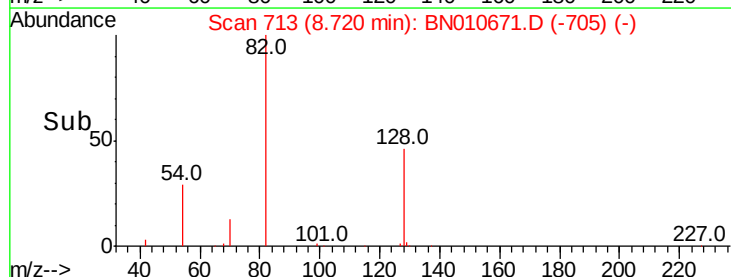
54 30.8 23.4 35.0

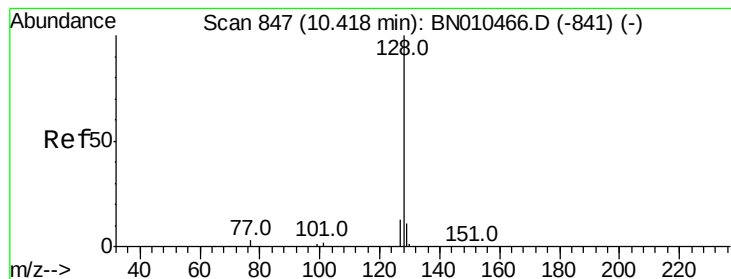


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.423 ng

RT: 10.38 min Scan# 844

Delta R.T. -0.00 min

Lab File: BN010671.D

Acq: 30 Apr 2020 13:13

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ClientSampleId :

PB128567BS

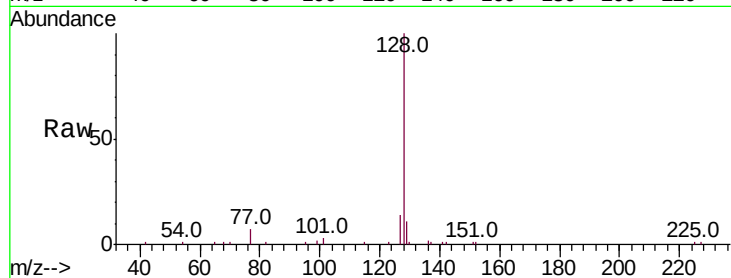
Tot Ion:128 Resp: 13837

Ion Ratio Lower Upper

128 100

129 11.4 9.3 13.9

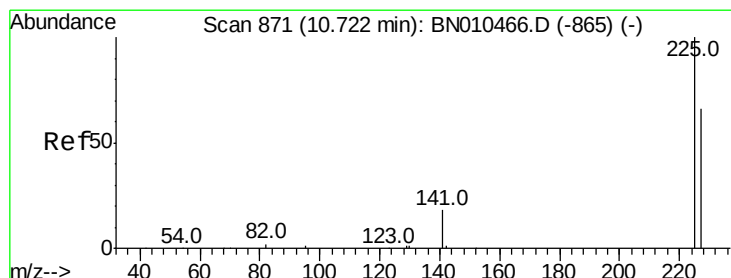
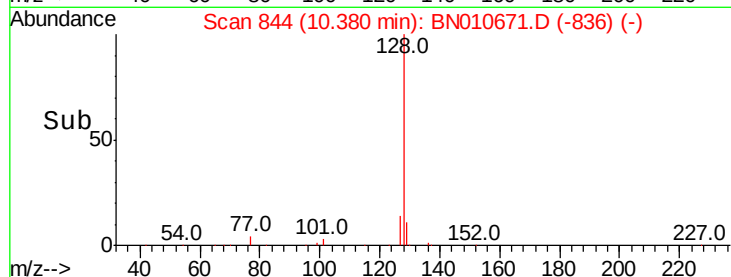
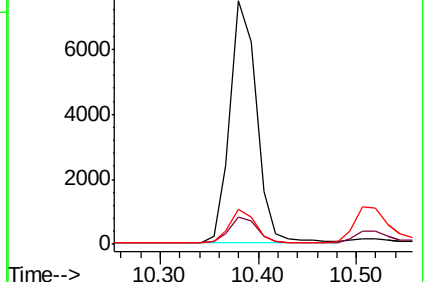
127 14.2 10.5 15.7



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: BN010671.D

Acq: 30 Apr 2020 13:13

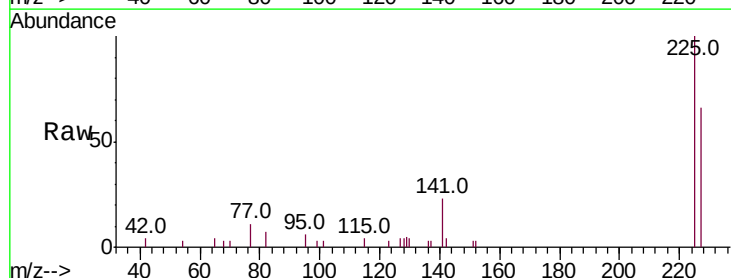
Tgt Ion:225 Resp: 2960

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

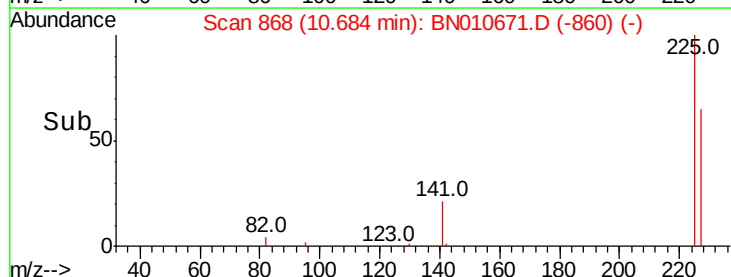
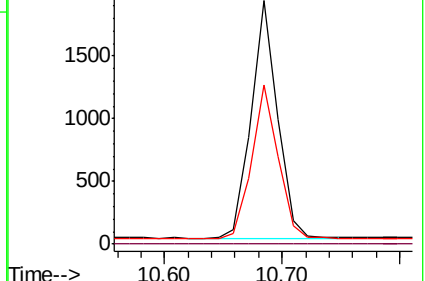
227 64.8 50.6 76.0

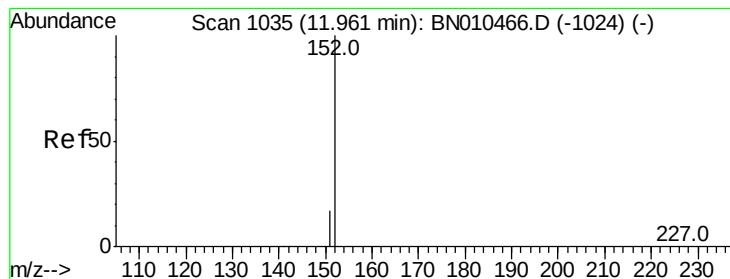


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.455 ng

RT: 11.93 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BN010671.D

Acq: 30 Apr 2020 13:13

Instrument :

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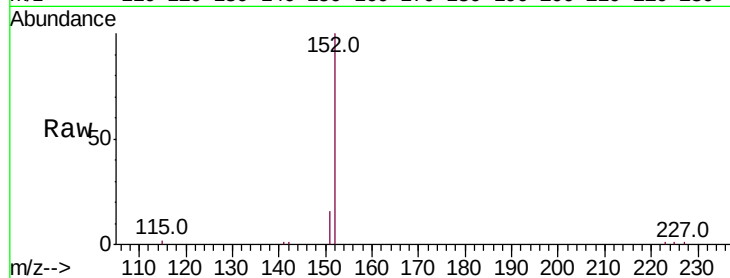
PB128567BS

Tot Ion:152 Resp: 9860

Ion Ratio Lower Upper

152 100

151 13.1 15.3 22.9#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.93

5000

4000

3000

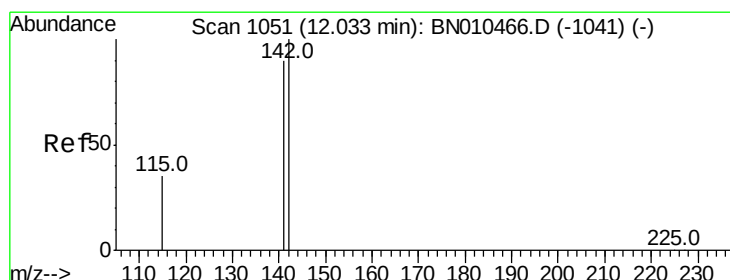
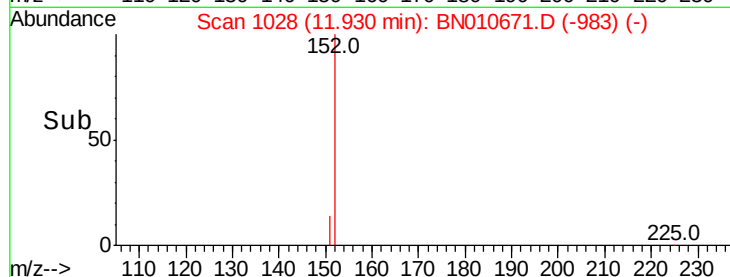
2000

1000

0

Time-->

11.80 11.90 12.00 12.10



#12

2-Methylnaphthalene

Concen: 0.438 ng

RT: 12.01 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BN010671.D

Acq: 30 Apr 2020 13:13

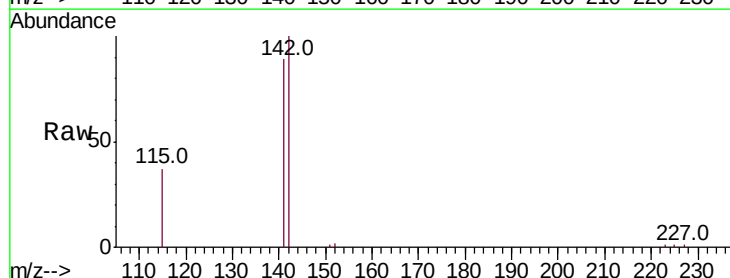
Tgt Ion:142 Resp: 10287

Ion Ratio Lower Upper

142 100

141 89.2 71.9 107.9

115 36.9 28.8 43.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

12.01

8000

6000

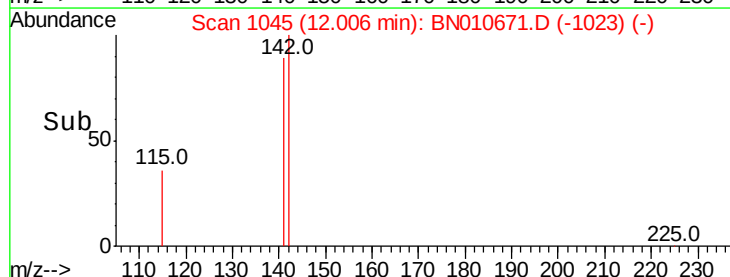
4000

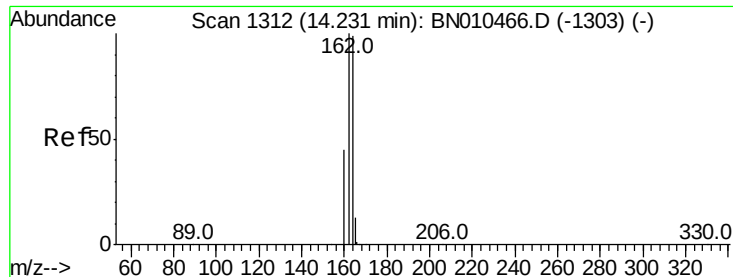
2000

0

Time-->

11.90 12.00 12.10 12.20





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.20 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BN010671.D

Acq: 30 Apr 2020 13:13

Instrument :

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ClientSampleId :

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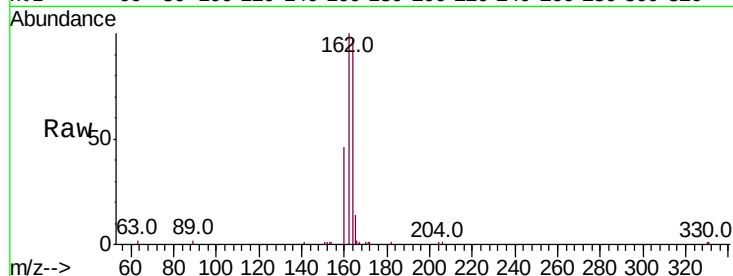
Tot Ion:164 Resp: 8646

Ion Ratio Lower Upper

164 100

162 103.1 80.6 121.0

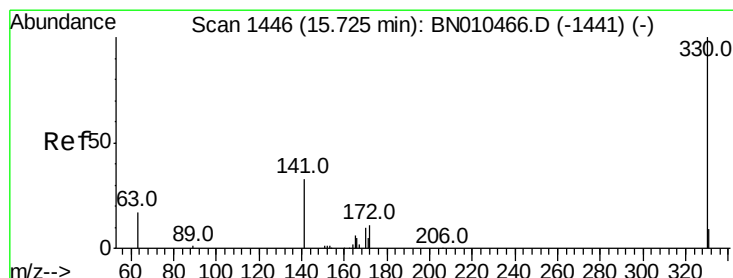
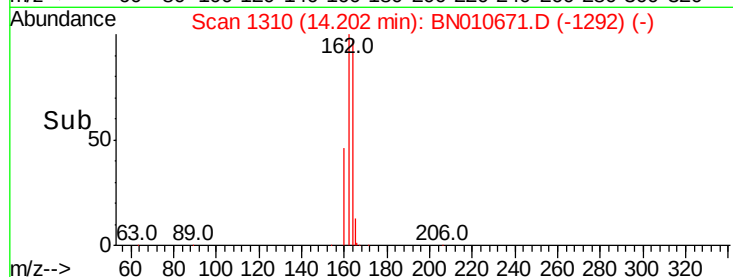
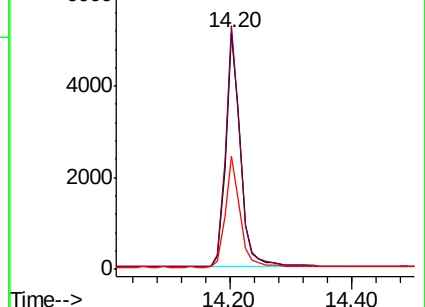
160 47.9 36.5 54.7



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: 0.217 ng

RT: 15.71 min Scan# 1445

Delta R.T. -0.00 min

Lab File: BN010671.D

Acq: 30 Apr 2020 13:13

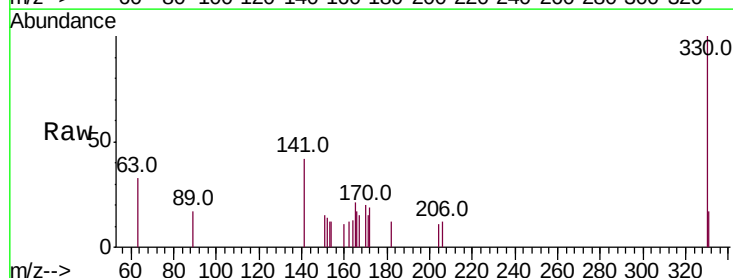
Tgt Ion:330 Resp: 886

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

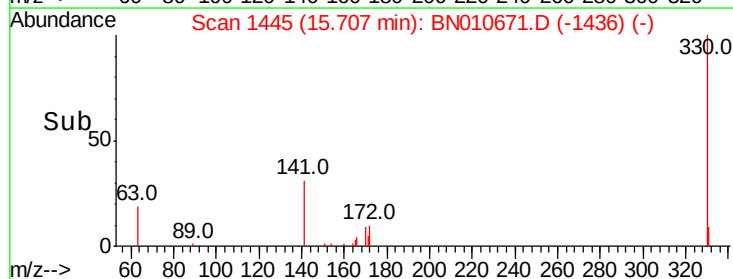
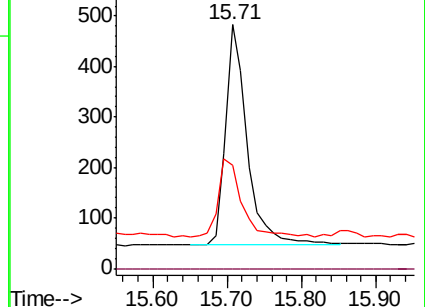
141 37.5 28.1 42.1

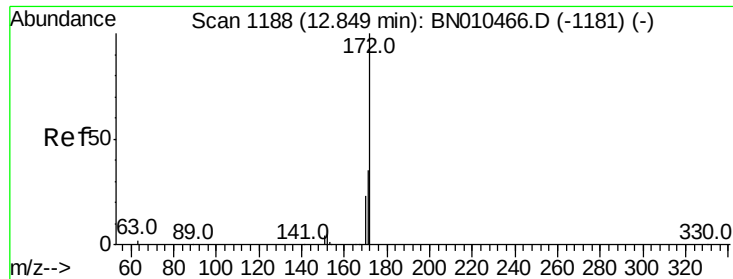


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

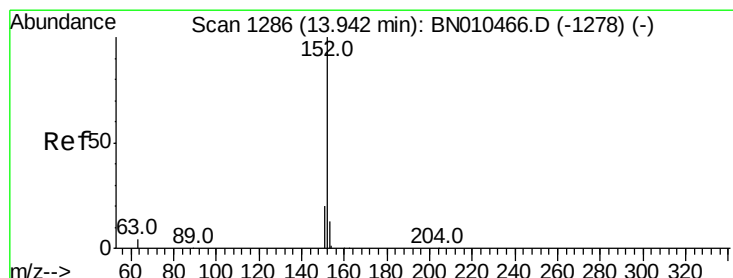
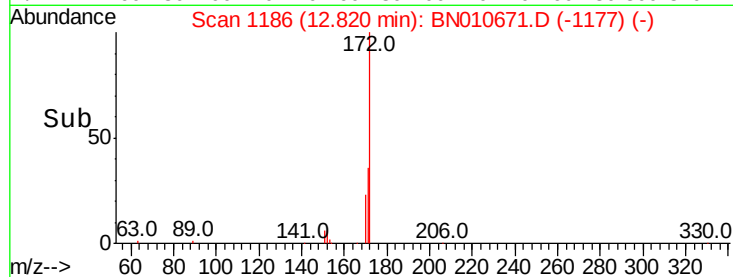
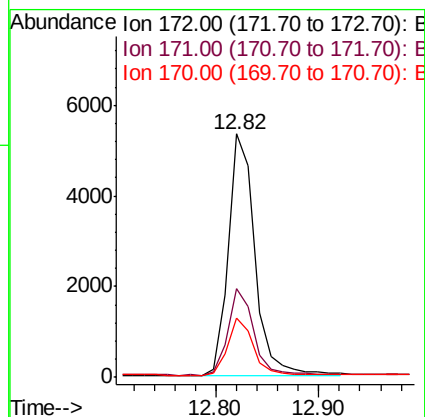
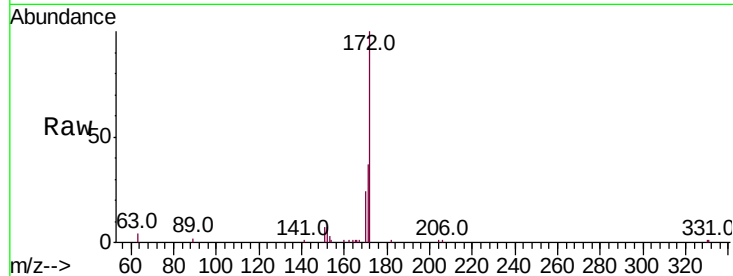




#15
2-Fluorobiphenyl
Concen: 0.302 ng
RT: 12.82 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BN010671.D
Acq: 30 Apr 2020 13:13

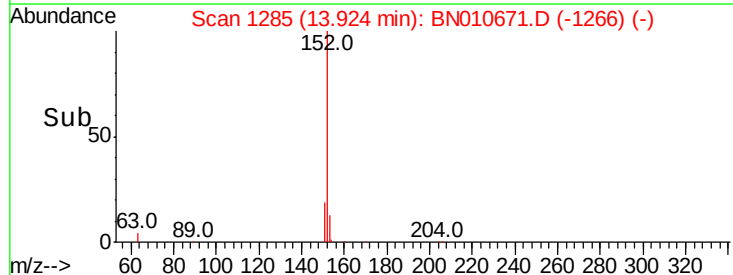
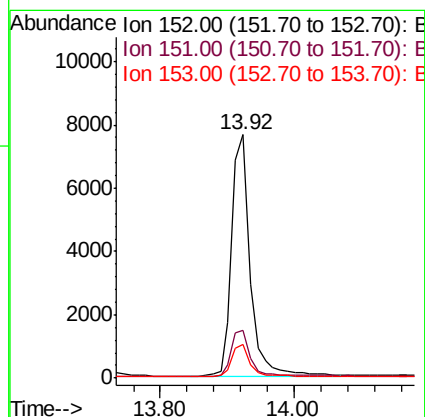
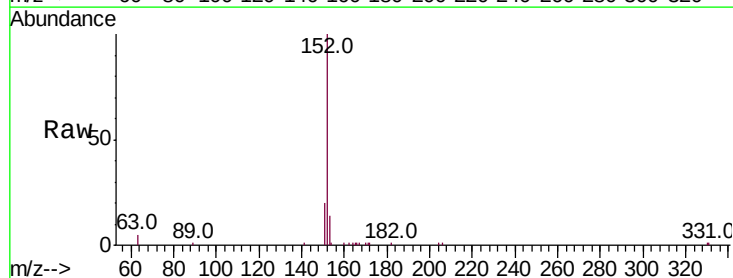
Instrument :
BNA_N
ClientSampleId :
PB128567BS

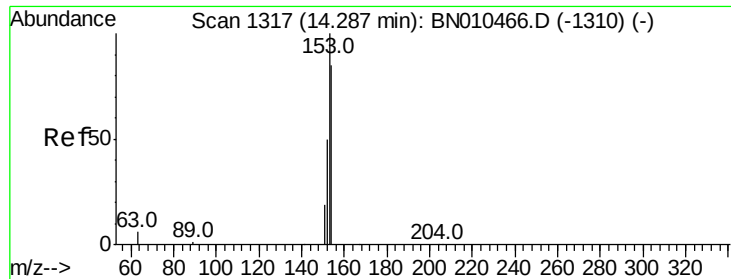
Tot Ion:172 Resp: 9508
Ion Ratio Lower Upper
172 100
171 36.5 28.2 42.2
170 24.1 18.4 27.6



#16
Acenaphthylene
Concen: 0.393 ng
RT: 13.92 min Scan# 1285
Delta R.T. 0.01 min
Lab File: BN010671.D
Acq: 30 Apr 2020 13:13

Tgt Ion:152 Resp: 14680
Ion Ratio Lower Upper
152 100
151 19.7 15.7 23.5
153 13.1 10.6 15.8





#17

Acenaphthene

Concen: 0.409 ng

RT: 14.27 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BN010671.D

Acq: 30 Apr 2020 13:13

Instrument :

BNA_N

ClientSampleId :

PB128567BS

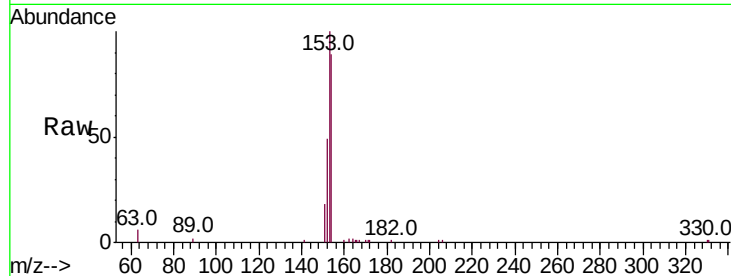
Tot Ion:154 Resp: 9816

Ion Ratio Lower Upper

154 100

153 113.7 91.0 136.4

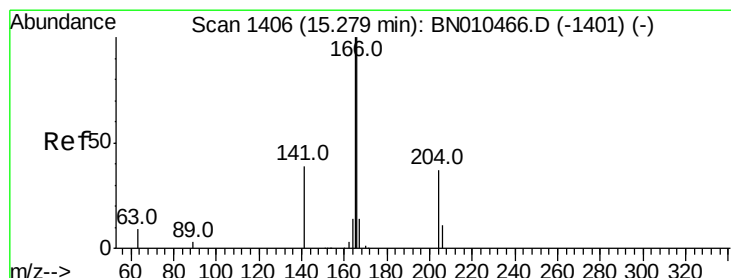
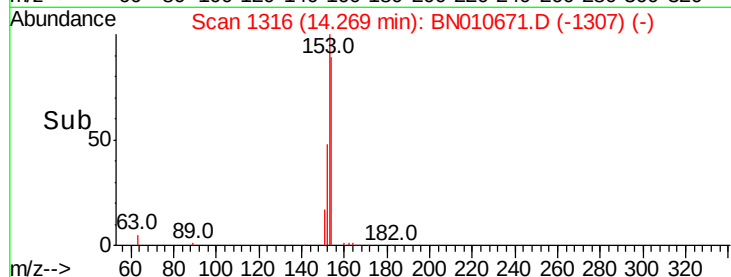
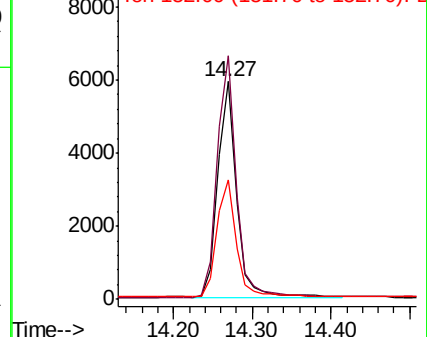
152 55.8 44.6 67.0



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: 0.419 ng

RT: 15.26 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BN010671.D

Acq: 30 Apr 2020 13:13

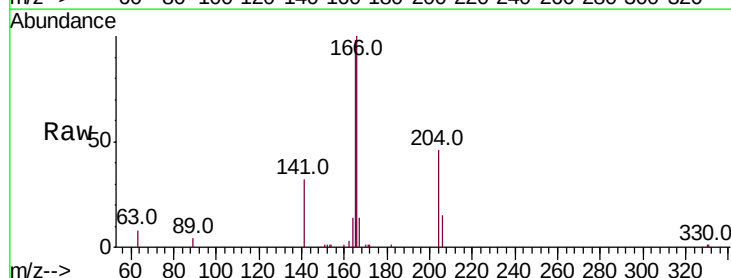
Tgt Ion:166 Resp: 13172

Ion Ratio Lower Upper

166 100

165 98.4 78.4 117.6

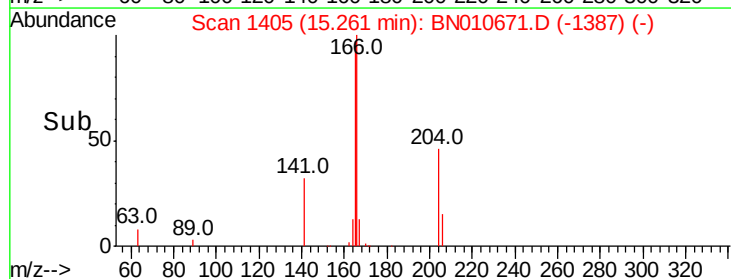
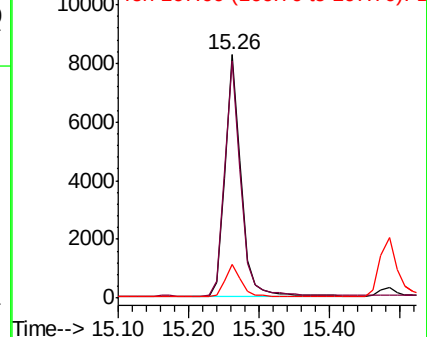
167 13.4 10.9 16.3

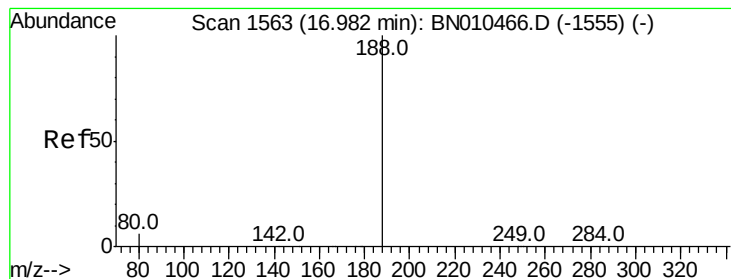


Abundance Ion 166.00 (165.70 to 166.70): E

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# 1561

Delta R.T. -0.00 min

Lab File: BN010671.D

Acq: 30 Apr 2020 13:13

Instrument :

BNA_N

ClientSampleId :

PB128567BS

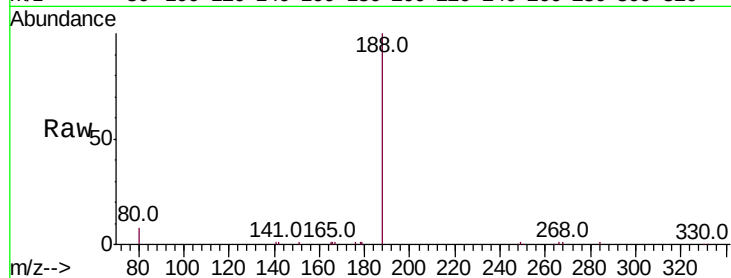
Tot Ion:188 Resp: 19412

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

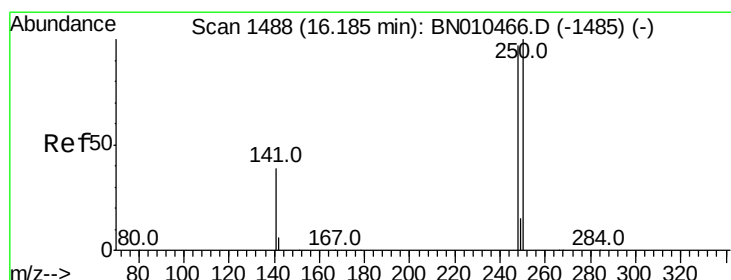
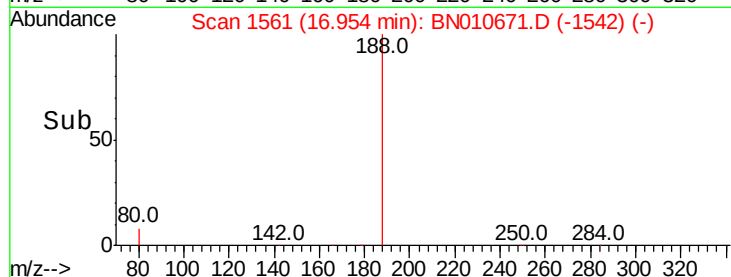
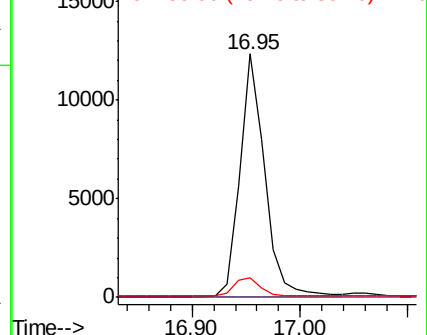
80 8.0 5.0 7.6#



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: 0.387 ng

RT: 16.16 min Scan# 1486

Delta R.T. -0.00 min

Lab File: BN010671.D

Acq: 30 Apr 2020 13:13

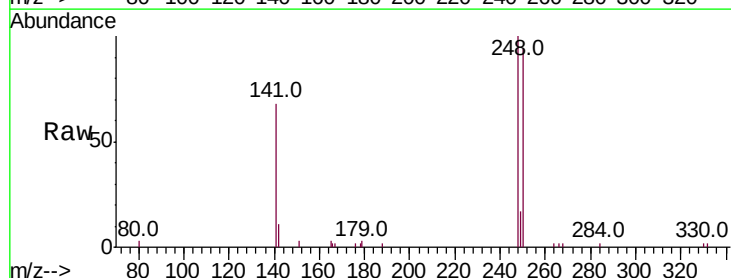
Tgt Ion:248 Resp: 4170

Ion Ratio Lower Upper

248 100

250 94.1 82.3 123.5

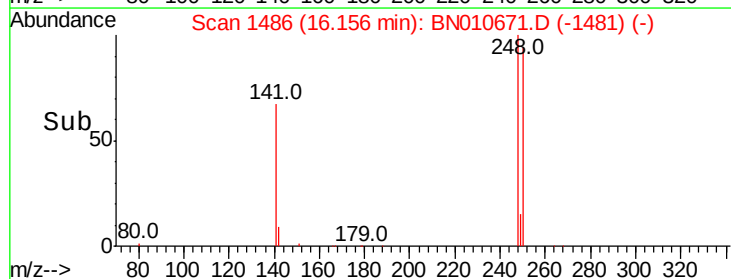
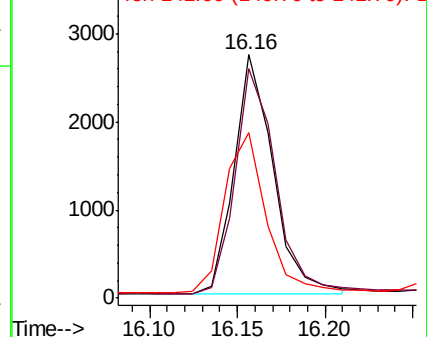
141 67.9 35.2 52.8#

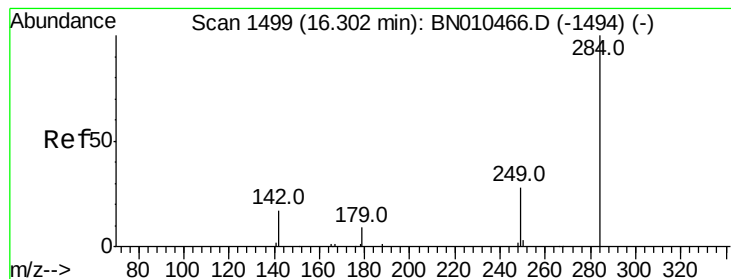


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.402 ng

RT: 16.27 min Scan# 1497

Delta R.T. -0.00 min

Lab File: BN010671.D

Acq: 30 Apr 2020 13:13

Instrument :

BNA_N

ClientSampleId :

PB128567BS

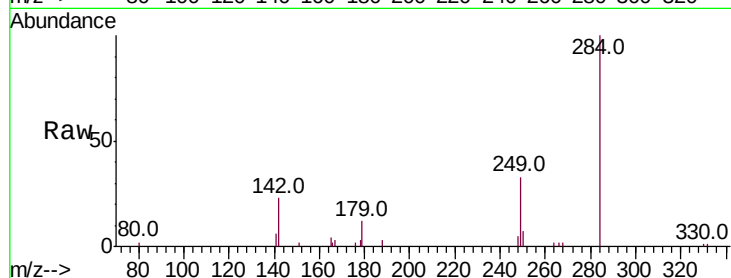
Tot Ion:284 Resp: 4950

Ion Ratio Lower Upper

284 100

142 34.1 25.5 38.3

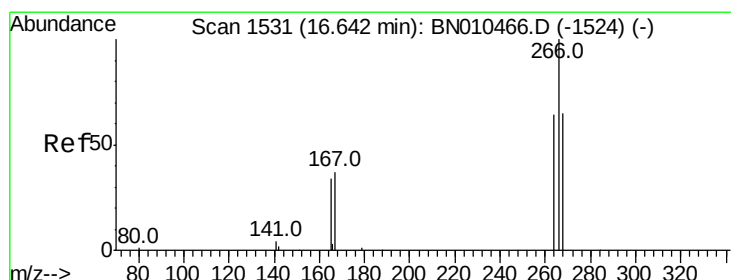
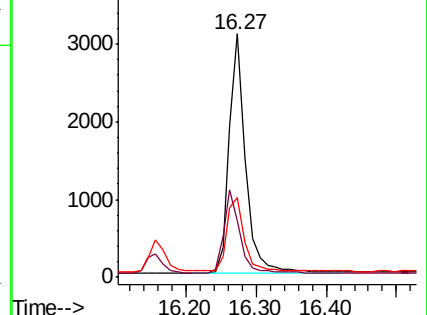
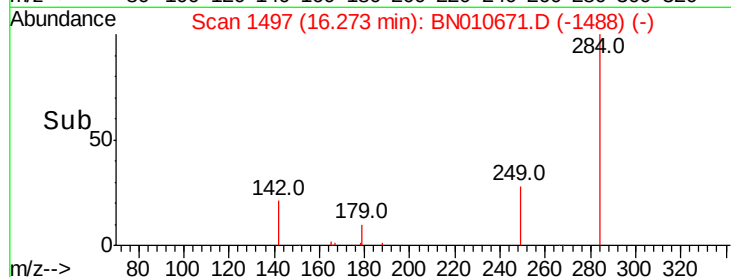
249 33.8 25.8 38.6



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: 0.763 ng

RT: 16.62 min Scan# 1530

Delta R.T. 0.01 min

Lab File: BN010671.D

Acq: 30 Apr 2020 13:13

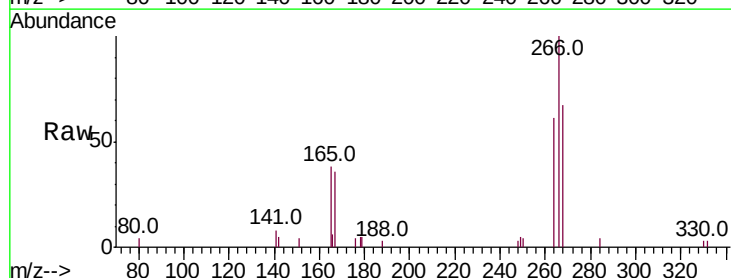
Tgt Ion:266 Resp: 3693

Ion Ratio Lower Upper

266 100

264 60.9 51.8 77.6

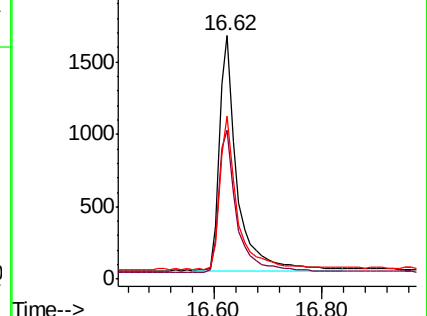
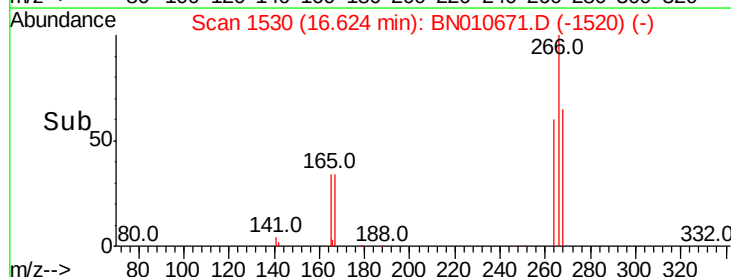
268 67.1 53.7 80.5

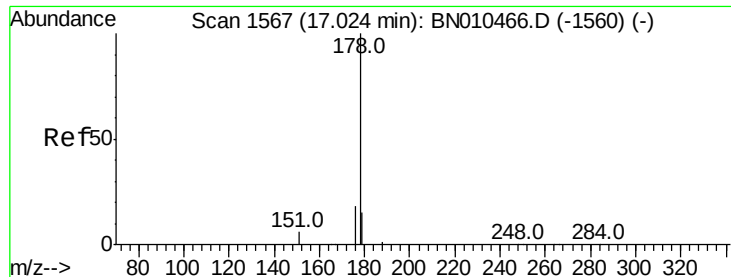


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.417 ng

RT: 17.00 min Scan# 1565

Delta R.T. -0.00 min

Lab File: BN010671.D

Acq: 30 Apr 2020 13:13

Instrument :

BNA_N

ClientSampleId :

PB128567BS

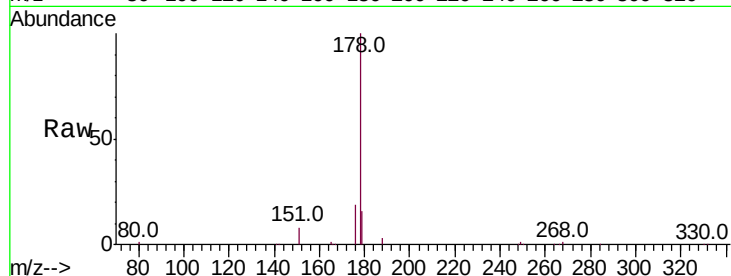
Tot Ion:178 Resp: 21844

Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.4

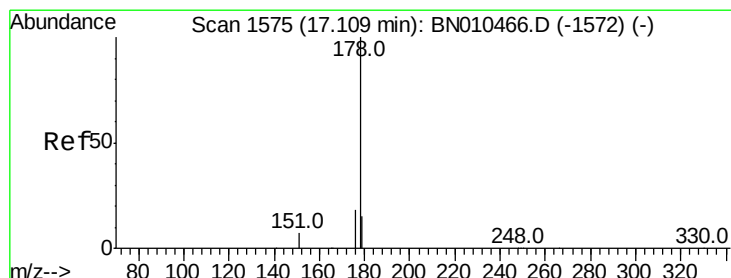
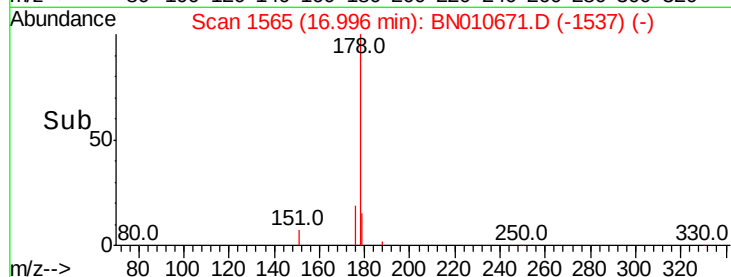
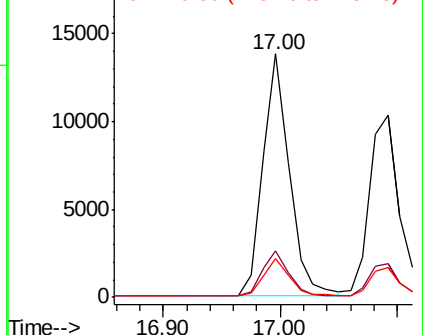
179 15.4 12.6 18.8



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: 0.392 ng

RT: 17.09 min Scan# 1574

Delta R.T. 0.01 min

Lab File: BN010671.D

Acq: 30 Apr 2020 13:13

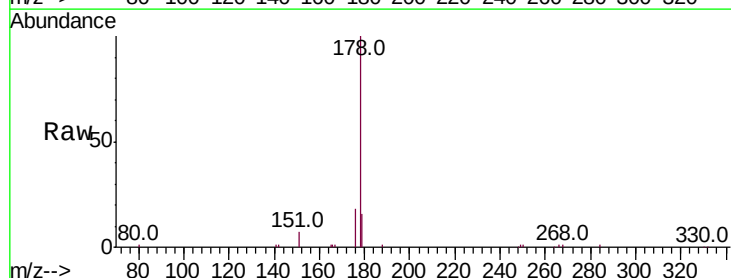
Tgt Ion:178 Resp: 18802

Ion Ratio Lower Upper

178 100

176 18.3 14.6 21.8

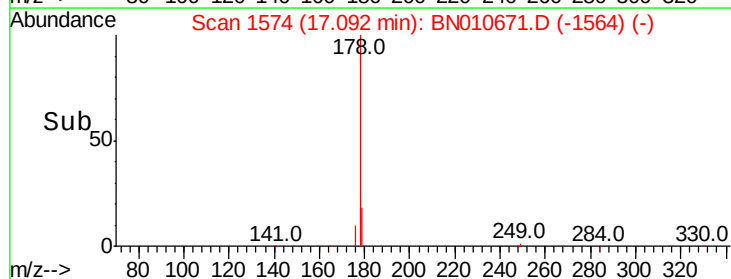
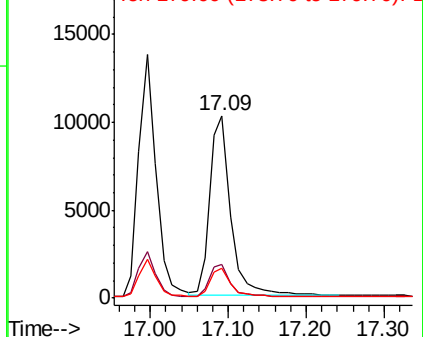
179 15.4 12.2 18.2

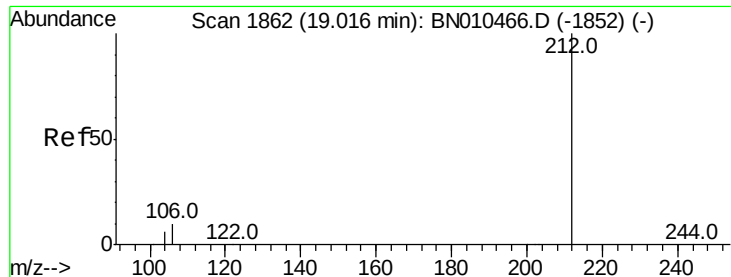


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.264 ng

RT: 18.99 min Scan# 1859

Delta R.T. 0.00 min

Lab File: BN010671.D

Acq: 30 Apr 2020 13:13

Instrument :

BNA_N

ClientSampleId :

PB128567BS

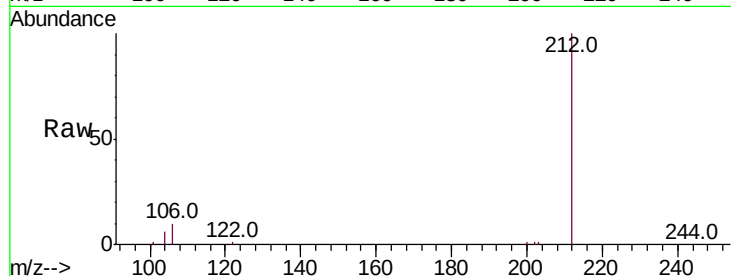
Tot Ion:212 Resp: 15513

Ion Ratio Lower Upper

212 100

106 9.8 7.8 11.6

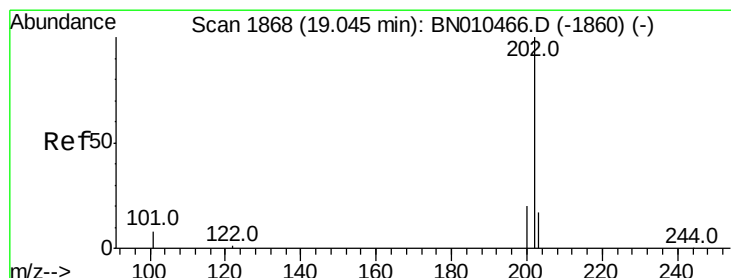
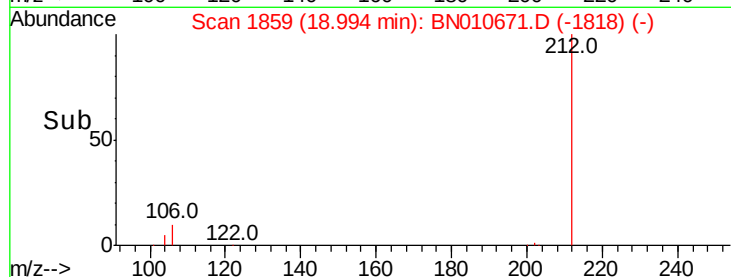
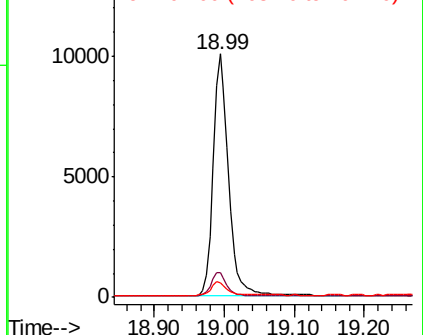
104 5.7 4.5 6.7



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: 0.382 ng

RT: 19.02 min Scan# 1865

Delta R.T. 0.00 min

Lab File: BN010671.D

Acq: 30 Apr 2020 13:13

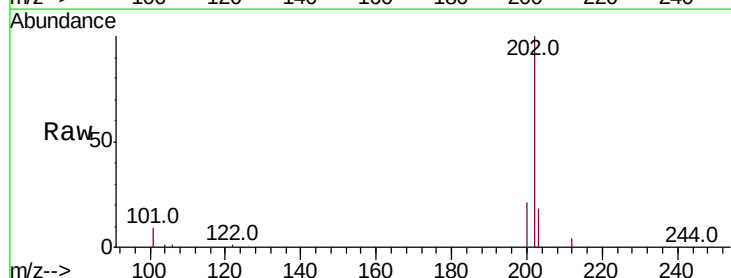
Tgt Ion:202 Resp: 24898

Ion Ratio Lower Upper

202 100

101 8.7 6.9 10.3

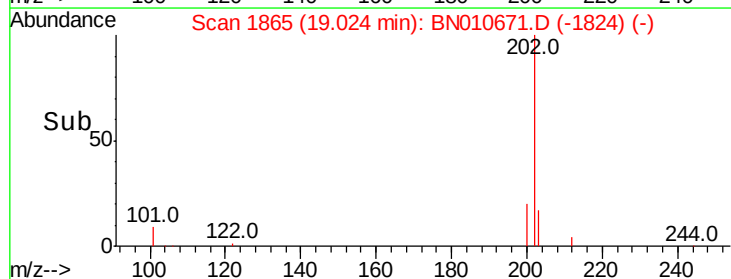
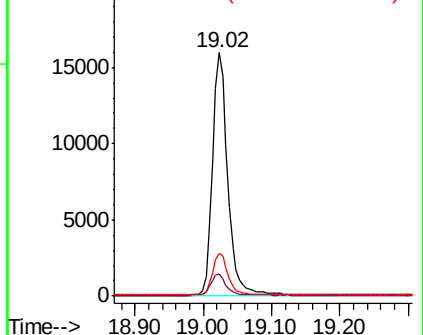
203 17.1 13.9 20.9

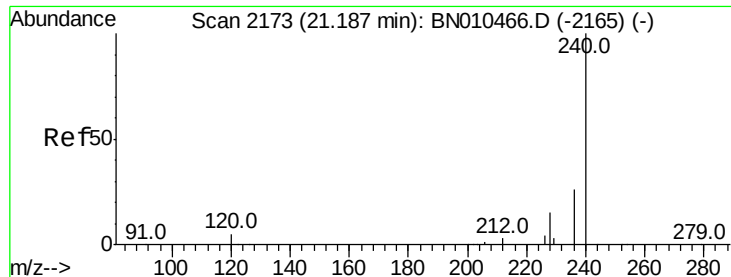


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.16 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BN010671.D

Acq: 30 Apr 2020 13:13

Instrument :

BNA_N

ClientSampleId :

PB128567BS

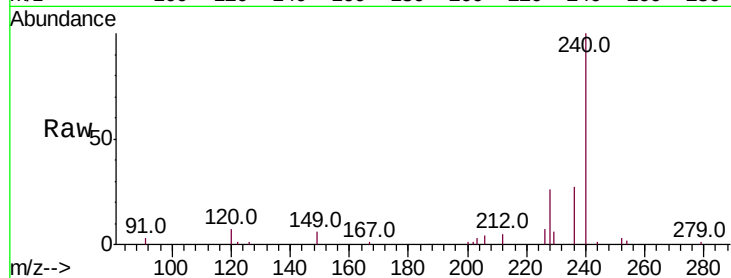
Tot Ion:240 Resp: 16107

Ion Ratio Lower Upper

240 100

120 7.2 4.8 7.2

236 27.1 21.4 32.0

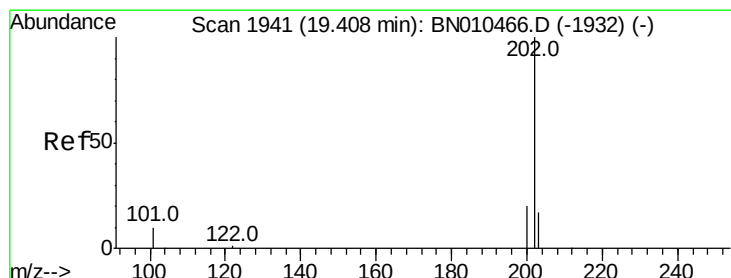
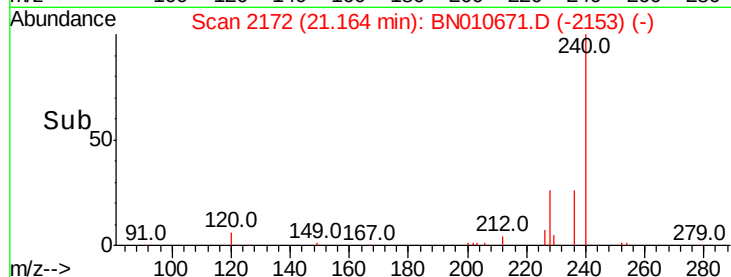
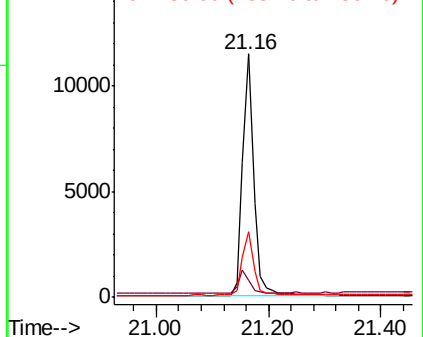


Abundance

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: 0.454 ng

RT: 19.39 min Scan# 1938

Delta R.T. -0.00 min

Lab File: BN010671.D

Acq: 30 Apr 2020 13:13

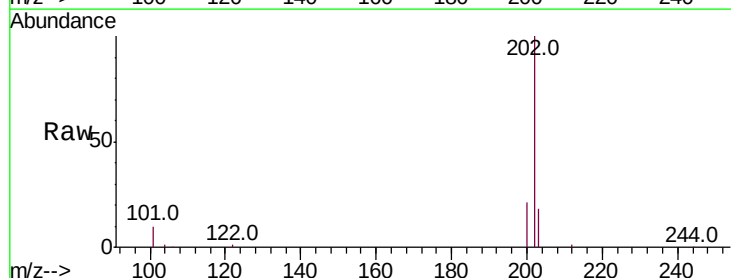
Tgt Ion:202 Resp: 24627

Ion Ratio Lower Upper

202 100

200 20.4 16.3 24.5

203 17.9 14.0 21.0

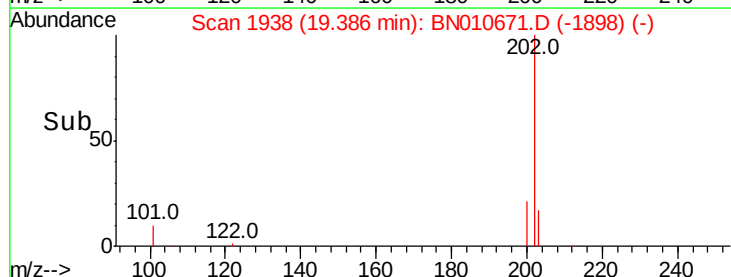
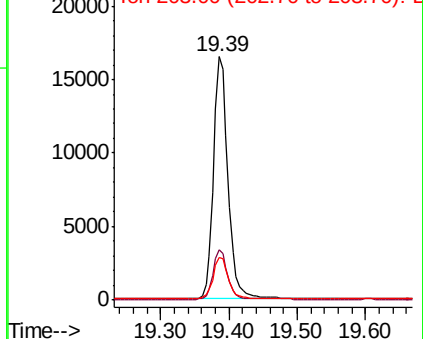


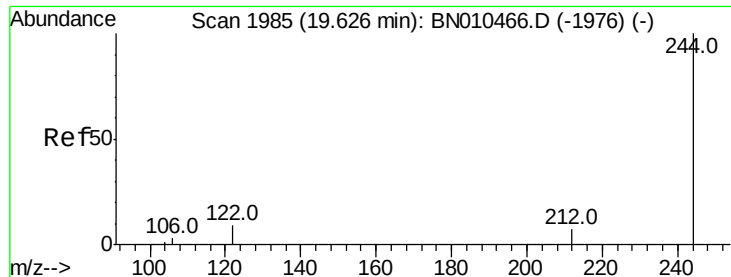
Abundance

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: 0.327 ng

RT: 19.60 min Scan# 1982

Delta R.T. -0.00 min

Lab File: BN010671.D

Acq: 30 Apr 2020 13:13

Instrument :

BNA_N

ClientSampled :

PB128567BS

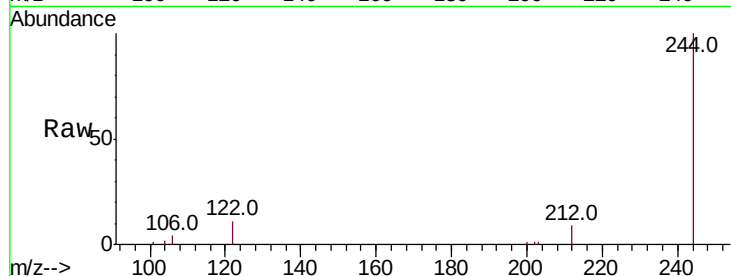
Tot Ion:244 Resp: 12050

Ion Ratio Lower Upper

244 100

212 8.8 6.2 9.4

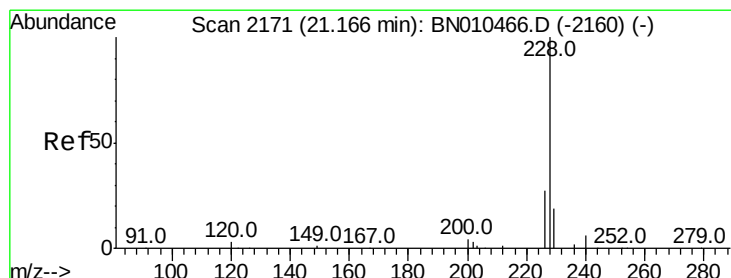
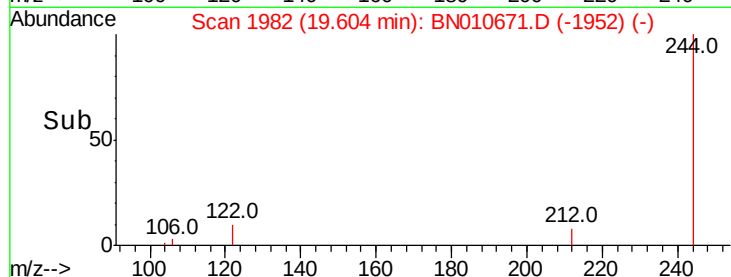
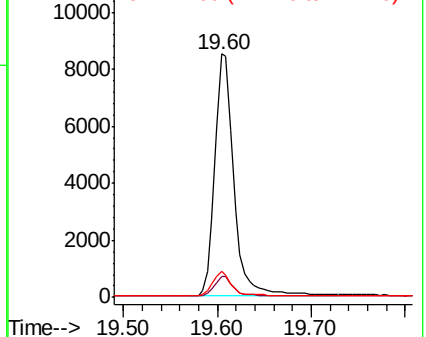
122 10.6 7.8 11.8



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: 0.377 ng

RT: 21.14 min Scan# 2170

Delta R.T. -0.00 min

Lab File: BN010671.D

Acq: 30 Apr 2020 13:13

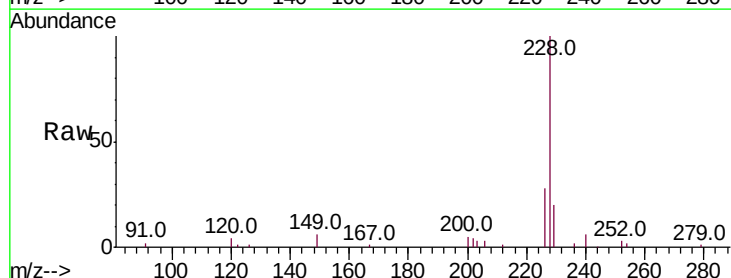
Tgt Ion:228 Resp: 19824

Ion Ratio Lower Upper

228 100

226 28.0 21.7 32.5

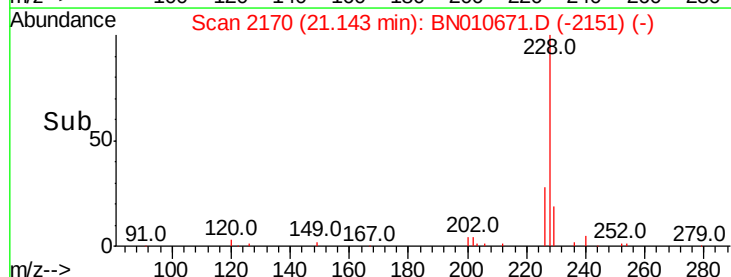
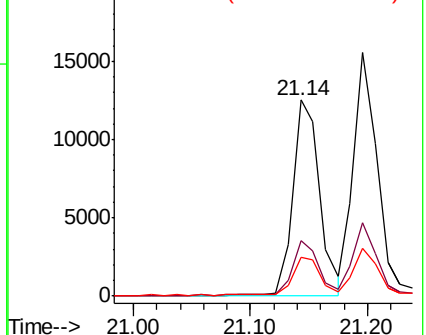
229 19.5 15.6 23.4

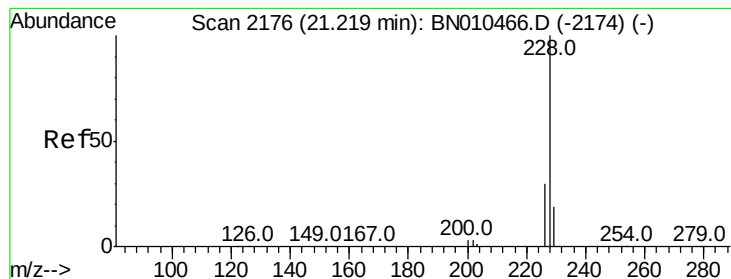


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.415 ng

RT: 21.20 min Scan# 2175

Delta R.T. -0.00 min

Lab File: BN010671.D

Acq: 30 Apr 2020 13:13

Instrument :

BNA_N

ClientSampleId :

PB128567BS

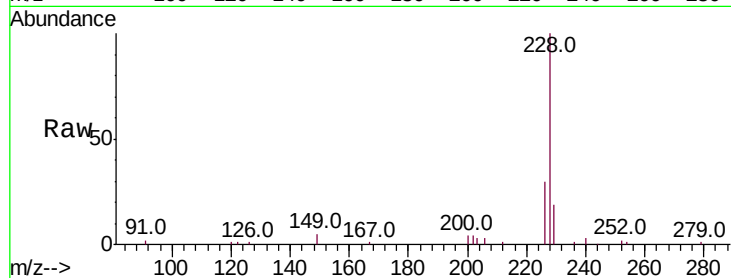
Tot Ion:228 Resp: 21718

Ion Ratio Lower Upper

228 100

226 30.0 24.0 36.0

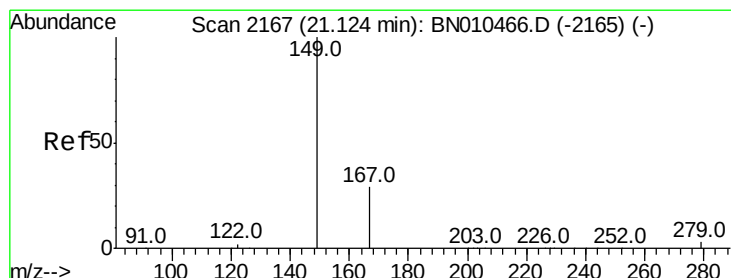
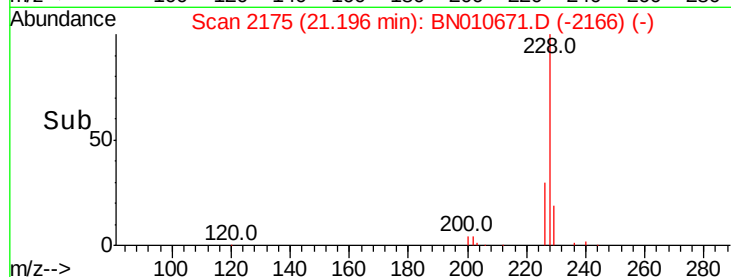
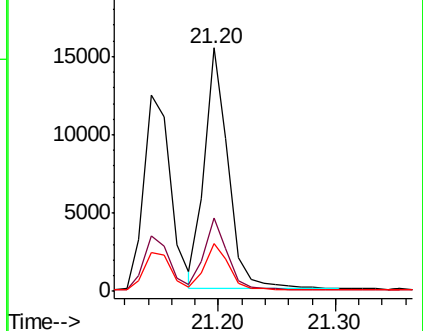
229 19.5 15.8 23.6



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: 0.303 ng

RT: 21.10 min Scan# 2166

Delta R.T. -0.00 min

Lab File: BN010671.D

Acq: 30 Apr 2020 13:13

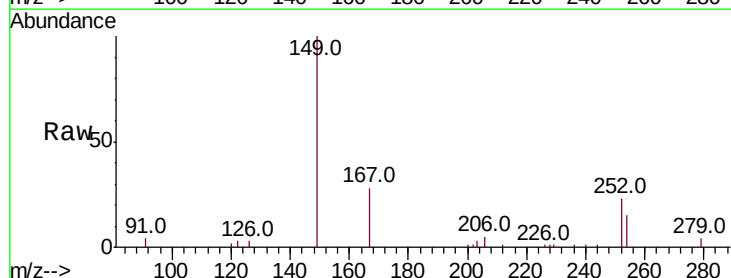
Tgt Ion:149 Resp: 8161

Ion Ratio Lower Upper

149 100

167 28.8 23.4 35.0

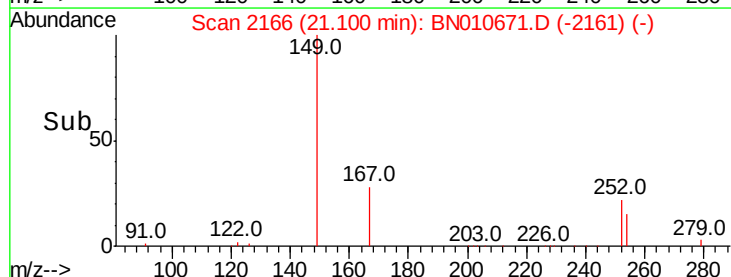
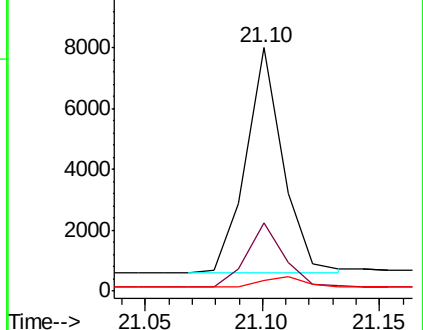
279 5.1 4.0 6.0

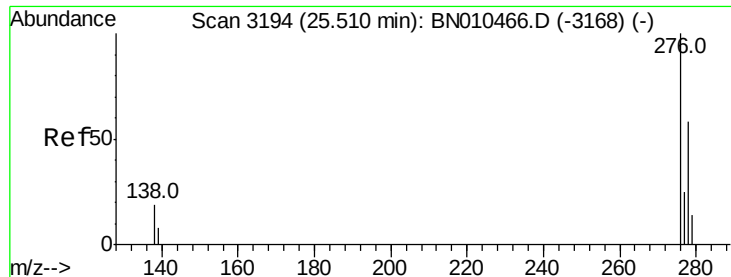


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.453 ng

RT: 25.47 min Scan# 3184

Delta R.T. 0.00 min

Lab File: BN010671.D

Acq: 30 Apr 2020 13:13

Instrument :

BNA_N

ClientSampleId :

PB128567BS

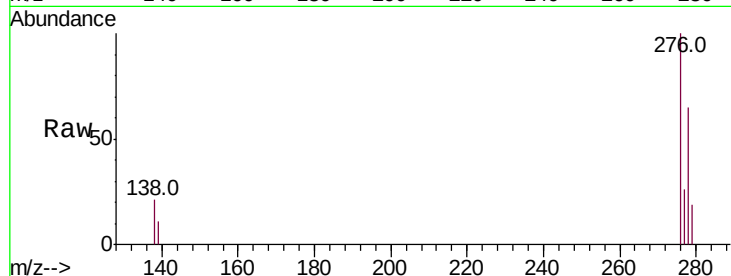
Tot Ion:276 Resp: 20947

Ion Ratio Lower Upper

276 100

138 20.2 16.4 24.6

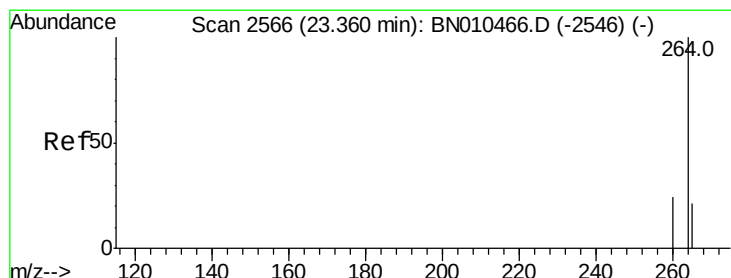
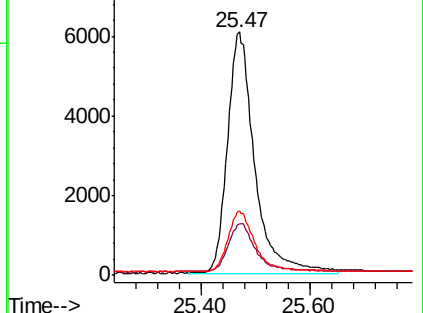
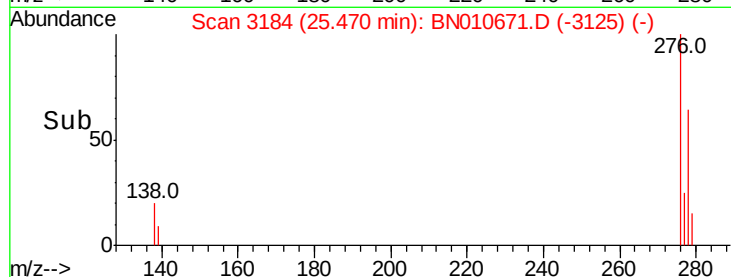
277 25.0 19.8 29.6



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# 2559

Delta R.T. 0.00 min

Lab File: BN010671.D

Acq: 30 Apr 2020 13:13

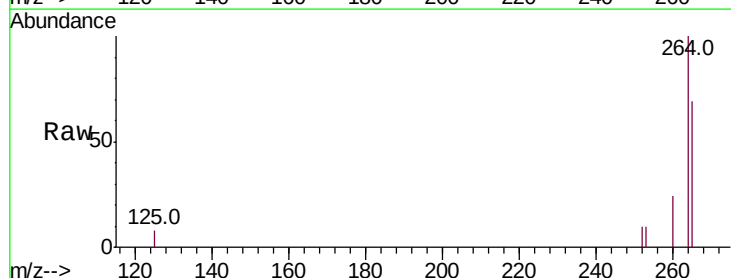
Tgt Ion:264 Resp: 14618

Ion Ratio Lower Upper

264 100

260 24.2 19.8 29.8

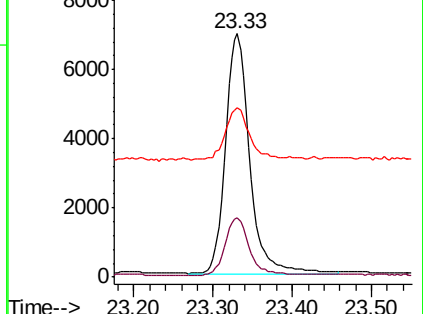
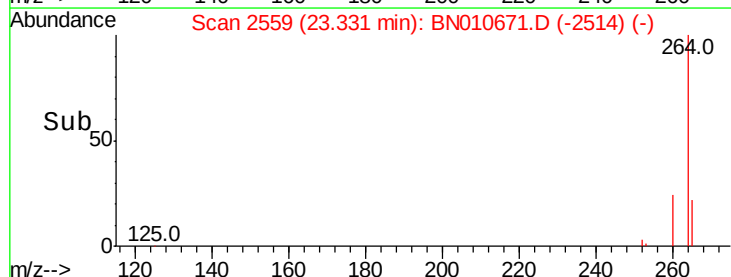
265 69.4 42.3 63.5#

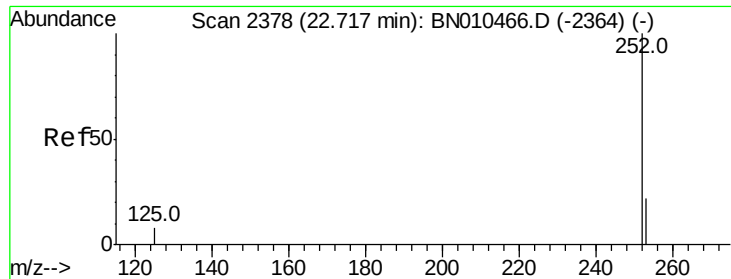


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

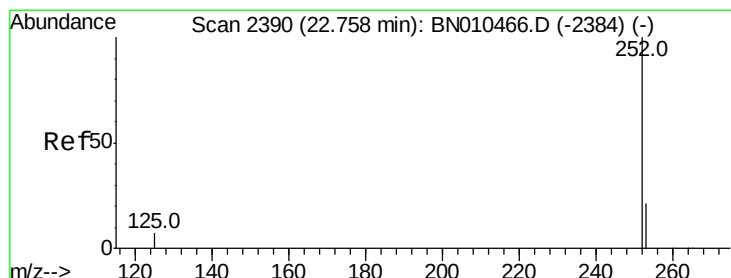
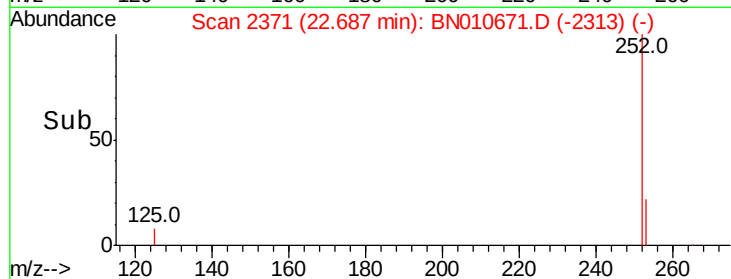
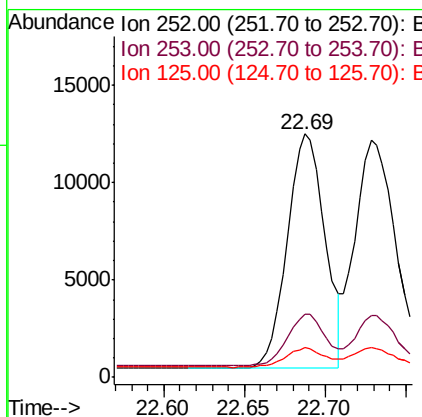
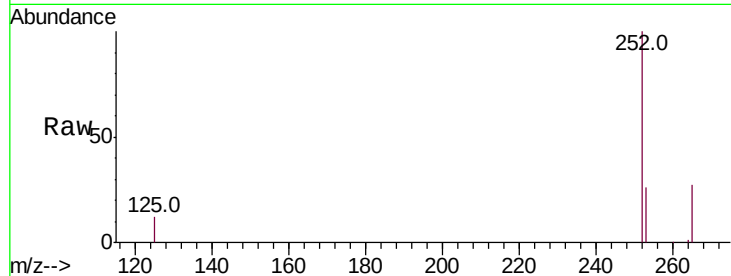




#35
Benzo(b)fluoranthene
Concen: 0.405 ng
RT: 22.69 min Scan# 2371
Delta R.T. -0.00 min
Lab File: BN010671.D
Acq: 30 Apr 2020 13:13

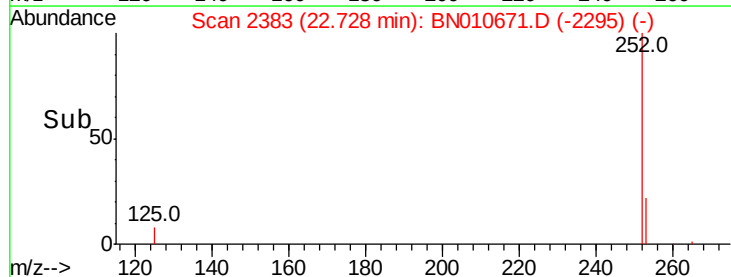
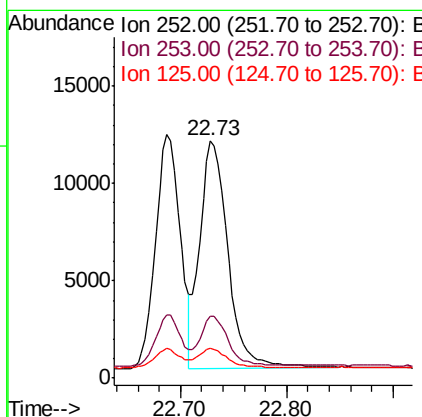
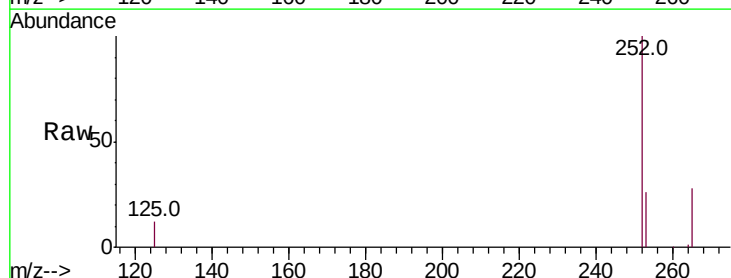
Instrument :
BNA_N
ClientSampleId :
PB128567BS

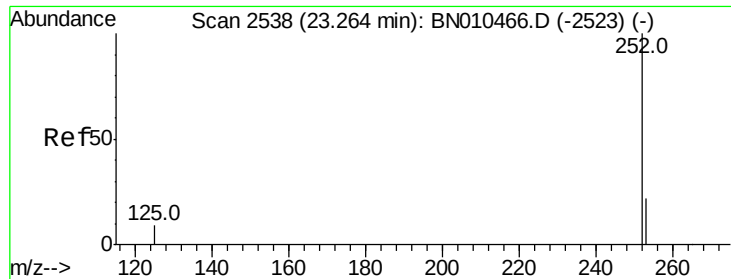
Tot Ion:252 Resp: 19490
Ion Ratio Lower Upper
252 100
253 25.9 20.2 30.4
125 12.2 9.2 13.8



#36
Benzo(k)fluoranthene
Concen: 0.444 ng
RT: 22.73 min Scan# 2383
Delta R.T. -0.00 min
Lab File: BN010671.D
Acq: 30 Apr 2020 13:13

Tgt Ion:252 Resp: 21423
Ion Ratio Lower Upper
252 100
253 26.0 20.1 30.1
125 12.4 9.6 14.4





#37

Benzo(a)pyrene

Concen: 0.422 ng

RT: 23.24 min Scan# 2531

Delta R.T. -0.00 min

Lab File: BN010671.D

Acq: 30 Apr 2020 13:13

Instrument :

BNA_N

ClientSampleId :

PB128567BS

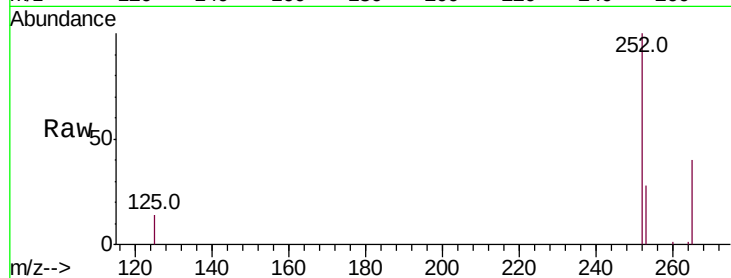
Tot Ion:252 Resp: 17967

Ion Ratio Lower Upper

252 100

253 27.7 21.8 32.8

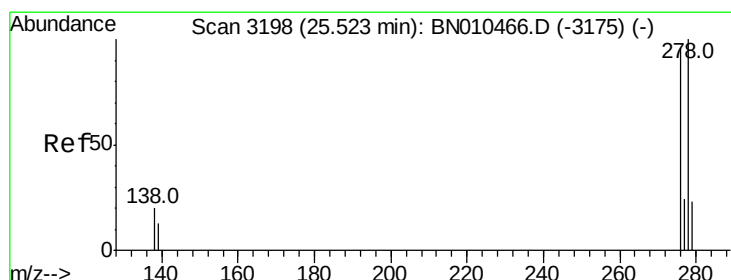
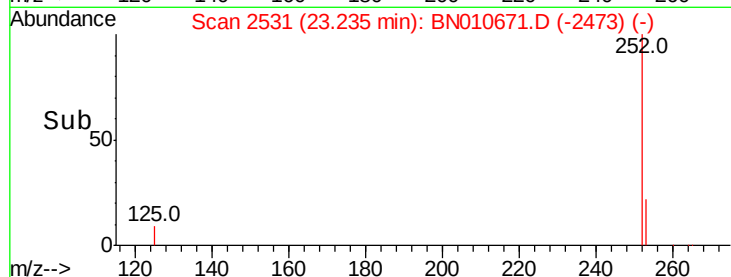
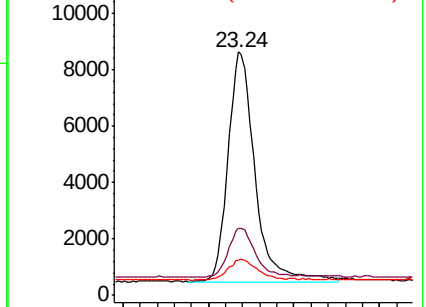
125 14.5 11.0 16.6



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: 0.433 ng

RT: 25.48 min Scan# 3188

Delta R.T. 0.01 min

Lab File: BN010671.D

Acq: 30 Apr 2020 13:13

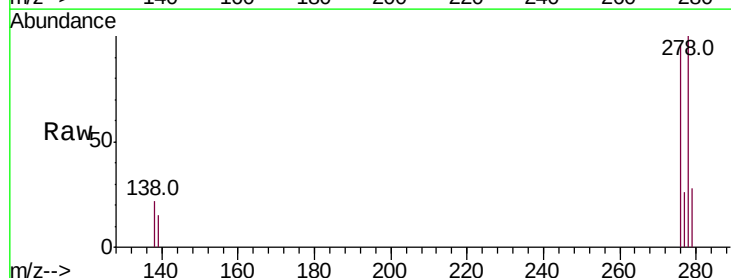
Tgt Ion:278 Resp: 16865

Ion Ratio Lower Upper

278 100

139 14.6 12.3 18.5

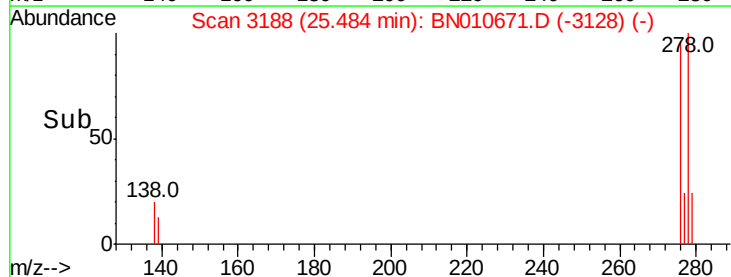
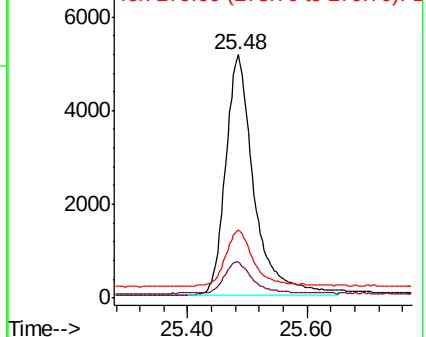
279 28.2 21.9 32.9

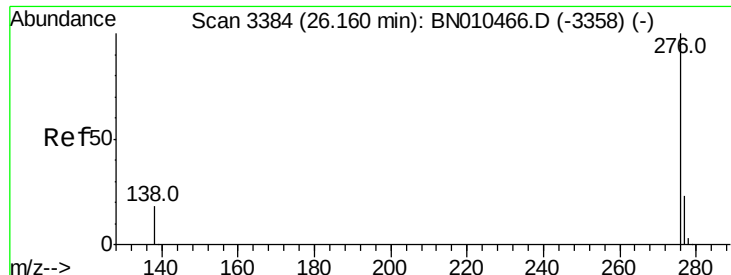


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.472 ng

RT: 26.11 min Scan# 3372

Delta R.T. 0.00 min

Lab File: BN010671.D

Acq: 30 Apr 2020 13:13

Instrument :

BNA_N

ClientSampleId :

PB128567BS

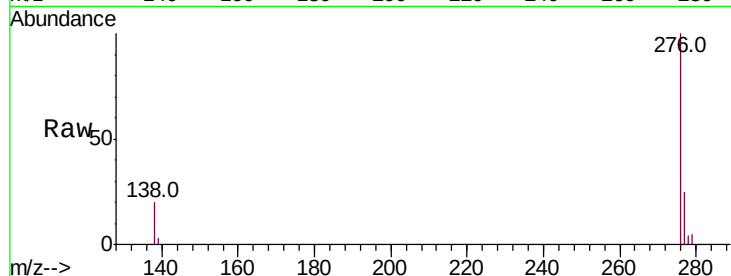
Tot Ion:276 Resp: 18522

Ion Ratio Lower Upper

276 100

277 25.3 20.2 30.2

138 19.6 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

