

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN051220\
 Data File : BN010693.D
 Acq On : 12 May 2020 10:09
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Quant Time: May 12 11:00:33 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 12 10:58:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	2976	0.40	ng	0.00
7) Naphthalene-d8	10.33	136	12337	0.40	ng	0.00
13) Acenaphthene-d10	14.20	164	7978	0.40	ng	0.00
19) Phenanthrene-d10	16.95	188	16975	0.40	ng	0.00
27) Chrysene-d12	21.16	240	13016	0.40	ng	0.00
34) Perylene-d12	23.33	264	11874	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	2412	0.37	ng	0.00
5) Phenol-d6	6.78	99	2919	0.34	ng	0.00
8) Nitrobenzene-d5	8.72	82	3314	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	11.93	152	8196	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.71	330	1020	0.27	ng	0.00
15) 2-Fluorobiphenyl	12.82	172	11483	0.40	ng	0.00
25) Fluoranthene-d10	18.99	212	17647	0.34	ng	0.00
29) Terphenyl-d14	19.60	244	12657	0.42	ng	0.00

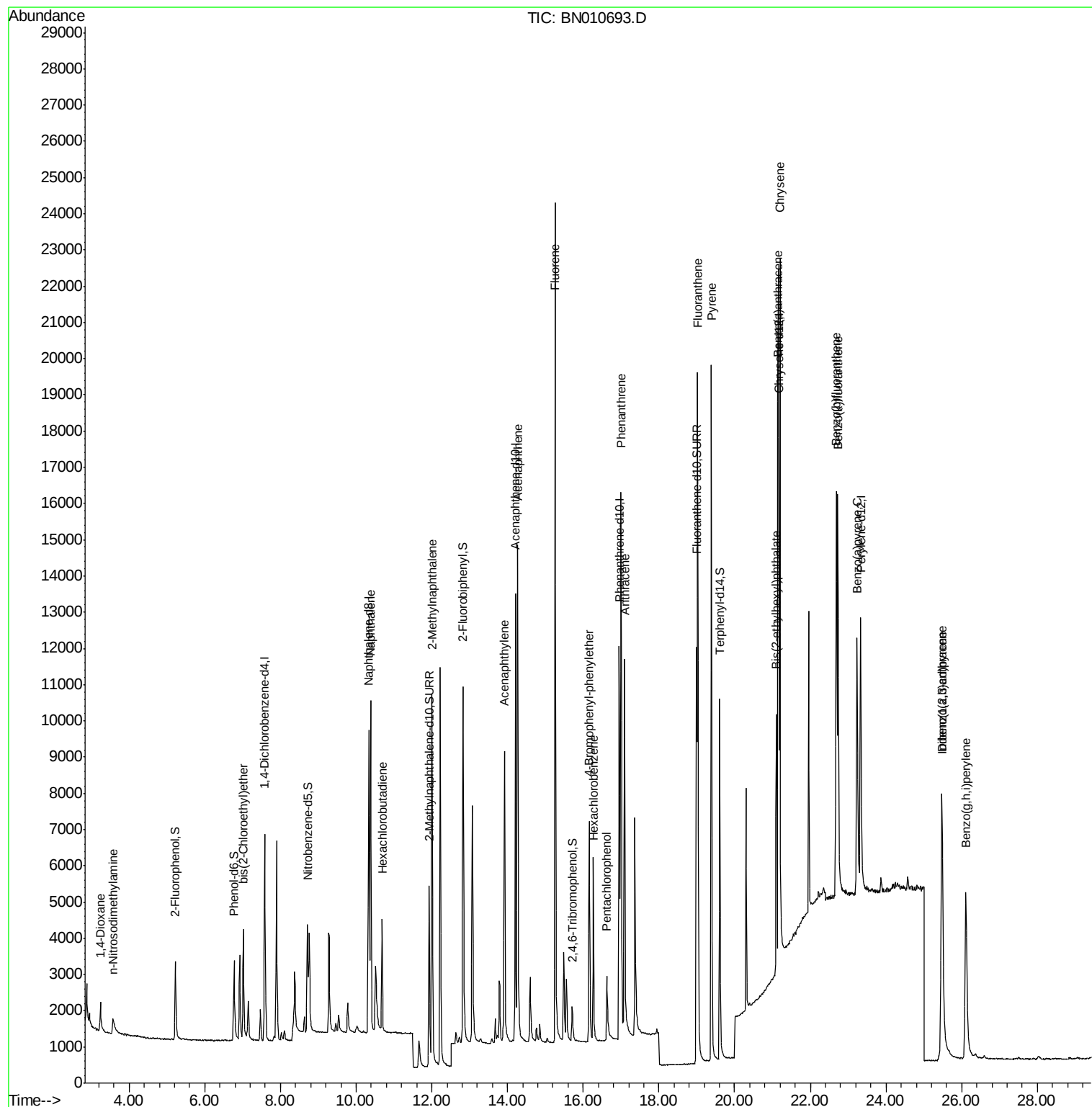
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.24	88	913	0.417	ng	99
3) n-Nitrosodimethylamine	3.58	42	533	0.375	ng	# 89
6) bis(2-Chloroethyl)ether	7.02	93	3084	0.418	ng	98
9) Naphthalene	10.38	128	12343	0.403	ng	99
10) Hexachlorobutadiene	10.68	225	2728	0.369	ng	# 97
12) 2-Methylnaphthalene	12.01	142	8899	0.404	ng	99
16) Acenaphthylene	13.91	152	12007	0.348	ng	100
17) Acenaphthene	14.27	154	8479	0.383	ng	98
18) Fluorene	15.26	166	11112	0.383	ng	99
20) 4-Bromophenyl-phenylether	16.16	248	3575	0.379	ng	# 83
21) Hexachlorobenzene	16.27	284	4385	0.407	ng	97
22) Pentachlorophenol	16.62	266	1499	0.354	ng	99
23) Phenanthrene	17.00	178	17474	0.381	ng	99
24) Anthracene	17.09	178	14168	0.338	ng	100
26) Fluoranthene	19.02	202	19713	0.345	ng	99
28) Pyrene	19.39	202	19737	0.450	ng	100
30) Benzo(a)anthracene	21.14	228	14391	0.339	ng	99
31) Chrysene	21.20	228	16664	0.394	ng	99
32) Bis(2-ethylhexyl)phthalate	21.10	149	6638	0.305	ng	97
33) Indeno(1,2,3-cd)pyrene	25.47	276	12658	0.338	ng	97
35) Benzo(b)fluoranthene	22.68	252	15228	0.390	ng	96
36) Benzo(k)fluoranthene	22.73	252	16217	0.414	ng	96
37) Benzo(a)pyrene	23.23	252	12784	0.369	ng	# 91
38) Dibenzo(a,h)anthracene	25.49	278	8980	0.284	ng	# 91
39) Benzo(g,h,i)perylene	26.11	276	12407	0.390	ng	97

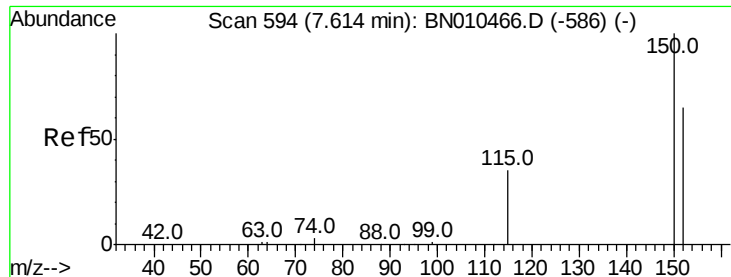
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN051220\
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QLast Update : Tue May 12 10:58:34 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.58 min Scan# 590

Delta R.T. 0.00 min

Lab File: BN010693.D

Acq: 12 May 2020 10:09

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

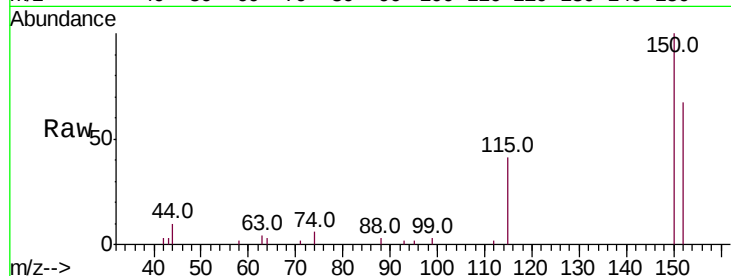
Tot Ion:152 Resp: 2976

Ion Ratio Lower Upper

152 100

150 149.2 121.8 182.6

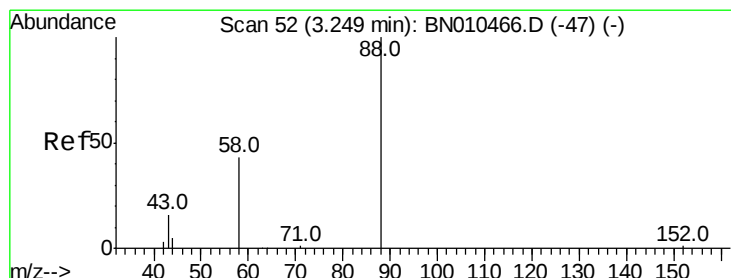
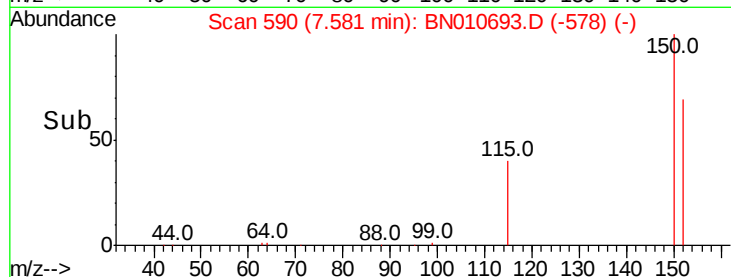
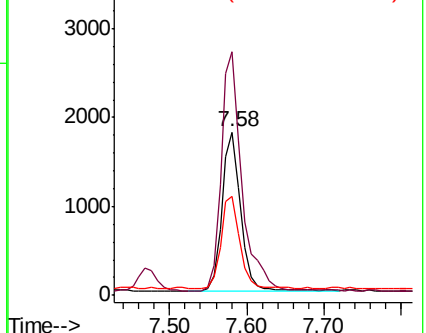
115 60.5 45.5 68.3



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: 0.417 ng

RT: 3.24 min Scan# 51

Delta R.T. 0.00 min

Lab File: BN010693.D

Acq: 12 May 2020 10:09

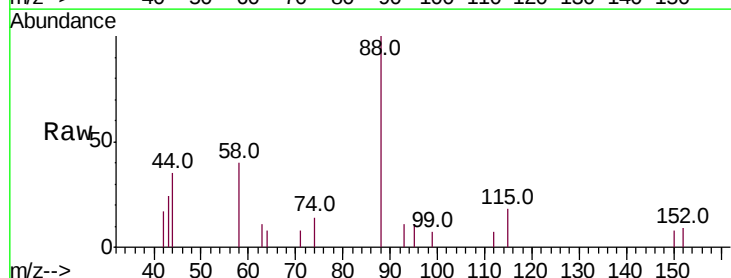
Tgt Ion: 88 Resp: 913

Ion Ratio Lower Upper

88 100

58 45.5 36.5 54.7

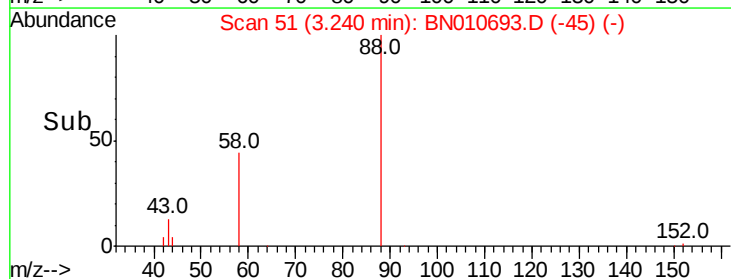
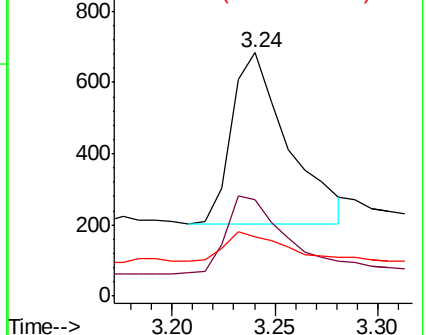
43 17.1 13.2 19.8

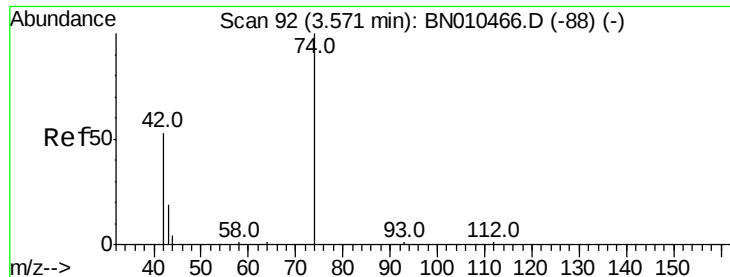


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC



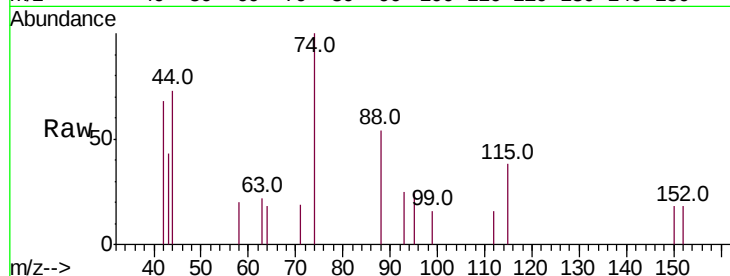


#3

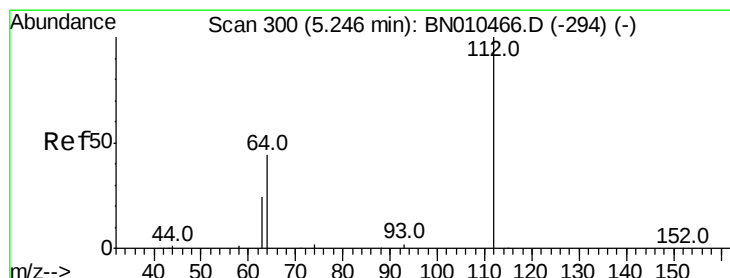
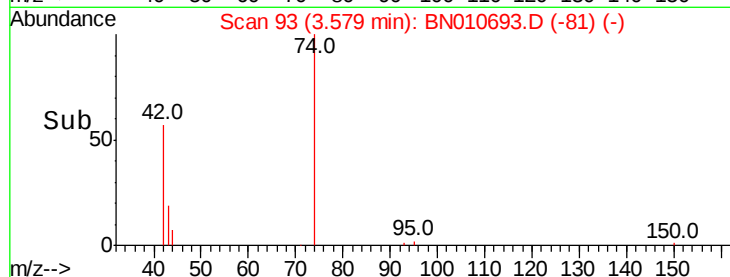
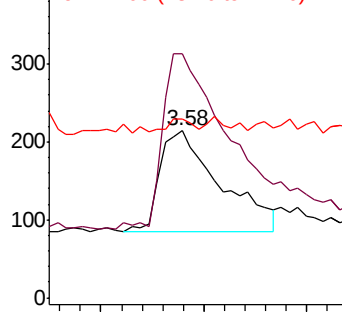
n-Nitrosodimethylamine
 Concen: 0.375 ng
 RT: 3.58 min Scan# 93
 Delta R.T. 0.00 min
 Lab File: BN010693.D
 Acq: 12 May 2020 10:09

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Tot Ion: 42 Resp: 533
 Ion Ratio Lower Upper
 42 100
 74 185.9 162.2 243.4
 44 5.1 2.4 3.6#



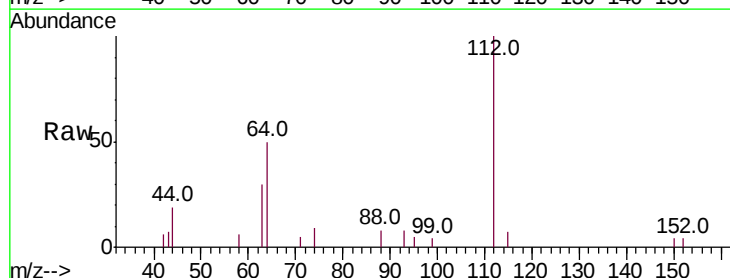
Abundance Ion 42.00 (41.70 to 42.70): BN0
 Ion 74.00 (73.70 to 74.70): BN0
 Ion 44.00 (43.70 to 44.70): BN0



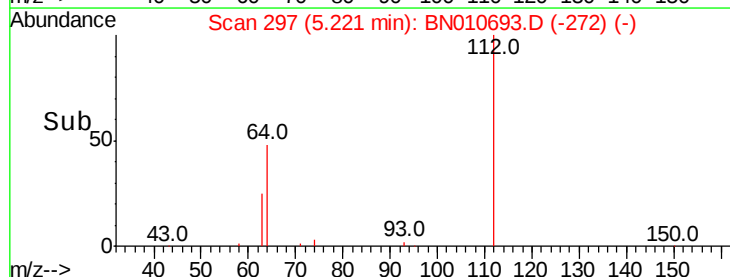
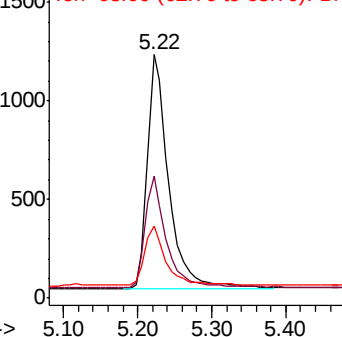
#4

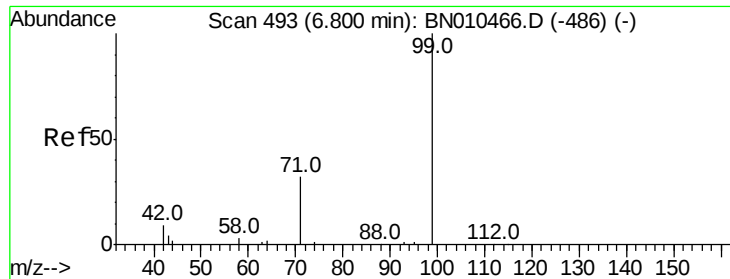
2-Fluorophenol
 Concen: 0.370 ng
 RT: 5.22 min Scan# 297
 Delta R.T. 0.00 min
 Lab File: BN010693.D
 Acq: 12 May 2020 10:09

Tgt Ion: 112 Resp: 2412
 Ion Ratio Lower Upper
 112 100
 64 45.4 35.8 53.8
 63 25.3 19.9 29.9



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BN0
 Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.343 ng

RT: 6.78 min Scan# 490

Delta R.T. 0.00 min

Lab File: BN010693.D

Acq: 12 May 2020 10:09

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

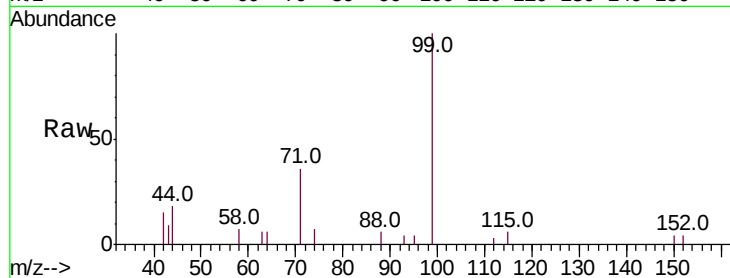
Tot Ion: 99 Resp: 2919

Ion Ratio Lower Upper

99 100

42 13.0 9.8 14.6

71 36.3 27.8 41.8

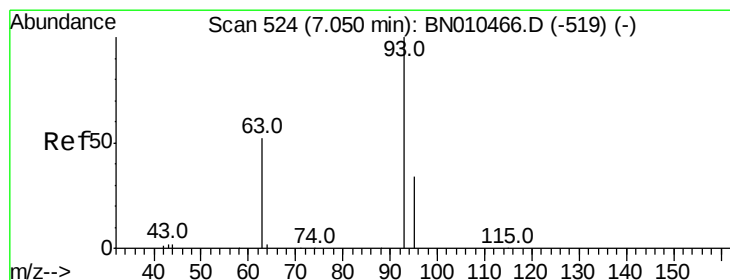
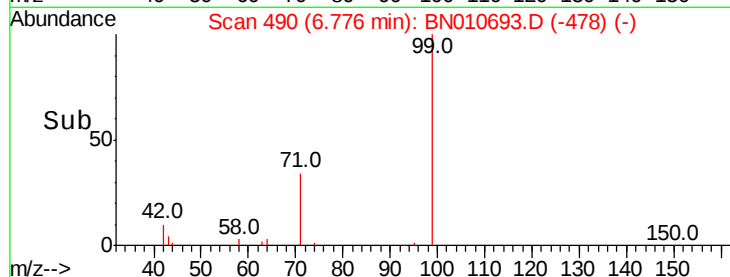
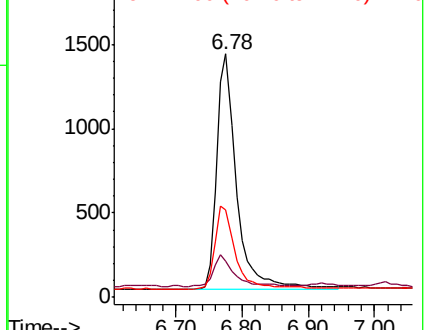


Abundance

Ion 99.00 (98.70 to 99.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 71.00 (70.70 to 71.70): BN0



#6

bis(2-Chloroethyl)ether

Concen: 0.418 ng

RT: 7.02 min Scan# 520

Delta R.T. 0.00 min

Lab File: BN010693.D

Acq: 12 May 2020 10:09

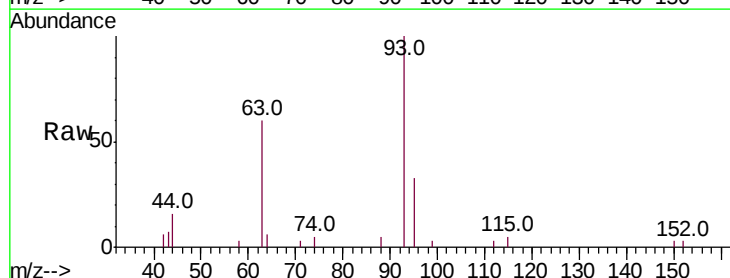
Tgt Ion: 93 Resp: 3084

Ion Ratio Lower Upper

93 100

63 54.1 44.6 66.8

95 31.7 26.5 39.7

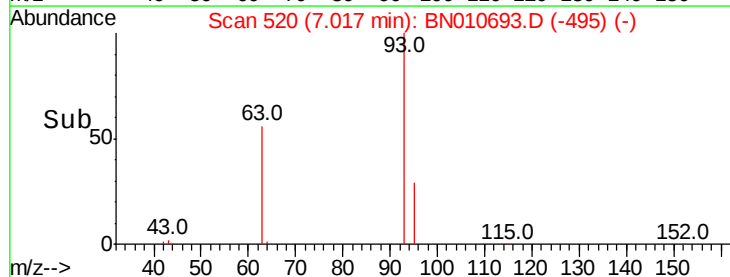
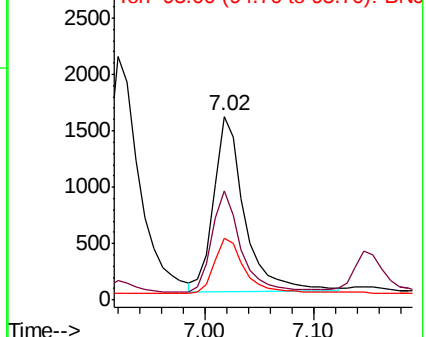


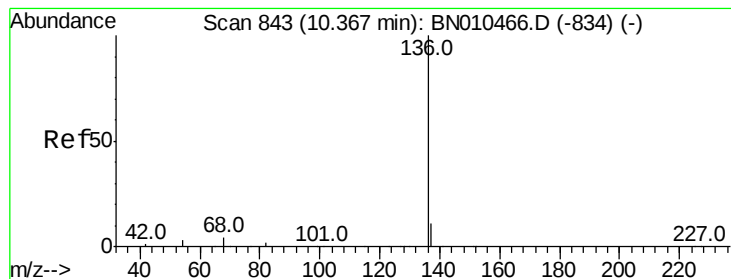
Abundance

Ion 93.00 (92.70 to 93.70): BN0

Ion 63.00 (62.70 to 63.70): BN0

Ion 95.00 (94.70 to 95.70): BN0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.33 min Scan# 840

Delta R.T. 0.00 min

Lab File: BN010693.D

Acq: 12 May 2020 10:09

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 12337

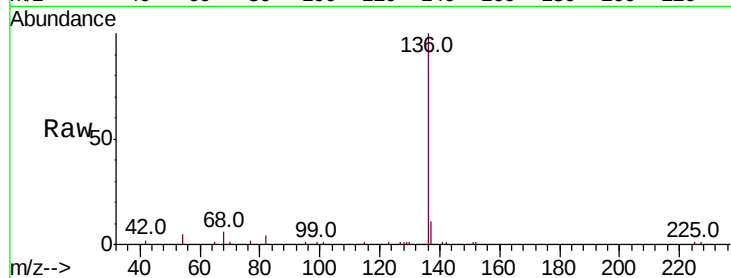
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 4.7 2.6 4.0#

68 5.9 3.4 5.2#

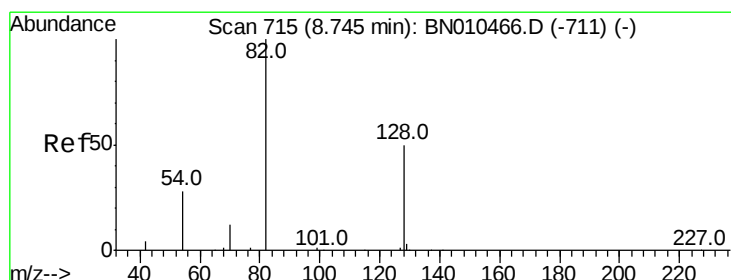
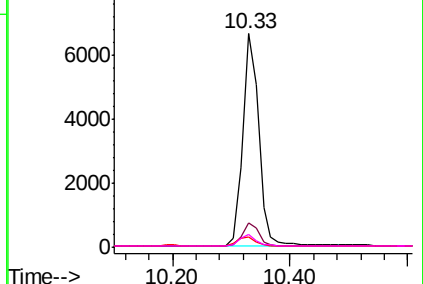
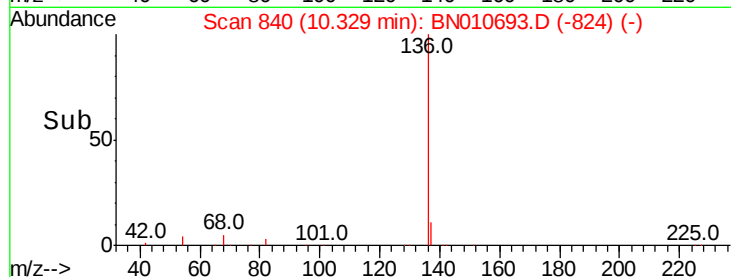


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.384 ng

RT: 8.72 min Scan# 713

Delta R.T. 0.00 min

Lab File: BN010693.D

Acq: 12 May 2020 10:09

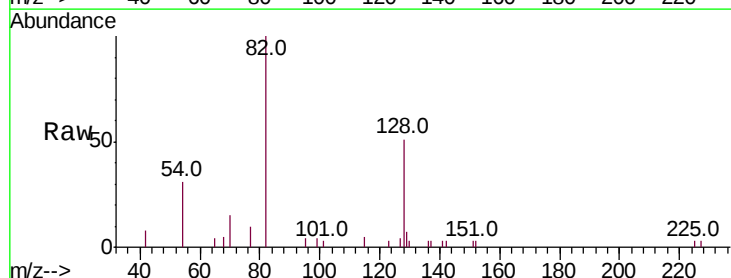
Tgt Ion: 82 Resp: 3314

Ion Ratio Lower Upper

82 100

128 50.6 41.3 61.9

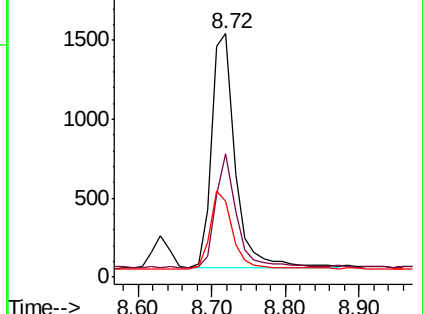
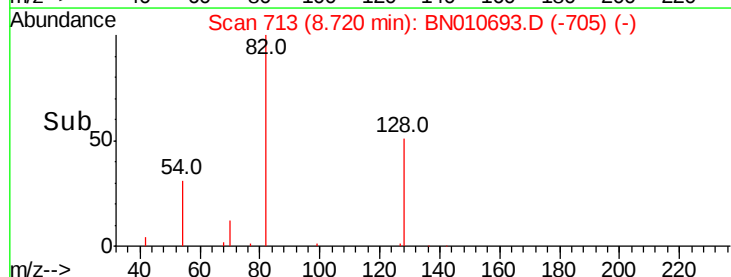
54 31.1 23.4 35.0

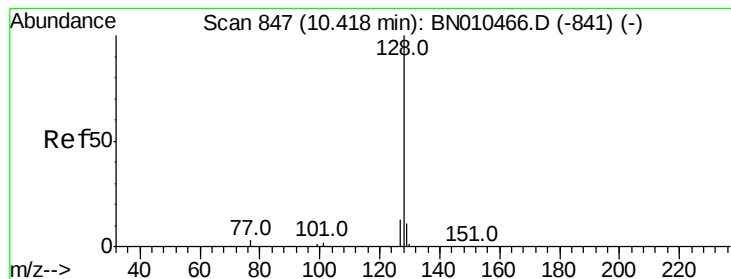


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.403 ng

RT: 10.38 min Scan# 844

Delta R.T. 0.00 min

Lab File: BN010693.D

Acq: 12 May 2020 10:09

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

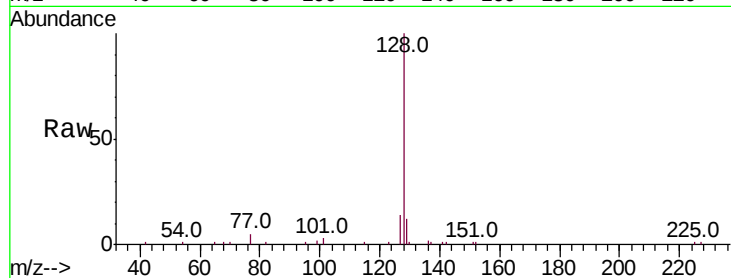
Tot Ion:128 Resp: 12343

Ion Ratio Lower Upper

128 100

129 11.6 9.3 13.9

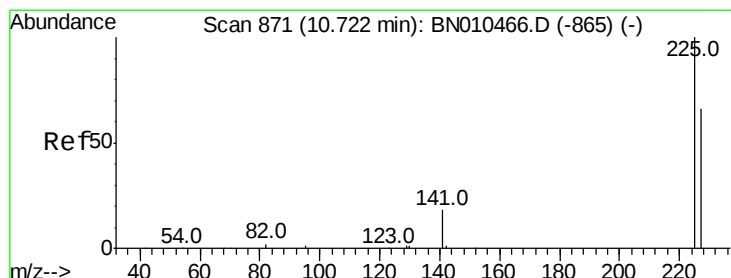
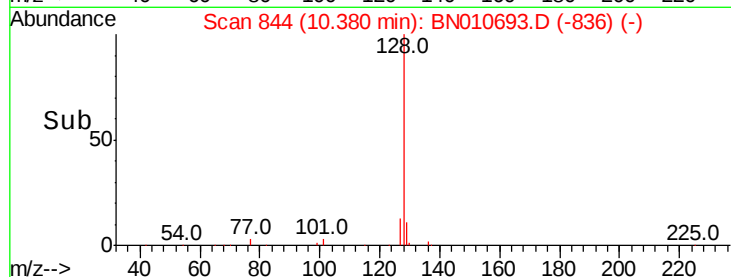
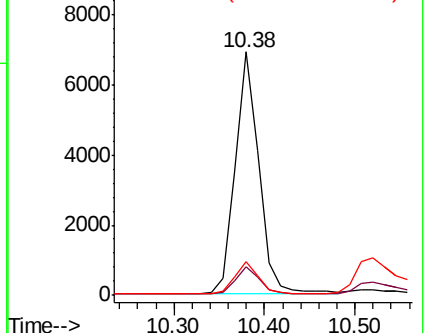
127 13.7 10.5 15.7



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: 0.369 ng

RT: 10.68 min Scan# 868

Delta R.T. 0.00 min

Lab File: BN010693.D

Acq: 12 May 2020 10:09

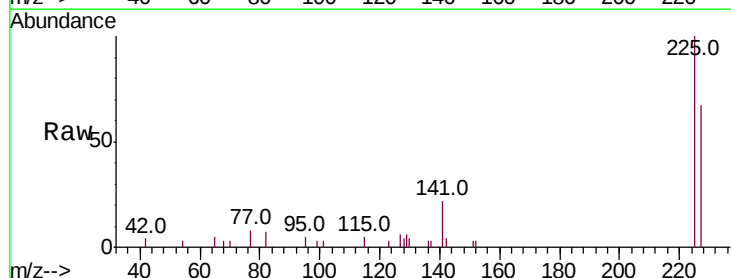
Tgt Ion:225 Resp: 2728

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

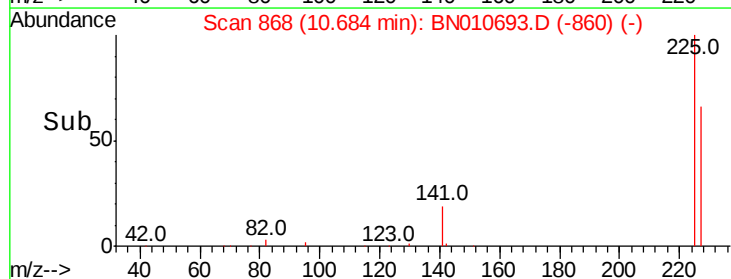
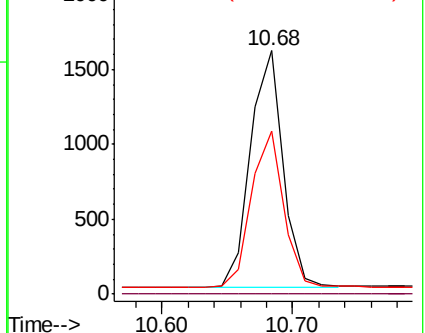
227 65.5 50.6 76.0

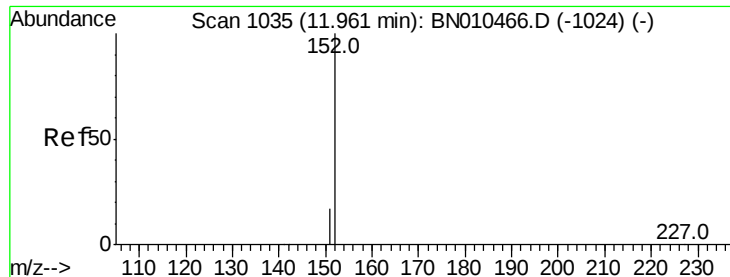


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

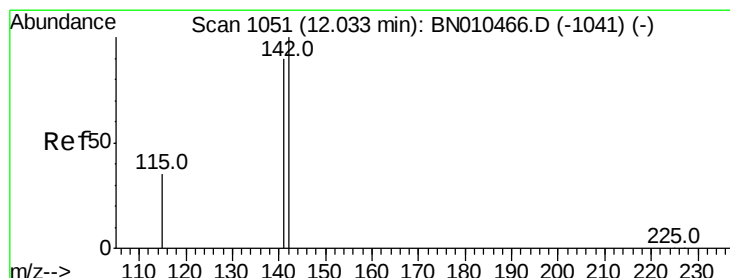
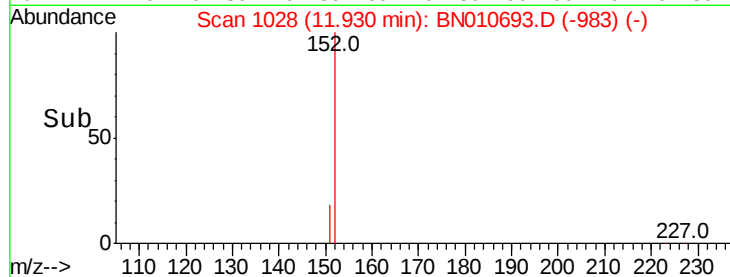
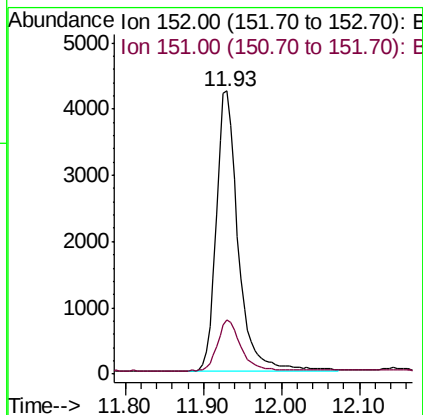
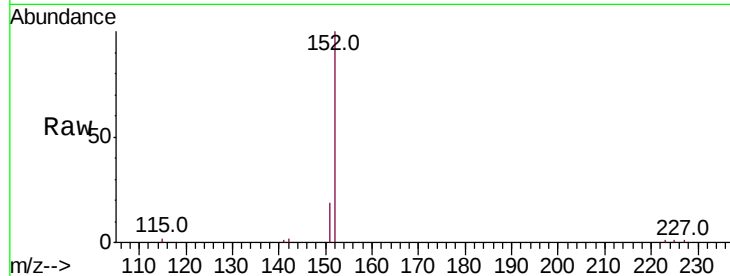




#11
2-Methylnaphthalene-d10
Concen: 0.404 ng
RT: 11.93 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BN010693.D
Acq: 12 May 2020 10:09

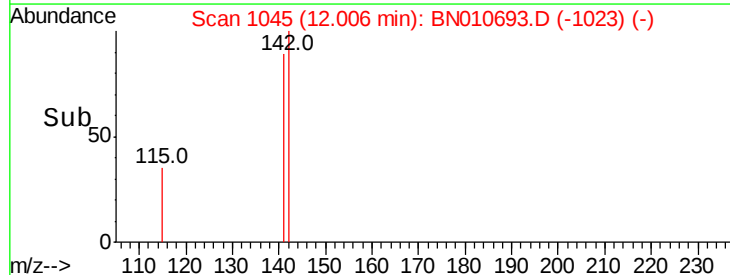
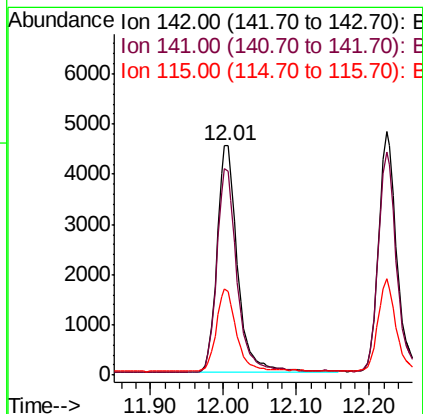
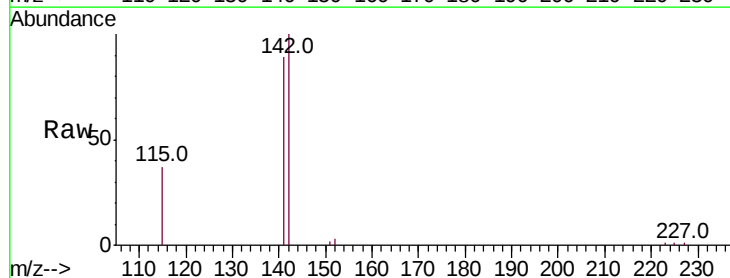
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

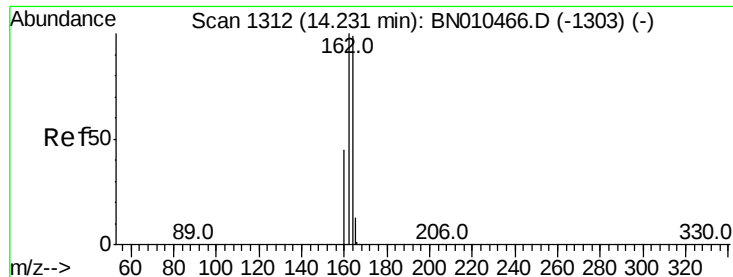
Tot Ion:152 Resp: 8196
Ion Ratio Lower Upper
152 100
151 19.6 15.3 22.9



#12
2-Methylnaphthalene
Concen: 0.404 ng
RT: 12.01 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BN010693.D
Acq: 12 May 2020 10:09

Tgt Ion:142 Resp: 8899
Ion Ratio Lower Upper
142 100
141 89.1 71.9 107.9
115 36.7 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: BN010693.D

Acq: 12 May 2020 10:09

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

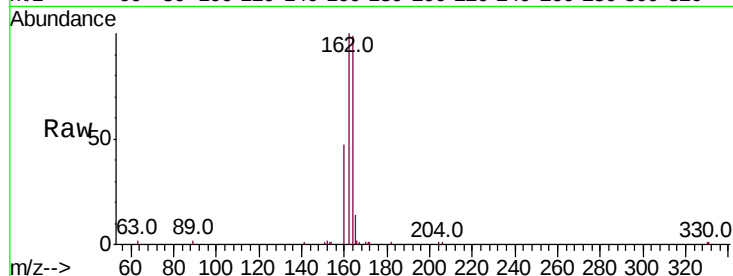
Tot Ion:164 Resp: 7978

Ion Ratio Lower Upper

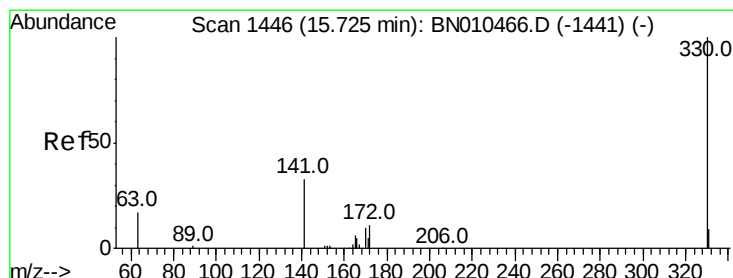
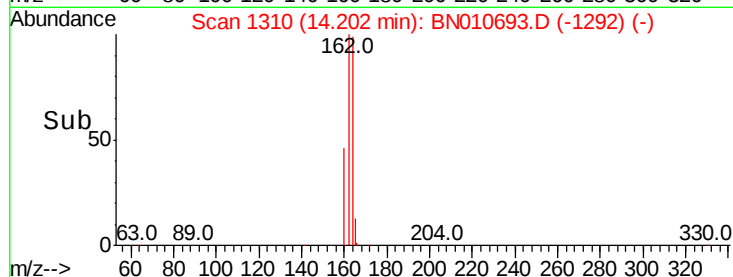
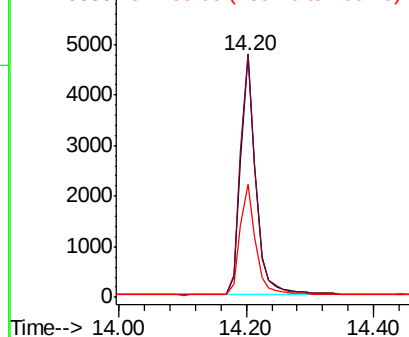
164 100

162 100.6 80.6 121.0

160 46.9 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: 0.271 ng

RT: 15.71 min Scan# 1445

Delta R.T. 0.00 min

Lab File: BN010693.D

Acq: 12 May 2020 10:09

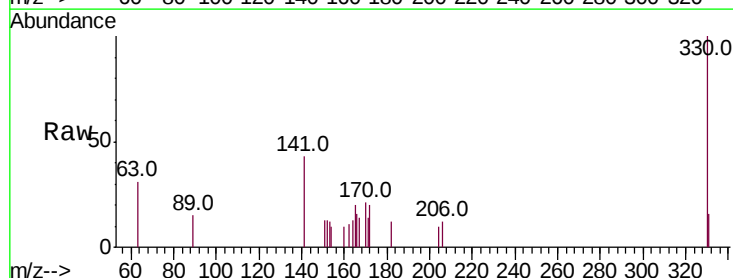
Tgt Ion:330 Resp: 1020

Ion Ratio Lower Upper

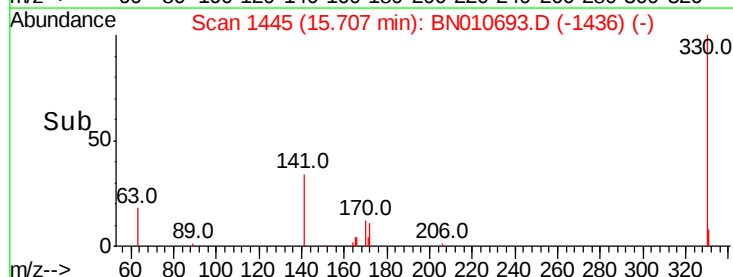
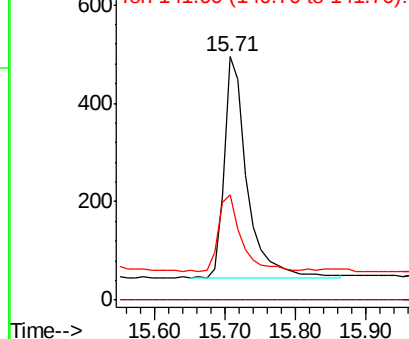
330 100

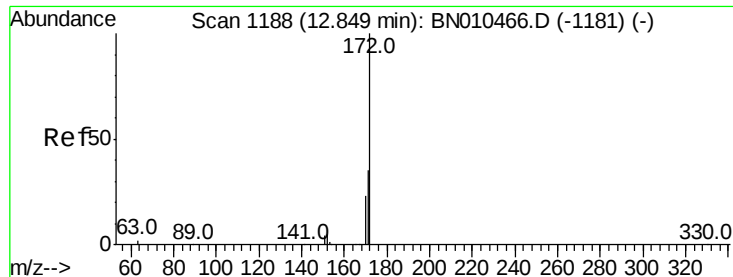
332 0.0 0.0 0.0

141 36.3 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

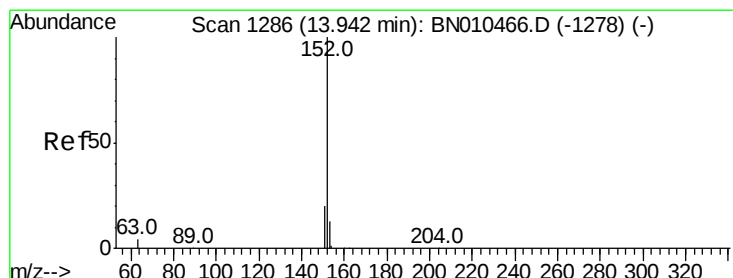
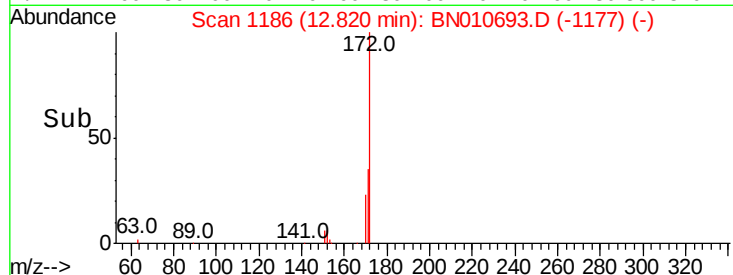
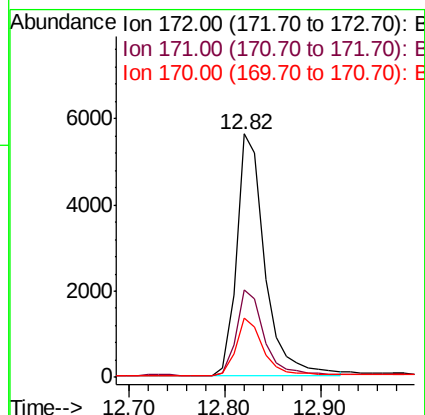
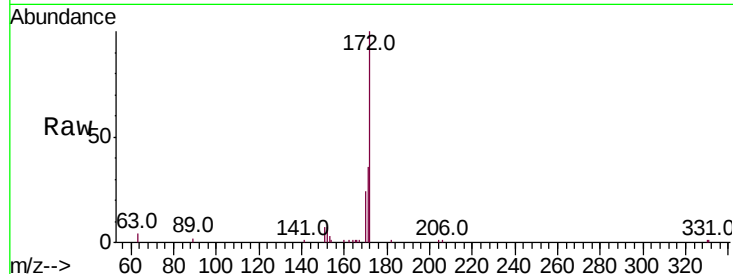




#15
2-Fluorobiphenyl
Concen: 0.396 ng
RT: 12.82 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BN010693.D
Acq: 12 May 2020 10:09

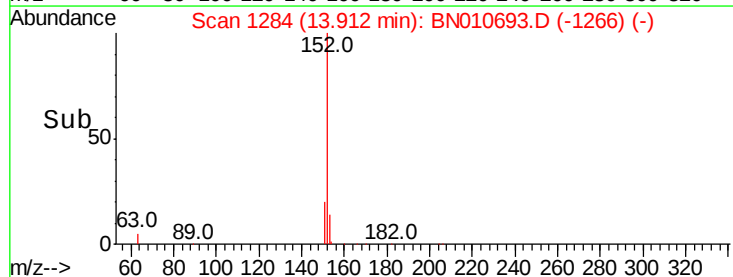
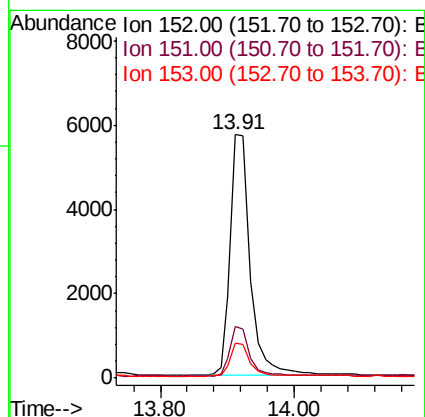
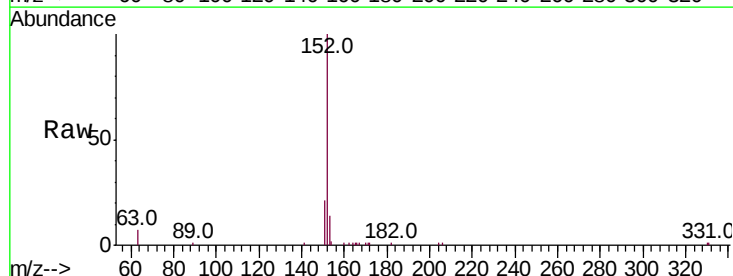
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

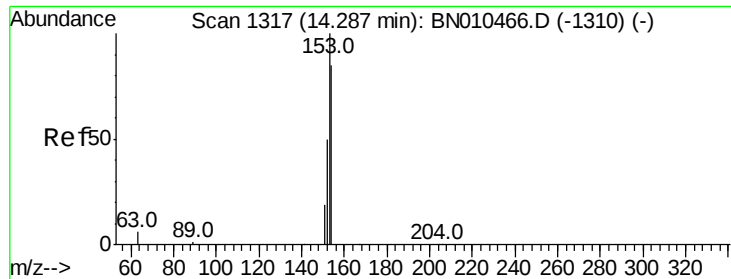
Tot Ion:172 Resp: 11483
Ion Ratio Lower Upper
172 100
171 35.7 28.2 42.2
170 24.1 18.4 27.6



#16
Acenaphthylene
Concen: 0.348 ng
RT: 13.91 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BN010693.D
Acq: 12 May 2020 10:09

Tgt Ion:152 Resp: 12007
Ion Ratio Lower Upper
152 100
151 19.6 15.7 23.5
153 13.5 10.6 15.8





#17

Acenaphthene

Concen: 0.383 ng

RT: 14.27 min Scan# 1316

Delta R.T. 0.00 min

Lab File: BN010693.D

Acq: 12 May 2020 10:09

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

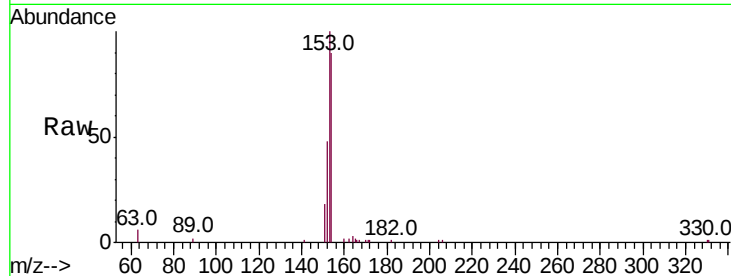
Tot Ion:154 Resp: 8479

Ion Ratio Lower Upper

154 100

153 115.2 91.0 136.4

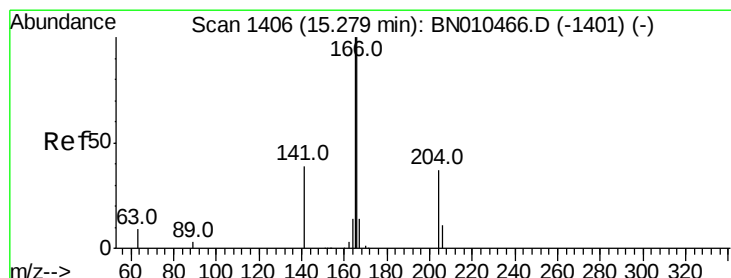
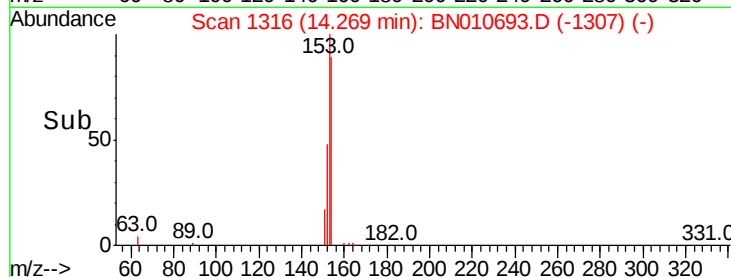
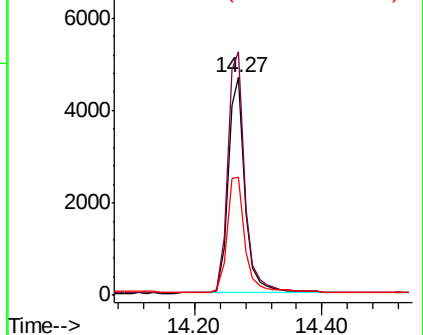
152 57.0 44.6 67.0



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: 0.383 ng

RT: 15.26 min Scan# 1405

Delta R.T. 0.00 min

Lab File: BN010693.D

Acq: 12 May 2020 10:09

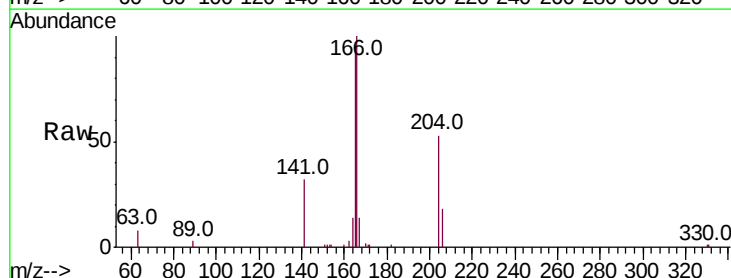
Tgt Ion:166 Resp: 11112

Ion Ratio Lower Upper

166 100

165 97.1 78.4 117.6

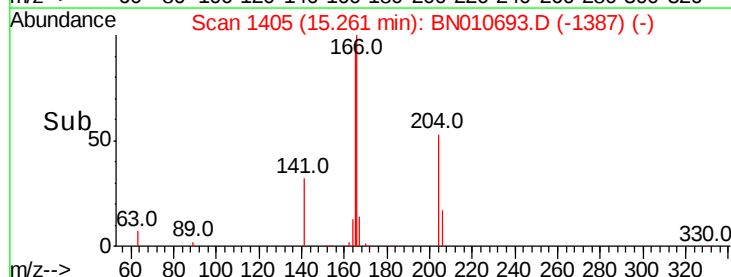
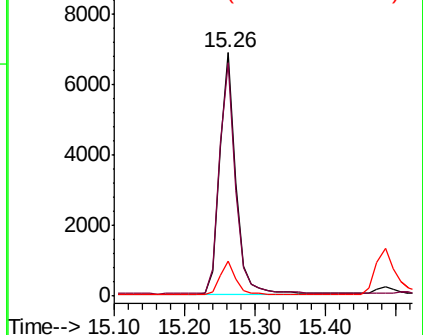
167 13.6 10.9 16.3

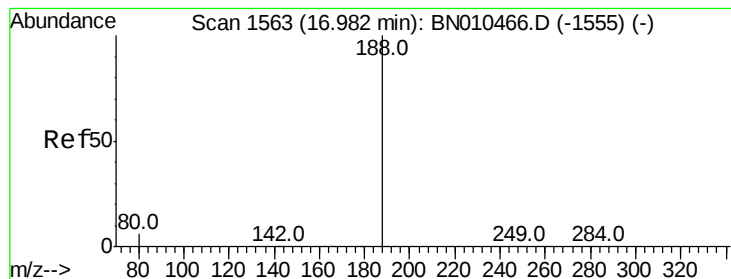


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN010693.D

Acq: 12 May 2020 10:09

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

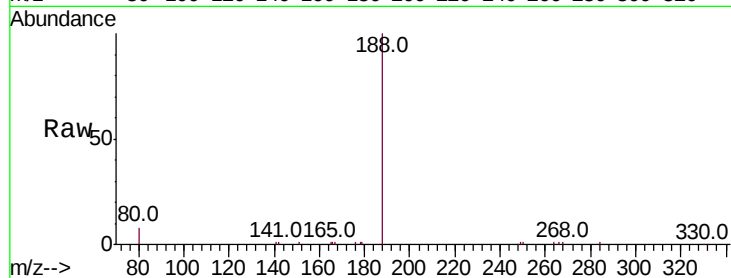
Tot Ion:188 Resp: 16975

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

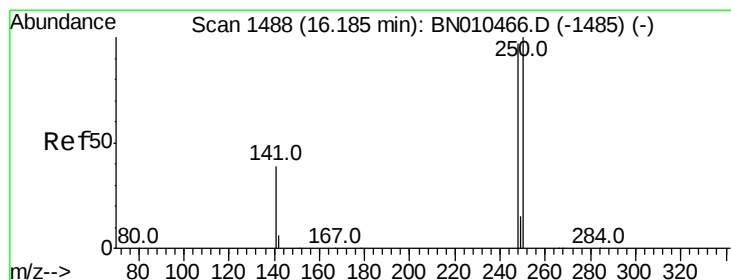
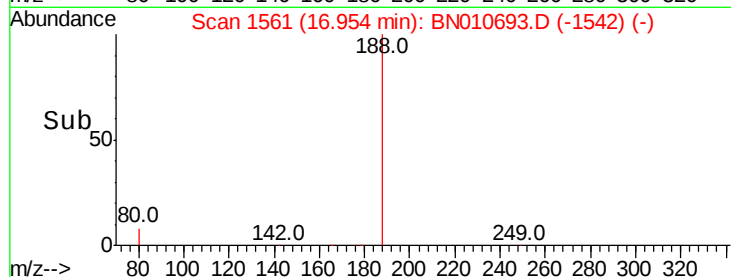
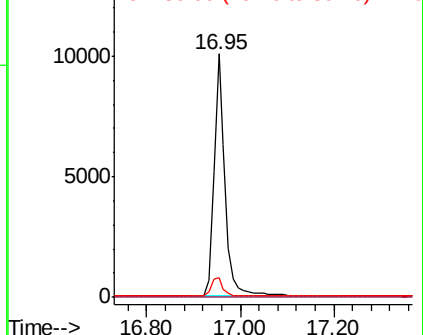
80 8.2 5.0 7.6#



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: 0.379 ng

RT: 16.16 min Scan# 1486

Delta R.T. 0.00 min

Lab File: BN010693.D

Acq: 12 May 2020 10:09

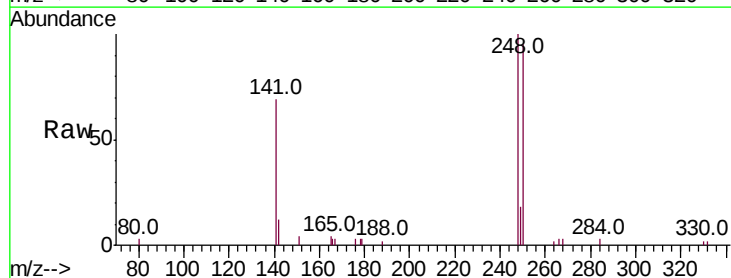
Tgt Ion:248 Resp: 3575

Ion Ratio Lower Upper

248 100

250 95.0 82.3 123.5

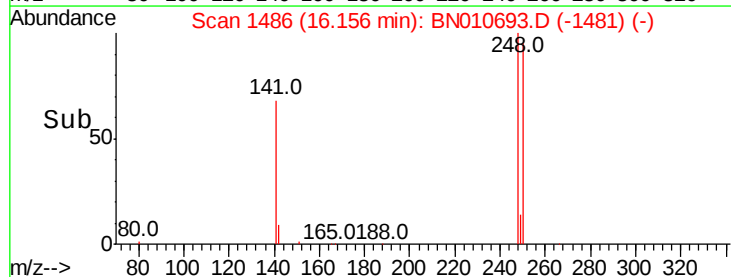
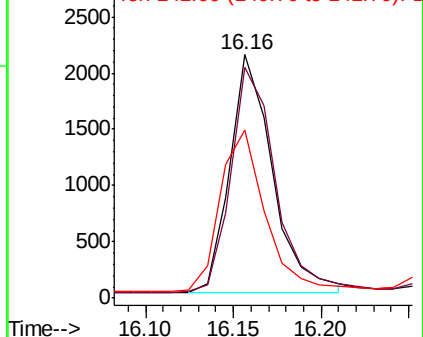
141 68.8 35.2 52.8#

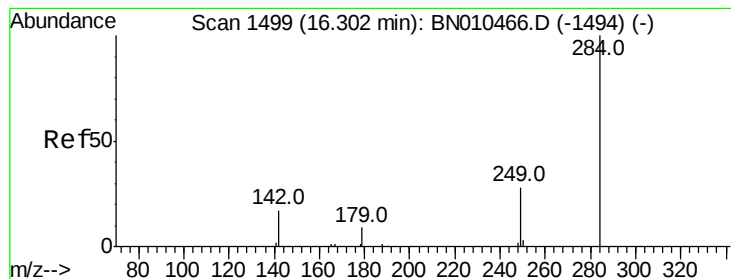


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.407 ng

RT: 16.27 min Scan# 1497

Delta R.T. 0.00 min

Lab File: BN010693.D

Acq: 12 May 2020 10:09

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

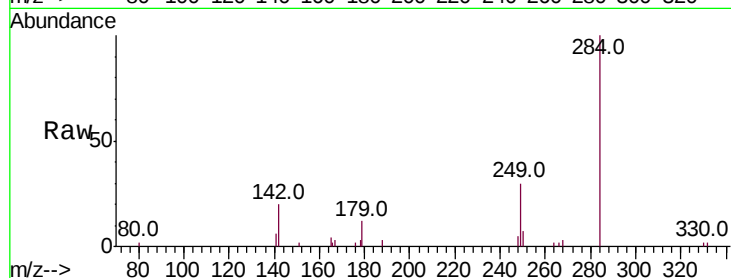
Tot Ion:284 Resp: 4385

Ion Ratio Lower Upper

284 100

142 34.8 25.5 38.3

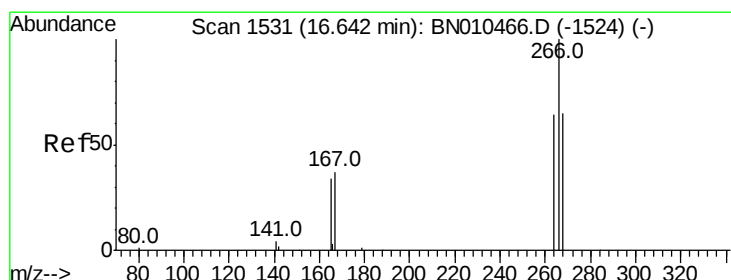
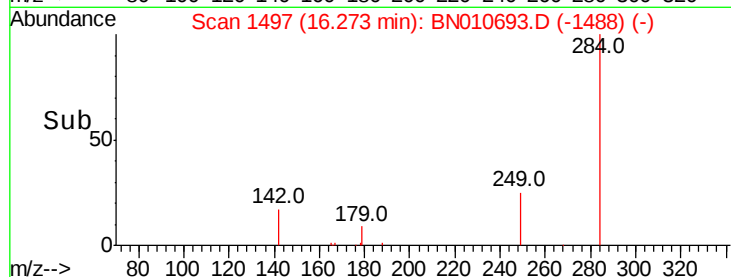
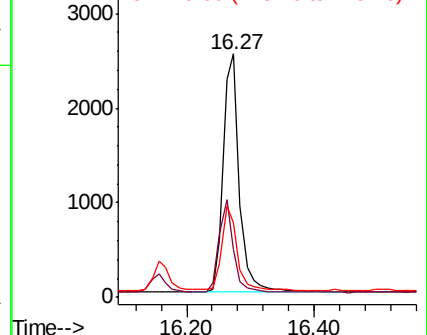
249 32.8 25.8 38.6



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: 0.354 ng

RT: 16.62 min Scan# 1530

Delta R.T. 0.00 min

Lab File: BN010693.D

Acq: 12 May 2020 10:09

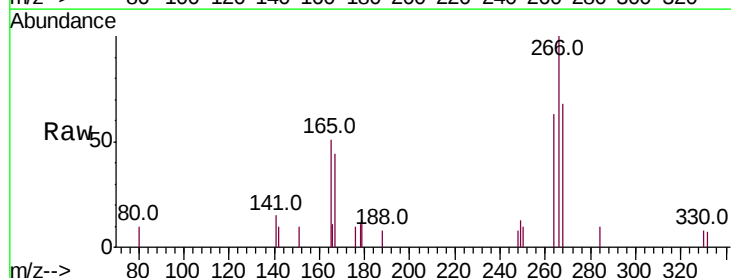
Tgt Ion:266 Resp: 1499

Ion Ratio Lower Upper

266 100

264 63.4 51.8 77.6

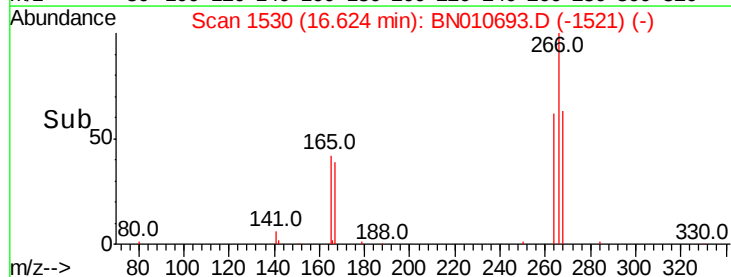
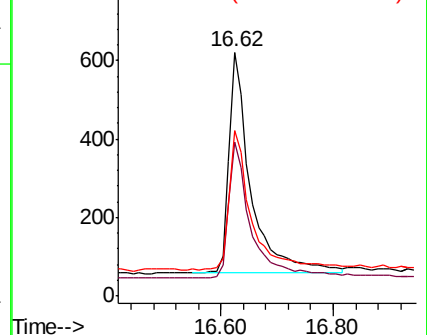
268 67.8 53.7 80.5

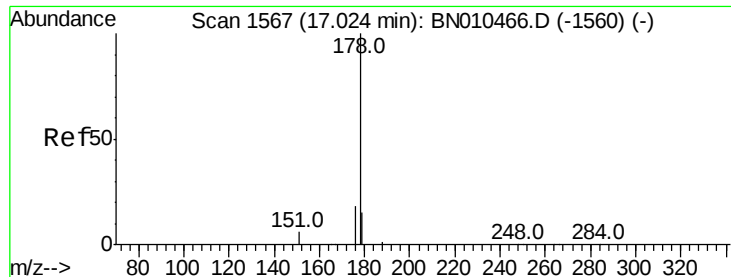


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.381 ng

RT: 17.00 min Scan# 1565

Delta R.T. 0.00 min

Lab File: BN010693.D

Acq: 12 May 2020 10:09

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

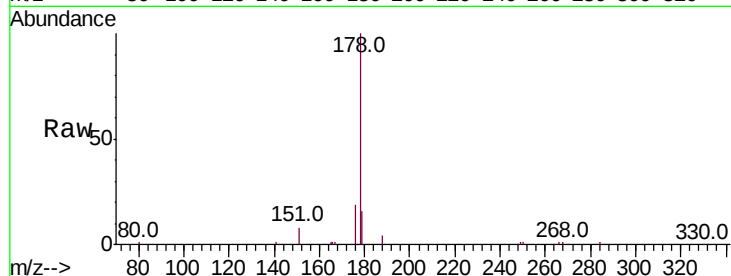
Tot Ion:178 Resp: 17474

Ion Ratio Lower Upper

178 100

176 19.2 15.0 22.4

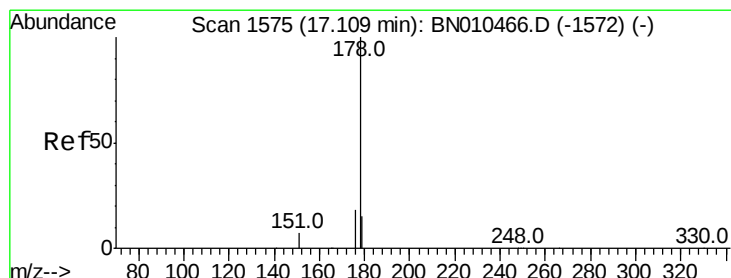
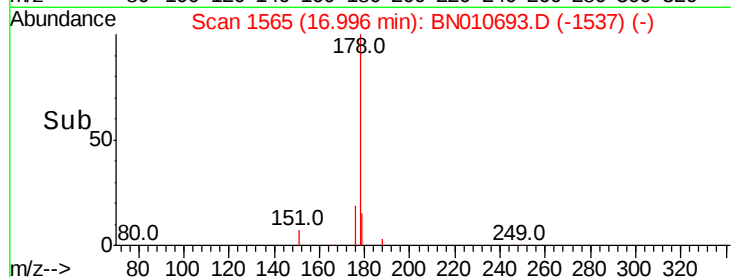
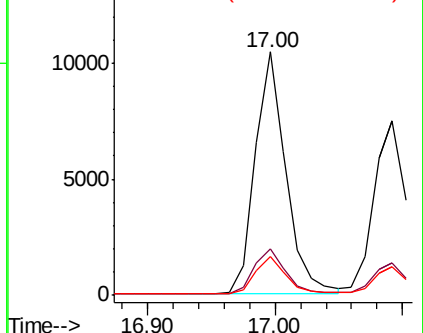
179 15.6 12.6 18.8



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: 0.338 ng

RT: 17.09 min Scan# 1574

Delta R.T. 0.00 min

Lab File: BN010693.D

Acq: 12 May 2020 10:09

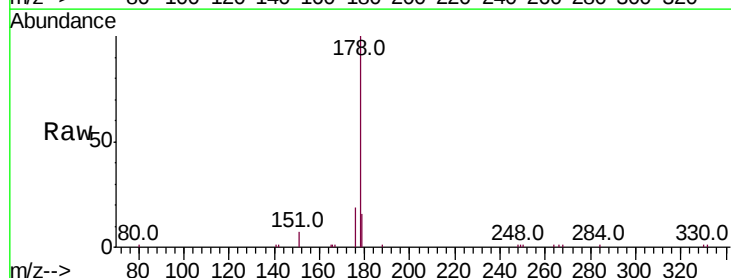
Tgt Ion:178 Resp: 14168

Ion Ratio Lower Upper

178 100

176 18.0 14.6 21.8

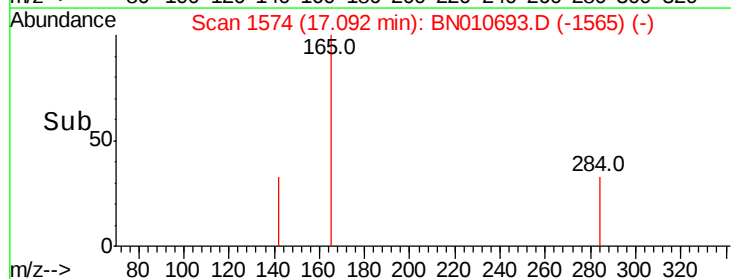
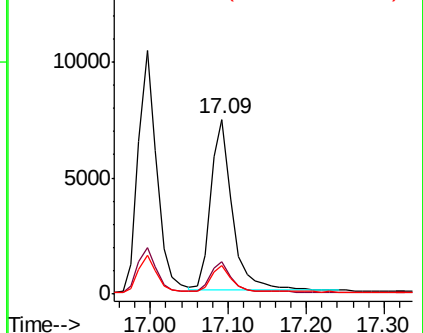
179 15.3 12.2 18.2

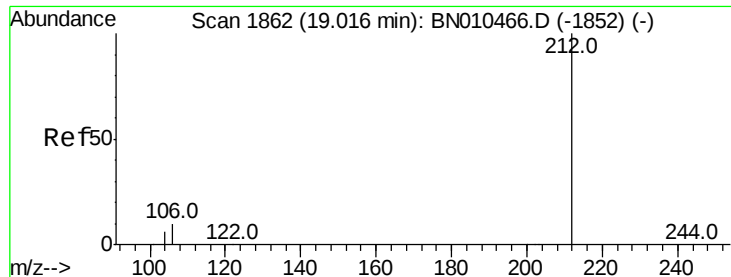


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.343 ng

RT: 18.99 min Scan# 1859

Delta R.T. 0.00 min

Lab File: BN010693.D

Acq: 12 May 2020 10:09

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

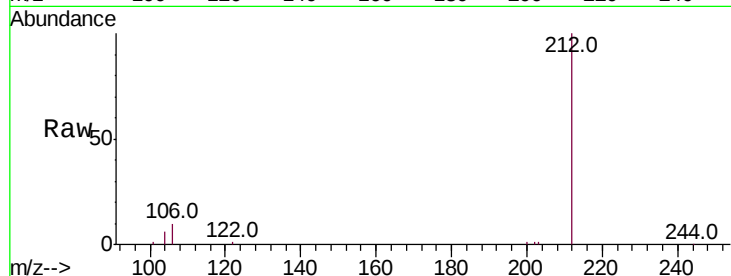
Tot Ion:212 Resp: 17647

Ion Ratio Lower Upper

212 100

106 9.8 7.8 11.6

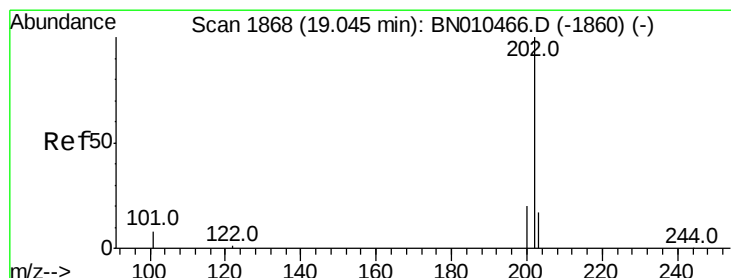
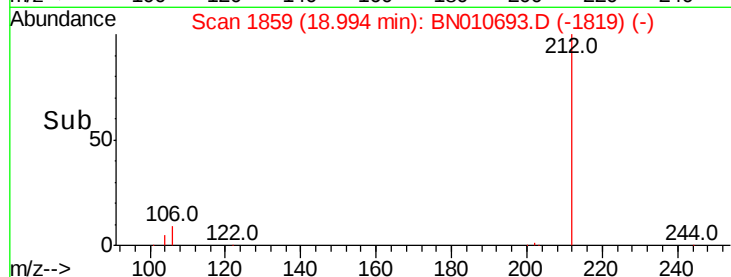
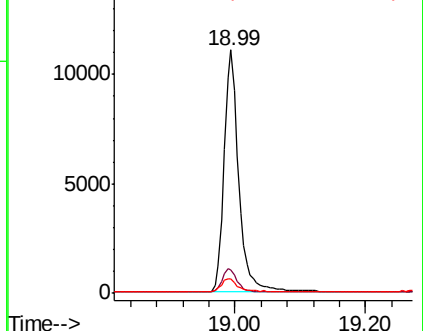
104 5.7 4.5 6.7



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: 0.345 ng

RT: 19.02 min Scan# 1865

Delta R.T. 0.00 min

Lab File: BN010693.D

Acq: 12 May 2020 10:09

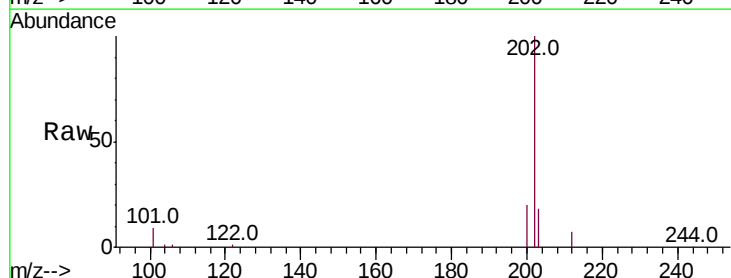
Tgt Ion:202 Resp: 19713

Ion Ratio Lower Upper

202 100

101 8.3 6.9 10.3

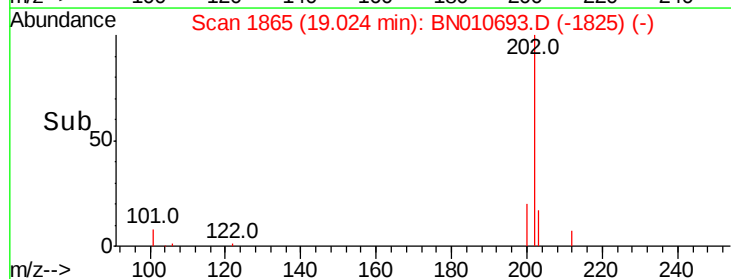
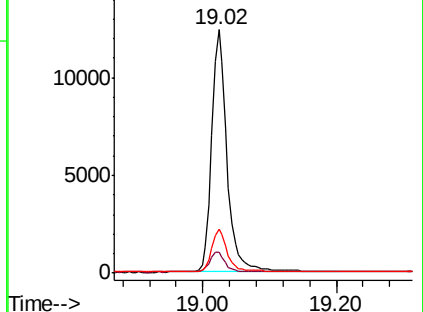
203 17.1 13.9 20.9

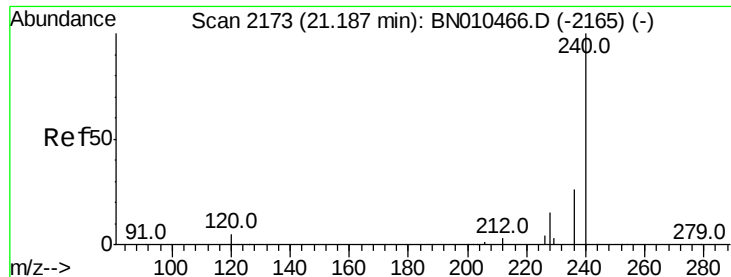


Abundance Ion 202.00 (201.70 to 202.70): E

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: BN010693.D

Acq: 12 May 2020 10:09

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

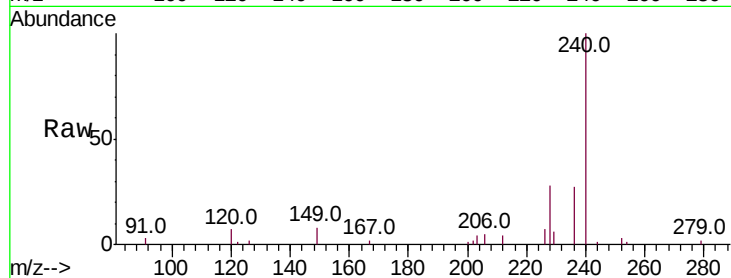
Tot Ion:240 Resp: 13016

Ion Ratio Lower Upper

240 100

120 7.3 4.8 7.2#

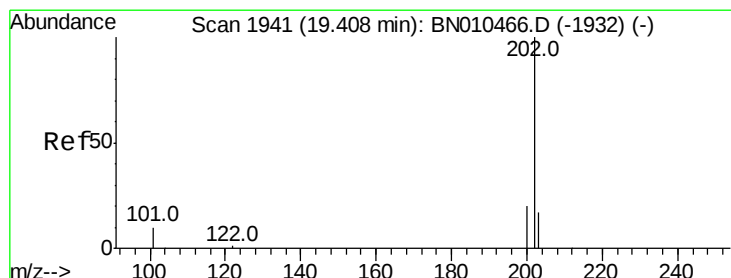
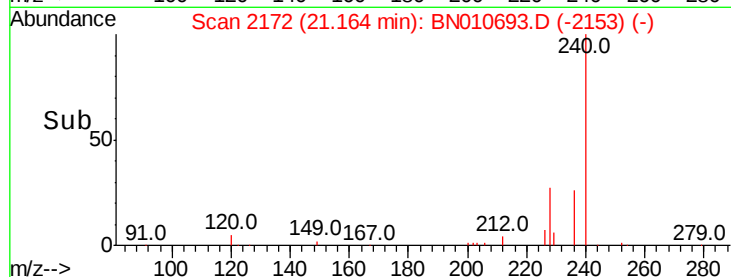
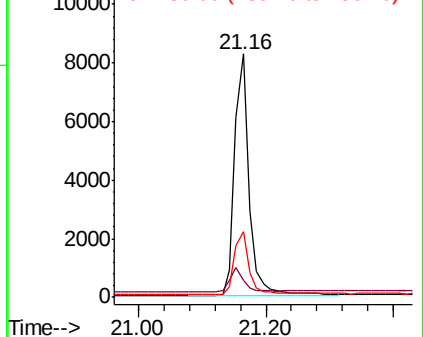
236 27.2 21.4 32.0



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: 0.450 ng

RT: 19.39 min Scan# 1938

Delta R.T. 0.00 min

Lab File: BN010693.D

Acq: 12 May 2020 10:09

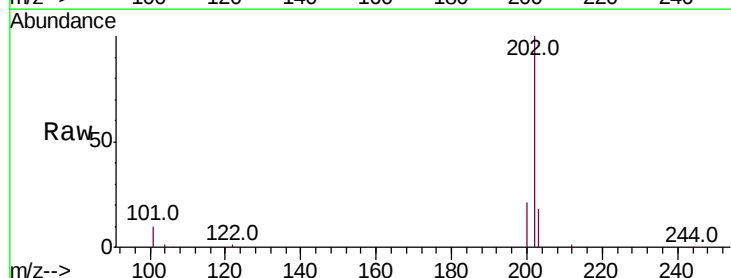
Tgt Ion:202 Resp: 19737

Ion Ratio Lower Upper

202 100

200 20.2 16.3 24.5

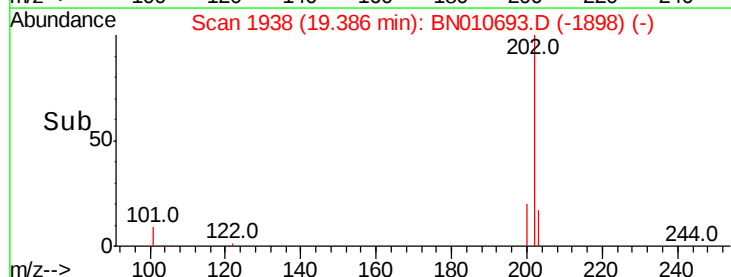
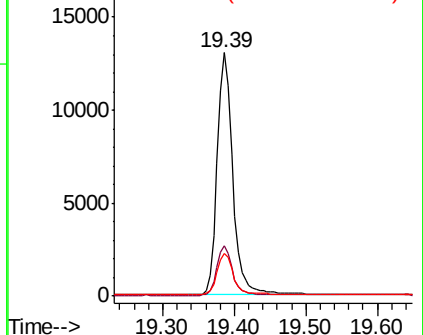
203 17.6 14.0 21.0

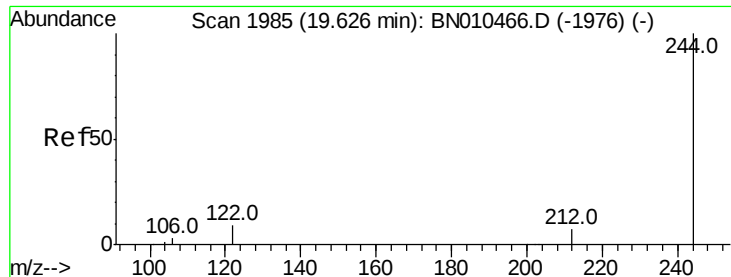


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.425 ng

RT: 19.60 min Scan# 1982

Delta R.T. 0.00 min

Lab File: BN010693.D

Acq: 12 May 2020 10:09

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

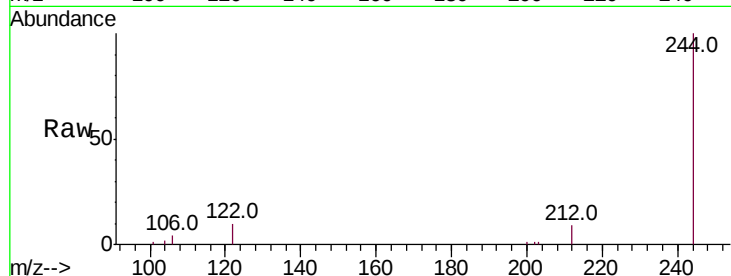
Tot Ion:244 Resp: 12657

Ion Ratio Lower Upper

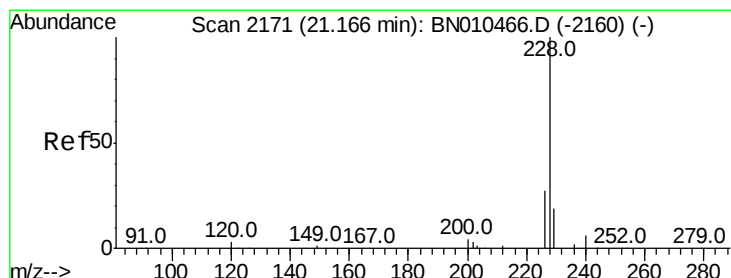
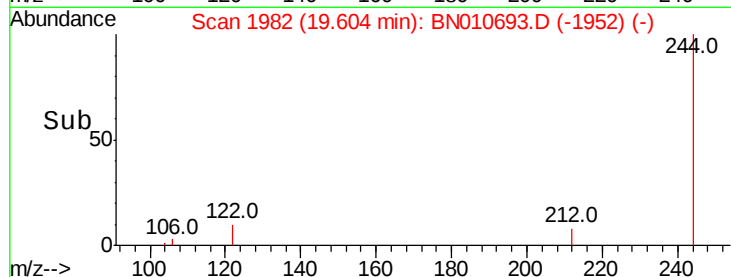
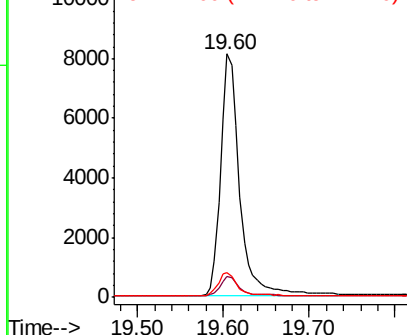
244 100

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: 0.339 ng

RT: 21.14 min Scan# 2170

Delta R.T. 0.00 min

Lab File: BN010693.D

Acq: 12 May 2020 10:09

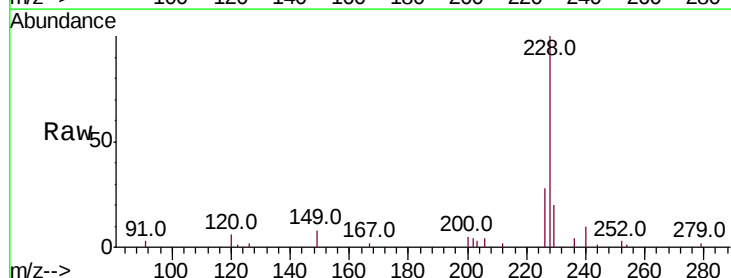
Tgt Ion:228 Resp: 14391

Ion Ratio Lower Upper

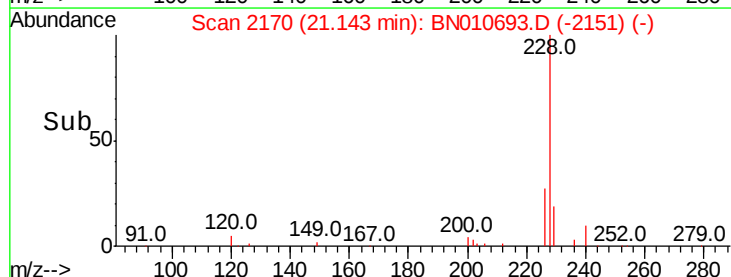
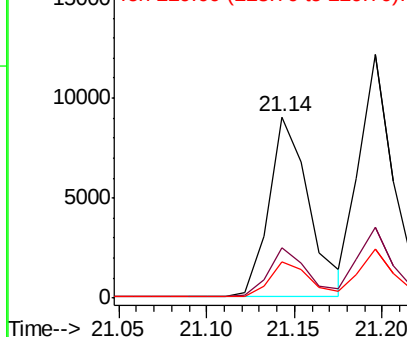
228 100

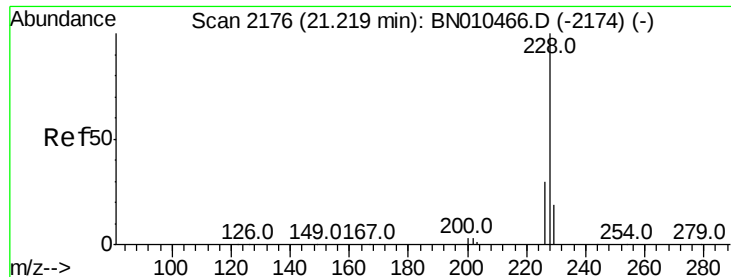
226 27.8 21.7 32.5

229 20.0 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: 0.394 ng

RT: 21.20 min Scan# 2175

Delta R.T. 0.00 min

Lab File: BN010693.D

Acq: 12 May 2020 10:09

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

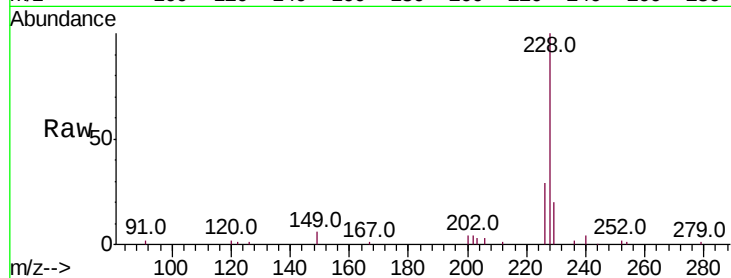
Tot Ion:228 Resp: 16664

Ion Ratio Lower Upper

228 100

226 29.1 24.0 36.0

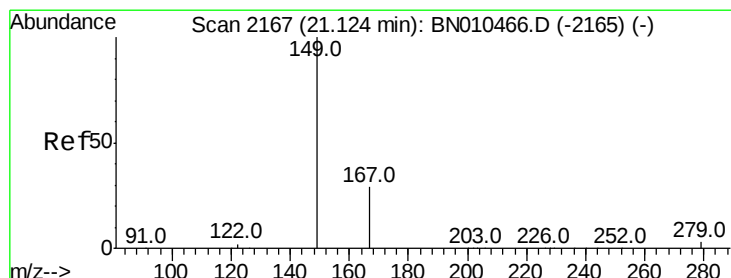
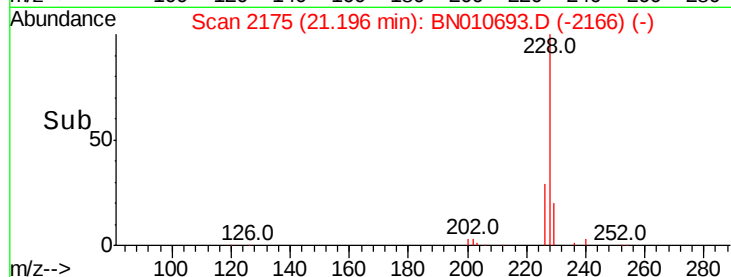
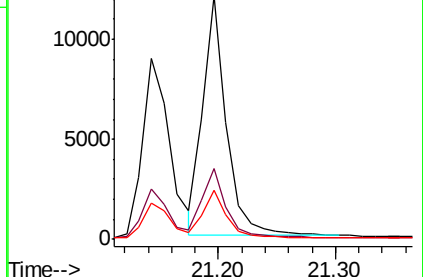
229 20.2 15.8 23.6



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: 0.305 ng

RT: 21.10 min Scan# 2166

Delta R.T. 0.00 min

Lab File: BN010693.D

Acq: 12 May 2020 10:09

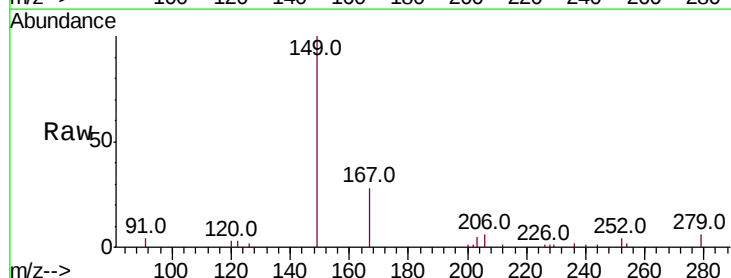
Tgt Ion:149 Resp: 6638

Ion Ratio Lower Upper

149 100

167 27.4 23.4 35.0

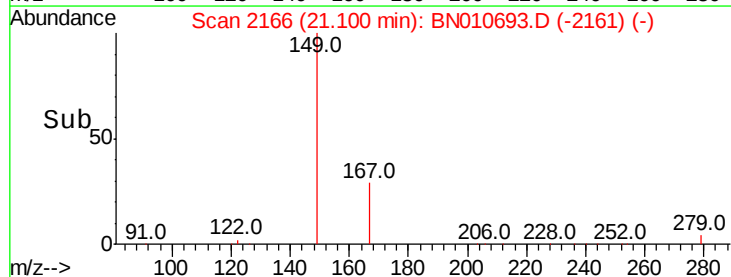
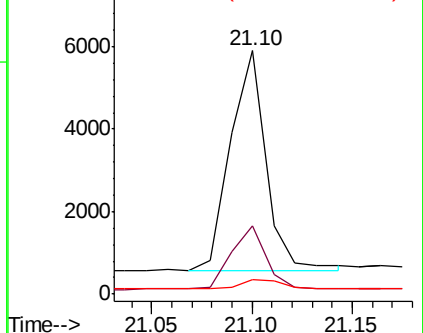
279 5.2 4.0 6.0

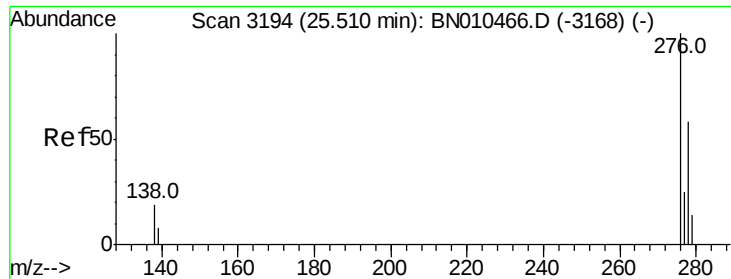


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.338 ng

RT: 25.47 min Scan# 3183

Delta R.T. 0.00 min

Lab File: BN010693.D

Acq: 12 May 2020 10:09

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

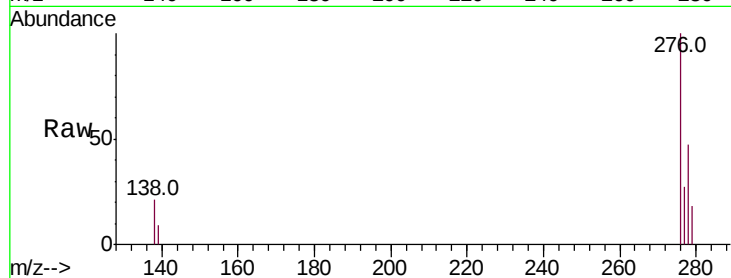
Tot Ion:276 Resp: 12658

Ion Ratio Lower Upper

276 100

138 18.1 16.4 24.6

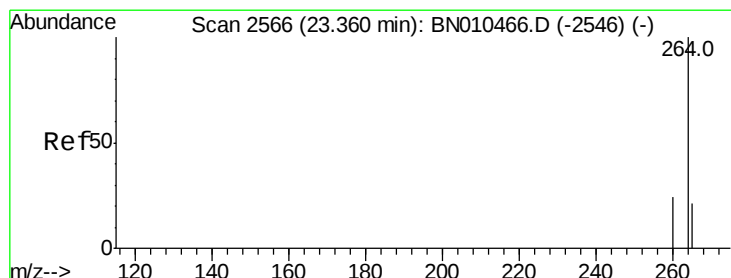
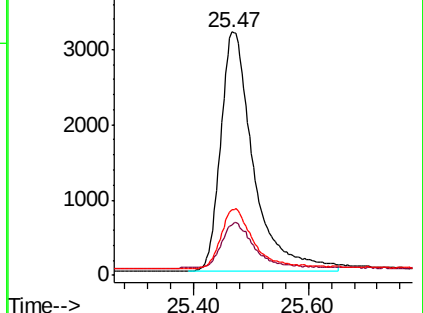
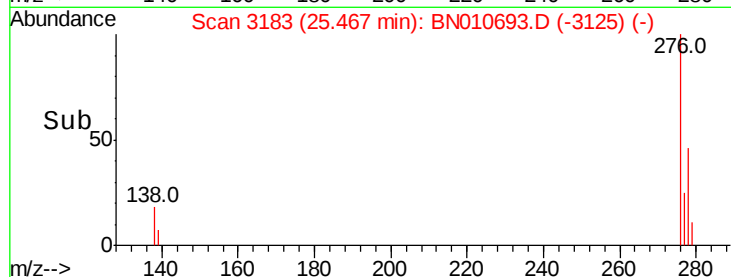
277 24.0 19.8 29.6



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# 2558

Delta R.T. 0.00 min

Lab File: BN010693.D

Acq: 12 May 2020 10:09

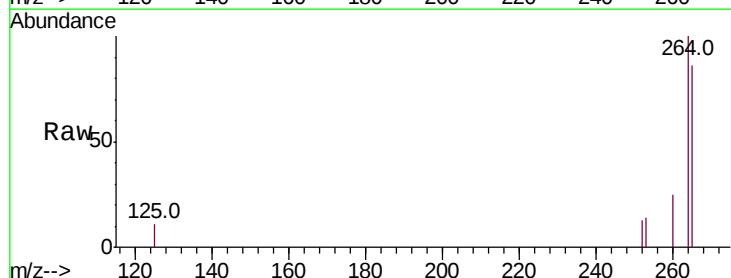
Tgt Ion:264 Resp: 11874

Ion Ratio Lower Upper

264 100

260 24.6 19.8 29.8

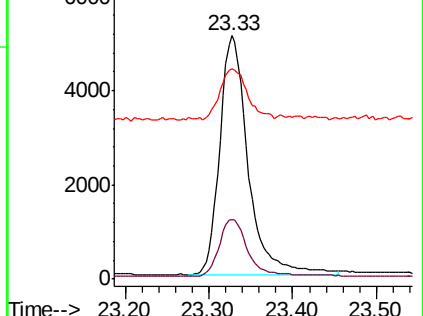
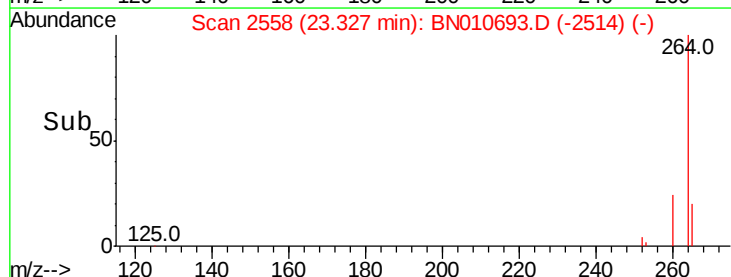
265 86.5 42.3 63.5#

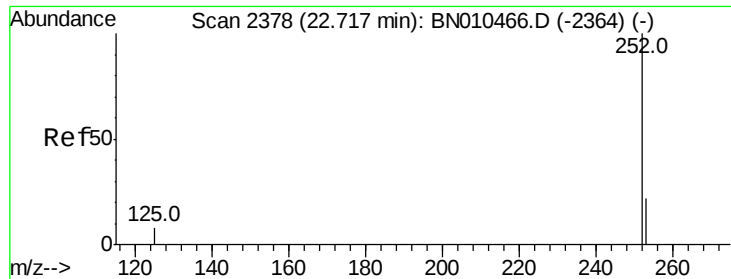


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

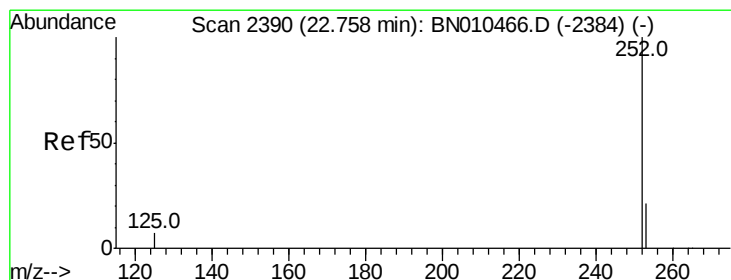
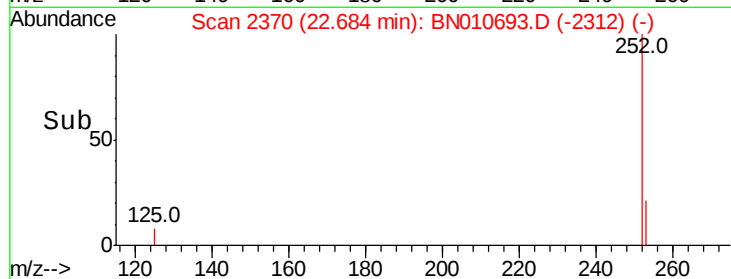
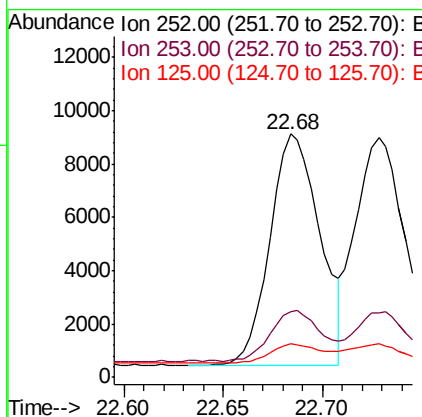
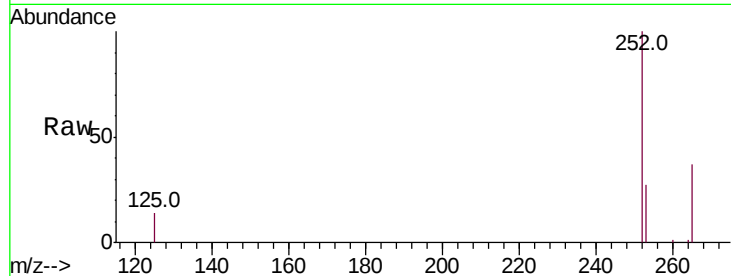




#35
Benzo(b)fluoranthene
Concen: 0.390 ng
RT: 22.68 min Scan# 2370
Delta R.T. 0.00 min
Lab File: BN010693.D
Acq: 12 May 2020 10:09

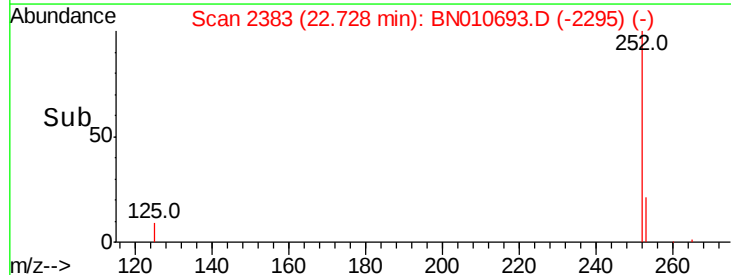
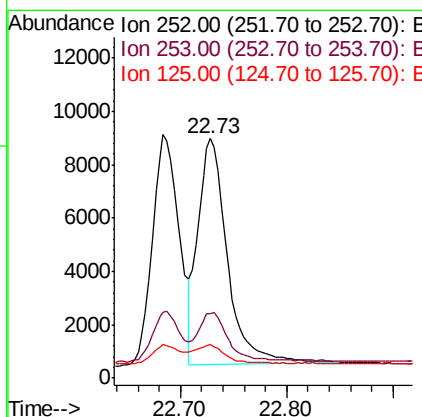
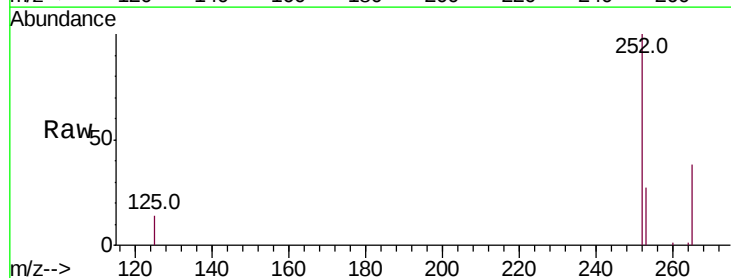
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

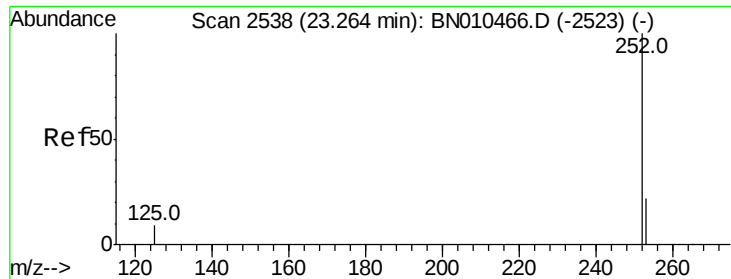
Tot Ion:252 Resp: 15228
Ion Ratio Lower Upper
252 100
253 27.0 20.2 30.4
125 13.6 9.2 13.8



#36
Benzo(k)fluoranthene
Concen: 0.414 ng
RT: 22.73 min Scan# 2383
Delta R.T. 0.00 min
Lab File: BN010693.D
Acq: 12 May 2020 10:09

Tgt Ion:252 Resp: 16217
Ion Ratio Lower Upper
252 100
253 27.0 20.1 30.1
125 13.9 9.6 14.4





#37

Benzo(a)pyrene

Concen: 0.369 ng

RT: 23.23 min Scan# 2531

Delta R.T. 0.00 min

Lab File: BN010693.D

Acq: 12 May 2020 10:09

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

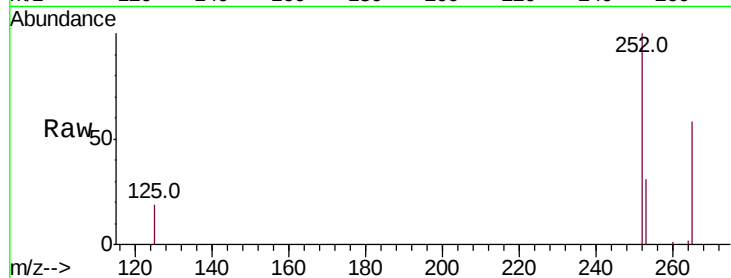
Tot Ion:252 Resp: 12784

Ion Ratio Lower Upper

252 100

253 30.9 21.8 32.8

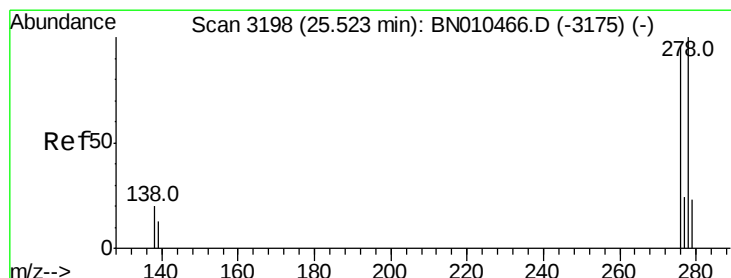
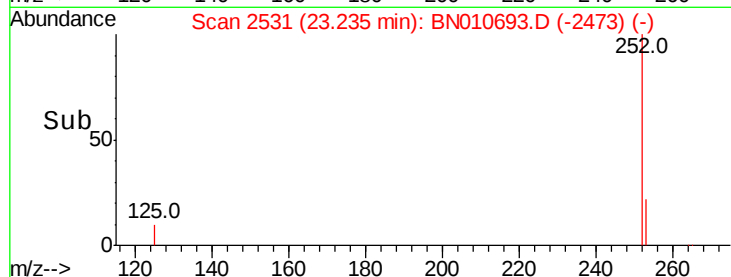
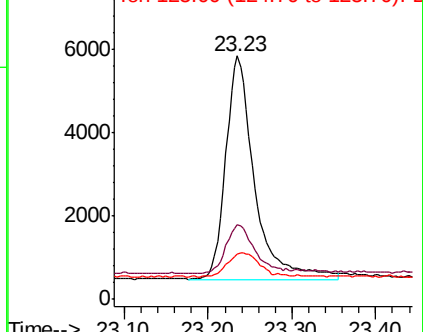
125 18.8 11.0 16.6#



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: 0.284 ng

RT: 25.49 min Scan# 3189

Delta R.T. 0.00 min

Lab File: BN010693.D

Acq: 12 May 2020 10:09

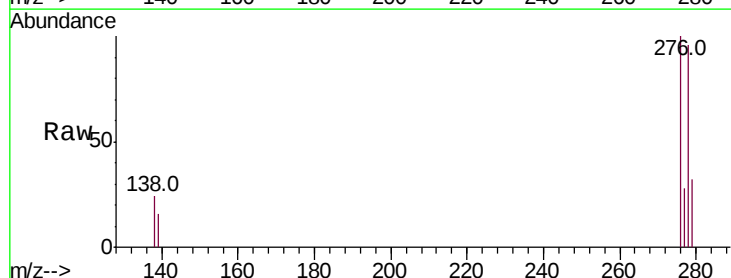
Tgt Ion:278 Resp: 8980

Ion Ratio Lower Upper

278 100

139 16.9 12.3 18.5

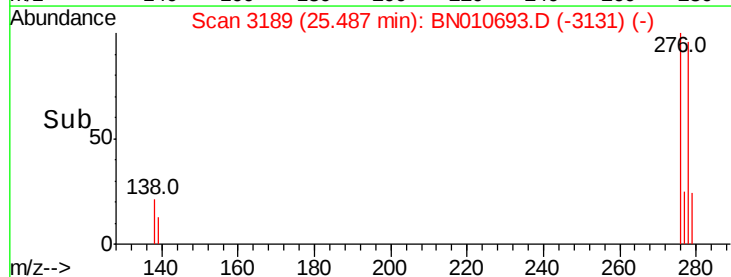
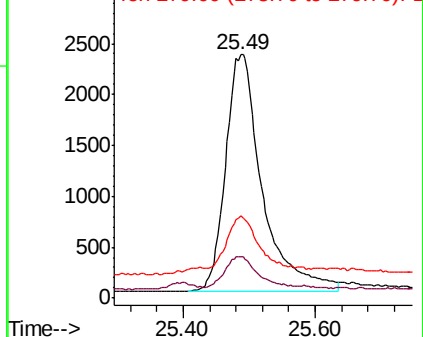
279 33.7 21.9 32.9#

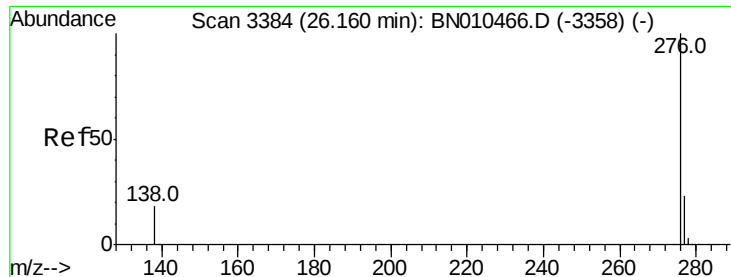


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.390 ng

RT: 26.11 min Scan# 3371

Delta R.T. 0.00 min

Lab File: BN010693.D

Acq: 12 May 2020 10:09

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

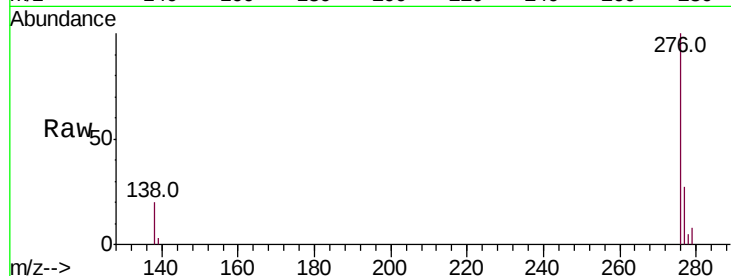
Tot Ion:276 Resp: 12407

Ion Ratio Lower Upper

276 100

277 26.6 20.2 30.2

138 20.5 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

