

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060620\
 Data File : BN010793.D
 Acq On : 05 Jun 2020 22:55
 Operator : CG/JU
 Sample : PB129300BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB129300BS

Quant Time: Jun 06 01:26:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN060620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 05 22:48:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	2386	0.40	ng	0.00
7) Naphthalene-d8	10.32	136	8079	0.40	ng	0.00
13) Acenaphthene-d10	14.18	164	4188	0.40	ng	0.00
19) Phenanthrene-d10	16.93	188	8342	0.40	ng	0.00
27) Chrysene-d12	21.14	240	6984	0.40	ng	0.00
34) Perylene-d12	23.29	264	6831	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	1773	0.37	ng	0.00
5) Phenol-d6	6.75	99	2044	0.36	ng	0.00
8) Nitrobenzene-d5	8.69	82	2229	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	11.91	152	6241	0.51	ng	0.00
14) 2,4,6-Tribromophenol	15.68	330	475	0.32	ng	0.00
15) 2-Fluorobiphenyl	12.80	172	6488	0.40	ng	-0.01
25) Fluoranthene-d10	18.97	212	7883	0.34	ng	0.00
29) Terphenyl-d14	19.58	244	6140	0.39	ng	0.00

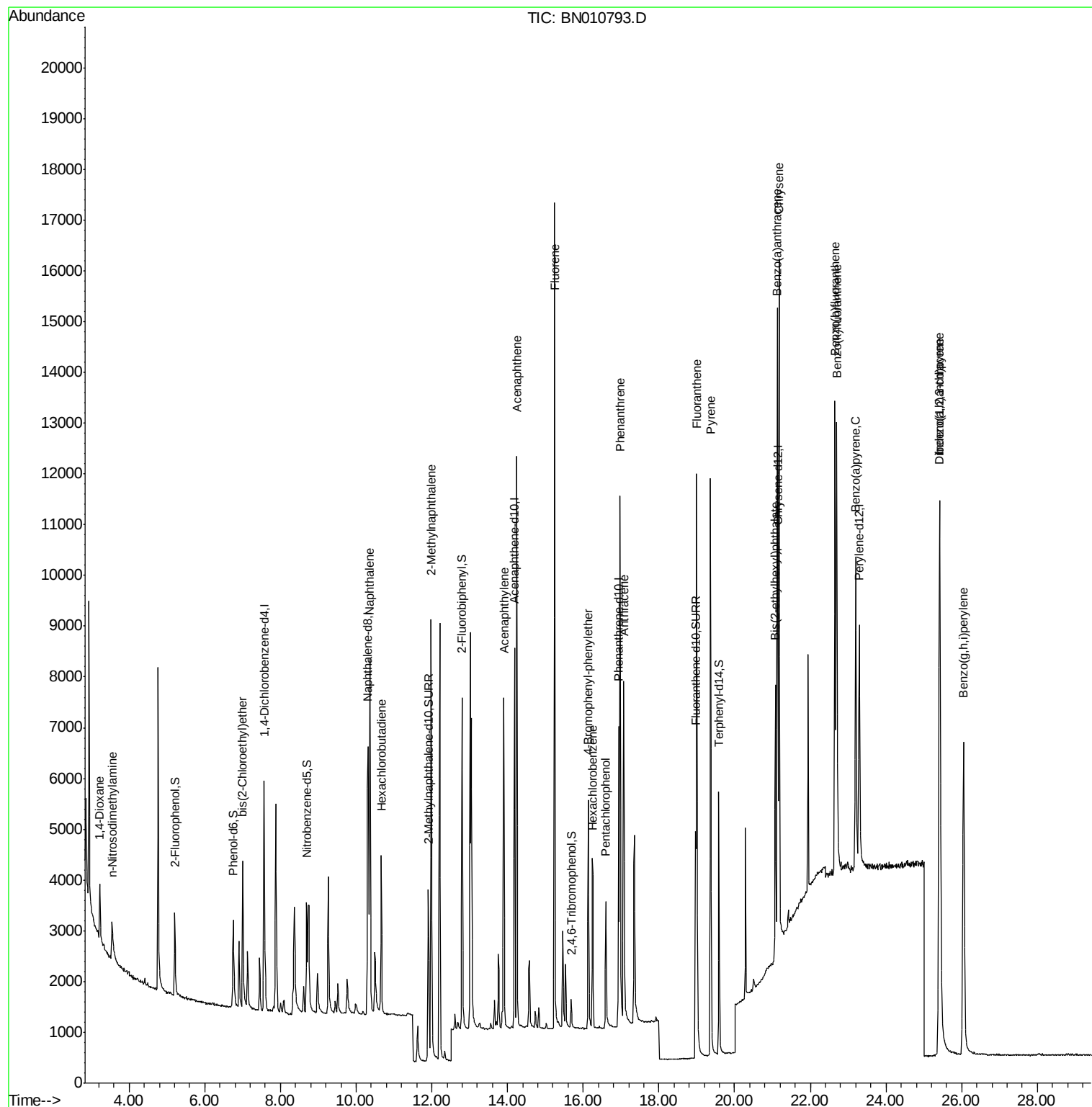
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.23	88	926	0.392	ng	# 76
3) n-Nitrosodimethylamine	3.55	42	734	0.534	ng	# 44
6) bis(2-Chloroethyl)ether	7.00	93	2948	0.550	ng	98
9) Naphthalene	10.35	128	10391	0.516	ng	100
10) Hexachlorobutadiene	10.66	225	2403	0.489	ng	# 100
12) 2-Methylnaphthalene	11.98	142	6908	0.518	ng	98
16) Acenaphthylene	13.90	152	8611	0.507	ng	99
17) Acenaphthene	14.25	154	5874	0.511	ng	100
18) Fluorene	15.24	166	7434	0.498	ng	99
20) 4-Bromophenyl-phenylether	16.14	248	2319	0.477	ng	98
21) Hexachlorobenzene	16.25	284	2633	0.513	ng	99
22) Pentachlorophenol	16.59	266	1548	0.885	ng	96
23) Phenanthrene	16.98	178	11220	0.498	ng	100
24) Anthracene	17.07	178	9264	0.485	ng	99
26) Fluoranthene	19.00	202	12082	0.463	ng	100
28) Pyrene	19.37	202	12041	0.544	ng	100
30) Benzo(a)anthracene	21.12	228	10471	0.511	ng	100
31) Chrysene	21.17	228	11642	0.500	ng	99
32) Bis(2-ethylhexyl)phthalate	21.08	149	3323	0.491	ng	99
33) Indeno(1,2,3-cd)pyrene	25.41	276	14954	0.534	ng	99
35) Benzo(b)fluoranthene	22.65	252	11854	0.533	ng	99
36) Benzo(k)fluoranthene	22.70	252	11931	0.487	ng	99
37) Benzo(a)pyrene	23.20	252	10330	0.520	ng	# 86
38) Dibenzo(a,h)anthracene	25.43	278	12640	0.565	ng	100
39) Benzo(g,h,i)perylene	26.05	276	13731	0.594	ng	99

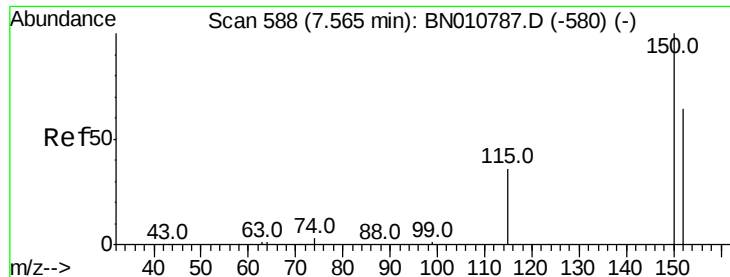
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.57 min Scan# 588

Delta R.T. 0.00 min

Lab File: BN010793.D

Acq: 05 Jun 2020 22:55

Instrument :

BNA_N

ClientSampleId :

PB129300BS

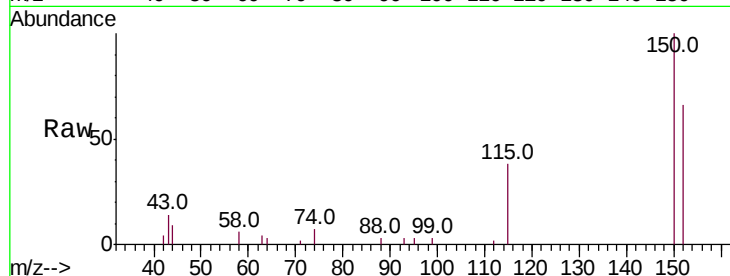
Tot Ion:152 Resp: 2386

Ion Ratio Lower Upper

152 100

150 152.4 123.6 185.4

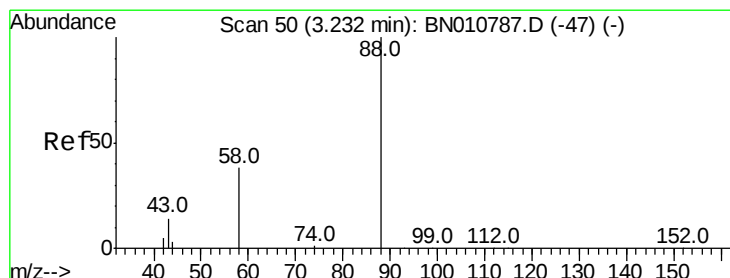
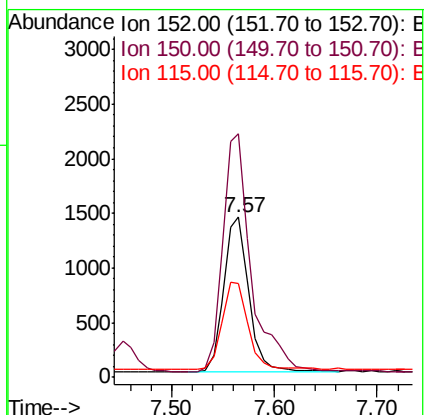
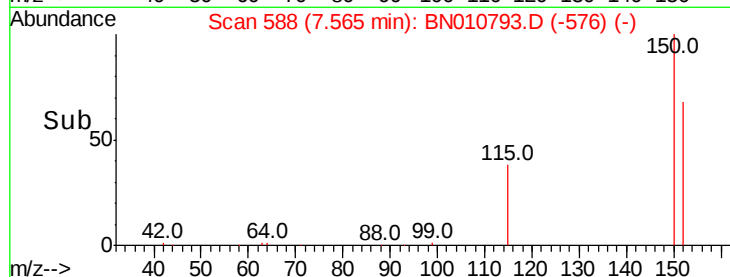
115 58.4 47.6 71.4



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: 0.392 ng

RT: 3.23 min Scan# 50

Delta R.T. 0.00 min

Lab File: BN010793.D

Acq: 05 Jun 2020 22:55

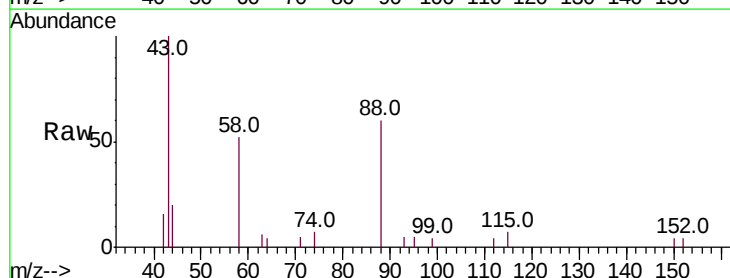
Tgt Ion: 88 Resp: 926

Ion Ratio Lower Upper

88 100

58 52.9 38.8 58.2

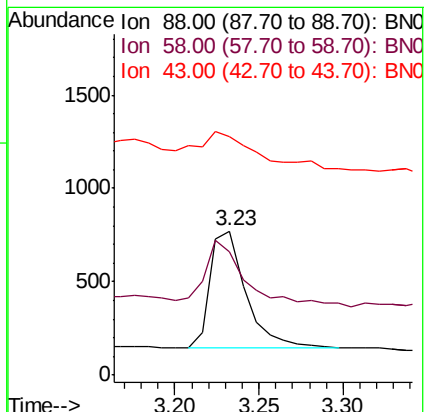
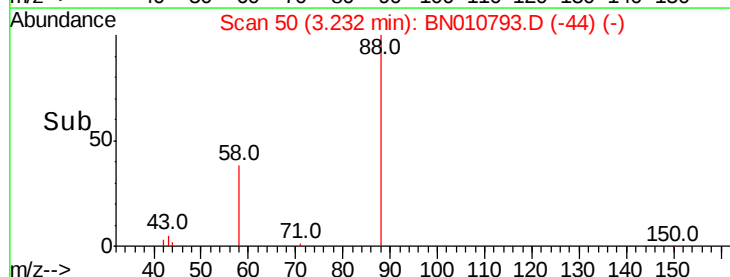
43 51.1 15.9 23.9#

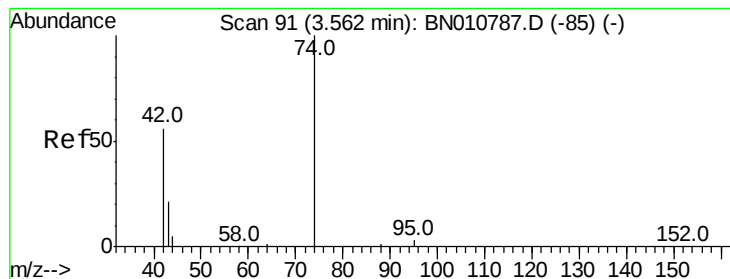


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.534 ng

RT: 3.55 min Scan# 89

Delta R.T. -0.02 min

Lab File: BN010793.D

Acq: 05 Jun 2020 22:55

Instrument :

BNA_N

ClientSampleId :

PB129300BS

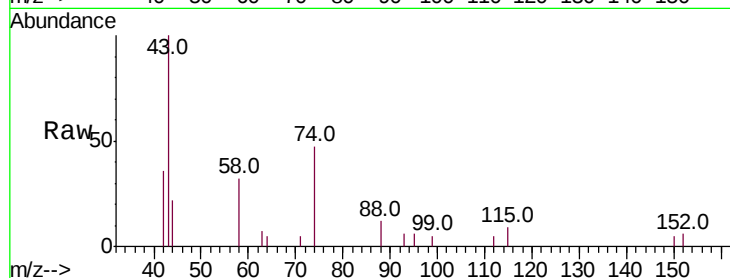
Tot Ion: 42 Resp: 734

Ion Ratio Lower Upper

42 100

74 188.4 0.8 1.2#

44 3.0 7.8 11.6#

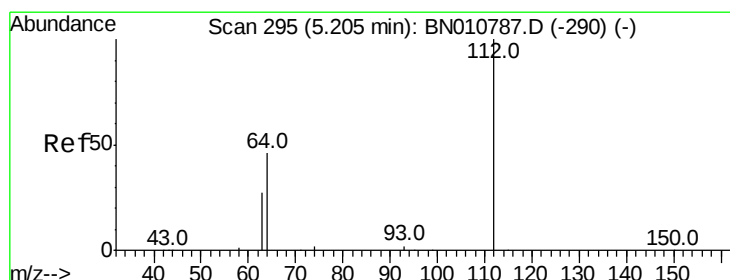
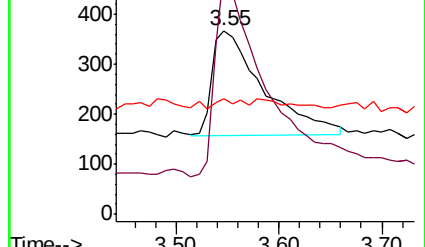
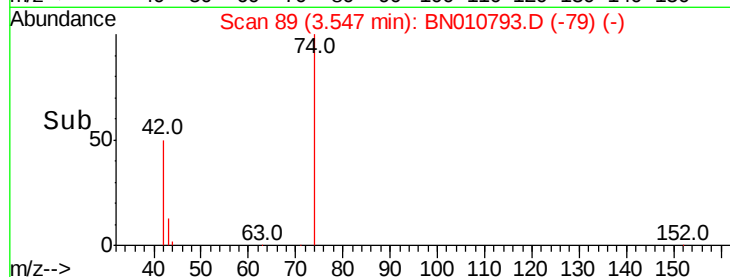


Abundance Ion 42.00 (41.70 to 42.70): BN010787.D (-85) (-)

Ion 74.00 (73.70 to 74.70): BN010787.D (-85) (-)

Ion 44.00 (43.70 to 44.70): BN010787.D (-85) (-)

Time-->



#4

2-Fluorophenol

Concen: 0.373 ng

RT: 5.21 min Scan# 296

Delta R.T. 0.01 min

Lab File: BN010793.D

Acq: 05 Jun 2020 22:55

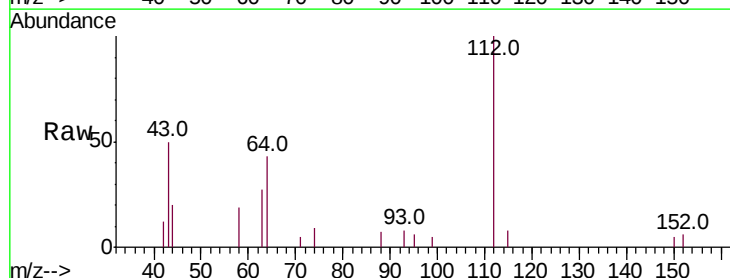
Tgt Ion: 112 Resp: 1773

Ion Ratio Lower Upper

112 100

64 46.9 35.8 53.8

63 27.2 20.9 31.3

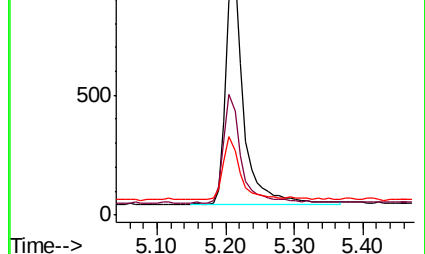
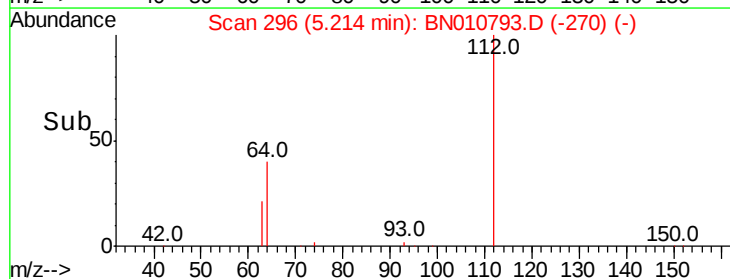


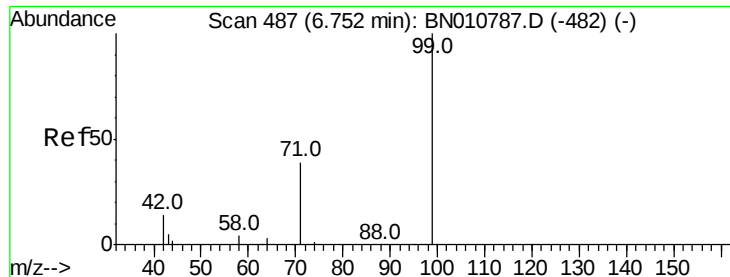
Abundance Ion 112.00 (111.70 to 112.70): BN010787.D (-290) (-)

Ion 64.00 (63.70 to 64.70): BN010787.D (-290) (-)

Ion 63.00 (62.70 to 63.70): BN010787.D (-290) (-)

Time-->





#5

Phenol-d6

Concen: 0.363 ng

RT: 6.75 min Scan# 487

Delta R.T. 0.00 min

Lab File: BN010793.D

Acq: 05 Jun 2020 22:55

Instrument :

BNA_N

ClientSampleId :

PB129300BS

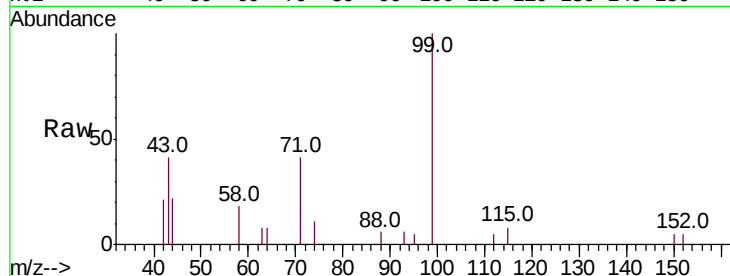
Tot Ion: 99 Resp: 2044

Ion Ratio Lower Upper

99 100

42 14.0 11.1 16.7

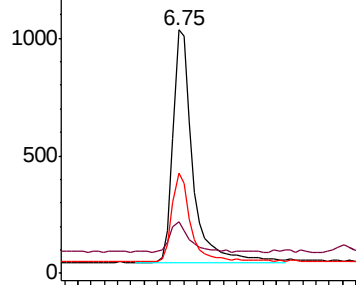
71 36.4 30.6 46.0



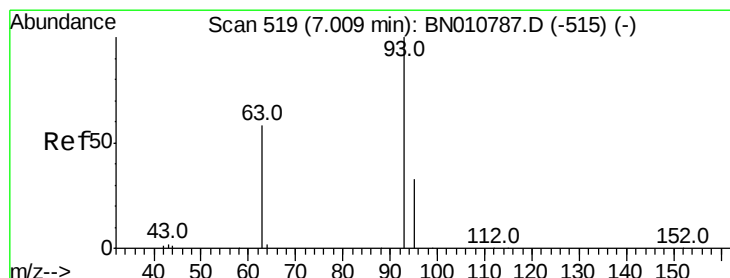
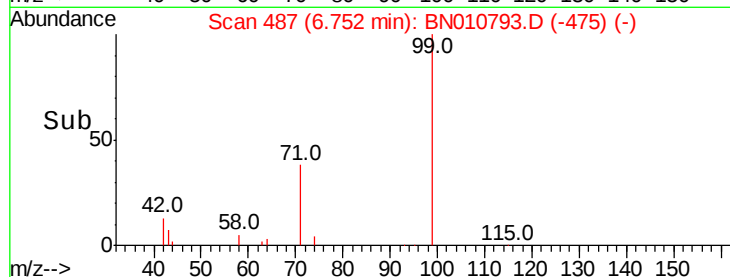
Abundance Ion 99.00 (98.70 to 99.70): BN010787.D (-482) (-)

Ion 42.00 (41.70 to 42.70): BN010787.D (-482) (-)

Ion 71.00 (70.70 to 71.70): BN010787.D (-482) (-)



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.550 ng

RT: 7.00 min Scan# 518

Delta R.T. -0.01 min

Lab File: BN010793.D

Acq: 05 Jun 2020 22:55

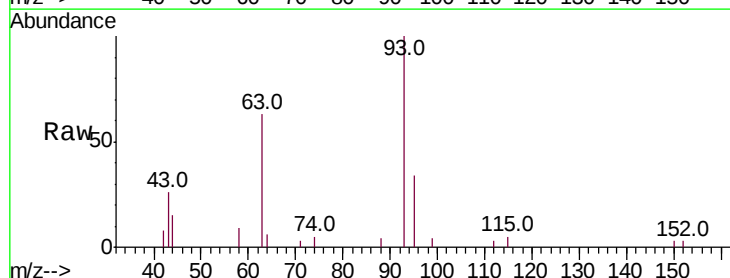
Tgt Ion: 93 Resp: 2948

Ion Ratio Lower Upper

93 100

63 57.3 46.2 69.4

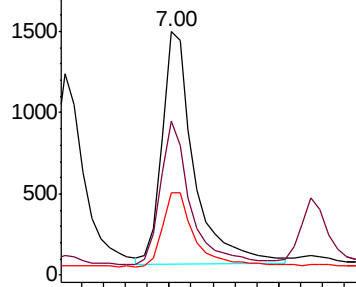
95 32.8 27.6 41.4



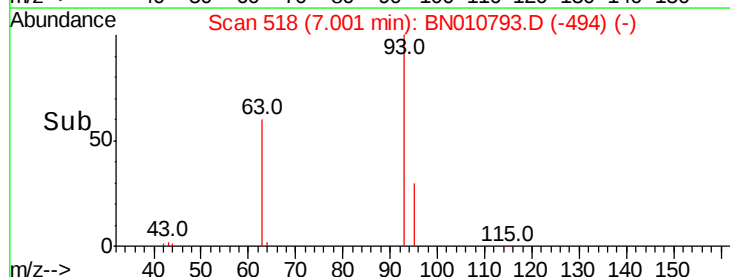
Abundance Ion 93.00 (92.70 to 93.70): BN010787.D (-515) (-)

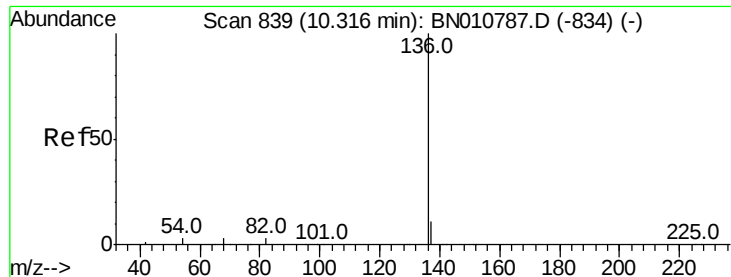
Ion 63.00 (62.70 to 63.70): BN010787.D (-515) (-)

Ion 95.00 (94.70 to 95.70): BN010787.D (-515) (-)



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.32 min Scan# 839

Delta R.T. 0.00 min

Lab File: BN010793.D

Acq: 05 Jun 2020 22:55

Instrument :

BNA_N

ClientSampleId :

PB129300BS

Tot Ion:136 Resp: 8079

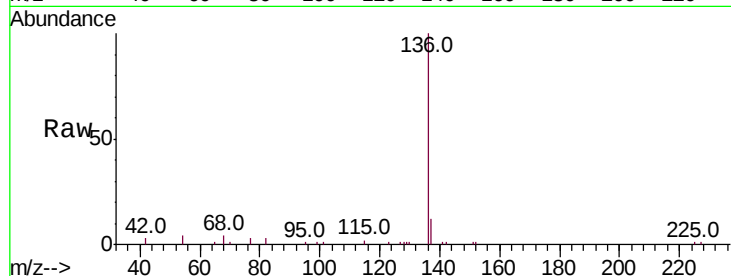
Ion Ratio Lower Upper

136 100

137 12.1 9.2 13.8

54 3.9 3.3 4.9

68 4.3 3.4 5.2

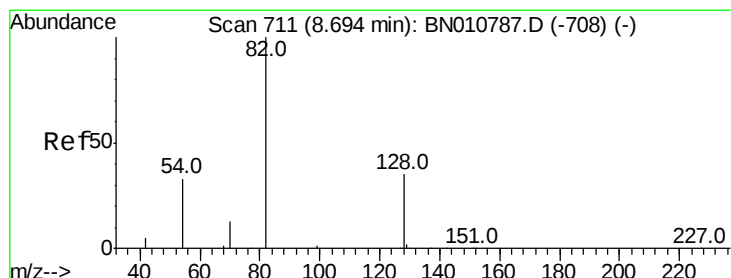
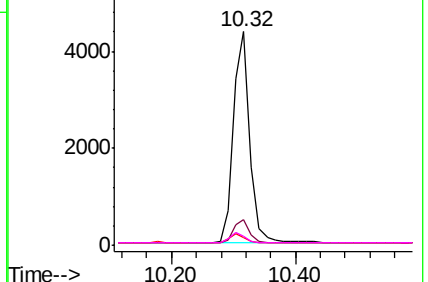
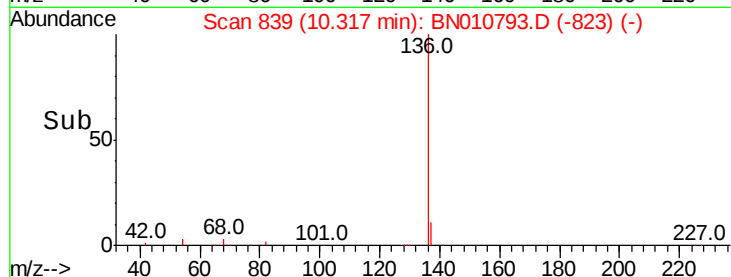


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.376 ng

RT: 8.69 min Scan# 711

Delta R.T. 0.00 min

Lab File: BN010793.D

Acq: 05 Jun 2020 22:55

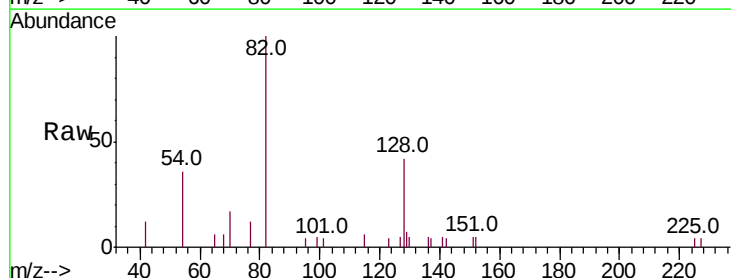
Tgt Ion: 82 Resp: 2229

Ion Ratio Lower Upper

82 100

128 41.7 31.4 47.0

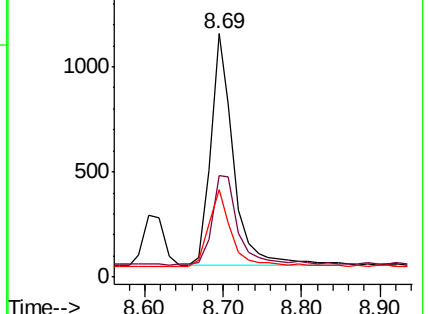
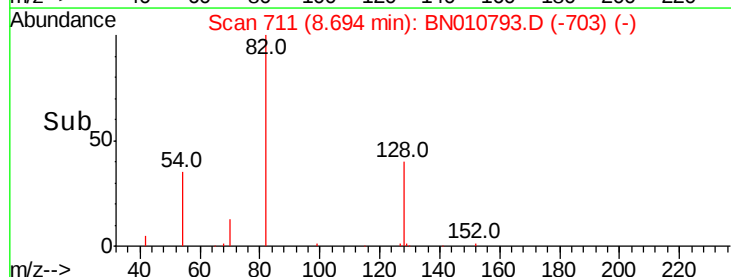
54 36.1 28.9 43.3

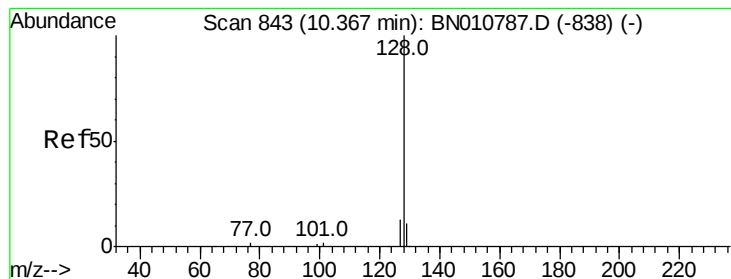


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.516 ng

RT: 10.35 min Scan# 842

Delta R.T. -0.01 min

Lab File: BN010793.D

Acq: 05 Jun 2020 22:55

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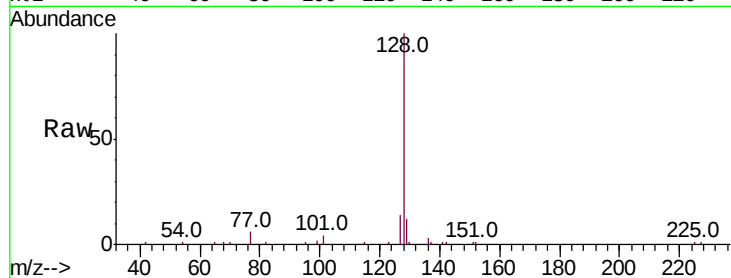
Tot Ion:128 Resp: 10391

Ion Ratio Lower Upper

128 100

129 11.7 9.4 14.2

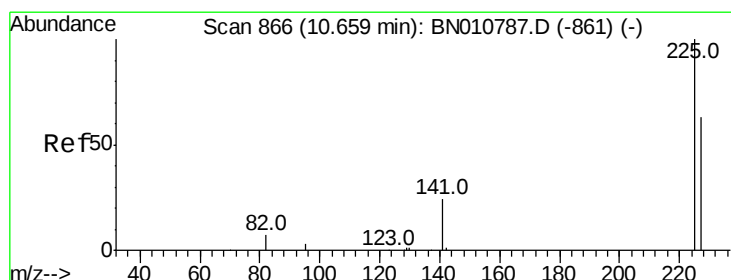
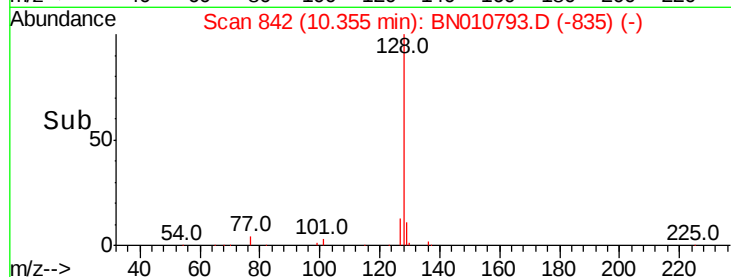
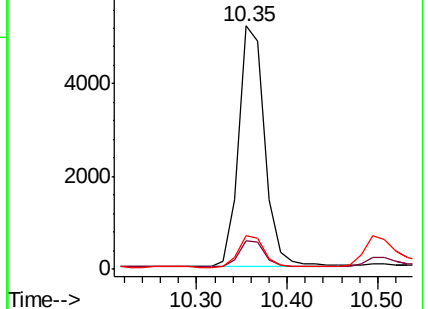
127 14.0 11.0 16.6



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: 0.489 ng

RT: 10.66 min Scan# 866

Delta R.T. 0.00 min

Lab File: BN010793.D

Acq: 05 Jun 2020 22:55

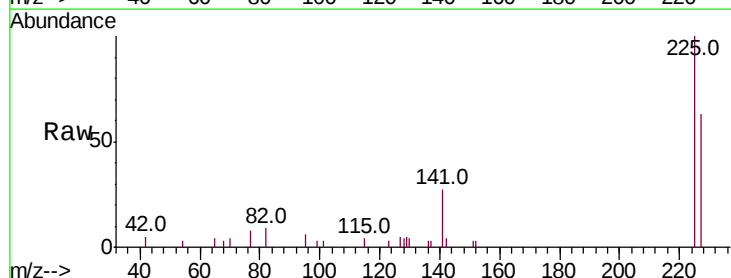
Tgt Ion:225 Resp: 2403

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

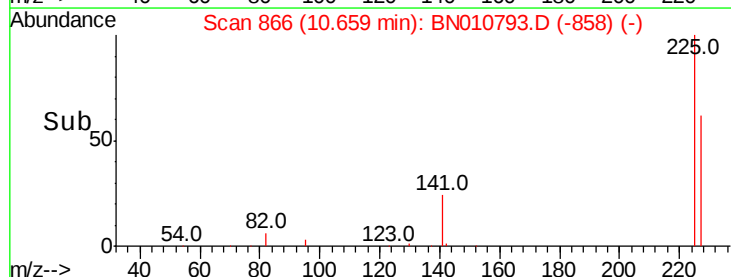
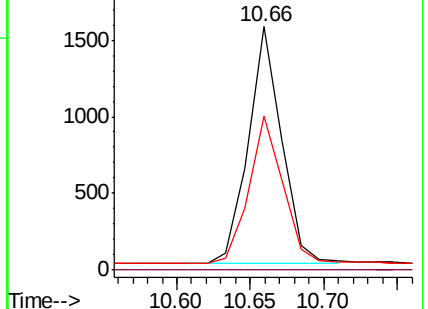
227 63.5 51.0 76.4

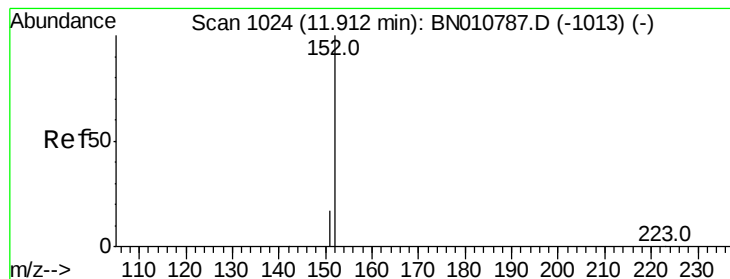


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.509 ng

RT: 11.91 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BN010793.D

Acq: 05 Jun 2020 22:55

Instrument :

BNA_N

ClientSampleId :

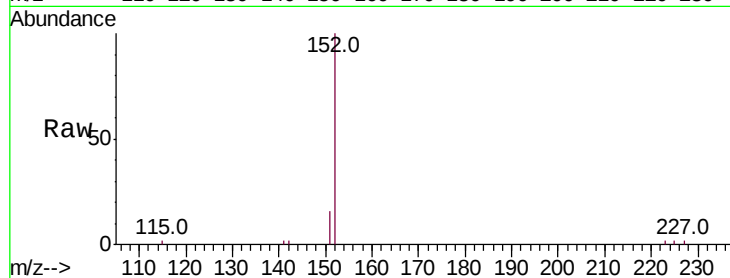
PB129300BS

Tot Ion:152 Resp: 6241

Ion Ratio Lower Upper

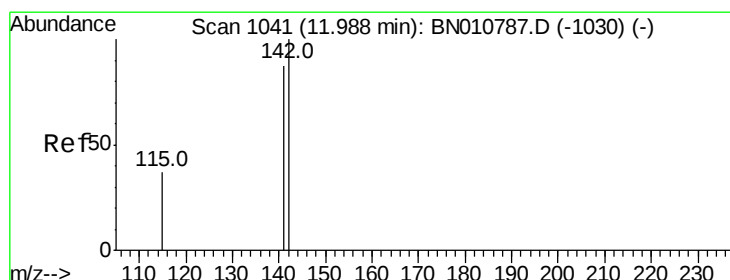
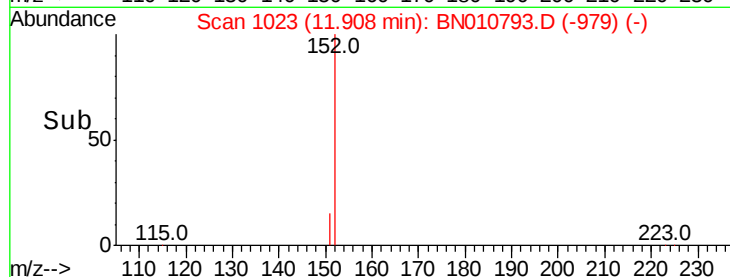
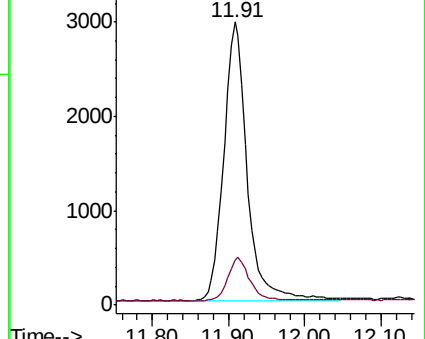
152 100

151 14.3 15.3 22.9#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.518 ng

RT: 11.98 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BN010793.D

Acq: 05 Jun 2020 22:55

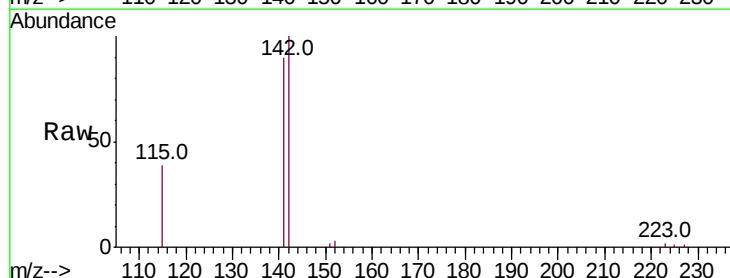
Tgt Ion:142 Resp: 6908

Ion Ratio Lower Upper

142 100

141 89.8 69.8 104.6

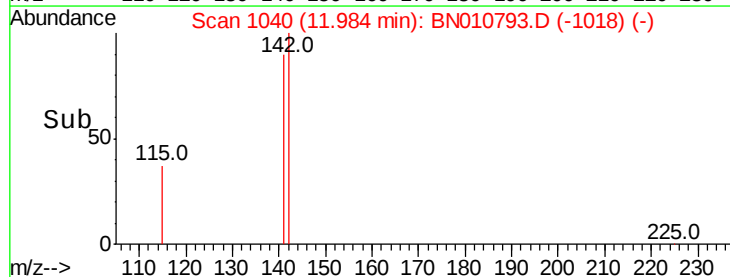
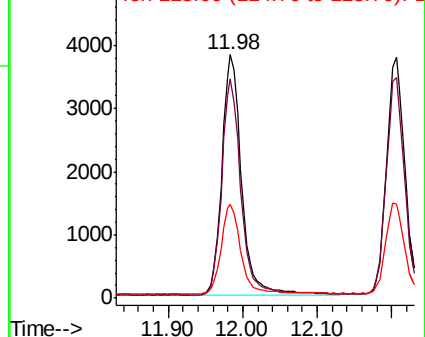
115 38.8 31.0 46.6

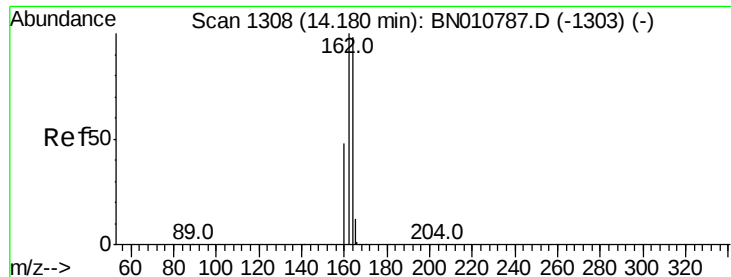


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.18 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BN010793.D

Acq: 05 Jun 2020 22:55

Instrument :

BNA_N

ClientSampleId :

PB129300BS

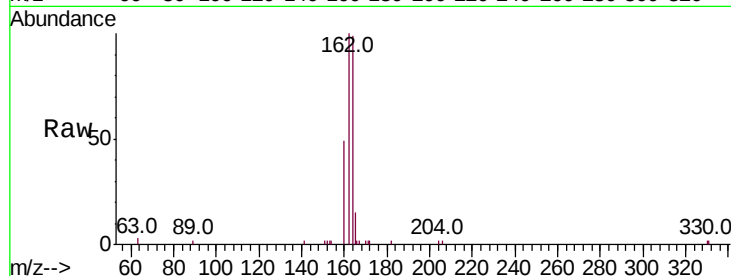
Tot Ion:164 Resp: 4188

Ion Ratio Lower Upper

164 100

162 100.9 81.8 122.8

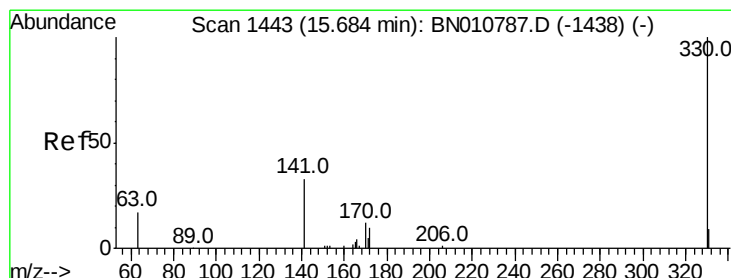
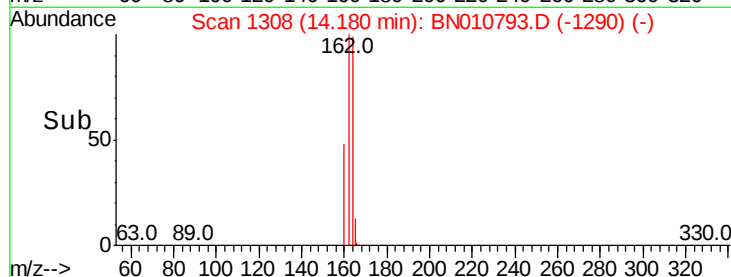
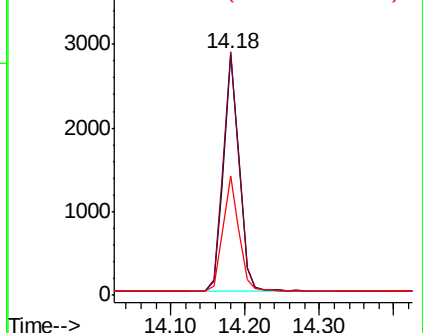
160 49.4 40.2 60.2



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: 0.325 ng

RT: 15.68 min Scan# 1443

Delta R.T. 0.00 min

Lab File: BN010793.D

Acq: 05 Jun 2020 22:55

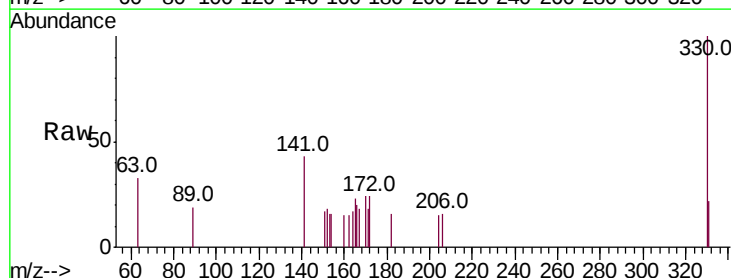
Tgt Ion:330 Resp: 475

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

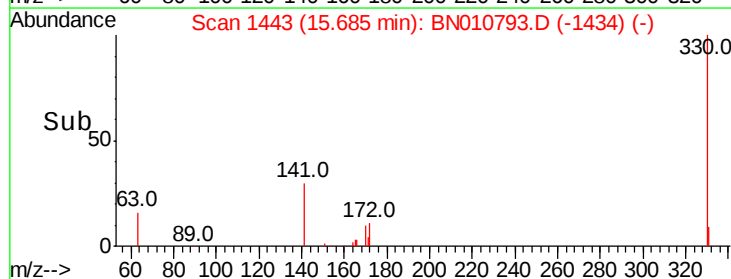
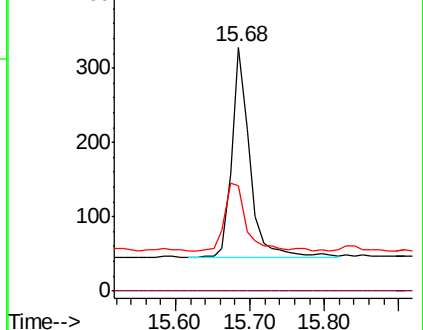
141 38.1 32.1 48.1

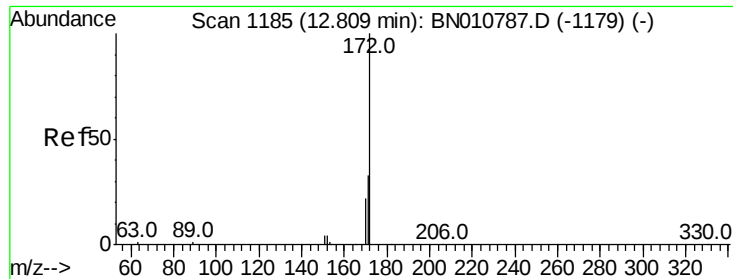


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

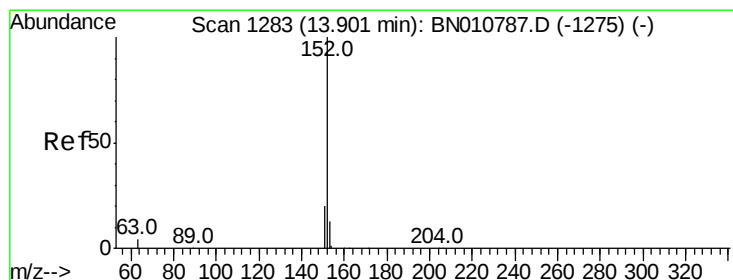
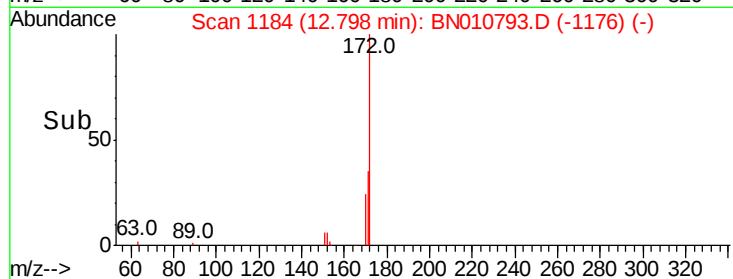
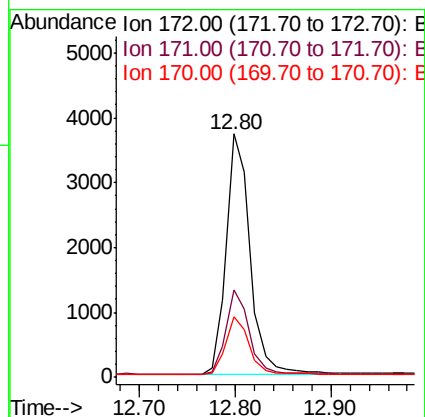
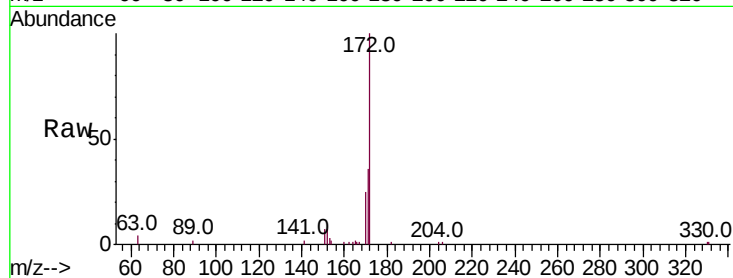




#15
 2-Fluorobiphenyl
 Concen: 0.398 ng
 RT: 12.80 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BN010793.D
 Acq: 05 Jun 2020 22:55

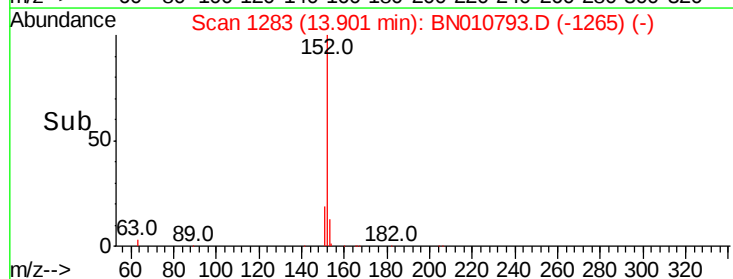
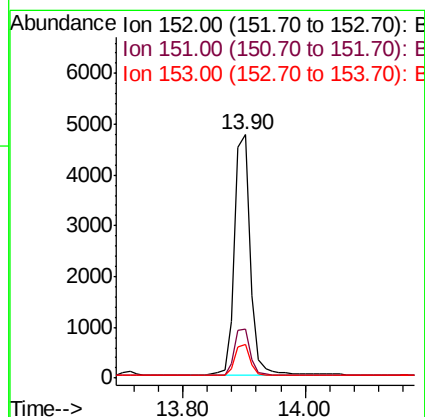
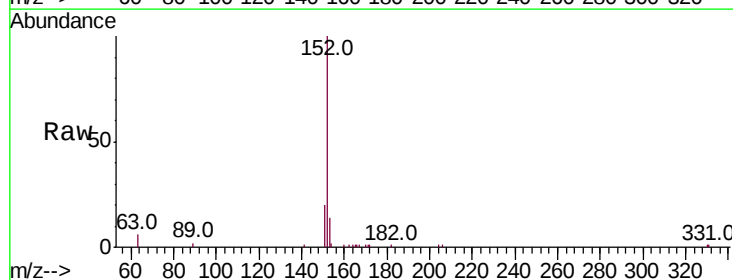
Instrument :
 BNA_N
 ClientSampleId :
 PB129300BS

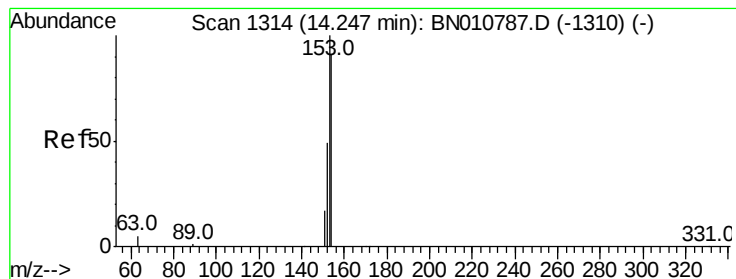
Tot Ion:172 Resp: 6488
 Ion Ratio Lower Upper
 172 100
 171 36.1 27.2 40.8
 170 24.9 18.1 27.1



#16
 Acenaphthylene
 Concen: 0.507 ng
 RT: 13.90 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: BN010793.D
 Acq: 05 Jun 2020 22:55

Tgt Ion:152 Resp: 8611
 Ion Ratio Lower Upper
 152 100
 151 19.3 15.7 23.5
 153 13.1 10.8 16.2





#17

Acenaphthene

Concen: 0.511 ng

RT: 14.25 min Scan# 1314

Delta R.T. 0.00 min

Lab File: BN010793.D

Acq: 05 Jun 2020 22:55

Instrument :

BNA_N

ClientSampleId :

PB129300BS

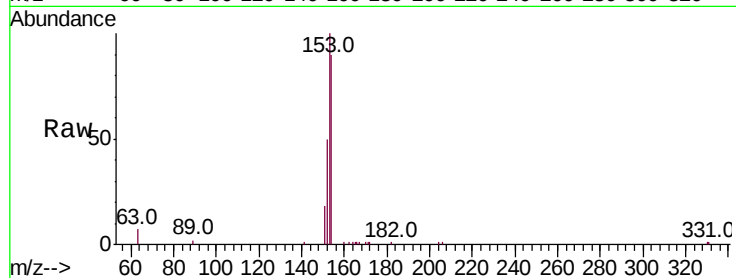
Tot Ion:154 Resp: 5874

Ion Ratio Lower Upper

154 100

153 113.5 90.3 135.5

152 57.5 45.9 68.9

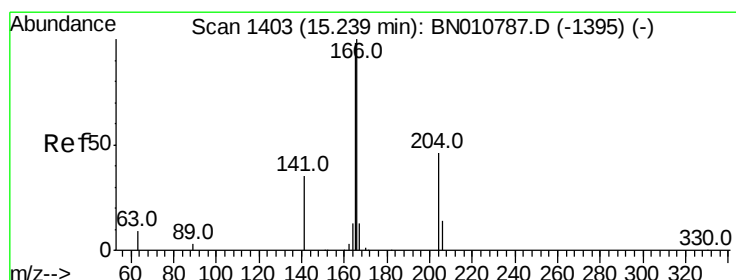
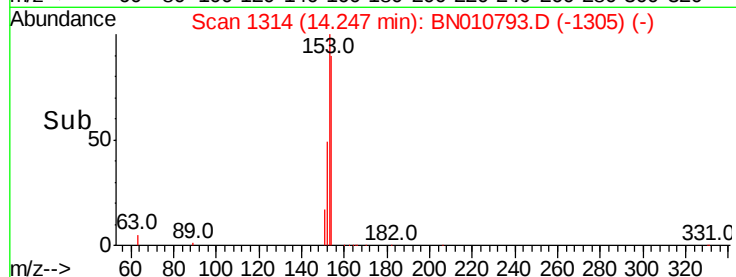
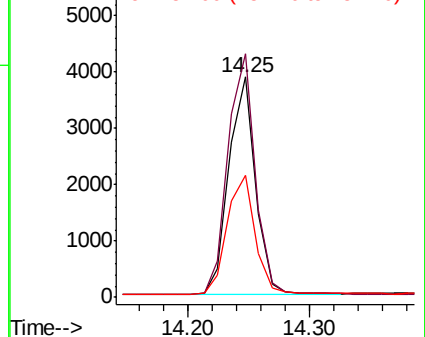


Abundance

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: 0.498 ng

RT: 15.24 min Scan# 1403

Delta R.T. 0.00 min

Lab File: BN010793.D

Acq: 05 Jun 2020 22:55

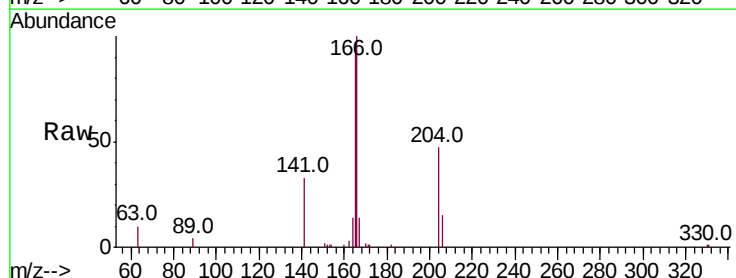
Tgt Ion:166 Resp: 7434

Ion Ratio Lower Upper

166 100

165 97.3 79.0 118.4

167 13.7 10.9 16.3

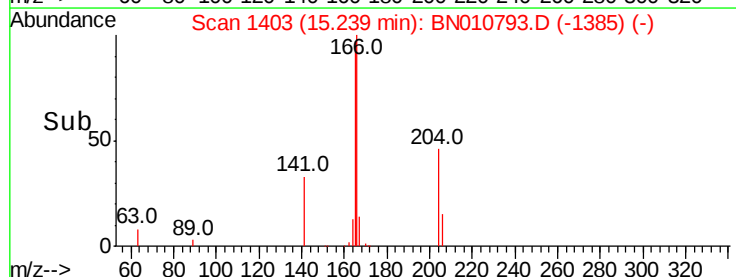
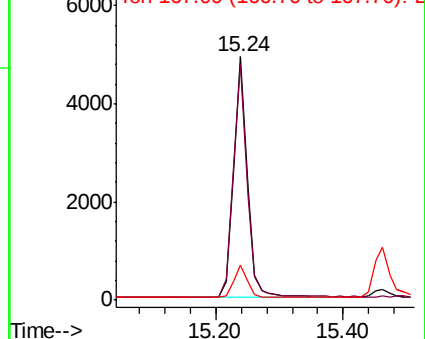


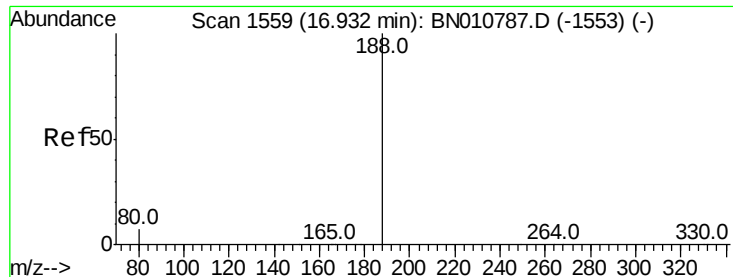
Abundance

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: 16.93 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BN010793.D

Acq: 05 Jun 2020 22:55

Instrument :

BNA_N

ClientSampleId :

PB129300BS

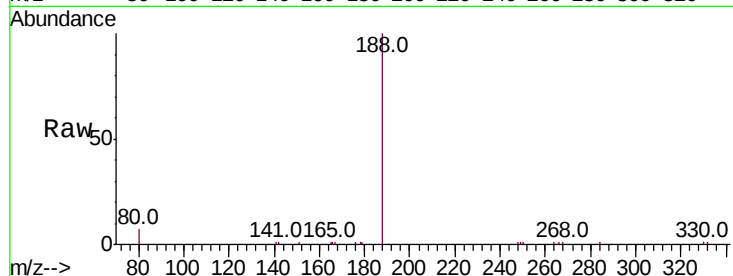
Tot Ion:188 Resp: 8342

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

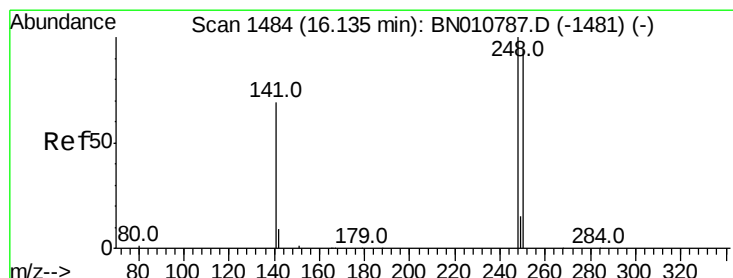
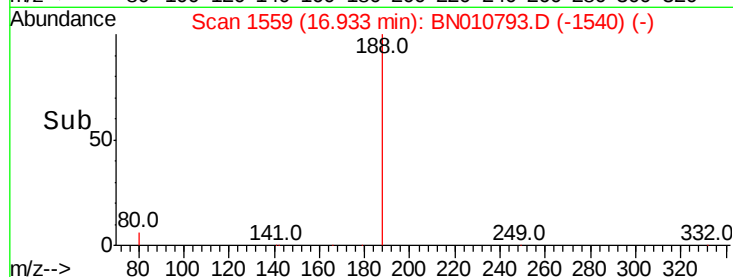
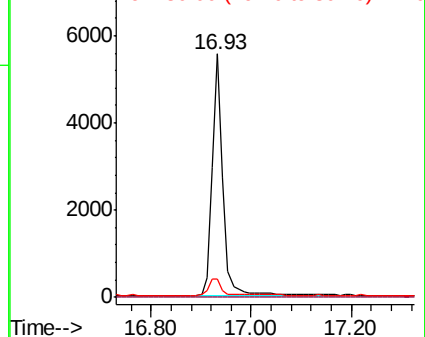
80 7.4 5.9 8.9



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: 0.477 ng

RT: 16.14 min Scan# 1484

Delta R.T. 0.00 min

Lab File: BN010793.D

Acq: 05 Jun 2020 22:55

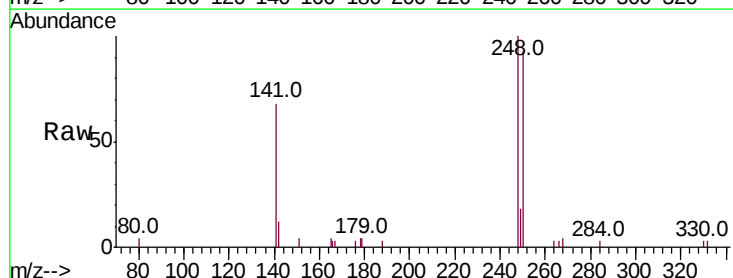
Tgt Ion:248 Resp: 2319

Ion Ratio Lower Upper

248 100

250 93.0 75.2 112.8

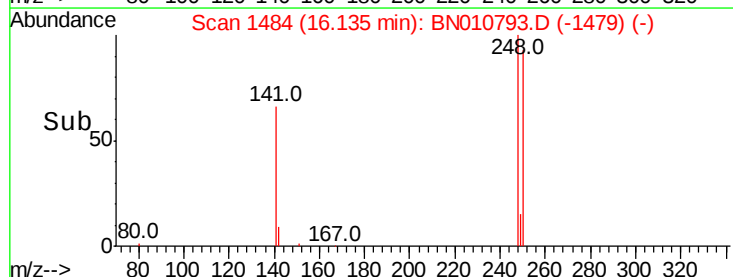
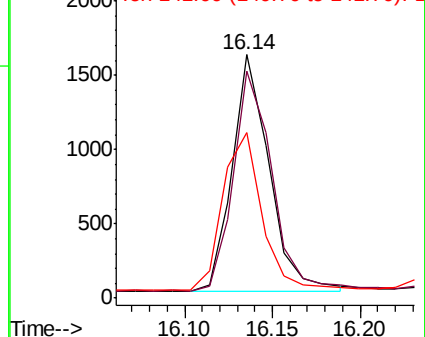
141 67.8 56.4 84.6

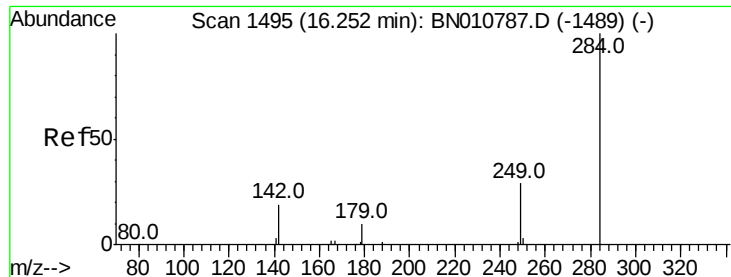


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.513 ng

RT: 16.25 min Scan# 1495

Delta R.T. 0.00 min

Lab File: BN010793.D

Acq: 05 Jun 2020 22:55

Instrument :

BNA_N

ClientSampleId :

PB129300BS

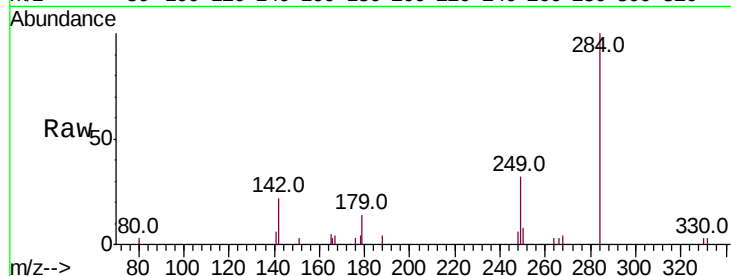
Tot Ion:284 Resp: 2633

Ion Ratio Lower Upper

284 100

142 37.9 31.1 46.7

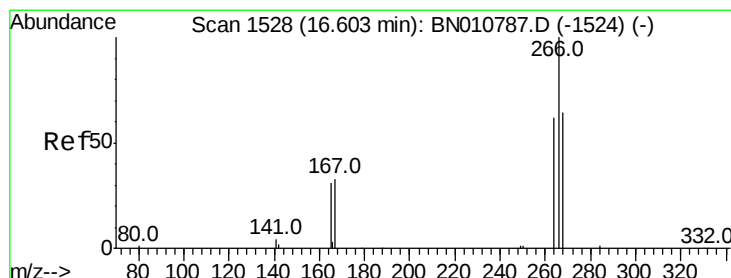
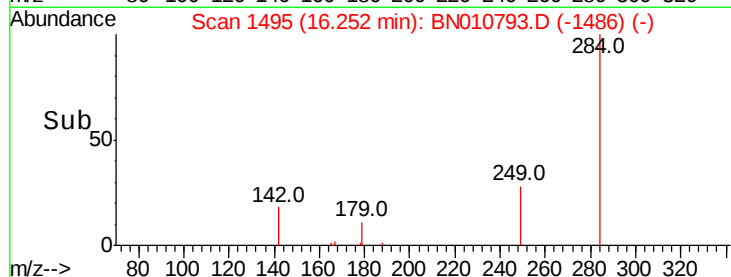
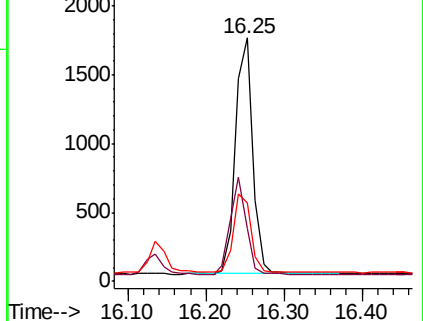
249 33.9 26.6 39.8



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: 0.885 ng

RT: 16.59 min Scan# 1527

Delta R.T. -0.01 min

Lab File: BN010793.D

Acq: 05 Jun 2020 22:55

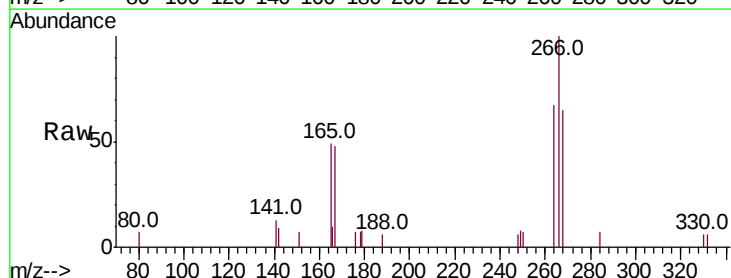
Tgt Ion:266 Resp: 1548

Ion Ratio Lower Upper

266 100

264 66.7 52.5 78.7

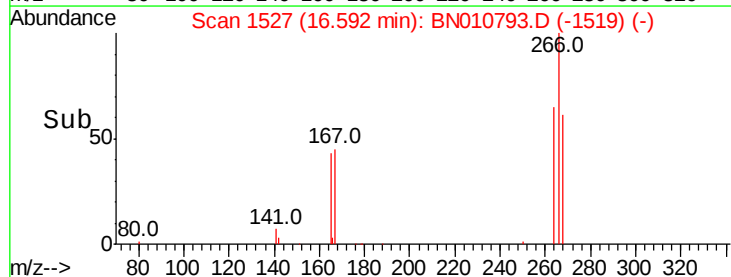
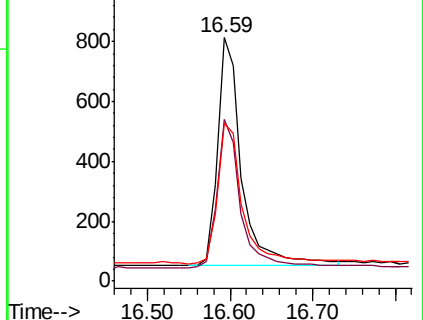
268 65.1 56.1 84.1

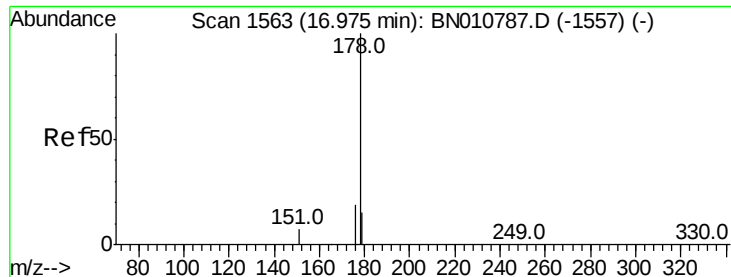


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.498 ng

RT: 16.98 min Scan# 1563

Delta R.T. 0.00 min

Lab File: BN010793.D

Acq: 05 Jun 2020 22:55

Instrument :

BNA_N

ClientSampleId :

PB129300BS

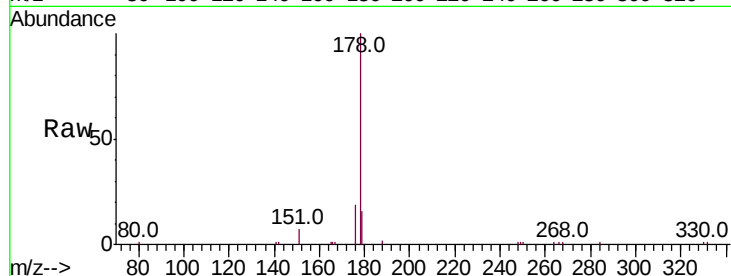
Tot Ion:178 Resp: 11220

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.0

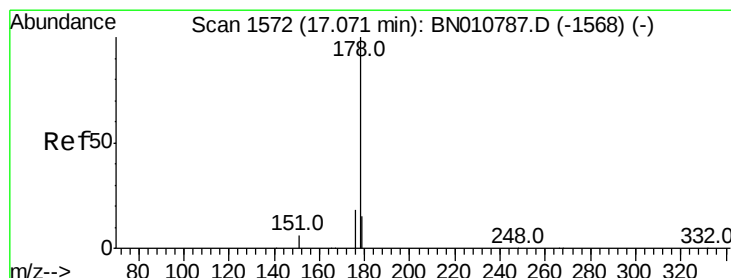
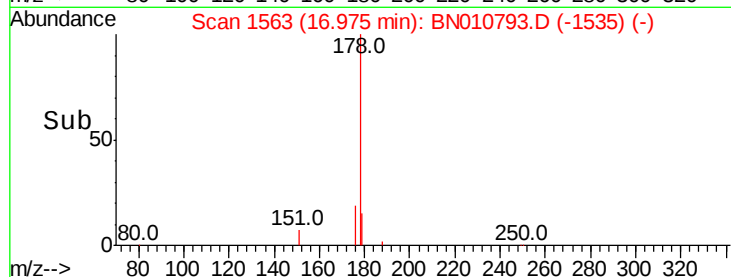
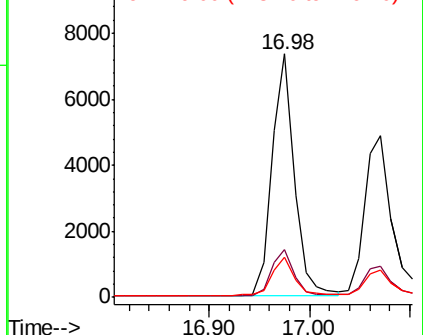
179 15.5 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E

10000 Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.485 ng

RT: 17.07 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BN010793.D

Acq: 05 Jun 2020 22:55

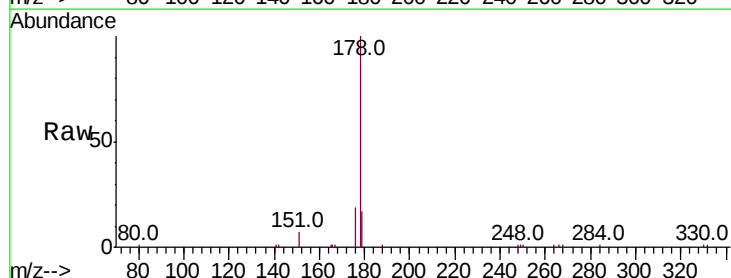
Tgt Ion:178 Resp: 9264

Ion Ratio Lower Upper

178 100

176 18.4 14.7 22.1

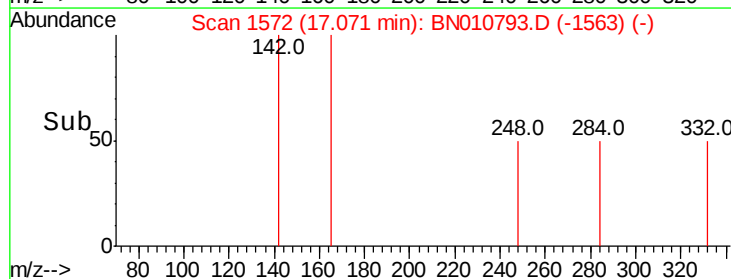
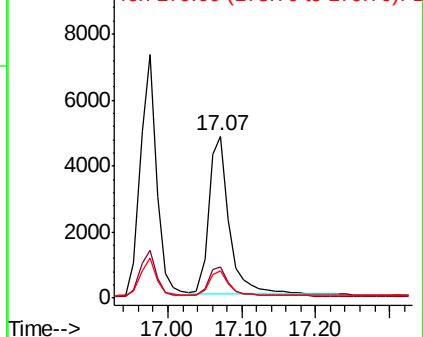
179 15.8 12.0 18.0

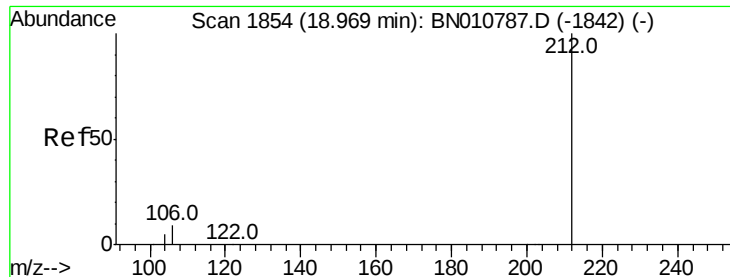


Abundance Ion 178.00 (177.70 to 178.70): E

10000 Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.340 ng

RT: 18.97 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BN010793.D

Acq: 05 Jun 2020 22:55

Instrument :

BNA_N

ClientSampleId :

PB129300BS

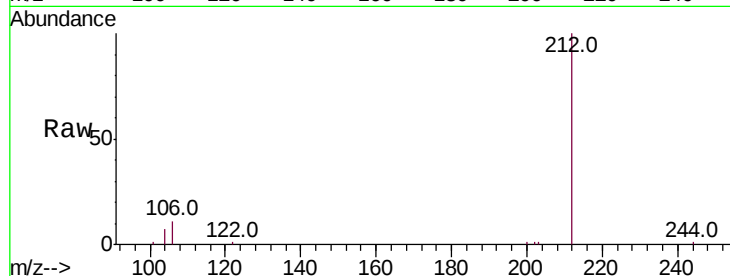
Tot Ion:212 Resp: 7883

Ion Ratio Lower Upper

212 100

106 8.8 7.1 10.7

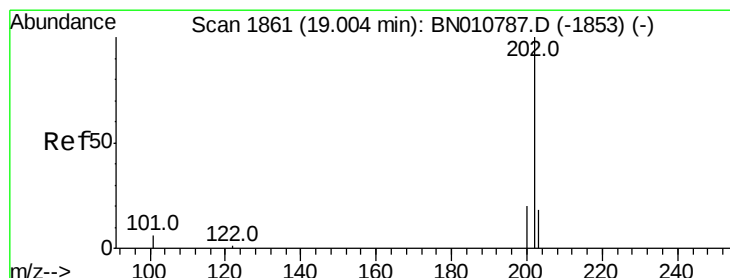
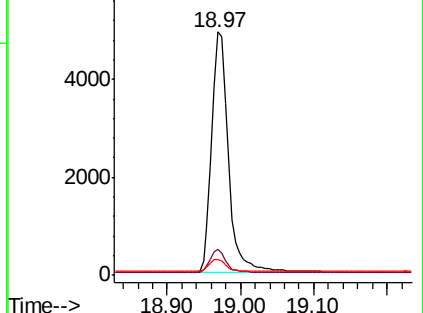
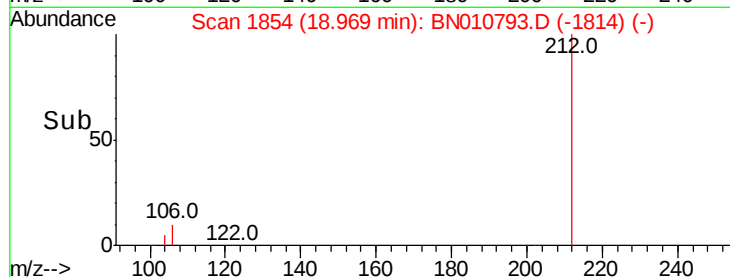
104 5.3 4.1 6.1



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: 0.463 ng

RT: 19.00 min Scan# 1860

Delta R.T. -0.00 min

Lab File: BN010793.D

Acq: 05 Jun 2020 22:55

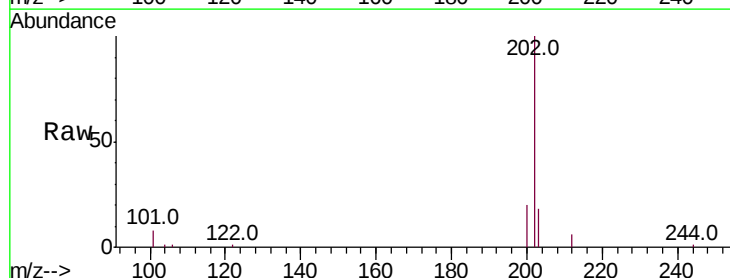
Tgt Ion:202 Resp: 12082

Ion Ratio Lower Upper

202 100

101 7.7 6.2 9.4

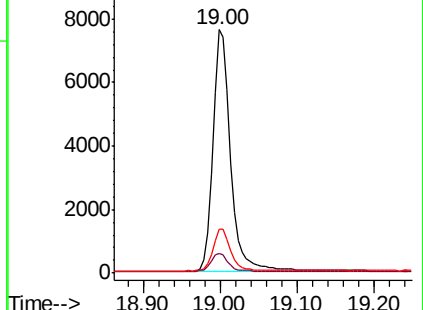
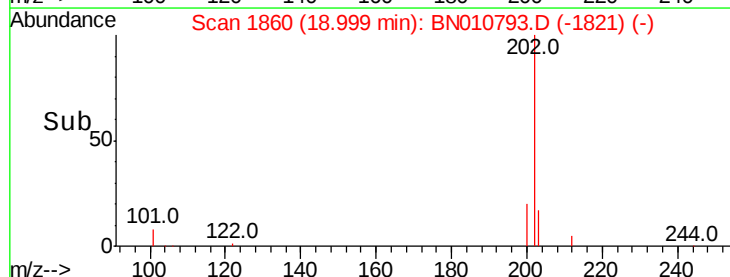
203 17.2 13.6 20.4

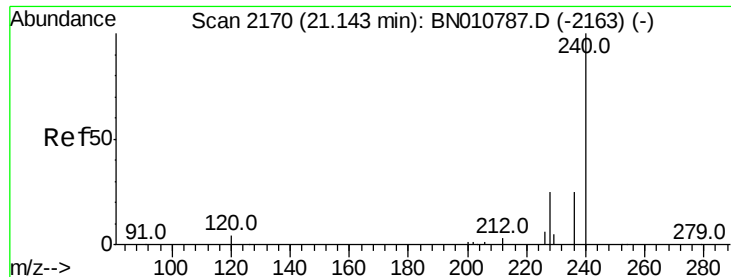


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.14 min Scan# 2170

Delta R.T. 0.00 min

Lab File: BN010793.D

Acq: 05 Jun 2020 22:55

Instrument :

BNA_N

ClientSampleId :

PB129300BS

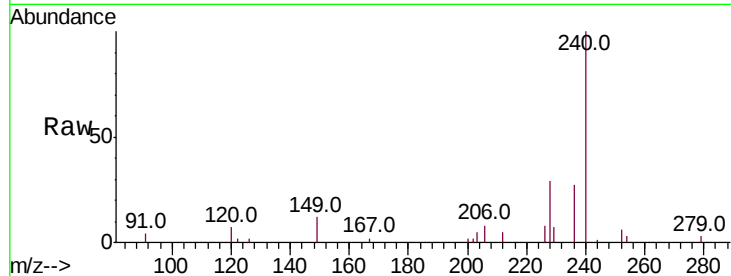
Tot Ion:240 Resp: 6984

Ion Ratio Lower Upper

240 100

120 7.3 5.2 7.8

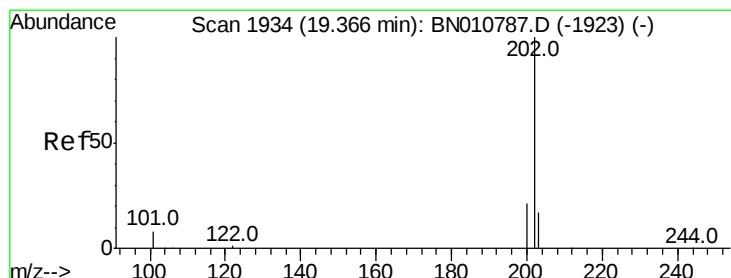
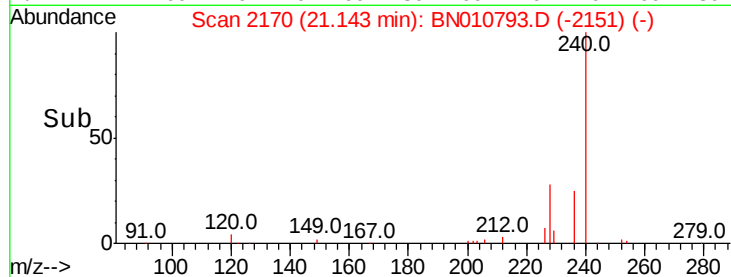
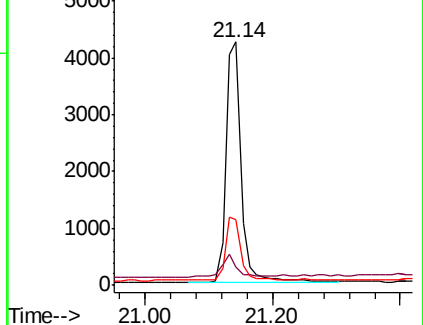
236 27.2 21.3 31.9



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: 0.544 ng

RT: 19.37 min Scan# 1934

Delta R.T. 0.00 min

Lab File: BN010793.D

Acq: 05 Jun 2020 22:55

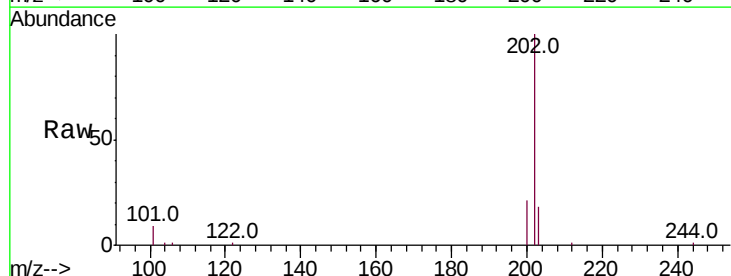
Tgt Ion:202 Resp: 12041

Ion Ratio Lower Upper

202 100

200 20.5 16.5 24.7

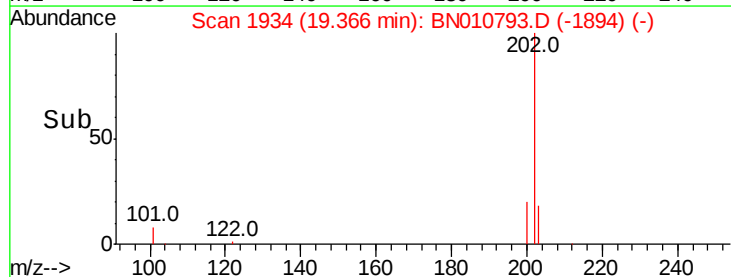
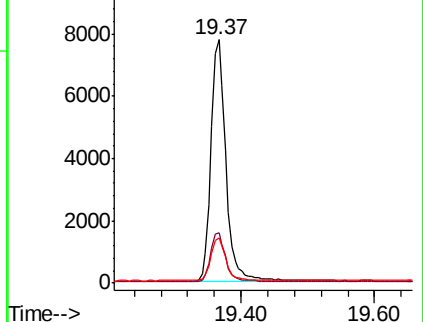
203 17.8 14.0 21.0

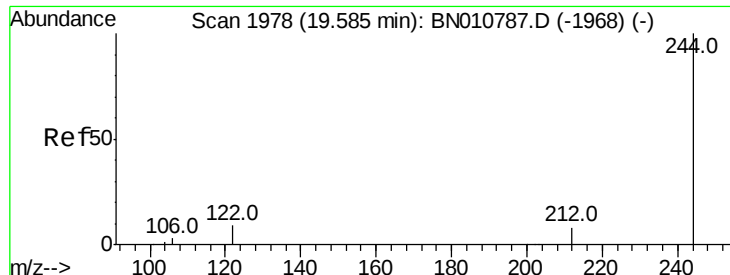


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.394 ng

RT: 19.58 min Scan# 1978

Delta R.T. 0.00 min

Lab File: BN010793.D

Acq: 05 Jun 2020 22:55

Instrument :

BNA_N

ClientSampleId :

PB129300BS

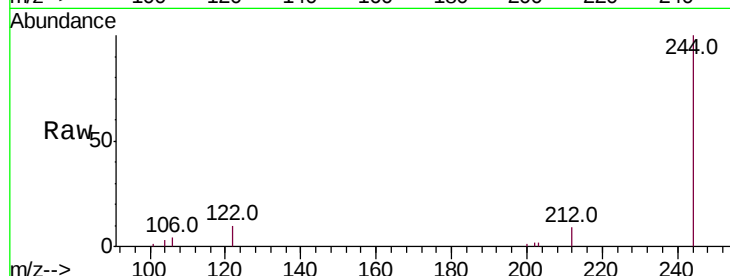
Tot Ion:244 Resp: 6140

Ion Ratio Lower Upper

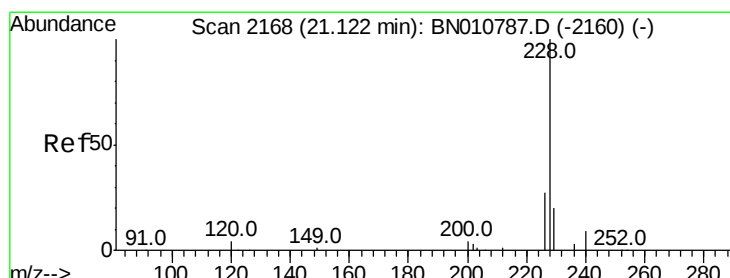
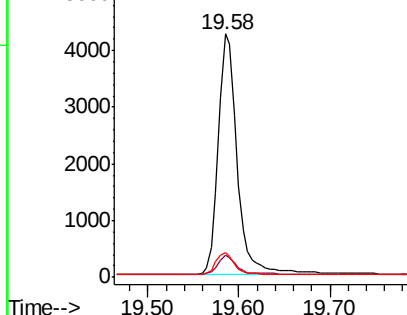
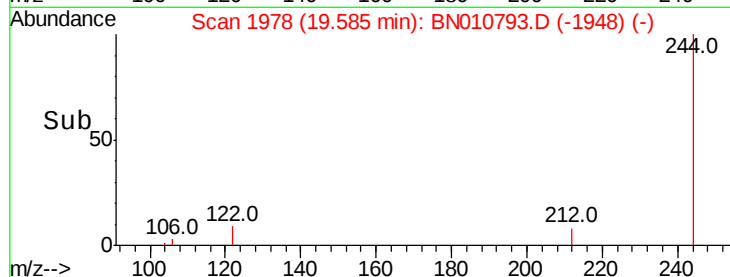
244 100

212 9.1 7.2 10.8

122 10.4 7.8 11.6



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: 0.511 ng

RT: 21.12 min Scan# 2168

Delta R.T. 0.00 min

Lab File: BN010793.D

Acq: 05 Jun 2020 22:55

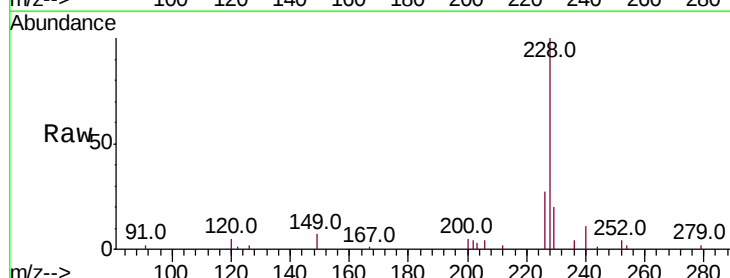
Tgt Ion:228 Resp: 10471

Ion Ratio Lower Upper

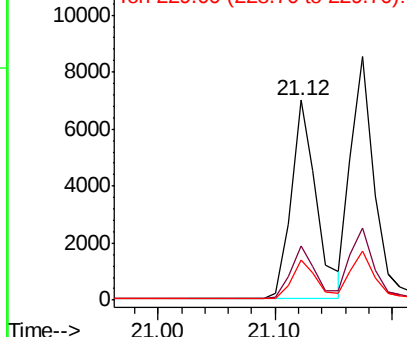
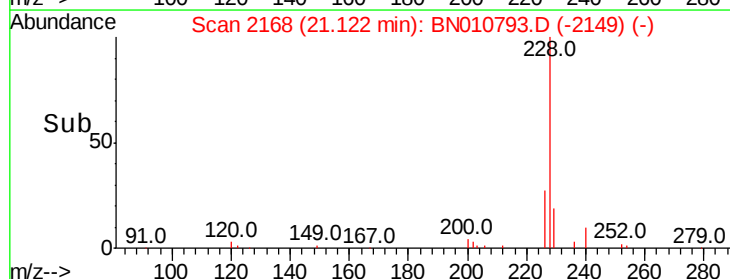
228 100

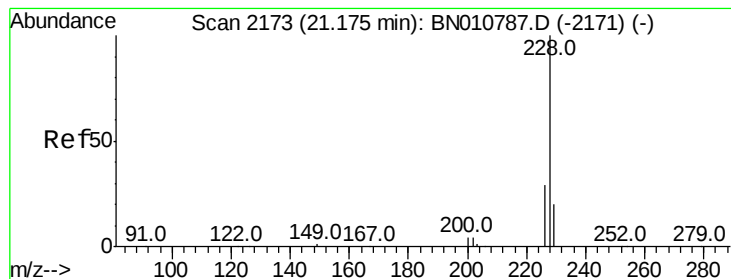
226 27.4 21.9 32.9

229 19.9 16.2 24.2



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: 0.500 ng

RT: 21.17 min Scan# 2173

Delta R.T. 0.00 min

Lab File: BN010793.D

Acq: 05 Jun 2020 22:55

Instrument :

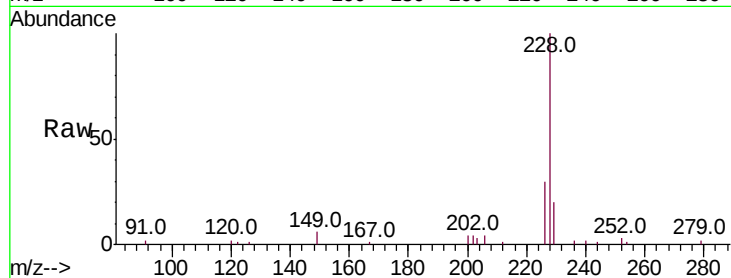
BNA_N

ClientSampleId :

PB129300BS

Tot Ion:228 Resp: 11642

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.9	35.9
229	20.0	16.3	24.5

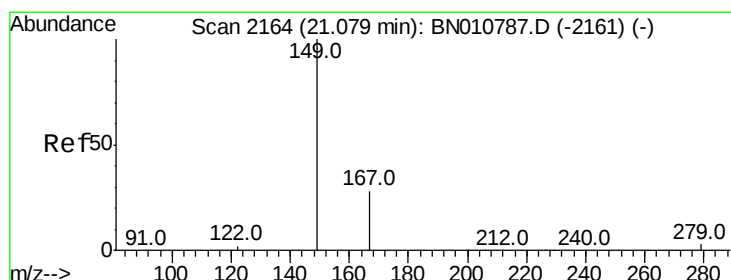
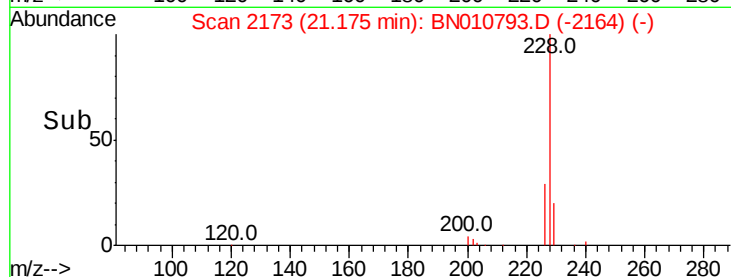
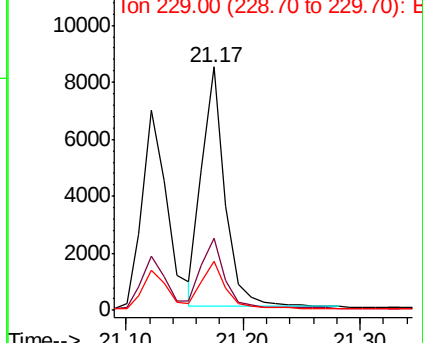


Abundance

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: 0.491 ng

RT: 21.08 min Scan# 2164

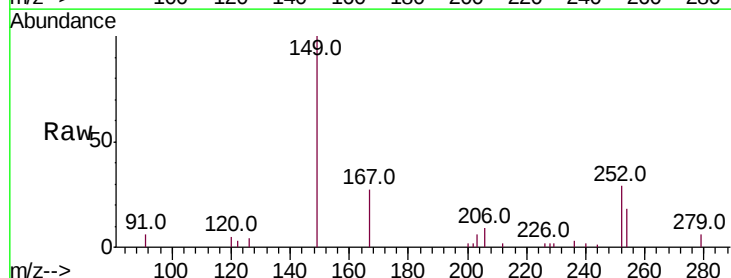
Delta R.T. 0.00 min

Lab File: BN010793.D

Acq: 05 Jun 2020 22:55

Tgt Ion:149 Resp: 3323

Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.9	34.3
279	4.9	4.2	6.2

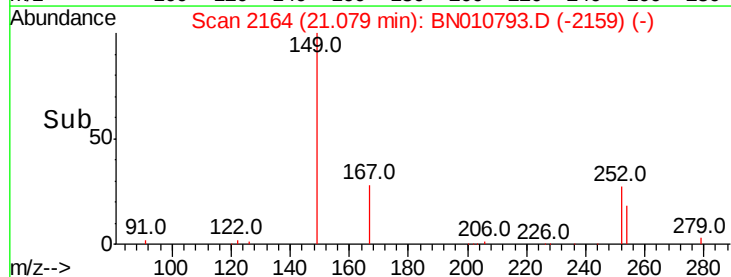
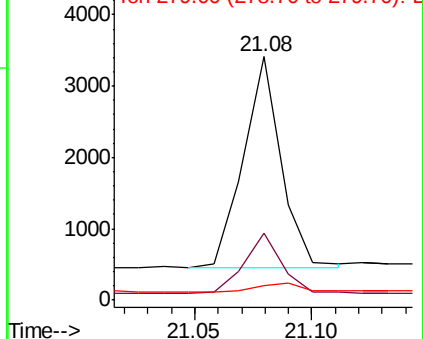


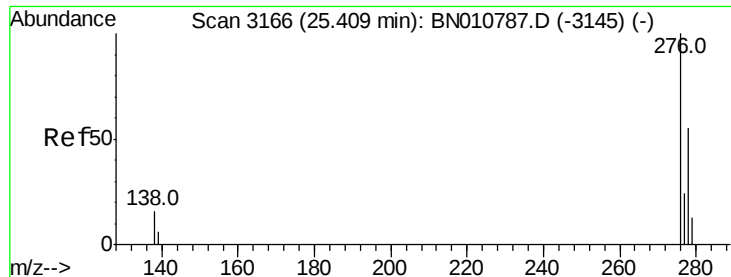
Abundance

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: 0.534 ng

RT: 25.41 min Scan# 3166

Delta R.T. 0.00 min

Lab File: BN010793.D

Acq: 05 Jun 2020 22:55

Instrument :

BNA_N

ClientSampleId :

PB129300BS

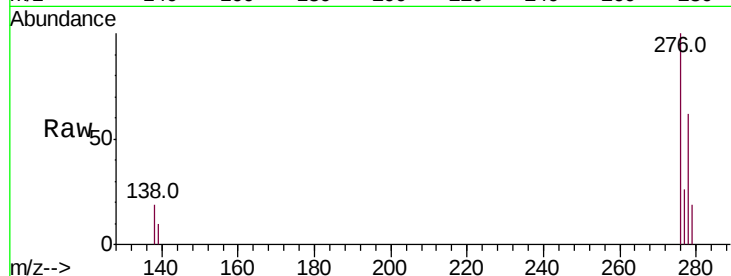
Tot Ion:276 Resp: 14954

Ion Ratio Lower Upper

276 100

138 18.3 15.1 22.7

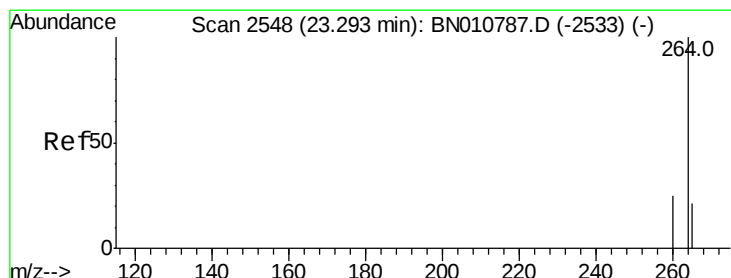
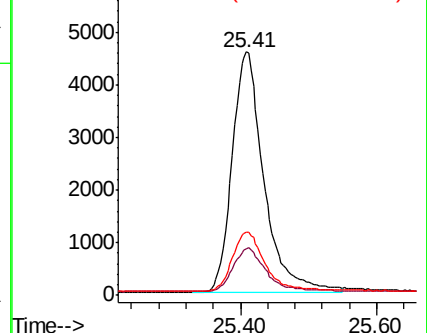
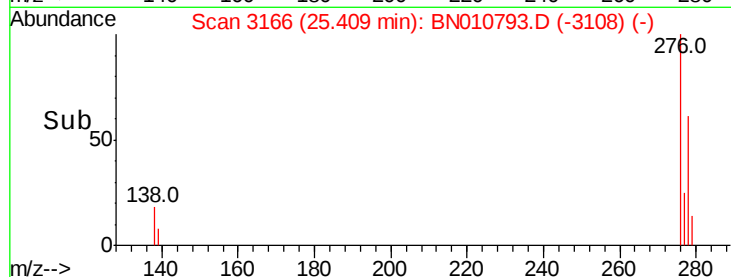
277 25.1 19.9 29.9



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: 23.29 min Scan# 2548

Delta R.T. 0.00 min

Lab File: BN010793.D

Acq: 05 Jun 2020 22:55

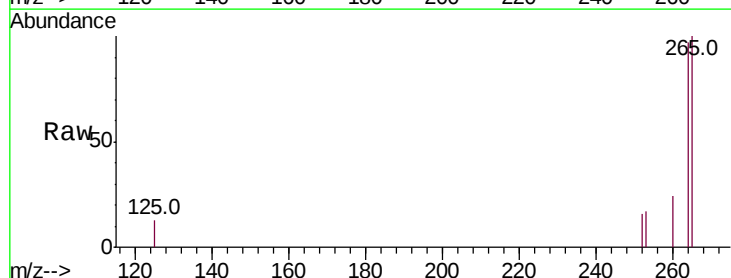
Tgt Ion:264 Resp: 6831

Ion Ratio Lower Upper

264 100

260 24.9 20.3 30.5

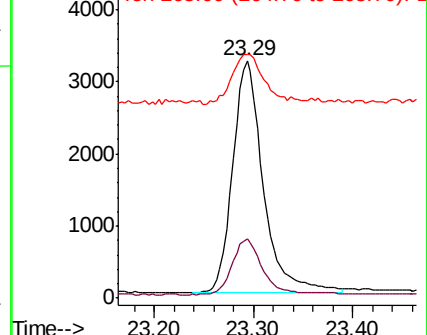
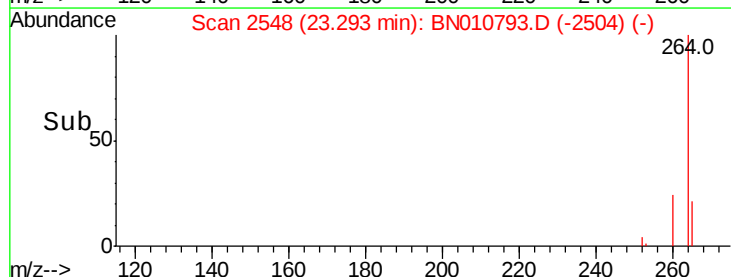
265 102.6 61.7 92.5#

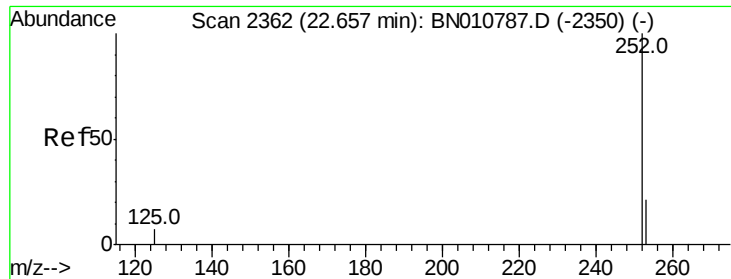


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

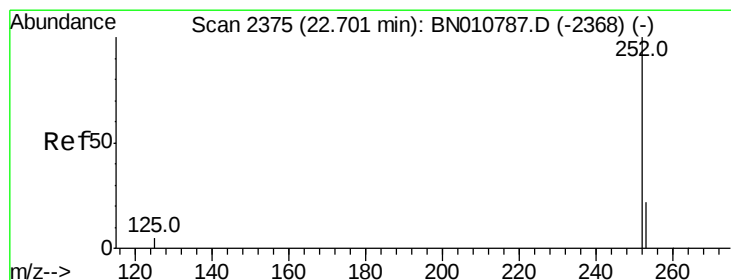
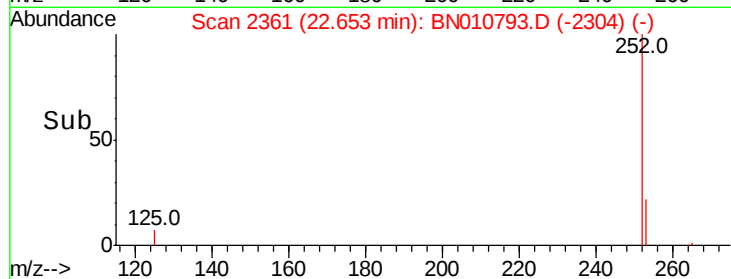
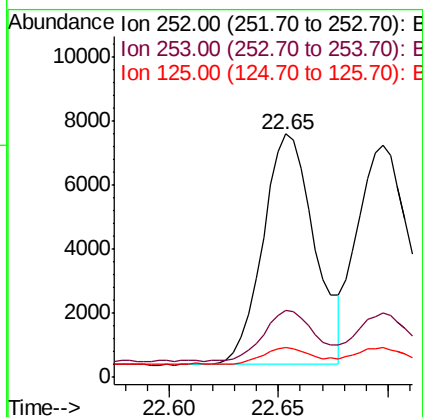
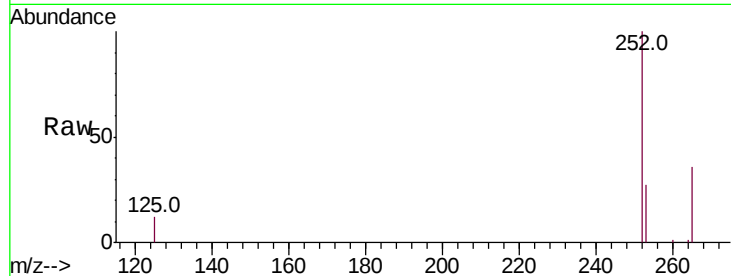




#35
Benzo(b)fluoranthene
Concen: 0.533 ng
RT: 22.65 min Scan# 2361
Delta R.T. -0.00 min
Lab File: BN010793.D
Acq: 05 Jun 2020 22:55

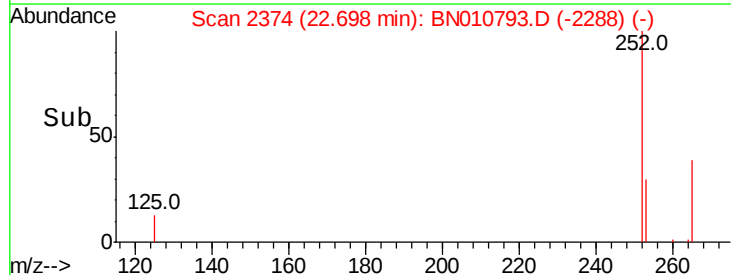
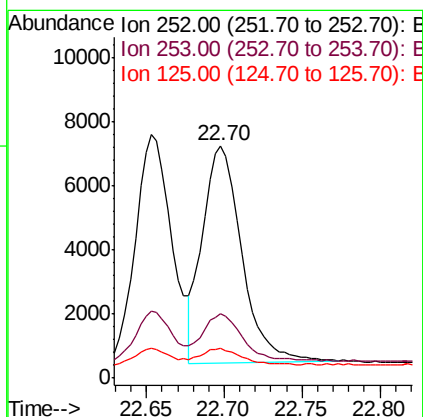
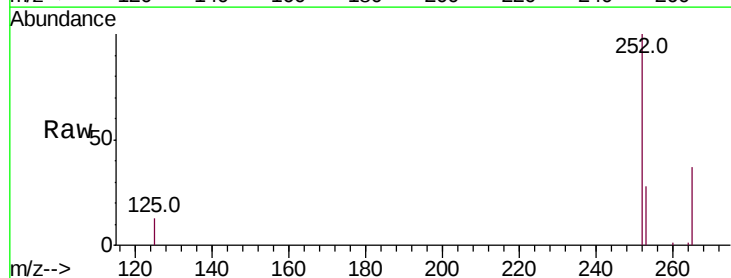
Instrument :
BNA_N
ClientSampleId :
PB129300BS

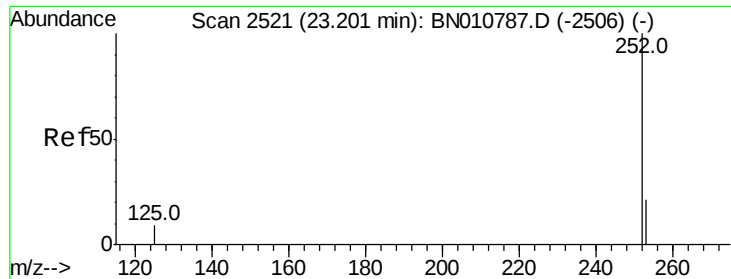
Tot Ion:252 Resp: 11854
Ion Ratio Lower Upper
252 100
253 27.3 21.5 32.3
125 12.2 9.2 13.8



#36
Benzo(k)fluoranthene
Concen: 0.487 ng
RT: 22.70 min Scan# 2374
Delta R.T. -0.00 min
Lab File: BN010793.D
Acq: 05 Jun 2020 22:55

Tgt Ion:252 Resp: 11931
Ion Ratio Lower Upper
252 100
253 27.9 21.8 32.8
125 12.6 10.5 15.7





#37

Benzo(a)pyrene

Concen: 0.520 ng

RT: 23.20 min Scan# 2520

Delta R.T. -0.00 min

Lab File: BN010793.D

Acq: 05 Jun 2020 22:55

Instrument :

BNA_N

ClientSampleId :

PB129300BS

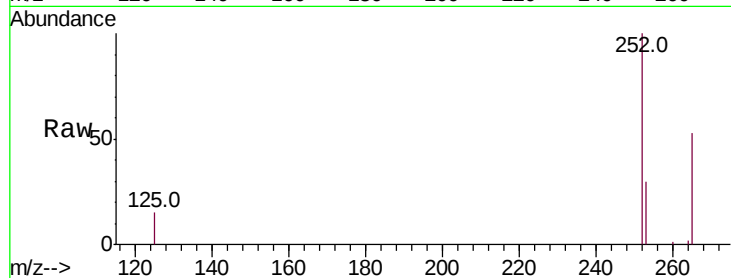
Tot Ion:252 Resp: 10330

Ion Ratio Lower Upper

252 100

253 30.3 32.0 48.0#

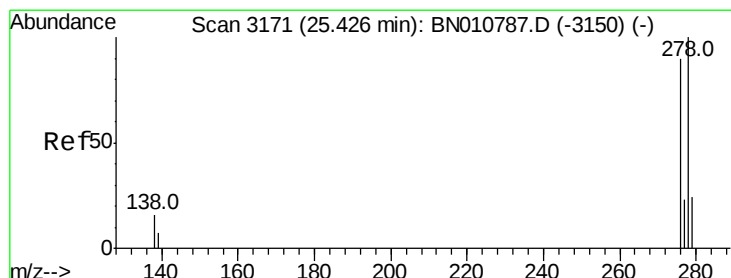
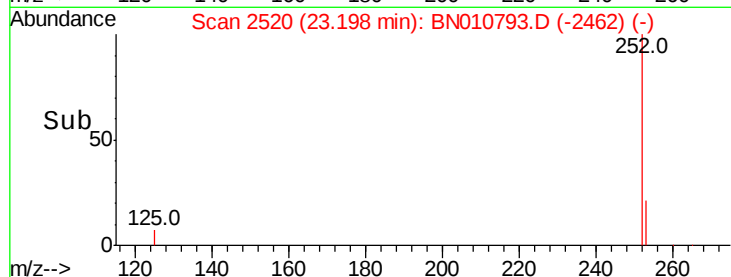
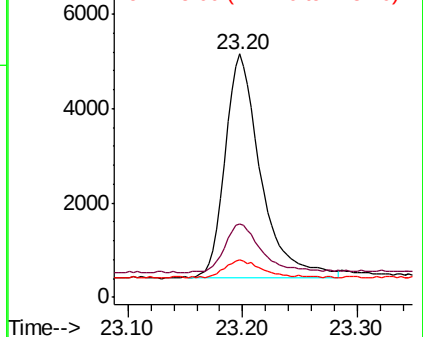
125 15.3 16.0 24.0#



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: 0.565 ng

RT: 25.43 min Scan# 3171

Delta R.T. 0.00 min

Lab File: BN010793.D

Acq: 05 Jun 2020 22:55

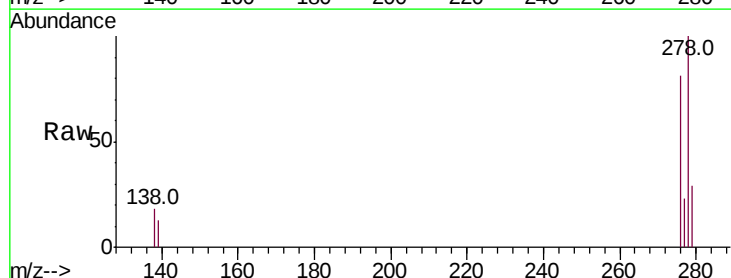
Tgt Ion:278 Resp: 12640

Ion Ratio Lower Upper

278 100

139 13.3 10.7 16.1

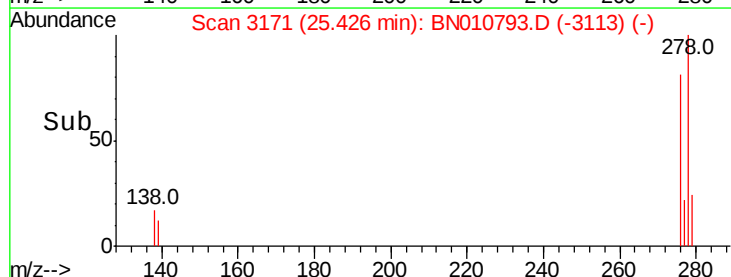
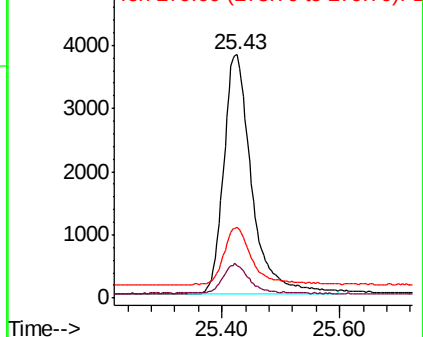
279 28.9 22.9 34.3

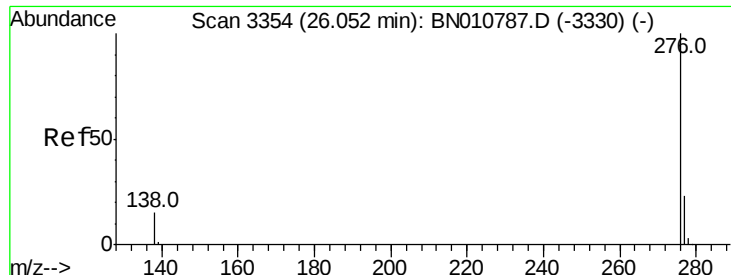


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.594 ng

RT: 26.05 min Scan# 3352

Delta R.T. -0.01 min

Lab File: BN010793.D

Acq: 05 Jun 2020 22:55

Instrument :

BNA_N

ClientSampleId :

PB129300BS

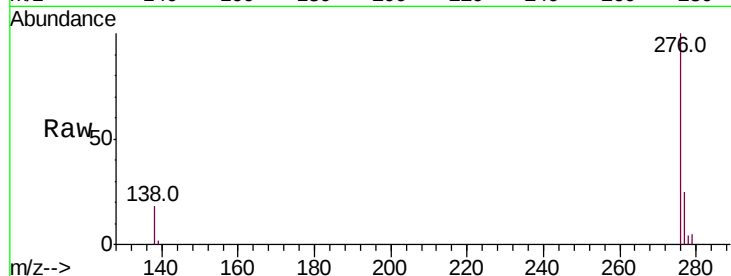
Tot Ion:276 Resp: 13731

Ion Ratio Lower Upper

276 100

277 24.9 19.9 29.9

138 17.7 13.6 20.4



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

